

**16639**



***Call Us First!***  
***DO NOT RETURN TO STORE.***

**For immediate help with assembly or product information  
call our toll-free number:**

**1-800-844-9273**

**or email:**

***customerservice@backyardproductsllc.com***

**Our staff is ready to provide assistance.**

**April through October M - F 8:00 AM to 7:00 PM EST**

**Saturday 8:30 AM to 4:30 PM EST**

**November through March M - F 8:00 AM to 5:00 PM EST**

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A Backyard Products Company

# ASSEMBLY MANUAL

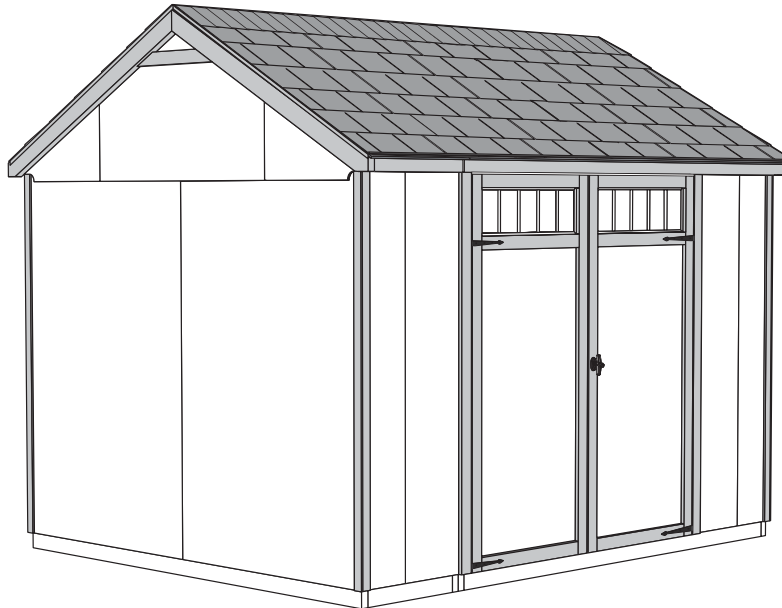
16639

10/10/2011

## BRIDGEPORT 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**



**⚠ IMPORTANT! ⚠**

**READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY.**

### ***BEFORE YOU BEGIN***

- **BUILDING RESTRICTIONS AND APPROVALS**

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

- **ENGINEERED DRAWINGS**

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

- **SURFACE PREPARATION**

To ensure proper assembly you must build your shed on a level surface. Recommended methods and materials to level your shed are

listed on page 8

- **CHECK ALL PARTS**

Inventory all parts listed on pages 4-6. 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.



**- CUSTOMER SERVICE -**




**Call: 1-800-844-9273 email: [customerservice@backyardproductsllc.com](mailto:customerservice@backyardproductsllc.com)**

# TOOLS

## Required

Phillips Screwdriver 

Drill / Driver  
 3/8" Drill Bit  
 #2 Phillips Drive Bit

Hammer 


Pencil 


Tape Measure 

Square 


Level 


Chalk Line 

Utility Knife  
 Shingle Blades 

Caulk Gun 

Exterior rated Wood Glue 


Ladder 


Paint Tools 


## Optional

Tool Belt/ Nail Pouch 

Safety Glasses 

Nail Gun  
 • Gun Nails 

Gloves 

Clamps 

Saw 


Safety! Always use approved safety glasses during assembly.


## HELPFUL REMINDER SYMBOLS


Look for these symbols for helpful reminders throughout this manual.


 = Assistance Required; two or more people.


 = Mark part with pencil.

 = Ensure squareness.

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

 = Important required step or operation.

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

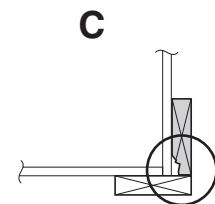
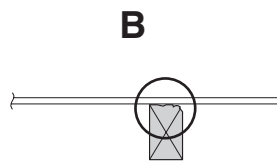
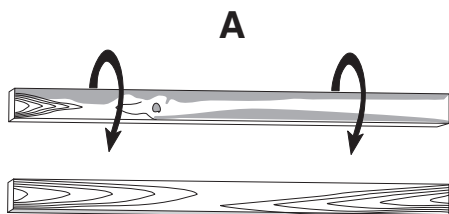
 = Helpful assembly hint.

 = Level

## ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

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

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



## ADDITIONAL MATERIALS

### FOUNDATION OR FLOOR MATERIALS

- This shed kit includes a complete wood floor system.
- It does not include ANY leveling materials.
- See the **FLOOR LEVELING** section on page 8 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.

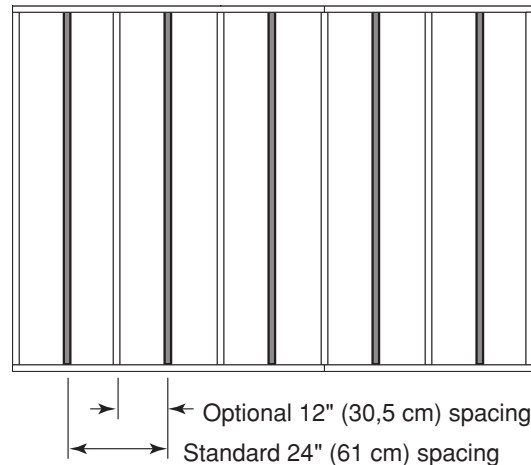
### REINFORCED WOOD FLOOR FRAME (OPTIONAL)

**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** 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

**x20** ea. 3" (7,6 cm) galvanized nails



### 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** .....2 Gallons  
Use 100% acrylic latex exterior paint. (2) coats recommended.

**PAINT FOR TRIM** .....1 Quart  
Use 100% acrylic latex exterior paint.

**CAULK** .....2 Tubes  
Use acrylic latex exterior caulk that is paintable. 

**WOOD GLUE** ..... Exterior Rated

### OPTIONAL MATERIALS

**DRIP EDGE** ..... 40 Feet

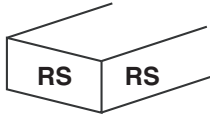
**#15 ROOFING FELT**  
To cover 100 Sq. Ft. of roof area.

**1" GALVANIZED ROOFING NAILS**.....1/4 Lb  
For roofing felt.

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

# PARTS IDENTIFICATION AND SIZES

Part identification is stamped on some parts.



• Check these locations for Part stamps

Treated lumber is stamped:

**TREATED**

## WOOD SIZE CONVERSION CHART

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

## PARTS LIST



INVENTORY YOUR PARTS before you begin.

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

**FLOOR**

- x2 **TREATED** 2 x 4 x 24" (5,1 x 10,2 x 61 cm)
- x6 **TREATED** 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)
- x2 **TREATED** 2 x 4 x 92-1/2" (5,1 x 10,2 x 235 cm)

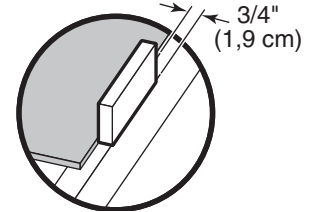
Treated lumber is stamped:

**TREATED**

**WALLS**

- x2 **DJ** 2 x 3 x 10-1/4" (5,1 x 7,6 x 26 cm)
- x4 **RK** 2 x 3 x 13" (5,1 x 7,6 x 33 cm)
- x4 **DE** 2 x 3 x 15-7/8" (5,1 x 7,6 x 40,3 cm)
- x6 **LR** 2 x 3 x 19" (5,1 x 7,6 x 48,3 cm)
- x2 **LF** 2 x 3 x 21-1/2" (5,1 x 7,6 x 54,6 cm)
- x2 **DG** 2 x 3 x 26-1/4" (5,1 x 7,6 x 66,7 cm)
- x2 **NN** 2 x 3 x 47-3/4" (5,1 x 7,6 x 121,3 cm)
- x2 **NH** 2 x 3 x 46-1/4" (5,1 x 7,6 x 117,5 cm)
- x12 **OT** 2 x 3 x 68" (5,1 x 7,6 x 172,7 cm)
- x2 **OZ** 2 x 3 x 70-1/4" (5,1 x 7,6 x 178,4 cm)
- x6 **PS** 2 x 3 x 91" (5,1 x 7,6 x 231,1 cm)
- x3 **PT** 2 x 3 x 96" (5,1 x 7,6 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)

- 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



**ROOF**

- x8 6 x 24" (15,2 x 61 cm)
- x8 **DD** 2 x 4 x 57-3/4" (5,1 x 10,2 x 146,7 cm)
- x2 **JF** 1 x 4 x 60" (2,5 x 10,2 x 152,4 cm)

**TRIM**

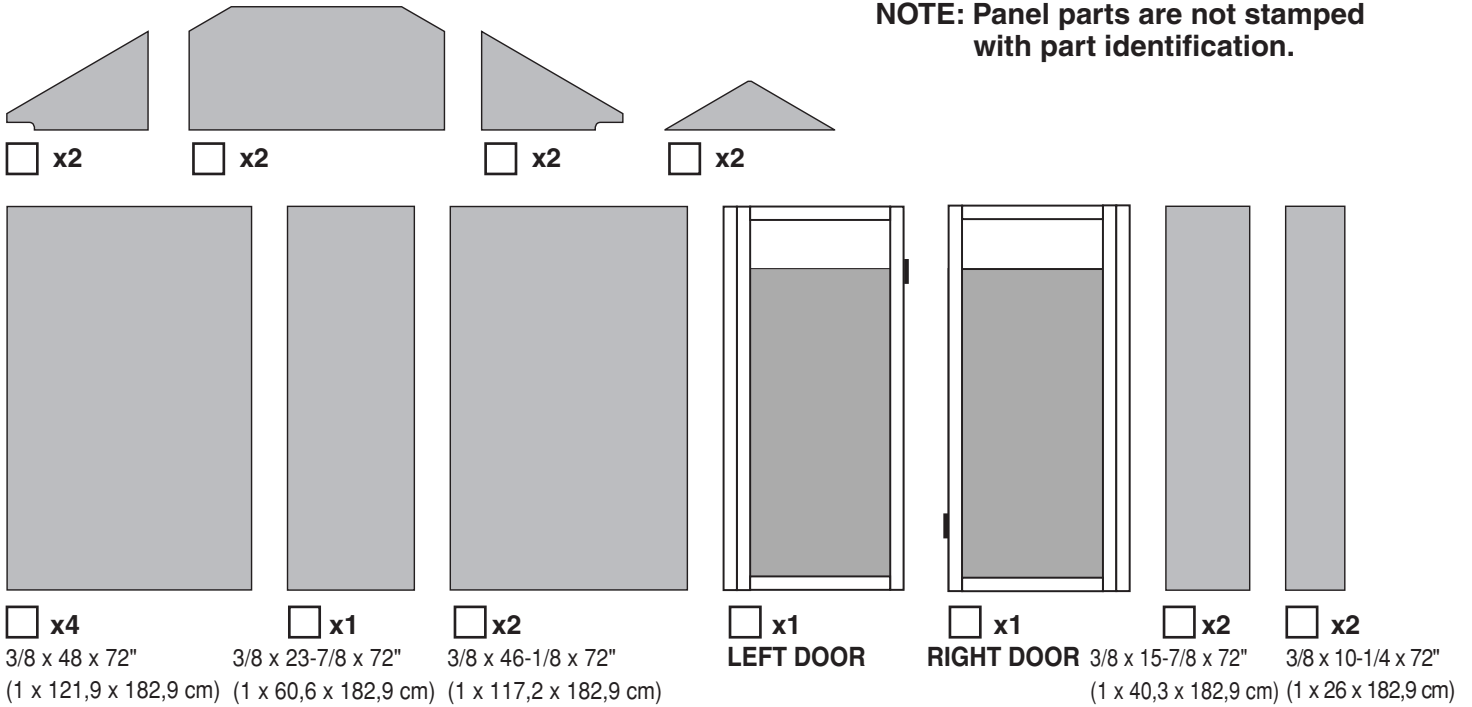
- x2 **CT** 1 x 3 x 22" (2,5 x 7,6 x 55,4 cm)
- x2 **CP** 1 x 3 x 22-5/8" (2,5 x 7,6 x 57,5 cm)
- x4 **CN** 2 x 4 x 59-1/4" (5,1 x 10,2 x 150,5 cm)
- x8 3/8 x 1-3/4 x 72" (1 x 4,5 x 182,9 cm)
- x2 **BE** 1 x 3 x 96" (2,5 x 7,6 x 243,8 cm)

**DOORS**

- x2 **AH** 19/32 x 2-1/2 x 26-5/8" (1,5 x 6,4 x 67,6 cm)
- x2 **OO** 2 x 3 x 69" (5,1 x 7,6 x 175,3 cm)
- x1 3/8 x 1-3/4 x 69" (1 x 4,4 x 175,3 cm)

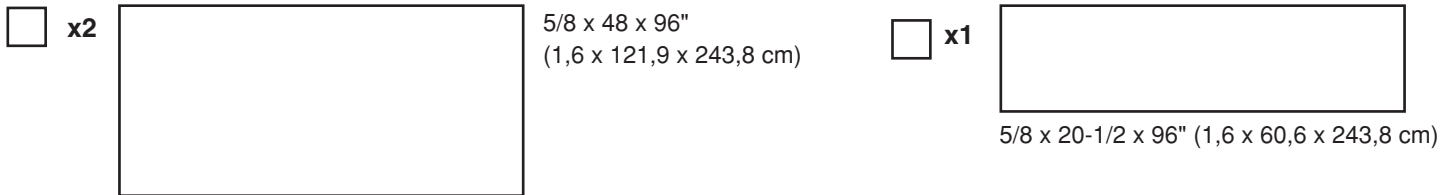
## WALL PANEL & DOOR PARTS LIST

**NOTE: Panel parts are not stamped with part identification.**



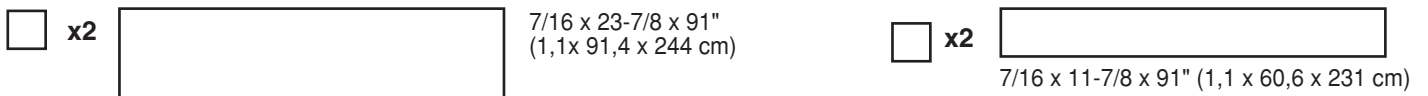
## FLOOR PANELS

**Floor panels are 5/8" (15,8 mm) thick.**



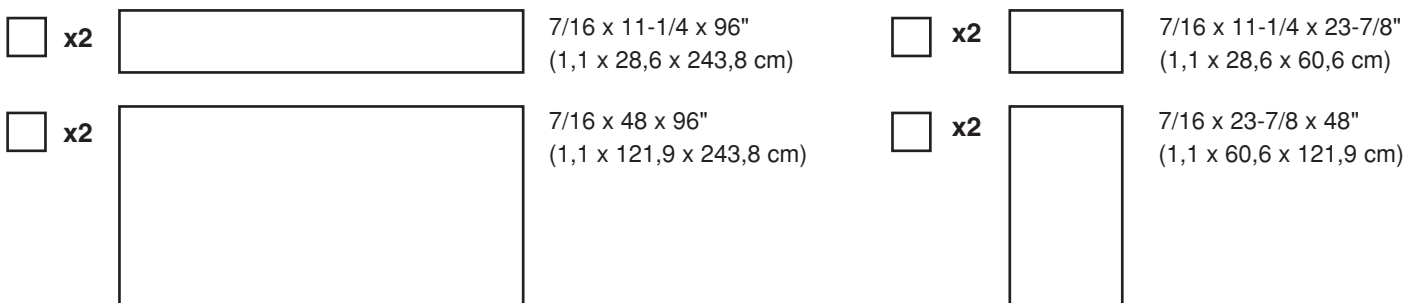
## LOFT & SHELF PANELS

**Loft & shelf panels are 7/16" (11 mm) thick.**

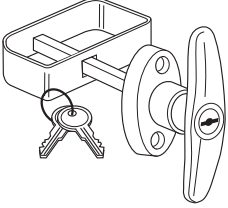
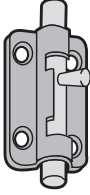
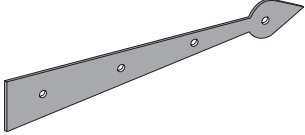



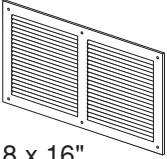
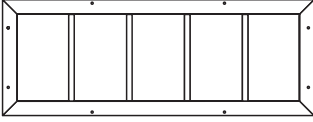




## ROOF PANELS

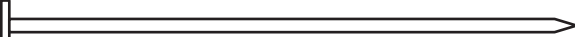

**Roof panels are 7/16" (11 mm) thick.**









## DOOR HARDWARE & VENT

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> <b>x1</b>                           | <input type="checkbox"/> <b>x2</b>                                     | <input type="checkbox"/> <b>x4</b>                 |
| <input type="checkbox"/> <b>x2</b>  1-1/2" (3,8 cm)          | <input type="checkbox"/> <b>x8</b>  3/4" (1,9 cm)                      | <input type="checkbox"/> <b>x12</b>  3/4" (1,9 cm) |
| <input type="checkbox"/> <b>x2</b>  8 x 16" (20,3 x 35,6 cm) | <input type="checkbox"/> <b>x2</b>  10-1/2 x 28-1/4" (26,7 x 71,4 cm) |   |
| <input type="checkbox"/> <b>x12</b>  1/2" (1,3 cm)           | <input type="checkbox"/> <b>x16</b>  3/4" (1,9 cm)                     |   |

## NAIL BOXES

- |                          |                 |   |             |
|--------------------------|-----------------|---|-------------|
| <input type="checkbox"/> | <b>x3 BOXES</b> |   | 3" (7,6 cm) |
| <input type="checkbox"/> | <b>x4 BOXES</b> |  | 2" (5,1 cm) |

## FASTENER/HARDWARE BAG

- |                          |             |   |                 |
|--------------------------|-------------|---|-----------------|
| <input type="checkbox"/> | <b>x150</b> |  | 1-1/2" (3,8 cm) |
| <input type="checkbox"/> | <b>x98</b>  |  | 2" (5,1 cm)     |
| <input type="checkbox"/> | <b>x85</b>  |  | 3" (7,6 cm)     |
| <input type="checkbox"/> | <b>x14</b>  |  | 2" (5,1 cm)     |
| <input type="checkbox"/> | <b>x55</b>  |  | 1-1/4" (3,2 cm) |
| <input type="checkbox"/> | <b>x73</b>  |  | 3/4" (1,9 cm)   |

## NOTES

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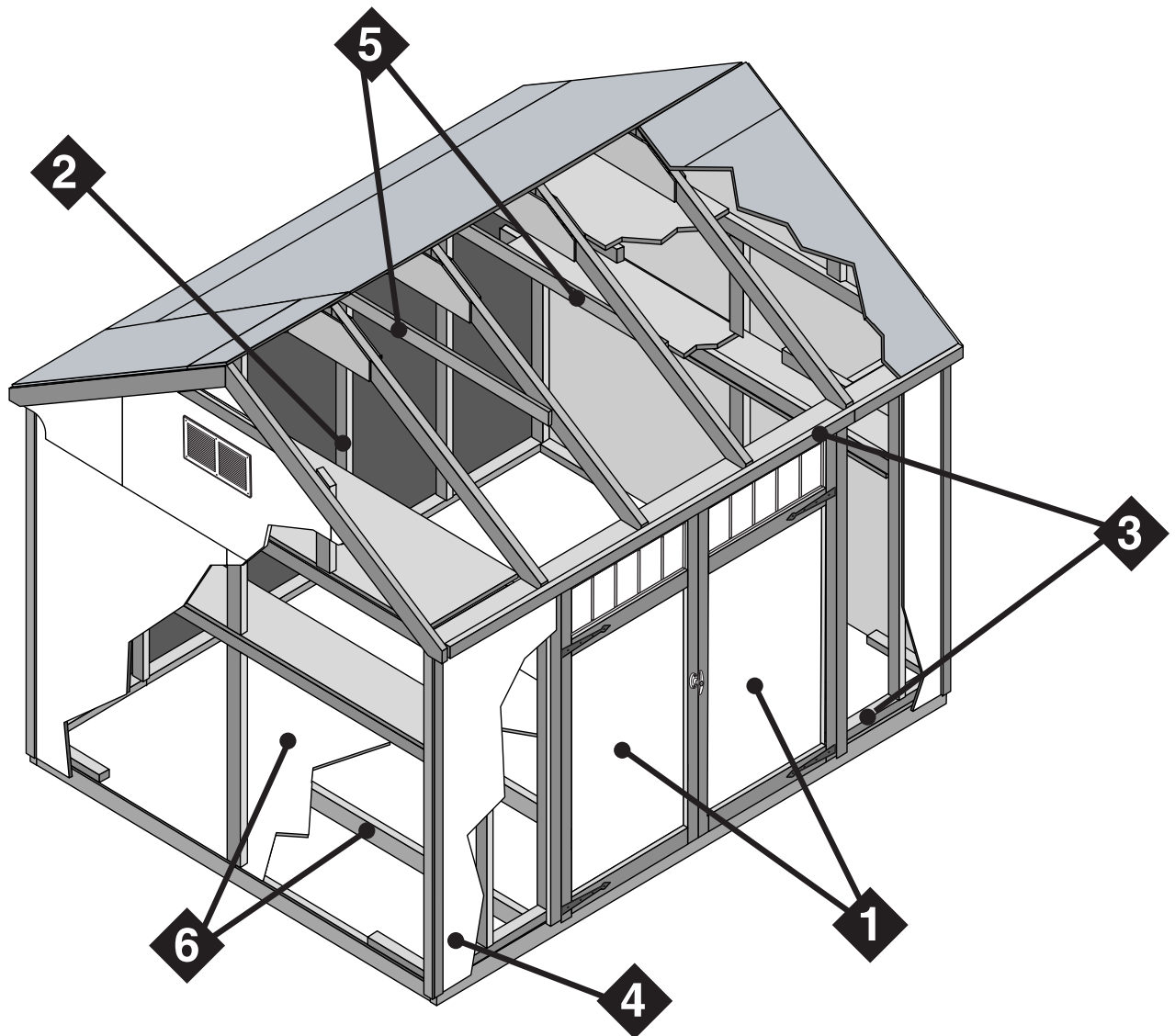
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## BUILDING ANATOMY



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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.

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- ◆ 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

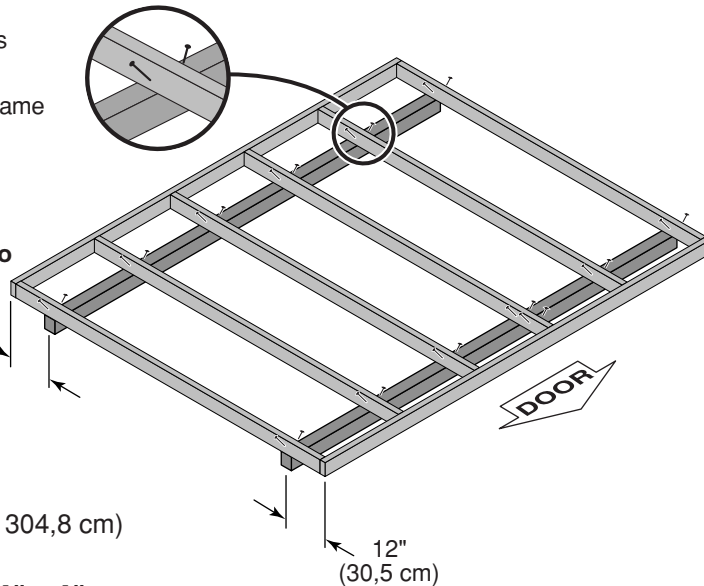
There are multiple ways to level your floor frame. Our recommended leveling method is shown below.  
Leveling materials are not included in this kit.

### PREFERRED METHOD - 4x4 TREATED RUNNERS

- 3" (7,6 cm) Screws angled into 4x4.
- (2) at each point frame and 4x4 touch.

Measurements to centers of 4x4's.

12"  
(30,5 cm)



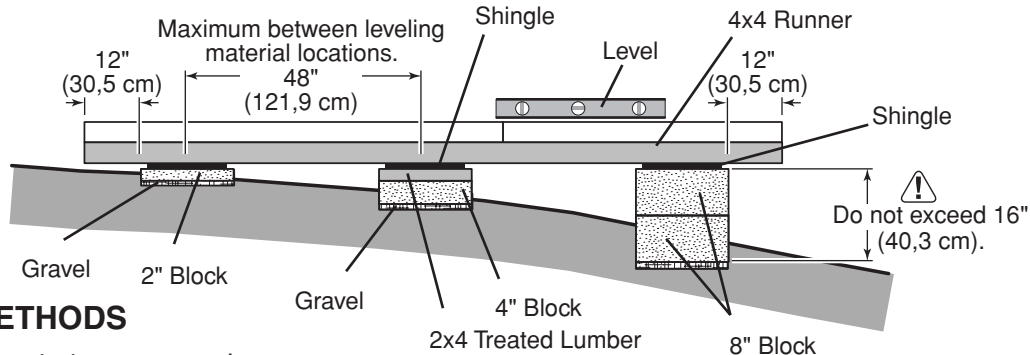
### MATERIAL REQUIRED

**x2** 4" x 4" x 10' (10,2 x 10,2 x 304,8 cm) Treated Lumber

**Fasteners for Frame to 4" x 4".**  
(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.**



### LEVELING METHODS

- 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

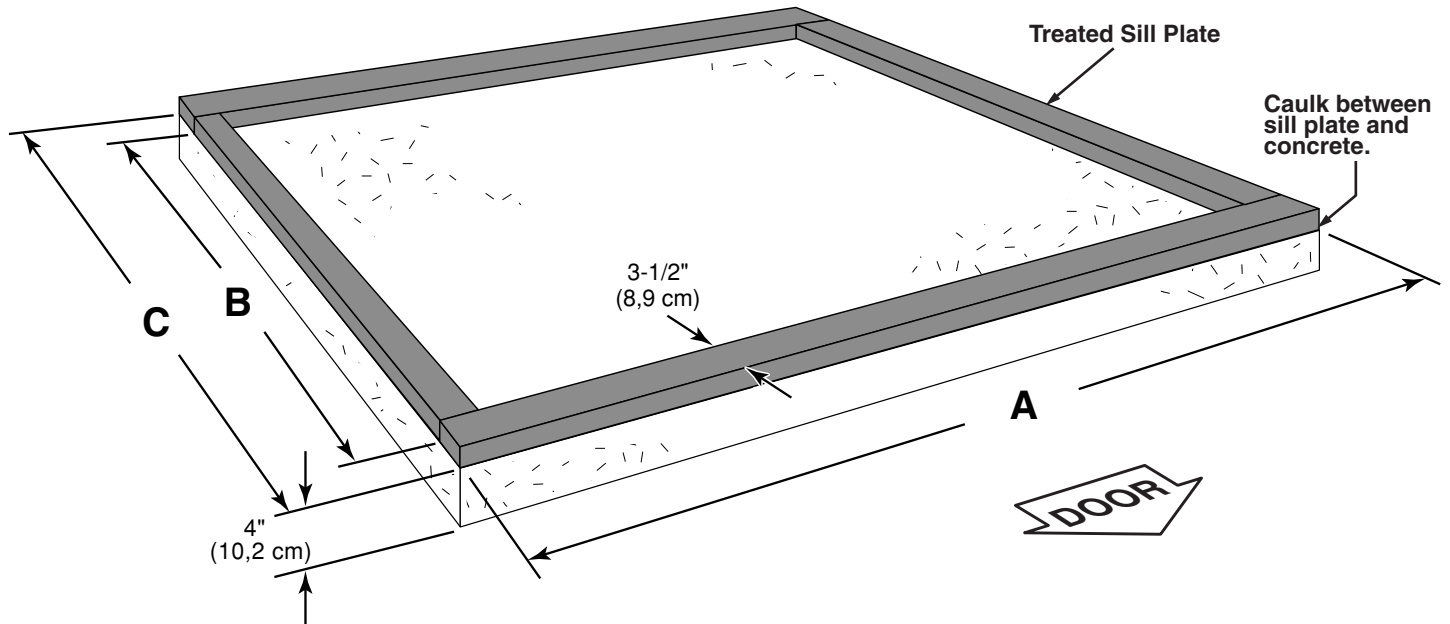
**⚠ Leveling higher than 16" (40,3 cm) not recommended.**

### 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 kit on a concrete slab refer to the diagram below.



Building Size	Actual Size	A	B	C
10'x 8' (304,8 x 243,8 cm)	116-1/2" x 96" (295,9 x 243,8 cm)	116-1/2" (295,9 cm)	89" (226,1 cm)	96" (243,8 cm)

**Requires:**

- x2 2" x 4" x 10' (5,1 x 10,2 x 304,8 cm) **MUST be treated lumber.**
- x2 2" x 4" x 8' (5,1 x 10,2 x 243,8 cm) **MUST be treated lumber.**
- x1 Caulk

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

- A treated 2 x 4" (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete. **Hint: 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" (5,1 x 10,2 cm) sill plates to slab using approved concrete anchors (**fasteners not included**).
- Check local code for concrete foundation requirements.

### NOTES

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## FLOOR FRAME

**STOP!**



### **LEVEL AND SQUARE FLOOR FRAME**



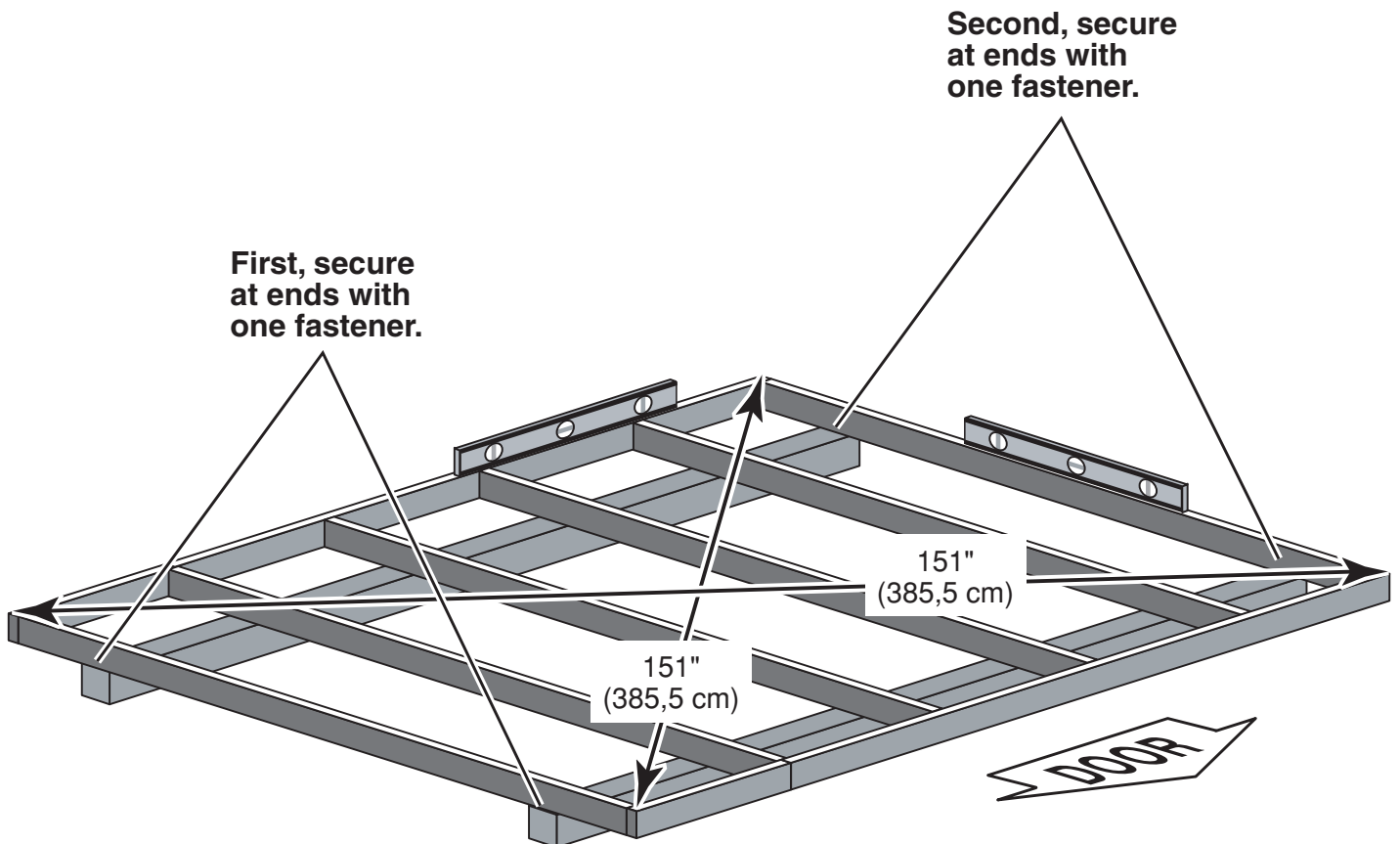
Before attaching floor decking, it is important to level and square the floor frame. A level and square floor frame is required to correctly construct your shed.

**STOP!**



**BEGIN**

- 1** See page 8 for the preferred floor leveling method.
  - 2** Use level and check the frame is level before applying floor panels.
  - 3** Check for frame squareness by measuring diagonally across corners. If the measurements are the same, the frame is square. The diagonal measurement will be approximately 151" (385,5 cm).
  - 4** When the frame is level and square secure one side of frame to the 4x4 runners using one fastener at ends of each runner. Move to the opposite end of the frame. Secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square (**Fig. A**).
- FINISH**
- 5** Once the floor frame is level and square fasten the frame to at each point the frame contacts the 4x4 runners .



**Fig. A**

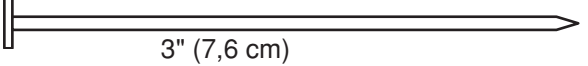
# FLOOR FRAME

## PARTS REQUIRED:

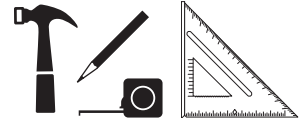
x2 **TREATED**  
2 x 4 x 24" (5,1 x 10,2 x 61 cm)

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

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

x 28  3" (7,6 cm)

NOTE: Look for **TREATED** Stamp



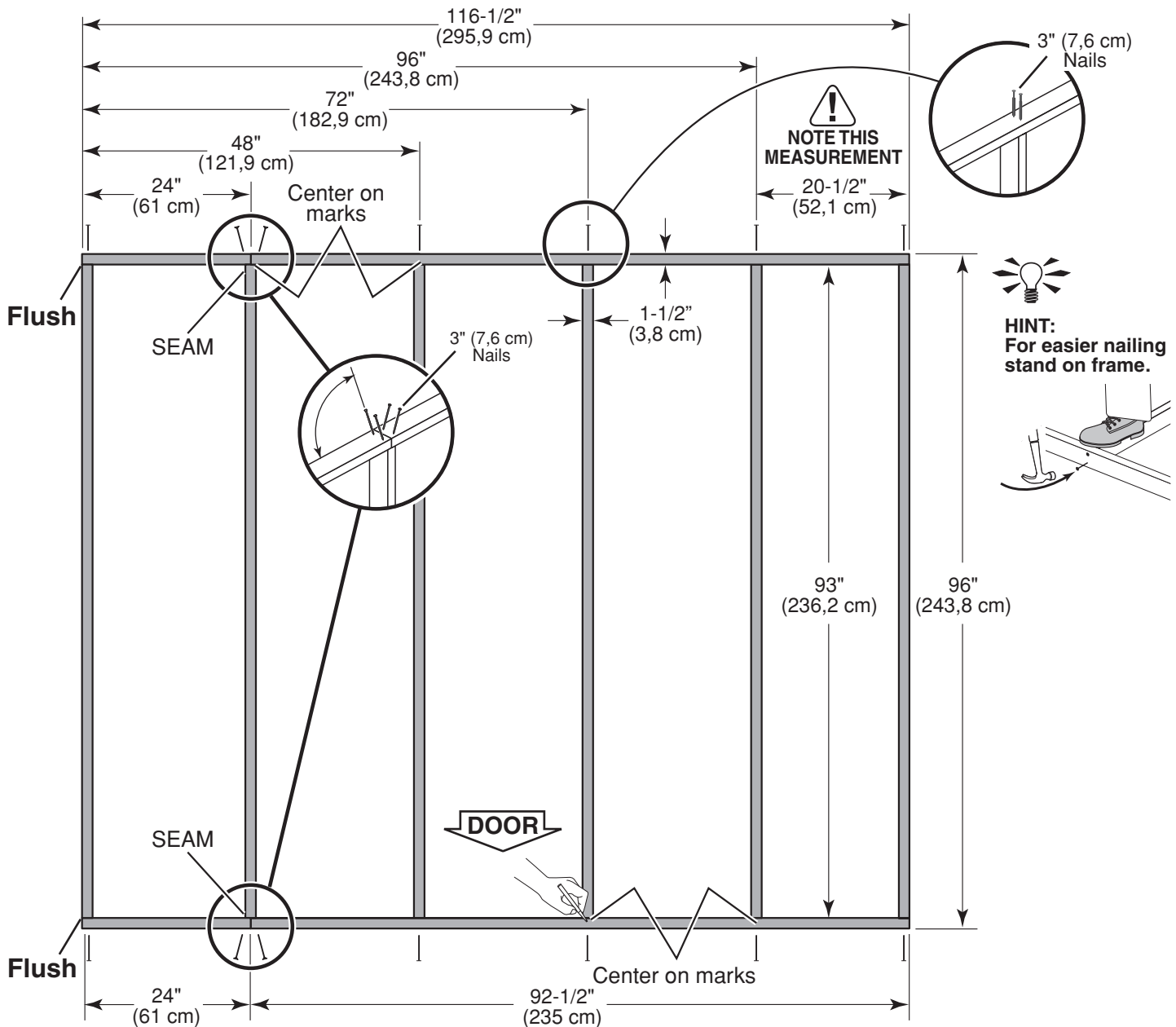
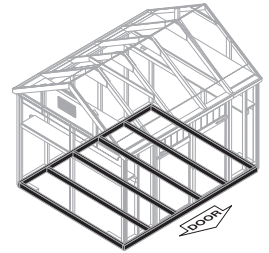
### ✓ BEGIN

**1** Orient parts as shown on flat surface. Measure and mark each dimension from end of boards.

**2** Use two 3" (7,6 cm) nails at each mark, and four 3" (7,6 cm) nails at seams as shown.

### FINISH

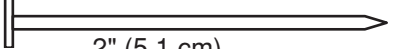

**3** You have finished your floor frame. Proceed to level and square frame.



# FLOOR

## PARTS REQUIRED:

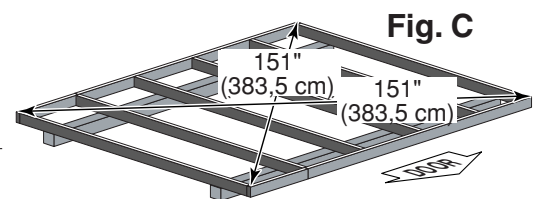
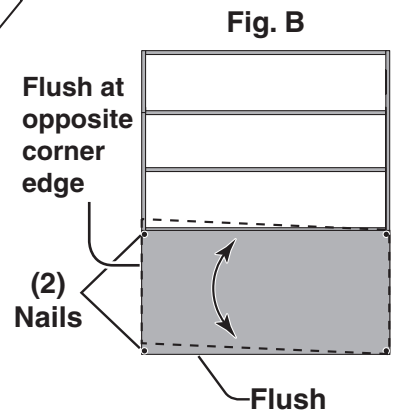
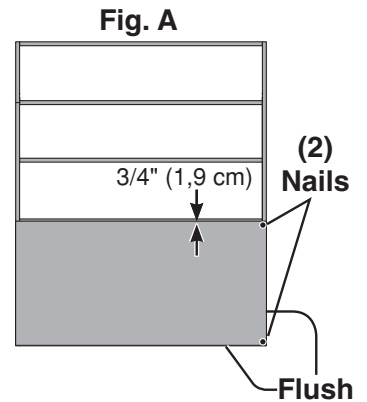
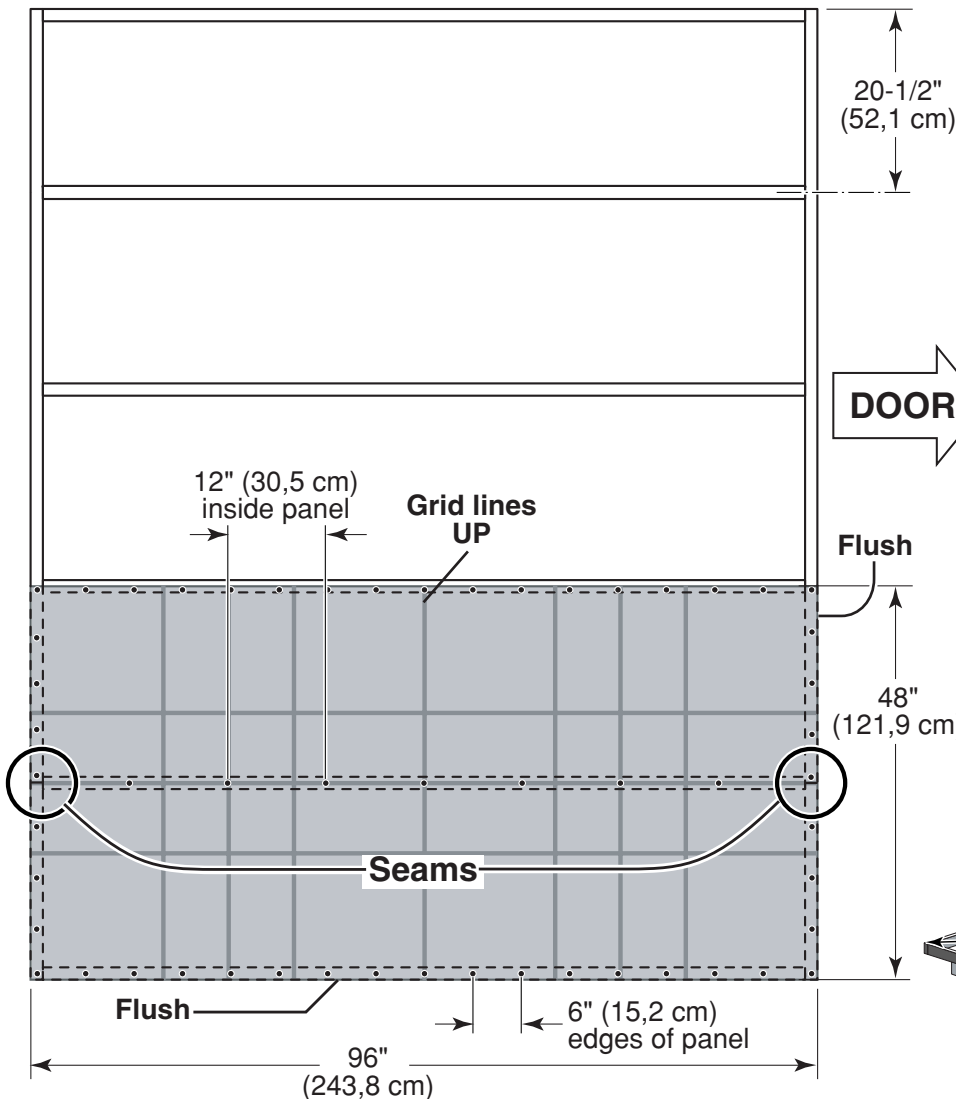
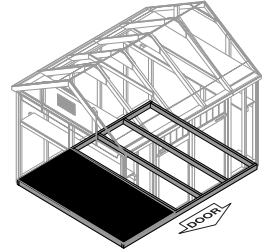
x1  5/8 x 48 x 96"  
(1,6 x 121,9 x 243,8 cm)

x52  2" (5,1 cm)  


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



### ✓ BEGIN

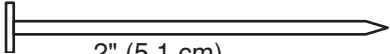
- 1 Attach the 48 x 96" (121,9 x 243,8 cm) panel with the rough side up (painted-grid lines side) with the 48" (121,9 cm) edge and corner flush to the floor frame (**Fig A**). Secure panel with two 2" (5,1 cm) nails in the corners.
- 2 Move to the opposite side. Using the long edge of the panel as a lever, move the panel side-to-side until corner is flush to the floor frame (**Fig. B**). Secure panel with two 2" (5,1 cm) nails in the corners.
- 3 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 using 2" (5,1 cm) nails 6" (15,2 cm) apart on edges, and 12" (30,5 cm) apart inside panel.

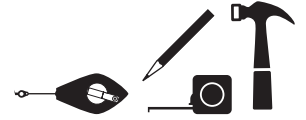



# FLOOR PANELS

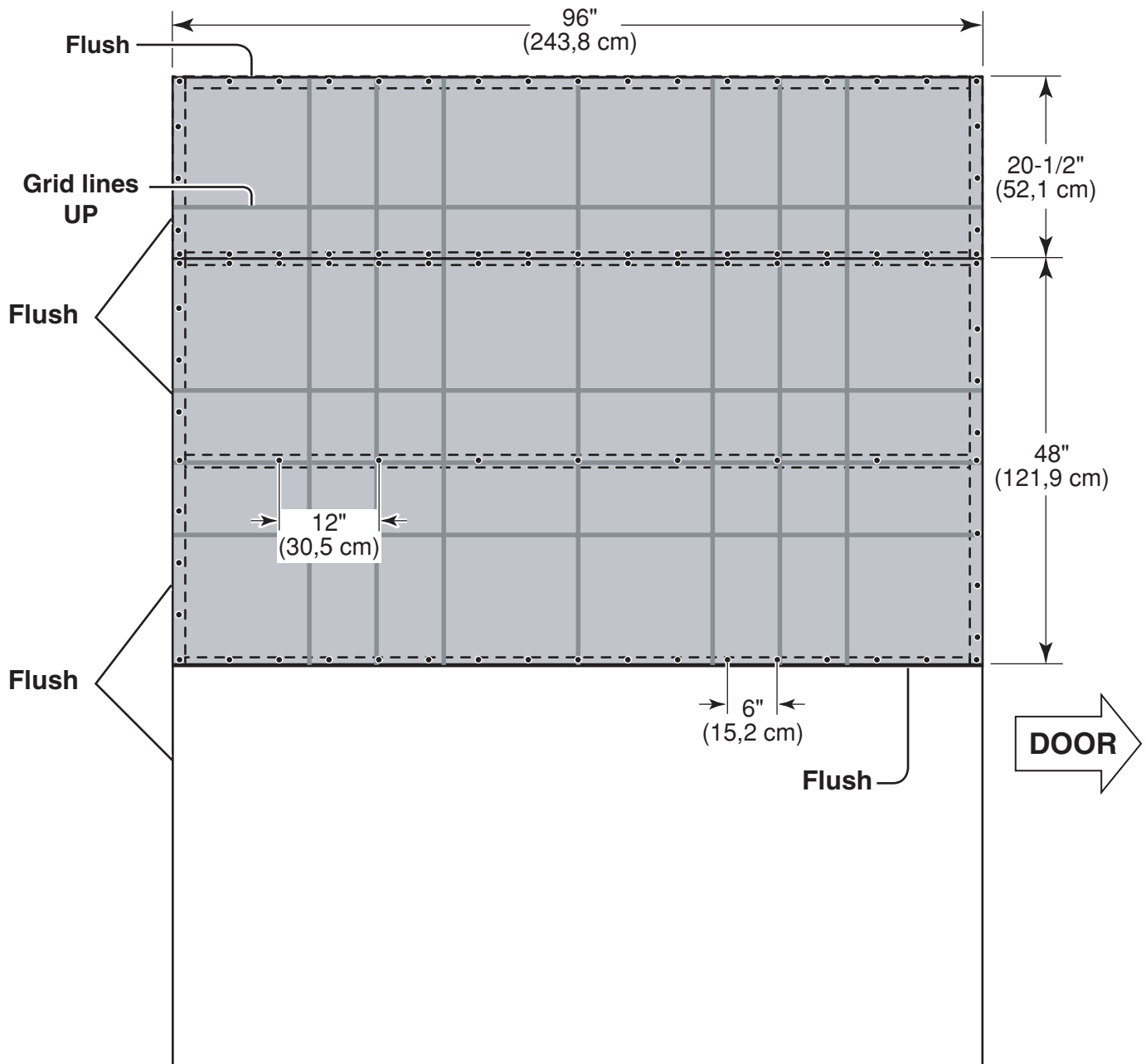
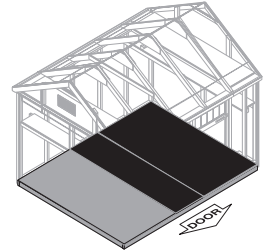
## PARTS REQUIRED:

- 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)

x96  2" (5,1 cm)



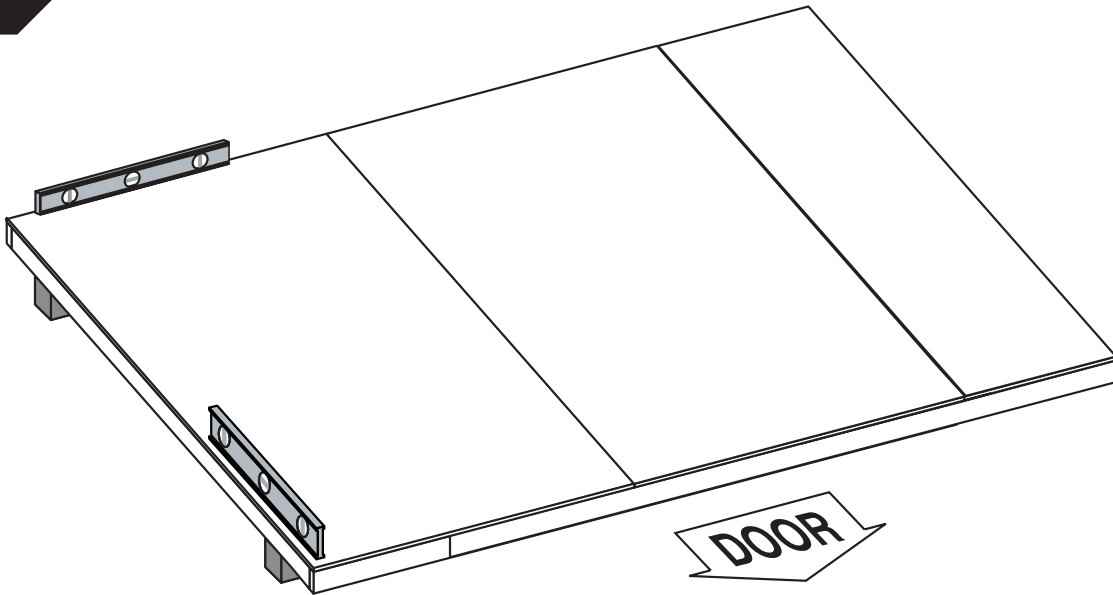
- 5 Continue installing panels with rough side up (painted grid lines).
- 6 Use a chalk line or grid lines on panel for 2" (5,1 cm) nails 6" (15,2 cm) apart on edges, and 12" (30,5 cm) apart inside panels.
-  **FINISH**
- 7 You have finished attaching your floor panels.



## IMPORTANT!

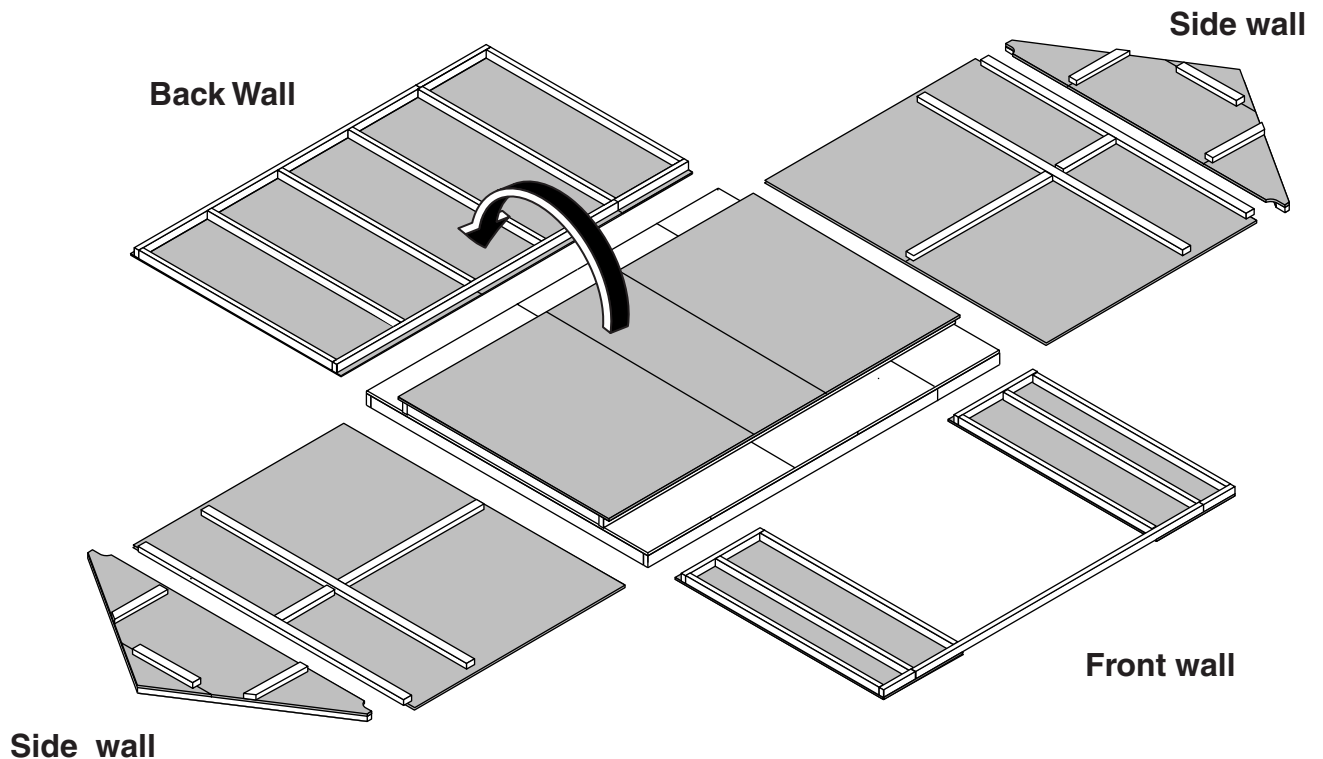
**STOP!**

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



**HINT:**

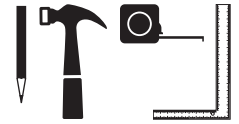
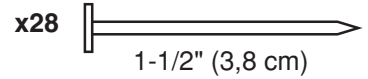
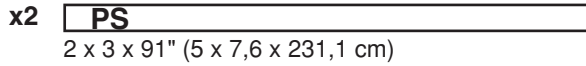
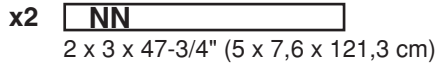
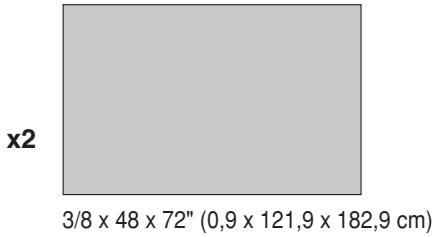
- The floor should be used as a level work surface for wall construction.
- Organize your wall sections during sub-assembly to avoid over-handling of the walls.





# LEFT WALL

## PARTS REQUIRED:



### ✓ BEGIN

**1** You will build 2 side walls the same.

Orient **NN** and **PS** on flat on floor as shown.

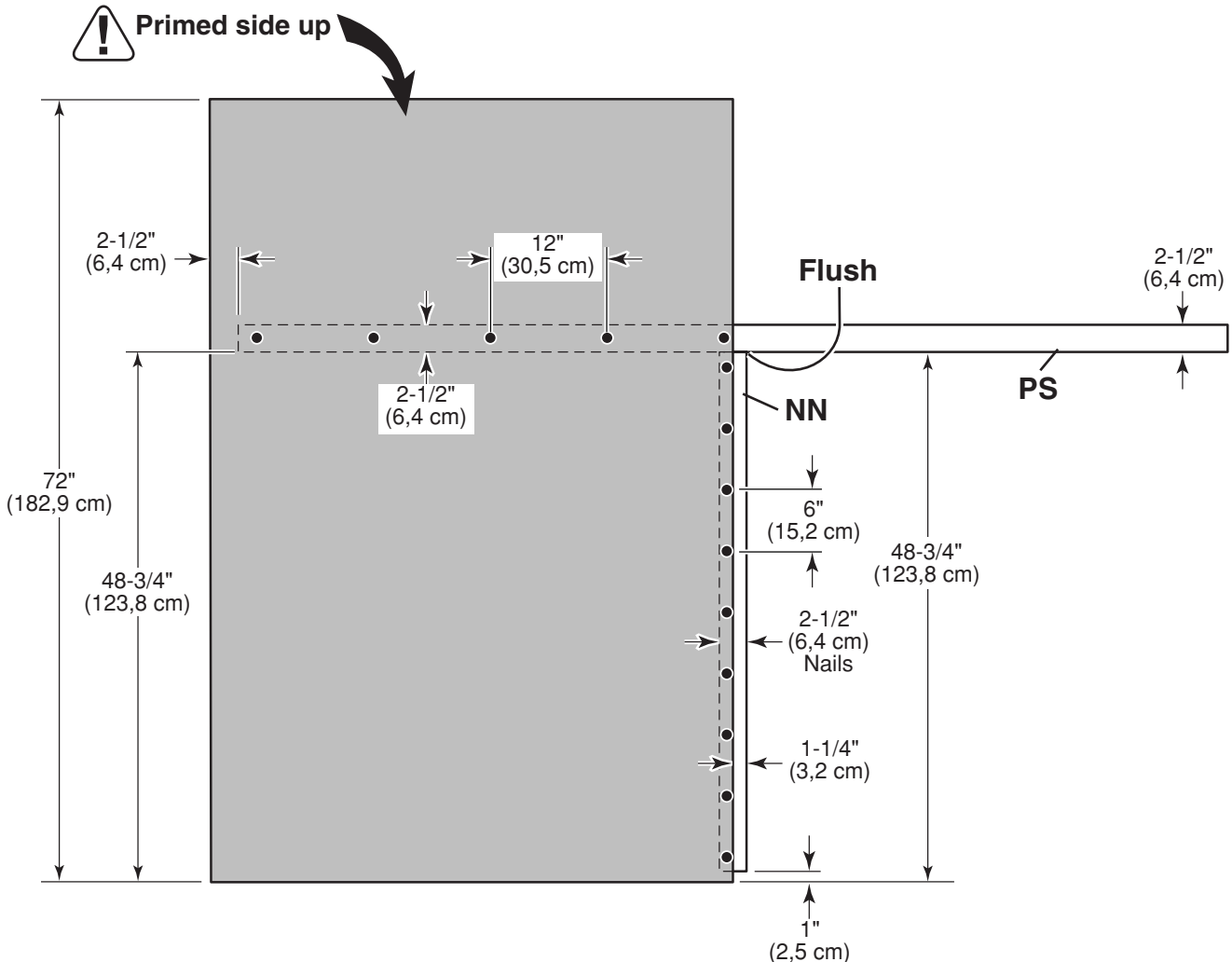
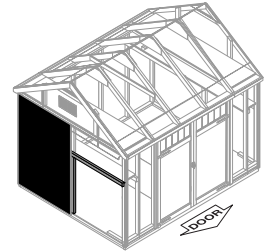
**2** Place panel on them with primed side up.

**3** Nail **NN** first, 1" (2,5 cm) from panel bottom.



Use 1-1/2" (3,8 cm) nails 6" (15,2 cm) apart.

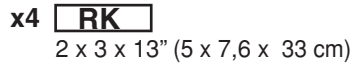
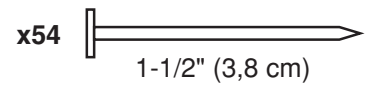
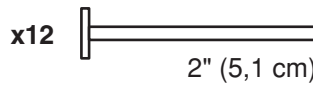
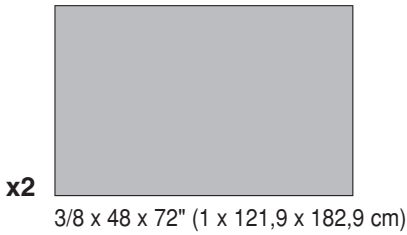
**4** Place **PS** flush to **NN** and 2-1/2" (6,4 cm) overhang is to outside. Hold the 48-3/4" (123,8 cm) measurement and secure with 1-1/2" (3,8 cm) nails 12" (30,5 cm) apart.





## SIDE WALLS

### PARTS REQUIRED:

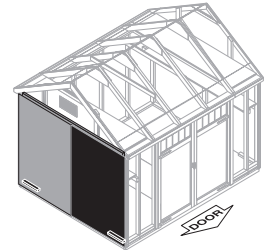
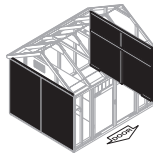


**8** Place panel flush to attached panel with primed side up.

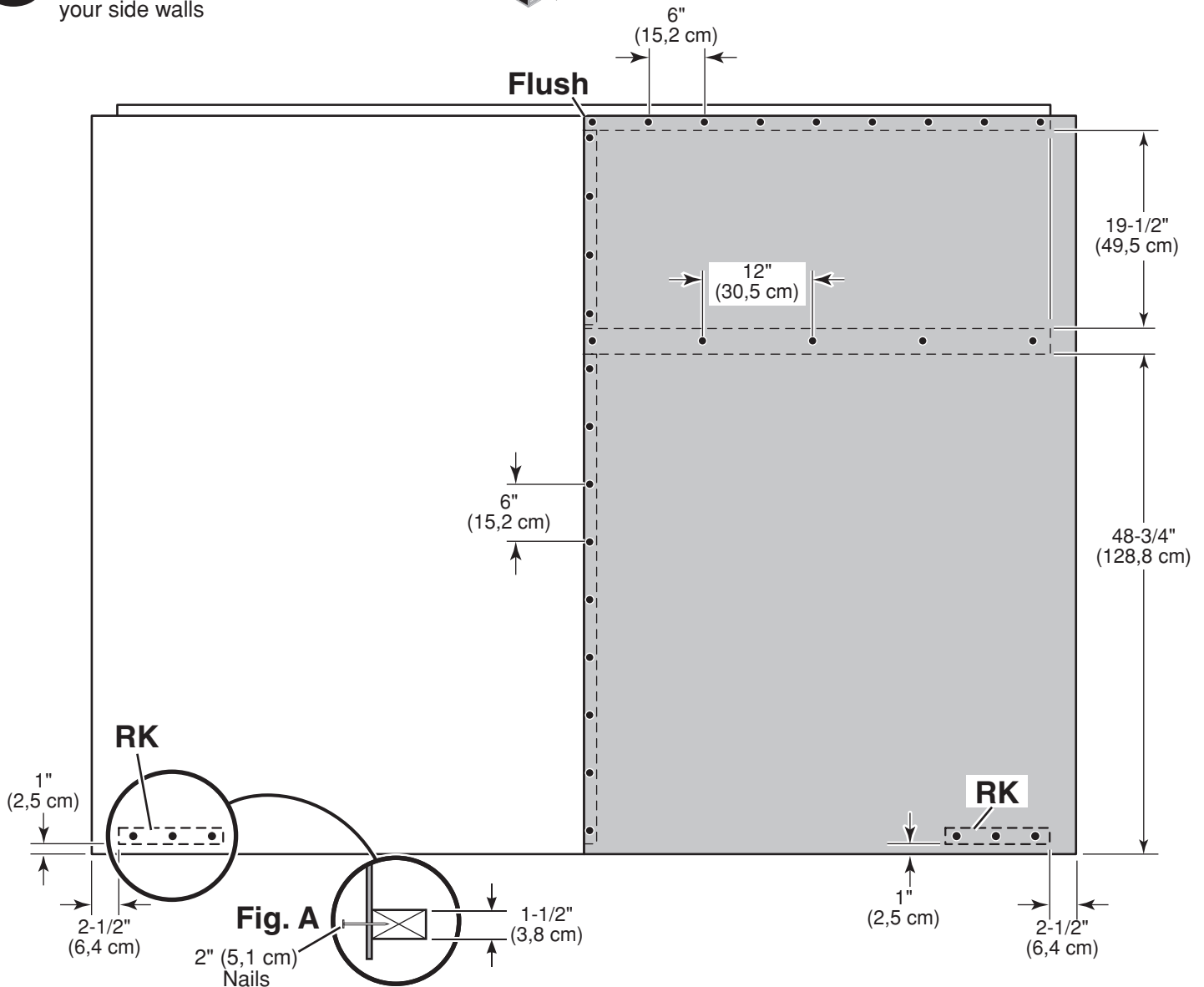
Use 1-1/2" (3,8 cm) nails 6" (15,2 cm) apart on edges and 12" (30,5 cm) apart inside.

**9** Position RK on edge as shown (**Fig. A**). Secure with three 2" (5,1 cm) nails.

**10** Repeat **STEPS 1-9** for other side wall.



**7** You have finished building your side walls



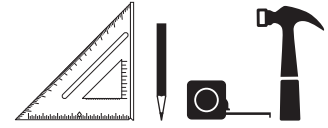
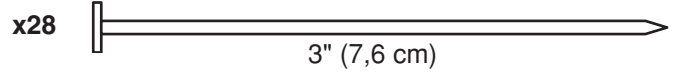
# BACK WALL FRAME

## PARTS REQUIRED:

x2 **NH**  
2 x 3 x 46-1/4" (5,1 x 7,6 x 117,5 cm)

x6 **OT**  
2 x 3 x 68" (5,1 x 7,6 x 172,7 cm)

x2 **OZ**  
2 x 3 x 70-1/4" (5,1 x 7,6 x 178,4 cm)



**NOTE:** Dimensions are to center of studs.

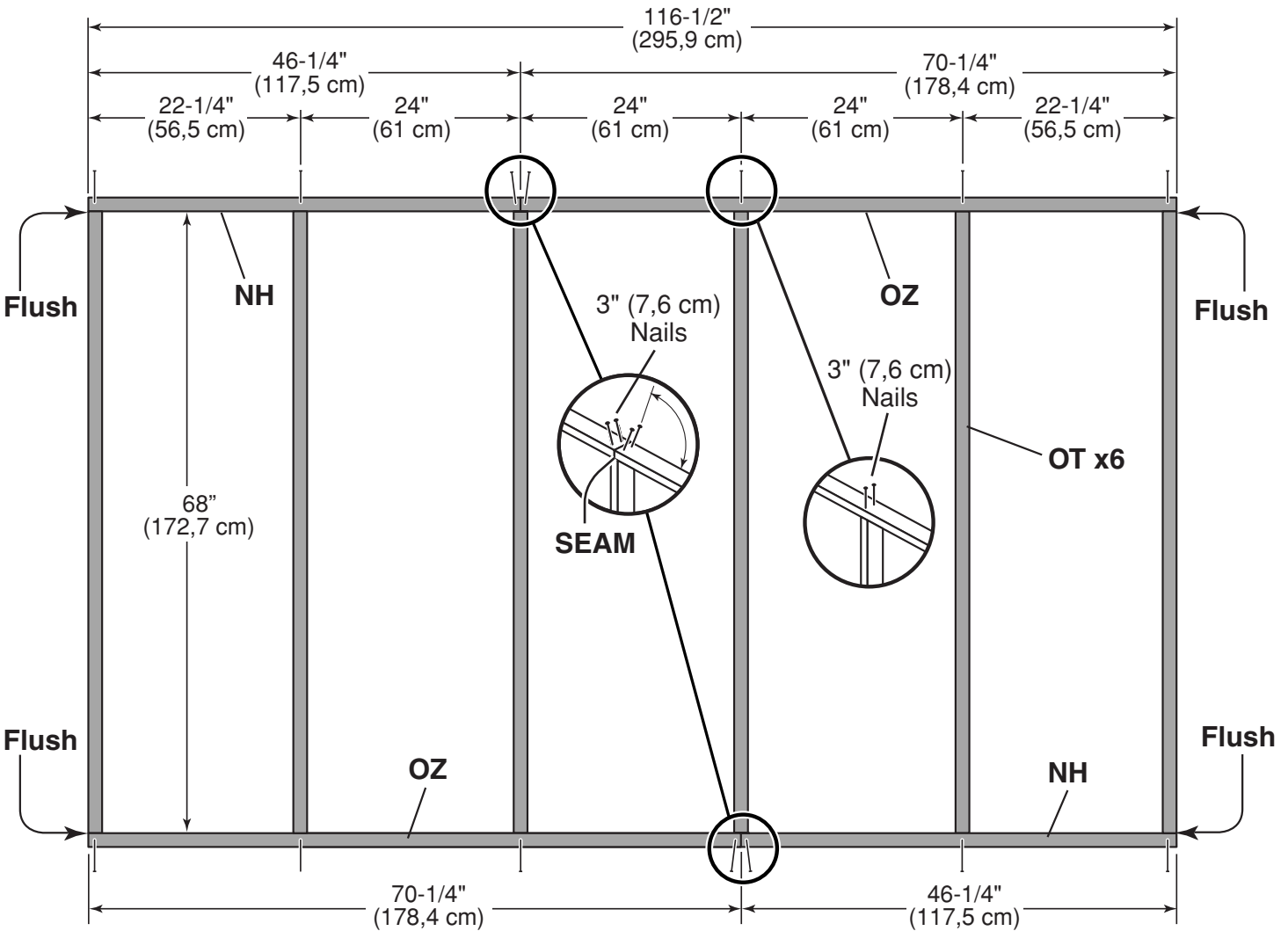
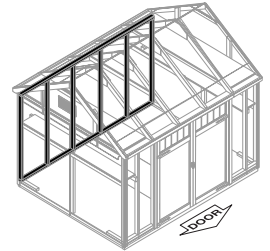
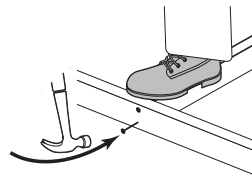
✓ **BEGIN**

**1** Orient parts on edge on floor as shown. Measure and mark.

**2** Attach **OT** at marks with two 3" (7,6 cm) nails, and four 3" (7,6 cm) nails angled at seams as shown.



**HINT:**  
For easier nailing  
stand on frame.

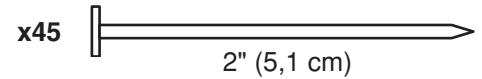


# BACK WALL

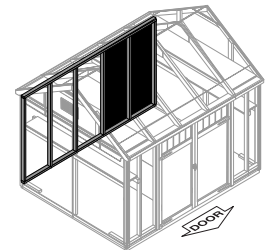
## PARTS REQUIRED:



3/8 x 46-1/8 x 72" (1 x 117,2 x 182,9 cm)



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



- Place the 46-1/8 x 72" (117,2 x 182,9 cm) panel onto wall frame with primed side up as shown. Use the gauge block to mark the 3/4" (1,9 cm) measurement on the wall stud.

Secure panel with two 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" (1,9 cm) measurement on the wall stud. Secure corner with two 2" (5,1 cm) nails (**Fig. B**).

- Nail the panel using 2" (5,1 cm) nails 6" (15,2 cm) apart on edges and 12" (30,5 cm) apart inside panel.

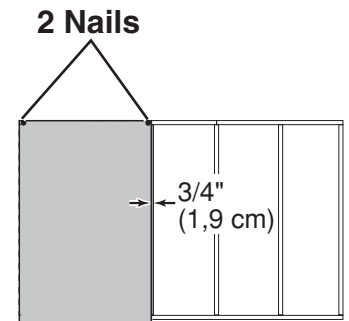
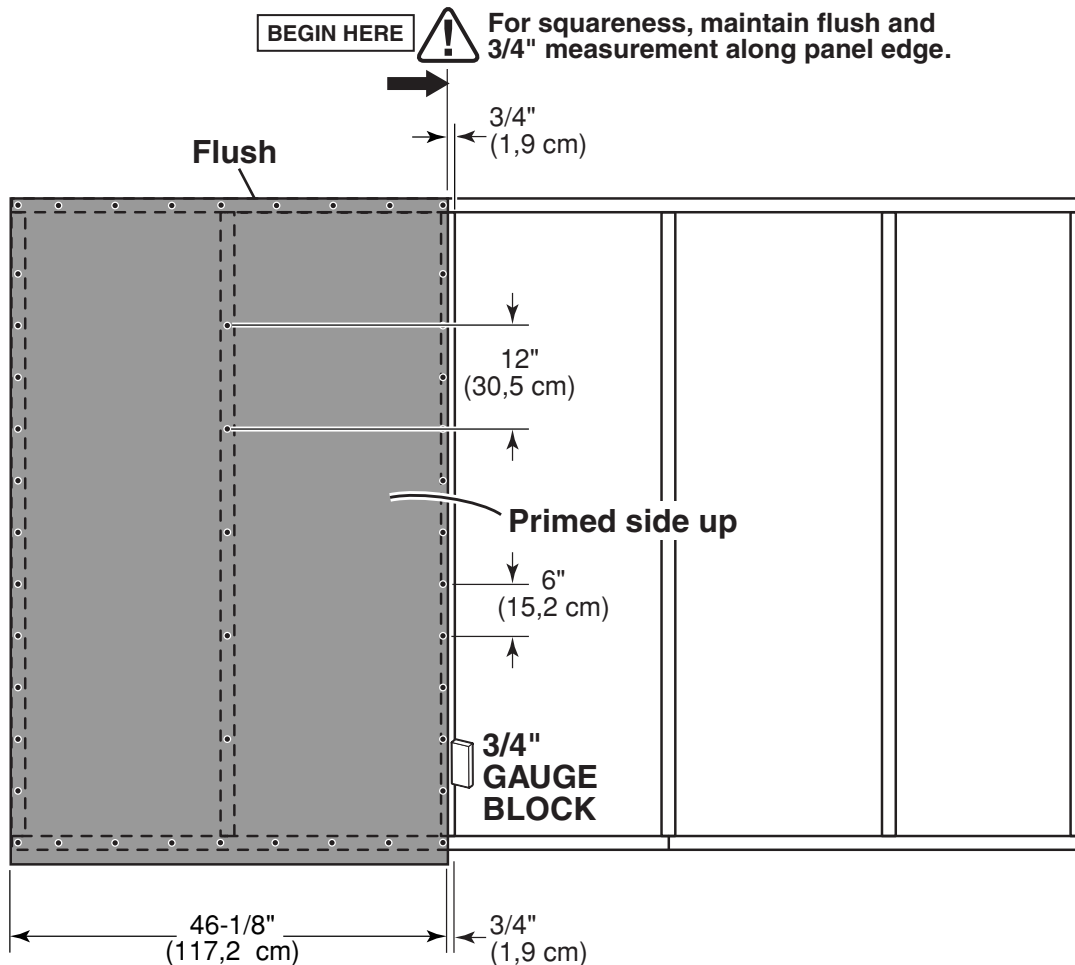


Fig. A

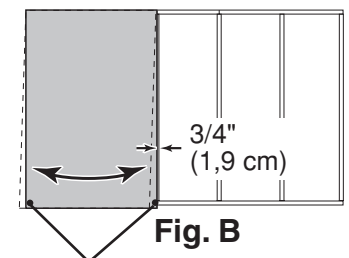
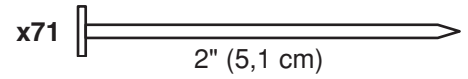
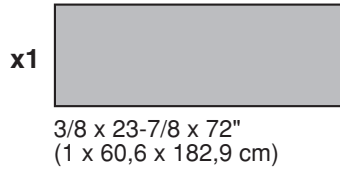
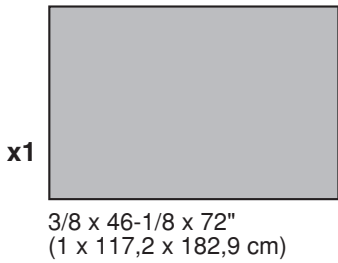


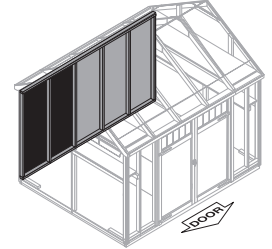
Fig. B

# BACK WALL

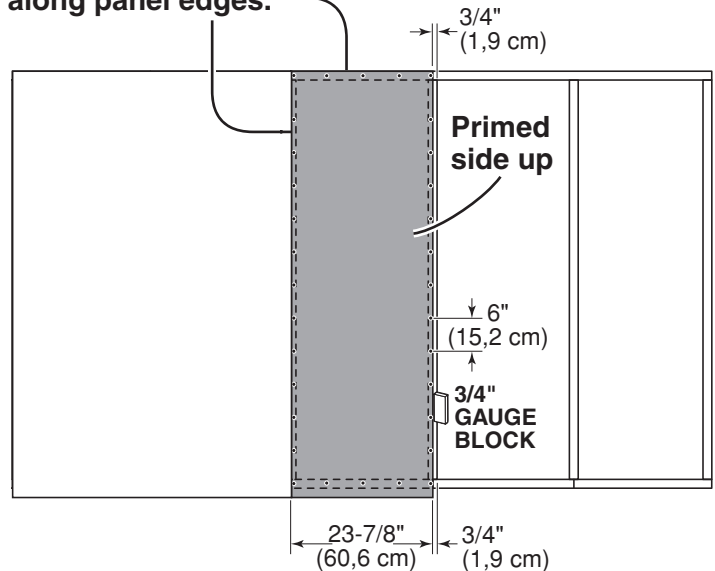
## PARTS REQUIRED:



- 6** Place 23-7/8" (60,6 cm) panel on frame as shown with primed side facing up.  
Nail using 2" (5,1 cm) nails 6" (15,2 cm) apart.

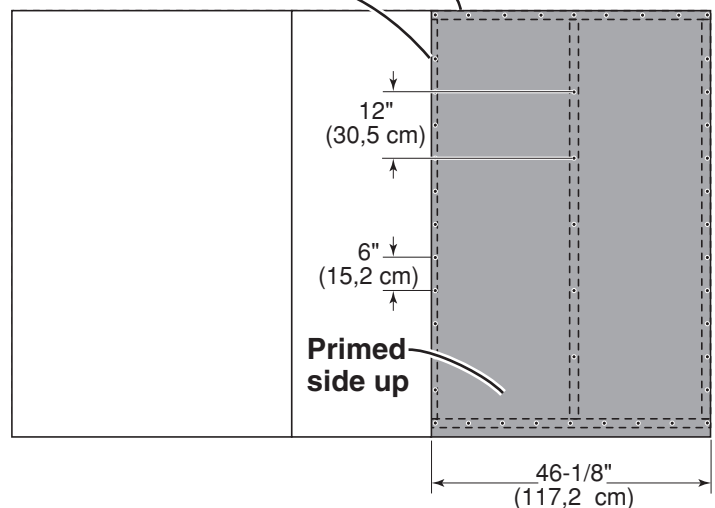


**!** For squareness maintain flush along panel edges.

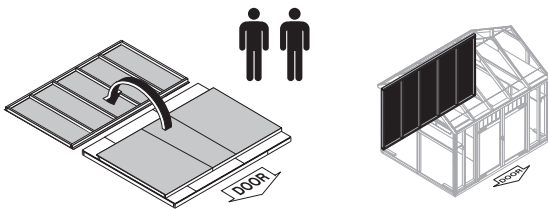


- 7** Place 46-1/8" (117,2 cm) panel on frame as shown with primed side facing up.  
Nail using 2" (5,1 cm) nails 6" (15,2 cm) apart on edges and 12" (30,5 cm) apart inside panel.

**!** For squareness maintain flush along panel edges.



- 8** Carefully flip your back wall over.



- 9** You have finished building your back wall.

# FRONT WALL FRAME

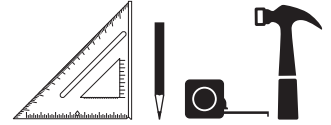
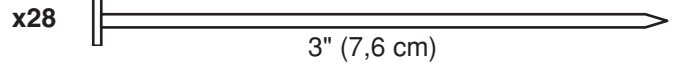
## PARTS REQUIRED:

x2 **DJ**  
2 x 3 x 10-1/4" (5,1 x 7,6 x 26 cm)

x2 **DG**  
2 x 3 x 26-1/4" (5,1 x 7,6 x 66,7 cm)

x6 **OT**  
2 x 3 x 68" (5,1 x 7,6 x 172,7 cm)

x1 **PT**  
2 x 3 x 96" (5,1 x 7,6 x 243,8 cm)



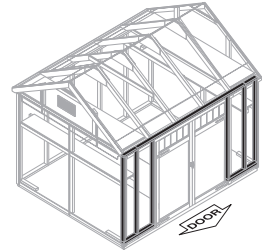
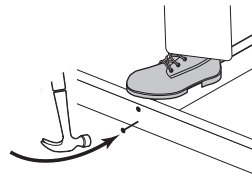
### ✓ BEGIN

**1** Orient parts on edge on floor as shown. Measure and mark.

**2** Attach **OT** at marks with two 3" (7,6 cm) nails, and four 3" (7,6 cm) nails angled at seams as shown.



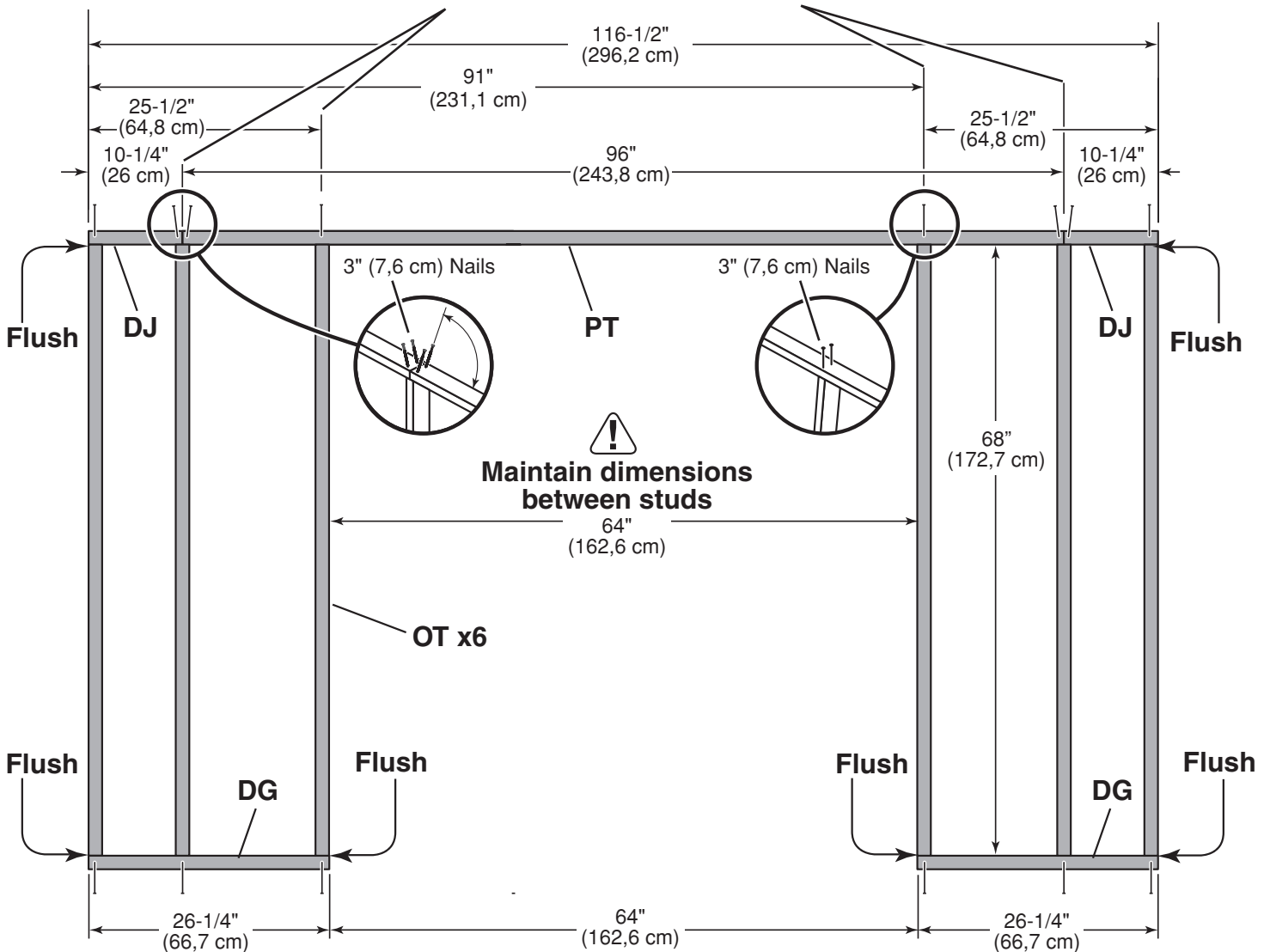
**HINT:**  
For easier nailing  
stand on frame.



### FINISH

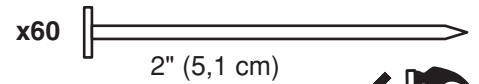
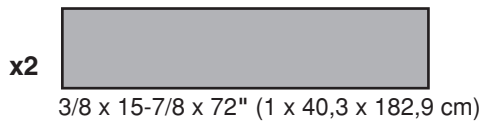
**3** You have finished building your front wall frame.

### Dimensions are to center of studs



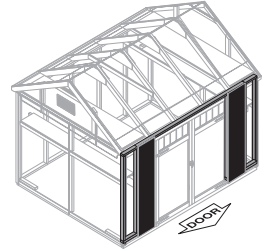
## FRONT WALL

### PARTS REQUIRED:



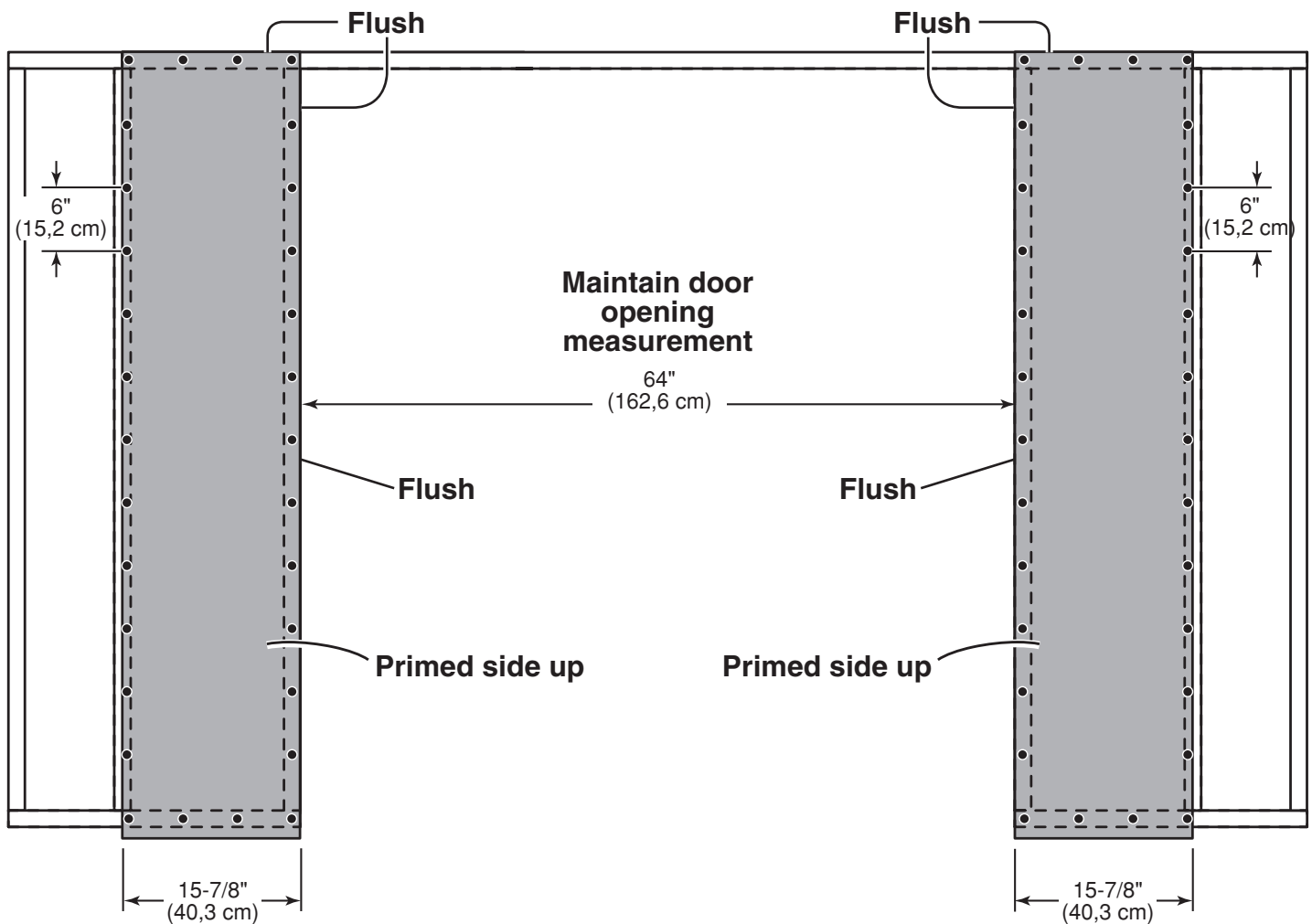
### ✓ BEGIN

- 1 Place the 3/8 x 15-7/8 x 72" (1 x 40,3 x 182,9 cm) panel onto wall frame as shown with primed side up.
- 2 Locate the panel flush on the top plate and stud.
- 3 Secure panels to frame with 2" (5,1 cm) nails 6" apart.



### FINISH

- 4 Proceed to attaching your wing panels.





## FRONT WALL

### PARTS REQUIRED:

x1 **OO**

2 x 3 x 69" (5 x 7,6 x 175,3 cm)

x2



3/8 x 10-1/4 x 72" (1 x 26 x 182,9 cm)

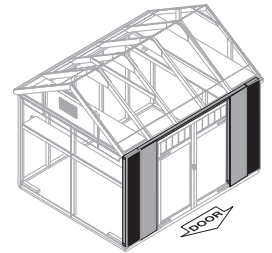
x2 3" (7,6 cm)

x58 2" (5,1 cm)



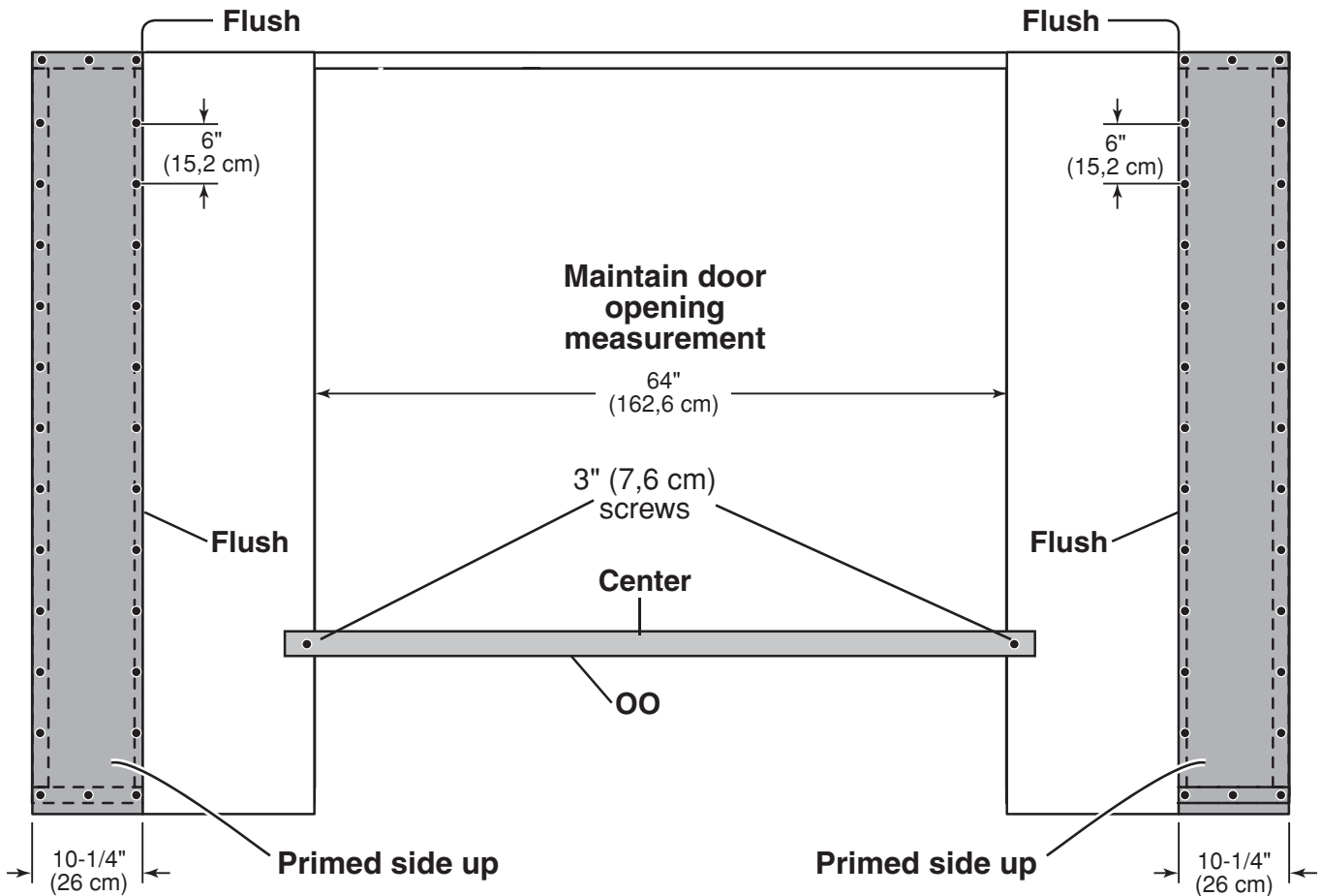
### ✓ BEGIN

- 1 Place wing wall panels onto frame with top of panels prime side UP as shown.
- 2 Secure left and right wing panel as shown using 2" (5,1 cm) nails 6" (15,2 cm) apart.
- 3 Use **OO** as a temporary support as shown until wall is installed. Secure with two 3" (6,6 cm) screws.




### FINISH

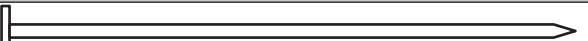



- 4 Proceed to standing your back wall.

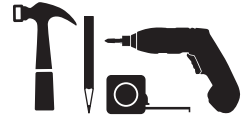


# BACK WALL INSTALLATION

## PARTS REQUIRED:

x1  2 x 3 x 69" (5,1 x 7,6 x 175,3 cm) Temporary Support

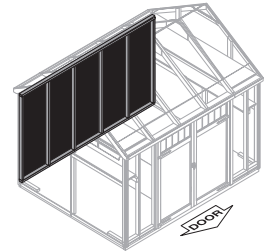
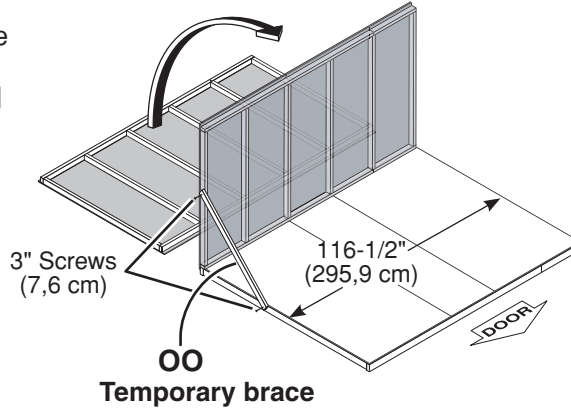
x10  2" (5,1 cm)  
 x2  3" (7,6 cm)  
 x21  3" (7,6 cm)  
 x21  2" (5,1 cm)



### ✓ BEGIN

**1** Center back wall assembly on the 116-1/2" (295,9 cm) floor dimension.

**2** Use **OO** as a temporary brace. Secure with two 3" (7,6 cm) screws.



**3** First, nail lower edge of panel to floor frame using 2" (5,1 cm) nails 6" (15,2 cm) apart.

Angle nail to hit floor frame (**Fig. A**).

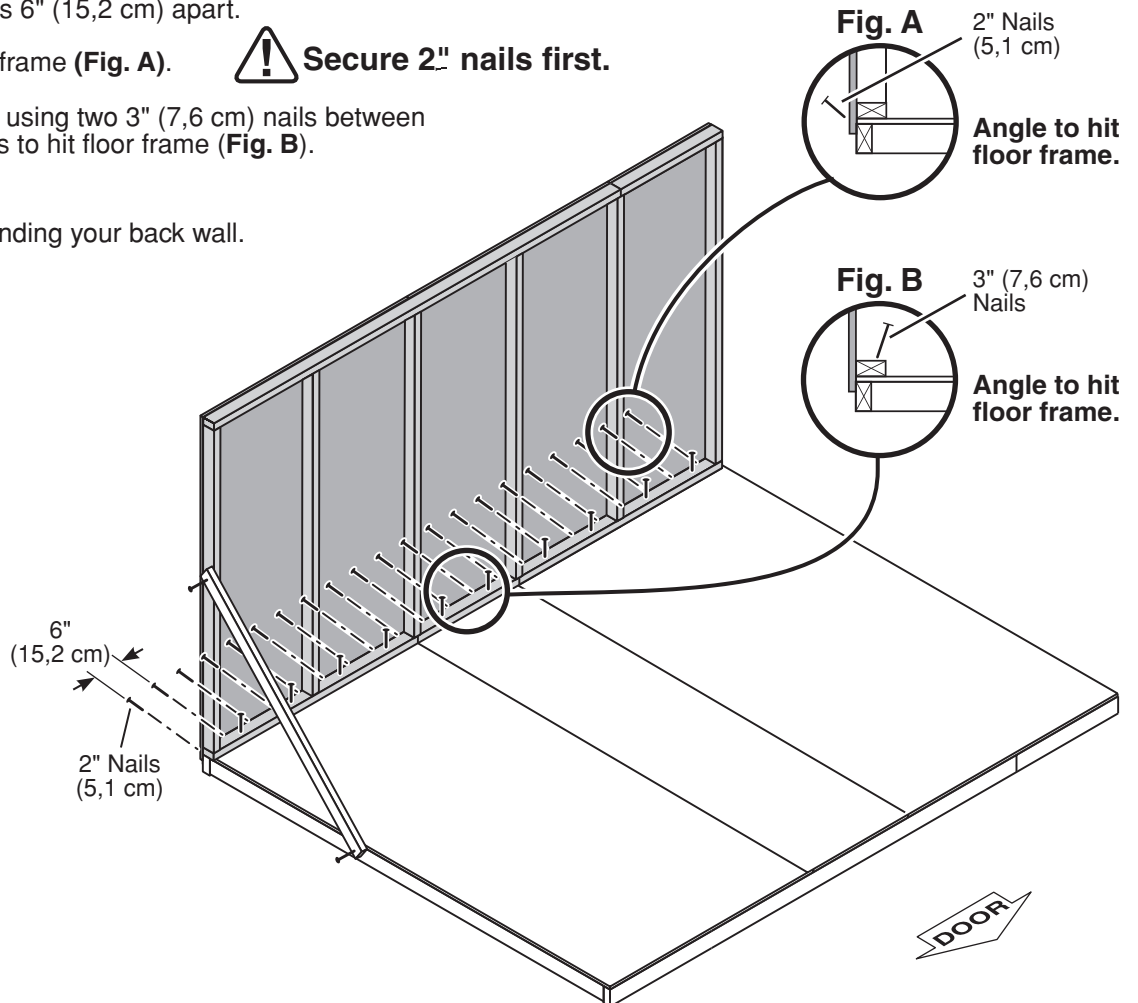
**! Secure 2" nails first.**

**4** Secure frame to floor using two 3" (7,6 cm) nails between wall studs. Angle nails to hit floor frame (**Fig. B**).



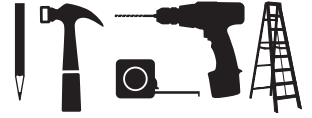
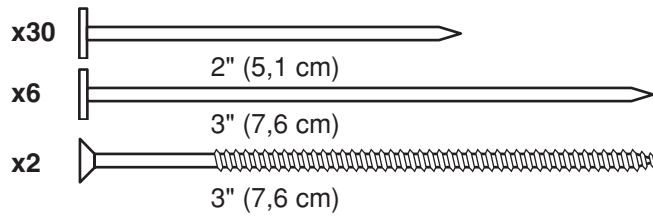
### FINISH

**5** You have finished standing your back wall.



## SIDE WALL INSTALLATION

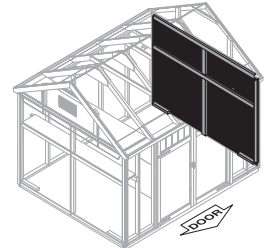
### PARTS REQUIRED:



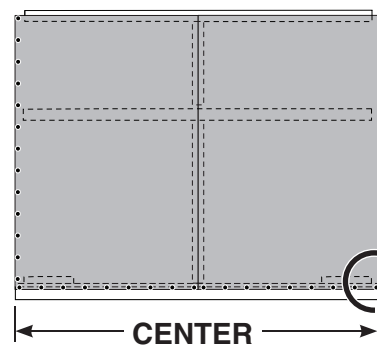
 It is important to secure the side wall in the following order.

 **BEGIN**

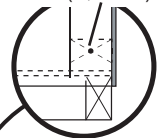
Stand right side wall assembly on Floor.



- Center right side wall on floor, side-to-side. Secure the lower side wall corner to the back wall stud with one 2" (5,1 cm) nail (**Fig. A**).



2" (5,1 cm) Nail

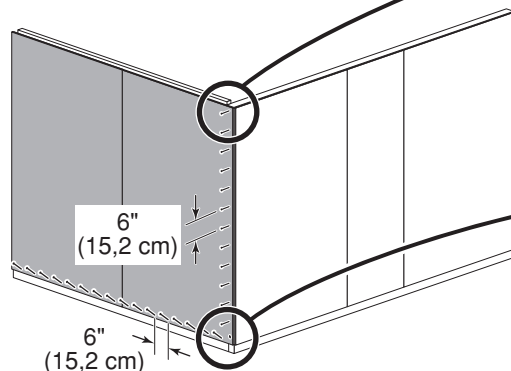


**Fig. A**

- Be sure the measurement between the panel edges are the same along the entire length. Then secure with one 2" (5,1 cm) nail in the upper corner (**Fig. B**).

Nail along the panel edge through the panel into the frame using 2" (5,1 cm) nails spaced 6" apart.

Nail along bottom of panel using 2" (5,1 cm) nails 6" apart. Angle nail to hit floor frame (**Fig. C**).



2" (5,1 cm) Nail



**Fig. B**

Same Measurement

2" (5,1 cm) Nail

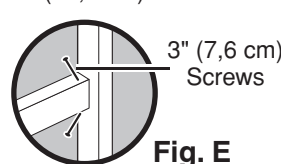


**Fig. C**

- Secure the center stud using two 3" (7,6 cm) screws at an angle as shown (**Fig. D**).

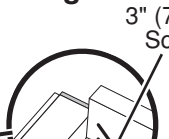
Secure each side wall horizontal 2 x 3" into back wall frame using two 3" (7,6 cm) screws at an angle at each connection as shown (**Fig. E**).

Secure both cleats using three 3" (7,6 cm) nails into floor (**Fig. F**).



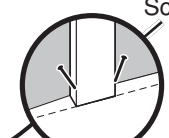
**Fig. D**

3" (7,6 cm) Screws



**Fig. E**

3" (7,6 cm) Screws



**Fig. F**

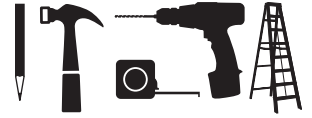
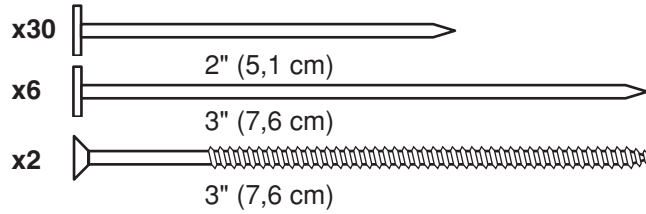
3" (7,6 cm) Nails

 **FINISH**

- You have finished standing your right wall. Proceed to stand the left wall.

## SIDE WALL INSTALLATION

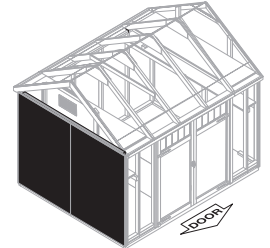
### PARTS REQUIRED:



 It is important to secure the side wall in the following order.

 **BEGIN**

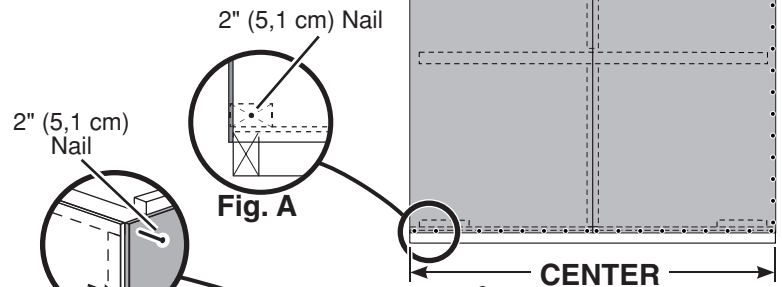
Stand left side wall assembly on Floor.



#### 1 Remove temporary brace.

Center left side wall on floor, side-to-side.

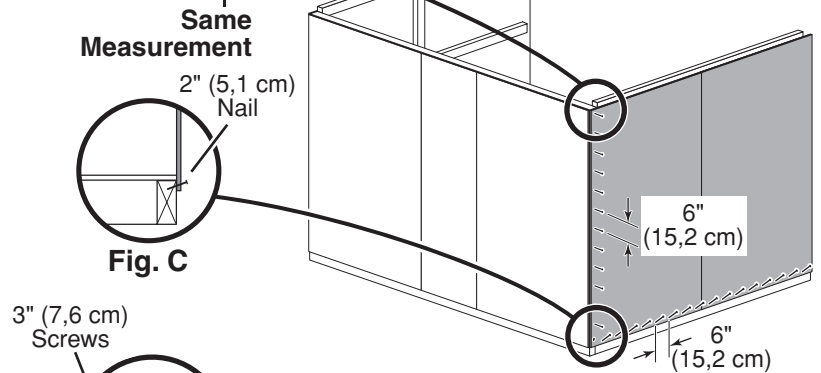
Secure the lower side wall corner to the back wall stud with one 2" (5,1 cm) nail (**Fig. A**).



#### 2 Be sure the measurement between the panel edges are the same along the entire length. Then secure with one 2" (5,1 cm) nail in the upper corner (**Fig. B**).

Nail along the panel edge through the panel into the frame using 2" (5,1 cm) nails spaced 6" apart.

Nail along bottom of panel using 2" (5,1 cm) nails 6" apart. Angle nail to hit floor frame (**Fig. C**).



#### 3 Secure the center stud using two 3" (7,6 cm) screws at an angle as shown (**Fig. D**).

Secure each side wall horizontal 2 x 3" into back wall frame using two 3" (7,6 cm) screws at an angle at each connection as shown (**Fig. E**).

Secure both cleats using three 3" (7,6 cm) nails into floor (**Fig. F**).

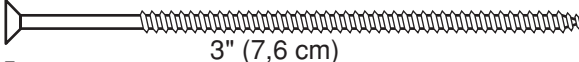
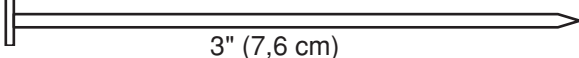
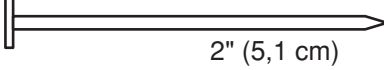


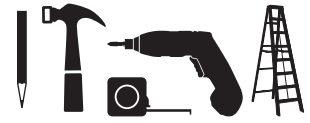
**FINISH**

#### 4 You have finished standing your left wall. Proceed to stand the front wall.


# FRONT WALL INSTALLATION


## PARTS REQUIRED:

- x10  3" (7,6 cm)
- x8  3" (7,6 cm)
- x44  2" (5,1 cm)



### ✓ BEGIN

Stand front wall on floor. 

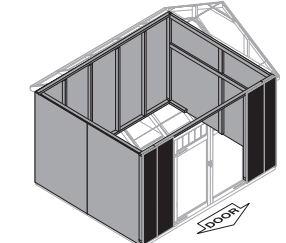
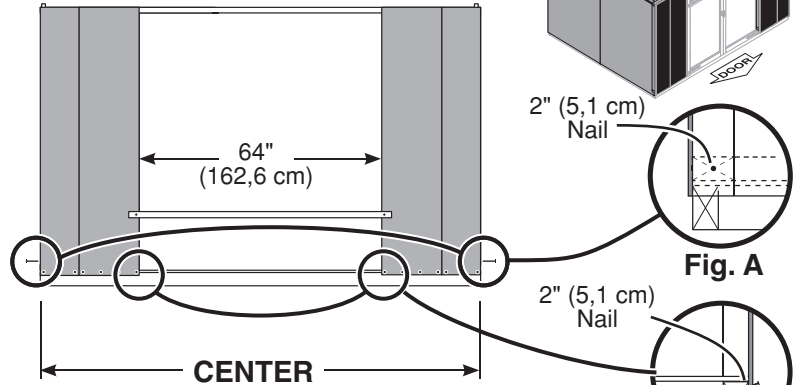
 It is important to secure the front wall in the following order.

#### 1 Center front wall on floor side-to-side.

Check the 64" (162,6 cm) door opening is held before nailing.

Secure lower front wall corners to side wall frames with one 2" (5,1 cm) nail (**Fig. A**).

Nail the front wall flush to the floor using 2" (5,1 cm) nails 6" (15,2 cm) apart. Angle nails to hit floor frame (**Fig. B**).



**Fig. A**

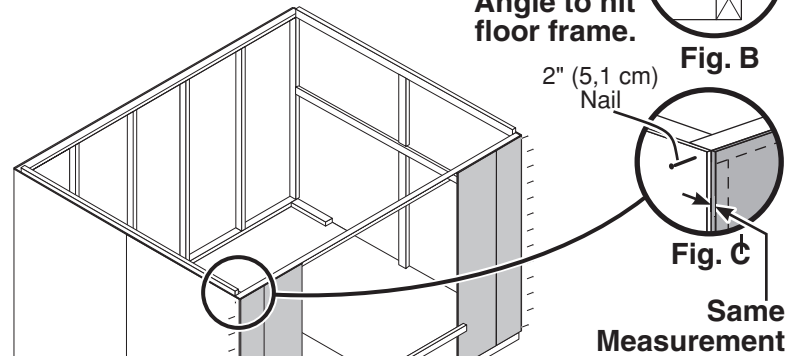
**Angle to hit floor frame.**

**Fig. B**

#### 2 Be sure the measurement between the panel edges are the same along the entire length. Then secure with one 2" (5,1 cm) nail in the side wall upper corner (**Fig. C**).

Nail along the side wall panel edge through the panel into the frame using 2" (5,1 cm) nails spaced 6" (15,2 cm) apart.

Repeat process to secure other side of the front wall.



**Fig. C**

**Same Measurement**

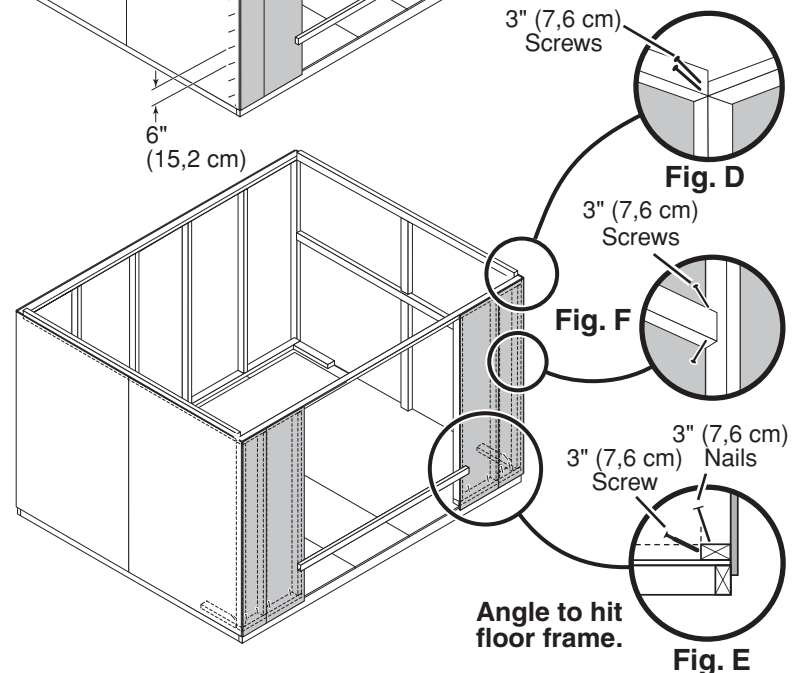
#### 3 Secure the side wall frame into the front top plate at each corner using two 3" (7,6 cm) screws at an angle as shown (**Fig. D**).

Secure bottom plate to floor using two 3" (7,6 cm) nails between each stud as shown (**Fig. E**).

Secure side wall cleats to front wall bottom plates using a 3" (7,6 cm) screw at an angle as shown (**Fig. F**).

Secure the side wall center horizontal support using two 3" (7,6 cm) screws into front wall frame at an angle as shown (**Fig. F**).

Remove temporary support **OO** after wall is installed.



**Fig. D**

**Fig. E**

**Fig. F**

**Fig. E**

**Angle to hit floor frame.**

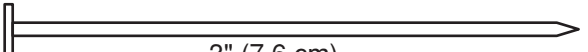
### FINISH

#### 4 You have finished standing your front wall.

# WALL DOUBLERS

## PARTS REQUIRED:

x2 **CR** 2 x 6 x 21-1/4"  
(5,1 x 15,2 x 54 cm)

x28  3" (7,6 cm)

x2 **VX** 2 x 6 x 96"  
(5,1 x 15,2 x 243,8 cm)



### ✓ BEGIN

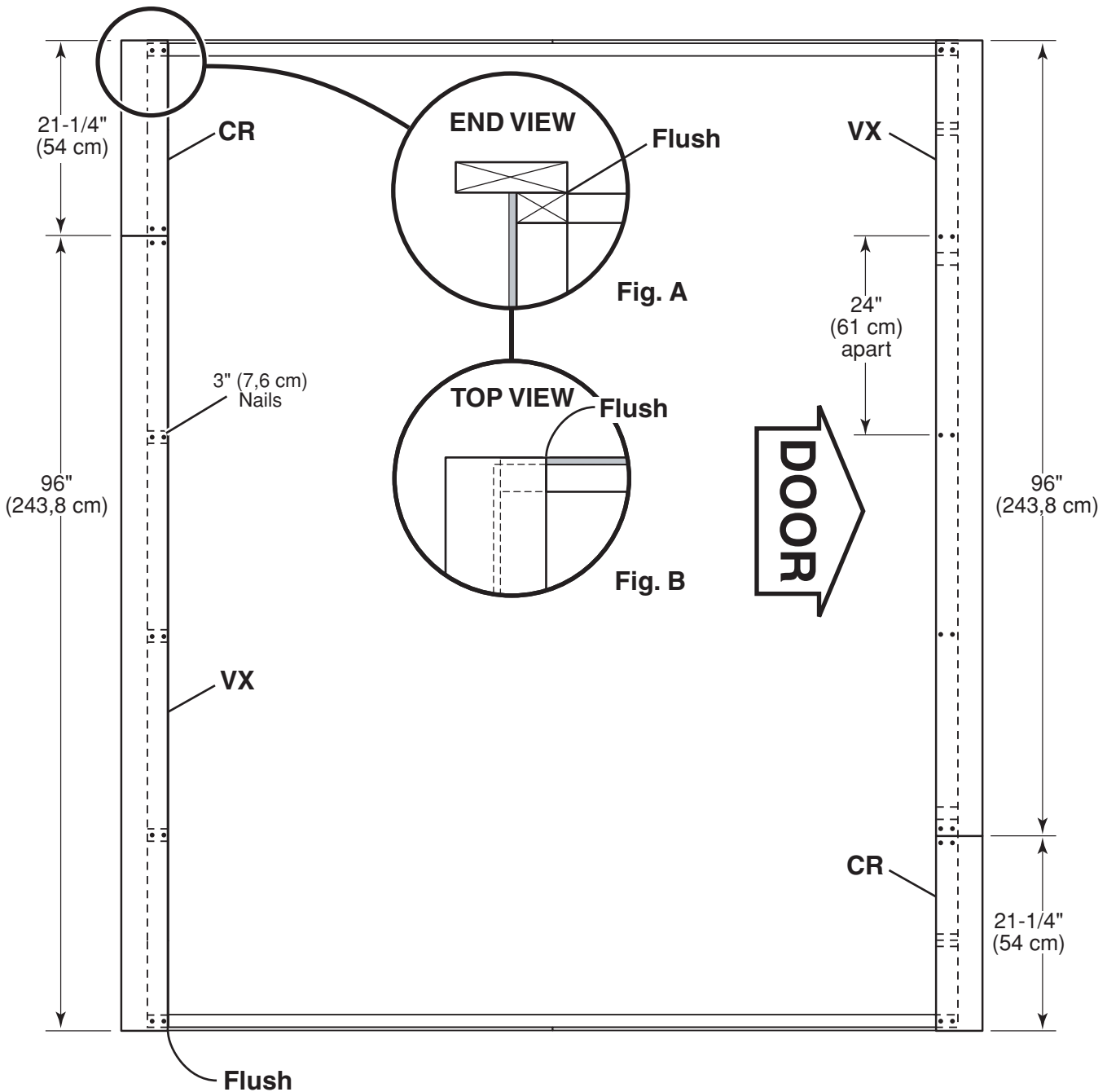
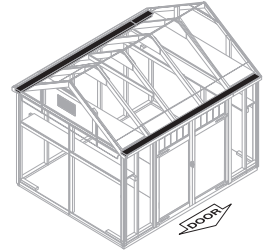
**1** Place parts flush to inside of front and back top plates (**Fig. A**) and flush to wall panels (**Fig. B**) as shown.



### FINISH

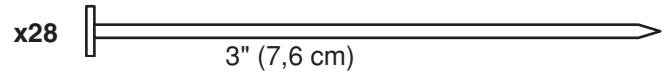
**2** You have finished installing your wall doublers.

Secure using two 3" (7,6 cm) nails 24" (61 cm) apart and at seams as shown.



# LOFT

## PARTS REQUIRED:



x4 **LR**  
2 x 3 x 19" (5,1 x 7,6 x 48,3 cm)

x2 **PS**  
2 x 3 x 91" (5,1 x 7,6 x 231,1 cm)

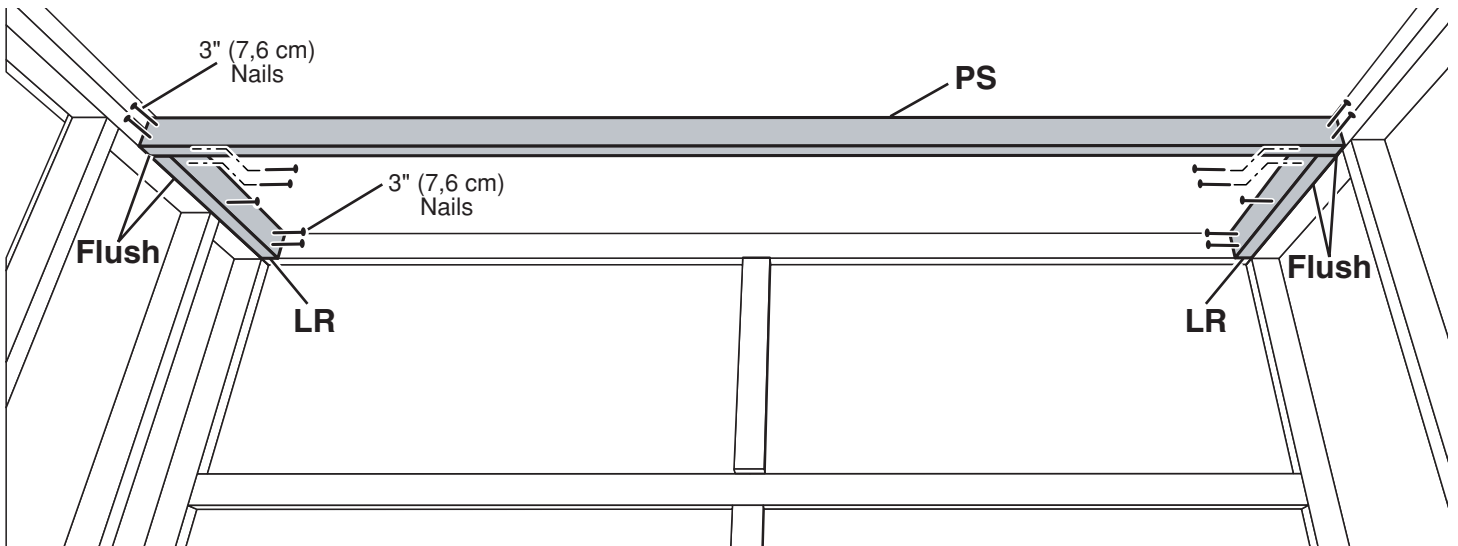
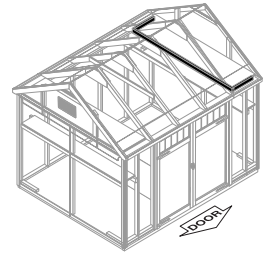


### ✓ BEGIN

**1** You will build two Lofts.

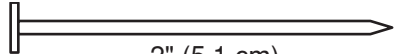
Place **LR** flush to bottom of top plates at front and back corners as shown. Secure using 3" (7,6 cm) nails.

**2** Place **PS** flush at ends of **LR**. Secure using 3" (7,6 cm) nails as shown).



# LOFT

## PARTS REQUIRED:

x48  2" (5,1 cm)

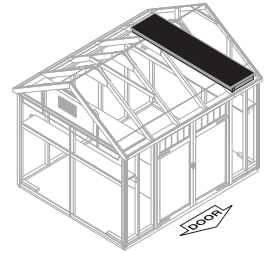
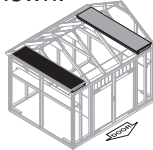


7/16 x 23-7/8 x 91" (1,1 x 31,4 x 231,1 cm)



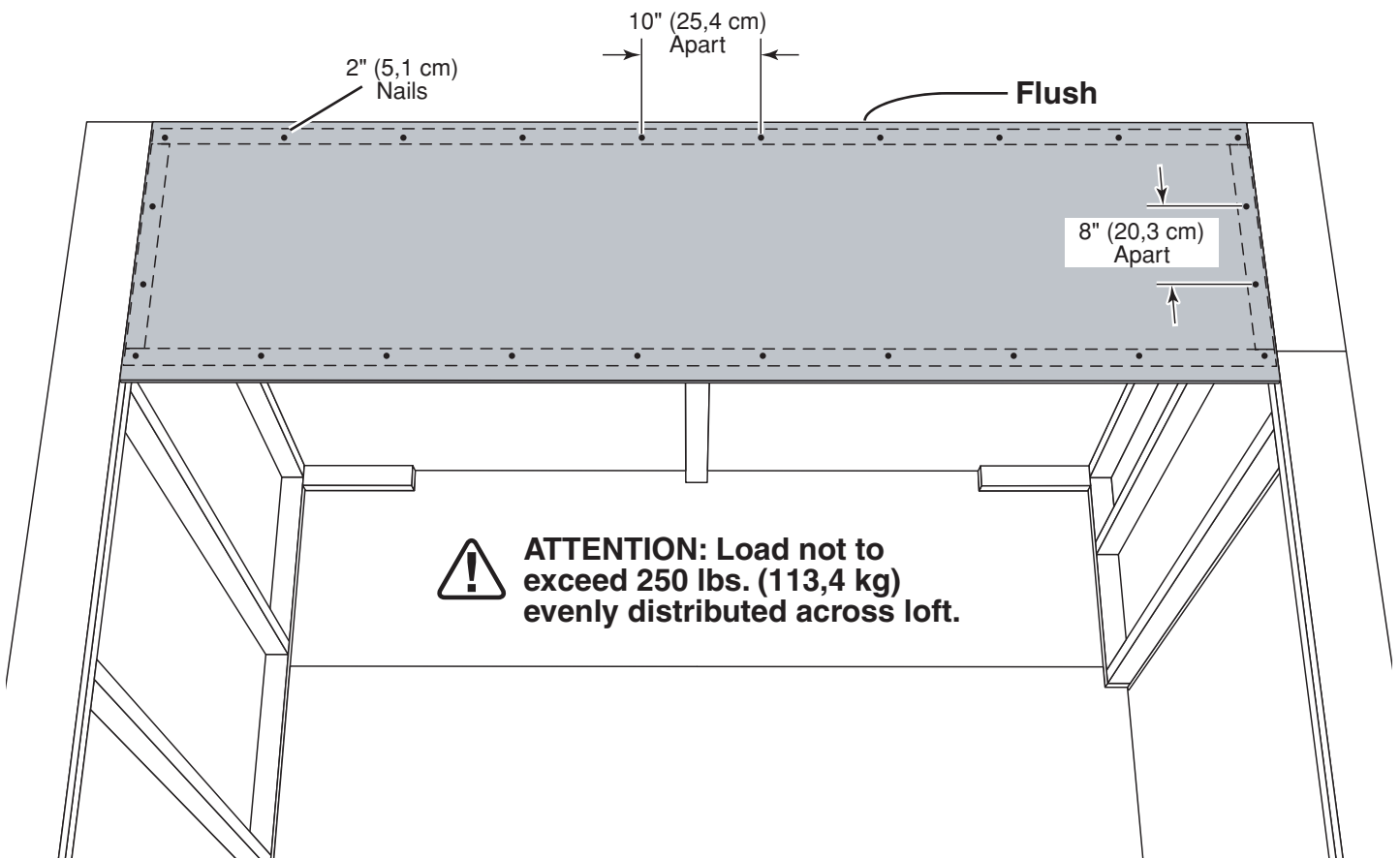
**3** Place loft panel flush to outside of side panels between doublers. Secure using 2" (5,1 cm) nails spaced apart as shown.

**4** Repeat **STEPS 1-3** at other end.




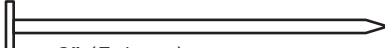
**FINISH**


**5** You have finished installing your Lofts.

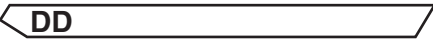






# RAFTERS

**PARTS REQUIRED:** x2  x96   
 3" (7,6 cm)

x8  6 x 24" (15,2 x 61 cm) Gusset

x8  **DD** 2 x 4 x 57-3/4" (5,1 x 10,2 x 146,7 cm)

x1  **DE** 2 x 3 x 15-7/8" (5,1 x 7,6 x 40,3 cm)



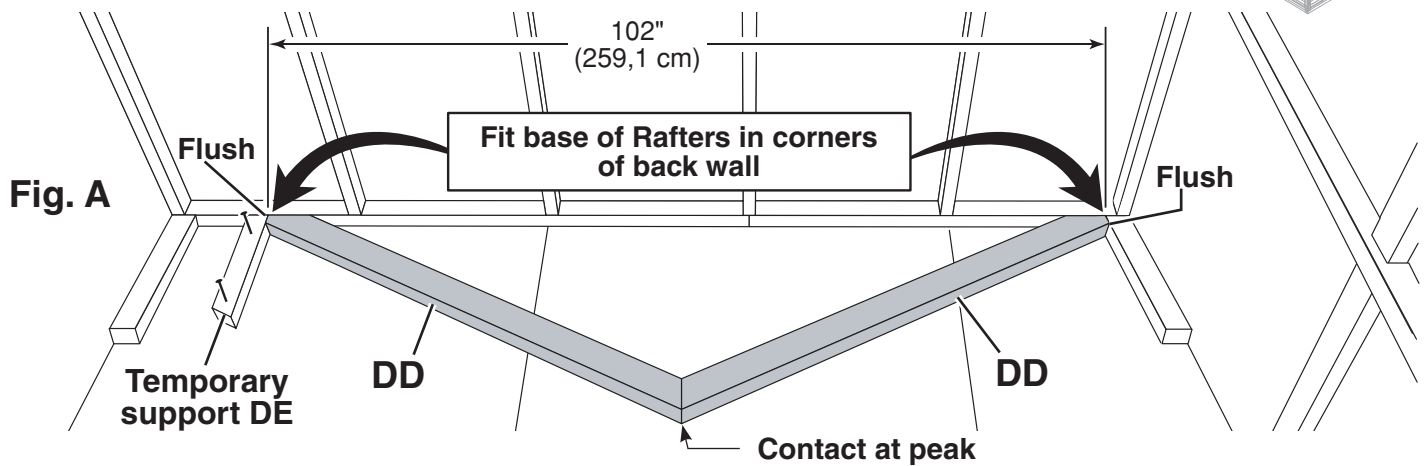
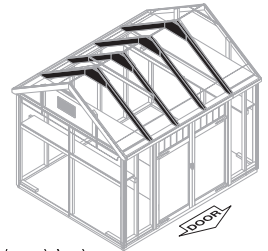
**BEGIN**

- 1 Position and square **DE** as temporary jig using 3" (7,6 cm) screws as shown.
- 2 You will build **FOUR** assemblies.

Place two rafter halves (**DD**) in the corner of back and side wall and **DE**. Rafters contact at peak.



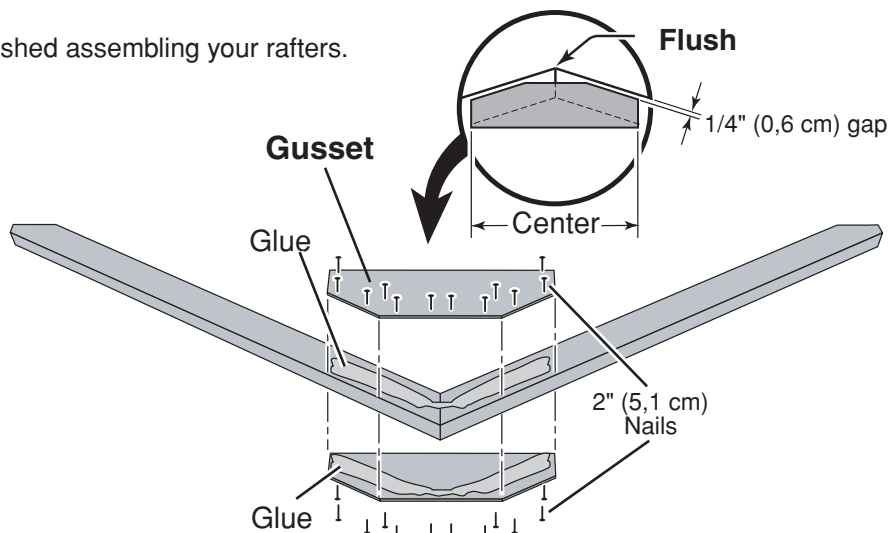
**HINT:**  
Use floor and walls to help assemble rafters!



- 3 Apply glue to rafters where gusset will fit.
- 4 Secure gusset to rafters using 2" (5,1 cm) Nails as shown.
- 5 Flip over rafter assembly and repeat **STEPS 2-4** to attach second gusset to other side.
- 6 Repeat **STEPS 2-5** to build three additional rafter assemblies. Remove **DE**.

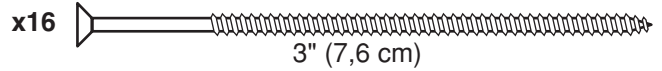
**FINISH**

- 7 You have finished assembling your rafters.



# RAFTER INSTALLATION

## PARTS REQUIRED:



### ✓ BEGIN

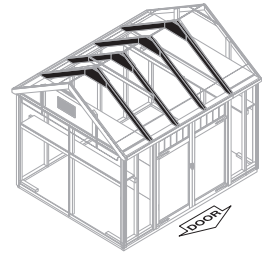
**1** Mark top of wall frames to measurement shown.

Locate rafters centered on marks as shown.

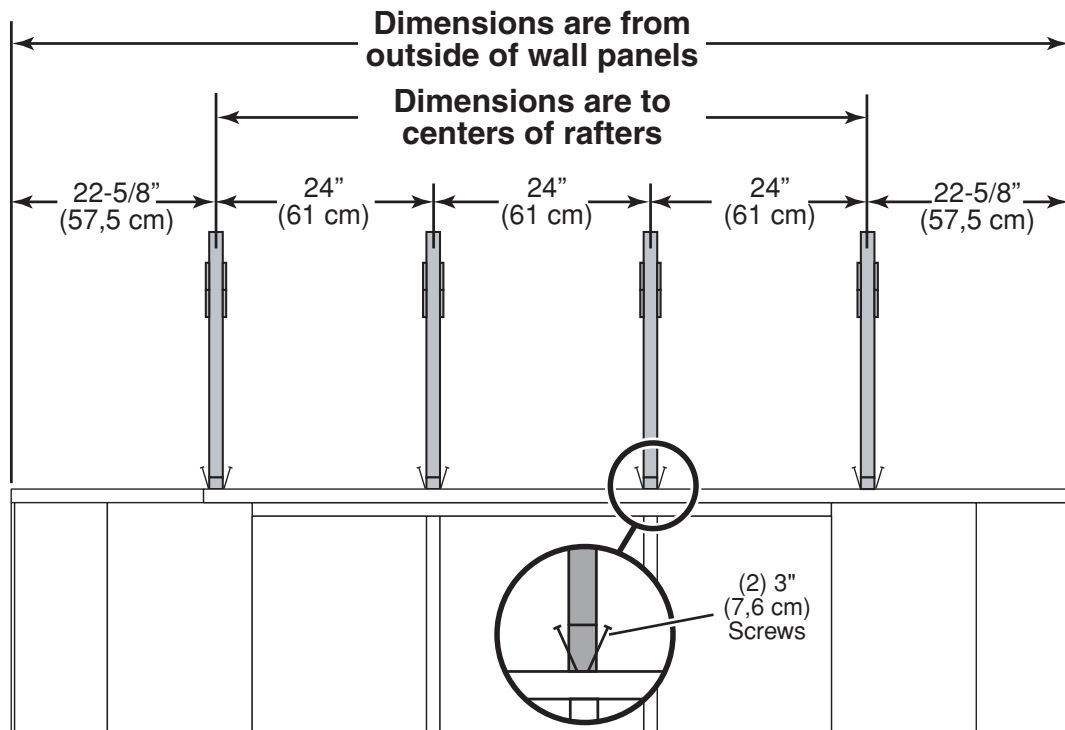
**2** Secure all rafters in position using two 3" (7,6 cm) screws at each connection (**Fig. A**).

### FINISH

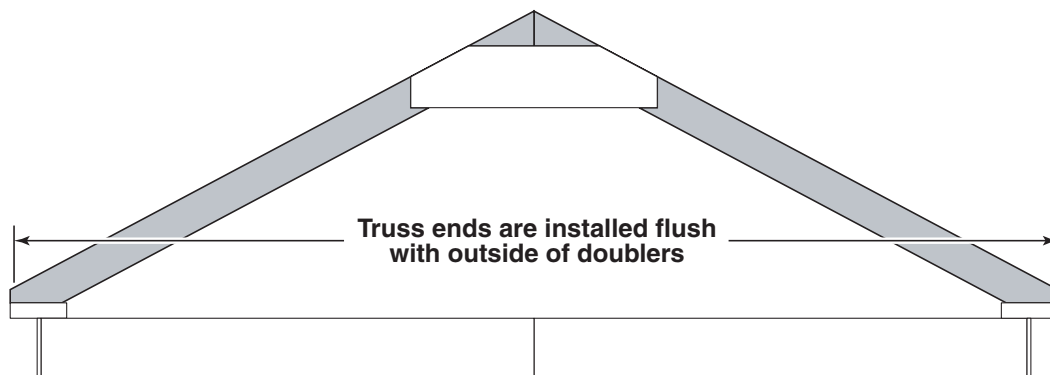
**3** You have finished installing your rafters.



## FRONT VIEW

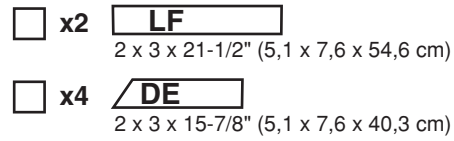
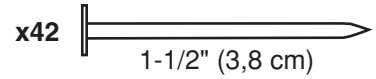
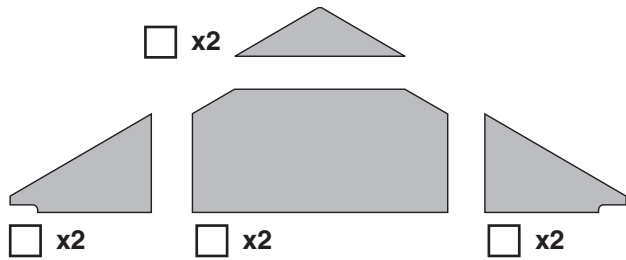


## END VIEW



# GABLES

## PARTS REQUIRED:

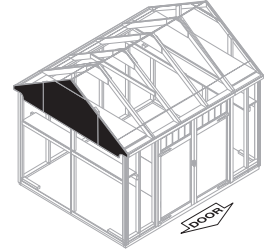


### ✓ BEGIN

**1** You will assemble two gables. Orient parts flat on floor primed side up as shown.  
Secure center gable panel to two **DE** and **LF** using 1-1/2" (3,8 cm) nails as shown.

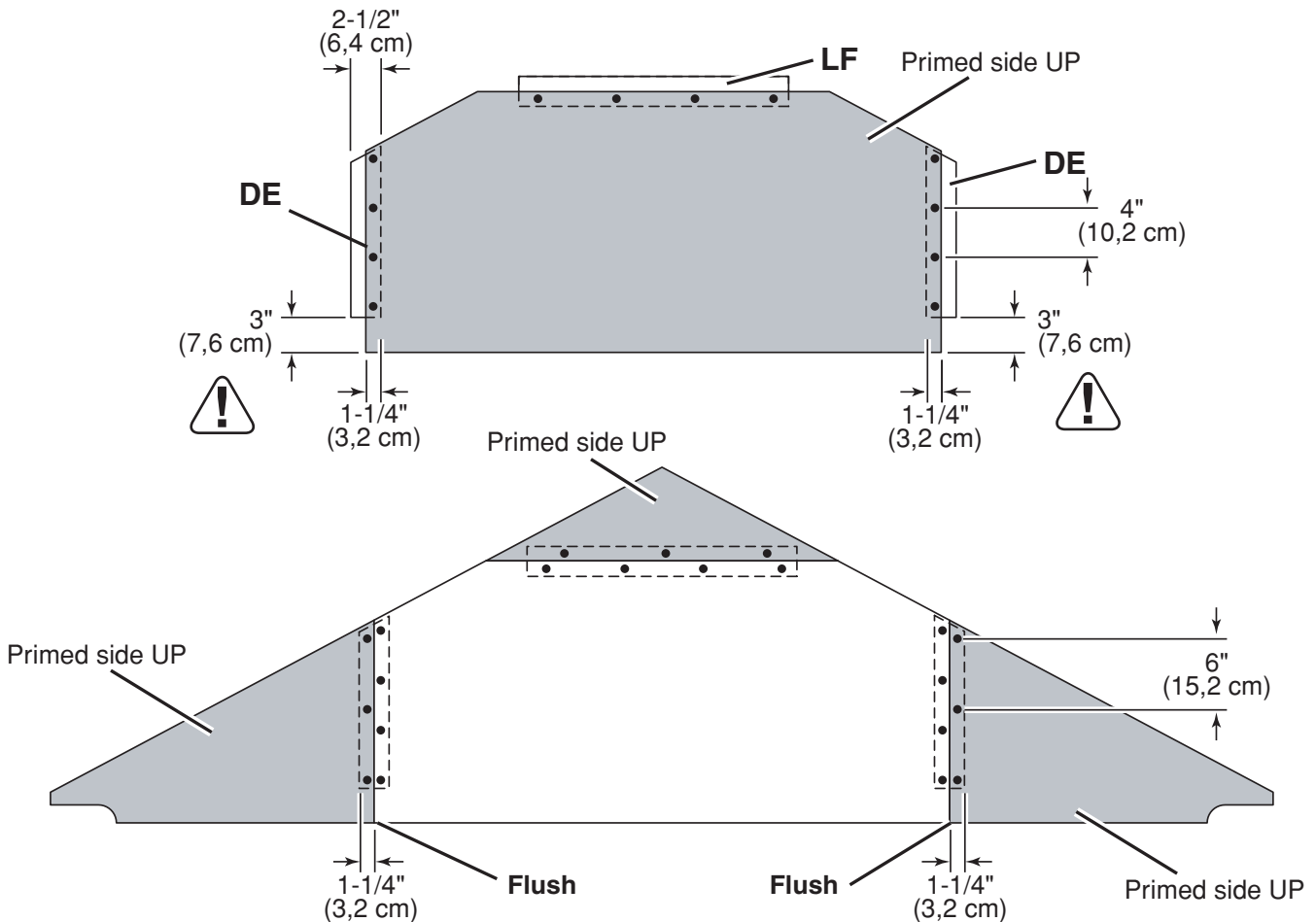
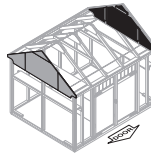
**2** Align left and right gable panels flush to center gable panel and secure using 1-1/2" (3,8 cm) nails as shown.

**3** Align top gable panel centered on middle gable panel and secure using 1-1/2" (3,8 cm) nails as shown.




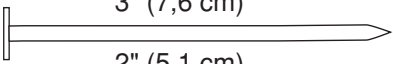
**FINISH** Repeat **Steps 1 - 3** to build second gable.

**4** You have finished making your gables.



# GABLE INSTALLATION

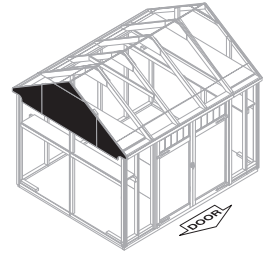
## PARTS REQUIRED:

- x8  3" (7,6 cm)
- x42  2" (5,1 cm)



### ✓ BEGIN

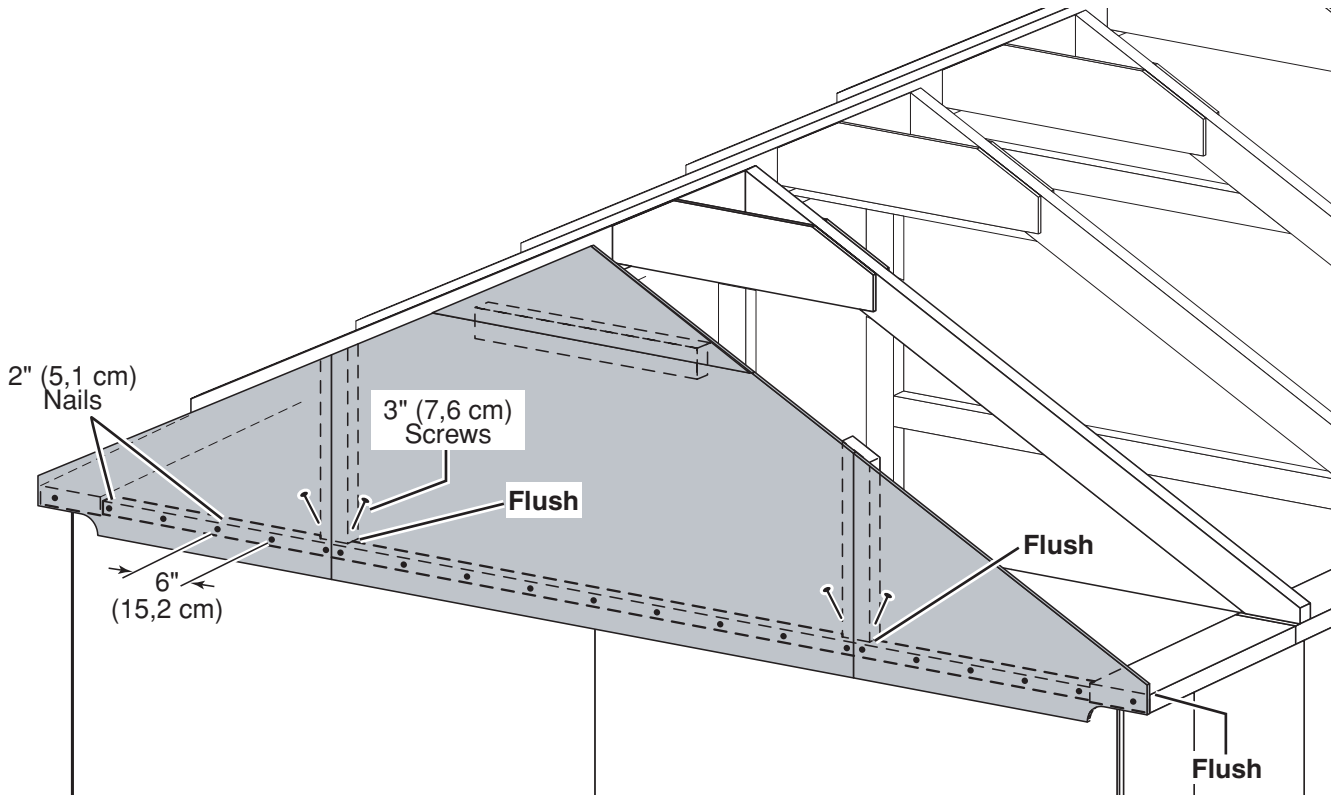
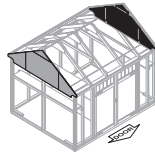
- 1** Center gable assembly on side wall. **DE** is flush to top of frame.  
Secure panel to top plate using 2" (5,1 cm) nails 6" (15,2 cm) apart.
- 2** Secure **DE** to top plate using 3" (7,6 cm) screws at an angle as shown.



 Repeat **STEPS 1-2** at opposite side.

### FINISH

- 3** You have finished attaching your gable panel assemblies.



# GABLE TRIM INSTALLATION

## PARTS REQUIRED:

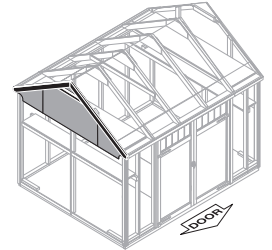
x4 **CN**  
2 x 4 x 59-1/4" (5,1 x 10,2 x 150,5 cm)

x36  
1-1/4" (3,2 cm)



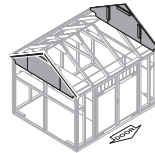
✓ **BEGIN**

**1** Install front gable trim **CN** flush to top of panel and flush at peak (**Fig. A**) as shown.



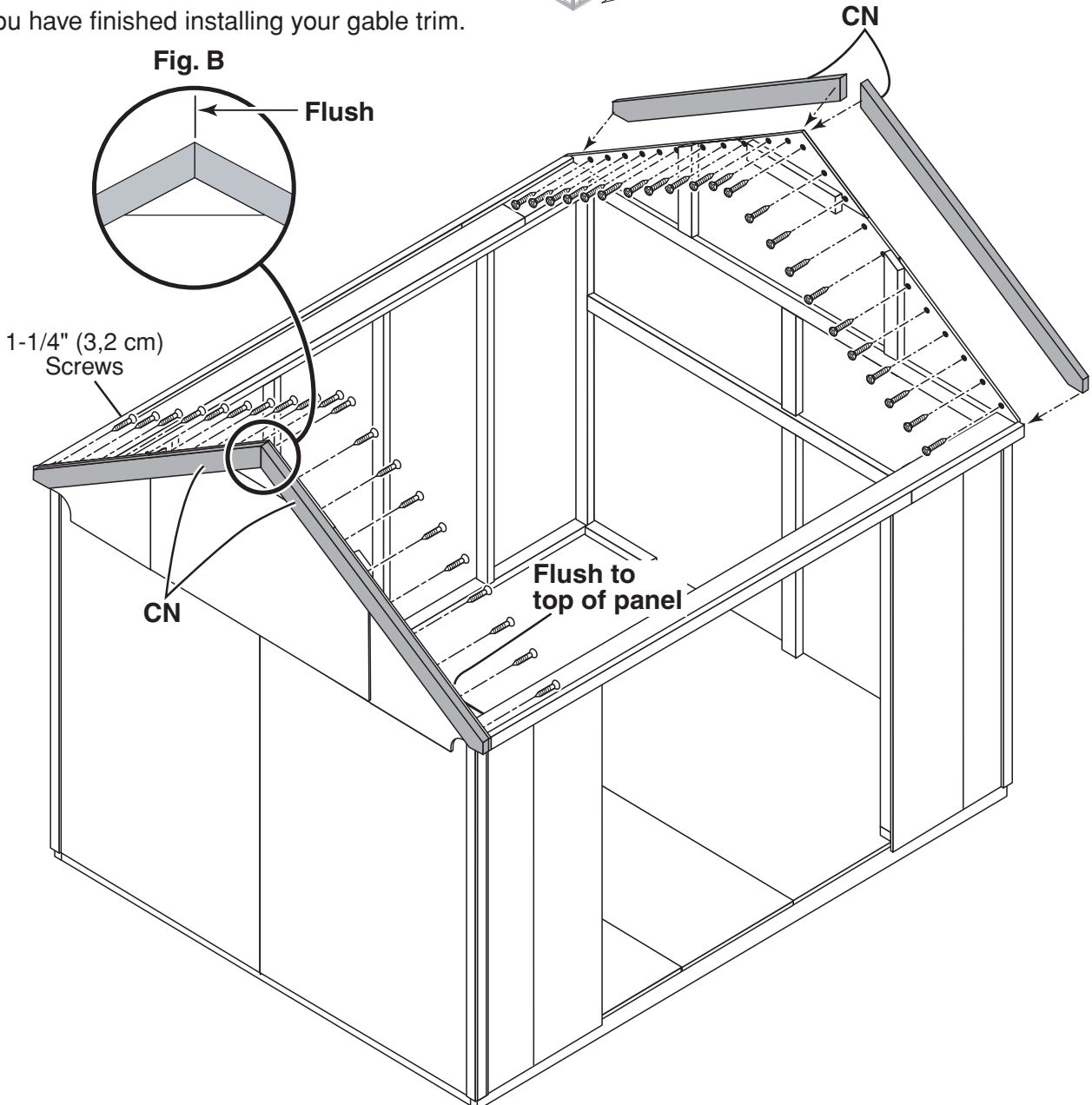
**2** Secure to wall using 1-1/4" screws 7-1/4" apart. Screw through panels into **CN** (**Fig A**).

**3** Repeat above steps to secure the back wall gable trim.




FINISH


**4** You have finished installing your gable trim.

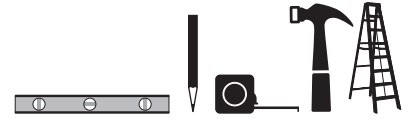


# UPPER GABLE INSTALLATION

## PARTS REQUIRED:

x6  2" (5,1 cm)

x2  **CP**  
1 x 3 x 22-5/8" (2.5 x 7,6 x 57,5 cm)



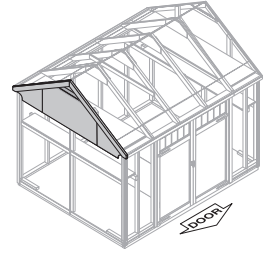
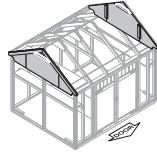
### ✓ BEGIN

**1** Place **CP** flush and level to trim over seam in panels from outside. (Fig A).



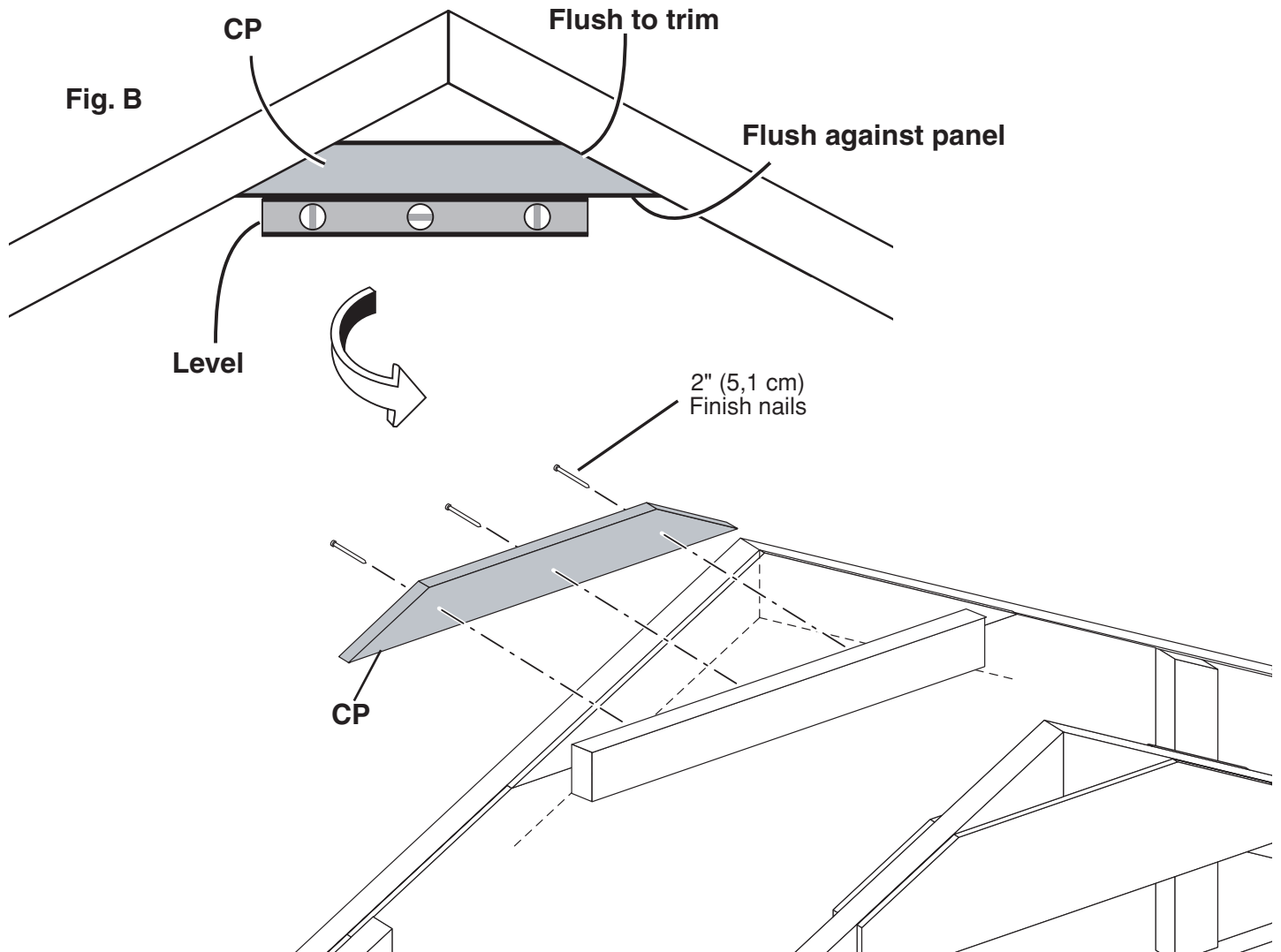
Secure using 2" (5,1 cm) finish nails as shown (Fig B).

**2** Repeat on opposite side.



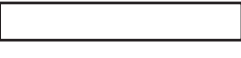



### FINISH

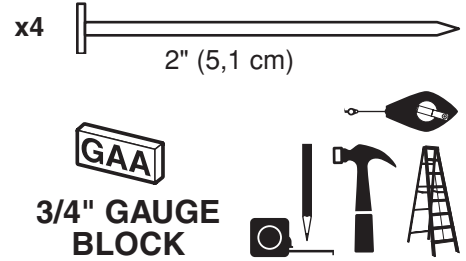
**3** You have finished installing your gables.



# ROOF PANELS

## PARTS REQUIRED:

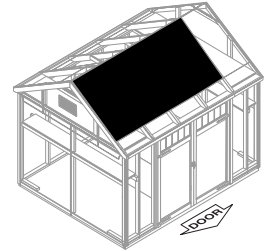
x2		7/16 x 11-1/4 x 96" (1,1 x 28,6 x 243,8 cm)	x2		7/16 x 11-1/4 x 23-7/8" (1,1 x 28,6 x 60,6 cm)
x1		7/16 x 48 x 96" (1,1 x 121,9 x 243,8 cm)	x2		7/16 x 23-7/8 x 48" (1,1 x 60,6 x 121,9 cm)



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



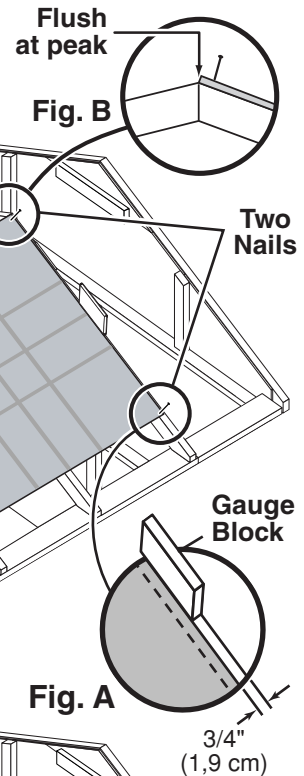
You must square the roof by attaching one panel first. You will use the panel's long edge as a lever to bring your roof into square. Commonly known as "racking".



### ✓ BEGIN

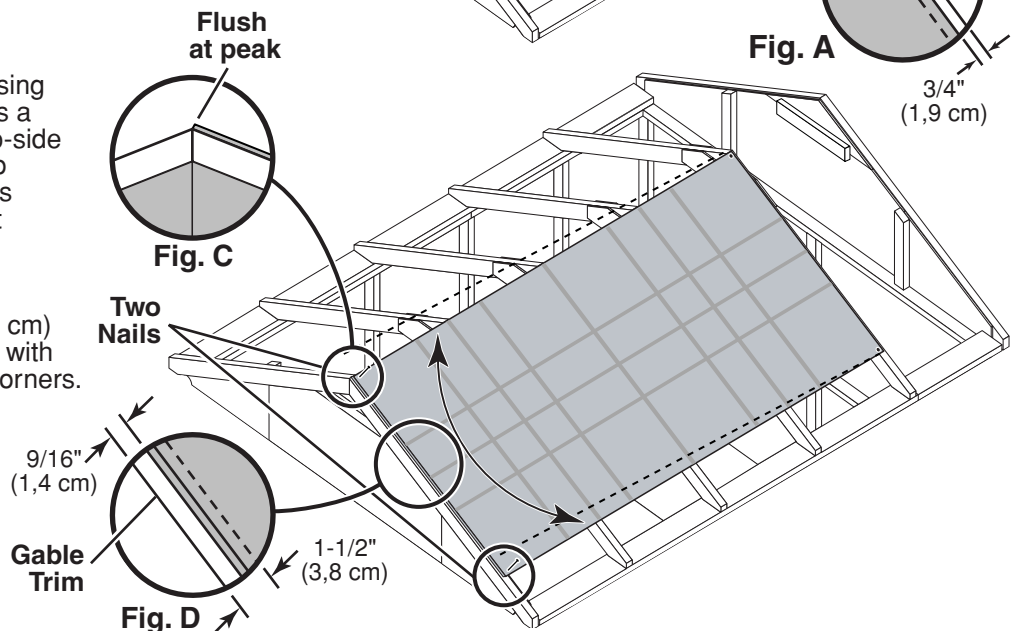
- 1 Attach the 48 x 96" (121,9 x 243,8 cm) panel with the rough side up (painted-grid lines side) with a 3/4" (1,9 cm) measurement on the rafter (**Fig. A**) and the panel flush at the peak (**Fig. B**).

Secure panel with two 2" (5,1 cm) nails in the corners.



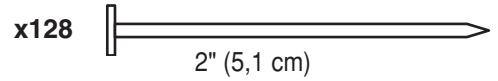
- 2 Move to the opposite end. Using the long edge of the panel as a lever, move the panel side-to-side until the top corner is flush to the peak (**Fig. C**) and there is 9/16" (1,4 cm) measurement to the gable trim (**Fig. D**).

You may need to move your sidewall to get the 9/16" (1,4 cm) measurement. Secure panel with two 2" (5,1 cm) nails in the corners.

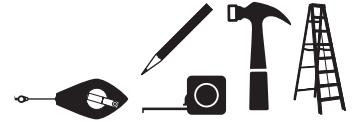


# ROOF PANELS

## PARTS REQUIRED:



**3/4" GAUGE  
BLOCK**

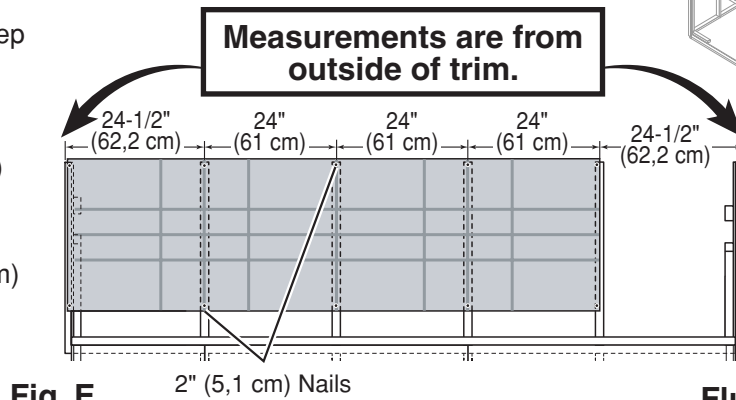
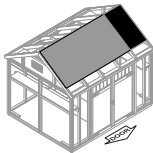


- 3** Keep spacing between the center of the rafters at the lower edge of the panel and secure with one 2" (5,1 cm) nail into each rafter (**Fig. E**).

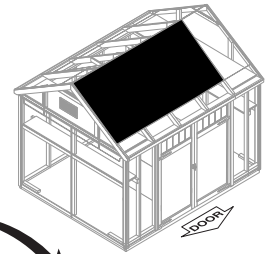
Move to the top of the panel and keep spacing between the center of the rafters. Secure with one 2" (5,1 cm) nail into each rafter (**Fig. E**).

Nail the roof panel using 2" (5,1 cm) nails 6" (15 cm) apart on edges and 12" (30,5 cm) apart inside panel.

Attach 11-1/4 x 48" (28,6 x 121,9 cm) roof panel flush to first panel, flush at peak and with the 9/16" (1,4 cm) measurement (**Fig. F, G**).

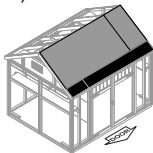


**Fig. E**

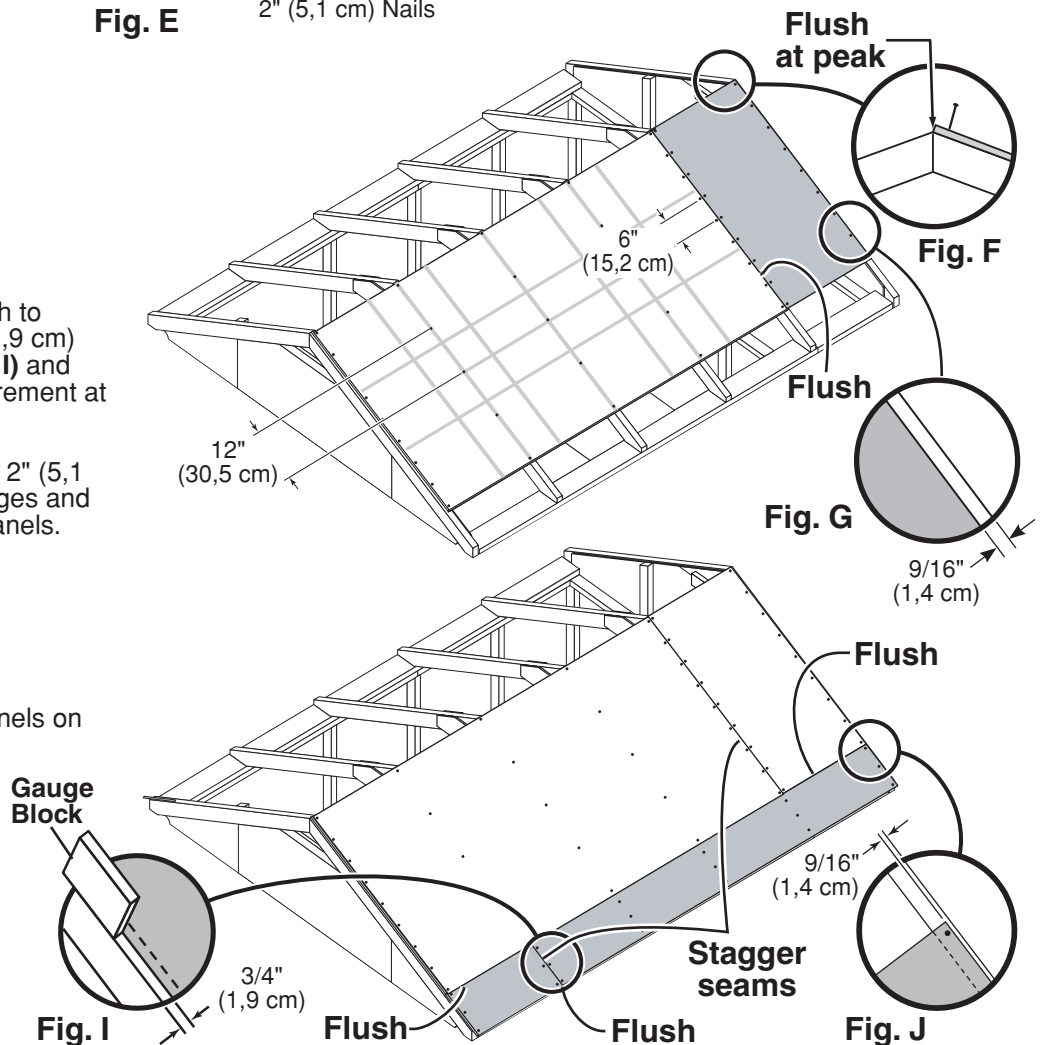


- 4** Attach lower roof panels flush to the upper panels with 3/4" (1,9 cm) measurement on rafter (**Fig. I**) and with a 9/16" (1,4 cm) measurement at the gable trim (**Fig. J**).

Nail the roof panel using two 2" (5,1 cm) nails 6" (15,2 cm) on edges and 12" (30,5 cm) apart inside panels.



Repeat process to attach panels on the opposite side.



**Fig. I**

**Fig. F**

**Fig. G**

**Fig. J**




# FASCIA TRIM

## PARTS REQUIRED:

x2 **CT**  
1 x 3 x 22" (2,5 x 7,6 x 55,9 cm)

x4 **BE**  
1 x 3 x 96" (2,5 x 7,6 x 243,8 cm)

x28  2" (5,1 cm)



### ✓ BEGIN

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

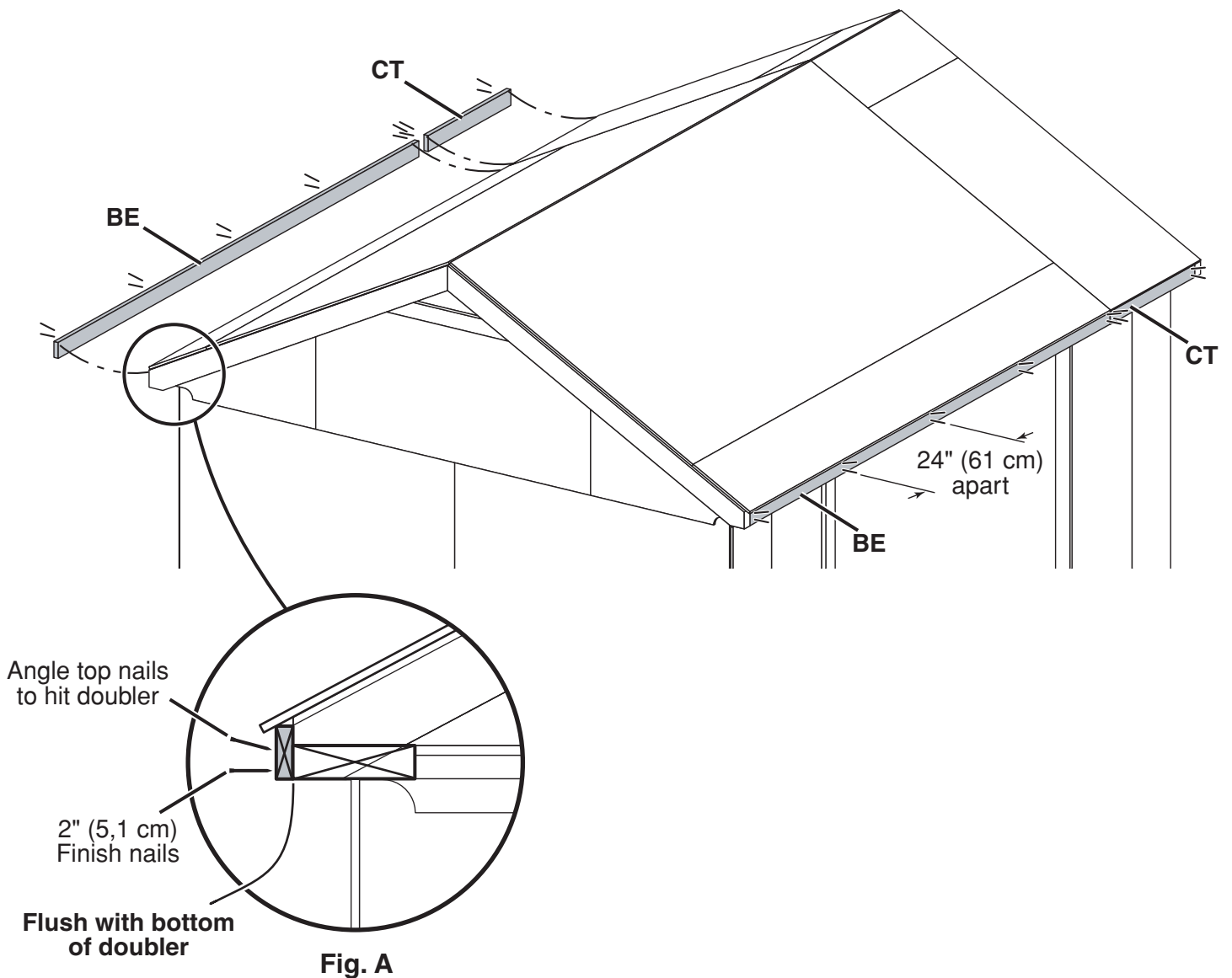
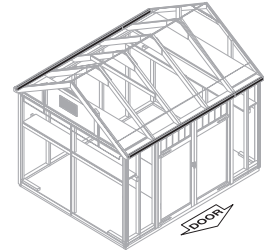
Secure with 2" (5,1 cm) finish nails 24" (61 cm) apart.

**2** Repeat process on opposite side.



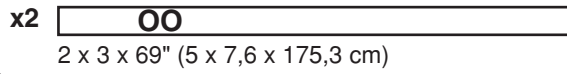
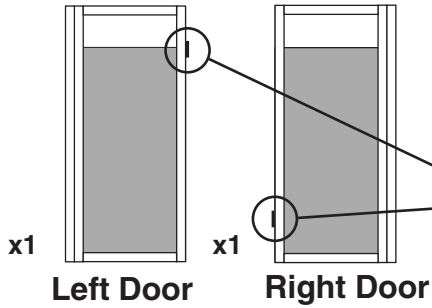
### FINISH

**3** You have finished installing your fascia trim.

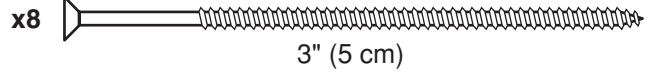


# DOORS

## PARTS REQUIRED:



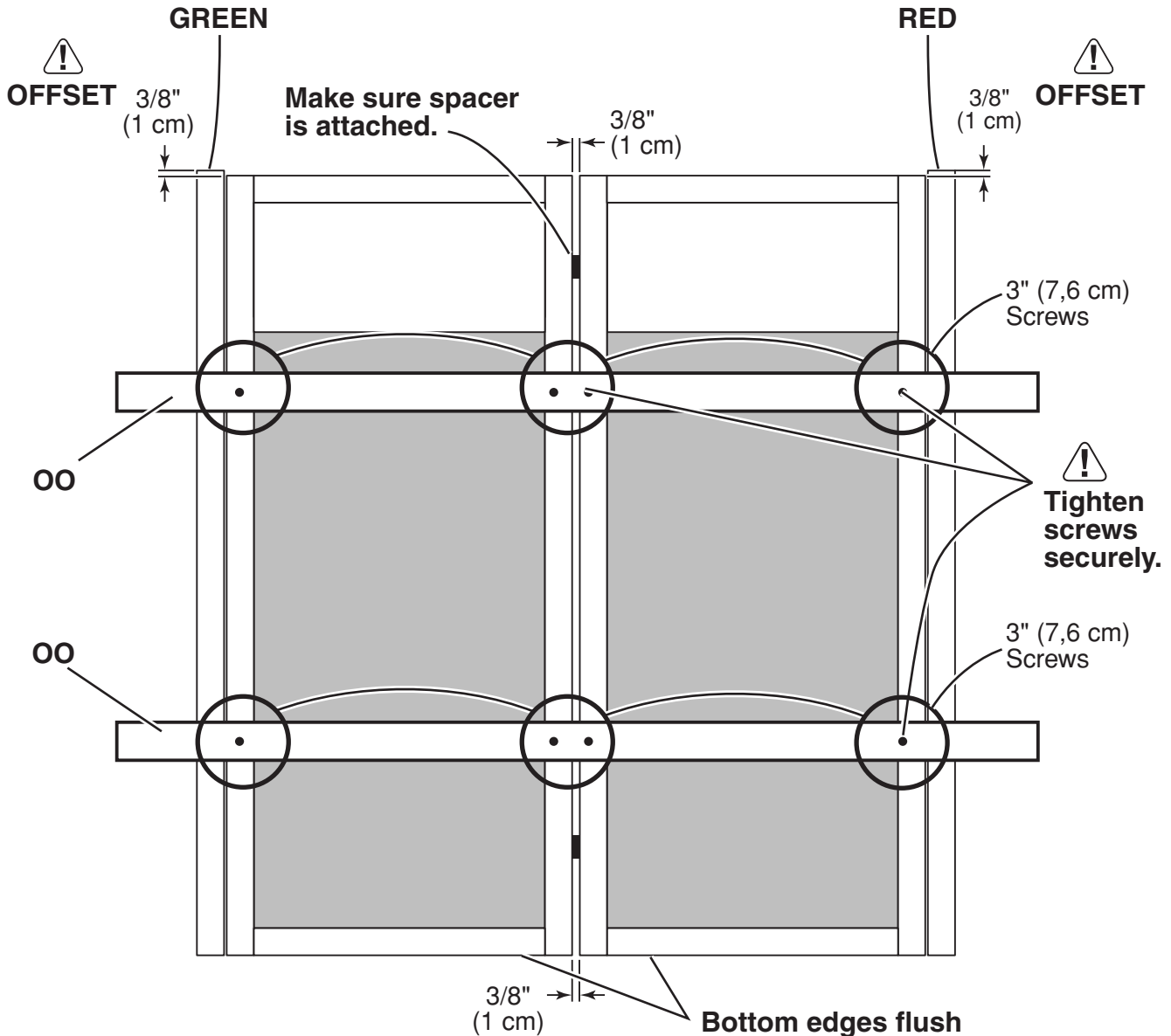
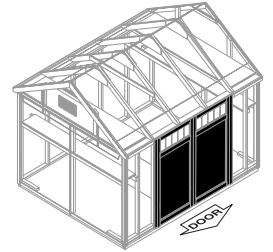
**HINT:**  
Look for 3/8" SPACER  
attached to doors.



✓ **BEGIN**

**1** Orient parts as shown on flat surface. **3/8" offset is to top.**  
Look for red (right) and green (left) on hinge board.

**2** Attach temporary supports OO with 3" screws in middle and at ends. Tighten securely.



# DOORS

## PARTS REQUIRED:

x13



3" (7,6 cm)

x1

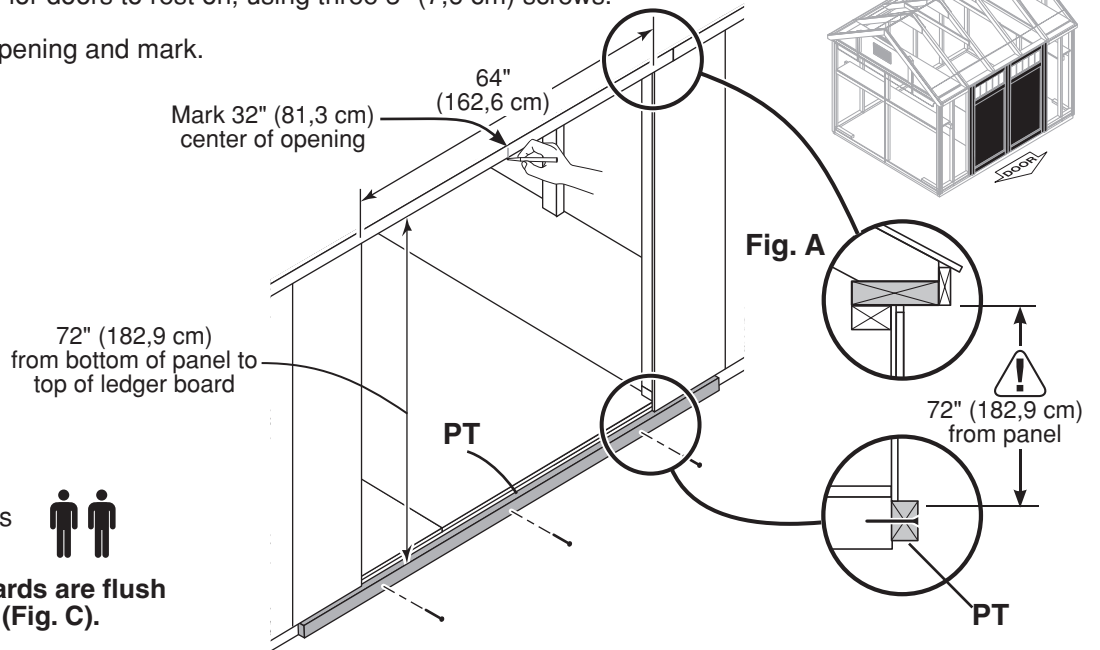
PT

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



- 3 Measure 72" (182,9 cm) down from underside of doubler (**Fig. A**). Attach PT as a temporary ledger board for doors to rest on, using three 3" (7,6 cm) screws.

Locate center of door opening and mark.



- 4 Center doors on mark as shown (**Fig. B**).



⚠ Check hinge boards are flush under overhang (**Fig. C**).

- 5 Screw hinge boards into wall frame and floor using 3" (7,6 cm) screws as shown.

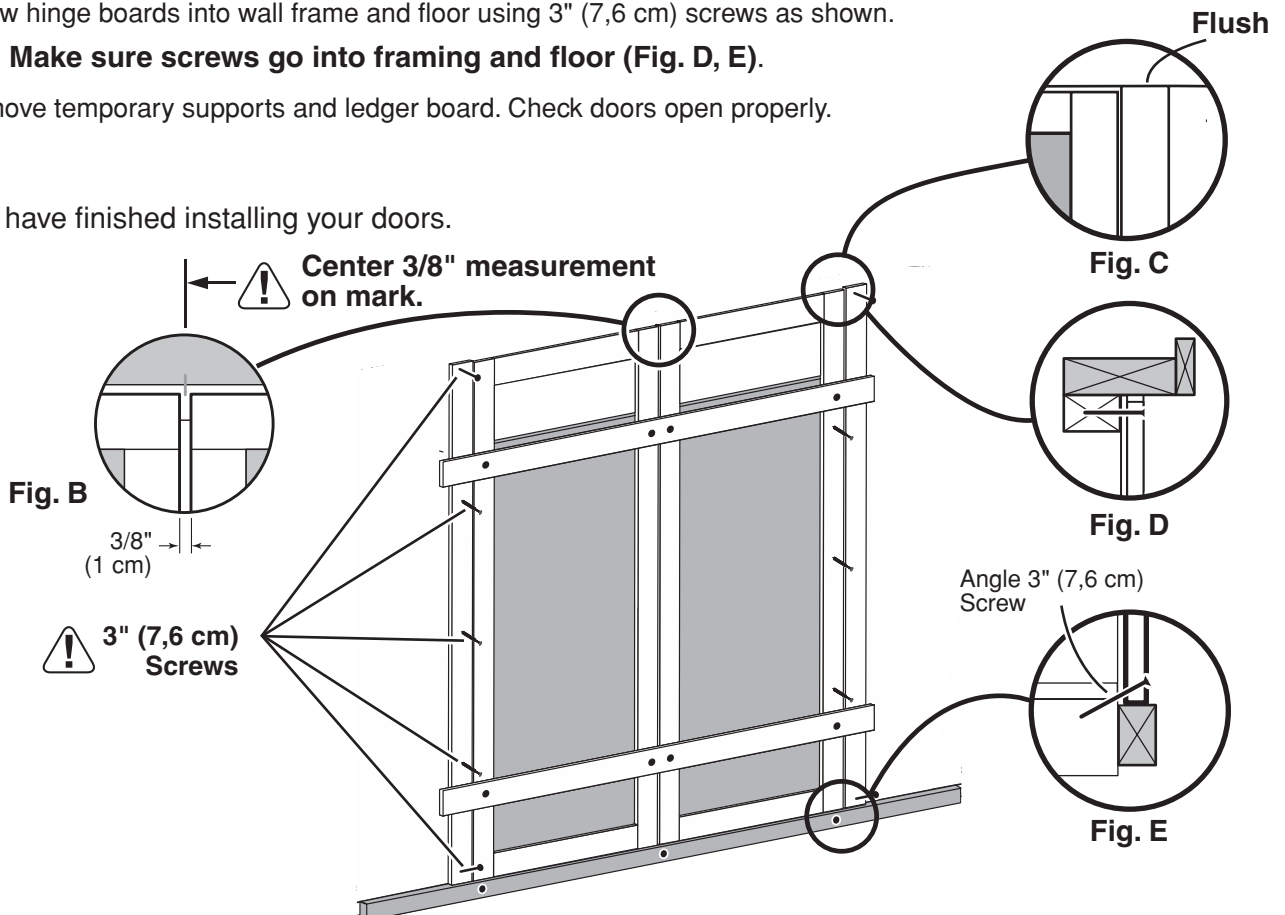
⚠ Make sure screws go into framing and floor (**Fig. D, E**).

- 6 Remove temporary supports and ledger board. Check doors open properly.



FINISH

- 7 You have finished installing your doors.



# DOOR TRIM

## PARTS REQUIRED:

x2 **AH**  
 19/32" x 2-1/2" x 26-5/8" (1,5 x 7,6 x 67,6 cm)

x48  
 3/4" (1,9 cm)



### ✓ BEGIN

**1** Attach **AH** flush to door panel opening using five 3/4" (1,9 cm) screws as shown.

Reinforce the door trim using 3/4" (1,9 cm) screws through door panel into outer trim as shown (**Fig. A, B**).

**2** Remove 3/8" (1 cm) spacers from doors.

### FINISH

**3** You have finished installing your door trim.

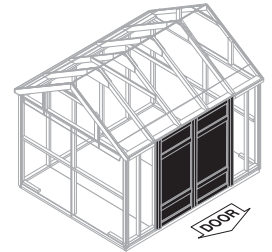
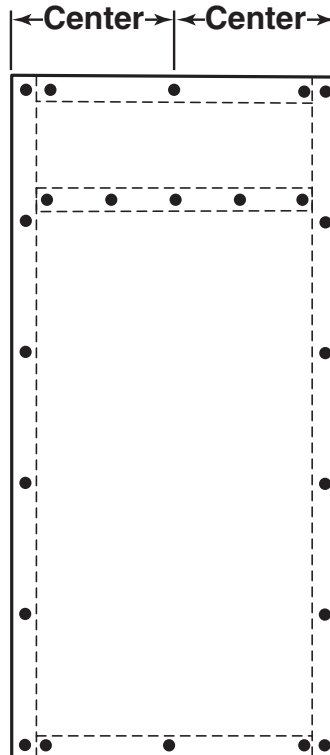


Fig. B

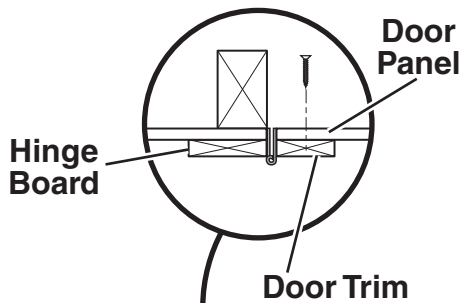
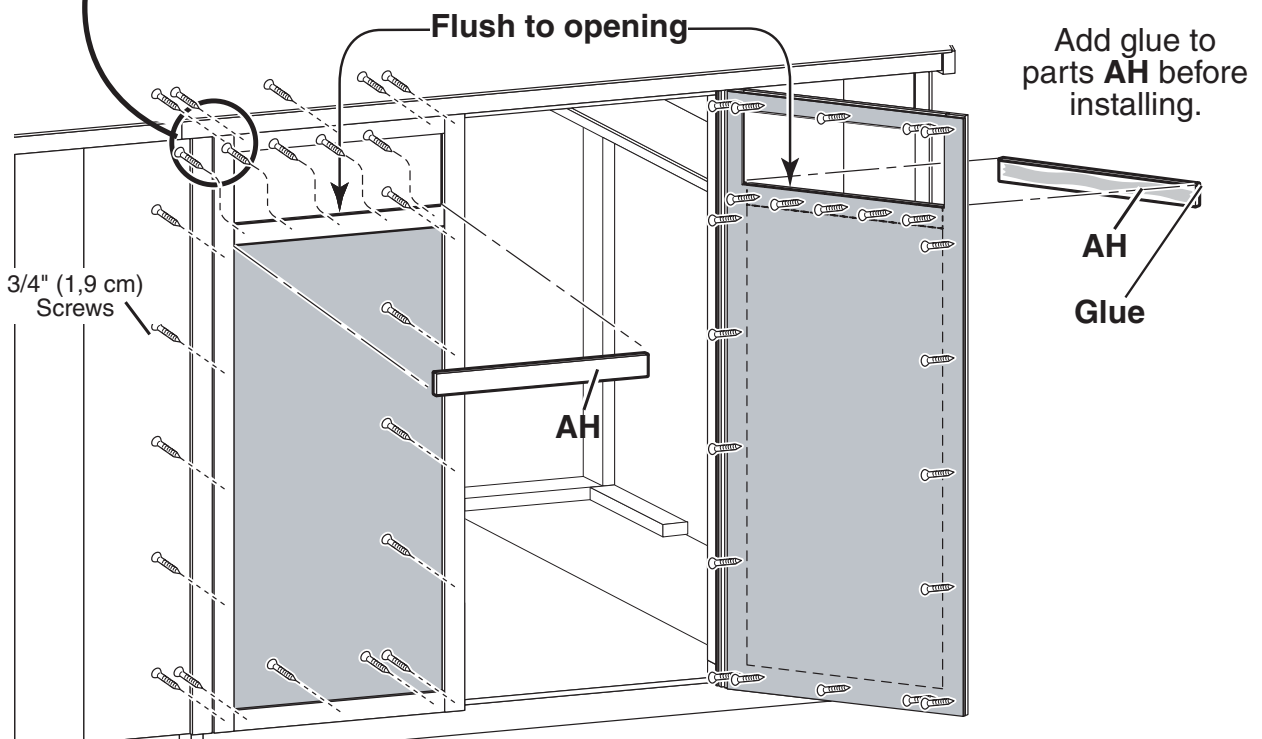
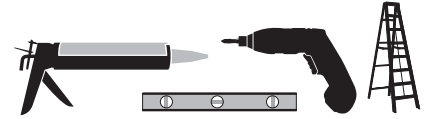
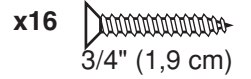
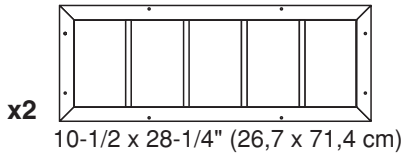


Fig. A



# WINDOWS

## PARTS REQUIRED:



### ✓ BEGIN

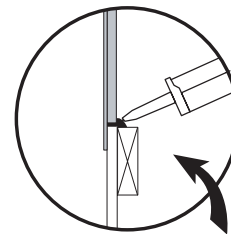
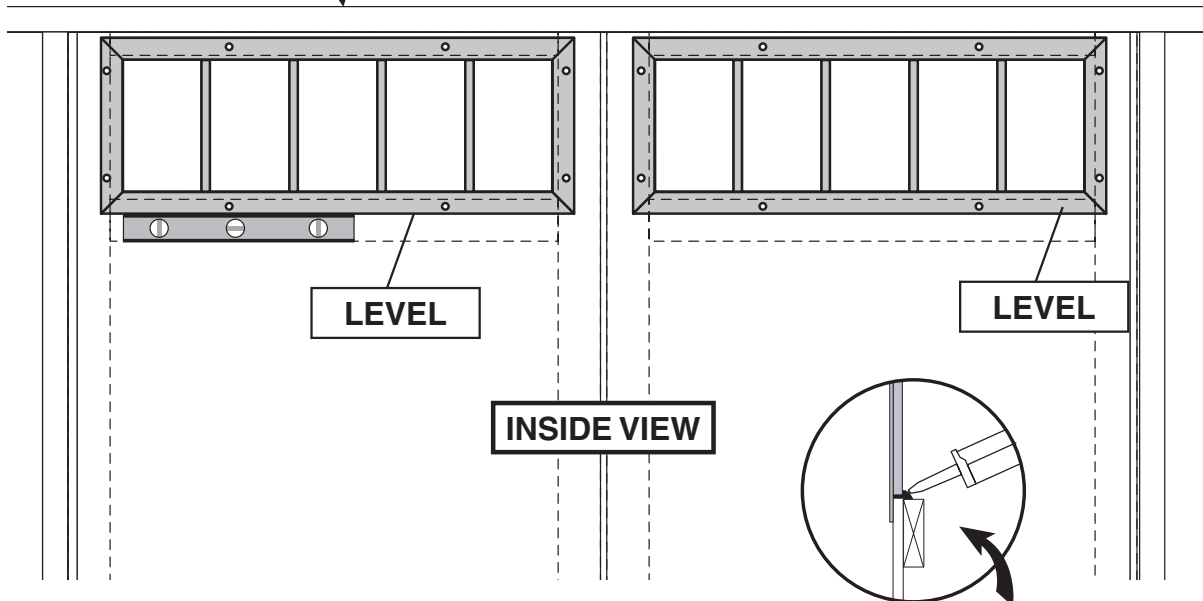
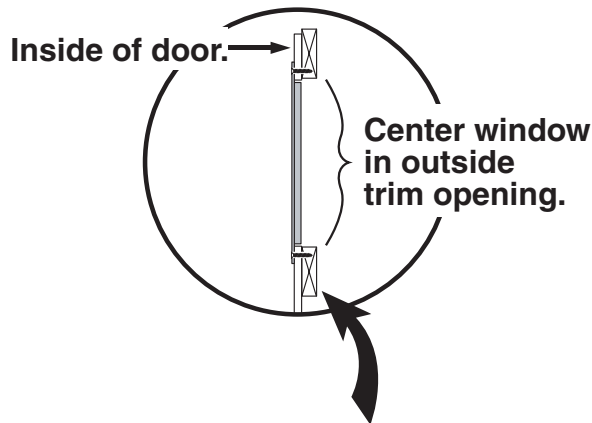
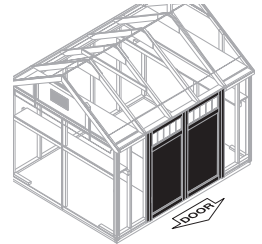
1 Install window on door opening flush to door panel using eight 3/4" (1,9 cm) screws.

2 Seal window with high-quality paintable exterior-grade caulk.



### FINISH

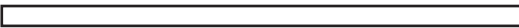
3 You have finished installing your windows.




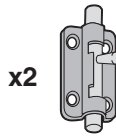
⚠ You must caulk completely around window frame and all exposed door panel edges and trim to validate your warranty. Use a paintable exterior rated caulk.


# DOOR HARDWARE


## PARTS REQUIRED:

x2   
3/8 x 1-3/4 x 69" (1 x 6,3 x 175,3 cm)

x2  OO  
2 x 3 x 69" (5,1 x 7,6 x 175,3 cm)



x13   
3/4" (1,9 cm)

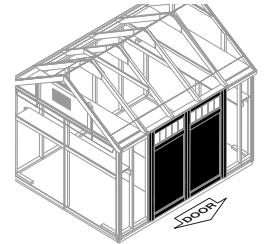
x10   
2" (5,1 cm)

3/8" (1 cm) Drill Bit

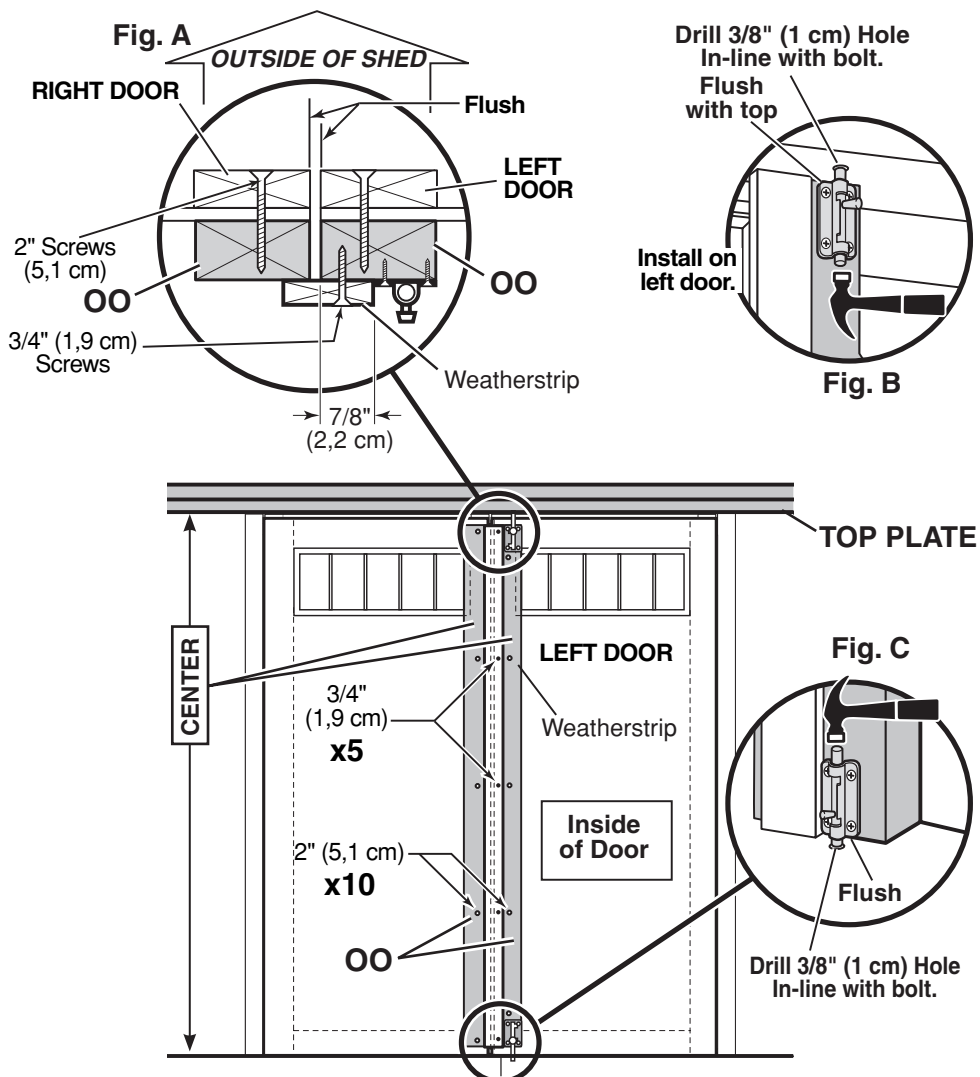


### ✓ BEGIN

- 1 Center OO between floor and top plate and vertically on the door flush to the edge of the door (Fig. A). Secure using five 2" (5,1 cm) screws through outside trim into OO (Fig. A). Repeat on opposite door.
- 2 Orient weatherstrip to overlap OO as shown on Left door using five 3/4" (1,9 cm) screws (Fig. A)
- 3 Mount one barrel bolt flush at top of OO on left door using 3/4" (1,9 cm) screws as shown (Fig B). Tap barrel bolt with hammer and drill 3/8" (1 cm) hole.

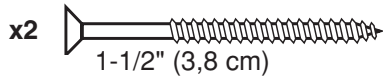
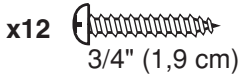
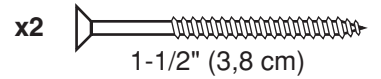
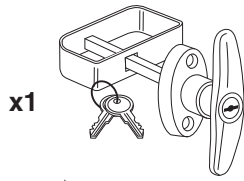
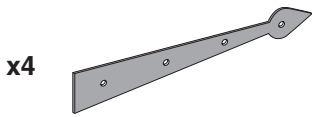


Mount the second barrel bolt flush at bottom of OO on left door using 3/4" (1,9 cm) screws as shown (Fig C). Tap barrel bolt with hammer and drill out hole using 3/8" (1 cm) Drill Bit.



# DOOR HARDWARE

## PARTS REQUIRED:



**4** Measure and mark position for door handle as shown. Pre-drill 1/4" (0,6 cm) and 1/2" (1,3 cm) drill-through. **DRILL FROM INSIDE.**

**5** Insert handle in hole and secure using 1-1/2" (3,8 cm) screws.

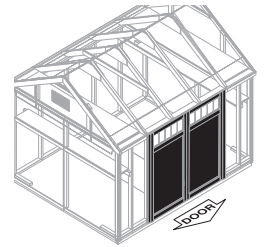
**6** Attach paddle to handle and secure with set screw as shown.

**7** Install decorative hinges on horizontal trim and flush against piano hinge as shown.

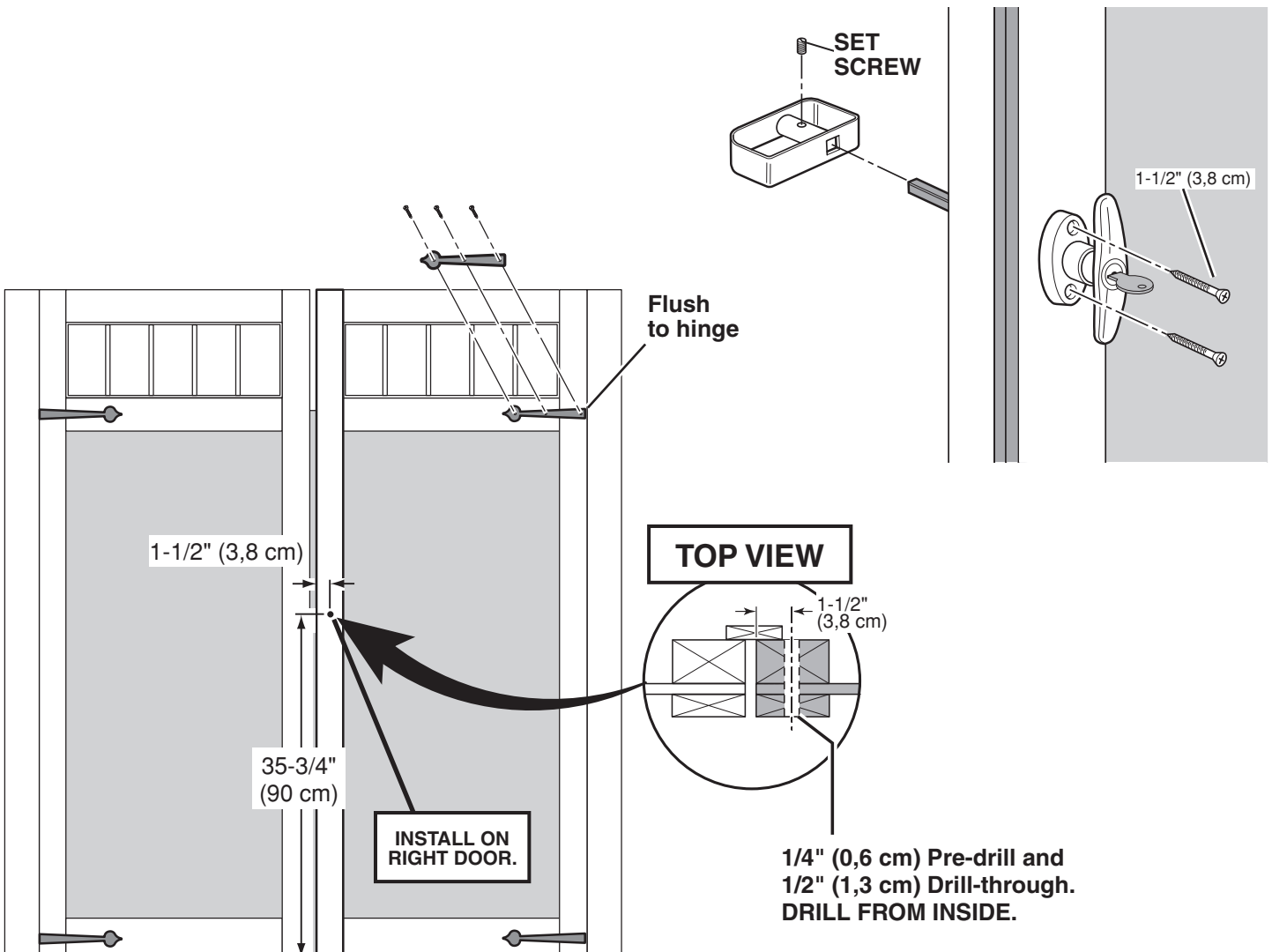


**FINISH**

**8** You have finished installing your T-handle and faux hinges.



**Fig. B**



# SHELVES

## PARTS REQUIRED:

x2



7/16 x 11-7/8 x 91" (1,1 x 60,6 x 231 cm)

x2



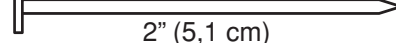
2 x 3 x 96" (5,1 x 7,6 x 243,8 cm)

x8

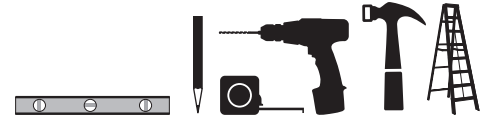


3" (7,6 cm)

x40



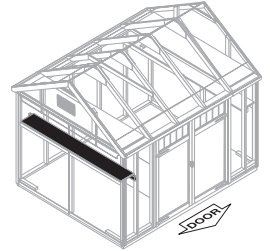
2" (5,1 cm)



### ✓ BEGIN

- 1 Measure and mark height of horizontal 2 x 3" onto inside of stud and outside of of panel as shown. Use level (**Fig. A**).

Secure **PT** using two 3" (7,6 cm) screws at each end as shown.



- 2 Place shelf panel into gap flush against back wall. Secure using 2' (5,1 cm) nails spaced 10" (25,4 cm) apart.



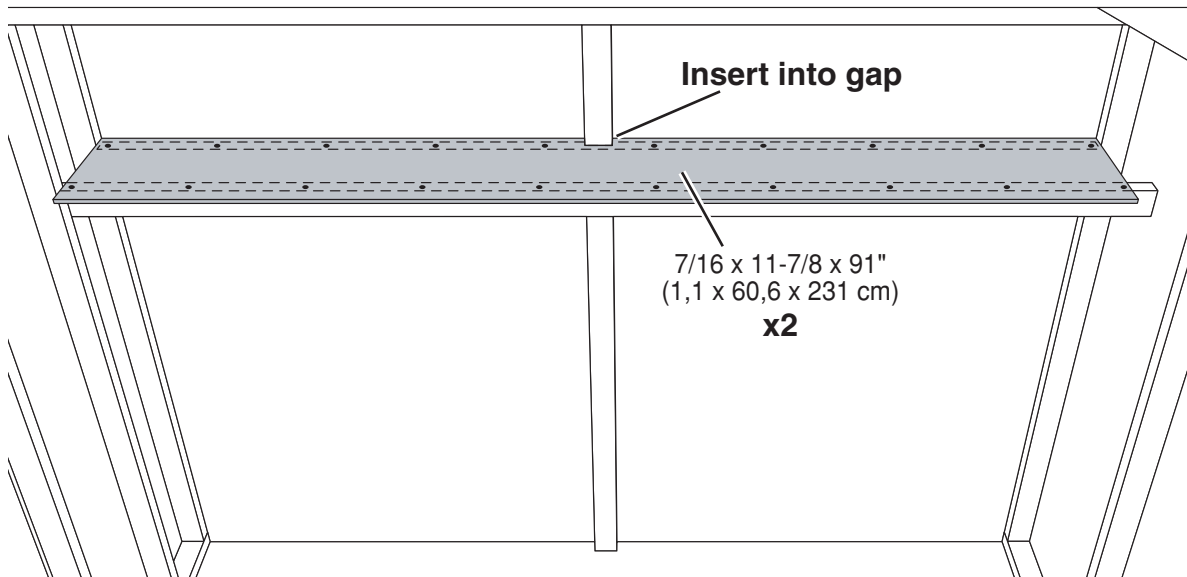
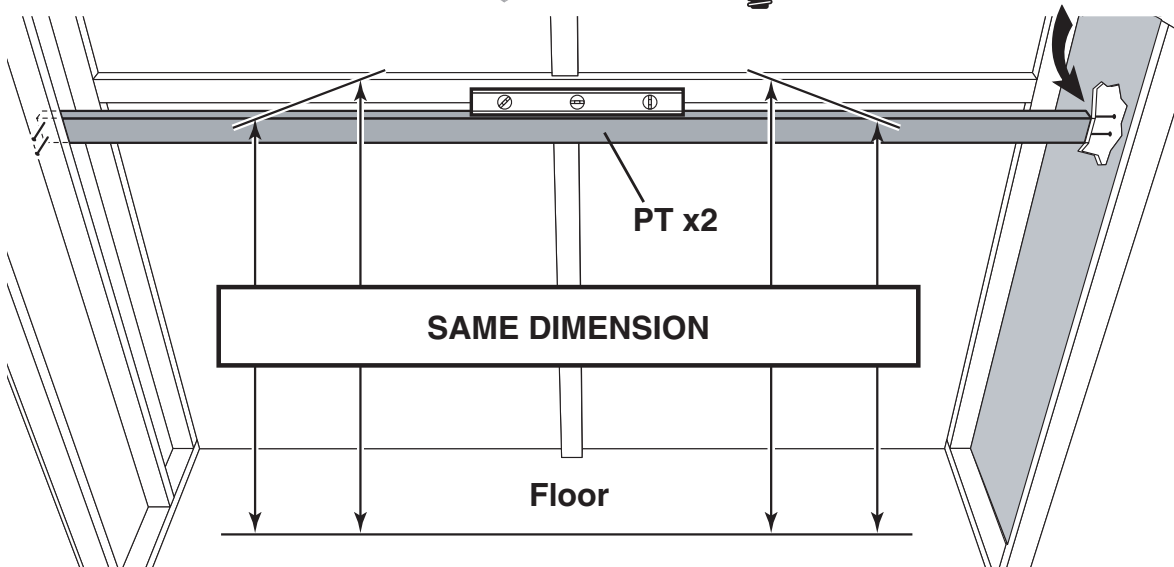
### FINISH

Repeat **STEPS 1-2** on other side.

- 3 You have finished installing your shelves.



**HINT:**  
Mark shelf support location on outside of panel.

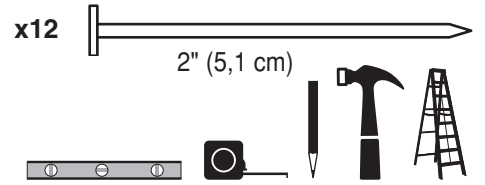




# COLLAR TIES

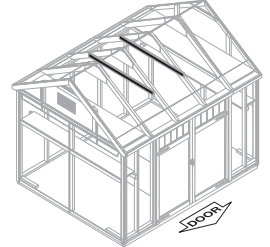
## PARTS REQUIRED:

x2 **JF**  
1 x 4 x 60" (2,5 x 10,2 x 152,4 cm)



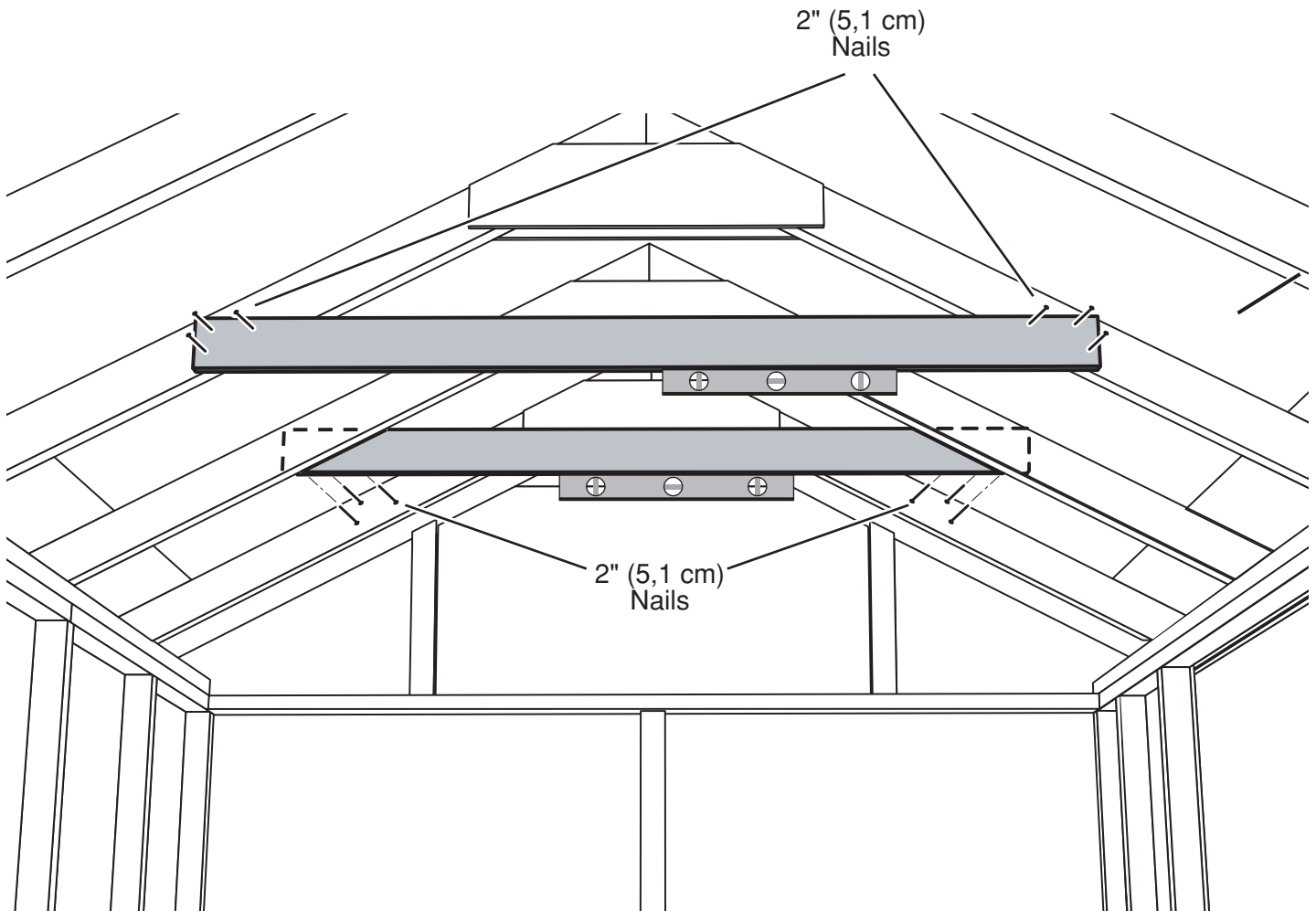
### ✓ BEGIN

- 1 Level collar ties (**JF**) on back of center rafters above door. as shown  
Check collar ties are level and flush to roof panels.
- 2 Secure collar ties to rafter with three 2" (5,1 cm) nails at each end.



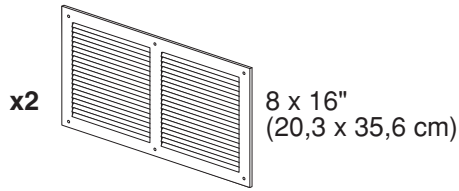
### FINISH


- 3 You have finished installing your collar ties.



# VENTS

## PARTS REQUIRED:



x12   
1/2" (1,3 cm)



### ✓ BEGIN

**1** Locate and mark for two vents in side walls as shown.

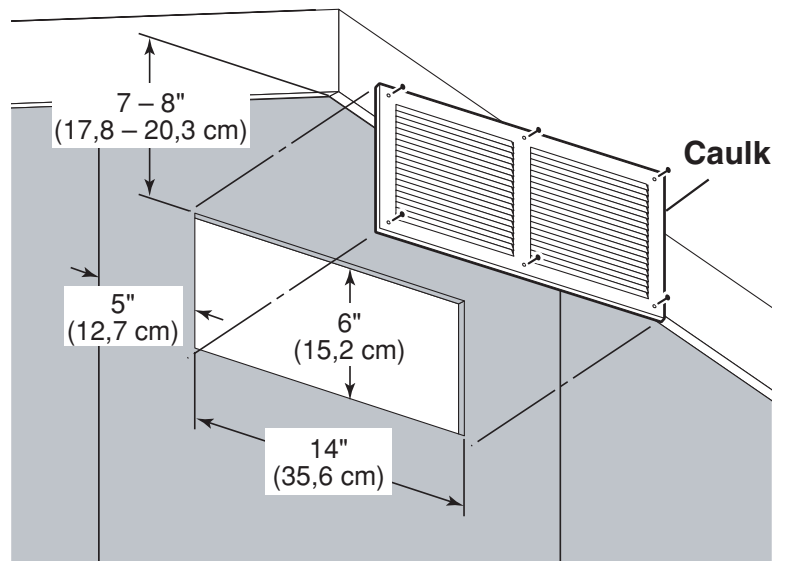
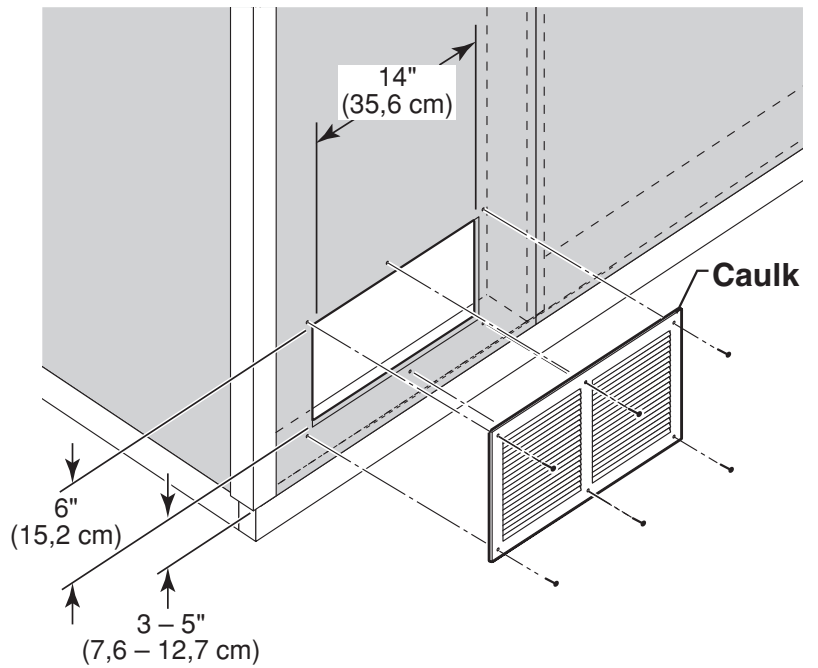
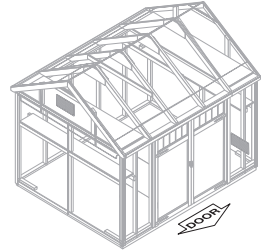
Cut out marked openings.

Caulk behind vent flanges.

**2** Secure using 1/2" (1,3 cm) screws.


### FINISH


**3** You have finished installing your vents.



# BATTENS

## PARTS REQUIRED:

x64  2" (5,1 cm)

x8  3/8 x 1-3/4 x 72" (1 x 4,5 x 183 cm)



### ✓ BEGIN

**1** Overlap battens at corner (**Fig. A**). Position battens flush under eaves and trim (**Fig. B**). Secure batten using 2" (5,1 cm) finish nails as shown. Caulk seam before painting.

**2** Repeat on other corners.

### FINISH

**3** You have finished installing your corner battens.

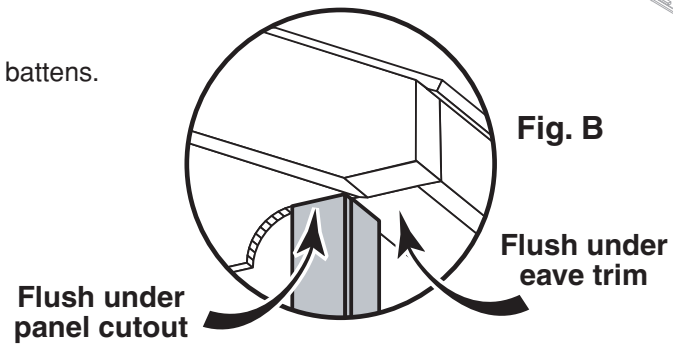
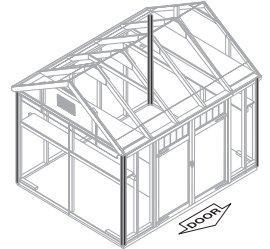


Fig. B

Flush under eave trim

Flush under panel cutout

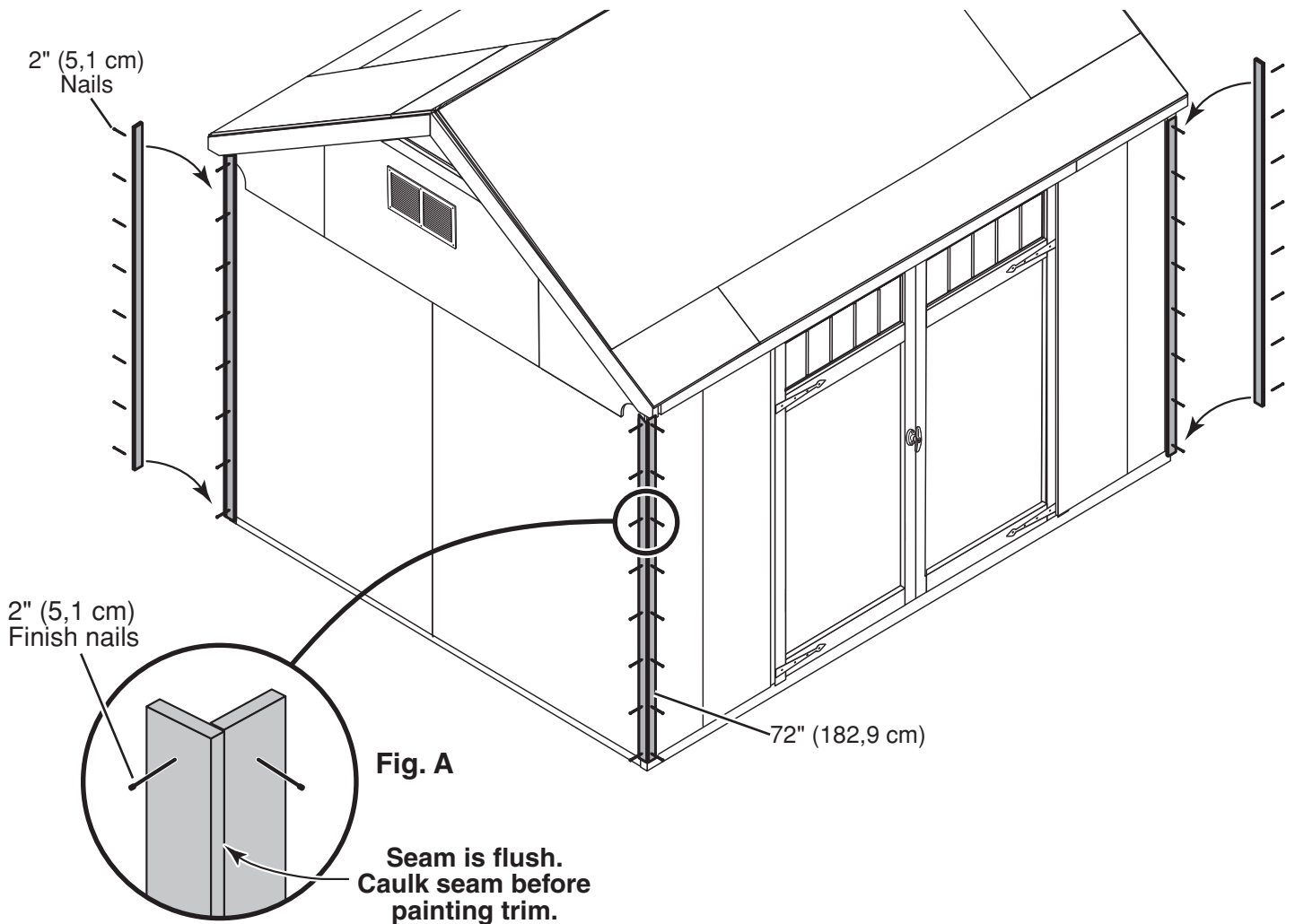


Fig. A

Seam is flush. Caulk seam before painting trim.

## 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

#### Note:

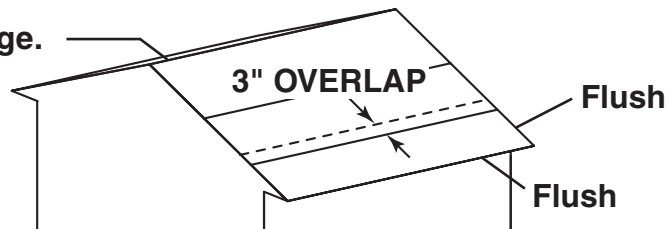
Prime all un-primed exterior wood before painting.  
(Follow directions provided by manufacturer.)

## ROOF FELT

- NOT INCLUDED -

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

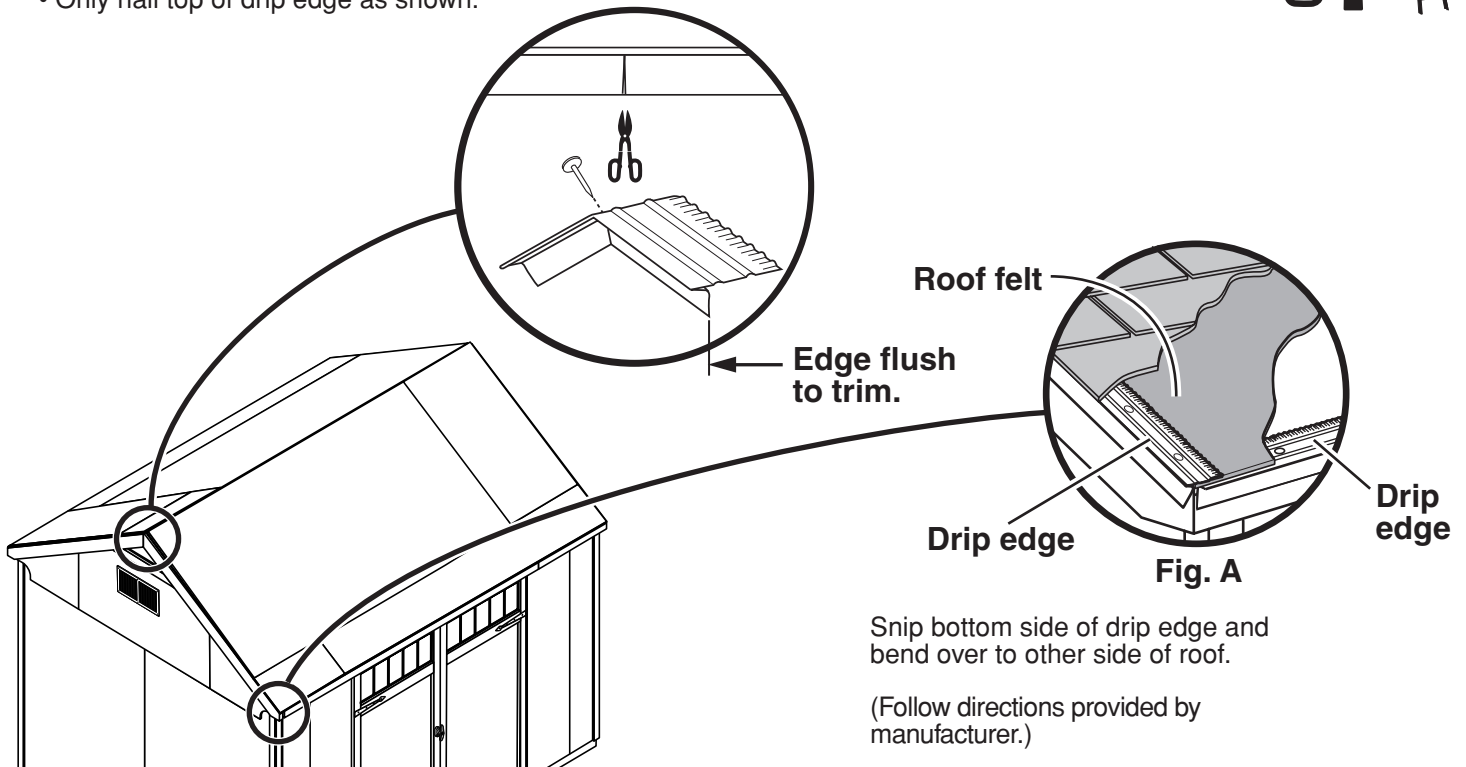
OK to overlap at ridge.



## DRIP EDGE

- NOT INCLUDED -

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



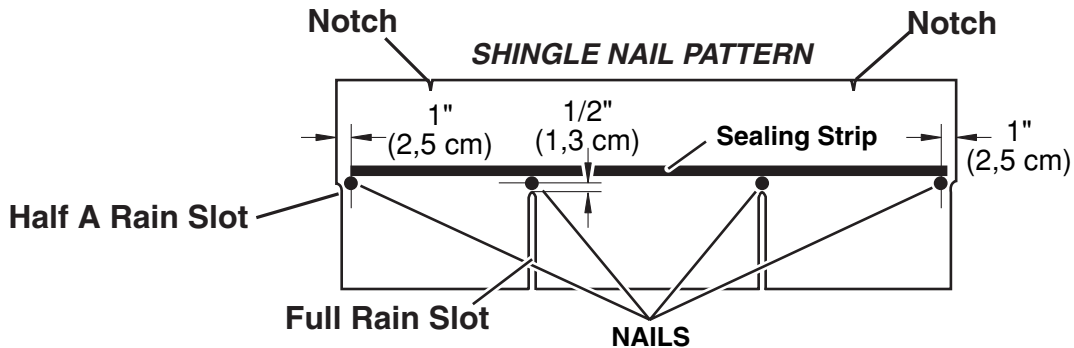
# SHINGLES

- NOT INCLUDED -

• Follow directions provided by manufacturer and these instructions.



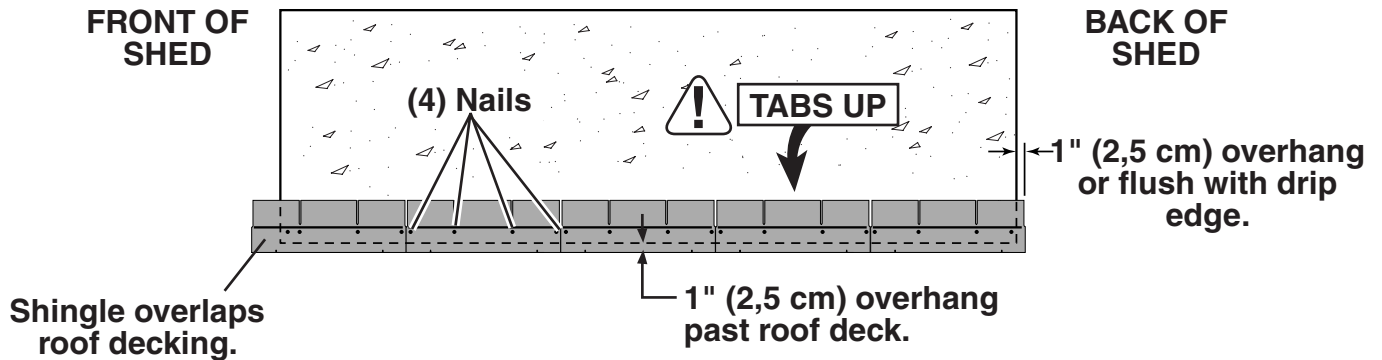
**!** Familiarize yourself with a 3-Tab Shingle.



**!** NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

**✓** BEGIN

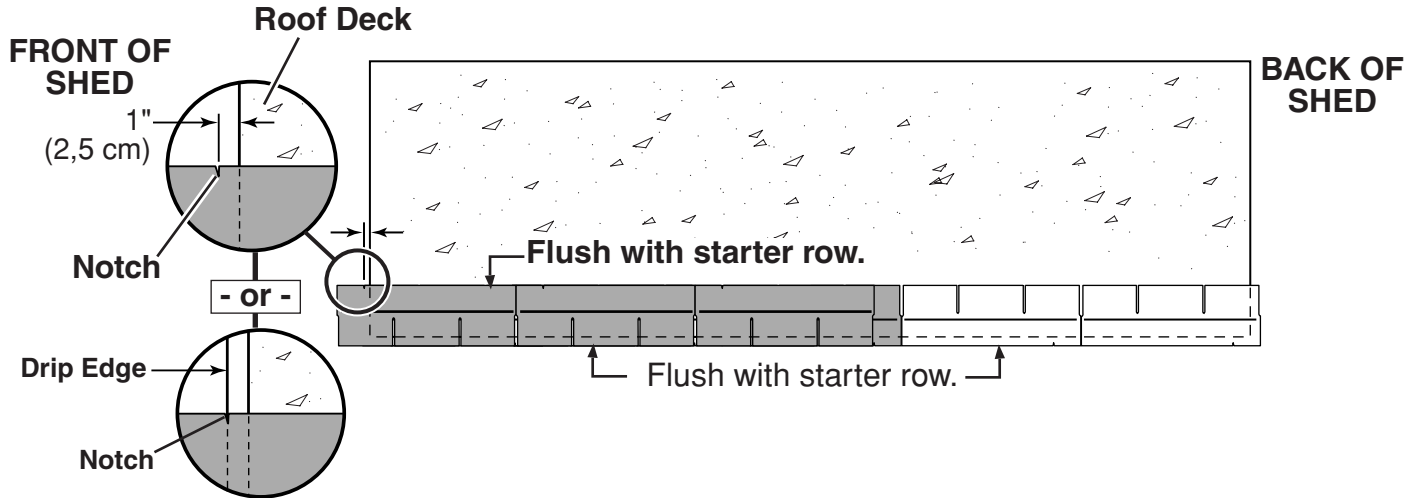
- 1** Install first starter row upside down and color up with a 1" overhang at back and bottom of roof panel. Use (4) nails per shingle. **Starter row must be straight and level all the way across with lower edge of roof deck.**  
**NOTE:** If you have installed drip edge install shingles flush to drip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



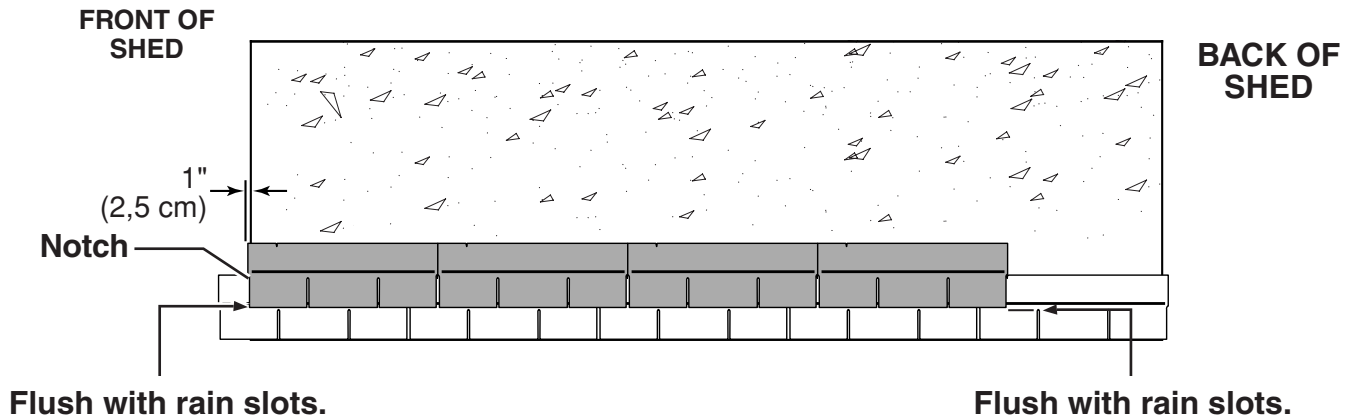
# SHINGLES

continued...

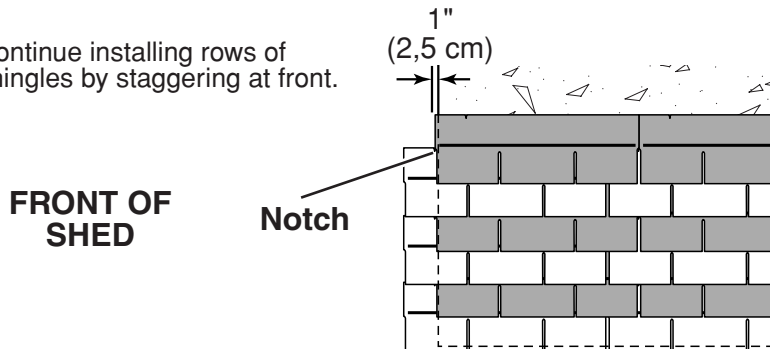
- 2** Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



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



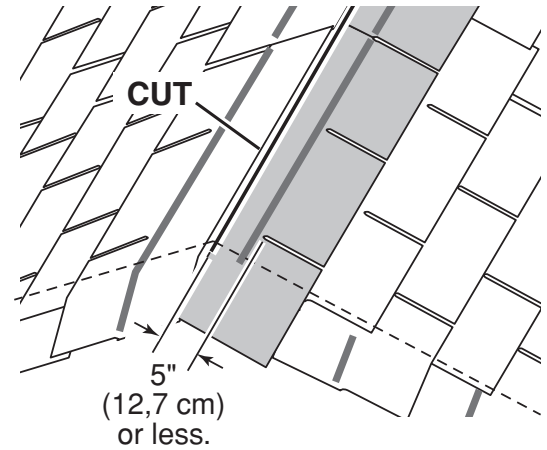
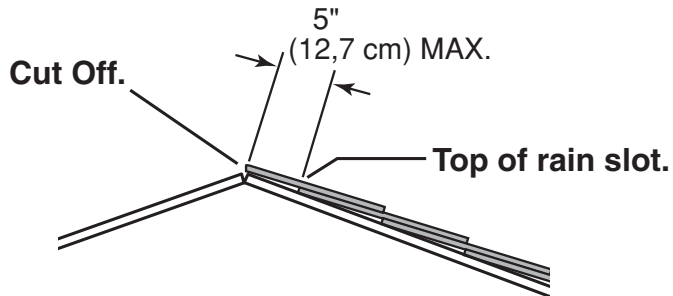
- 4** Continue installing rows of shingles by staggering at front.



## SHINGLES

continued...

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

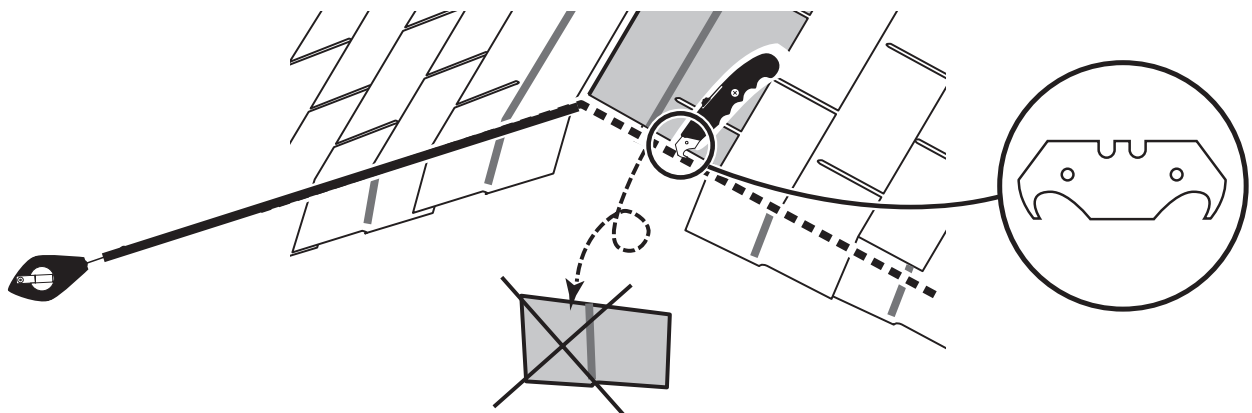


- ! • If more than 5" to rain slot you must install another row of shingles.

- 6 Repeat steps 1 - 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.



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

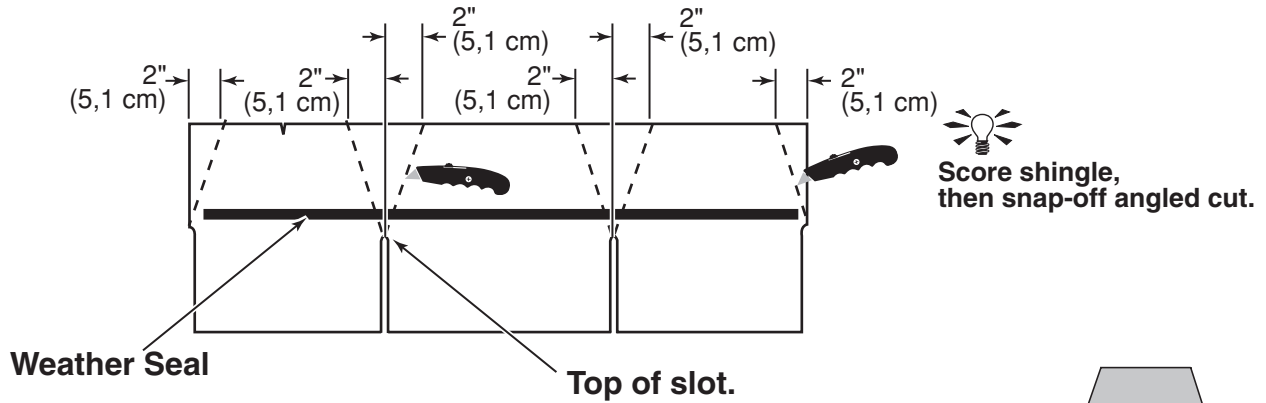
# SHINGLES - RIDGE CAP



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

**BEGIN**

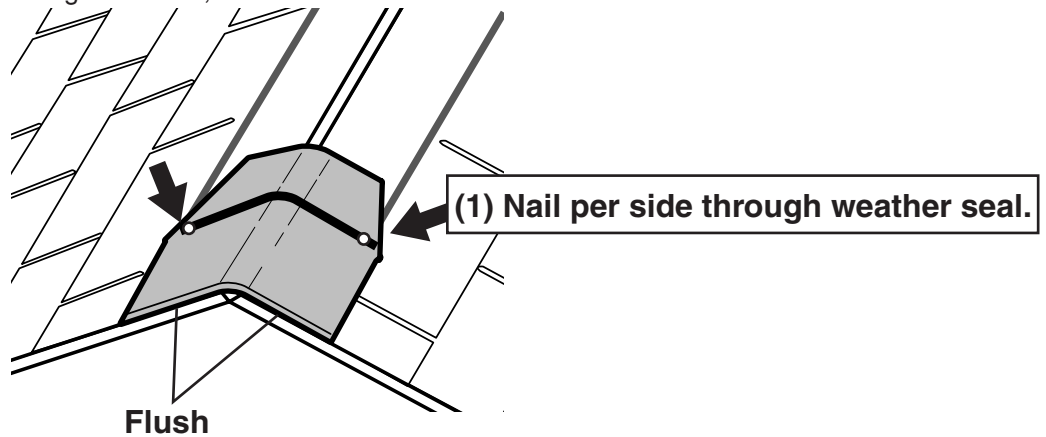
**1** Cut shingles into THREE pieces. **Hint:** Use cut-off pieces first.



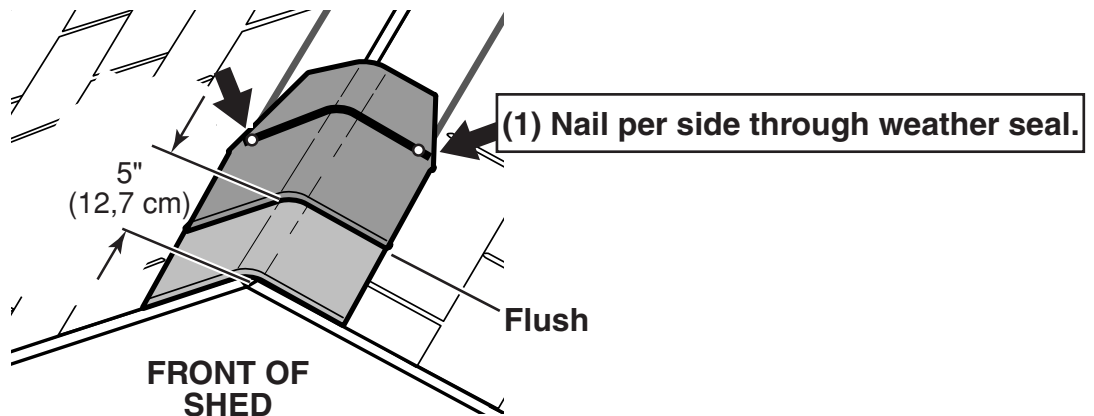
**Note:** • You will need about 24-26 cut pieces.



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



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

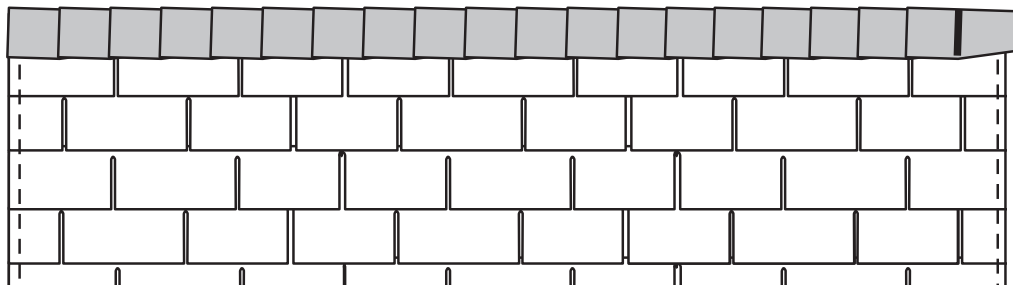




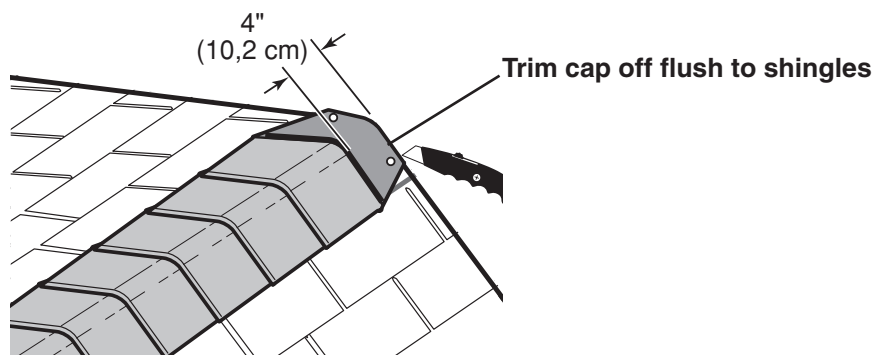
## SHINGLES - RIDGE CAP

continued...

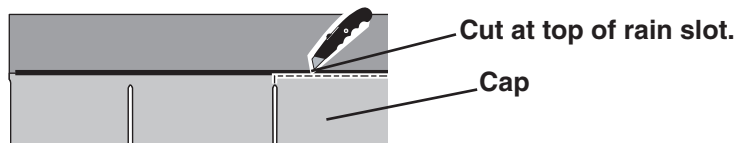
- 4 Continue installing ridge cap to back of roof.



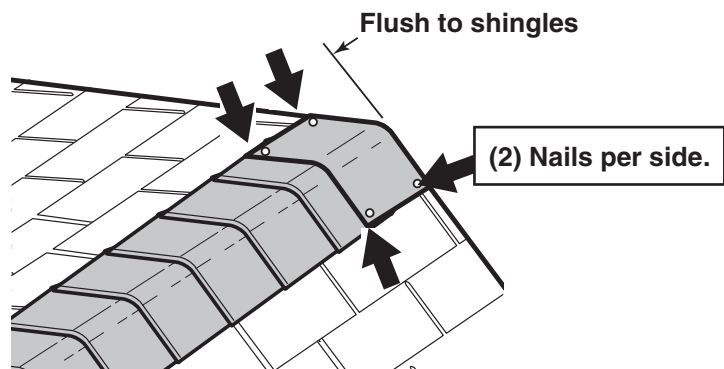
- 5 Make sure there is 4" between the shingle-color and edge of shingles.



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



- 7 Install flush to shingles.



FINISH

- 8 You have finished your ridge cap.

**Limited Conditional  
Warranty \***

## WARRANTY

Backyard Storage Solutions, LLC warrants the following:

1. Every product is warranted from defects in workmanship and manufacturing for one year.
2. All hardware and metal components are warranted for two years.
3. Trim is warranted for 12 years.
4. Waferboard siding and sheathing is warranted for two years.
5. SmartSide™ siding is warranted for 12 years.
6. Timber series buildings' siding and trim are warranted for 10 years.
7. Solar Shed windows are warranted for 1 year.
8. Cedar lumber is warranted for 15 years.
9. Cedar doors and Cedar Garden Center are warranted for 10 years.
10. Metal roof is warranted for 25 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 & Playhouses

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 100% acrylic latex exterior product with a minimum of two (2) coats within sixty (60) days of assembly; caulk above all doors and all horizontal and vertical trim boards; paint and seal all exposed edges, sides and faces of SmartSide™ and waferboard siding to include all exterior walls and all sides and all edges of doors.

### Gazebos, Pergolas & Timber Buildings

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 timber building 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 1-800-844-9273 or prepare a letter. Please have ready the information below when you call or include the information when writing:

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, as listed on the yellow warranty card enclosed in the product package.

Mail the above information to:

Backyard Storage Solutions, LLC  
Attn: Customer Service  
1000 Ternes  
Monroe, MI 48162

**\*WARRANTY TERMS MAY VARY OUTSIDE THE U.S.A.  
IMPORTANT: This is your warranty certificate.**

**Please complete and mail your warranty card to properly validate your warranty.**

**ldr: 03/11/10**