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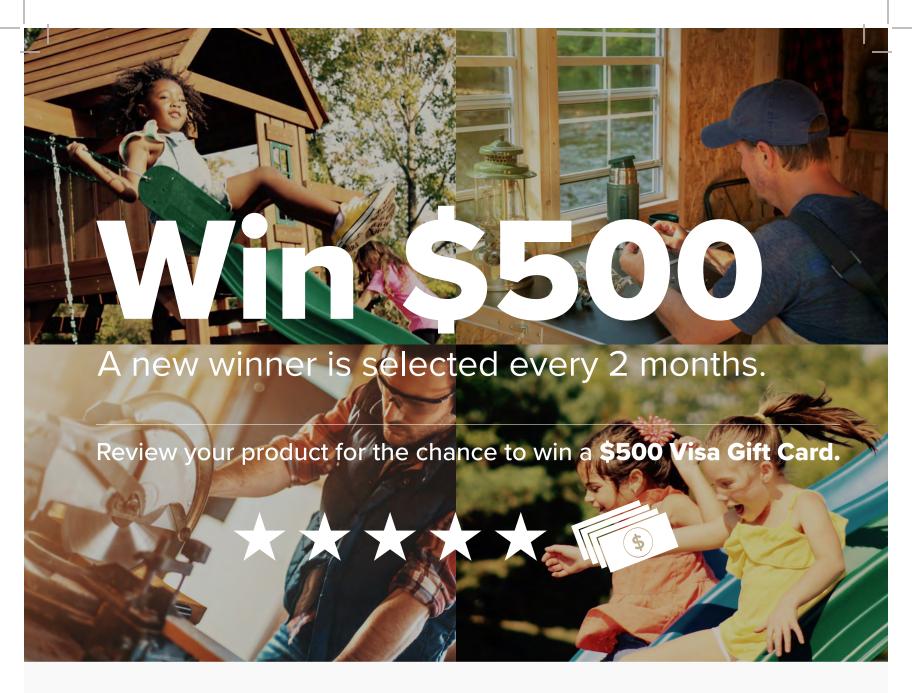


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Backyard Products, LLC 1000 Ternes Drive Monroe, MI 48162

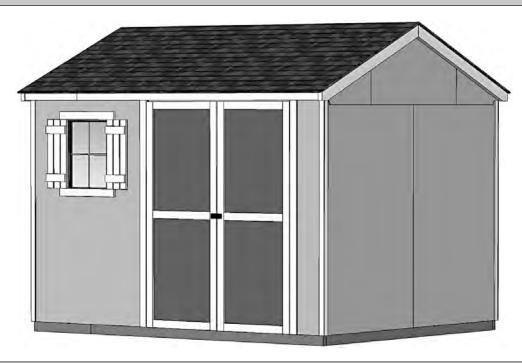
ASSEMBLY MANUAL

16587-A 12/13/2021

GABLE 10' x 8' (305 x 244 cm)

ACTUAL FLOOR SIZE IS 116-1/2 x 96" (295,9 x 243,8 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE



BEFORE YOU BEGIN

• BUILDING RESTRICTIONS AND APPROVALS

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

ENGINEERED DRAWINGS

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

• SURFACE PREPARATION

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

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

• CHECK ALL PARTS

Inventory all parts listed on pages 4-7.

ADDITIONAL MATERIALS

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



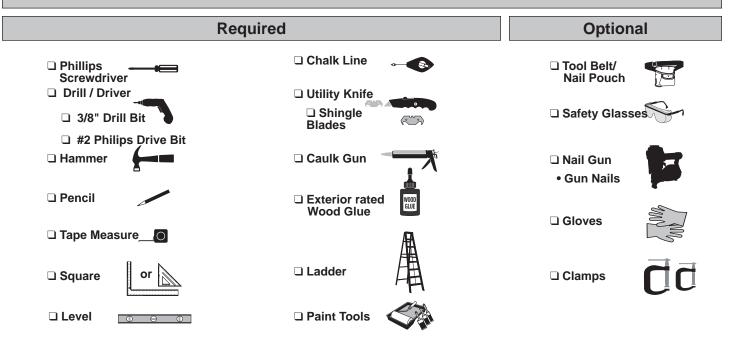
CONTACT OUR CUSTOMER SERVICE TEAM IF ANY PARTS ARE MISSING OR DAMAGED



- Order form and warranty at back of manual -

Call: 1-877-743-3400 email: customerservice@backyardproductsllc.com

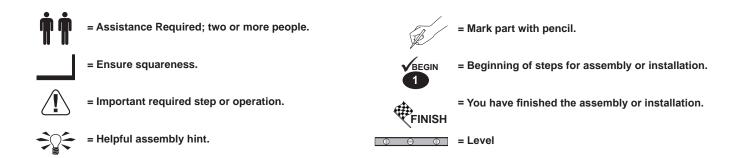
TOOLS



Safety! Always use approved safety glasses during assembly.

HELPFUL REMINDER SYMBOLS

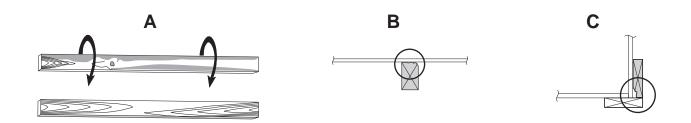
Look for these symbols for helpful reminders throughout this manual.



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. A, B, C.)



ADDITIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

- This shed kit includes a wood floor frame, it does not include floor panels.
- This shed does not include any leveling materials.
- See the FLOOR LEVELING section on page 9 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.

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).

x5 x20	2 x 4 x 8' (5,1 x 10,2 x 243,8 cm) Treated Lumber Cut lumber to 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm) Treated Lumber 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					
OPTIONAL MATERIALS					
DRIP	EDGE 40 Feet	#15 ROOFING FELT To cover 100 Sq. Ft. of roof area. 1" GALVANIZED ROOFING NAILS1/4 Lb			

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

PARTS IDENTIFICATION AND SIZES

		TANTO IDENTIFICATION A	ND GIZEG					
Part identification is			WOOD SIZE CONVERSION CHART					
st	amped on	some parts.	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)					
	RS	RS _	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"								
· 0	Check these locations for Part stamps							
	PARTS LIST ✓ INVENTORY YOUR PARTS before you begin.							
		We suggest sorting parts by the catego	ry they are listed in.					
			Treated lumber is stamped:					
FLOOR	x2	TREATED 2 x 4 x 24" (5,1 x 10,2 x 61 cm)	TREATED					
	x2	TREATED	2 x 4 x 92-1/2" (5,1 x 10,2 x 235 cm)					
	x6	TREATED	2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)					
		UU 2 x 4 x 9" (5,1 x 10,2 x 22,9 cm)						
	x4	CBA 2 x 4 x 14-13/16" (5,1 x 10,2 x 37,6 cm)	x1 GAA 1 x 3 x 5" (2,5 x 7,6 x 12,7 cm) Gauge Block for 3/4" (1,9 cm) measurement					
	x2	CCA 2 x 4 x 17" (5,1 x 10,2 x 43,2 cm)	3/4" (1,9 cm)					
	x1	CHA 2 x 4 x 29" (5,1 x 10,2 x 73,6 cm)	$($ $\langle / \rangle \rangle$					
S	x2	CFA 2 x 4 x 42-3/4" (5,1 x 10,2 x 108,6 cr	n)					
WALLS	x1	STL 2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm	n)					
	x2	CDA 2 x 4 x 66-3/4" (5	5,1 x 10,2 x 169,6 cm)					
	x18	UM 2 x 4 x 68" (5,1	x 10,2 x 172,7 cm)					
	x1	CGA 2 x 4	x 80-1/2" (5,1 x 10,2 x 204,5 cm)					
	x4	TP	2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)					
	x2	CR 2 x 6 x 21-1/4" (5,1 x 15,2 x 54 cm)						
	x2	vx	2 x 6 x 96" (5,1 x 15,2 x 243,8 cm)					
ROOF	x8	GUSSET						
	x8	NPE 2 x 4 x 54-1/8" (5,1 x 10,2	,					
	x2	JF 1 x 4 x 60" (2,5 x 10,	2 x 152,4 cm)					
1	x4	[KV] 19/32" x 2-1/2" x 8" (1,5 x 6,4 x 20,3 cm)						
	x2	[PRD 2x 3 x 22" (5,1 x 7,6 x 55,9 cm)						
	x6	[FF						
TRIM	x2	19/32" x 2-1/2" x 22-5/8" (1,5 x 6,4 x 57,5 cm)	440.0 000					
7	x4	MCB 2 x 4 x 56" (5,1 x 10,2 x						
	x8		7 x 72" (1 x 4,4 x 182,9 cm) CORNER TRIM					
	x1		5/8" x 3" x 96" (1,6 x 7,6 x 243,8 cm) <i>OSB</i>					
	x2	[PT	2 x 3 x 96" (5,1 x 7,6 x 243,8 cm)					
~								

69" (175,3) Door Stiffener

00

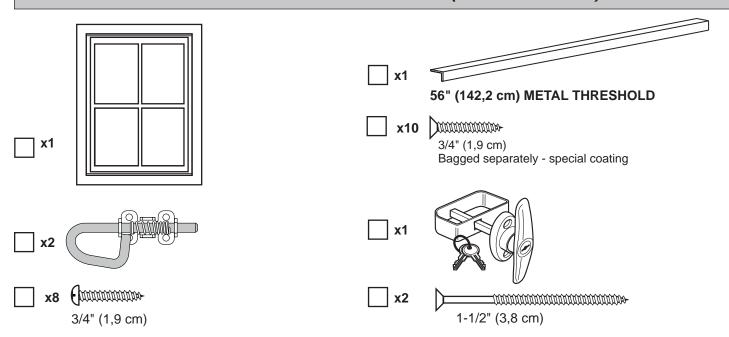
WALL PANEL & DOOR PARTS LIST NOTE: Panel parts are not stamped with part identification. 3/8 x 23-7/8 x 72" ___ x2 **│** x2 (1 x 60,6 x 182,9 cm) **x2** | x1 x1 x1 x1 x1 | x2 x4 3/8 x 48 x 72" 3/8 x 12-1/2 x 72" 3/8 x 46-1/8 x 72" 3/8 x 48 x 72" **LEFT DOOR RIGHT DOOR** (1 x 121,9 x 182,9 cm) (1 x 26 x 182,9 cm) $(1 \times 117,2 \times 182,9 \text{ cm})$ $(1 \times 121,9 \times 182,9 \text{ cm})$ **ROOF PANELS** Roof panels are 7/16" (1,1 cm) thick. 7/16 x 8-1/2 x 96" 7/16 x 8-1/2 x 23-7/8" **x2 x2** (1,1 x 21,6 x 243,8 cm) (1,1 x 21,6 x 60,6 cm) 7/16 x 48 x 96" 7/16 x 23-7/8 x 48" **x2 x2** (1,1 x 121,9 x 243,8 cm) (1,1 x 60,6 x 121,9 cm) **NOTES**

FLOOR PANELS (Not Included)

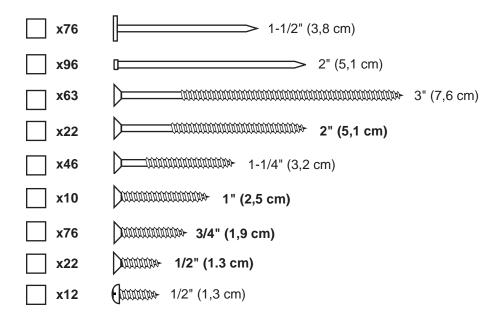
You will need floor panels to complete your floor. • Floor panel sizes and quantities shown below.

NOTE: Use a minimum of 5/8" (1,6 cm) oriented strand board (OSB).				
x1	20-1/2 x 96" (60,6 x 243,8 cm)			
x2	48 x 96" (121,9 x 243,8 cm)			
NAIL BOXES				
x2 BOXES x4 BOXES				
NOTES				

WINDOW & DOOR HARDWARE (Not actual size)

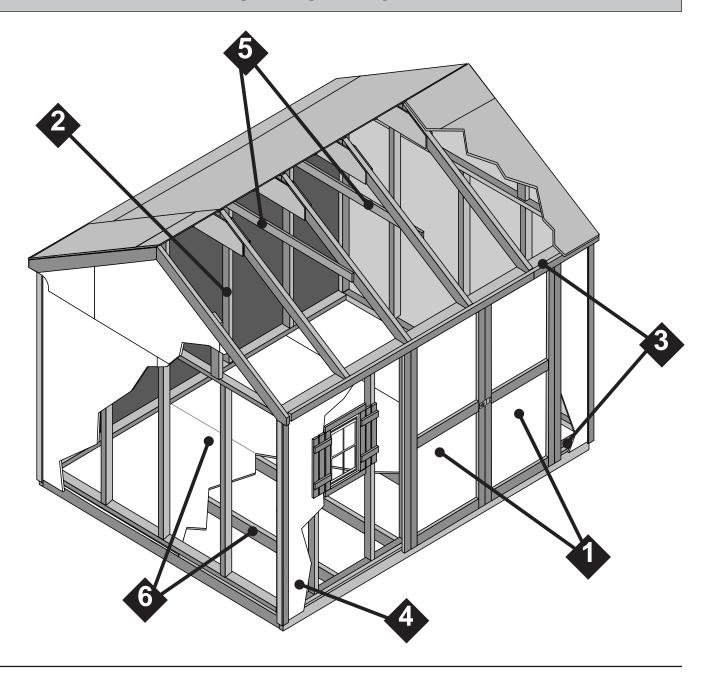


FASTENER/HARDWARE BAG



NOTES

BUILDING ANATOMY



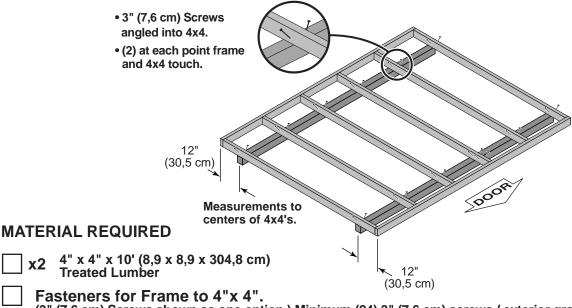
All of our buildings have been engineered to withstand demanding wind and snow loads. If you live in an area with extreme wind/snow load requirement, contact us and we can assist with engineering to meet your local codes.

- 1 Sub-assembled doors with attached hinges.
- 2 2x3 wall studs have been engineered to support roof load and to meet demanding wind loads.
- 3 Sidewall top and bottom plates tie wall studs together and provide nailing support for top and bottom edge of siding.
- 4 Siding overhangs the wall framing and floor to keep the elements out.
- **5** Collar tie maintains door frame integrity.
- 6 Includes treated floor frame and sturdy Oriented Strand Board (OSB) floor deck.

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.

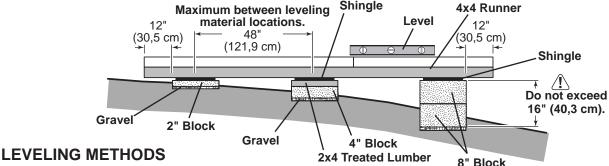
PREFERRED METHOD - 4x4 TREATED RUNNERS



(3" (7,6 cm) Screws shown as one option.) Minimum (24) 3" (7,6 cm) screws / exterior grade.

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" (30,5 cm) from ends of runners and no more than 48" (121,9 cm) 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" (40,3 cm) not recommended.

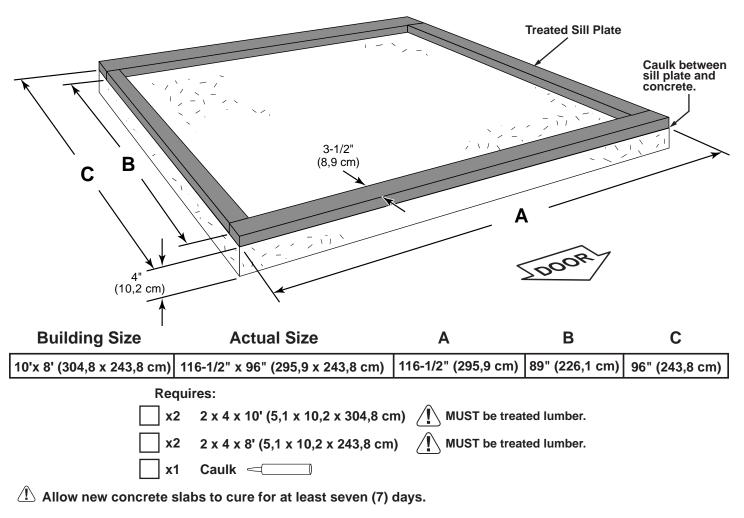
CONCRETE

• 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 kiton a concrete slab refer to the diagram below.



- A treated 2 x 4 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 sill plates to slab with approved concrete anchors (fasteners not included).
- Check local code for concrete foundation requirements.

NOTES

FLOOR FRAME



!\ LEVEL AND SQUARE FLOOR FRAME !\



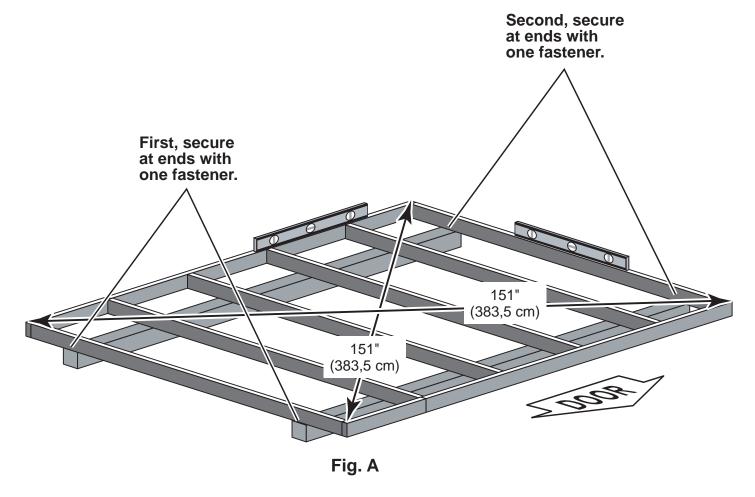


Before attaching floor decking, it is important to level and square the floor frame. A level and square floor frame is required to correctly construct your shed.



BEGIN

- /!\ See page 9 for the preferred floor leveling method.
- 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 151" (383,5 cm).
- When the frame is level and square secure one side of frame to the 4x4 runners with one fastener at ends of each runner. Move to the opposite end of the frame. Secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square (Fig A).





After leveling and squaring your floor floor, fasten the frame to 4x4s at each connection where the frame contacts the 4x4 runners.

FLOOR FRAME

x 28

PARTS REQUIRED:

TREATED **x2** 2 x 4 x 24" (5,1 x 10,2 x 61 cm)

TREATED **x6** 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)

TREATED 2 x 4 x 92-1/2" (5,1 x 10,2 x 235 cm) NOTE: Look for

TREATED Stamp

3" (7,6 cm)





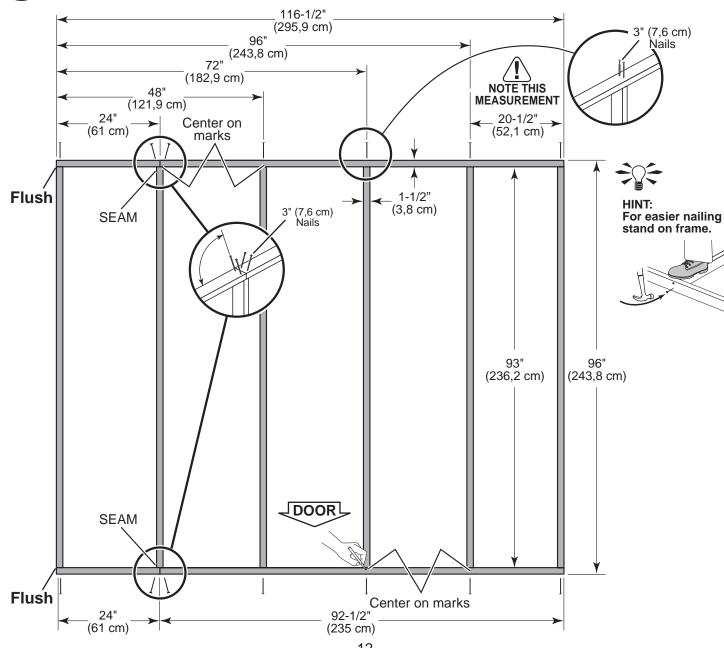
√BEGIN

FINISH

- Arrange parts as shown on flat surface. Measure and mark each dimension from end of boards.
- Use (2) 3" (7,6 cm) nails at each mark, and (4) 3" (7,6 cm) nails at seams as shown.







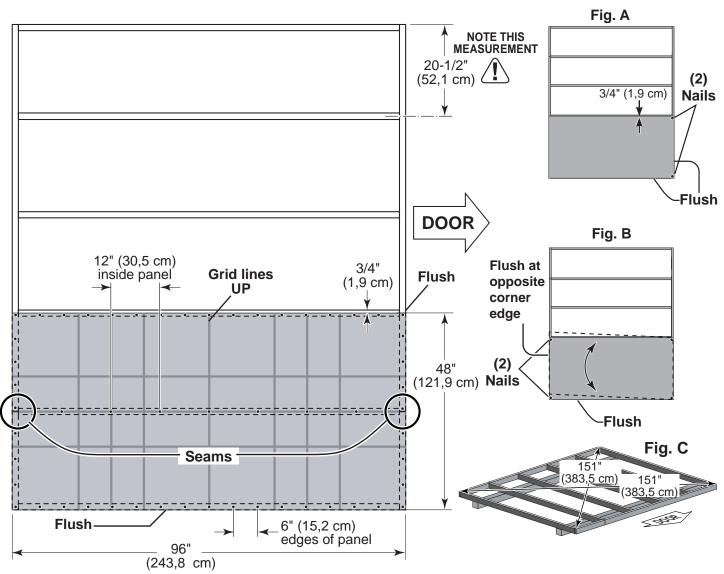
FLOOR PARTS REQUIRED: x1 5/8 x 48 x 96" (1,6 x 121,9 x 243,8 cm)



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

BEGIN

- 1 Attach the 48 x 96" (121,9 x 243,8 cm) panel with the rough side up (painted-grid lines side) with the 48" (121,9 cm) edge and corner flush to the floor frame (**Fig A**). Secure panel with (2) 2" (5,1 cm) 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 corner is flush to the floor frame (Fig. B). Secure panel with (2) 2" (5,1 cm) 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 151" (383 ,5 cm) (Fig. C).
- 4 Continue attaching the panel with 2" (5,1 cm) nails 6" (15,2 cm) apart on edges, and 12" (30,5 cm) apart inside panel.

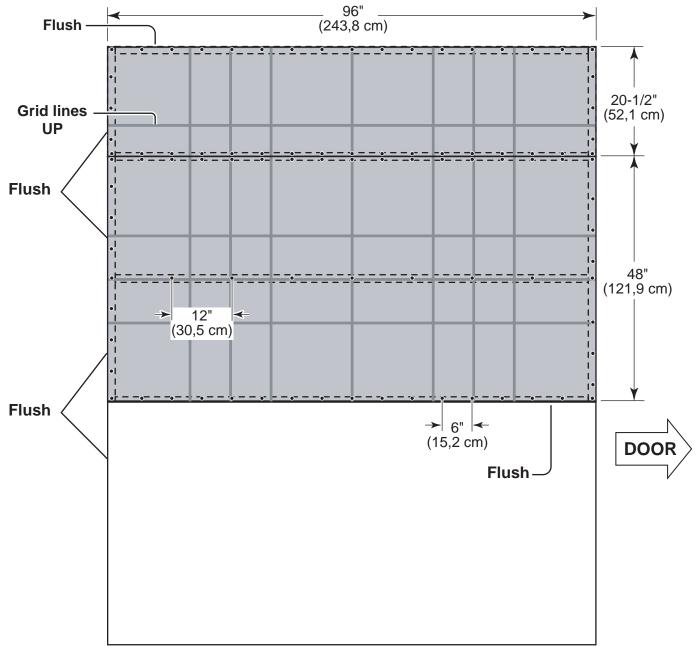


FLOOR PANELS PARTS REQUIRED: x1 5/8 x 48 x 96" (1,6 x 121,9 x 243,8 cm) x1 5/8 x 20-1/2 x 96" (1,6 x 52,1 x 243,8 cm)

- 5 Continue installing panels with rough side up (painted grid lines).
- Use a chalk line or grid lines on panel for 2" (5,1 cm) nails 6" (15,2 cm) apart on edges, and 12" (30,5 cm) apart inside panels.

7 You have finished attaching your floor panels.

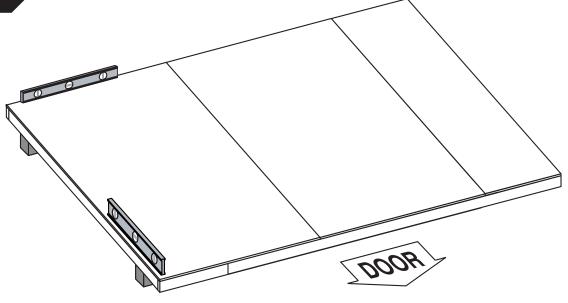




IMPORTANT!

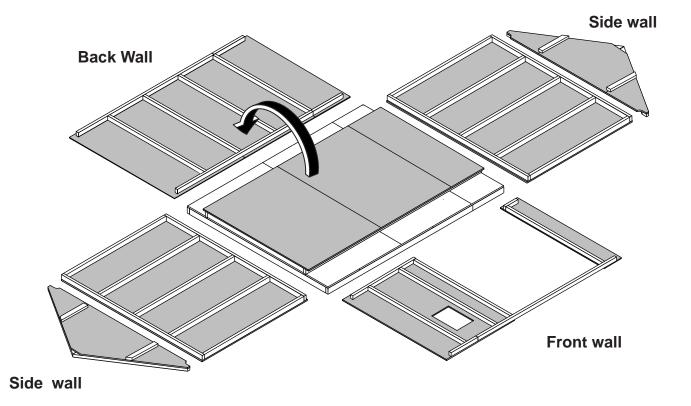


Check the floor frame is level after installing floor panels. Re-level if needed.





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



SIDE WALL FRAMES

PARTS REQUIRED:

x40 3" (7,6 cm)

x10 UM

2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

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

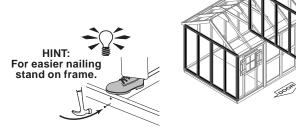
Build (2) identical side walls.

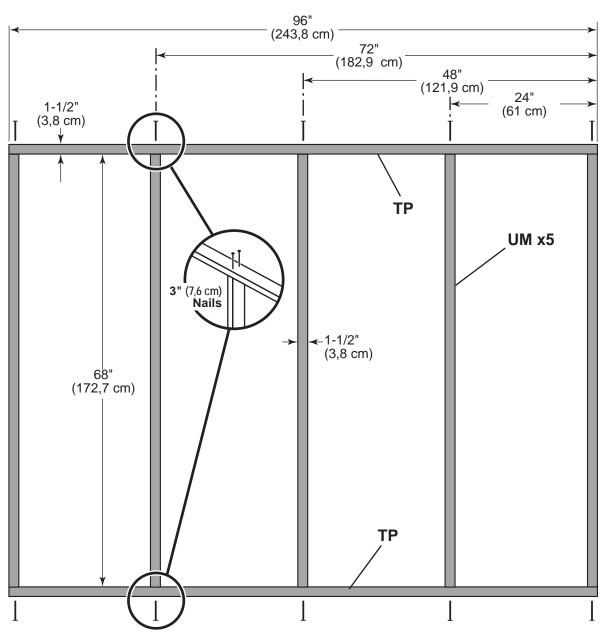
BEGIN

Arrange parts on floor as shown.

Secure with (2) 3" nails at connection.

Repeat steps to build the second side wall frame.





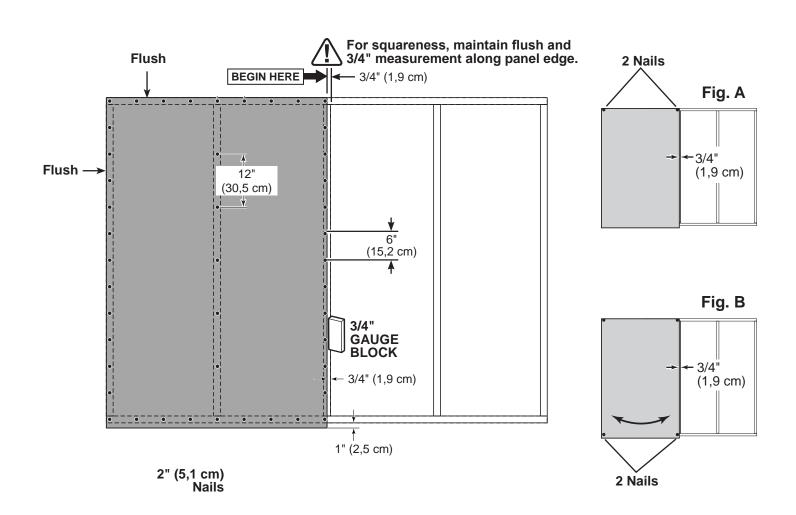
SIDE WALL PANELS

PARTS REQUIRED: 2" (5,1 cm) 3/8 x 48 x 72 (1 x 121,9 x 182,9 cm) 3/8 x 48 x 72 (1 x 121,9 x 182,9 cm)

Install all panels with the primed side facing up.

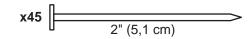
Property Ensure your wall frame is square by installing one panel and squaring the frame.

- Place (1) 46-1/8" x 72" panel onto wall frame, as shown.
 Use the gauge block to mark the 3/4" measurement on the wall stud.
 Secure panel with (2) 2" nails in the corners (Fig. A).
- Move to the opposite end. Using the long edge of the panel as a lever move the panel side-to-side until you have a 3/4" measurement on the wall stud. Secure corner with (2) 2" nails (Fig. B).
- 4 Complete securing the panel with 2" nails spaced 6" apart on edges and 12" apart inside panel.



SIDE WALL PANELS

PARTS REQUIRED:



x1

3/8 x 48 x 72 (1 x 121,9 x 182,9 cm)

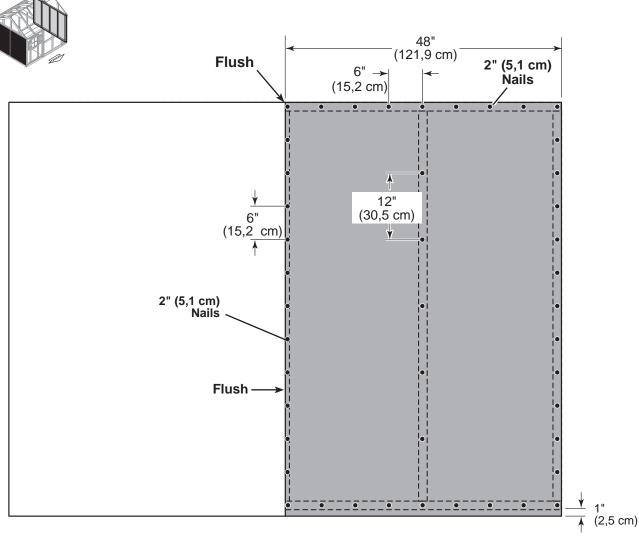


5 Install 2nd 48" x 72" panel flush to installed panel.

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



Repeat steps 2 - 5 to install panels on your 2nd side wall frame.



Your (2) side walls are now assembled.

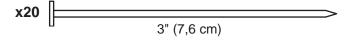
BACK WALL FRAME

PARTS REQUIRED:

CFA2 x 4 x 42-3/4" (5,1 x 10,2 x 108,6 cm)

CDA2 x 4 x 66-3/4" (5,1 x 10,2 x 169,6 cm)

Y4 UM 2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)



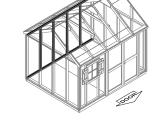


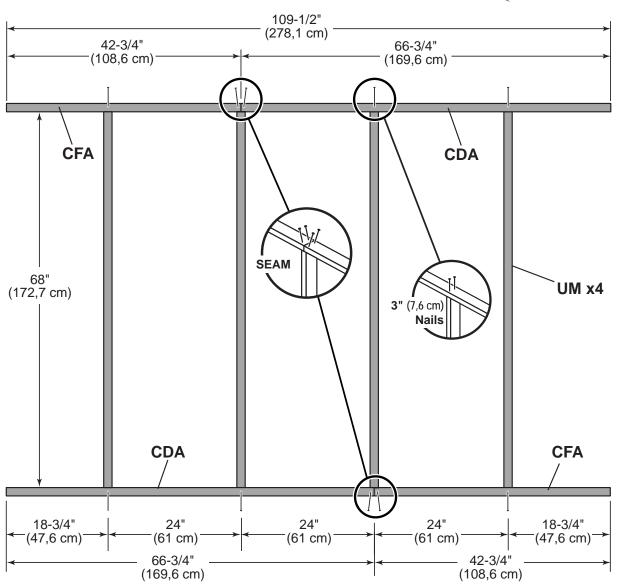
BEGIN

Arrange parts on edge on floor. Measure and mark.

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



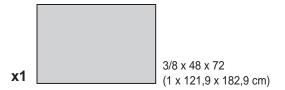


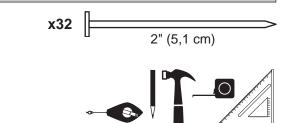


BACK WALL

3/4" GAUGE BLOCK

PARTS REQUIRED:



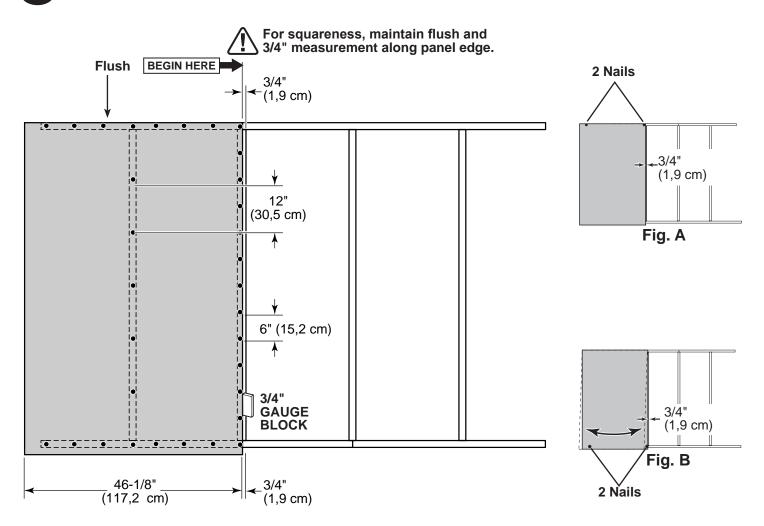


Install all panels with the primed side facing up.

- Ensure your wall frame is square by installing one panel and squaring the frame.
- Place (1) 46-1/8" x 72" panel onto wall frame, as shown.
 Use the gauge block to mark the 3/4" measurement on the wall stud.

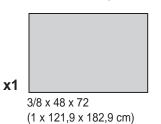
Secure panel with (2) 2" nails in the corners (Fig. A).

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

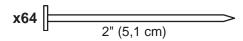


BACK WALL

PARTS REQUIRED:



3/8 x 23-7/8 x 72" (1 x 60,6 x 182,9 cm)





6 Install 23-7/8" x 72" panel flush to installed panel.

Secure with 2" nails spaced 6" apart.

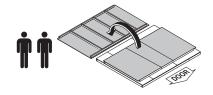
7 Install 2nd 46-1/8" x 72" panel flush to installed panel.

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

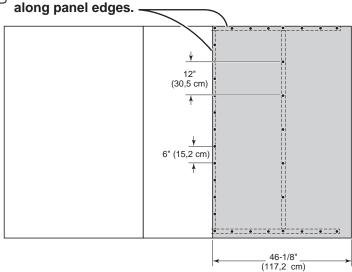
FINISH

Your back wall is now assembled.

Carefully flip your back wall over.



For squareness maintain flush along panel edges.



FRONT WALL FRAME

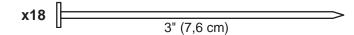
PARTS REQUIRED:

x1 UU

2 x 4 x 9" (5,1 x 10,2 x 22,9 cm)

CHA2 x 4 x 29" (5,1 x 10,2 x 73,6 cm)

X1 STL 2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)



VA2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

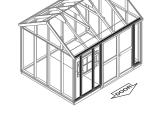


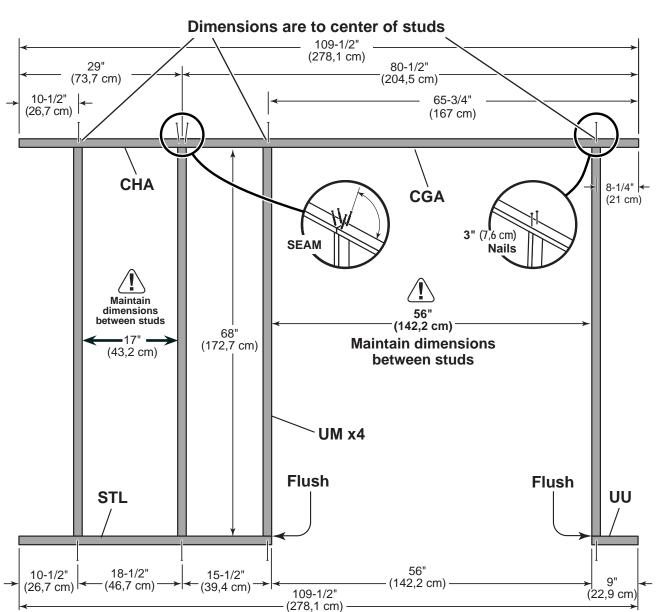
BEGIN

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

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





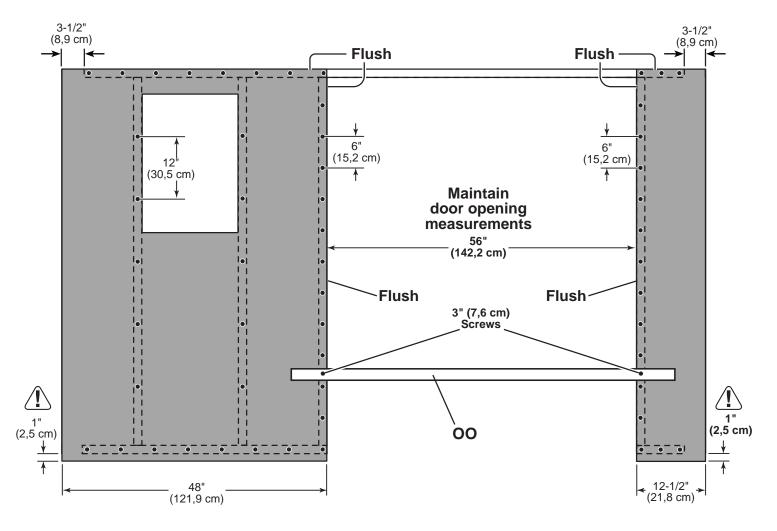


Install all panels with the primed side facing up.

- Install (1) 48" x 72" panel (with window cutout) and (1) 2-1/2" x 72" panel on wall frame, as shown.

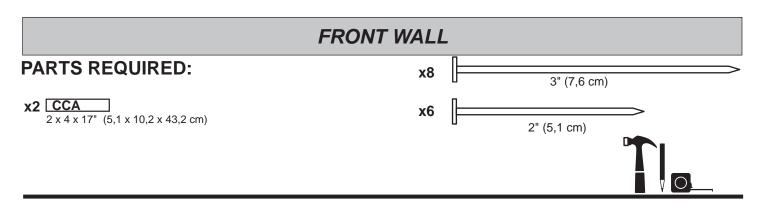
 Ensure panels are flush to the top plate and studs.

 Secure panels with 2" nails spaced 6" apart on edges and 12" apart inside panel.
- Install **OO** as temporary brace to maintain 56" (142,2 cm) dimension. Secure with (2) 3" screws.



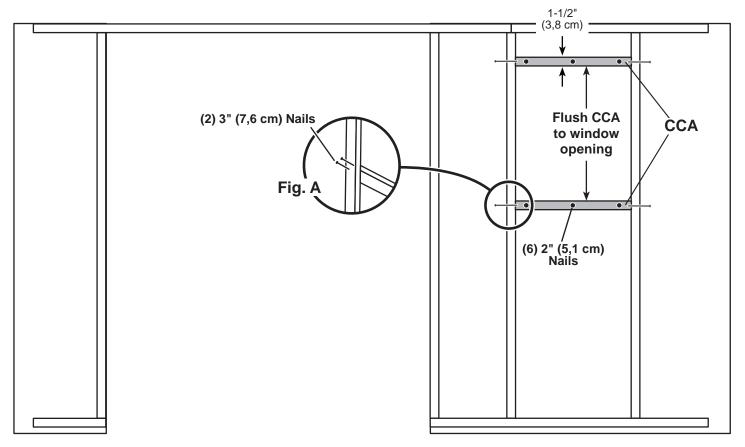


Flip front wall over to install window framing.



Place (2) **CCA** on edge flush to window opening. Secure to frame with (8) 3" nails **(Fig A)**.

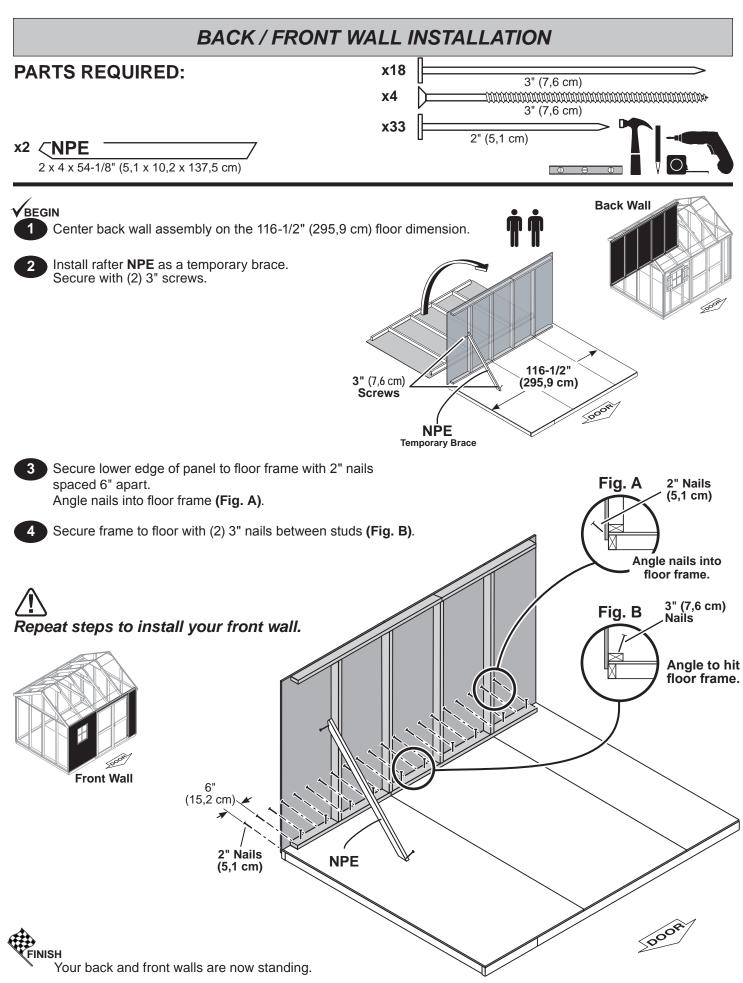




5 Flip front wall over again, with panels facing up. Secure panel to window framing with 2" nails spaced 6" apart.

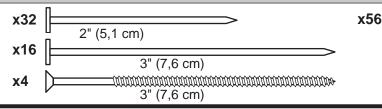


Your front wall is now assembled Proceed to standing your walls.



SIDE WALLS INSTALLATION

PARTS REQUIRED:



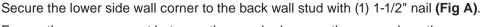
1-1/2" (3,8 cm)

Right Wall



Center right side wall on floor.

Secure the lower side wall cor

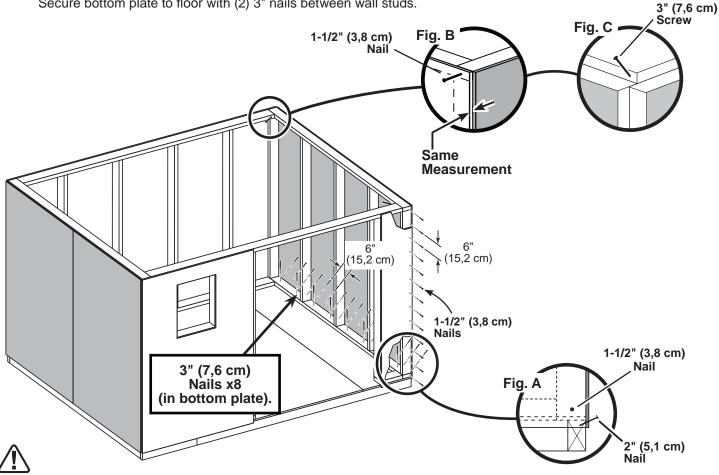


Ensure the measurement between the panel edges are the same along the corner. Secure with (1) 1-1/2" nail in the upper corner (Fig B).

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

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

Secure the side wall top plate to the back and front wall top plates with (2) 3" screws at an angle (Fig C). Secure bottom plate to floor with (2) 3" nails between wall studs.



Repeat steps to install your left side wall.



You have finished standing your (2) side walls Remove temporary parts.

WALL DOUBLERS **PARTS REQUIRED:** x28 3" (7,6 cm)

2 x 6 x 21-1/4" (5,1 x 15,2 x 54 cm) VX **x2** 2 x 6 x 96" (5,1 x 15,2 x 243,8 cm)

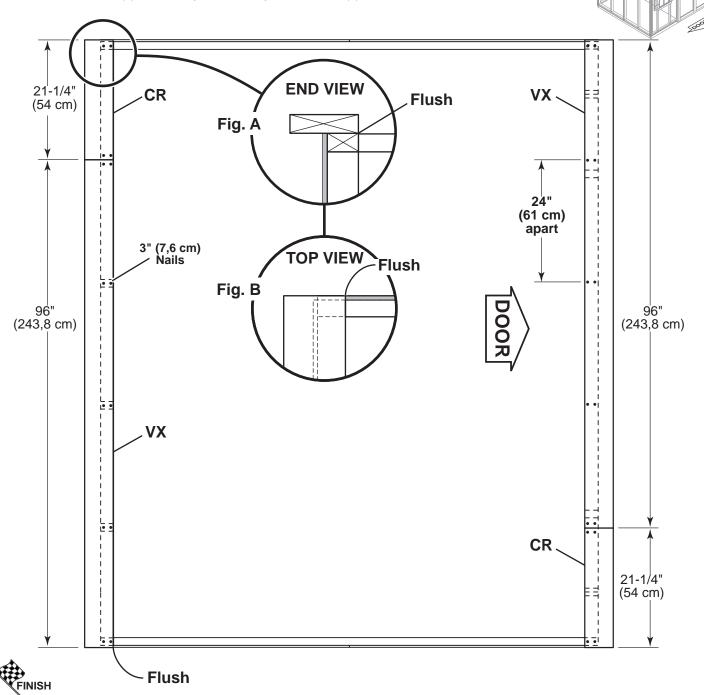
VBEGIN

x2

CR

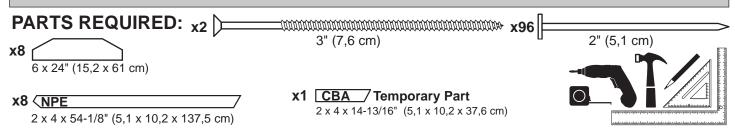
1 Install parts flush to inside of front and back top plates (Fig. A) and flush to wall panels (Fig. B).

Secure with (2) 3" nails spaced 24" apart and with (4) nails at seams, as shown.



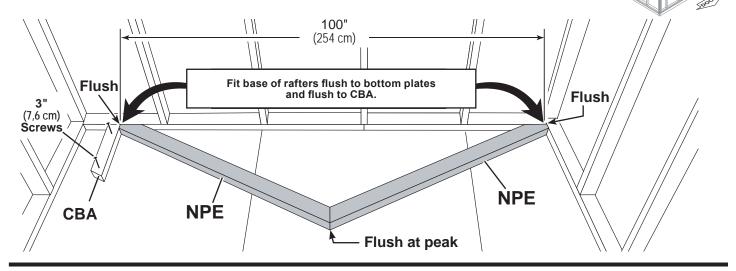
Your wall doublers are now installed.



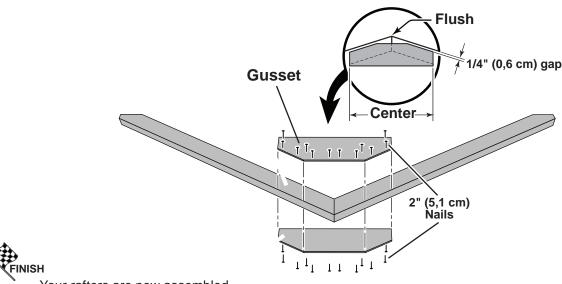




- Position and square **CBA** as a temporary jig at measurement shown. Secure with (2) 3" screws.
- Place (2) rafter halves **NPE** in the corner of back and side wall and **CBA**. Ensure rafters are flush at peak.



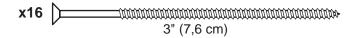
- Secure gusset to rafters with (12) 2" nails in pattern shown.
- 4 Flip over rafter assembly and repeat STEPS 2-4 to attach second gusset to other side.
- 5 Repeat STEPS 2 5 to build (3) additional rafter assemblies. Remove CBA.



Your rafters are now assembled.

RAFTER INSTALLATION

PARTS REQUIRED:





BEGIN

Mark doubler to measurements shown.

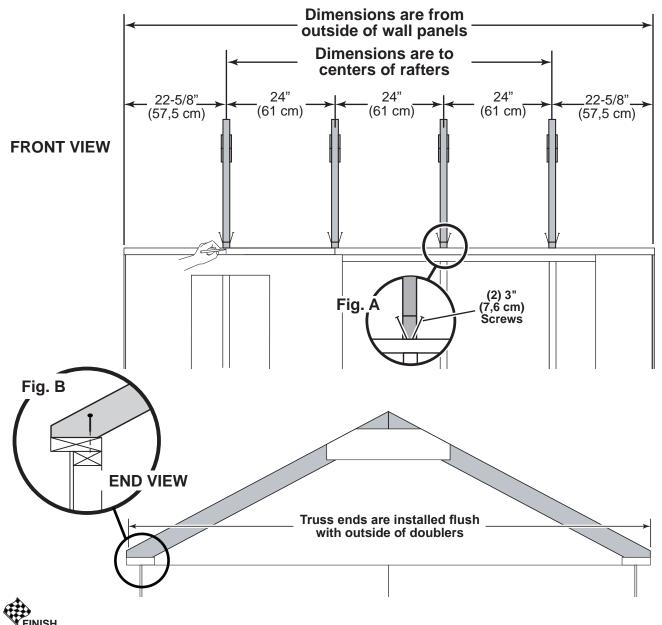
Your rafters are now installed.

Locate rafters centered on marks.

Secure rafters in position with (2) 3" screws at each connection (Fig. A).

Drive screw through top plate into doubler (Fig. B).

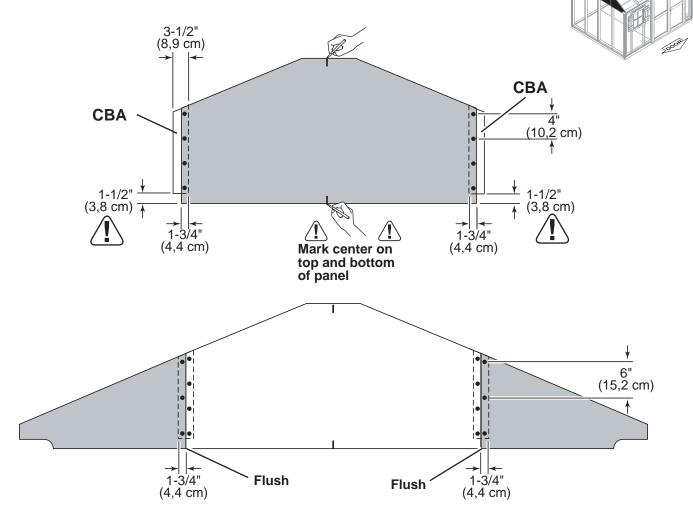




Assemble (2) gable units. Install gable panels with primed side up.

BEGIN

- Arrange parts flat on floor to measurements shown. Measure and mark center of gable panel. Secure center gable panel to (2) **CBA** with 1-1/2" nails.
- Install left and right gable panels flush to center gable panel. Secure with 1-1/2" nails spaced evenly.



Repeat steps to build 2nd gable.

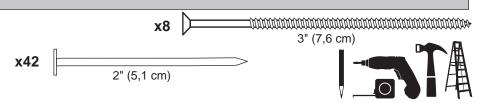




Your gable units are now assembled.

GABLE UNIT INSTALLATION

PARTS REQUIRED:





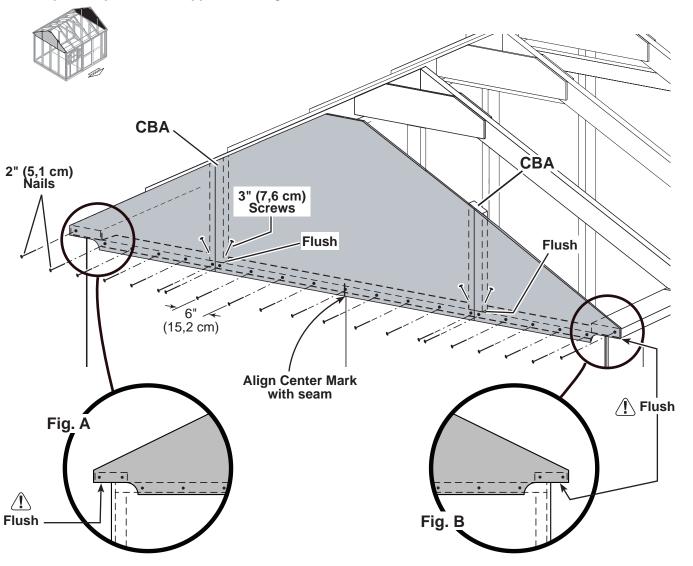
- Center gable assembly on side wall with mark.
 Ensure gable connectors **CBA** are sitting flush on top of frame.
 - Panels should be flush to doublers, as shown (Fig. A, B).

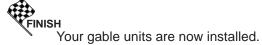
Secure panel to top plate with 2" nails spaced 6" apart.

Working inside, secure gable connectors to top plate with (2) 3" screws at an angle.



Repeat steps to install opposite side gable unit





GABLE TRIM INSTALLATION

PARTS REQUIRED:

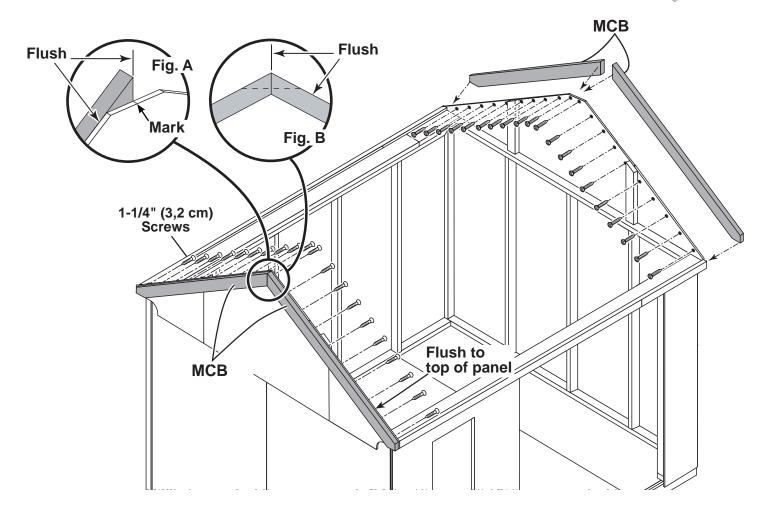
x40 1-1/4" (3,2 cm) _

MCB2 x 4 x 56" (5,1 x 10,2 x 142,2 cm)

BEGIN

Install (1) gable trim **MCB** flush along top of panel and with end flush to center mark **(Fig. A)**. Secure trim to gable unit panels with 1-1/4" screws spaced 6" apart. Screw through panels into gable trim.





Repeat steps to install gable trim on opposite side.





Your gable trim is now installed.

FASCIA TRIM

PARTS REQUIRED:

x2 PRD

2 x 3 x 22" (5,1 x 7,6 x 55,9 cm)

x2 PT

2 x 3 x 96" (5,1 x 7,6 x 243,8 cm)



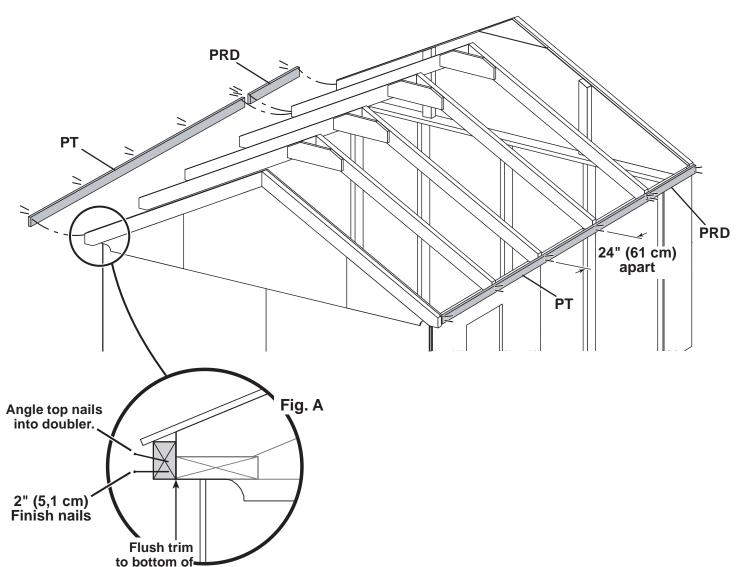


Place parts flush to bottom of doubler, as shown (Fig. A).

Secure with 2" finish nails spaced 24" apart.



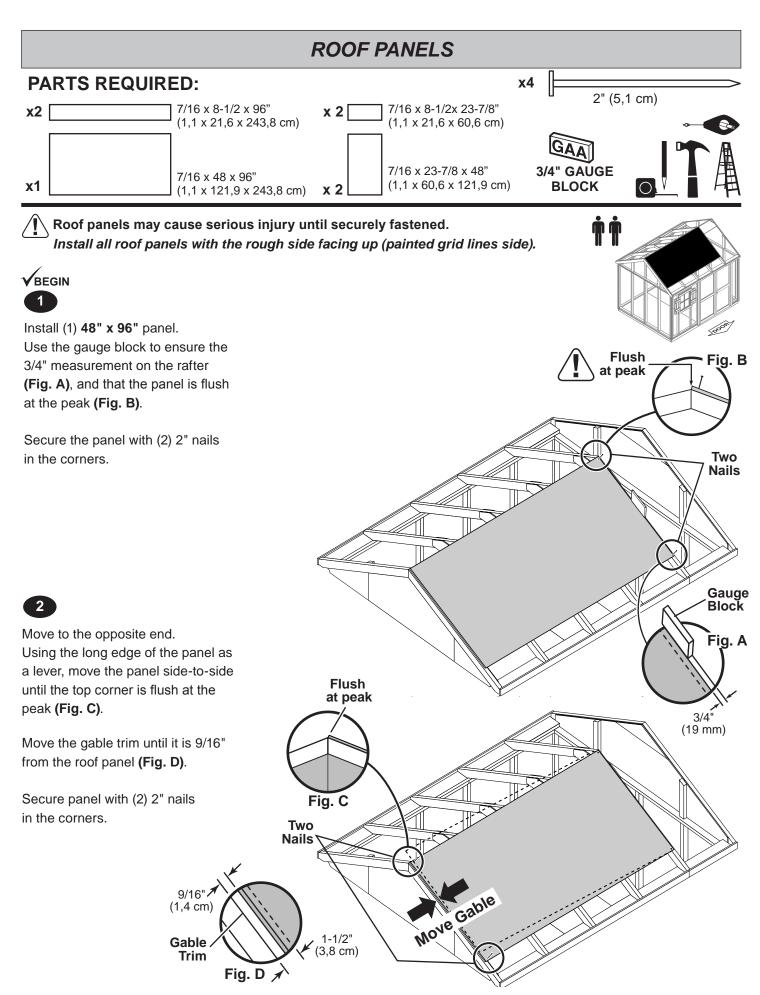
Repeat process on opposite side.





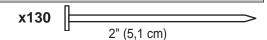
Your fascia trim is now installed.

doubler.



ROOF PANELS

PARTS REQUIRED:









Maintain spacing between the center of the rafters (Fig. E).

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

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



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



Install the 8-1/2" x 23-7/8" roof panel flush to installed panel, flush at peak and with the 9/16" measurement at the gable (Fig. F, Fig. G).

Move the gable if necessary.



Install (2) lower roof panels flush to the upper panels.
Ensure the 23-7/8" x 48" panel is at

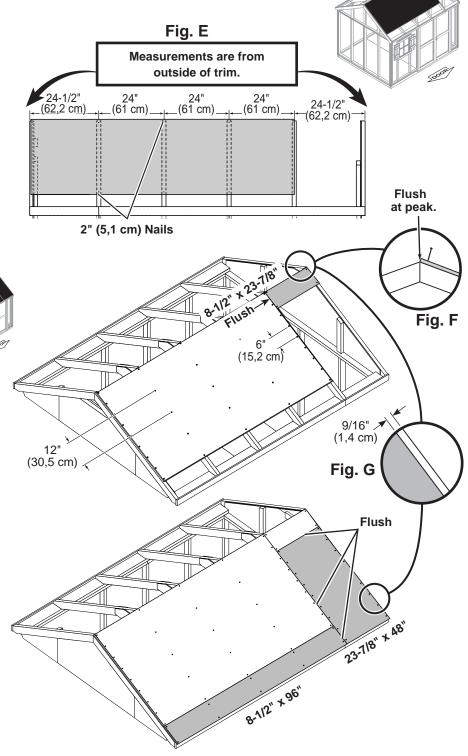
the 9/16" measurement along the gable trim **(Fig. G)**.

Secure the 23-7/8" x 48" panel with 2" nails spaced 6" apart on edges and 12" apart inside panel.

Secure the **8-1/2"** x **96"** panel to rafters with 2" nails, as shown.

Repeat steps to install roof panels on the opposite side.

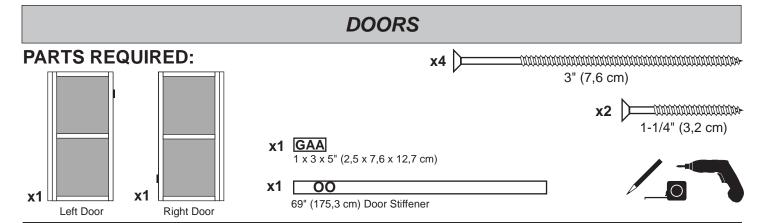




DOOR SUPPORT PARTS REQUIRED: x15 2" (5,1 cm) **x1** 5/8 x 3 x 96" (1,6 x 7,6 x 244 cm) BEGIN Install $3" \times 96"$ support flush with bottom edge of top plate and side wall frame. Secure with 2" nails, as shown. 6" 6 (15,2 cm) Flush **Flush DOOR OPENING**

FINISH

Your door frame support is now installed.



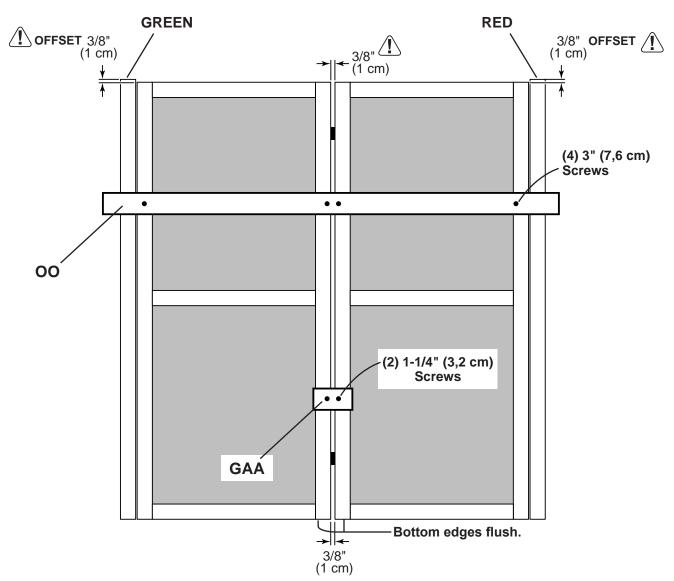


Place doors on flat surface. 3/8" offset is to top.

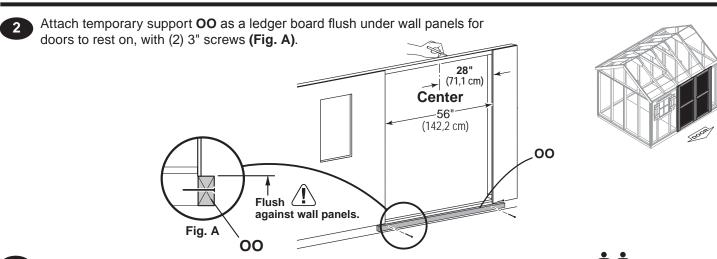
Look for red (right) and green (left) on hinge board.

Attach temporary supports OO and GAA as shown.





PARTS REQUIRED: x1 OO Temporary Support 69" (175,3) Door Stiffener x6 Understand Door Stiffener x6 Understand Door Stiffener x6 Understand Door Stiffener x7 (7,6 cm) x8 Understand Door Stiffener x8 Understand Door Stiffener x8 Understand Door Stiffener

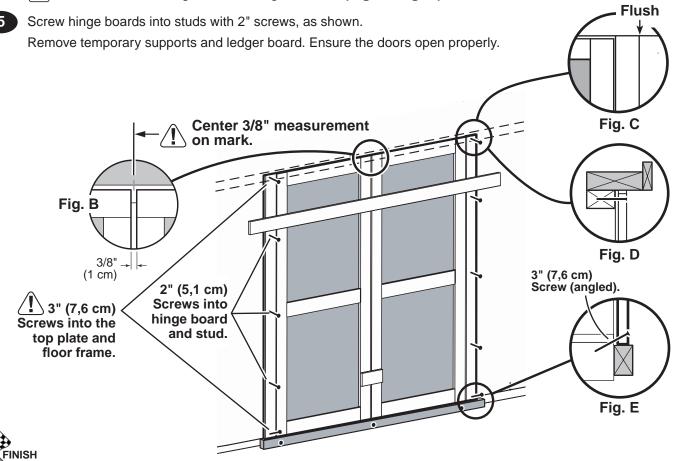


- Measure and mark center of door opening. Center doors on mark as shown (Fig B).

 Check hinge boards are flush under overhang (Fig C).
- Screw hinge boards into top plate and floor with 3" screws.

 Nake sure screws go into framing and floor (Fig. D, Fig. E).

Your doors are now installed.



DOOR TRIM & THRESHOLD

PARTS REQUIRED:

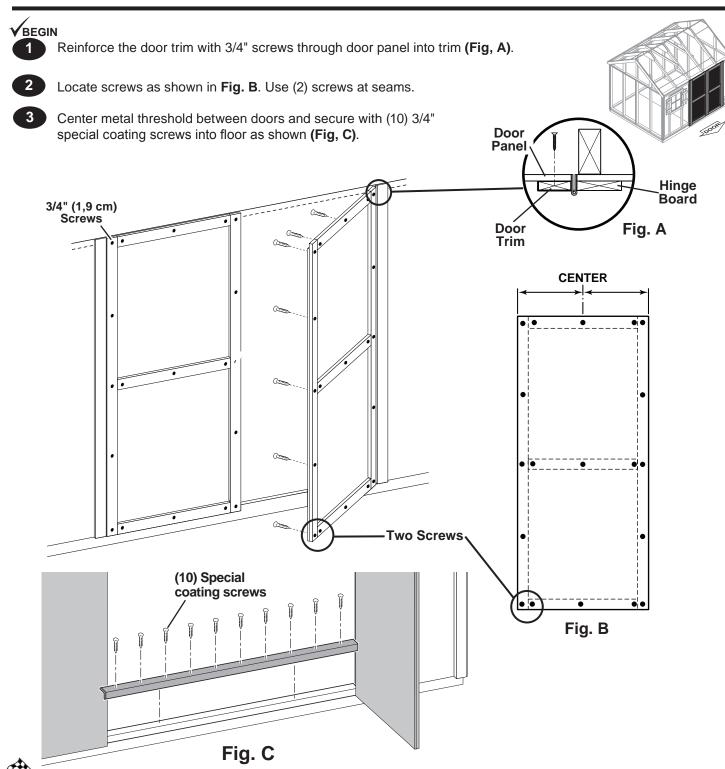
x38 3/4" (1,9 cm)

x1 56" (142,2 cm) METAL THRESHOLD

x10)

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





DOOR WEATHERSTRIPS

PARTS REQUIRED:

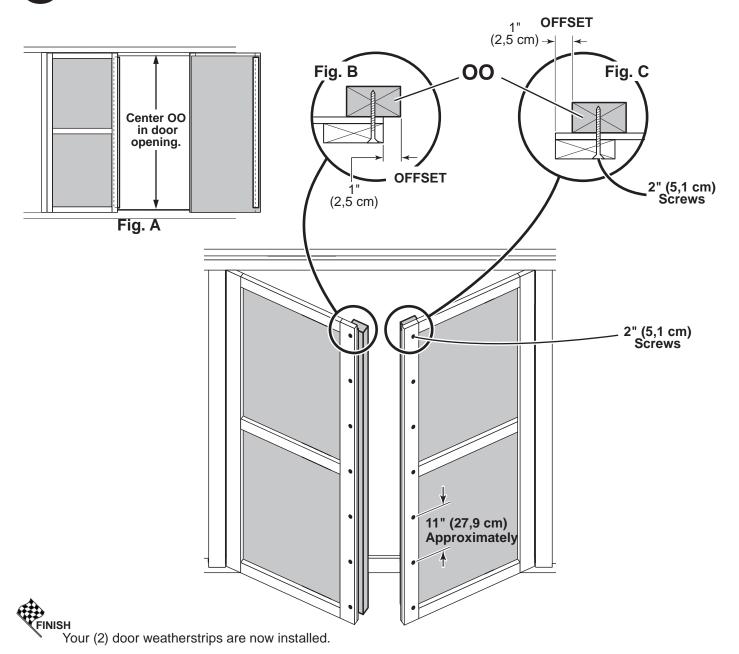
x1 00

69" (175,3) Door Stiffener

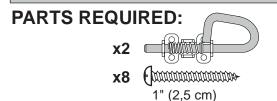
2" 5,1 cm)

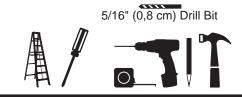
BEGIN

- 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" (2,5 cm) OUT past the door trim (**Fig B**).
- 2 Secure OO with (7) 2" 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" (2,5 cm) IN from the door trim **(Fig C)**.
- 4 Secure **OO** with (7) 2" screws through outside trim into **OO** (Fig C).



DOOR HARDWARE







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

Mark and pre-drill holes for screws.

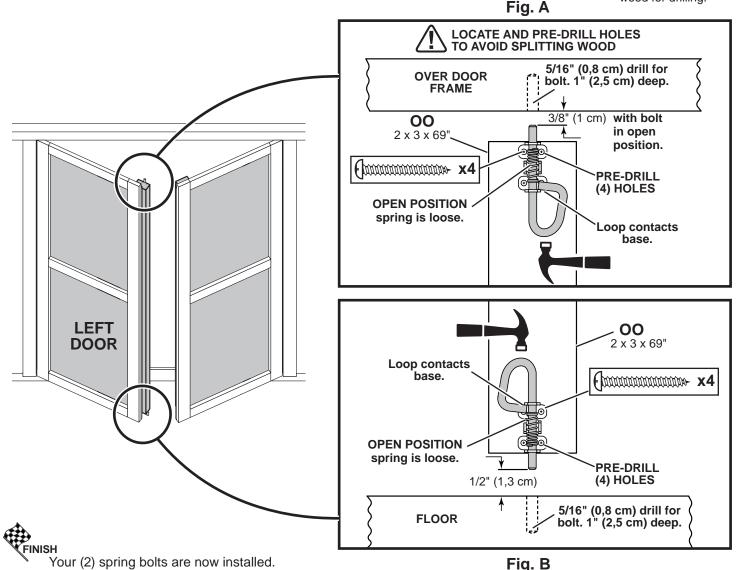
- 2 Install bolt with screws supplied and drill 5/16" (0,8 cm) hole deep enough for bolt to slide into.
- Place bolts onto **OO** in open position with bolt ends 1/2" (1,3 cm) up from floor. Bolt is open when loop is contacting base (**Fig B**).

Mark and pre-drill holes for screws.

4 Install bolt with screws supplied and drill 5/16" (0,8 cm) hole deep enough for bolt to slide into.



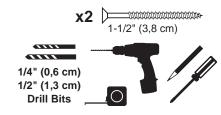
HINT: With door closed extend bolt and tap with hammer to leave a mark in wood for drilling.



DOOR HARDWARE







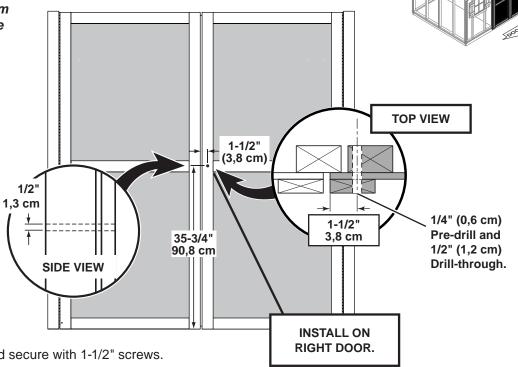
VBEGIN

1

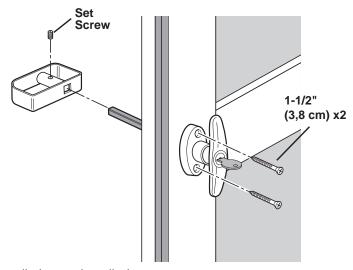
Measure and mark location of hole on outside of right door, as shown. Pre-drill pilot hole with 1/4" dril.

Pre-drill through hole with 1/2" drill.

Drill hole square to trim to avoid breaking edge of door stiffener.



- 2 Insert handle in hole and secure with 1-1/2" screws.
- 3 Secure inside handle and secure with set screw.



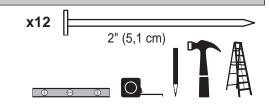
Your T-handle is now installed.

COLLAR TIES

PARTS REQUIRED:

x2 JF

1 x 4 x 60" (2,5 x 10,2 x 152,4 cm)





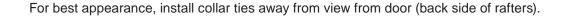


Install (2) collar ties **JF** on the two center rafters above the door.

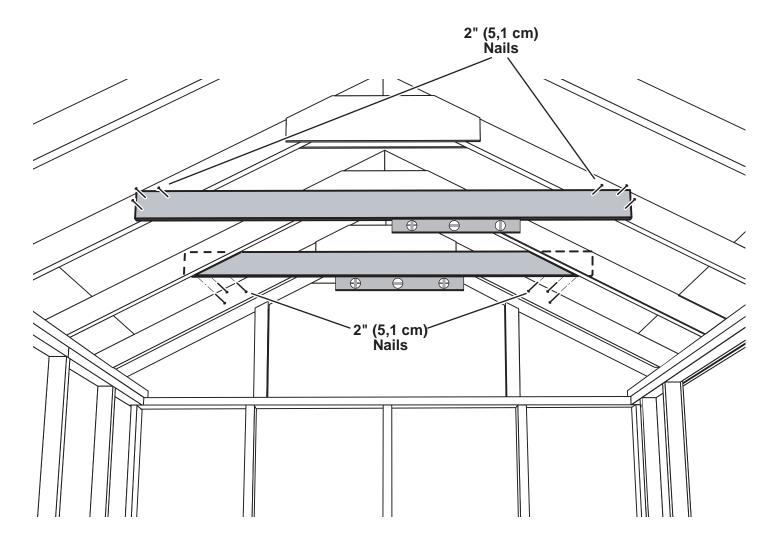


Ensure collar ties are level and flush to roof panels.

Secure collar ties to rafter with three 2" nails at each end.









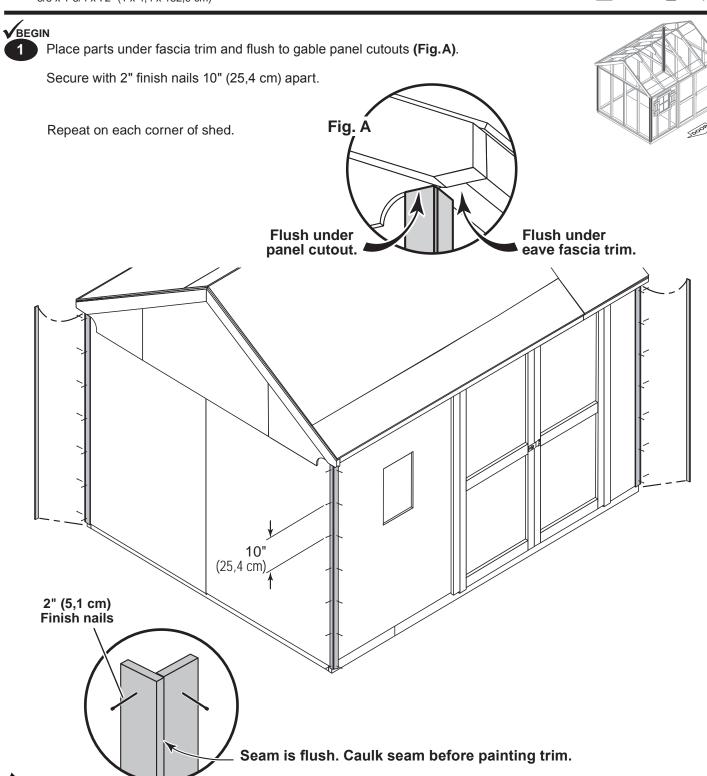
CORNER TRIM

PARTS REQUIRED:

2" (5,1 cm)

8x

3/8 x 1-3/4 x 72" (1 x 4,4 x 182,9 cm)



Your corner trim is now installed.

WINDOW SHUTTERS

PARTS REQUIRED:

1" (2,5 cm)



x6 FF 19/32 x 2-1/2 x 22-1/2" (1,5 x 6,4 x 63,5 cm)

x4 KV 19/32 x 2-1/2 x 8" (1,5 x 6,4 x 20 cm)

Build (2) identical shutters.

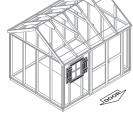
BEGIN

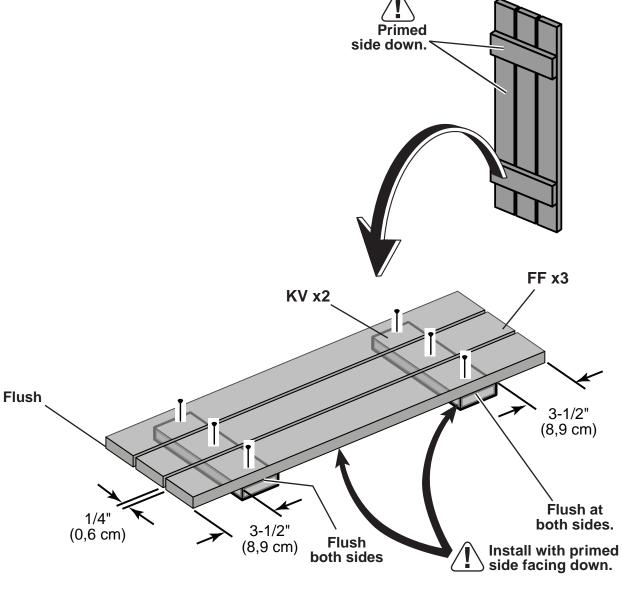
Arrange parts primed side-down on floor, as shown.

Flush ends of FF.

Secure parts with 1" screws.

Repeat to build your second shutter.







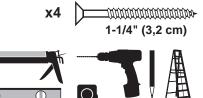
Your (2) window shutters are now assembled. Proceed to install your window.

WINDOW & SHUTTER INSTALLATION

0

PARTS REQUIRED:



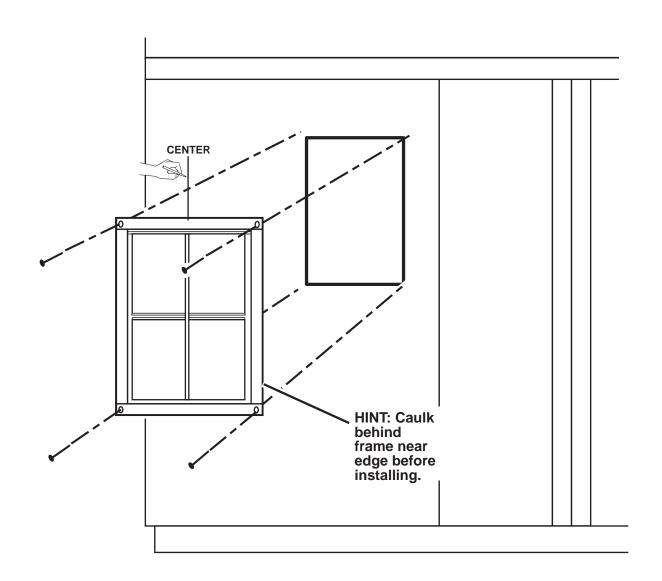


BEGIN

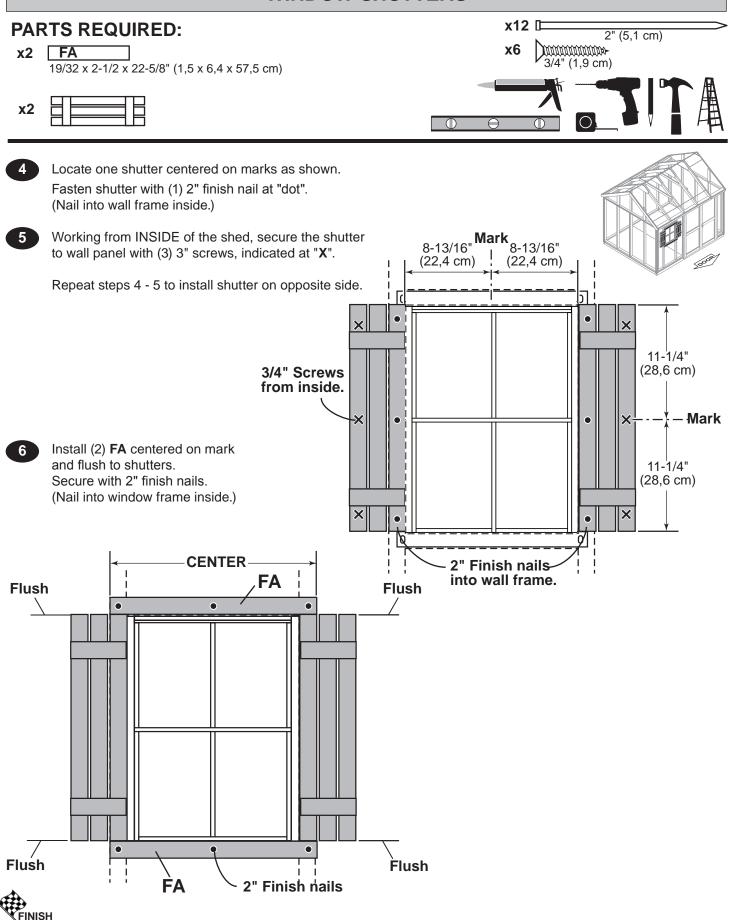
x1

- Seal window with high-quality exterior-grade caulk.
- Install and secure window with (4) 1-1/4" screws, as shown.
- 3 Mark center of window frame.





WINDOW SHUTTERS



Your window and shutters are now installed.

PAINT & CAULK - NOT INCLUDED -

PARTS REQUIRED:



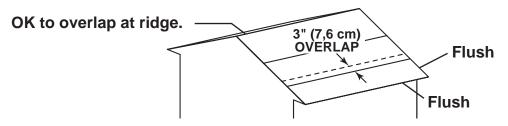
- Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.
- Use a high quality exterior acrylic latex paint. When painting your building, there are a few key areas that can be easily overlooked that must be painted: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

Note:

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

ROOF FELT - NOT INCLUDED -

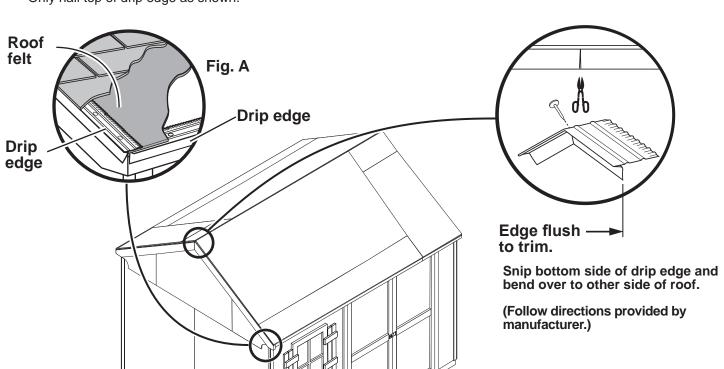
• Install felt flush to all roof edges overlapping 3". Use minimal amount of roofing nails to hold in place.



DRIP EDGE - NOT INCLUDED -

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



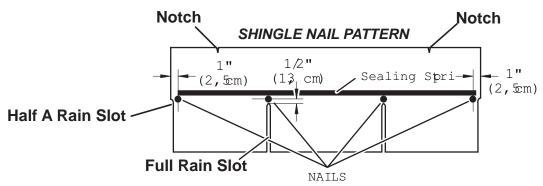


SHINGLES - NOT INCLUDED -

• Follow directions provided by manufacturer and these instructions.



Familiarize yourself with a 3-Tab Shingle.



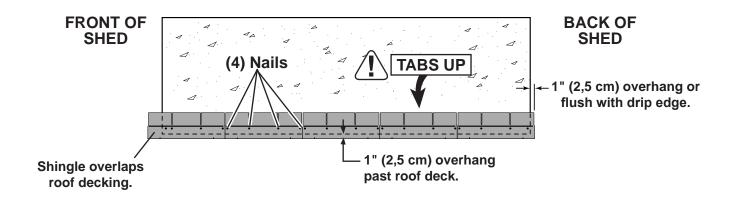
NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

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.

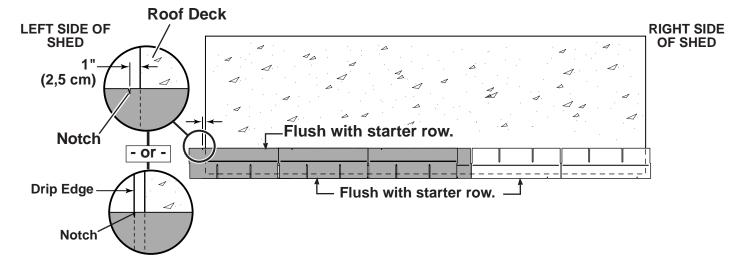
Starter row must be straight and level all the way across with lower edge of roof deck.

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

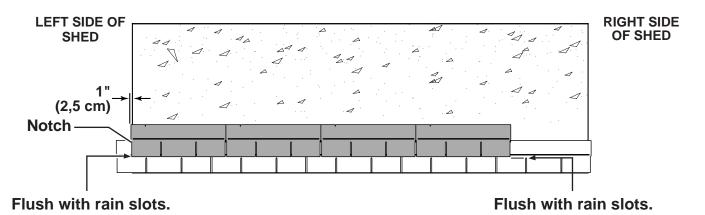


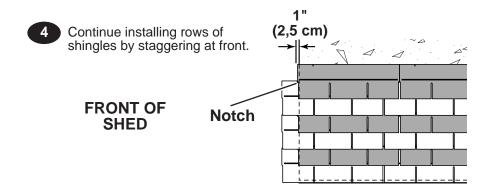
SHINGLES continued...

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



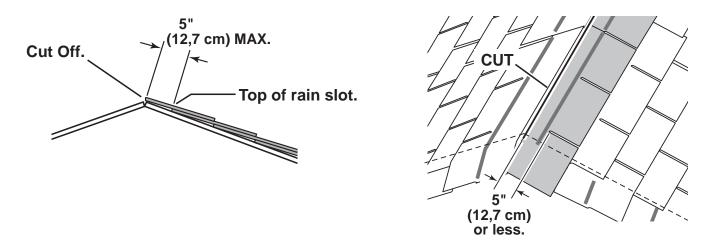
Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.



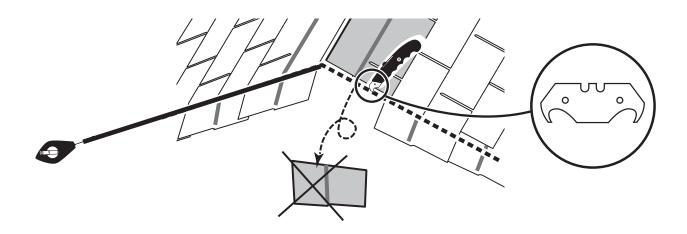


SHINGLES continued...

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



- If more than 5" (12,7 cm) to rain slot you must install another row of shingles.
- 6 Repeat steps 1 6 to shingle the opposite side of your roof. Trim shingles at ridge.
- 7 Once both sides are shingled you need to trim ends. Strike a chalk line 1" from edge.
- 8 Using your shingle hooked blade carefully cut shingles along chalk line.



FINISH

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

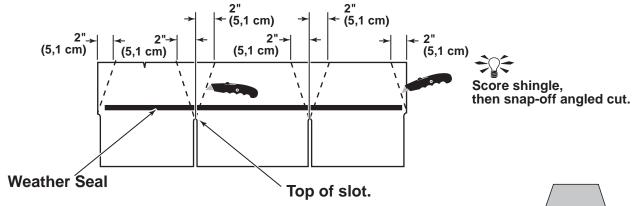
SHINGLES - RIDGE CAP



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

BEGIN

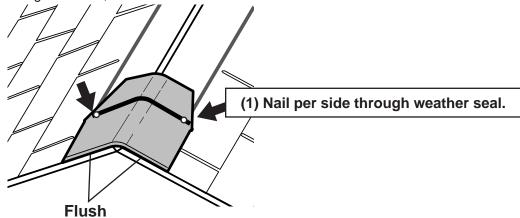
Cut shingles into THREE pieces. Hint: Use cut-off pieces first.



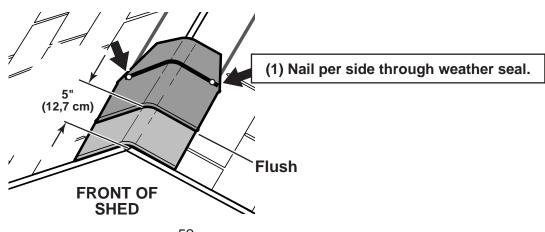
Note: • You will need about 24-26 cut pieces.



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



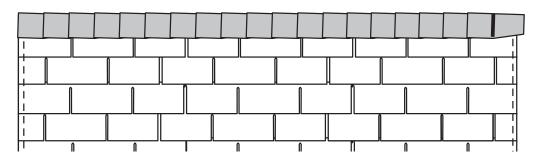
3 Install second ridge cap 5" back, as shown.



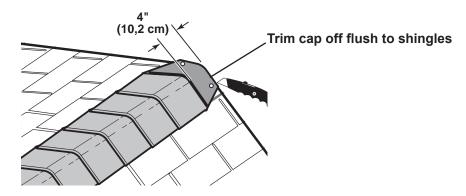
SHINGLES - RIDGE CAP

continued...

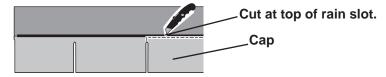
4 Continue installing ridge cap to back of roof.



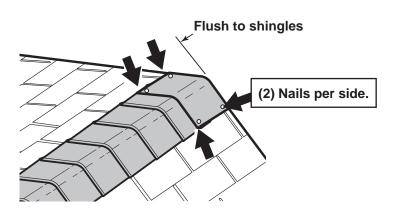
5 Make sure there is 4" (10,2 cm) between the shingle-color and edge of shingles.



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.

16587-A 10' x 8' Order Form

2 X 4 E E E E E E E E E E E E E E E E E E	Fascia "A" Fascia "B" Gable Trim Rafters Gable Connectors Studs Window Framing Eave Back Side Top Plate "A" Eave Back Side Top Plate "B" Eave Door Side Bottom Plate "A" Eave Door Side Bottom Plate "B" Eave Front Top Plate "B" Eave Front Top Plate "B" Cave Front Top Plate "B" Cave Front Top Plate "B" Floor Bond "A" Floor Bond "A" Floor Bond "B" Floor Joist Gauge Block Collar Tie Large Upper Roof Panel Large Lower Roof Panel	LUM SPF 2X3X96 #2&BTR 2 X 3 X 22" TOP PLATE 2 X 4 X 56" 22.5" L/S TRIM 2 X 4 X 54 1/8" 22.5" RAFTER 2 X 4 X 14 13/16" 22.5" O/E 2 X 4 X 68" STUD 2 X 4 X 68" STUD 2 X 4 X 17" 2 X 4 X 66 3/4" 2 X 4 X 42 3/4" PLATE 2 X 4 X 42 1/2" PLATE 2 X 4 X 48 0-1/2" STUD 2 X 4 X 29" PLATE LUM SPF 2X4X96 #2&BTR LUM WSPF 2X6X96 #1 PREMIUM PET 2 X 6 X 21 1/4" DOUBLER 2 X 4 X 24 #2&BTR LUM TRTD 2 X 4 X 93 #2&BTR 1 X 3 X 5" PINE FILLER	12115 Q 22000000000 O 56002222000 O 5402222200A O 14132200000 O 6800000000 O 1700000000 O 66120000000 O 4212000000 O 4212000000 O 4408000000 O 2900000000 T2306 12416 N 21040000000 P 92080000000 P 9400000000 P 93000000000 U 05000000000	2 2 2 4 8 4 18 2 2 2 2 1 1 1 1 1 4 2 2 2 2 2 2 2 2 2 2	PTI PR
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7/16 OSB	Large Upper Roof Panel	1 X 4 X 60" PINE COLLAR TIE			
7/16 OSB	Large Upper Roof Panel	TX TX GO TINE GOLD IN THE	T 60000000000	2	J
7/16 OSB	•		1 0000000000		
7/16 OSB	•	OSB 7/16" x 4' x 8'	11110	2	
7/16 USB		7/16" OSB 23 7/8" X 48" ROOF &	C 48002314000	2	_
	Small Lower Roof Panel	7/16" OSB 8-1/2" X 96" PANEL	C 96000808000	2	
<u> </u>	Small Upper Roof Panel	7/16" OSB 8-1/2" X 23 7/8"	C 23140808000	2	_
5/8 OSB	Over Door Stiffener	*5/8" OSB 3" X 96" DOOR	E 96000300000	1	
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GUSSETS G	Gusset	EZ8"/OSB 6" X 24" GUSSET 22.5*	J 24000600225	8	
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ĺF.	Front Wall Panel "A"	3/8" NG 12 1/2" X 72"	K 72001208000	1	
	Front Wall Panel "B" Window opening	3/8" NG 48" X 72" FRONTWALL W	K 72004800310	1	_
	Back Wall Panel "A"	3/8" NG 46 1/8"x 72" PANEL	K 72004602000	2	-
	Back Wall Panel "B"	3/8"NG 23 7/8" X72"PANEL OR	K 72002314000	1	_
NO GROOVE SIDING	Side Wall Panel	SIDING NGSE 3/8X4'X6'	11509	4	-
C	Corner Trim	3/8" NG 1 3/4" X 72"	K 72000112000	8	_
G	Gable Panel Center	3/8" NG 23-5/8" X 47-5/8"	K 4710231000A	2	-
G	Gable Panel wing RIGHT	3/8" NG 15 7/16" X 26 1/8" RGT	K 26021507100	2	-
	Gable Panel wing LEFT	3/8" NG 15 7/16" X 26 1/8" LFT	K 26021507200	2	
	Horizontal Door Rails	19/32 TST 2 1/2" X 22 5/8"	UT22100208000	2	F
	Shutter horizontal brace	19/32 TST 2 1/2" X 8"	UT08000208000	4	K
V	Vertical Window Trim	19/32 TST 2 1/2" X 22 1/4"	UT22040208000	6	F
	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	2	0
	Fixed Window	WINDOW 16-3/4X21-3/4 TRANSOM	15284	1	-
	Threshold	THRESHOLD 7/8" X 1-1/2" X 55-7/8	15419	11	-
	Hardware Kit	H/K 8 X 8 W/ 12 SQ WINDOW	15770	11	-
<u>B</u>	Black T-Handle 2" 6d Nails	HANDLE - T 5-1/2" SHAFT & "D"	15375	1 1	-
	2" 60 Nails 3" 10d Nails	NAIL 6D 2" BOX HDG BOX NAIL 10D 3" BOX HDG BOX	15105 15109	2	
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PACKAGING In	nstructions		16587-A	1	-
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	30189-RA				
	Door Bonol	3/8" NG 27-3/8" X 71-1/2" DOOR	K 7108270600A		1
	Door Panel		30121-TT		1 -
Right Door Assembly	Right Hinge Assembly	HINGE RIGHT (RED) 19/32x3 THIN TRIM			1 G
Right Door Assembly	Right Hinge Assembly Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000		
Right Door Assembly	Right Hinge Assembly Vertical Door Stiles Horizontal Door Rails		UT71100208000 UT22100208000		3 F
Right Door Assembly	Right Hinge Assembly Vertical Door Stiles Horizontal Door Rails 30189-L	19/32 TST 2 1/2" X 71 5/8" 19/32 TST 2 1/2" X 22 5/8"	UT22100208000		
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Right Door Assembly	Right Hinge Assembly Vertical Door Stiles Horizontal Door Rails 30189-L	19/32 TST 2 1/2" X 71 5/8" 19/32 TST 2 1/2" X 22 5/8"	UT22100208000		3 F. 1 1 G

WARRANTY REGISTRATION

Please complete your warranty registration to properly validate your warranty.

Register your product online at:www.OnlineWarranty.net.

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
- Siding and Trim is warranted for 10 years.
- Solar Shed windows are warranted for 1 year.
- Cedar lumber is warranted for 15 years.
- 7. Preserved Pine is warranted for 10 years.

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

CONDITIONS

The warranty is effective only when:

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

REQUIREMENTS

Storage Buildings

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

Gazebos & Pergolas

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

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

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

CLAIM PROCEDURE

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

- 1. The model and size of the product.
- 2. A list of the part(s) for which the claim is made.
- 3. Proof of purchase of the Backyard Storage Solutions, LLC item, as shown on the original invoice.
- 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