16757-ANG



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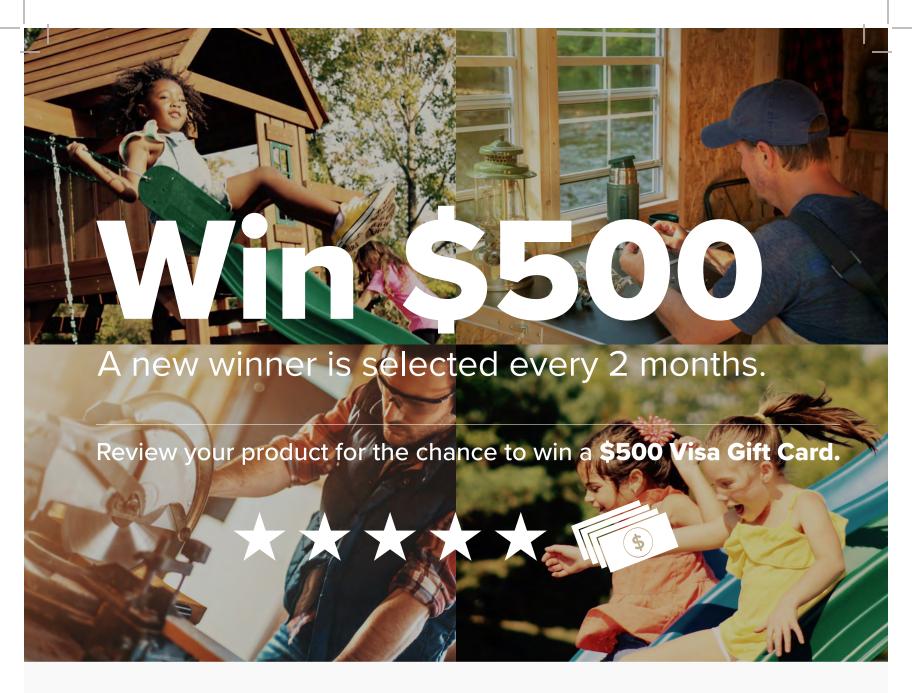


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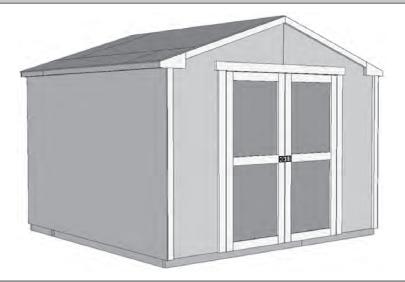
06/07/2023

ASSEMBLY MANUAL

GABLE 10' x 10' (305 x 305 cm)

ACTUAL FLOOR SIZE IS 120" x 116-5/8" (305 x 296 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 with 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 7.

• CHECK ALL PARTS

Inventory all parts listed on pages 4 - 5. Contact our Customer Service Team if any parts are missing or damaged.

ADDITIONAL MATERIALS

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

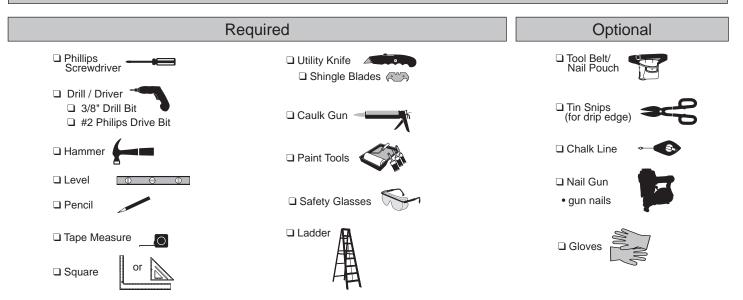


CONTACT OUR CUSTOMER SERVICE TEAM IF ANY PARTS ARE MISSING OR DAMAGED



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

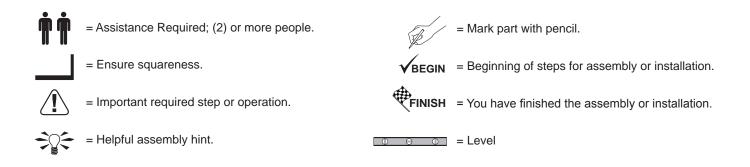
TOOLS



Safety! Always use approved safety glasses during assembly.

HELPFUL REMINDER SYMBOLS

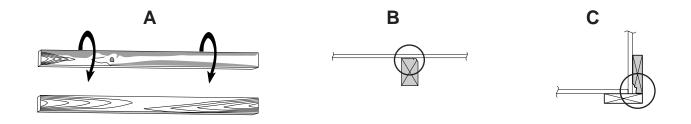
Look for these symbols for helpful reminders throughout this manual.



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

- This shed kit includes a complete wood floor frame system. It does not include any floor panels.
- See page 6 for the additional floor panel sizes and quantities required.
- This shed kit does not include ANY leveling materials.

DRIP EDGE 50 Feet

• See the FLOOR LEVELING section on page 7 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.

REINFORCED WOOD FLOOR FRAME (OPTIONAL)

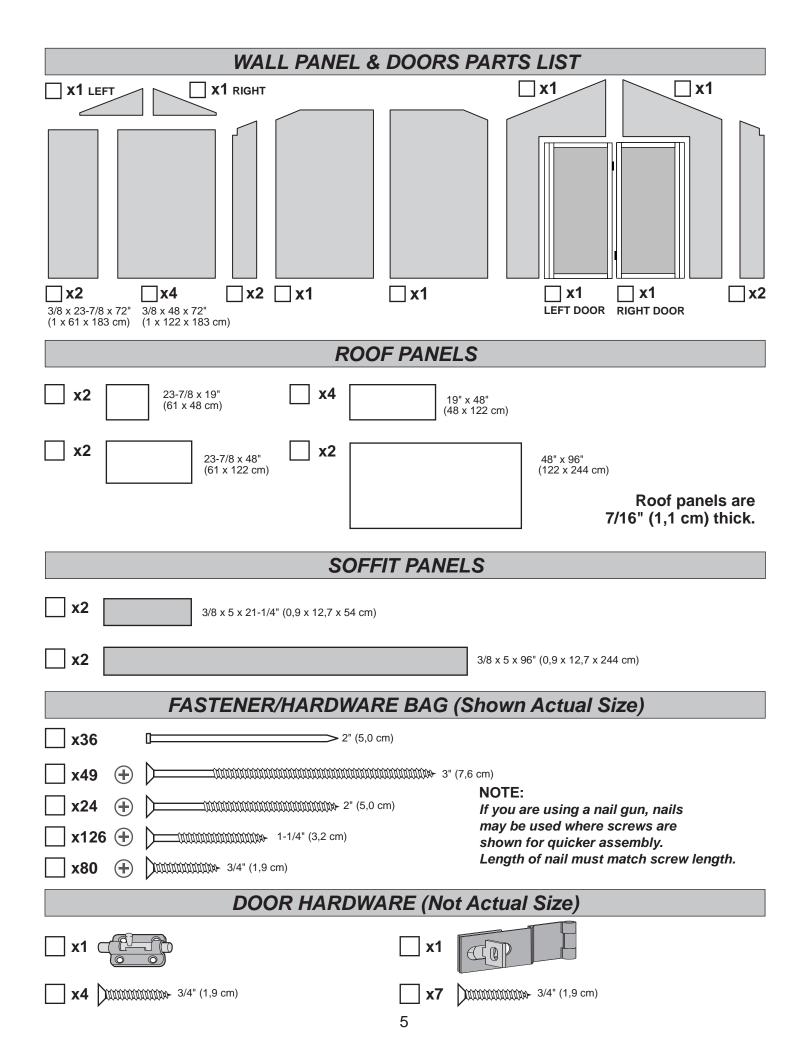
IMPORTANT! The included floor has been designed for general use. Depending on your specific use you may want to construct a heavy duty floor frame by adding additional floor joists (shown below as shaded). Below is a list of additional materials (not included):

#15 ROOFING FELTTo cover 112 Sq. Ft. of roof area.

x1 2 x 4 x 10' (5 x 10 x 305 cm) Treated Lumber Cut to (5) 2 x 4 x 21" (5 x 10 x 53,3 cm) x5 2 x 4 x 8' (5 x 10 x 244 cm) Treated Lumber Cut to (5) 2 x 4 x 89-1/2" (5 x 10 x 227 cm) x40 ea. 3" (7,6 cm) Hot Dipped Galvanized Nails		
	→ Optional 12" (30,5 cm) spacing Standard 24" (61 cm) spacing	
COMPLETING YOUR SHED You will need these additional materials:		
3-TAB SHINGLES 5 Bundles	1" GALVANIZED ROOFING NAILS 2 Lbs For shingles.	
PAINT FOR SIDING	PAINT FOR TRIM1 Quart Use 100% acrylic latex exterior paint.	
CAULK	1" GALVANIZED ROOFING NAILS1/4 Lb For roofing felt.	
x2 lbs. 2" (5,0 cm)	> 3" (7,6 cm)	
TO VALIDATE YOUR WARRANY YOU I	NUST USE THE FOLLOWING ITEMS:	

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

			PAR	(15 IDENTIFIC	ATION AN	ID SIZE	:5	
Part identification is stamped on some parts.				Treated lumber is s	tamped:	WOOD Nominal Bo	SIZE CONVERSION ard Size	ON CHART Actual Size
				TREATE	ח	1	1-1/2" x 3-1/2"	
	R	RS	RS			1	3/4" x 3-1/2" (1-1/2" x 2-1/2"	
• Ch	eck these	e loca	tions for part stamp.			1	3/4" x 2-1/2" (` ' '
				PART	S LIST			
	VII	NVE	ENTORY YOUR PA We suggest s	RTS before you loorting parts by the	oegin.	they are	listed in.	
FLOOR	🚺 x	(6	TREATED 2 x 4 x 21	" (5 x 10 x 53 cm)			Treated lumb stamped:	
		(4	TREATED	2 x 4 x 48" (5 x	10 x 122 cm)		TREATE	
70		(4	TREATED		2 x 4 x 72" (5 x	10 x 183 cm)	THE ATE	
F	□ x	(6	TREATED		2	x 4 x 89-1/2"	(5 x 10 x 227 cm)	
	х	c 1	LT 2 x 3 x	22-1/8" (5 x 7,6 x 56 cm)				
	шх	ζ4	NH	2 x 3 x 46-1/4"	(5 x 7,6 x 117,5 cm)			
	Х	(8	OV		2 x 3 x 69" (5 x 7	7,6 x 175,3)		
77/	x 🔲	(2	OZ		2 x 3 x 70-1/4" (5	5 x 7,6 x 178,	4)	
WALL	x 🔲	(4	OY		2 x 3 x 72" (5 x	7,6 x 183 cm	n)	
	Х	(4	РВ		2 x 3 x 77"	(5 x 7,6 x 196	6 cm)	
	x 🗌	(2	PR			2 x 3 x 94	1-1/2" (5 x 7,6 x 240 cm)
	x	(2			7/16 x 2-1/2 x 7	73-1/2" (1,1 x	6,3 x 187 cm)	
RUSS	x	(8	6 x 24" (15	5 x 61 cm)				
RU	│	(8	CV		2 x 4 x 65-7/8" (5 x	10 x 167 cm)		
	 	(2	DN 1x3x	23-1/4" (2,5 x 7,6 x 59 cm)				
				2 2 2 2 5 5 5 1 1	E v 7 C v 147 2 cm)			
	│ │	(4	CDD		5 x 7,6 x 147,3 cm)			
2		(1	HJA	1 x 3 x 60	-5/8" (1,9 x 6,3 x 154	4 cm)		
TRIM	x 🗌	(2	BS			1 x 3 x 95-	1/2" (2,5 x 7,6 x 242,5 c	cm)
	x 🔲	c 1	GAA 1 x 3 x 5" (2,5 x 7,6 x	x 12,7 cm) USED AS A GA	UGE BLOCK FOR :	3/4" (1,9 CM)	MEASUREMENT.	
	x	(4	GBB 1 x 3 x 7-1/2" (2,5 x	x 7,6 x 19 cm)			3	/4" 1,9 cm)
	x	(4	3/4 x 5-1/8 x 8	3-3/8" (1,9 x 13 x 21,3 cm)	RIGHT PAINTED RI LEFT PAINTED GR	ED EEN		
DOOR	х	(2	00		69" Door Stiffener ((175,3 cm)	•	
		(1	ZJ		5/8 x 3 x 72" (1	I,6 x 6,3 x 18	3 cm)	



FLOOR PANELS (Not Included)

You will need floor panels and nails to complete your floor. -Floor panel sizes and quantities are shown below.

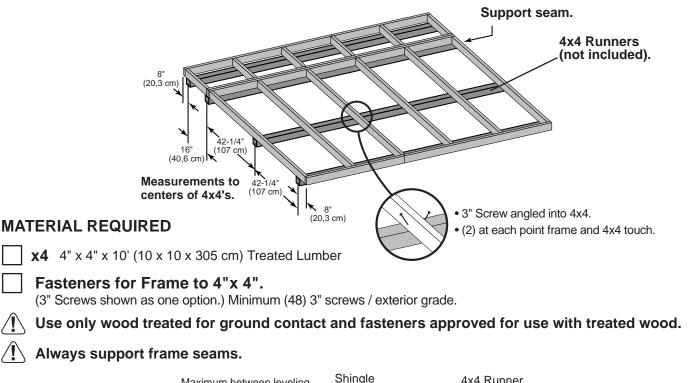
NOTE: Use a minimum of 5/8" (1,6 cm) oriented strand board (OSB).		
x1	23-7/8 x 23-7/8" (61 x 61 cm)	
x1	23-7/8 x 92-5/8" (61 x 235,3 cm)	
x1	23-7/8 x 96" (61 x 244 cm)	
x2	48 x 92-5/8" (122 x 235,3 cm)	
x1	1 lb. of 2" (5,0 cm) Hot Dipped Galvanized Box-Type Nails 2" (5,0 cm)	
	NOTES	

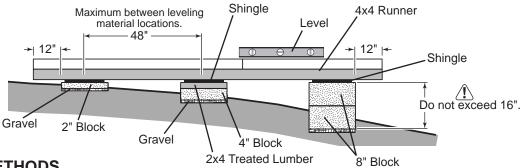
FLOOR LEVELING OPTIONS

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

Leveling materials are not included in this kit.

PREFERRED METHOD - 4x4 TREATED RUNNERS





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

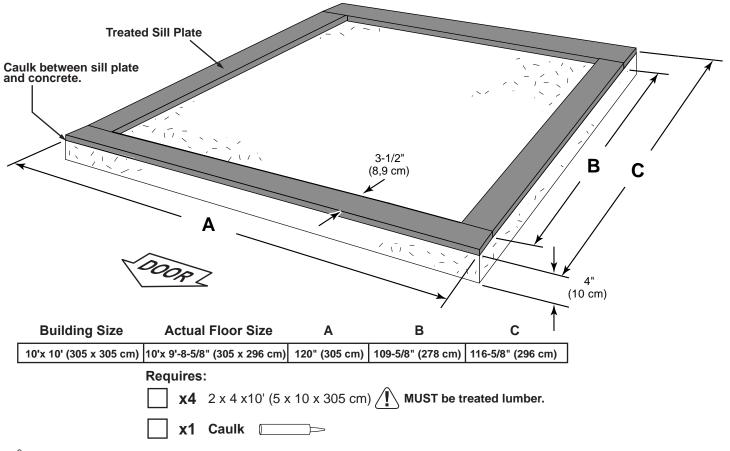
Leveling higher than 16" not recommended.

CONCRETE

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

CONCRETE FOUNDATION

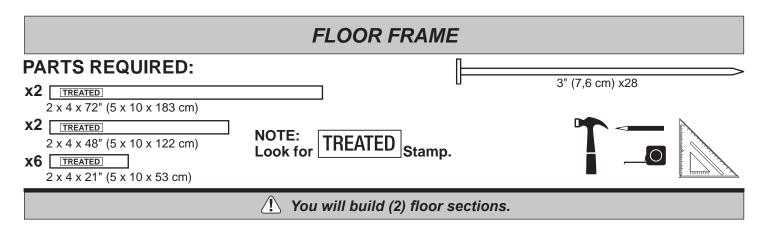
Your kit contains all materials to construct a wooden floor. If you choose to install your kit on a concrete slab refer to the diagram below.



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

- A treated 2 x 4" (5 x 10 cm) sill plate is required when installing your shed on concrete. **Hint: Use treated lumber in your kit or purchase full length treated lumber.**
- Use a high quality exterior grade caulk beneath all sill plates.
- Fasten 2 x 4" (5 x 10 cm) sill plates to slab using approved concrete anchors (fasteners not included).
- Check local code for concrete foundation requirements.

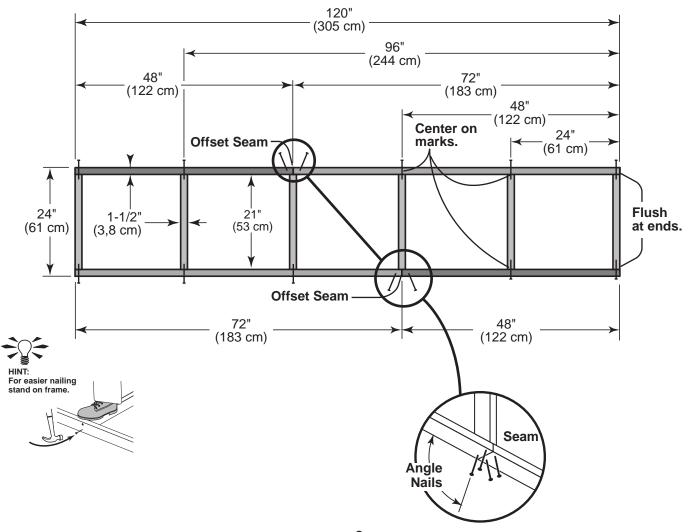
NOTES	



VBEGIN

- Orient parts as shown on flat surface.

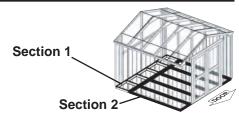
 Measure and mark each dimension from end of boards.
- 2 Secure with (2) 3" nails at each mark.

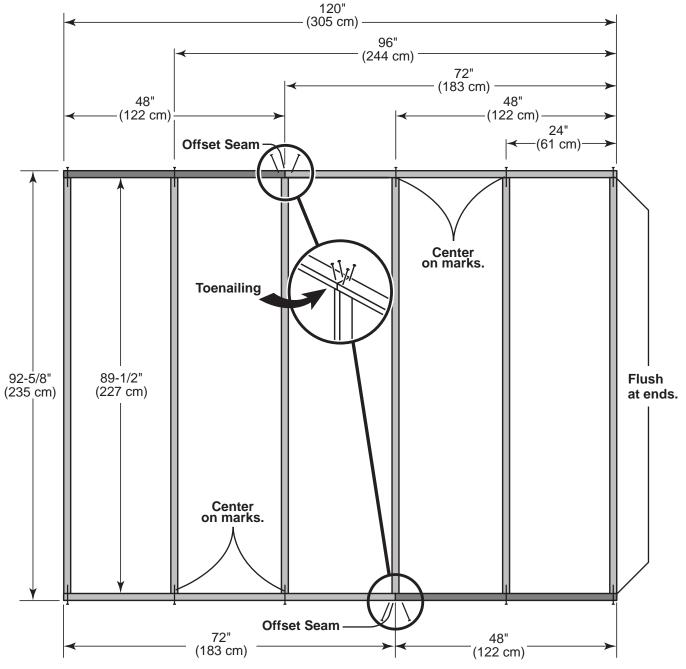


FLOOR FRAME PARTS REQUIRED: x2 TREATED 2 x 4 x 72" (5 x 10 x 183 cm) Treated Wood x6 TREATED 2 x 4 x 89-1/2" (5 x 10 x 227 cm) Treated Wood x2 TREATED 2 x 4 x 48" (5 x 10 x 122 cm) Treated Wood x3" (7,6 cm) x28 TREATED Stamp.

- Orient parts as shown on flat surface.

 Measure and mark from end of boards.
- 4 Secure with (2) 3" nails at each mark.





FLOOR FRAME

3" (7,6 cm) x40





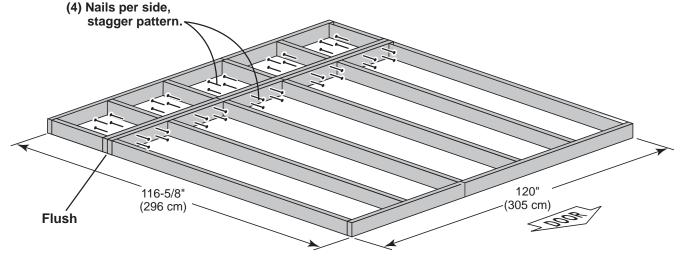


Connect both floor sections together with 3" nails, as shown.



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





STOP!

$\langle ! angle$ 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.



BEGIN

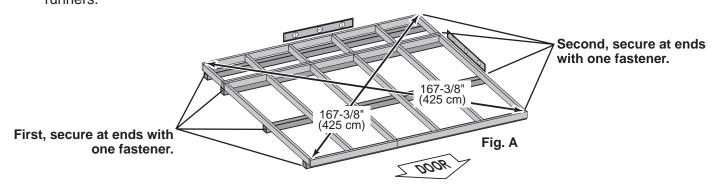
1 See page 7 for the preferred floor leveling method.

2 Use level and check the frame is level before applying 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 167-3/8" (425 cm).

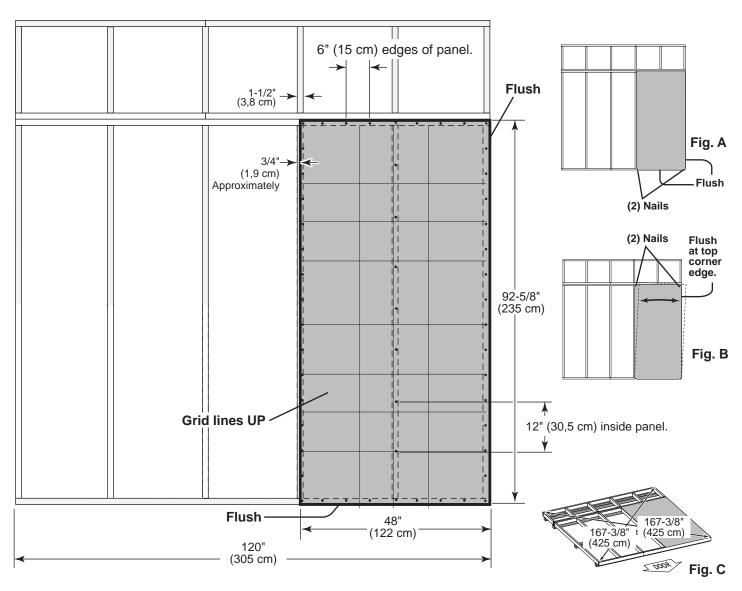
When the frame is level and square secure one side of frame to the 4x4 runners using one fastener at ends of each runner. At the opposite end of the frame, secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square (Fig. A).

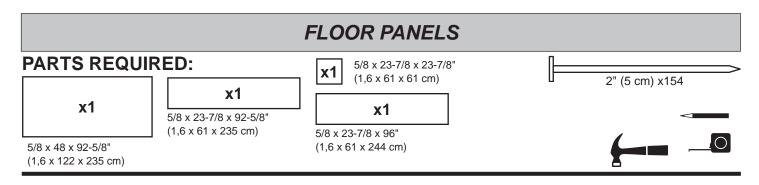
Once the floor frame is level and square fasten the frame at each point the frame contacts the 4x4 runners.



PARTS REQUIRED: FLOOR PANELS NOT INCLUDED. SEE PAGE 6 FOR PANEL SIZES AND QUANTITIES. 5/8 x 48 x 92-5/8" (1,6 x 122 x 235 cm)

- Ensure your floor frame is square by installing one panel and squaring frame.
- Install (1) 48 x 92-5/8" panel with the rough side up (painted-grid lines side) with the 48" edge and corner flush to the floor frame (Fig A). Secure panel with (2) 2" nails in the corners.
- Move to the opposite end. Using the long edge of the panel as a lever move the panel side-to-side until the top corner is flush to the floor frame (Fig. B). Secure panel with (2) 2" nails in the corners.
- Check the floor frame is square by measuring diagonally across the frame corners. If the measurements are the same your floor frame is square. The measurement will be approximately 167-3/8" (425 cm) (Fig. C).
- Continue securing the panel with 2" nails spaced 6" apart on edges and 12" apart inside panel. Use a chalk line or use pre-painted grid lines to nail into joists under panel.

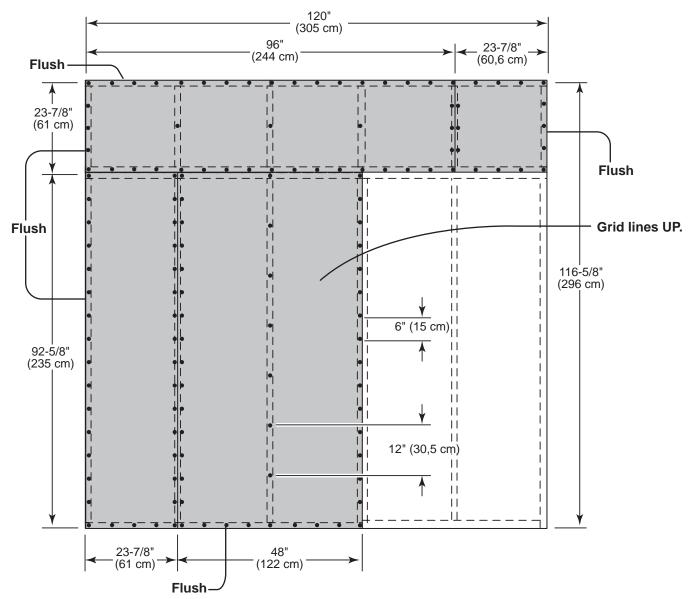




- 5 Continue installing panels with rough side up (painted grid lines).
- 6 Use a chalk line or grid lines on panels to estimate framing location Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.



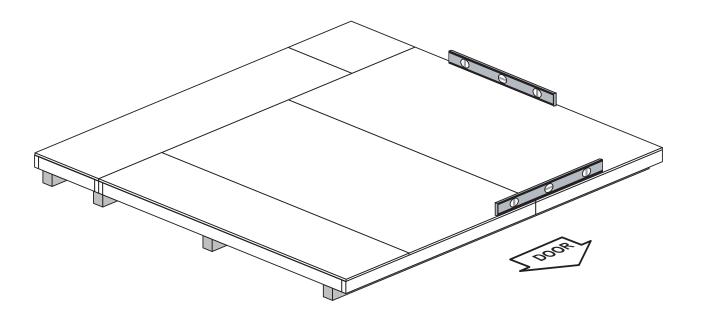
Your floor panels are now installed.



! IMPORTANT!

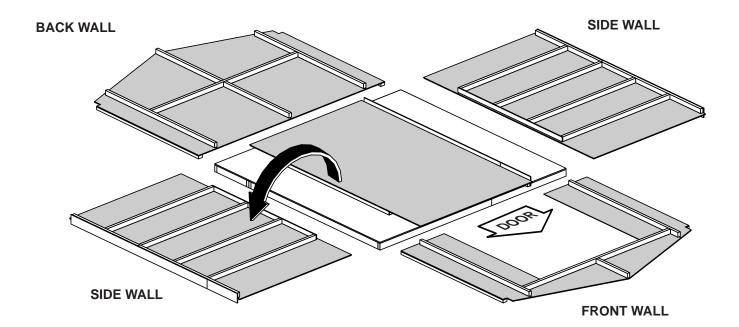


Check the floor frame is level after installing floor panels. Re-level if needed.





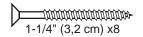
- The floor should used as a stable work surface for wall construction.
- **HINT:** Organize your assembly procedure during the build process to avoid over-handling of the walls.

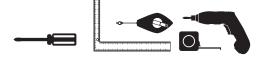


RAFTER ASSEMBLY JIG

PARTS REQUIRED:

x4 GBB 1 x 3 x 7-1/2" (2,5 x 7,6 x 19 cm)





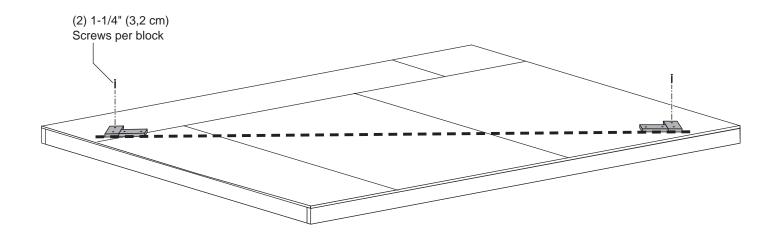


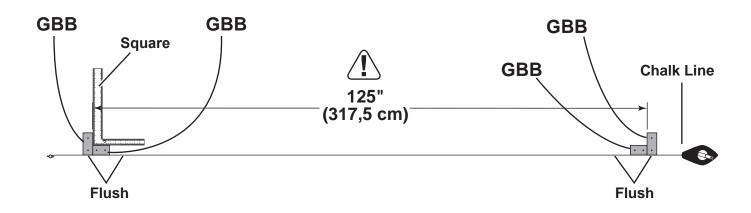
- Build a **Jig** to ensure all **Rafters** are assembled the same.
- 2 Mark a straight line on the **Floor** from corner to corner.
- 3 Screw blocks in place to measurement shown.

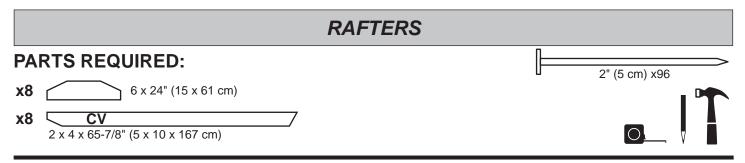


Make sure blocks are square and at 125" (317,5 cm)

You have finished building a Rafter Jig.







BEGIN

1 Place (2) rafter halves CV on floor jig. You will assemble (4) rafters.

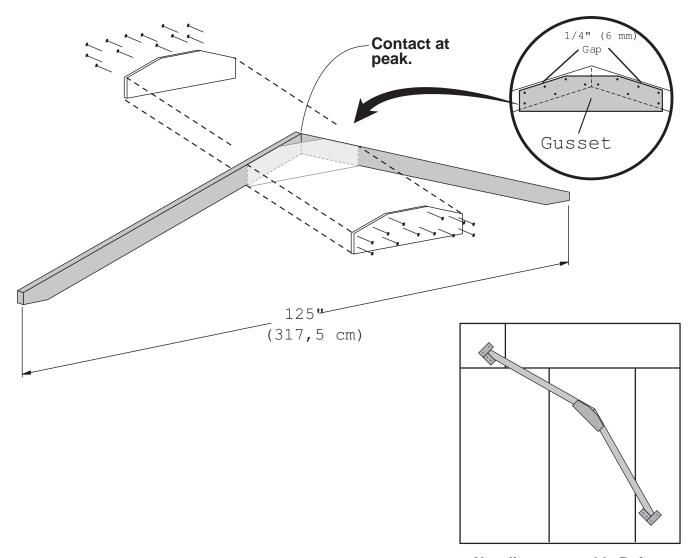
Rafters should touch at peak.

- 2 Secure gusset to rafter with 2" nails, staggered, as shown.
- 3 Flip over rafter assembly and nail gusset to back side.

Repeat steps to build (3) more assemblies.



Unscrew jig and save blocks. Set aside rafters and proceed to building your back wall.

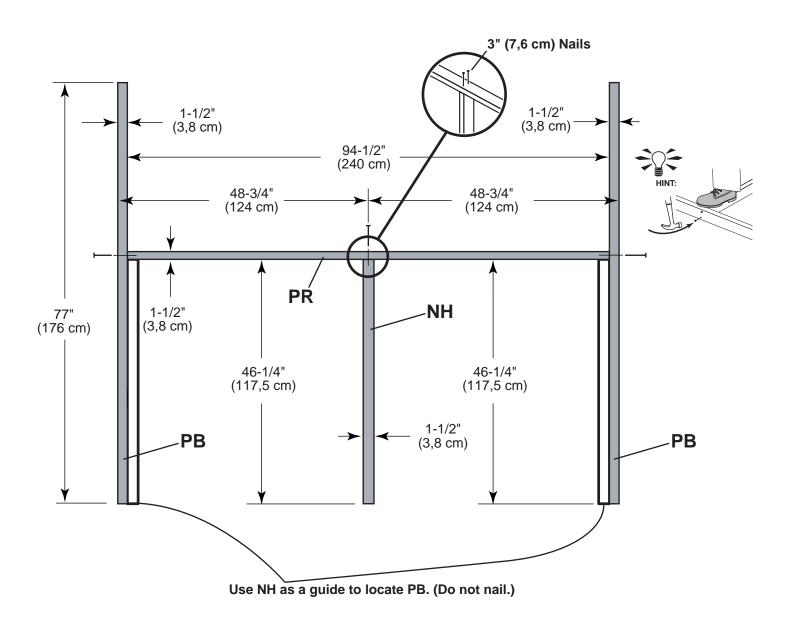


Use Jig to assemble Rafters.

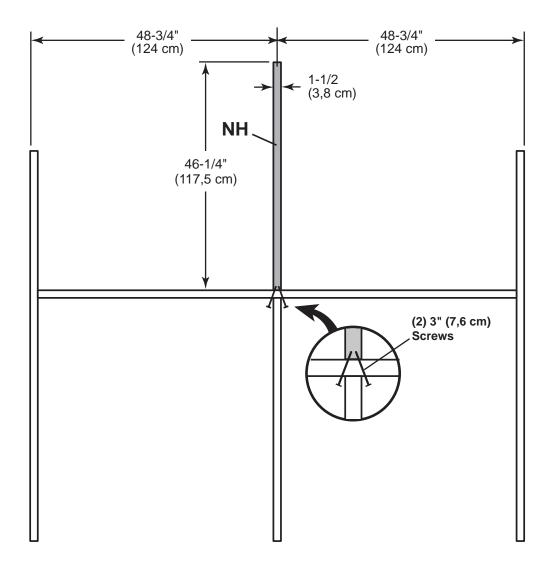
BACK WALL FRAME

BEGIN

- Orient parts on edge on floor as shown.
- 2 Secure with (2) 3" nails at each connection.



- 3 Orient parts on edge on floor as shown.
- 4 Secure with (2) 3" screws at middle connection.

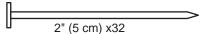


FINISH

You have finished building your back wall frame.

BACK WALL PANELS

PARTS REQUIRED:





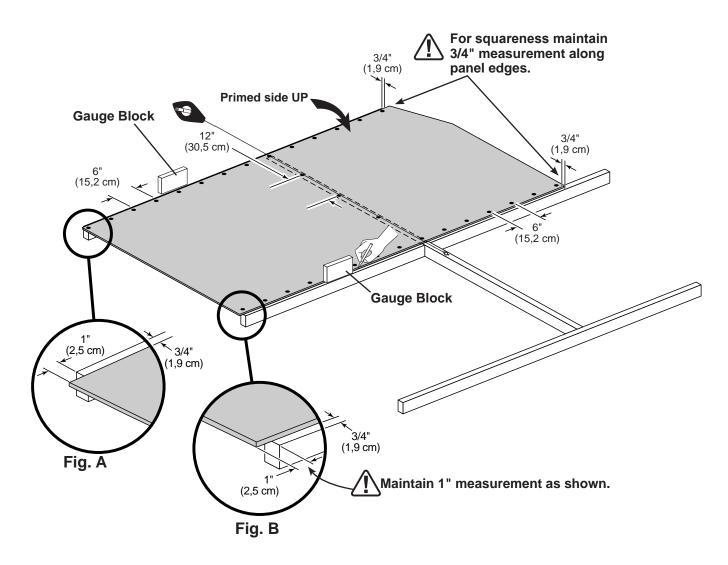
3/8 x 48 x 84" (1 x 122 x 213,4 cm)

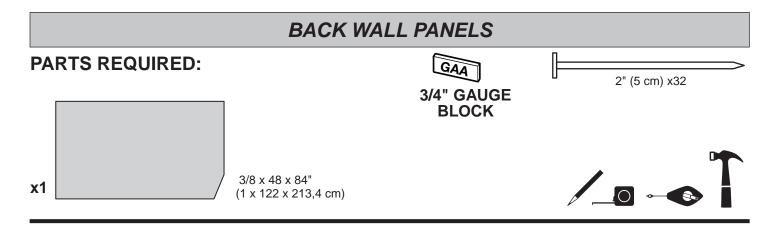




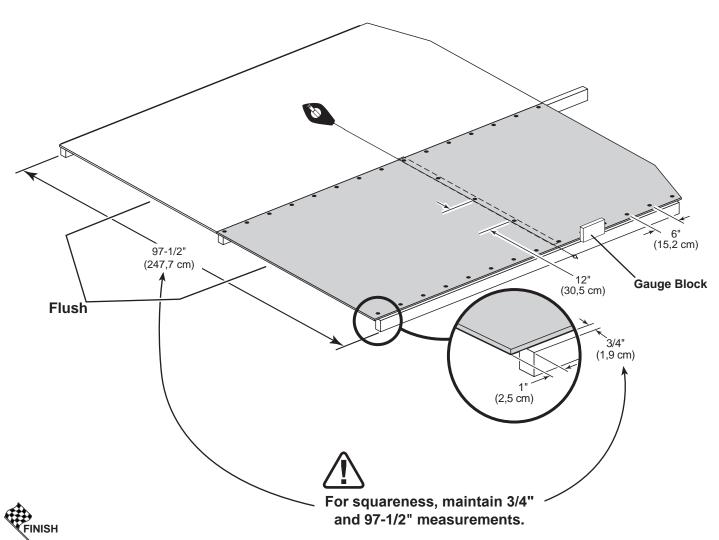
BEGIN

- Place left panel on back frame as shown with primed side facing up.
- Use a 3/4" gauge block at edges of panel. Be sure to maintain 1" measurement between bottom edge of frame and bottom edge of panel (Fig. A, B).
- Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.





- 4 Place right panel on back frame as shown with primed side facing up.
- 5 Use a 3/4" gauge block at edges of panel.
- 6 Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.



WING WALL PANELS

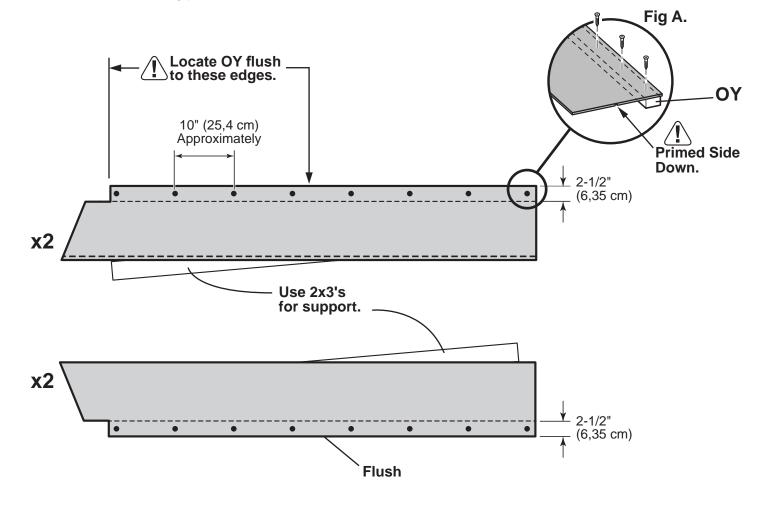
PARTS REQUIRED: x2 RIGHT x4 OY 2 x 3 x 72" (5 x 7,6 x 183 cm)

BEGIN

- 1 You will assemble (2) right and (2) left wing walls.
- Place OY on floor. Place a wing wall panel primed side down onto OY (Fig. A) and flush to panel edges as shown.
- 3 Secure parts flush to edges with (8) 1-1/4 screws spaced 10" apart.
- 4 You have finished building (2) sets of wing wall assemblies.

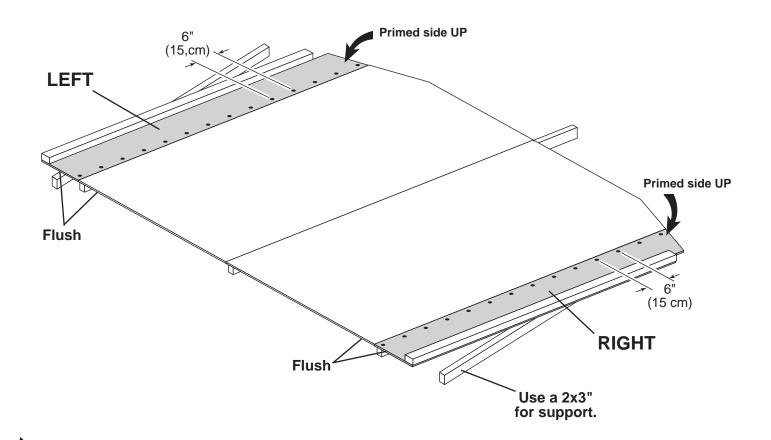
Set the wing wall assemblies aside.

Continue building your back wall.



Pre-assembled LEFT x1 Pre-assembled RIGHT Pre-assembled RIGHT

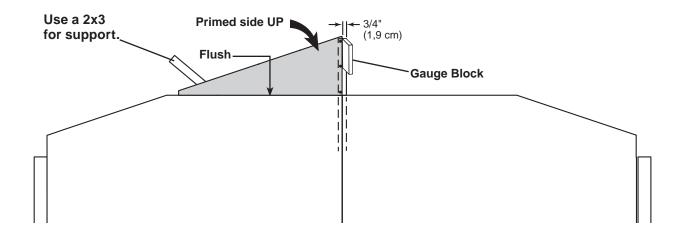
- 5 Place wing wall assemblies onto frame with bottom of panels flush.
- 6 Secure left and right wing wall assemblies to back wall frame with 2" nails spaced 6" apart.



Your wing walls are now installed

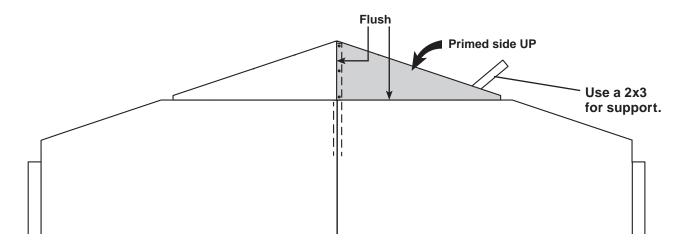
PARTS REQUIRED: 2" (5 cm) x6 x1 left x1 right

- BEGIN
 - Place left gable panel onto frame primed side up and flush to left panel.
- 2 Use a 3/4" gauge block at edge of panel. Secure with 2" nails along edge as shown.



3 Place right gable panel onto frame primed side up and flush to left panel.

Secure with 2" nails along edge as shown.





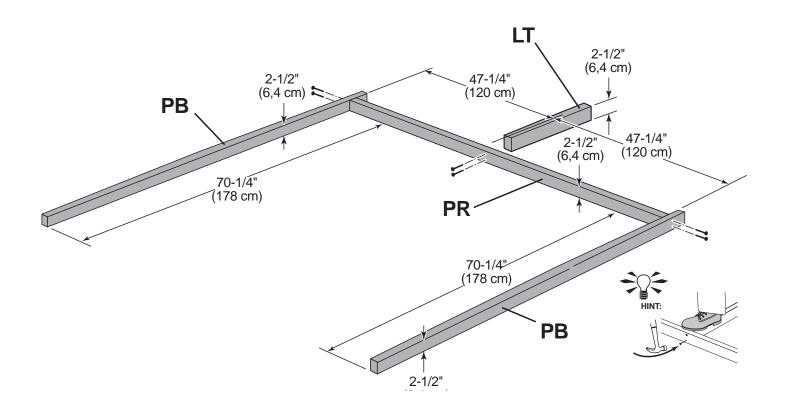
You have finished building your back wall.

FRONT WALL FRAME PARTS REQUIRED: x1 LT 2 x 3 x 22-1/8" (5 x 7,6 x 56 cm) x2 PB 2 x 3 x 77" (5 x 7,6 x 196 cm) x1 PR 2 x 3 x 94-1/2" (5 x 7,6 x 240 cm)

BEGIN

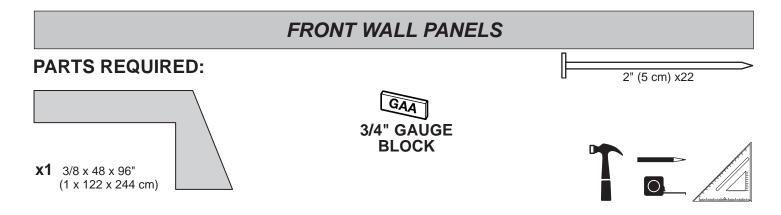
- Arrange (2) **PB**, (1) **PR** and (1) **LT** on edge on floor.
- Nail (2) PB to PR with (2) 3" nails at each end.
- 3 Ensure LT is centered with PR.

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



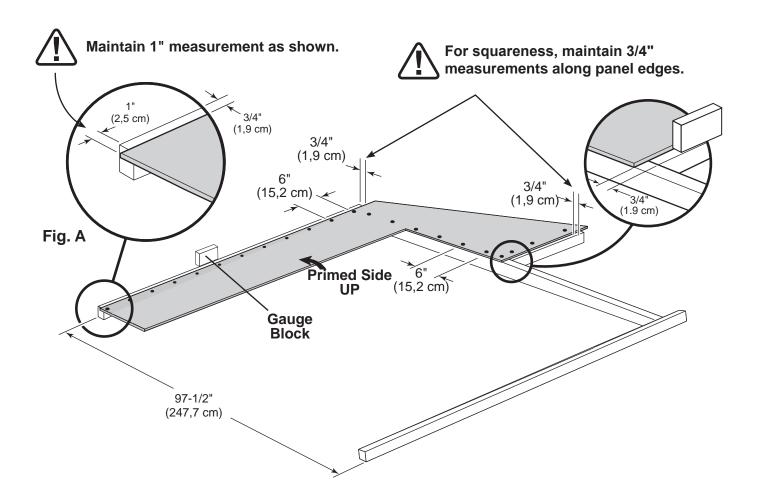


You have finished building your front wall frame.



VBEGIN

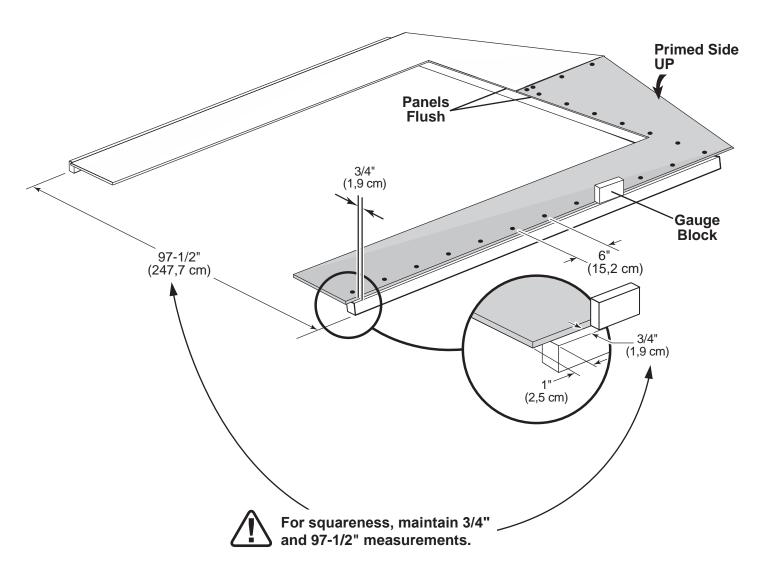
- Place left panel on front frame as shown with primed side up.
- Use a 3/4" gauge block on edges of panel.Be sure to maintain 1" measurement between bottom edge of frame and bottom edge of panel (Fig. A).
- 3 Secure panel to frame with 2" nails spaced 6" apart.



PARTS REQUIRED: 2" (5 cm) x22 3/4" GAUGE BLOCK 3/8 x 48 x 96" (1 x 122 x 244 cm)

- 4 Place right panel on front frame primed side up.
- 5 Use a 3/4" gauge block on edges of panel.

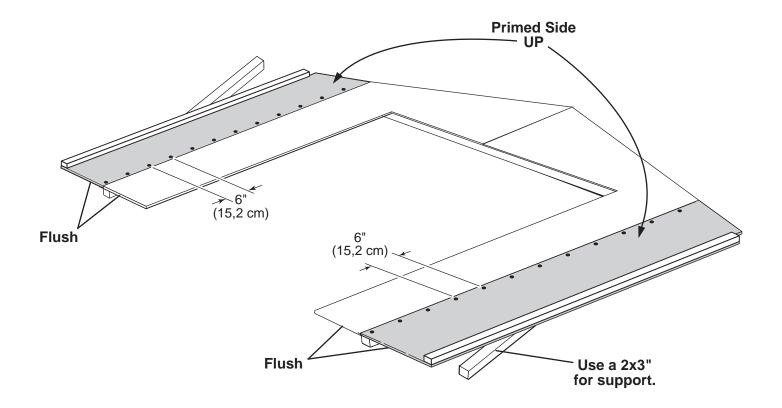
Secure panel to frame with 2" nails spaced 6" apart.



Pre-assembled LEFT x1 Pre-assembled RIGHT Pre-assembled RIGHT

Place wing wall panels onto frame with bottom of panels flush.

Secure left and right wing wall assemblies with 2" nails spaced 6" apart.



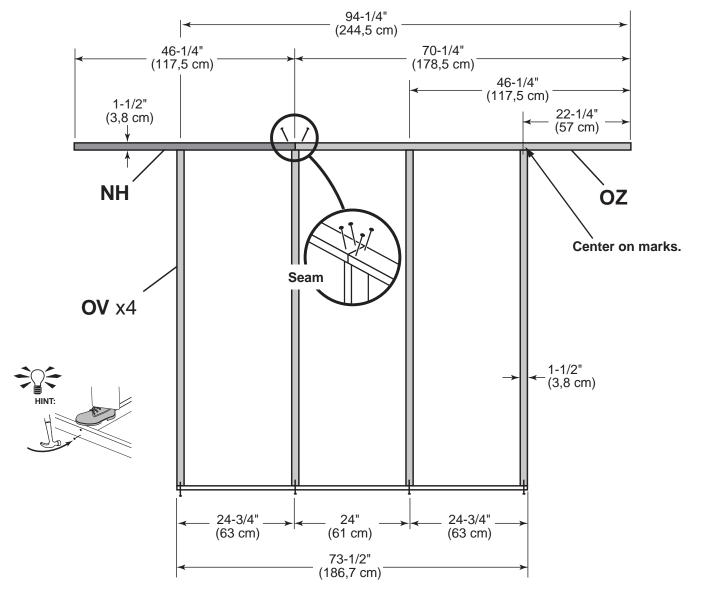
FINISH

Your wing walls are now installed.

SIDE WALL FRAMES PARTS REQUIRED: x2 NH 2 x 3 x 46-1/4" (5 x 7,6 x 117,5 cm) x8 OV 2 x 3 x 69" (5 x 7,6 x 175 cm) x2 OZ 2" x 3" x 70-1/4" (5 x 7,6 x 178,4 cm) x2 NH 2 x 3 x 69" (5 x 7,6 x 178,4 cm)



- Orient parts on edge on floor. Measure and mark from end of boards. IMPORTANT! You will build (2) walls the same.
- Secure with (2) 3" nails at each mark and (4) 3" nails at seam.



SIDE WALL FRAME- SOFFIT

PARTS REQUIRED:

1-1/4" (3,2 cm) x28

x2

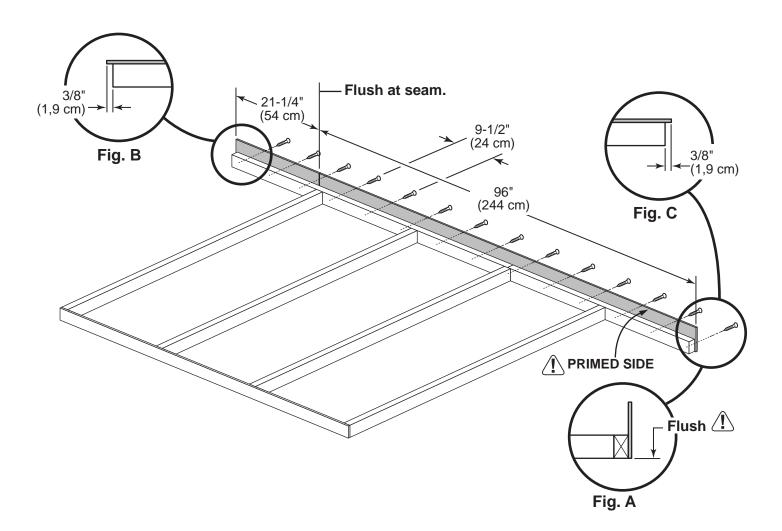
3/8 x 5 x 21-1/4" (0,9 x 12,7 x 54 cm)

x2

3/8 x 5 x 96" (0,9 x 12,7 x 244 cm)



- 3 Place panels onto 2x3 with primed side against 2x3 (Fig A).
 - Keep panels flush along entire edge of 2x3 top plate (Fig A).
- Flush soffit panels to 2x3 (Fig A) and ensure 3/8" offset at ends (Fig. B, C). Secure with (14) 1-1/4" screws.



SIDE WALL PANELS PARTS REQUIRED: 2" (5 cm) x34 3/4" GAA 3/4" GAUGE BLOCK

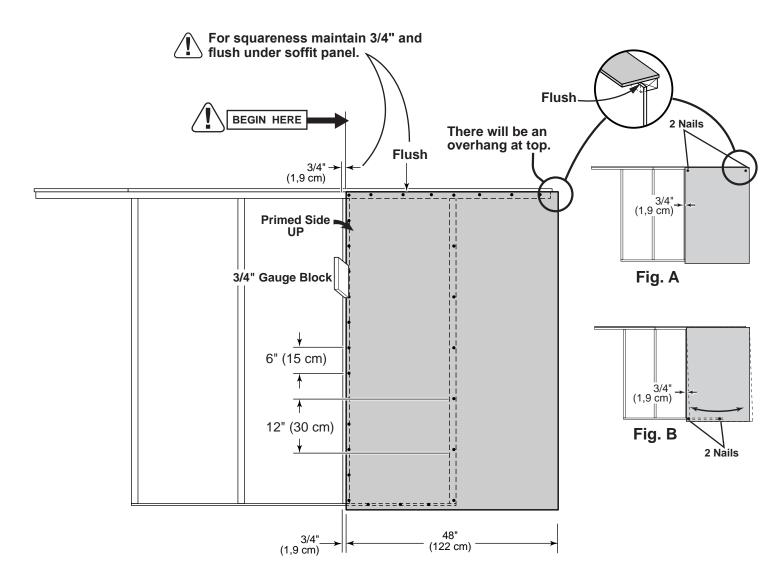


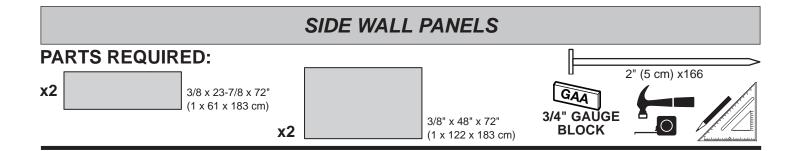
Ensure your wall frame is square by installing one panel and squaring frame.

Place (1) **48 x 72"** panel onto wall frame with primed side up as shown. Note the lip and square edges.

Use the gauge block to mark the 3/4" measurement on the wall stud. Locate the panel flush under the soffit panel. Secure panel with (2) 2" nails in the corners (Fig. A).

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



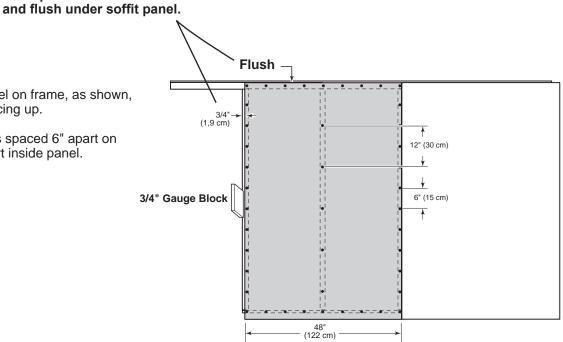


For squareness maintain 3/4"

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

with primed side facing up.

Place next 48" panel on frame, as shown,



For squareness maintain 3/4" and flush under soffit panel.

Place (1) 23-7/8" panel on frame as shown with primed side facing up.

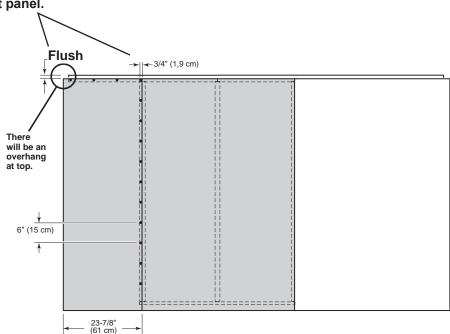
> Secure with 2" nails spaced 6" apart on edges.

Carefully flip your side wall over.

Repeat steps to assemble your second side wall.



You have finished building both of your side walls.



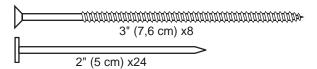
BACK WALL INSTALLATION

PARTS REQUIRED (TEMPORARY):

x1

00

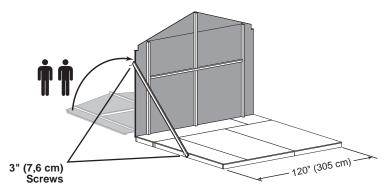
69" Door Stiffener (175,3 cm)



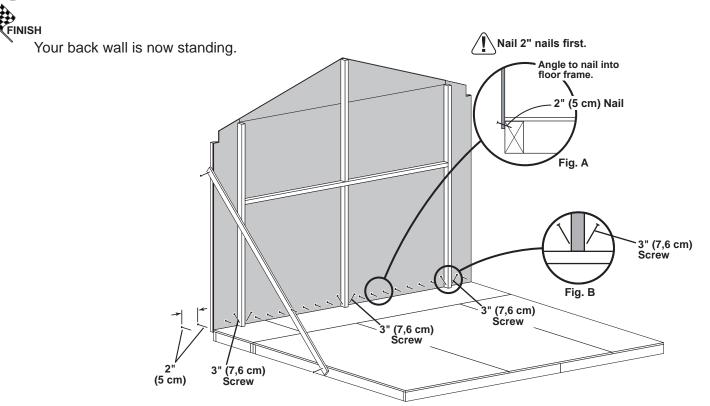


BEGIN

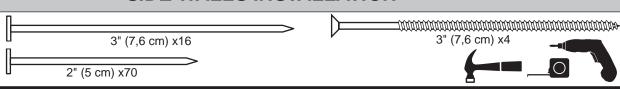
- 1 Center back wall assembly on the 120" (305 cm) floor dimension.
- 2 Use **00** as a temporary brace. Secure with (2) 3" screws.



- First, nail lower edge of panel to floor frame using 2" nails spaced 6" apart. Angle nail to hit floor frame (Fig. A).
- 4 Secure back wall uprights to floor with (2) 3" screws (Fig. B).



SIDE WALLS INSTALLATION



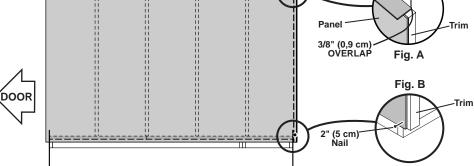




Center side wall on floor front to back.

Rest the top of the side wall so the soffi t panel overlaps the back wall panel 3/8" (Fig. A).

Secure the lower side wall corner to the back wall trim with (1) 2" nail **(Fig. B)**.



Soffit Panel

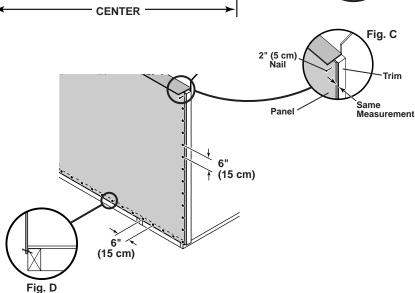
Be sure the measurement between the panel edge and the trim is the same along the entire length.

Secure wall with (1) 2" nail in the upper corner (Fig. C).

Secure the panel edge to the trim with 2" nails spaced 6" apart.

Secure bottom of panel with 2" nails spaced 6" apart.

Angle nail to hit floor frame (Fig. D).

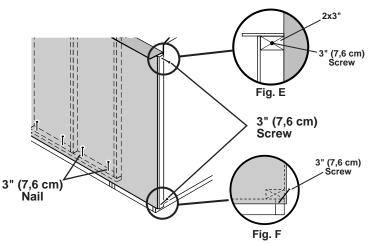


3 Secure the bottom plate with 3" nails between the wall studs.

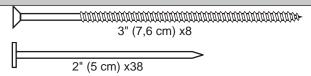
Screw through the back wall trim into the top and bottom plates with (1) 3" screw (Fig. E).

Screw through the back wall trim with (1) 3" screw. Angle screw to hit floor frame (Fig. F).

Repeat process to secure the left side wall.



FRONT WALL INSTALLATION



Soffit Panel



VBEGIN

Stand front wall on floor.

 \bigwedge It is important to secure the front wall in the following order.

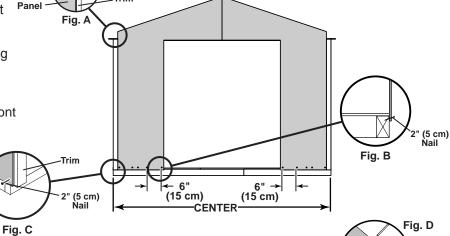
Center front wall on floor side-to-side.

The side wall soffit will overlap the front wall 3/8" (Fig. A).

Nail the front wall flush to the floor using 2" nails spaced 6" apart.

Angle nails to hit floor frame (Fig. B).

Nail the lower side wall corner to the front wall trim with (1) 2" nail **(Fig. C)**.



3/8" (0,9 cm) OVERLAP

Trim

Be sure the measurement between the panel edge and the trim is the same along the entire length.

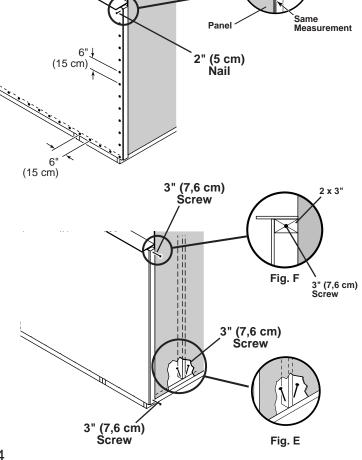
Secure with (1) 2" nail in the upper corner (Fig. D).

Secure the panel edge to the trim with 2" nails spaced 6" apart.

Secure the front wall frame using (2) 3" screws (Fig. E).

Screw through the front wall trim into the top and bottom plates using (1) 3" screw (Fig. F).

Repeat process to secure the right side of the front wall.



2" (5 cm) Nail

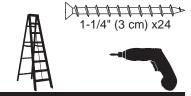
GABLE TRIM

PARTS REQUIRED:

x4 /

CDD

2 x 3 x 58" (5 x 7,6 x 147,3 cm)



BEGIN

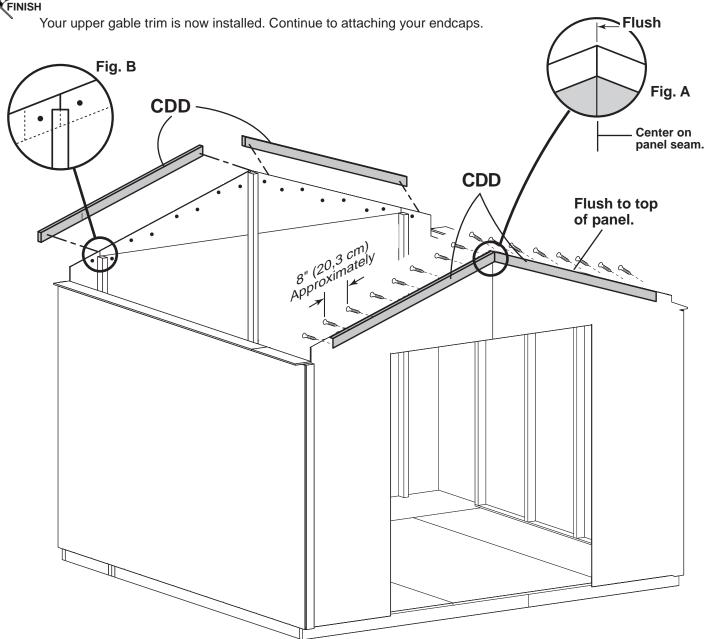
Position one **CDD** flush to front panel edge and center on panel seam **(Fig. A)**. Secure trim with with 1-1/4" screws from inside. Use (2) screws at seam **(Fig. B)**.



Position second **CDD** flush to panel edge and flush to installed **CDD** (**Fig. A**). Secure trim with (8) 1-1/4" screws from inside. Install (2) screws at seam (**Fig. B**).

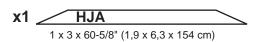
Repeat steps to install the back trim.

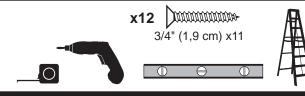




BACK WALL GABLE TRIM

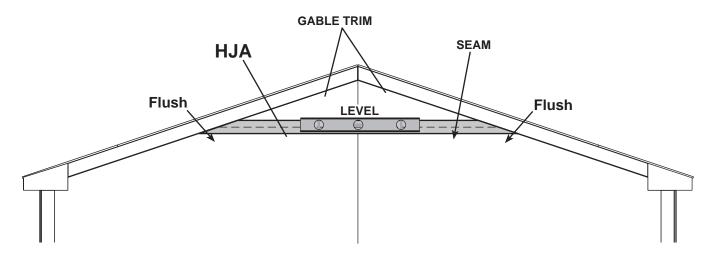
PARTS REQUIRED:



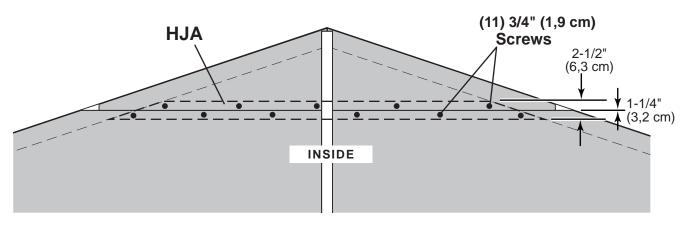




Clamp or hold trim **HJA** onto gable panel seam and up against gable trim. Ensure **HJA** is level.



2 From the inside, secure HJA with 3/4" screws as pattern shows.



FINISH

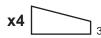
You have attached your back wall gable trim.

TRIM / ENDCAPS

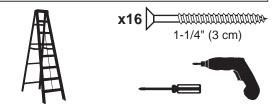
PARTS REQUIRED:

x4 GBB

1 x 3 x 7-1/2" (2,5 x 7,6 x 19 cm)



3/4 x 5-1/8 x 8-3/8" (1,9 x 13 x 21,3 cm) RIGHT PAINTED GREEN





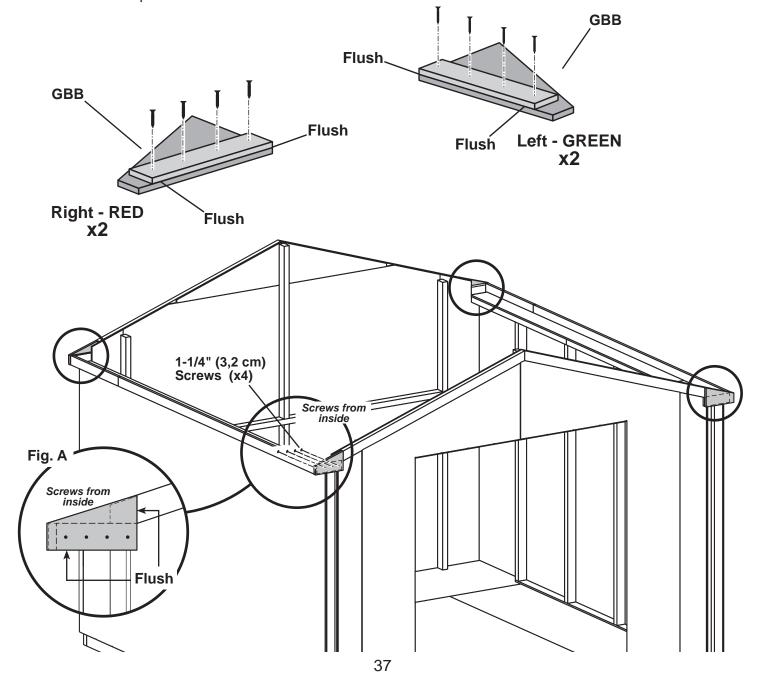
Secure (2) **GBB** boards onto endcaps with 1-1/4" screws, as shown.

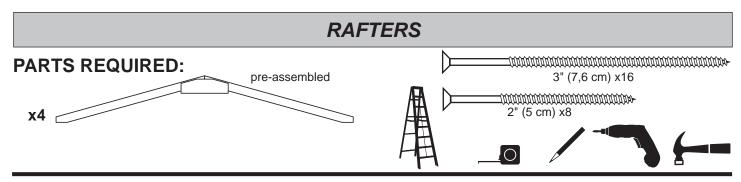
Repeat steps to build (2) more endcaps.

FINISH

Locate endcaps flush with upper trim and corner trim. Secure each endcap from inside of shed with (4) 1-1/4" screws (Fig. A).

Your endcaps are now installed.





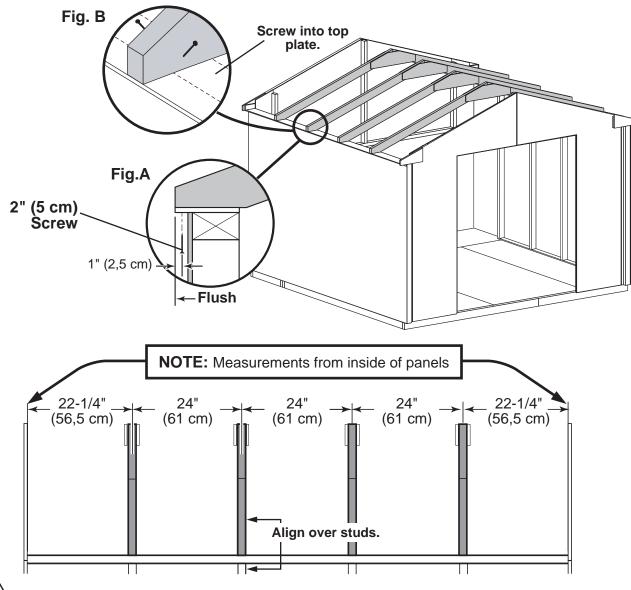


FINISH

- Locate rafters directly over studs and flush to overhang in wall frame (Fig. A). Check that you have the measurements shown. Screw through soffit panel into rafters using one 2" screw (Fig. A).
- Attach with (2) 3" screws at each end (Fig. B). Re-tighten 2" screws if neccessary.
- Repeat steps to attach 4 rafters.



You have attached your rafters.



TRIM PARTS REQUIRED: x2 DN 1 x 3 x 23-1/4" (2,5 x 7,6 x 59 cm) x2 BS 1 x 3 x 95-1/2" (2,5 x 7,6 x 242,5 cm)

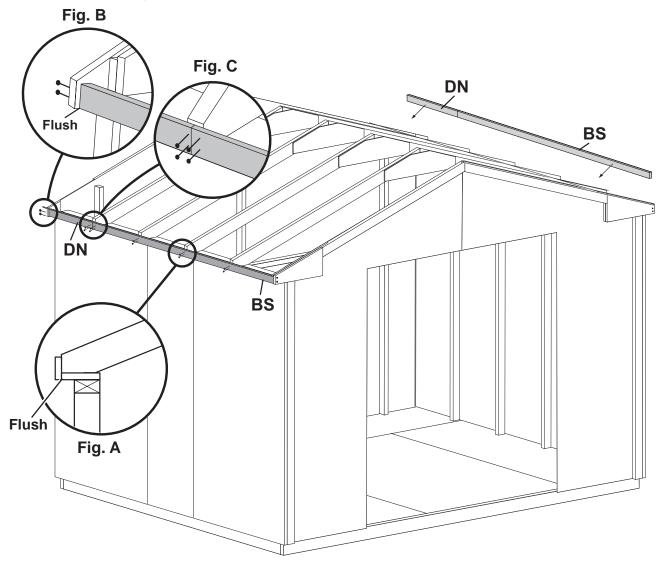


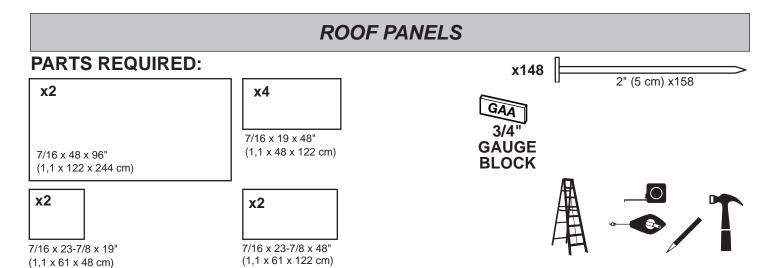
Attach fascia trim flush to bottom of soffit (Fig. A) and endcaps at ends of rafters (Fig. B, C) using 2" (5 cm) nails as shown.

Repeat steps to attach fascia trim on both sides.



You have attached your fascia trim.





Roof panels may cause serious injury until securely fastened.

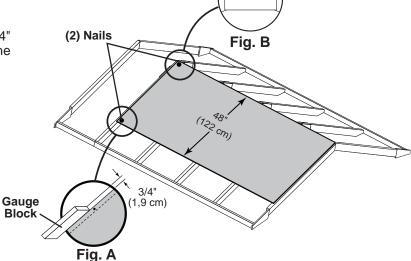
You must square the roof by attaching one panel fist. You will use the panels' long edge as a lever to bring your roof into square. Commonly known as "racking".

Flush at peak.

√BEGIN

Install (1) 48 x 96" panel with the rough side up (painted-grid lines side) with a 3/4" measurement on the rafter (Fig A) and the panel flush at the peak (Fig. B).

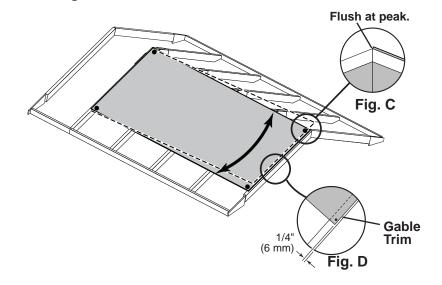
Secure panel with (2) 2" nails in the corners.



Move to the opposite end. Using the long edge of the panel as a lever move the panel side-to-side until the top corner is flush to the peak (Fig. C) and there is 1/4" measurement to the gable trim (Fig. D).

You may need to move your back wall to get the 1/4" measurement.

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



ROOF PANELS

PARTS REQUIRED:



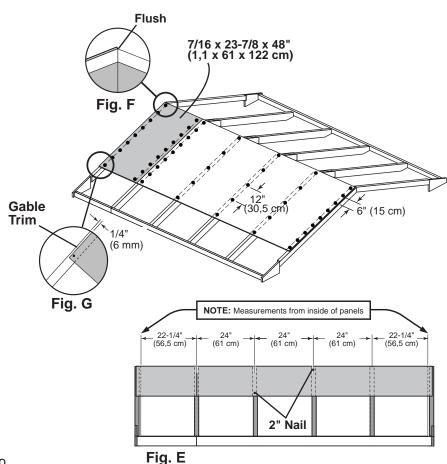


3 Keep spacing between the center of the rafters at the lower edge of the panel and secure with one 2" nail into each rafter (Fig. E).

Move to the top of the panel and keep spacing between the center of the rafters. Secure with one 2" nail into each rafter (Fig. E).

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

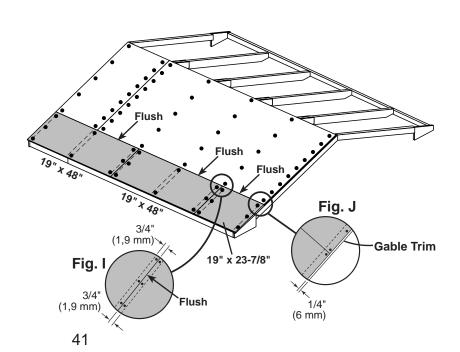
Attach the second **23-7/8 x 48"** upper roof panel flush to first panel, flush at peak and with the 1/4" measurement **(Fig. F, G)**.



Install the lower (3) roof panels flush to the upper panels (Fig. J), 3/4" on rafter (Fig. I) and with a 1/4" measurement at the gable trim (Fig. J).

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

Repeat process to install roof panels on the opposite side.

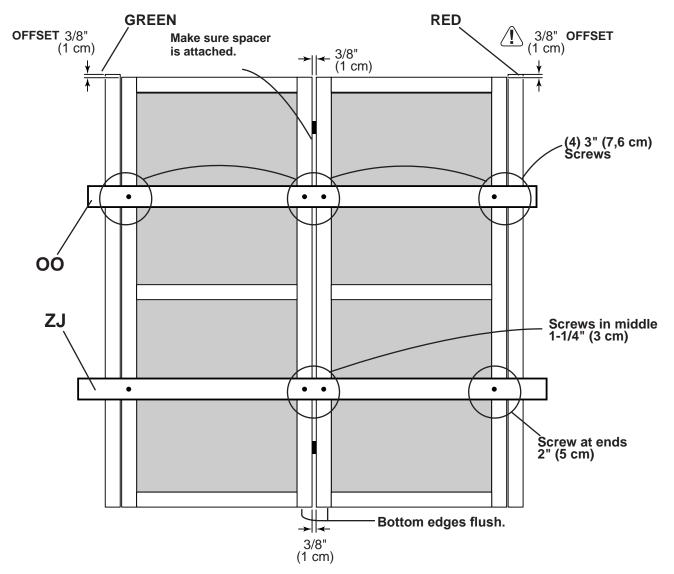


DOORS PARTS REQUIRED: 1-1/4" (3 cm) x2 TEMPORARY SUPPORT 00 x1 [69" Door Stiffener (175,3 cm) 2" (5 cm) x2 HINT: Look for 3/8" SPACER attached to doors. 3" (7,6 cm) x4 **x1** TEMPORARY SUPPORT **x**1 5/8 x 3 x 72" (1,6 x 7,6 x 183 cm) Left Door Right Door

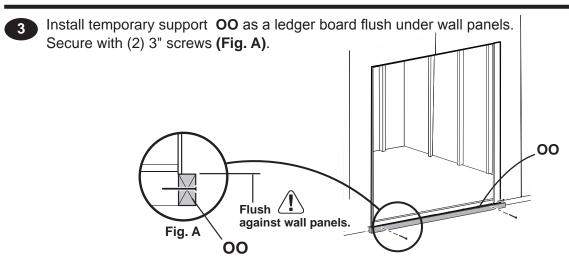
✓BEGIN

- Orient parts as shown on flat surface. 1 3/8" offset is to top. Look for red (right) and green (left) on hinge board.
- 2 Install temporary support **OO** with 3" screws in middle and at ends.

Secure temporary support **ZJ** at bottom with 1-1/4" screws in middle and 2" screws at ends.



PARTS REQUIRED: x1 OO TEMPORARY SUPPORT 69" Door Stiffener (175,3 cm)



- 4 Center doors on right edge of groove as shown (Fig. B).
 - ! Check ledger board is still flush under panels.
- Screw hinge boards into wall supports and floor using (4) 3" screws, as shown.

 Nake sure screws go into framing and floor (Fig. C, D).
- Remove temporary supports and check doors open properly.

 Center 3/8"
 measurement on right edge of groove.

 Fig. C

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

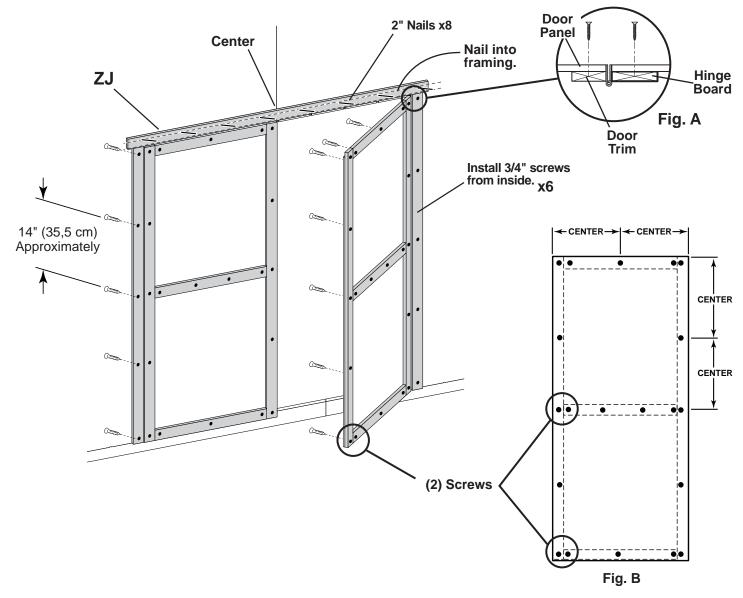
Your doors are now installed.

PARTS REQUIRED: x1 ZJ 5/8 x 3 x 72" (1,6 x 7,6 x 183 cm) 2" (5 cm) x8 3/4" (1,9 cm) x40

- BEGIN

 Secure hinge boards from inside with 3/4" screws as shown (Fig. A).
- Reinforce the door trim with 3/4" screws through door panel into trim (Fig. A). Locate screws as shown in Fig. B. Secure with (2) screws at seams.
- 3 Center trim **ZJ** over doors and secure using (8) 2" finish nails into framing as shown.

You have finished securing your door and trim.



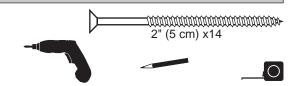
DOOR WEATHERSTRIP

PARTS REQUIRED:

х2 Г

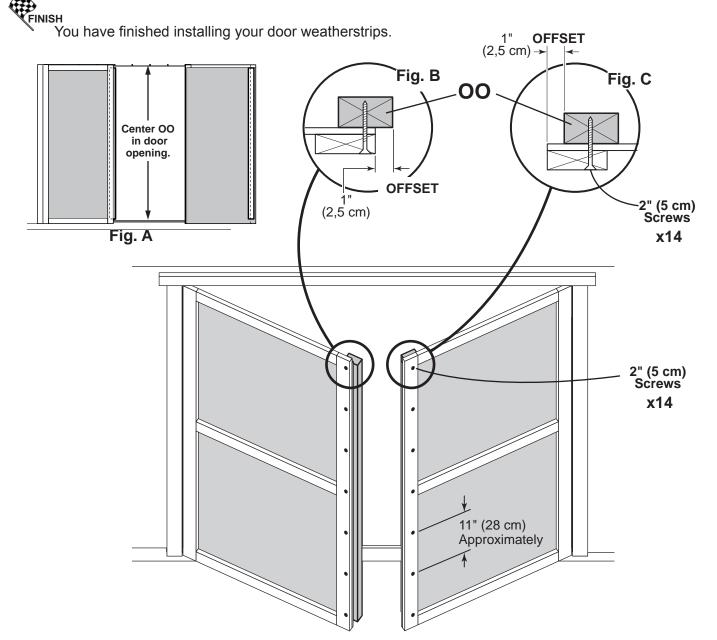
00

69" Door Stiffener (175,3 cm)



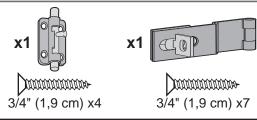
BEGIN

- With left door closed, center a weatherstrip **OO** vertically on the left door in the door opening **(Fig. A)**. **OO** will offset the left door 1" OUT past the door trim 1" **(Fig. B)**.
- Secure OO with (7) 3" screws through outside trim into OO (Fig. B)
- On right door center **OO** vertically in door opening **(Fig. A)**. **OO** will offset the right door 1" IN from the door trim **(Fig. C)**.
- 4 Secure **OO** with (7) 3" screws through outside trim into **OO** (**Fig. C**).



DOOR HARDWARE

PARTS REQUIRED:

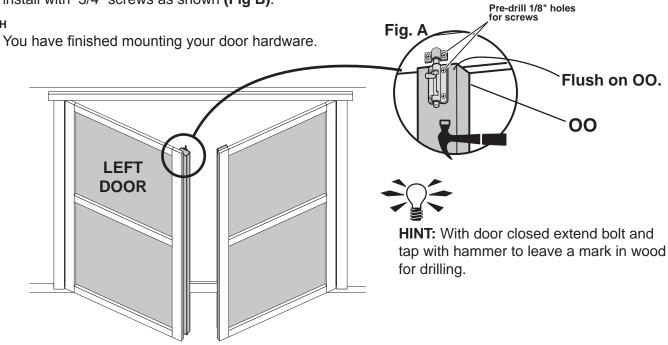


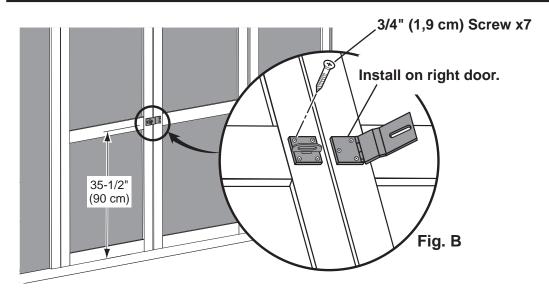


√BEGIN

- Mount barrel bolt flush at top of **OO** on left door using 3/4" screws as shown (Fig A).
- With door closed mark hole location for bolt to extend into.

 HINT: Extend bolt to leave a mark in wood. Tap bolt with hammer. Drill 3/8" hole deep enough for bolt to slide into.
- Install hasp on right door and latch on left door. Bottom edge of hasp is 35-1/2" (90 cm) up from bottom edge of door trim. Measure and mark locations and install with 3/4" screws as shown (Fig B).





PAINT & CAULK - NOT INCLUDED -



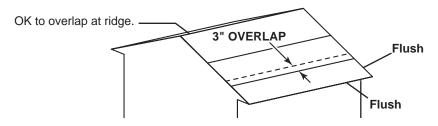
- Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.
- Use a high quality exterior acrylic latex paint. When painting your building, there are a few key areas that can be easily overlooked that must be painted: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

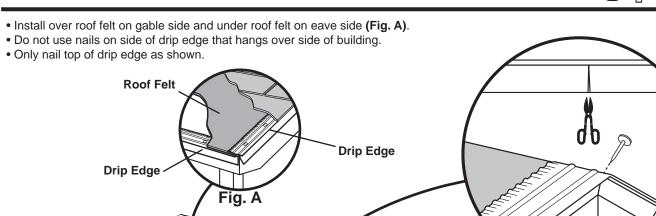
ROOF FELT - NOT INCLUDED -

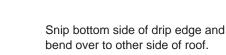
• Install felt flush to all roof edges overlapping 3". Use minimal amount of roofing nails to hold in place.











(Follow directions provided by manufacturer.)

Edge flush to trim.

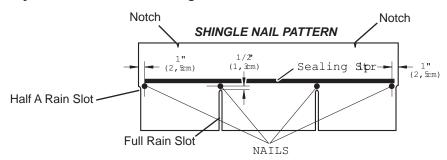
SHINGLES - NOT INCLUDED -

• Follow directions provided by manufacturer and these instructions.





Familiarize yourself with a 3-Tab Shingle.

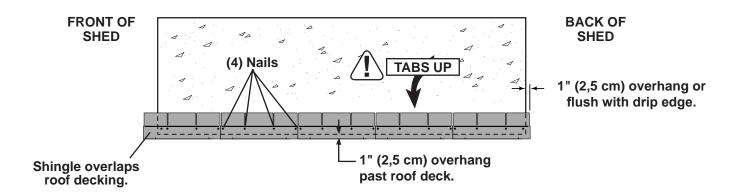


NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

VBEGIN

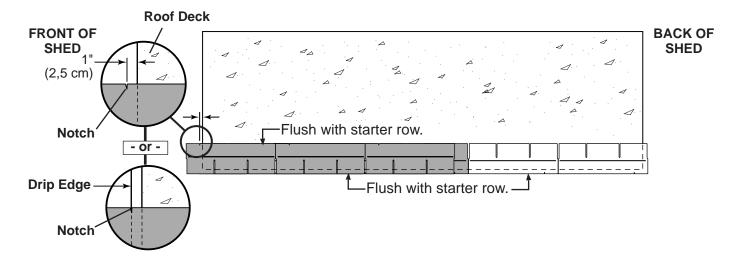
Install first starter row upside down and color up with a 1" overhang at back and bottom of roof panel. Use (4) nails per shingle. Starter row must be straight and level all the way across with lower edge of roof deck.

NOTE: If you have installed drip edge install shingles flush to drip edge.

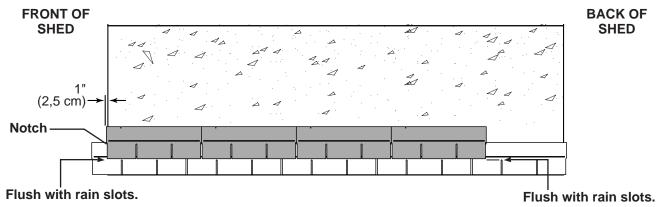


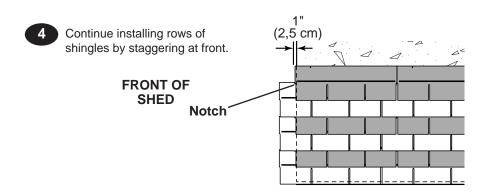
SHINGLES continued...

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



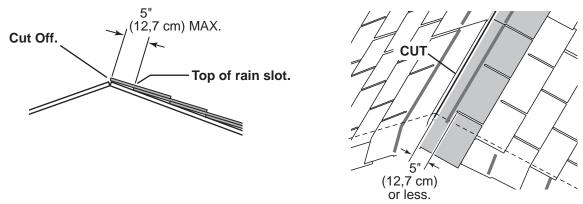
Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.





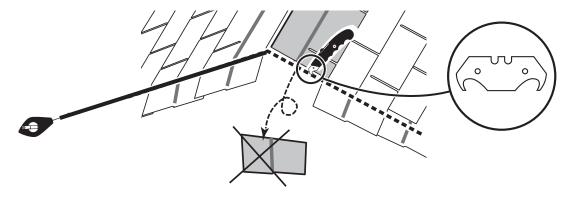
SHINGLES continued...

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.

- Repeat steps 1 5 to shingle the opposite side of your roof. Trim shingles at ridge.
- Once both sides are shingled you need to trim ends. Strike a chalk line 1" from edge.
- Using your shingle hooked blade carefully cut shingles along chalk line.





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

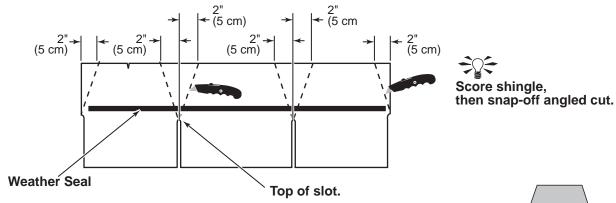
SHINGLES - RIDGE CAP

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



VBEGIN

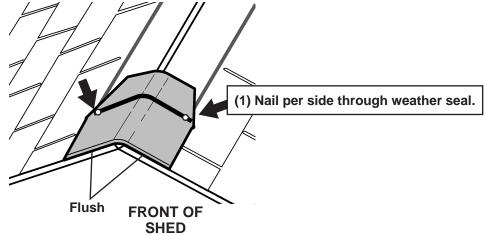
Cut shingles into THREE pieces. Hint: Use cut-off pieces first.



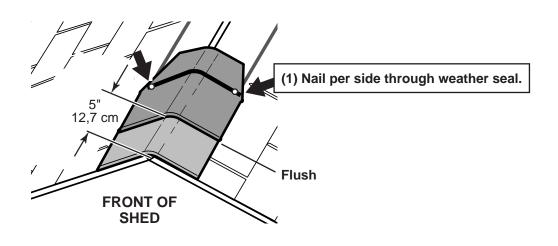
Note: • You will need about 24 - 26 cut pieces.



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

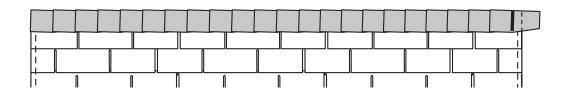


3 Install second ridge cap 5" back, as shown.

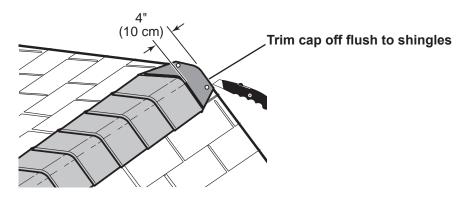


SHINGLES - RIDGE CAP continued...

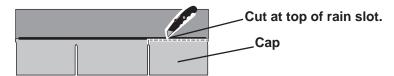
4 Continue installing ridge cap to back of roof.



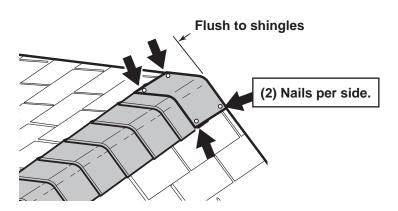
5 Make sure there is 4" between the shingle-color and edge of shingles.



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



7 Install flush to shingles.



FINISH

You have finished your ridge cap.

LIMITED CONDITIONAL WARRANTY*

Backyard Storage Solutions, LLC warrants the following:

- 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.
- Solar Shed windows are warranted for 1 year.
- 6. 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:

- The unit has been erected in accordance with the assembly instructions.
- 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