

16770-CB



Call Us First!
DO NOT RETURN TO STORE.

For immediate help with assembly or product information

call our toll free number:

1-888-827-9056

or email:

customerservice@backyardproductsllc.com

Our staff is ready to provide assistance

April through October M-F 8:00 AM to 4:30 PM EST

Saturday 8:30 AM to 4:30 PM EST

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

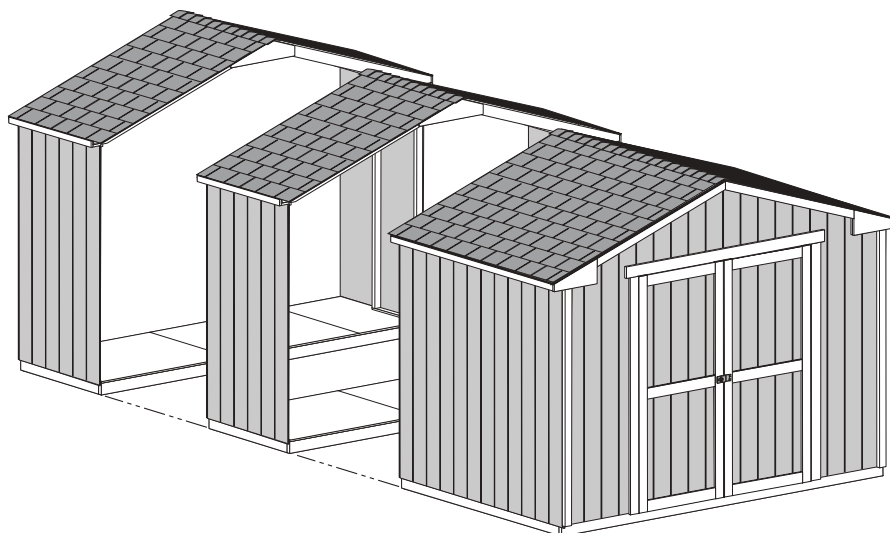
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GABLE**10' x 8' (305 x 244)****ASSEMBLY MANUAL**

16770-CB

07/01/2020

	BUILDING SIZE	ACTUAL FLOOR SIZE
BASE MODEL	10' x 8' (305 x 244 cm)	10' x 7' 8-5/8" (305 x 235,3 cm)
ADD ONE 10' x 4'	10' x 12' (305 x 365,8 cm)	10' x 11' 8-5/8" (305 x 357,2 cm)
ADD TWO 10' x 4'	10' x 16' (305 x 487,7 cm)	10' x 15' 8-5/8" (305 x 479 cm)

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

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

• ENGINEERED DRAWINGS

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

• SURFACE PREPARATION

To ensure proper assembly you must build your shed on a level surface. Recommended methods and materials to level your shed are listed on page 6.

• CHECK ALL PARTS

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

• ADDITIONAL MATERIALS

You will need additional materials to complete your shed. See page 6 for required and optional materials and quantities.

**- CUSTOMER SERVICE -****Call: 1-888-827-9056 email: customerservice@backyardproductsllc.com**

TOOLS

Required

☐ Phillips Screwdriver 

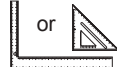

☐ Drill / Driver
☐ 3/8" Drill Bit
☐ #2 Philips Drive Bit

☐ Hammer 

☐ Level 


☐ Pencil 

☐ Tape Measure 

☐ Square  or 

☐ Utility Knife 
☐ Shingle Blades 

☐ Caulk Gun 


☐ Paint Tools 

☐ Safety Glasses 


☐ Ladder 

Optional

☐ Tool Belt/ Nail Pouch 

☐ Tin Snips (for drip edge) 

☐ Chalk Line 

☐ Nail Gun
 • gun nails 

☐ Gloves 

Safety! Always use approved safety glasses during assembly.

HELPFUL REMINDER SYMBOLS

Look for these symbols for helpful reminders throughout this manual.



= Assistance Required; two or more people.



= Ensure squareness.



= Important required step or operation.



= Helpful assembly hint.



= Mark part with pencil.



= Beginning of steps for assembly or installation.



= You have finished the assembly or installation.

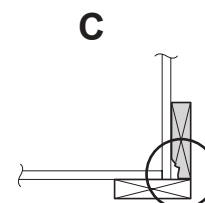
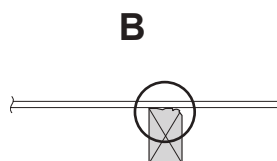
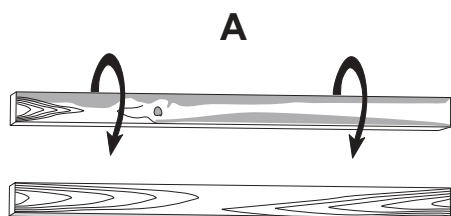


= Level

ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

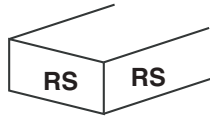
Framing lumber is graded for structural strength and not appearance. Exterior trim is graded for one good side.

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



PARTS IDENTIFICATION AND SIZES

Part identification is stamped on some parts.



• Check these locations for part stamp.

Treated lumber is stamped:

TREATED

WOOD SIZE CONVERSION CHART

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

10x8' 10x12' 10x16'



PARTS LIST

INVENTORY YOUR PARTS before you begin.

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

WALL

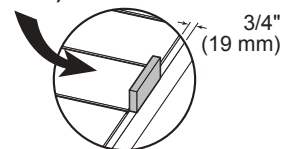
- ☐ x1 ☐ LT 2 x 3 x 22-1/8" (5 x 7,6 x 56 cm)
- ☐ x2 ☐ NH 2 x 3 x 46-1/4" (5 x 7,6 x 117,5 cm)
- ☐ x2 ☐ x2 ☐ NK 2 x 3 x 48" (5 x 7,6 x 122 cm)
- ☐ x6 ☐ x4 ☐ x4 ☐ OV 2 x 3 x 69" (5 x 7,6 x 175,3 cm)
- ☐ x4 ☐ OY 2 x 3 x 72" (5 x 7,6 x 183 cm)
- ☐ x4 ☐ PB 2 x 3 x 77" (5 x 7,6 x 196 cm)
- ☐ x2 ☐ PM 2 x 3 x 92-5/8" (5 x 7,6 x 235,3 cm)
- ☐ x2 ☐ PR 2 x 3 x 94-1/2" (5 x 7,6 x 240 cm)
- ☐ x4 ☐ x4 ☐ x4 7/16 x 2-1/2 x 24-3/4" (1,1 x 6,3 x 62,9 cm)
- ☐ x2 ☐ x4 7/16 x 2-1/2 x 48" (1,1 x 6,3 x 122 cm)

TRUSS

- ☐ x6 ☐ x4 ☐ x4 6 x 24" (15 x 61 cm)
- ☐ x6 ☐ x4 ☐ x4 ☐ CV 2 x 4 x 65-7/8" (5 x 10 x 167 cm)

TRIM

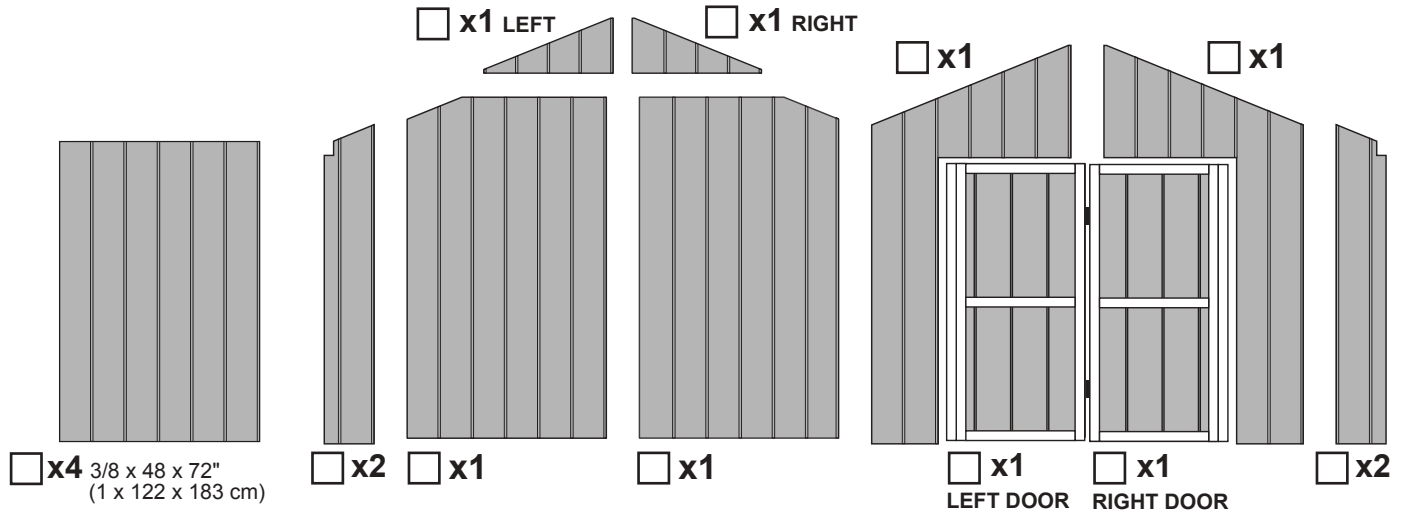
- ☐ x8 ☐ WNA 5/8 x 4 x 14" (1,6 x 10 x 35,6 cm)
- ☐ x4 ☐ CDD 2 x 3 x 58" (5 x 7,6 x 147,3 cm)
- ☐ x2 ☐ x2 ☐ x2 ☐ HS 1 x 3 x 94-3/4" (2,5 x 7,6 x 240,1 cm)
- ☐ x1 ☐ x1 ☐ x1 ☐ XMA 11/16 x 2-1/2 x 60-5/8" (1,7 x 6,3 x 154 cm)
- ☐ x1 ☐ GAA 1 x 3 x 5" (2,5 x 7,6 x 12,7 cm) USED AS A GAUGE BLOCK FOR 3/4" (19 mm) MEASUREMENT
- ☐ x4 ☐ GBB 1 x 3 x 7-1/2" (2,5 x 7,6 x 19 cm)
- ☐ x4 ☐ 3/4 x 5-1/8 x 8-3/8" (1,9 x 13 x 21,3 cm) RIGHT PAINTED RED LEFT PAINTED GREEN



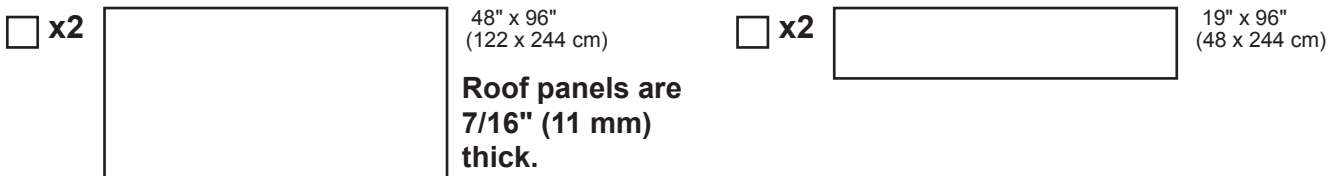
DOOR

- ☐ x2 ☐ OO 69" Door Stiffener (175,3 cm)
- ☐ x1 ☐ ZJ 5/8 x 3 x 72" (1,6 x 7,6 x 183 cm)

WALL PANEL & DOORS PARTS LIST



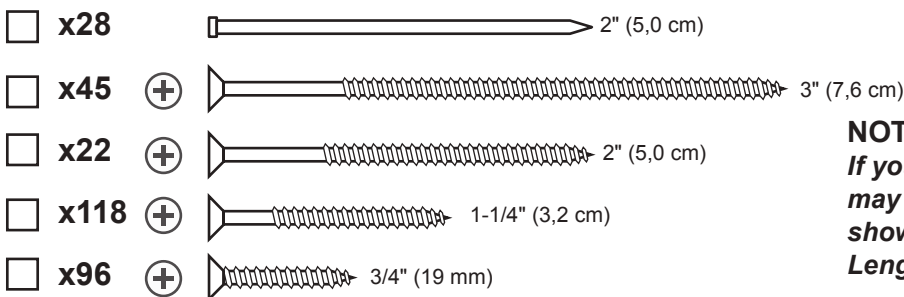
ROOF PANELS



SOFFIT PANELS



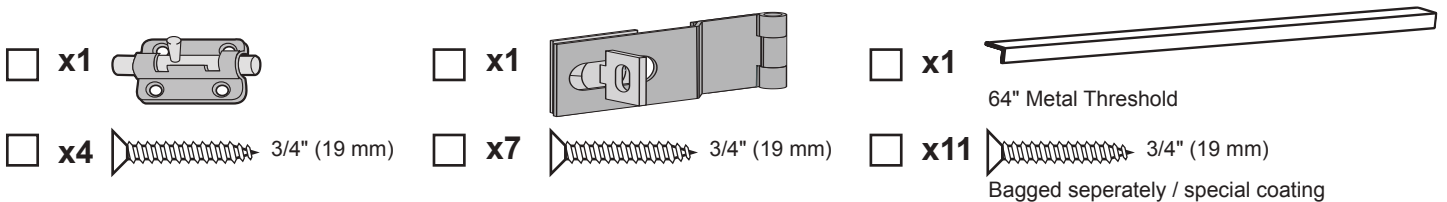
FASTENER/HARDWARE BAG (Shown Actual Size)



NOTE:

If you are using a nail gun, nails may be used where screws are shown for quicker assembly. Length of nail must match screw length.

DOOR HARDWARE (Not Actual Size)



ROOF PANELS

10 x 8'

☐ x2



48" x 96"
(122 x 244 cm)

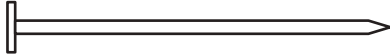
**Roof panels are
7/16" (11 mm)
thick.**

☐ x2



19" x 96"
(48 x 244 cm)

☐ x1



2" (5,0 cm) 1 lb. of 2" (5,0 cm)

10 x 12'

☐ x2



48" x 96"
(122 x 244 cm)

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

☐ x2



19" x 48"
(48 x 122 cm)

☐ x2



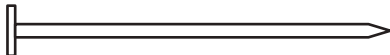
19" x 96"
(48 x 244 cm)

☐ x2



48" x 48"
(122 x 122 cm)

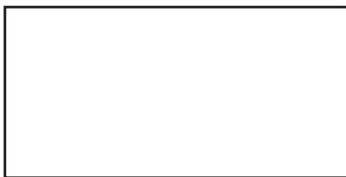
☐ x2



2" (5,0 cm) 1 lb. of 2" (5,0 cm)

10 x 16'

☐ x2



48" x 96"
(122 x 244 cm)

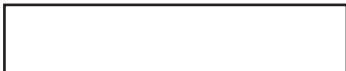
**Roof panels are
7/16" (11 mm)
thick.**

☐ x4



19" x 48"
(48 x 122 cm)

☐ x2



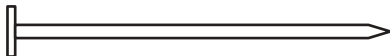
19" x 96"
(48 x 244 cm)

☐ x4



48" x 48"
(122 x 122 cm)

☐ x2



2" (5,0 cm) 1 lb. of 2" (5,0 cm)

NOTES


ADDITIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

- Your shed kit does not include a wood floor frame or floor panel materials.
- See page 8 for the additional floor panel sizes and quantities required.
- This shed does not include any leveling materials.
- See the FLOOR LEVELING section on page 10 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.

COMPLETING YOUR SHED

You will need these additional materials

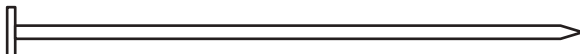
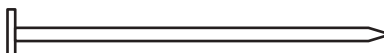
	10x8'	10x12'	10x16'		ALL SIZES
<input type="checkbox"/> 3-TAB SHINGLES (Bundles).....	4	6	8	<input type="checkbox"/> PAINT FOR TRIM 1 Quart Use 100% acrylic latex exterior paint.	
<input type="checkbox"/> PAINT FOR SIDING (Gallons)..... Use 100% acrylic latex exterior paint. (2) coats recommended.	1-1/2	2	2-1/2	<input type="checkbox"/> CAULK 2 Tubes Use acrylic latex exterior caulk that is paintable.	
<input type="checkbox"/> 1" GALVANIZED ROOFING NAILS (lbs). For shingles.	2	3	4	<input type="checkbox"/> 1" GALVANIZED ROOFING NAILS (lbs). For roofing felt.	

TO VALIDATE YOUR WARRANTY YOU MUST USE THE FOLLOWING:

	10x8'	10x12'	10x16'
<input type="checkbox"/> DRIP EDGE (Feet).....	40	50	60
<input type="checkbox"/> #15 ROOFING FELT (Sq ft. to cover).....	96	144	192

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

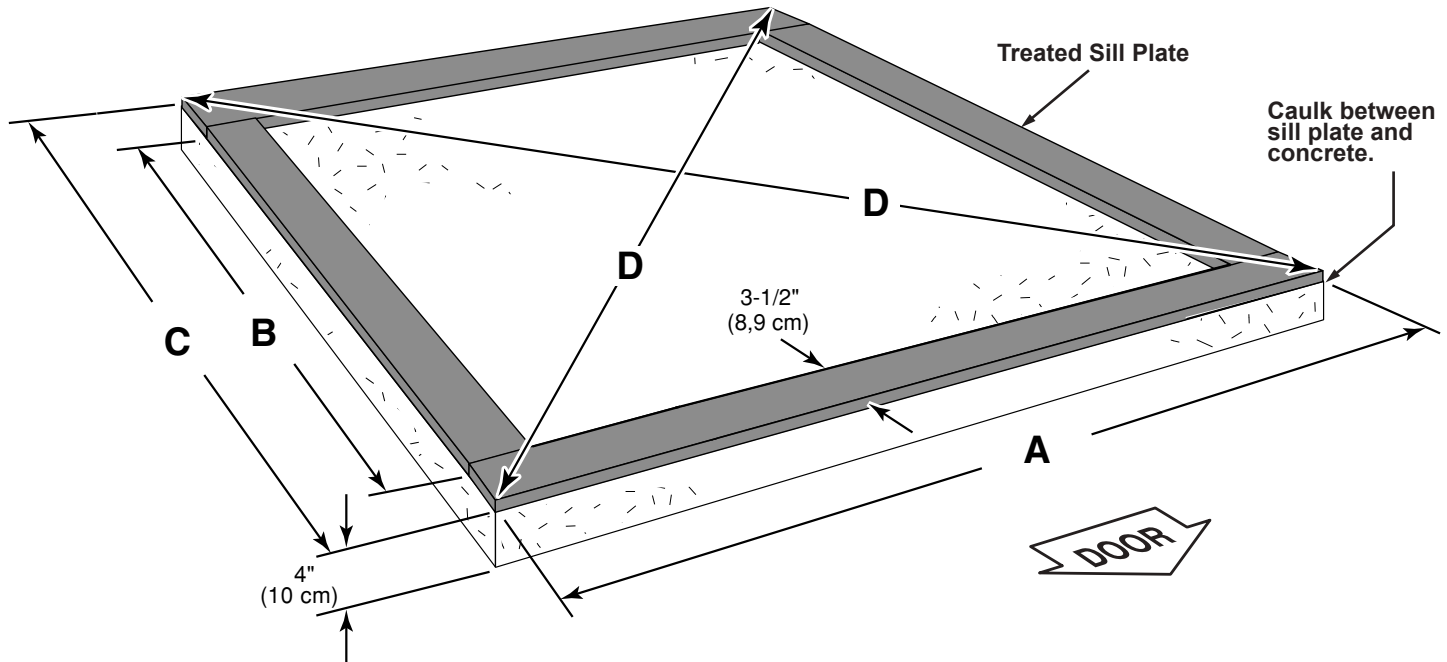
NAIL BOXES (Not included)

<input type="checkbox"/> x2 BOXES		3" (7,6 cm)	Shown actual size
<input type="checkbox"/> x4 BOXES		2" (5,0 cm)	

NOTES

CONCRETE FOUNDATION

If you choose to install your kit on a concrete slab refer to the diagram below. Attach the sill plates on the foundation as shown, and continue on to page 21.



Building Size	Actual Floor Size	A	B	C	D
10'x 8' (305 x 244 cm)	10'x 7'-8-5/8" (305 x 235 cm)	120" (305 cm)	85-5/8" (217 cm)	92-5/8" (235 cm)	151-1/2" (385 cm)
10'x 12' (305 x 366 cm)	10'x 11'-8-5/8" (305 x 357 cm)	120" (305 cm)	133-5/8" (339 cm)	140-5/8" (357 cm)	185" (470 cm)
10'x 16' (305 x 488 cm)	10'x 15'-8-5/8" (305 x 479 cm)	120" (305 cm)	181-5/8" (461 cm)	188-5/8" (479 cm)	224" (568 cm)

! MUST be treated lumber.

10' x 8' Building Requires:

☐ **x2** 2 x 4 x 10' (5 x 10 x 305 cm) ☐ **x2** 2 x 4 x 8' (5 x 10 x 244 cm)

10' x 12' Building Requires:

☐ **x2** 2 x 4 x 10' (5 x 10 x 305 cm) ☐ **x2** 2 x 4 x 8' (5 x 10 x 244 cm) ☐ **x2** 2 x 4 x 4' (5 x 10 x 122 cm)

10' x 16' Building Requires:

☐ **x2** 2 x 4 x 10' (5 x 10 x 305 cm) ☐ **x2** 2 x 4 x 8' (5 x 10 x 244 cm) ☐ **x2** 2 x 4 x 8' (5 x 10 x 244 cm)

☐ **x1 or 2** **Caulk** 

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

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


Purchase full length treated lumber, or butt shorter pieces end-to-end and seal seams with caulk.

• Use a high quality exterior grade caulk beneath all sill plates.




• Fasten 2 x 4" (5 x 10 cm) sill plates to slab using approved concrete anchors (**fasteners not included**).

• Check local code for concrete foundation requirements.





FLOOR FRAME (Not Included)

You may need treated 2 x 4" boards cut to size and nails to complete your floor.
Floor panel sizes and quantities are shown below.  **MUST** be treated lumber.





10 x 8'

- ☐ **x2**  2 x 4 x 48" (5 x 10 x 122 cm)
- ☐ **x2**  2 x 4 x 72" (5 x 10 x 183 cm)
- ☐ **x6**  2 x 4 x 89-1/2" (5 x 10 x 227 cm)

10 x 12'


- ☐ **x6**  2 x 4 x 45" (5 x 10 x 114,3 cm)
- ☐ **x4**  2 x 4 x 48" (5 x 10 x 122 cm)
- ☐ **x4**  2 x 4 x 72" (5 x 10 x 183 cm)
- ☐ **x6**  2 x 4 x 89-1/2" (5 x 10 x 227 cm)

10 x 16'



- ☐ **x4**  2 x 4 x 48" (5 x 10 x 122 cm)
- ☐ **x4**  2 x 4 x 72" (5 x 10 x 183 cm)
- ☐ **x6**  2 x 4 x 89-1/2" (5 x 10 x 227 cm)
- ☐ **x6**  2 x 4 x 93" (5 x 10 x 236,2 cm)

- ☐ **x1**  1 lb. of 3" (7,8 cm) Hot Dipped Galvanized Deck-Type Nails.





FLOOR PANELS (Not Included)

You may need floor panels and nails to complete your floor. Floor panel sizes and quantities are shown below.  Use a minimum of 5/8" (1,6 cm) Oriented Strand Board (OSB)

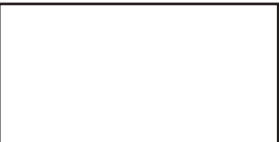



10 x 8'

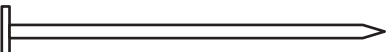
- ☐ **x2**  5/8 x 48 x 92-5/8" (1,6 x 122 x 235,3 cm)
- ☐ **x1**  5/8 x 23-7/8 x 92-5/8" (1,6 x 60,6 x 235,3 cm)

10 x 12'

- ☐ **x2**  5/8 x 48 x 92-5/8" (1,6 x 122 x 235,3 cm)
- ☐ **x2**  5/8 x 48 x 48" (1,6 x 122 x 122 cm)
- ☐ **x1**  5/8 x 23-7/8 x 48" (1,6 x 60,6 x 122 cm)
- ☐ **x1**  5/8 x 23-7/8 x 48" (1,6 x 60,6 x 122 cm)

10 x 16'

- ☐ **x2**  5/8 x 48 x 92-5/8" (1,6 x 122 x 235,3 cm)
- ☐ **x2**  5/8 x 48 x 96" (1,6 x 122 x 244 cm)
- ☐ **x1**  5/8 x 23-7/8 x 92-5/8" (1,6 x 60,6 x 235,3 cm)
- ☐ **x1**  5/8 x 23-7/8 x 96" (1,6 x 60,6 x 244 cm)

- ☐ **x1**  2" (5,0 cm) 1 lb. of 2" (5,0 cm) Hot Dipped Galvanized Box-Type Nails.

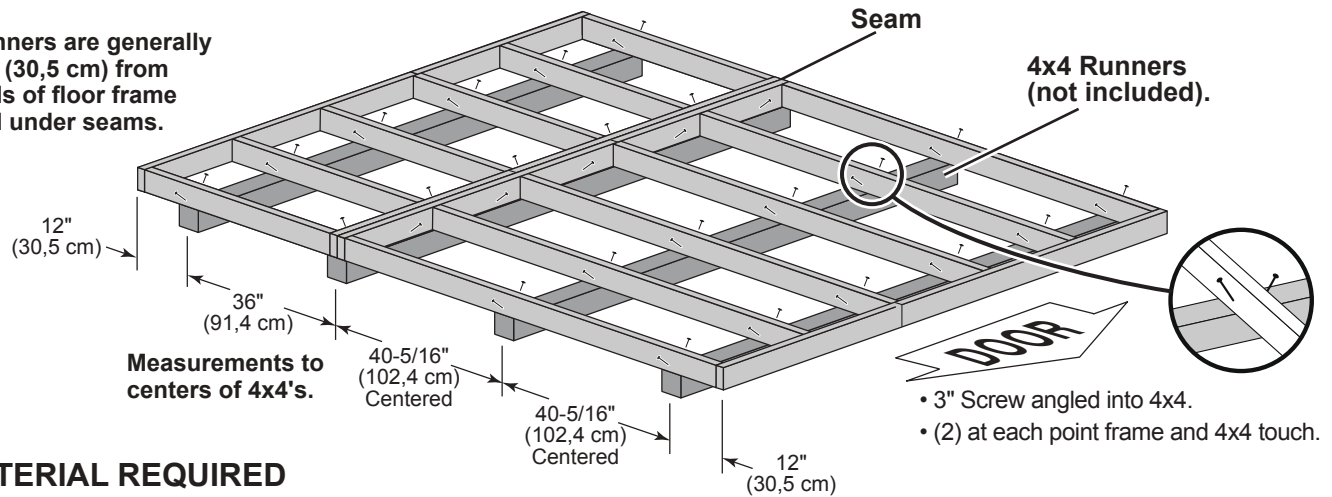
OPTIONAL WOOD FRAME FLOOR LEVELING OPTIONS

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

Leveling materials are not included in this kit.

PREFERRED METHOD - 4x4 TREATED RUNNERS (Typical for 10' x 12' Kit)

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

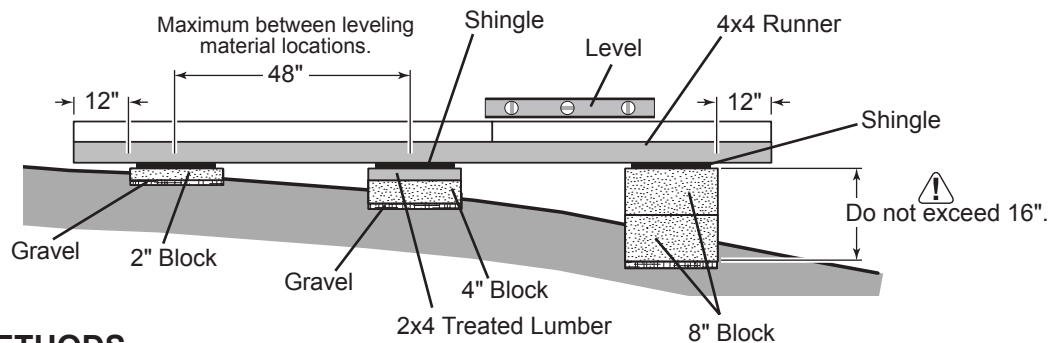


MATERIAL REQUIRED

- ☐ **x2 (10' x 8') 4" x 4" x 10' (10 x 10 x 305 cm) Treated Lumber**
- ☐ **x4 (10' x 12') 4" x 4" x 10' (10 x 10 x 305 cm) Treated Lumber**
- ☐ **x5 (10' x 16') 4" x 4" x 10' (10 x 10 x 305 cm) Treated Lumber**
- ☐ **Fasteners for Frame to 4"x 4".**
(3" Screws shown as one option.) Minimum (12 for each runner) 3" 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" from ends of runners and no more than 48" apart.
- Asphalt shingles should be used between 4x4 runners and blocks or treated lumber. Never use shingles in direct contact with ground.
- For best results and aiding in water drainage use gravel under each concrete block.

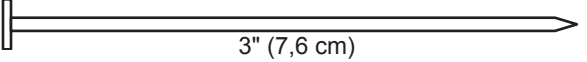
LEVELING MATERIALS

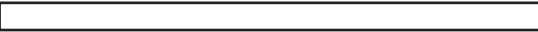
- ☐ Gravel
- ☐ Solid Masonry Blocks in 1", 2", 4" or 8" thickness
- ☐ 2x4 Treated Lumber
- ☐ Asphalt Shingles


! Leveling higher than 16" not recommended.


10' x 8' FLOOR FRAME (Not Included)

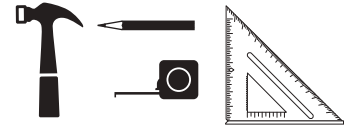
PARTS REQUIRED:

x28  3" (7,6 cm)

x2 
2 x 4 x 72" (5 x 10 x 183 cm) Treated Wood

x6 
2 x 4 x 89-1/2" (5 x 10 x 227 cm) Treated Wood

x2 
2 x 4 x 48" (5 x 10 x 122 cm) Treated Wood



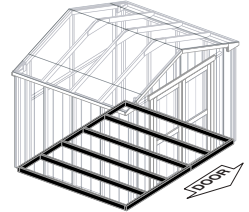
✓ BEGIN

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

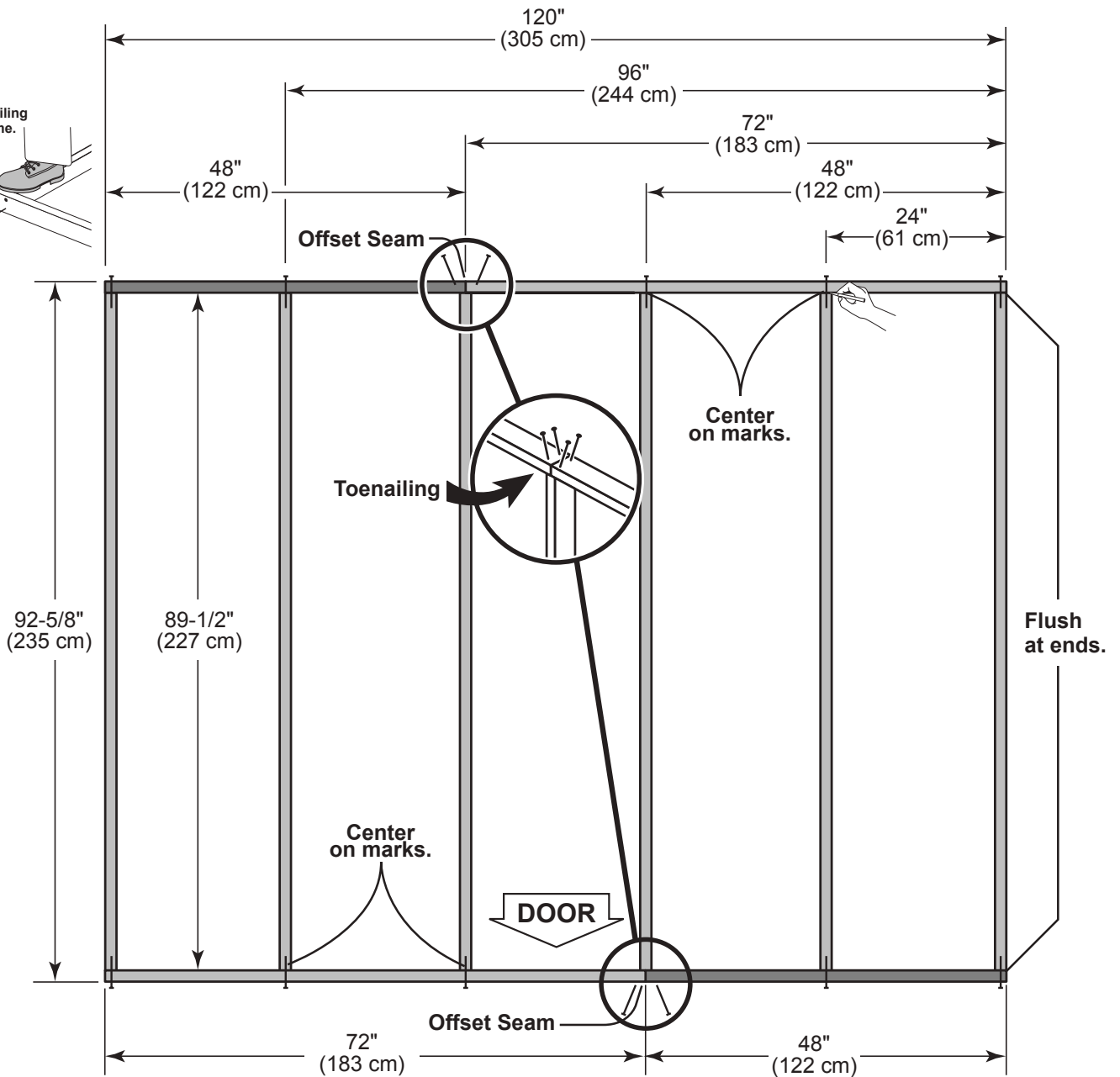
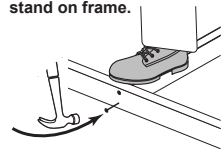
2 Use two 3" nails at each mark.

FINISH

3 You have finished your 10' x 8' floor frame. If building 10' x 8' kit go to page 13.
If building 10' x 12' kit go to page 11. If building 10' x 16' kit go to page 12.






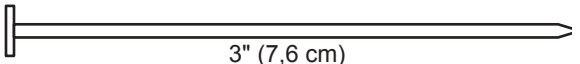
HINT:
For easier nailing
stand on frame.

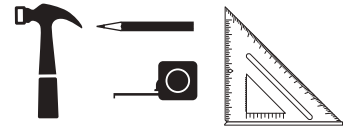


10 x 12' FLOOR FRAME (Not Included)

PARTS REQUIRED:

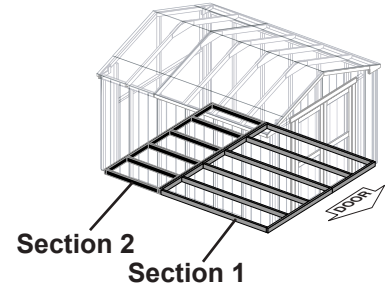
- x2** 
2 x 4 x 72" (5 x 10 x 183 cm)
- x2** 
2 x 4 x 48" (5 x 10 x 122 cm)
- x6** 
2 x 4 x 45" (5 x 10 x 114,3 cm)

x28  3" (7,6 cm)

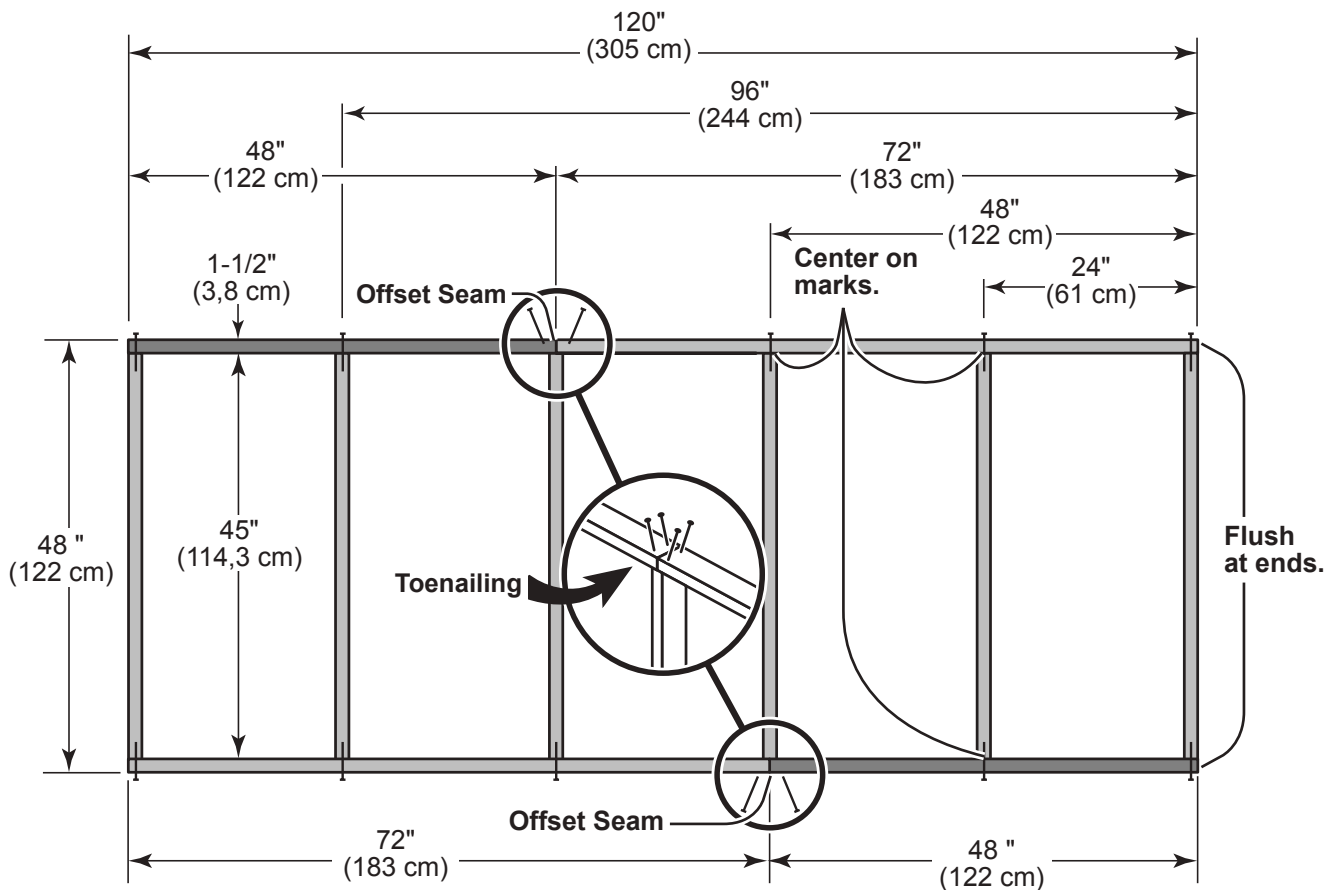
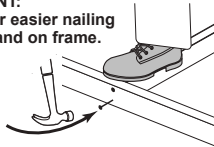


✓ **BEGIN** ⚠ You will build two floor sections.

- 1** Follow steps 1-3 on page 10 to build front 10' x 8' floor section 1.
- 2** Orient parts as shown on flat surface to build back section 2. Measure and mark each dimension from end of boards.
- 3** Use two 3" nails at each mark. Go to page 14.





HINT:
For easier nailing
stand on frame.




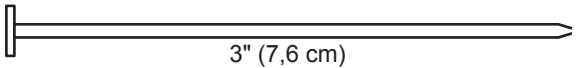
10 x 16' FLOOR FRAME (Not Included)

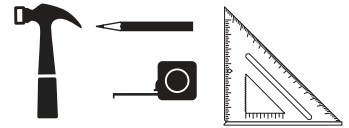
PARTS REQUIRED:

x2 
2 x 4 x 72" (5 x 10 x 183 cm)

x2 
2 x 4 x 48" (5 x 10 x 122 cm)

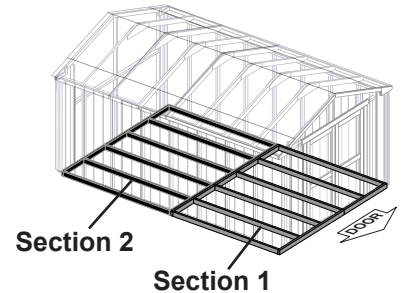
x6 
2 x 4 x 93" (5 x 10 x 236,2 cm)

x28  3" (7,6 cm)

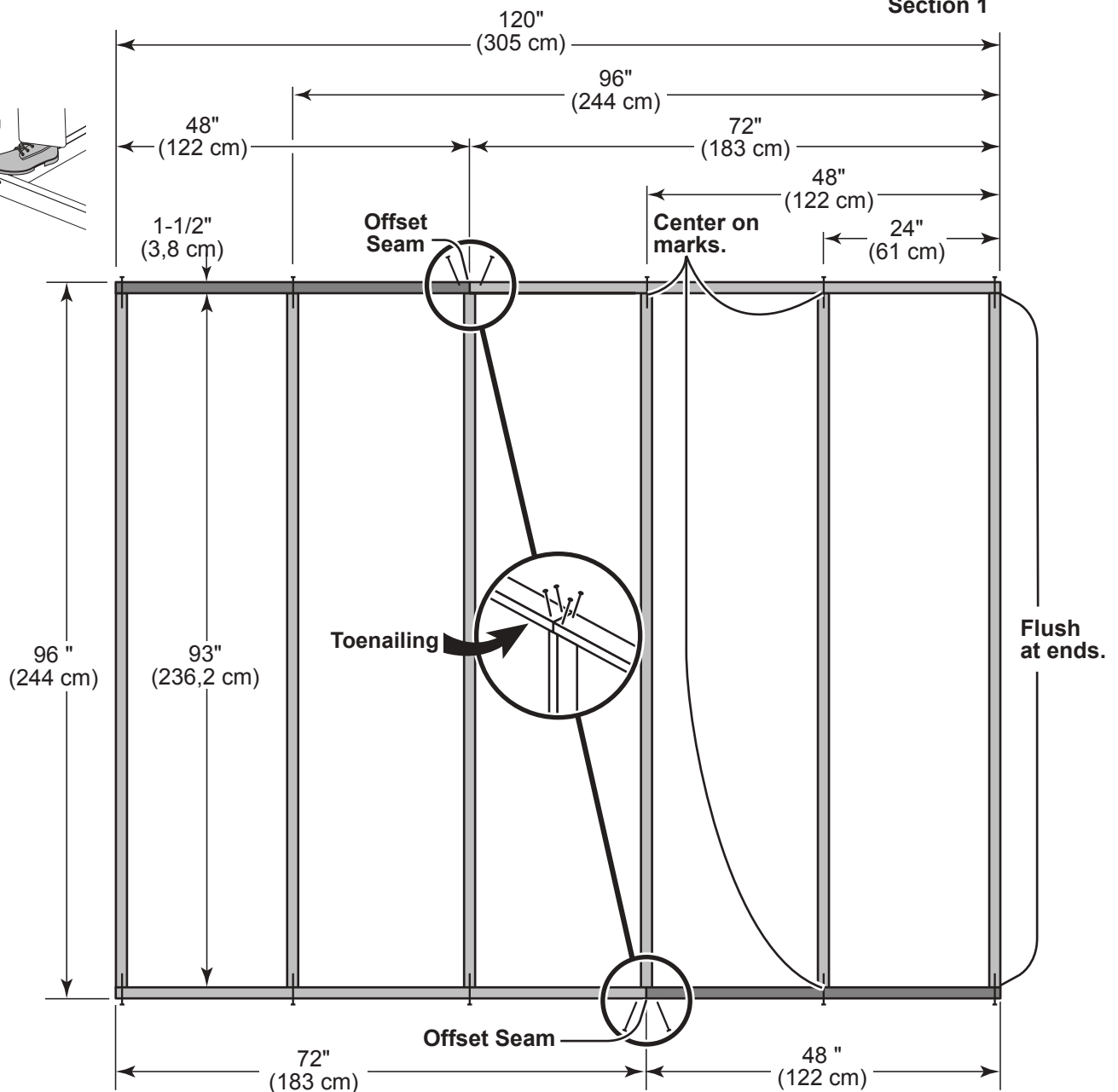


✓ **BEGIN** ⚠ You will build two floor sections.

- 1 Follow steps 1-3 on page 10 to build front 10' x 8' floor section 1.
- 2 Orient parts as shown on flat surface to build back section 2. Measure and mark each dimension from end of boards.
- 3 Use two 3" nails at each mark. Go to page 15.



HINT:
For easier nailing
stand on frame.



STOP!



LEVEL AND SQUARE FLOOR FRAME

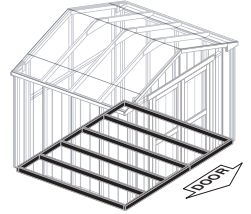


STOP!

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

✓ BEGIN

- 1 See page 9 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 151-1/2" (385 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. At the opposite end of the frame, secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square (**Fig. A**).



FINISH

- 5 Once the floor frame is level and square fasten the frame at each point the frame contacts the 4x4 runners. Use minimum of 12 screws for each runner. Go to page 16.

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

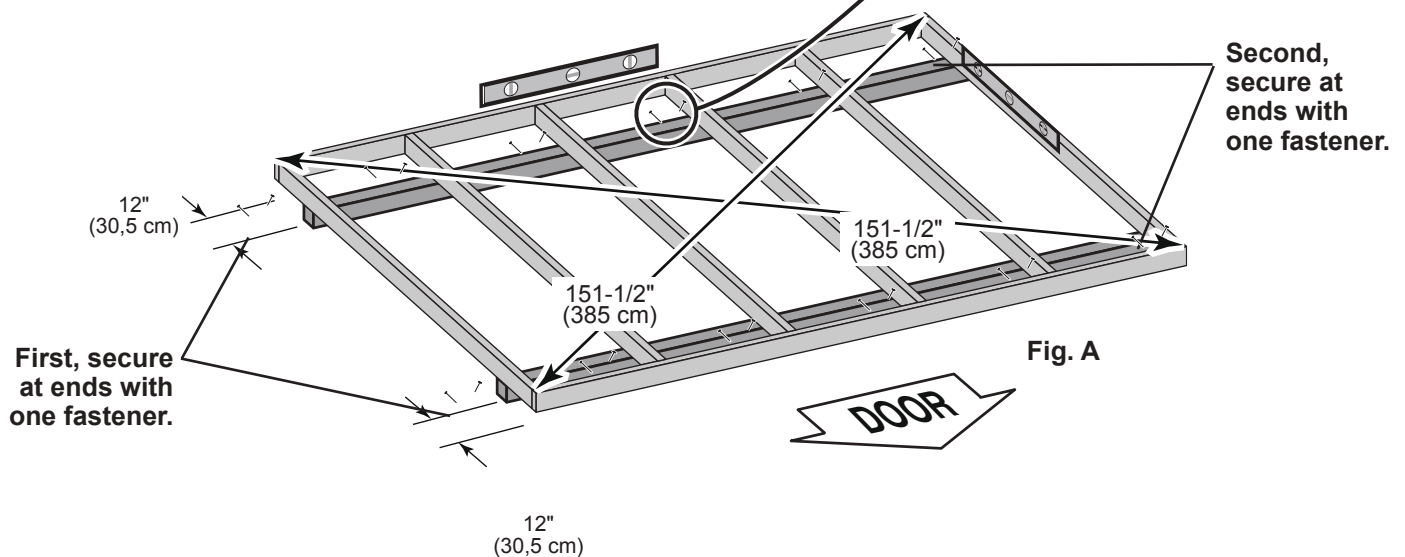
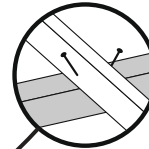
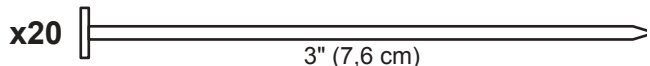


Fig. A

10 x 12' FLOOR FRAME (Not Included)

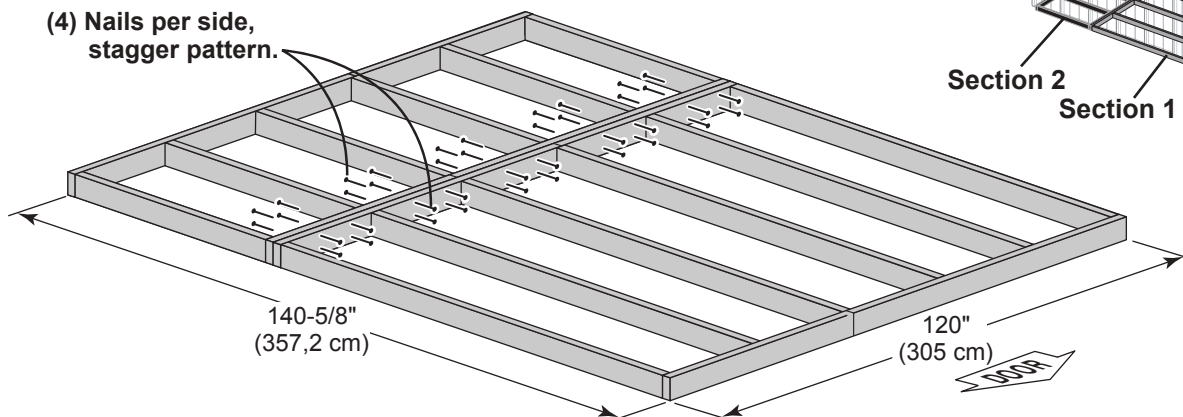


- 4 Put both floor sections together and attach as shown using 3" nails.



FINISH

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



Section 2
Section 1

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 185" (470 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. At the opposite end of the frame, secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square (**Fig. A**).



FINISH

- 5 Once the floor frame is level and square fasten the frame at each point the frame contacts the 4x4 runners. Go to page 16.

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

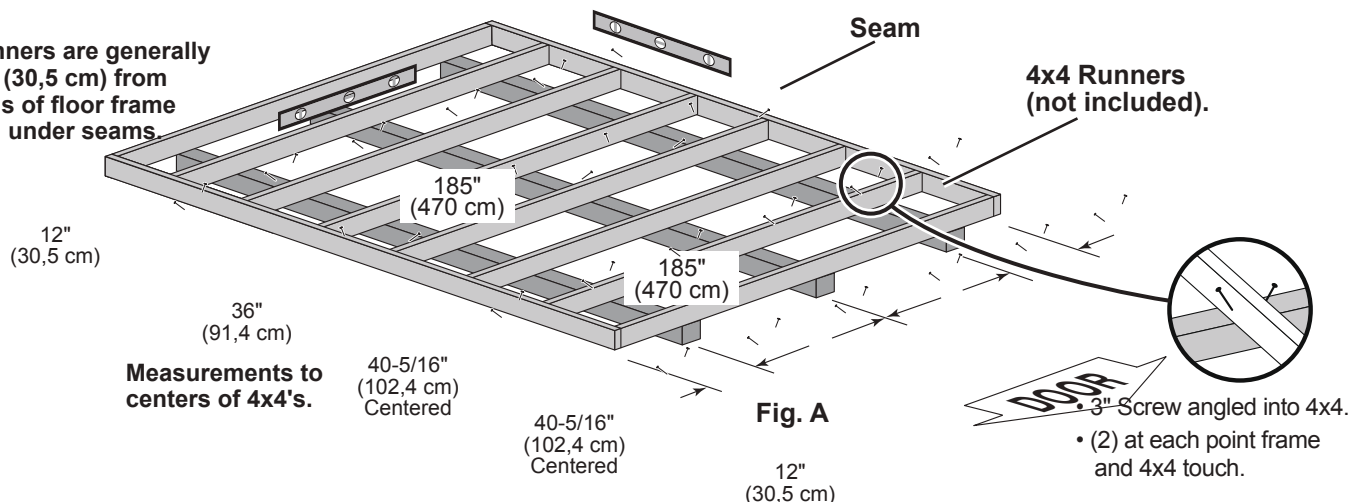
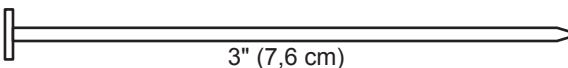


Fig. A

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

10 x 16' FLOOR FRAME (Not Included)

x20  3" (7,6 cm)



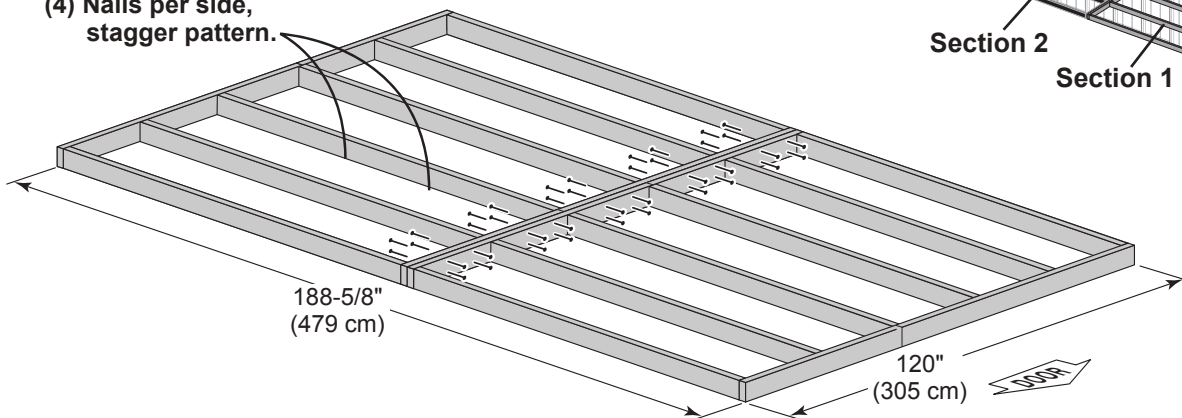
- 4 Put both floor sections together and attach as shown using 3" nails.



FINISH

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

(4) Nails per side,
stagger pattern.



Section 2

Section 1

STOP!




LEVEL AND SQUARE FLOOR FRAME



STOP!

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

✓ BEGIN

- 1  See page 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 224" (568 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. At the opposite end of the frame, secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square (**Fig. A**).



FINISH

- 5 Once the floor frame is level and square fasten the frame at each point the frame contacts the 4x4 runners. Continue on page 16.

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

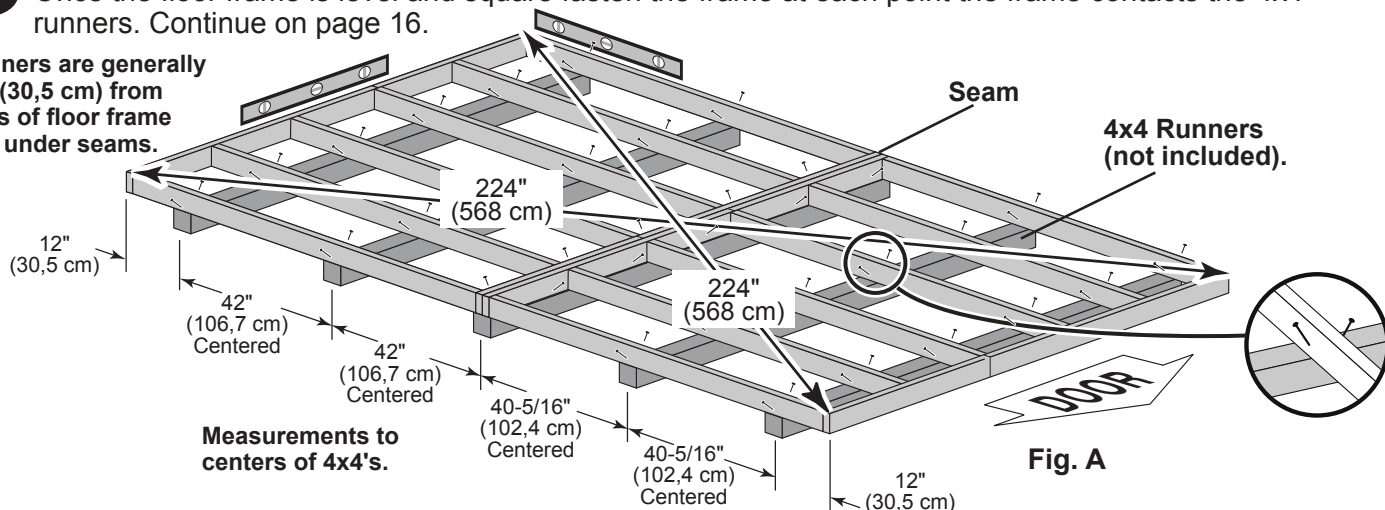
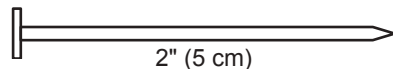


Fig. A

PARTS REQUIRED:

x95



x1



48" x 92-5/8"
(122 x 235,3 cm)

x1



5/8 x 23-7/8 x 92-5/8"
(1,6 x 61 x 235 cm)



FLOOR PANELS NOT INCLUDED. SEE PAGE 8 FOR PANEL SIZES AND QUANTITIES.

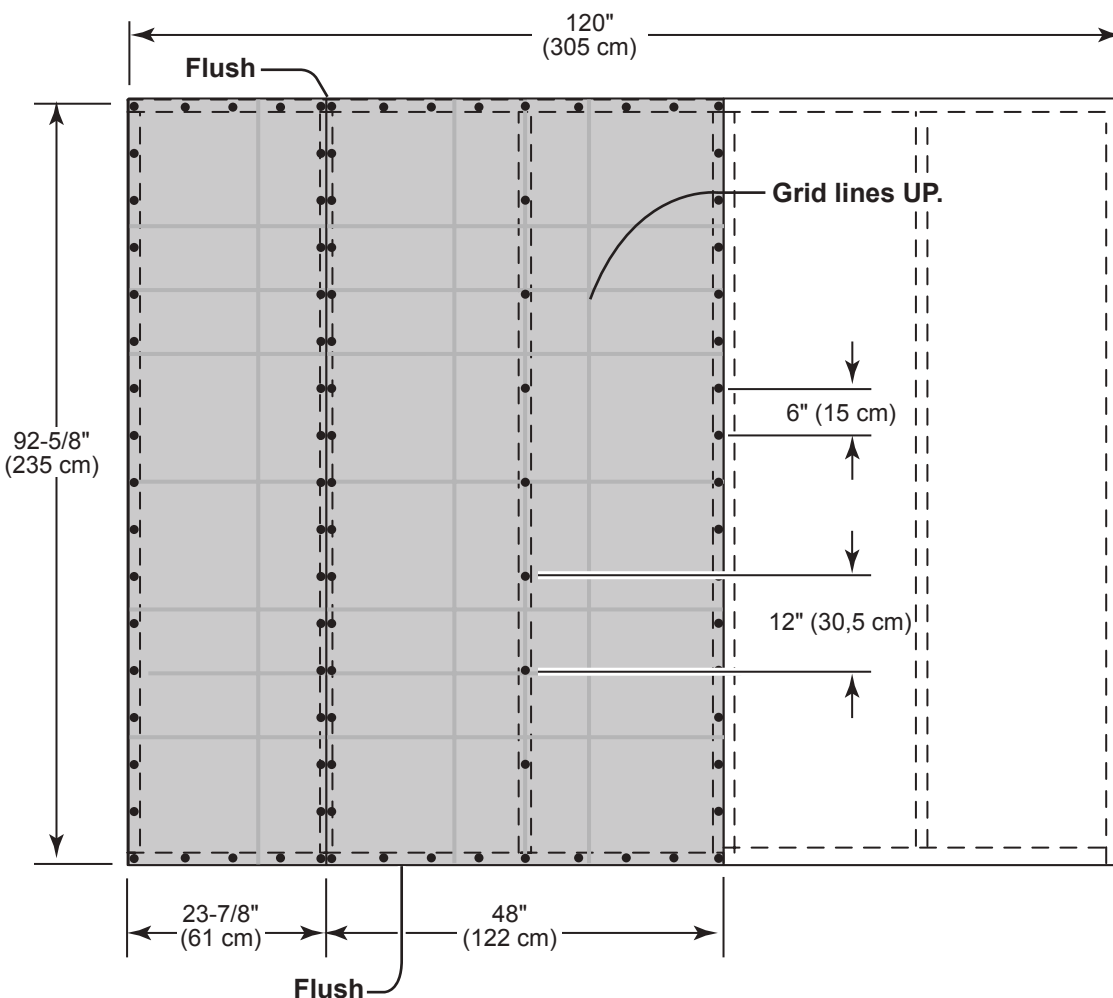
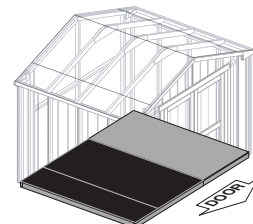


5 Continue installing panels with rough side up (painted grid lines).

6 Use a chalk line or grid lines on panels for 2" nails 6" apart on edges and 12" apart inside panel.



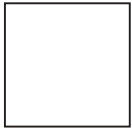
7 If building the 10' x 8' kit, you have finished installing your floor panels, and can continue at p. 22. If building the 10' x 12' kit continue at page 18. If building the 10' x 16' kit, continue at p. 20.



10' x 12' FLOOR PANELS (Not Included)

PARTS REQUIRED:

x1

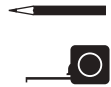
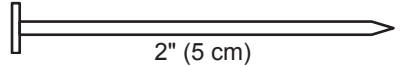


48" x 48"
(122 x 122 cm)



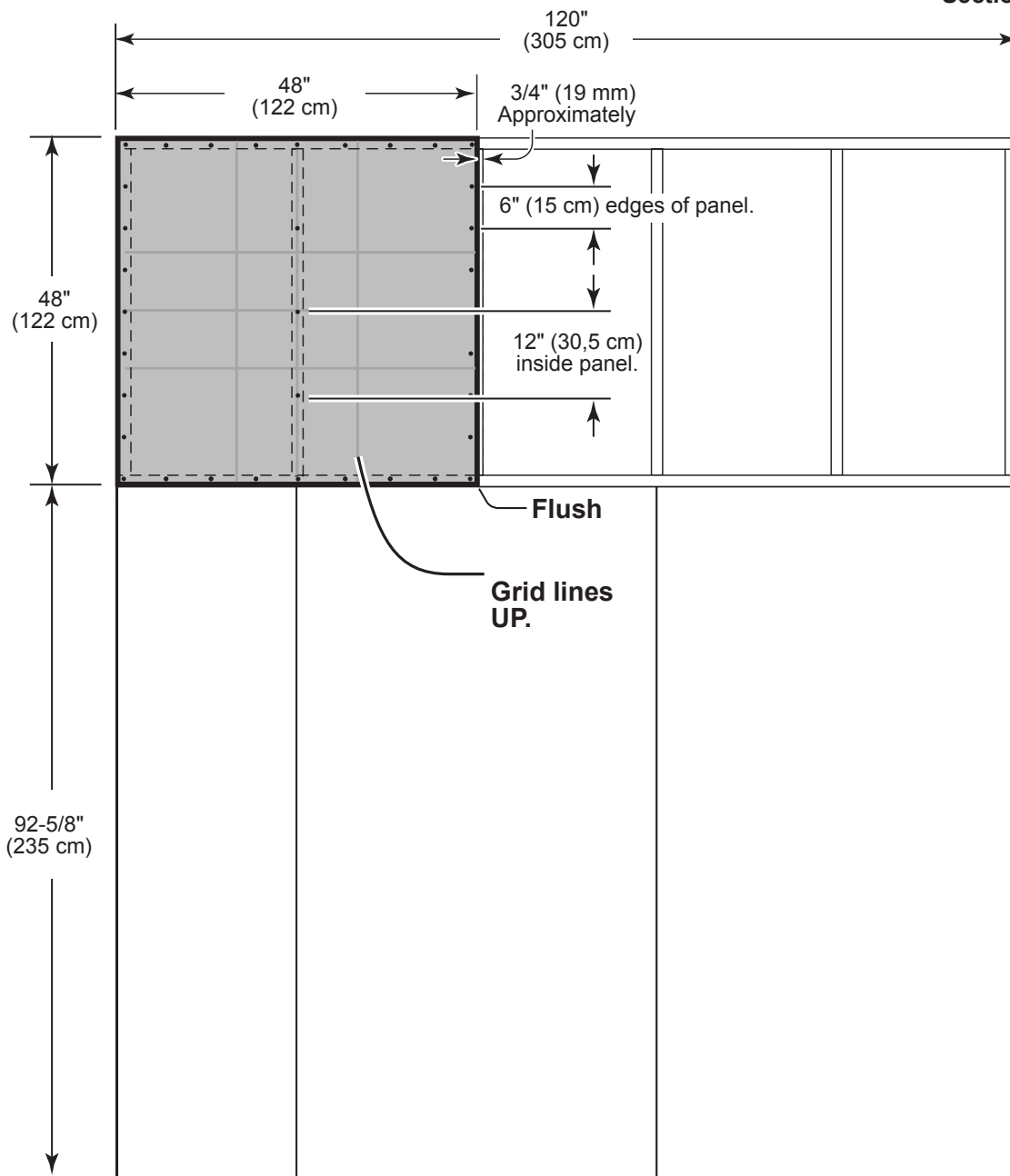
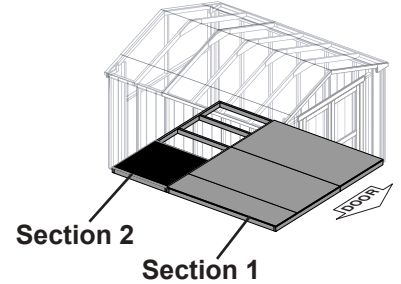
FLOOR PANELS NOT INCLUDED. SEE PAGE 8 FOR PANEL SIZES AND QUANTITIES.

x55



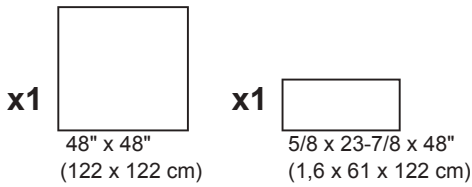
✓ BEGIN

- 1** Attach the 48 x 48" panel with the rough side up (painted-grid lines side) on Section 2 with the 48" edge and corner flush to the floor frame and Section 1.
- 2** Secure using 2" nails 6" apart on edges and 12" apart inside panel. Use a chalk line or use pre-painted grid lines to nail into joists under panel.

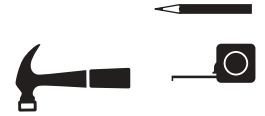
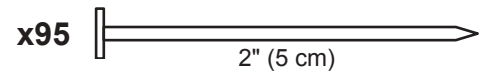


10' x 12' FLOOR PANELS (Not Included)

PARTS REQUIRED:



FLOOR PANELS NOT INCLUDED. SEE PAGE 8 FOR PANEL SIZES AND QUANTITIES.



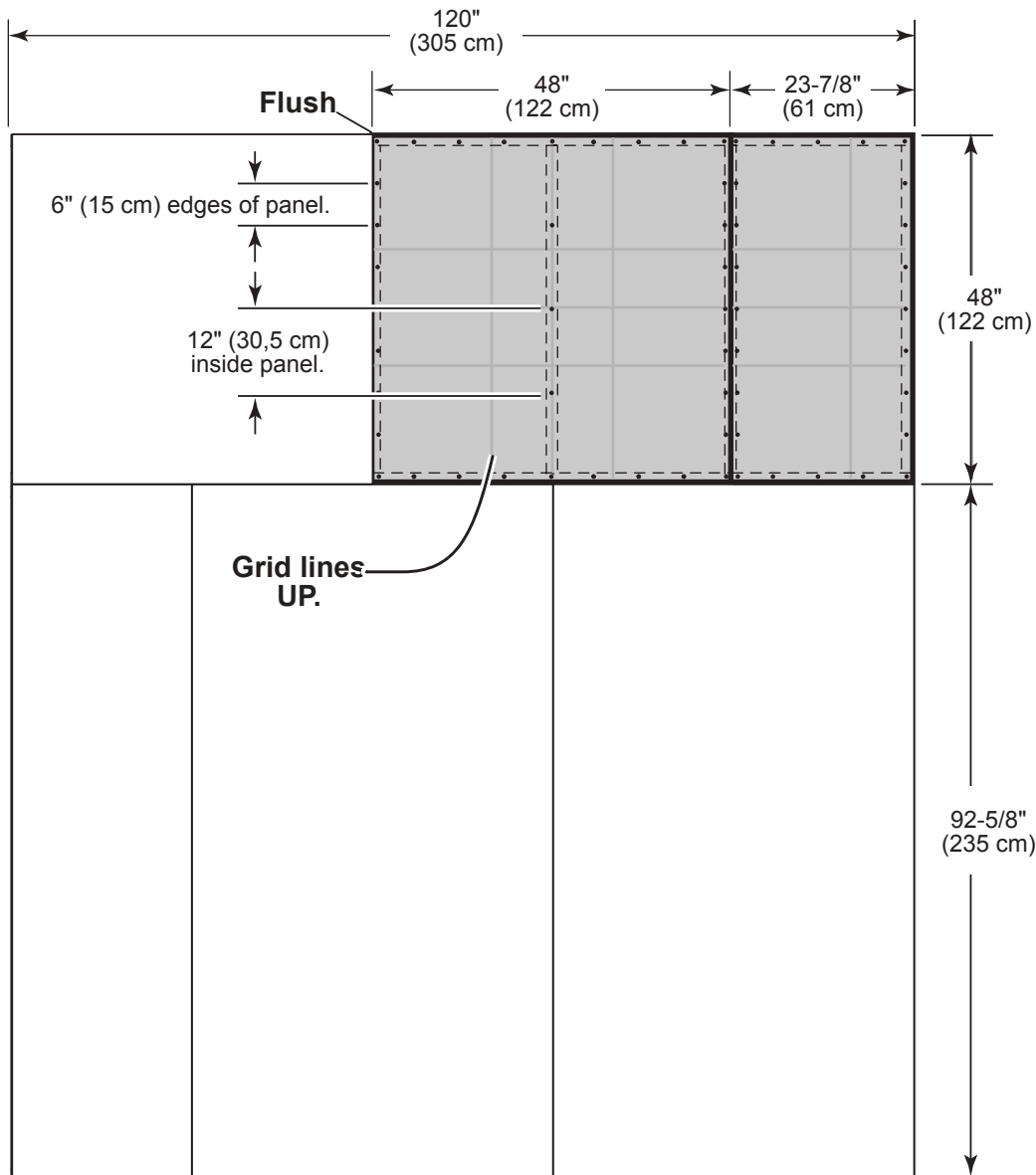
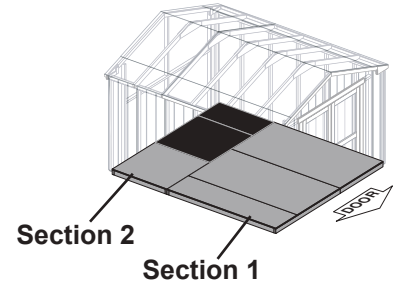
3 Continue installing panels with rough side up (painted grid lines) as shown.

4 Use a chalk line or grid lines on panels for 2" nails 6" apart on edges and 12" apart inside panel.



FINISH

5 You have finished Installing your floor panels. Continue on page 22.



10' x 16' FLOOR PANELS (Not Included)

PARTS REQUIRED:

x1

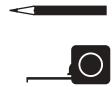
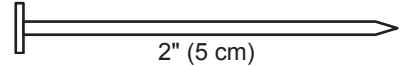


48" x 96"
(122 x 244 cm)



FLOOR PANELS NOT INCLUDED. SEE PAGE 8 FOR PANEL SIZES AND QUANTITIES.

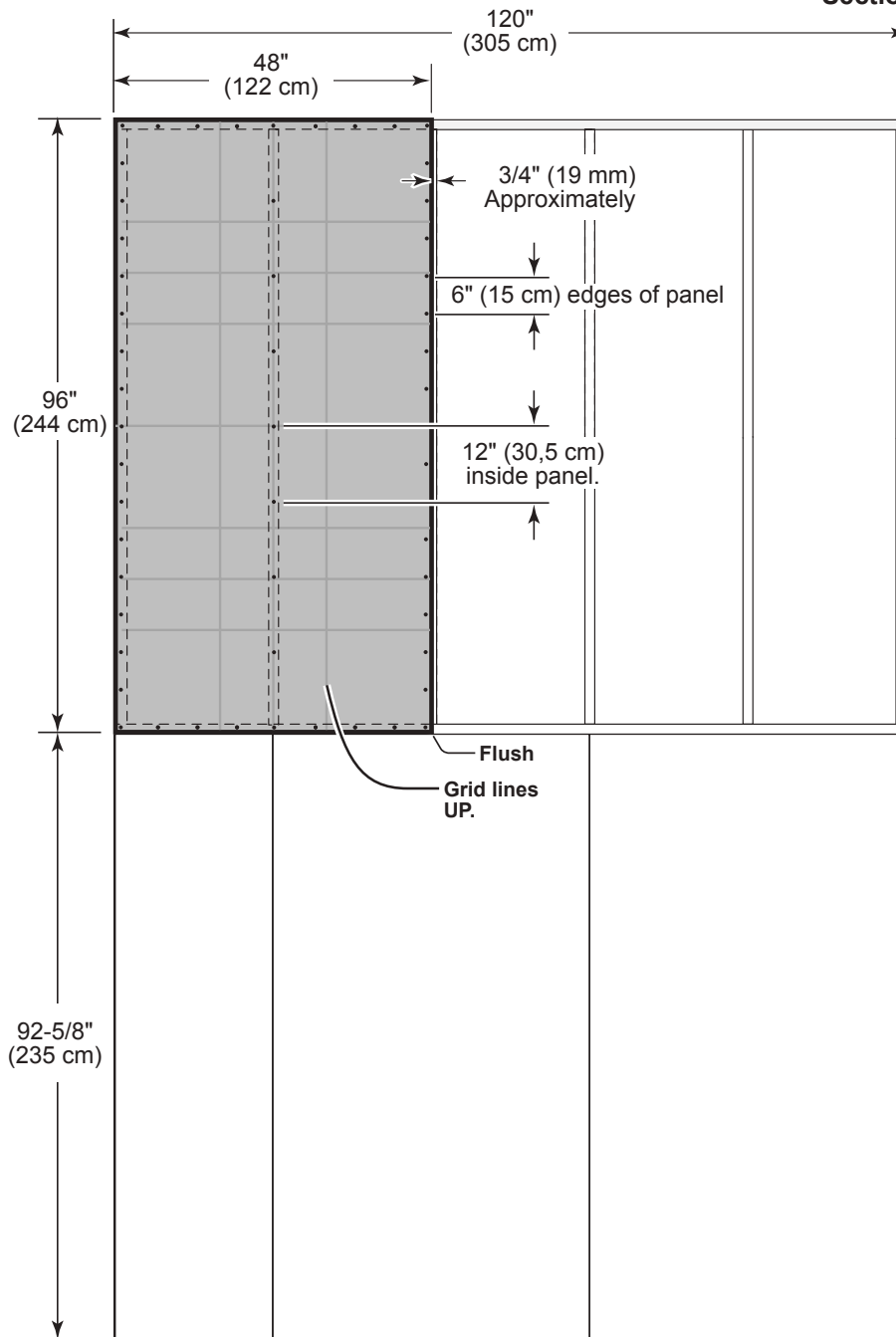
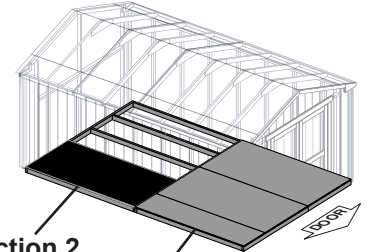
x55



✓ **BEGIN**

1 Position the 48 x 96" panel with the rough side up (painted-grid lines side) with the 96" edge and corner flush to the floor frame and Section 1.

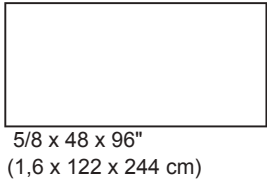
2 Secure the panel using 2" nails 6" apart on edges and 12" apart inside panel. Use a chalk line or use pre-painted grid lines to nail into joists under panel.



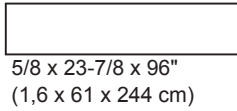
10' x 16' FLOOR PANELS (Not Included)

PARTS REQUIRED:

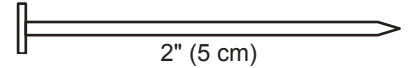
x1



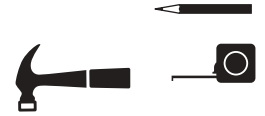
x1



x95



FLOOR PANELS NOT INCLUDED. SEE PAGE 8 FOR PANEL SIZES AND QUANTITIES.



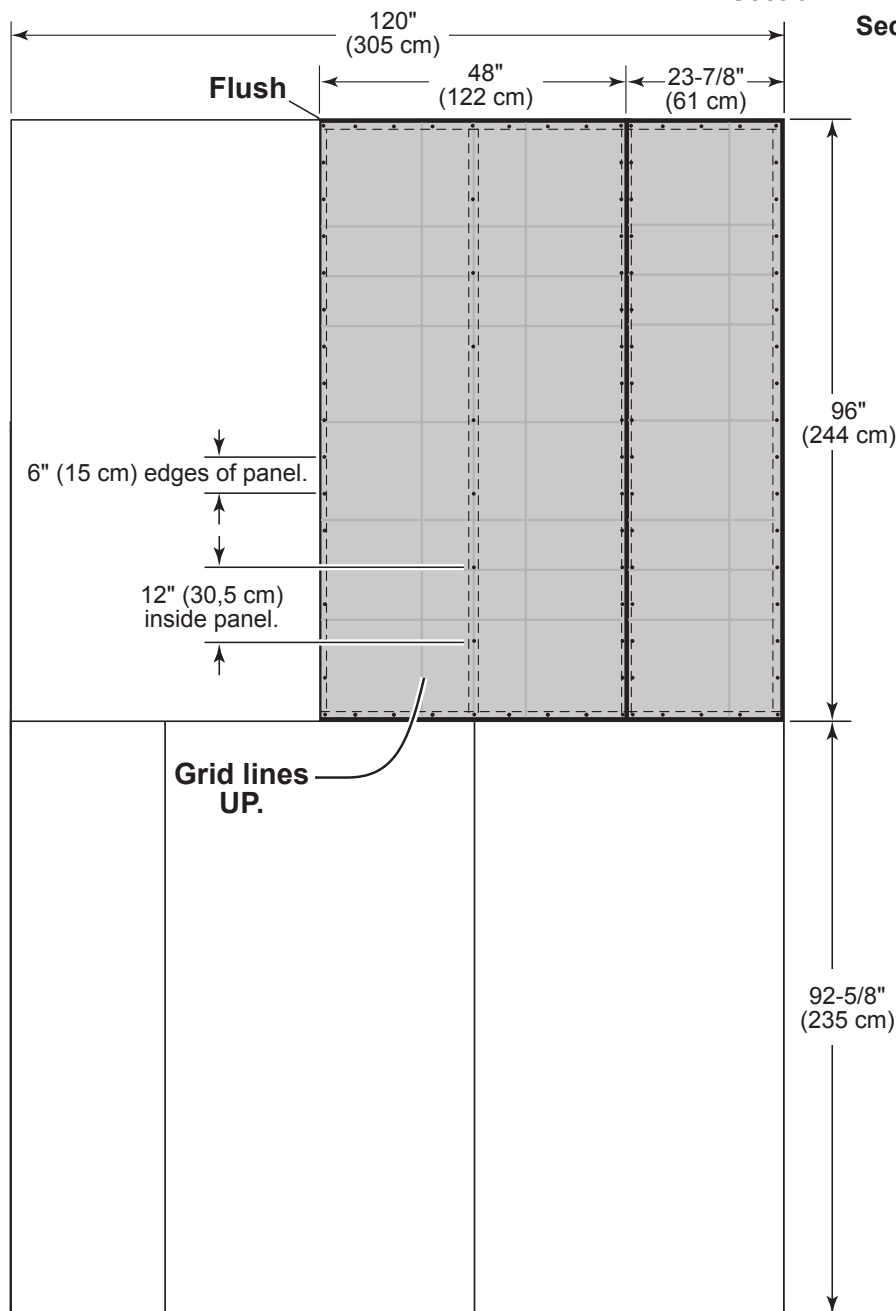
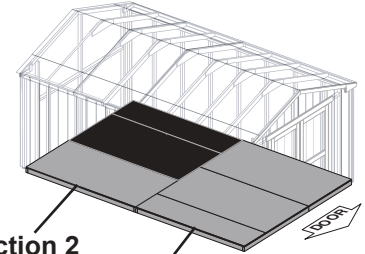
3 Continue installing panels with rough side up (painted grid lines).

4 Use a chalk line or grid lines on panels for 2" nails 6" apart on edges and 12" apart inside panel.



FINISH

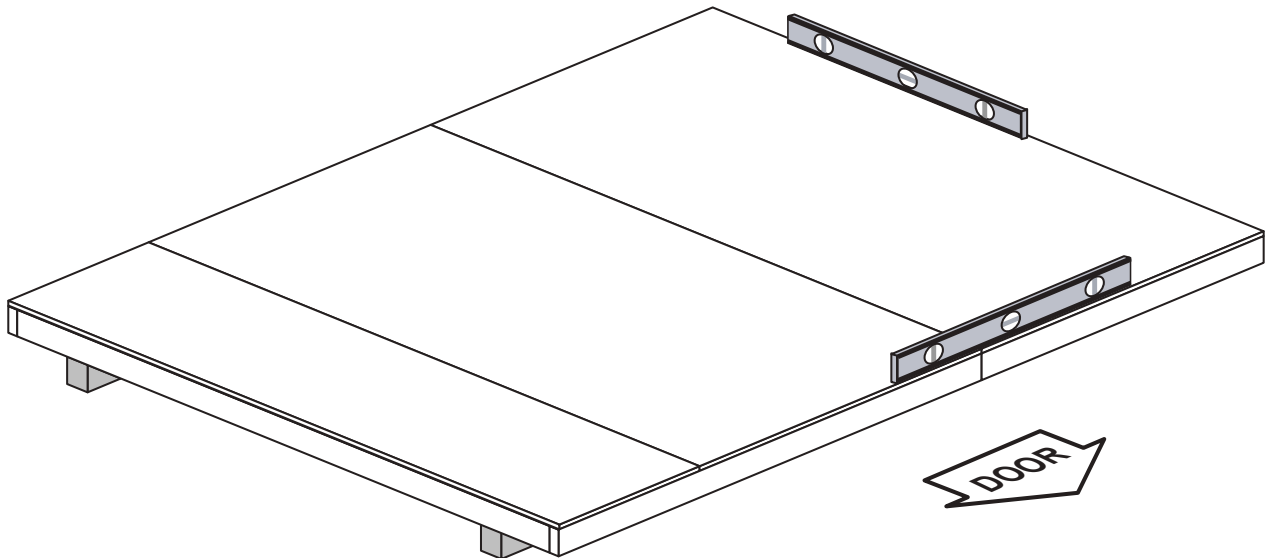
5 You have finished Installing your floor panels. Continue on page 22.



! IMPORTANT!



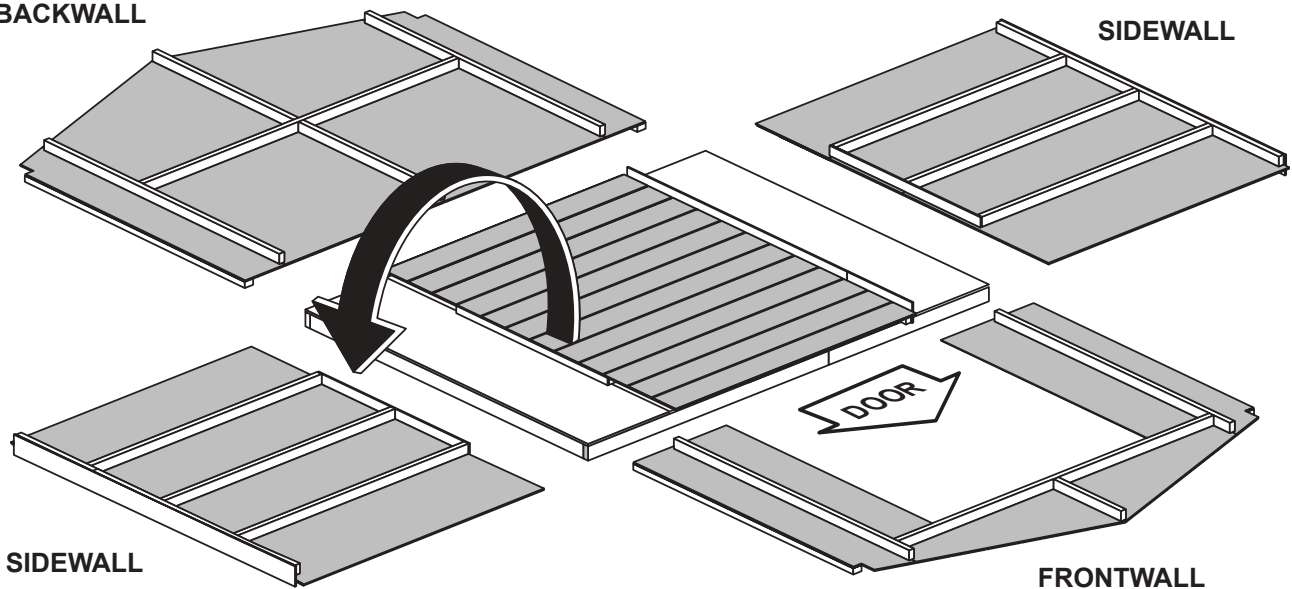
STOP! Check the floor frame is level after installing floor panels. Re-level if needed.



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

BACKWALL


SIDEWALL

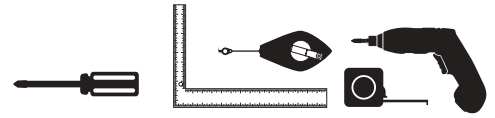


RAFTER ASSEMBLY JIG

PARTS REQUIRED:

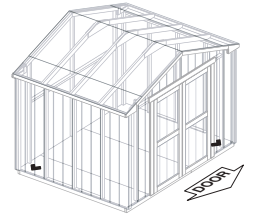
x4 **GBB** 1 x 3 x 7-1/2" (2,5 x 7,6 x 19 cm)

x8  1-1/4" (3,2 cm)



✓ BEGIN

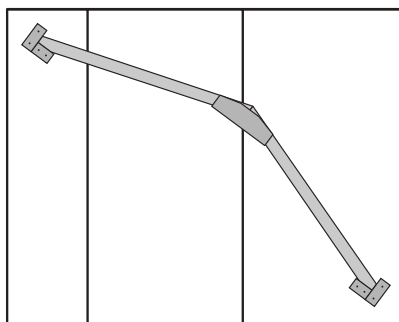
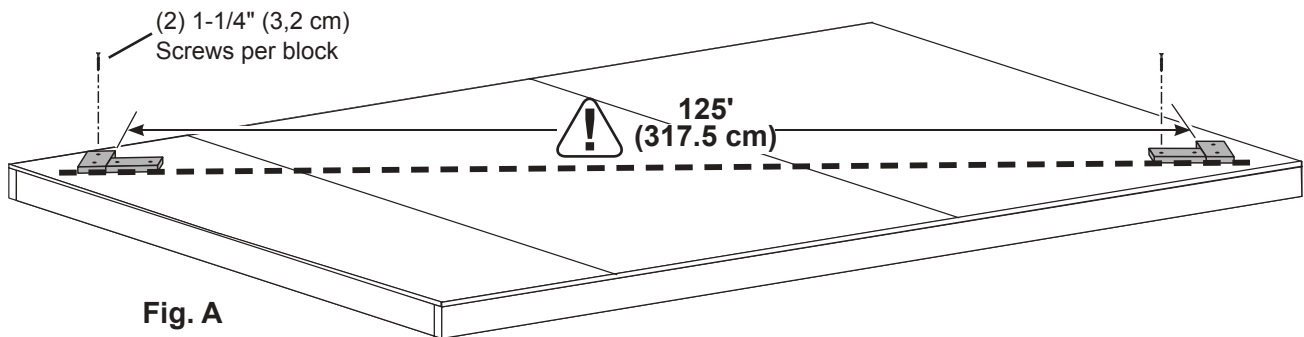
- 1 Build a **Jig** to ensure all **Rafters** are assembled the same.
- 2 Mark a straight line on the **Floor** from corner to corner (**Fig. A**) or on sill plates to fit measurements (**Fig. B**).
- 3 Screw blocks in place to measurement shown.



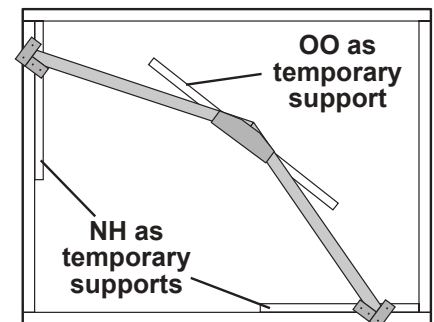
FINISH

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

- 4 You have finished building a **Rafter Jig**.

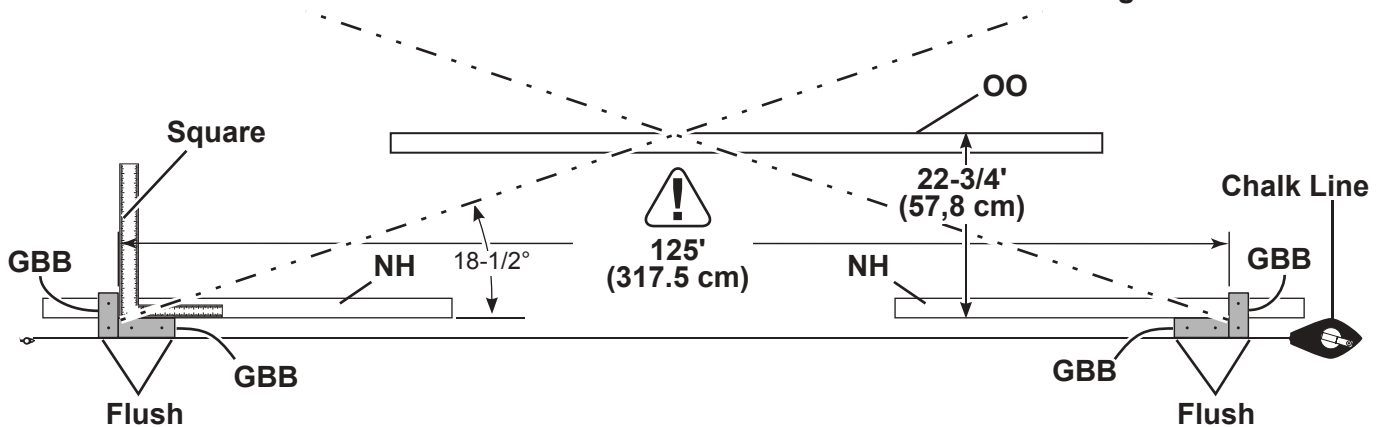


Rafter jig on wood floor



Rafter jig on concrete slab and sill plates


Fig. B

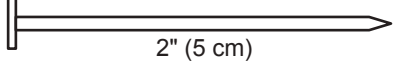


RAFTERS

PARTS REQUIRED:

x6/x10/x14  6 x 24" (15 x 61 cm)

x6/x10/x14  **CV**
2 x 4 x 65-7/8" (5 x 10 x 167 cm)

x72  2" (5 cm)



✓ **BEGIN**

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

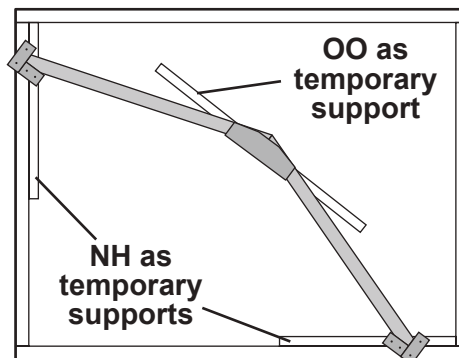
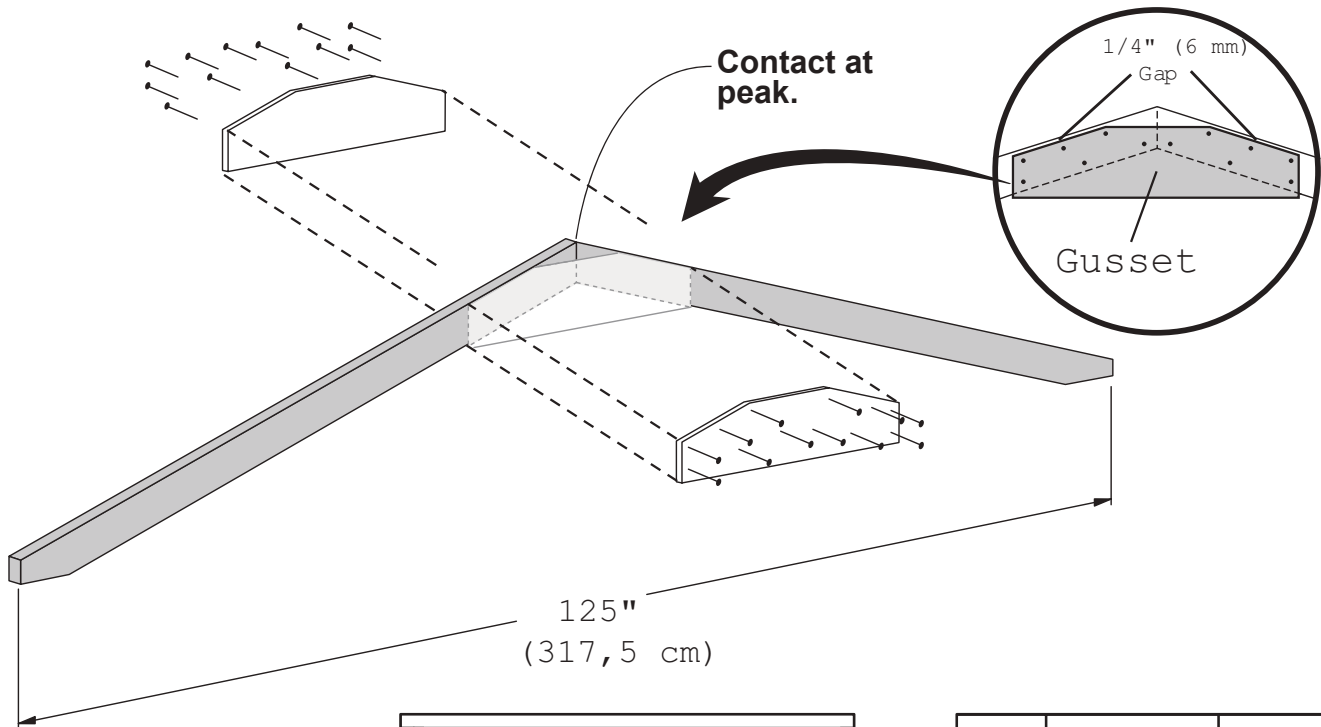
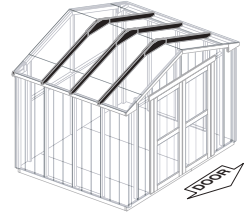
2 Nail gusset onto rafter using 2" nails, staggered, as shown.

3 Flip over rafter assembly and nail gusset to back side.

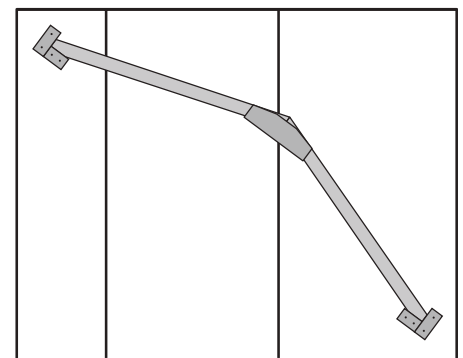
4 Repeat steps 1-3 to build two more assemblies for 10' x 8' Kit, four more assemblies for 10' x 12' Kit, or six more assemblies for 10' x 16' Kit.

◆ **FINISH**

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



Rafter jig on concrete slab and sill plates



Rafter jig on wood floor


BACK WALL FRAME

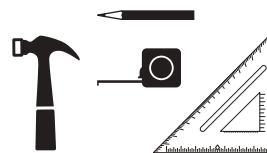
PARTS REQUIRED:

x1	NH
2 x 3 x 46-1/4" (5 x 7,6 x 117,5 cm)	

x2 **PB**
2 x 3 x 77" (5 x 7,6 x 196 cm)

x1	PR
	2 x 3 x 94-1/2" (5 x 7,6 x 240 cm)

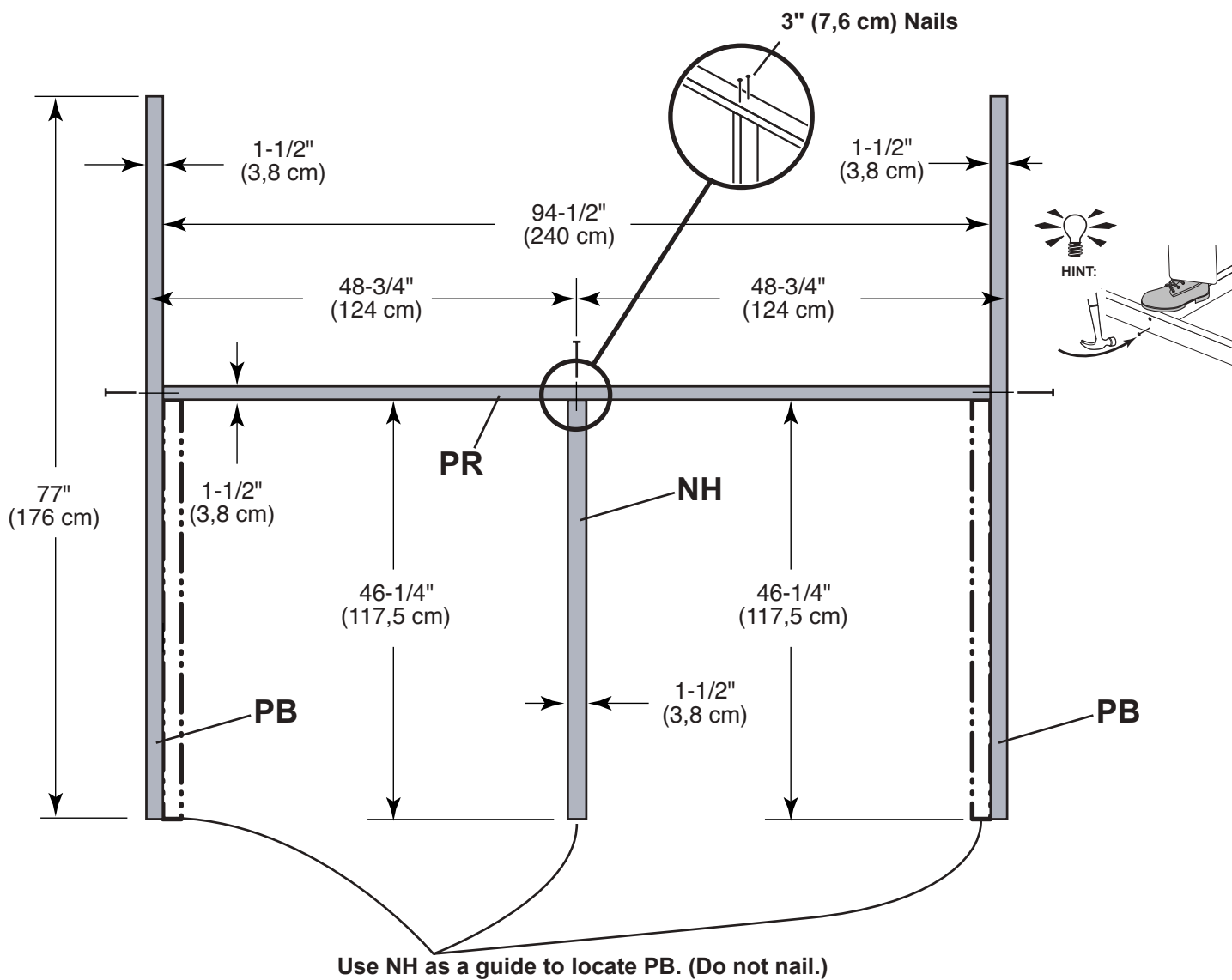
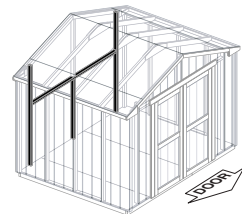
x6  3" (7,6 cm)



✓ BEGIN

- 1** Orient parts on edge on floor as shown.

- 2** Nail using two 3" nails at each connection.

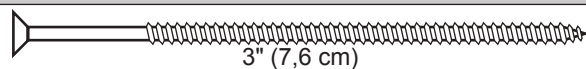


BACK WALL FRAME

PARTS REQUIRED:

x1 **NH**
2 x 3 x 46-1/4" (5 x 7,6 x 117,5 cm)

x2



3" (7,6 cm)



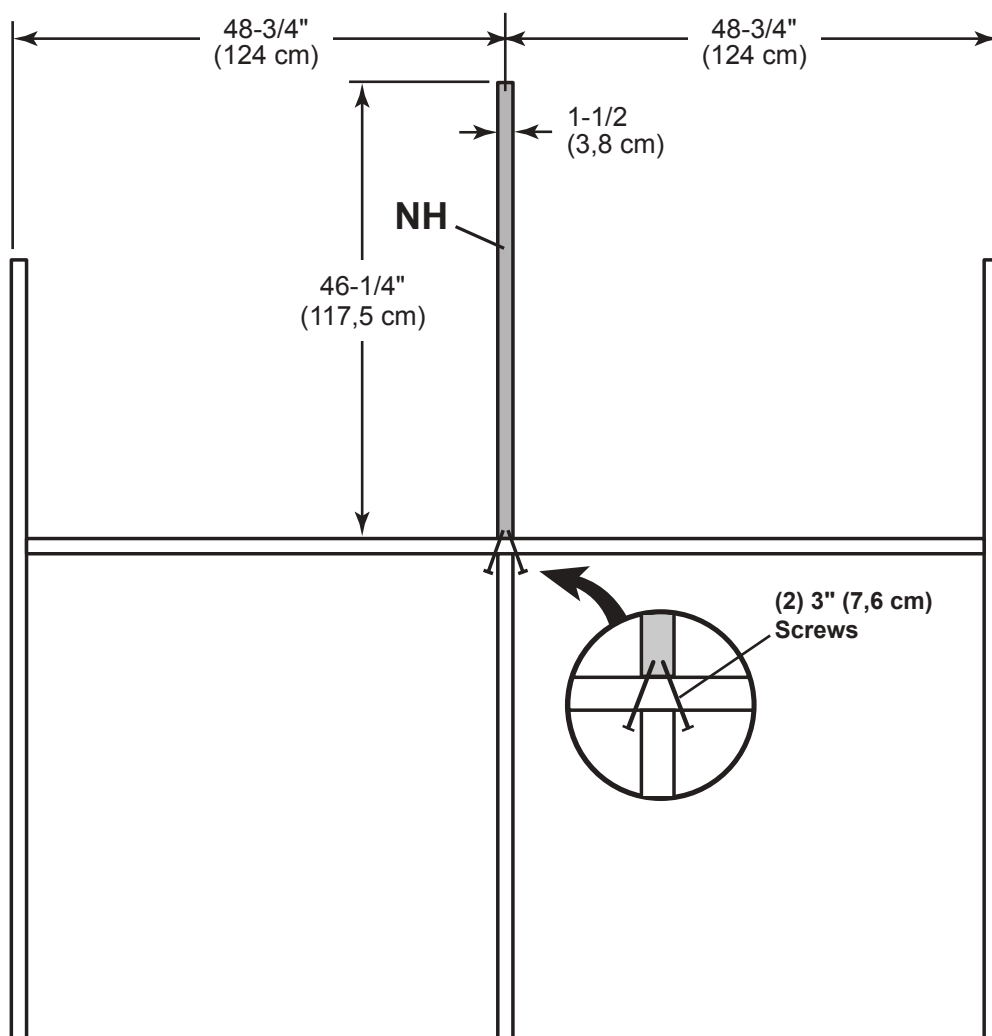
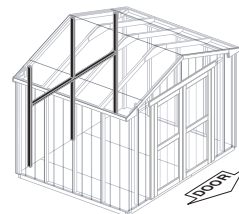
3 Orient parts on edge on floor as shown.

4 Use two 3" screws at middle connection.



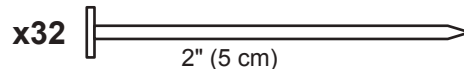
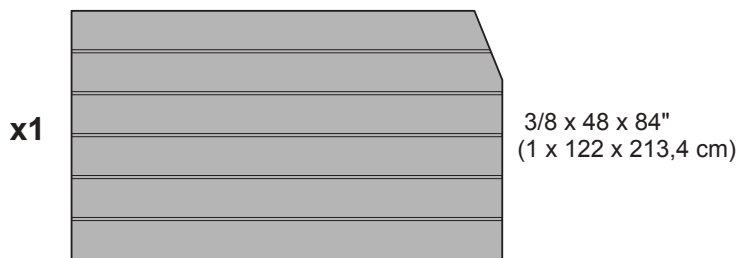
FINISH

5 You have finished building your back wall frame.



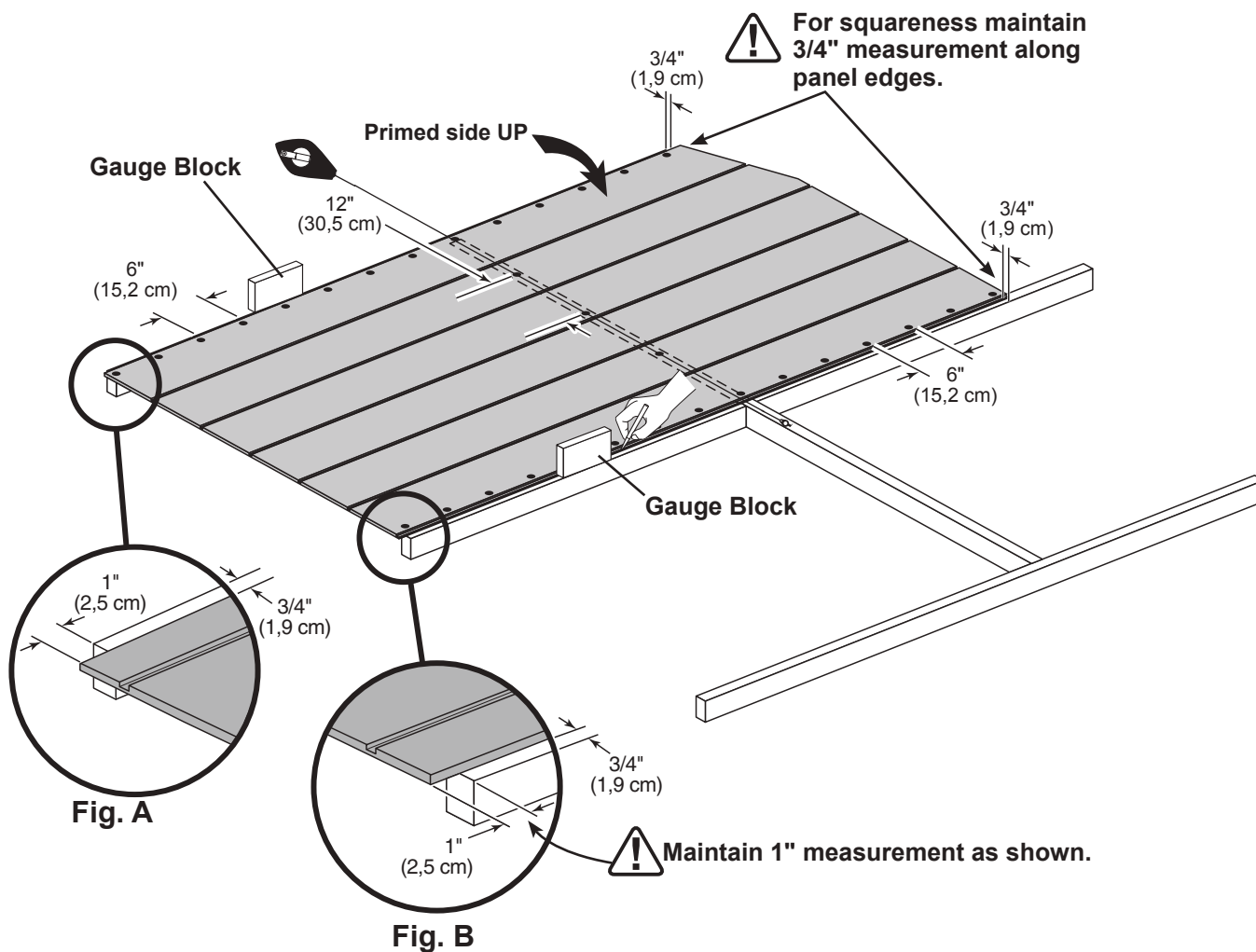
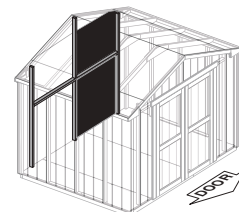
BACK WALL PANELS

PARTS REQUIRED:



✓ BEGIN

- 1 Place **LEFT** panel on back frame as shown with primed side facing up.
- 2 Use a 3/4" gauge block at edges of panel.
- 3 Nail using 2" nails 6" apart on edges and 12" apart inside panel.



BACK WALL PANELS

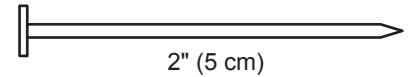
PARTS REQUIRED:



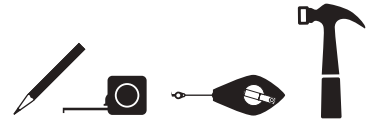
x1

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

x32



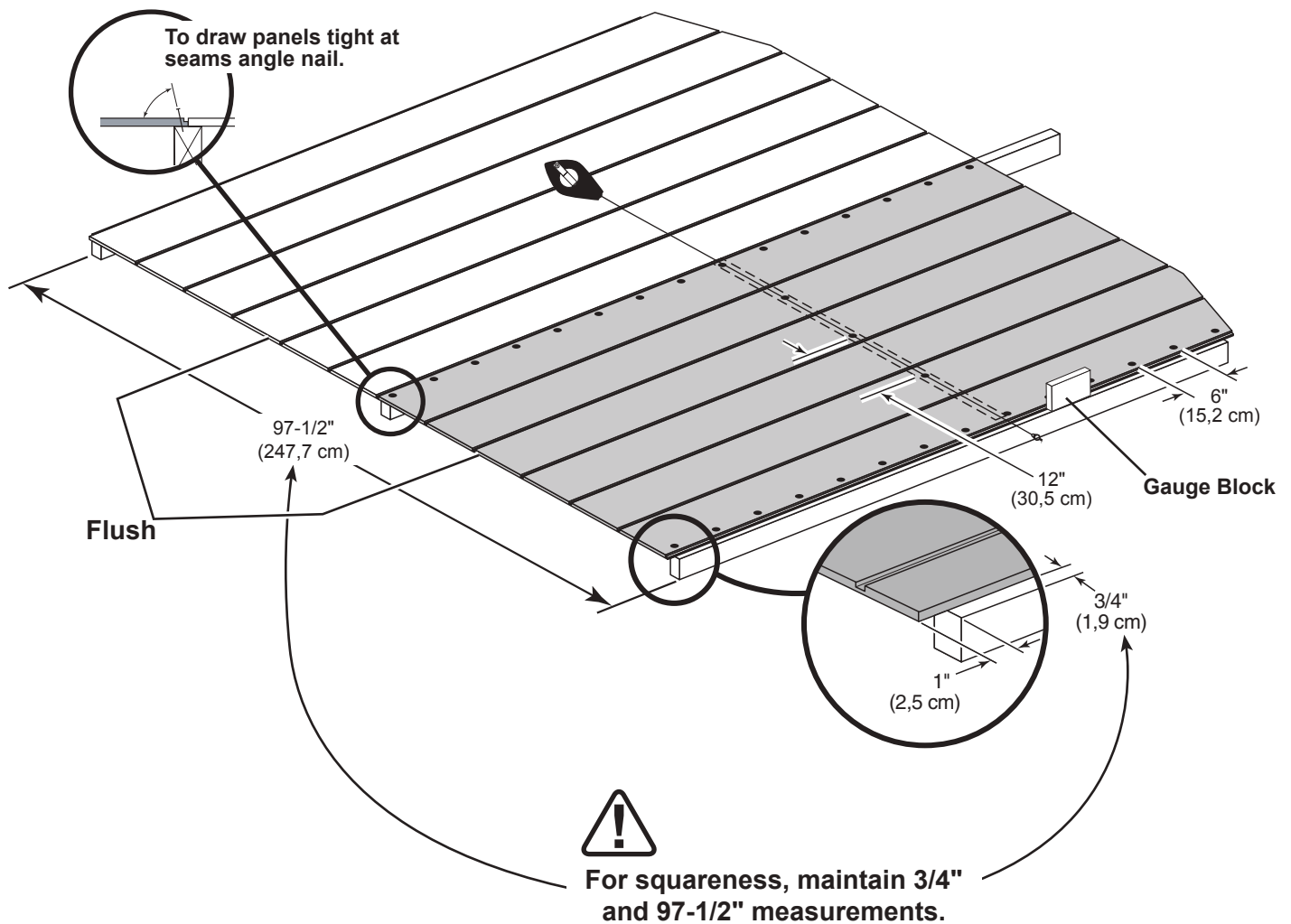
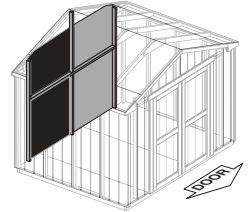
3/4" GAUGE
BLOCK



4 Place **RIGHT** panel on back frame as shown with primed side facing up.

5 Use a 3/4" gauge block at edges of panel.

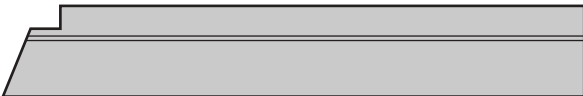


6 Nail using 2" nails 6" apart on edges and 12" apart inside panel.




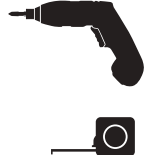
7 You have finished attaching your back wall panels

WING WALL PANELS


PARTS REQUIRED:

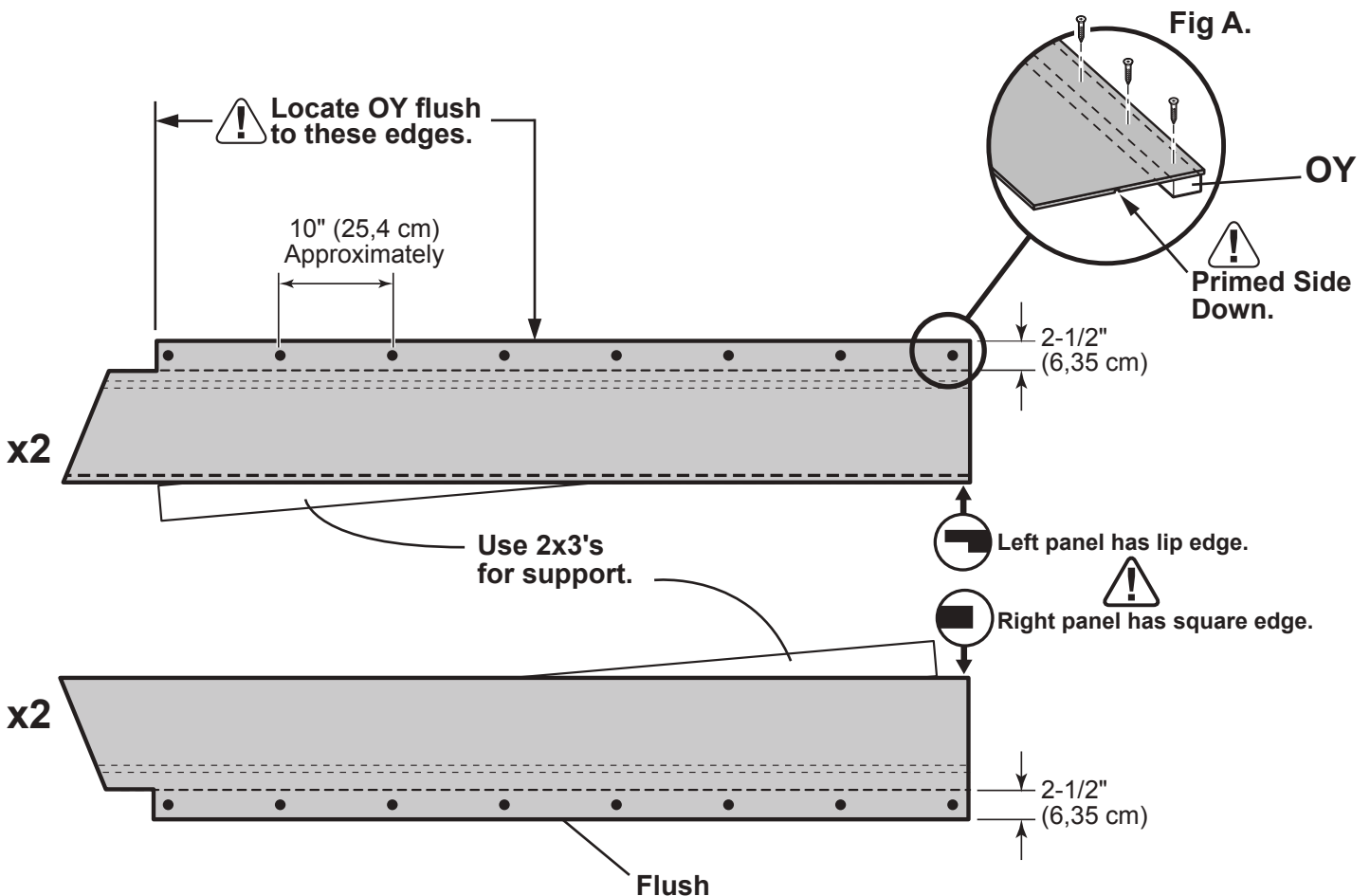
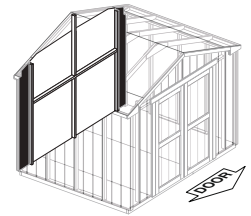
- x2  RIGHT
- x2  LEFT
- x4  OY
2 x 3 x 72" (5 x 7,6 x 183 cm)

x32  1-1/4" (3 cm)



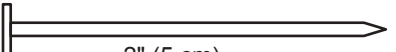
✓ BEGIN

- 1 You will assemble **TWO RIGHT** and **TWO LEFT** wing walls.
- 2 Place **OY** on floor.  Place a wing wall panel primed side down onto OY (Fig. A) and flush to panel edges as shown.
- 3 Secure flush to edges using eight 1-1/4 screws 10" apart.
- 4 You have finished building two sets of wing wall assemblies. Set **ONE LEFT** and **ONE RIGHT** aside. Continue building your back wall.



BACK WALL PANELS

PARTS REQUIRED:

x24  2" (5 cm)

x1



Pre-assembled
LEFT

x1

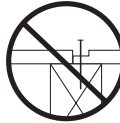


Pre-assembled
RIGHT

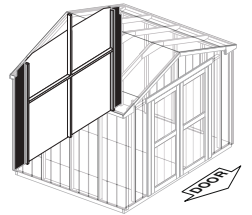


5 Place wing wall assemblies onto frame with bottom of panels flush.

6 Nail left and right wing wall assemblies onto back wall frame using 2" nails 6" apart.

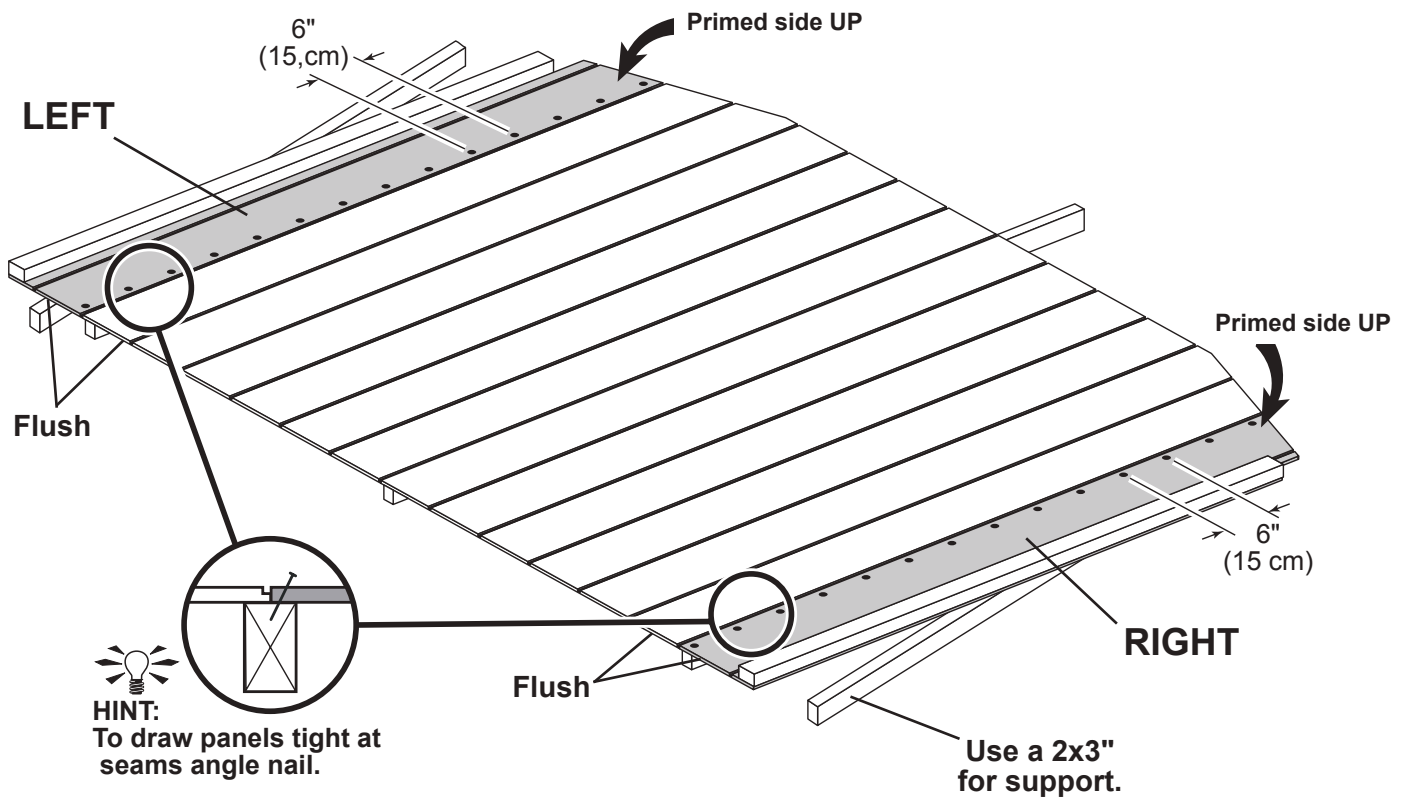


Do not nail
in groove.



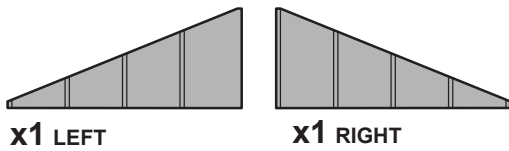
FINISH

7 You have finished attaching your wing walls.

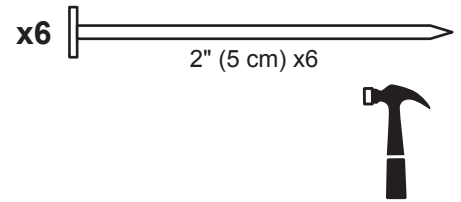


BACK WALL GABLE PANELS

PARTS REQUIRED:

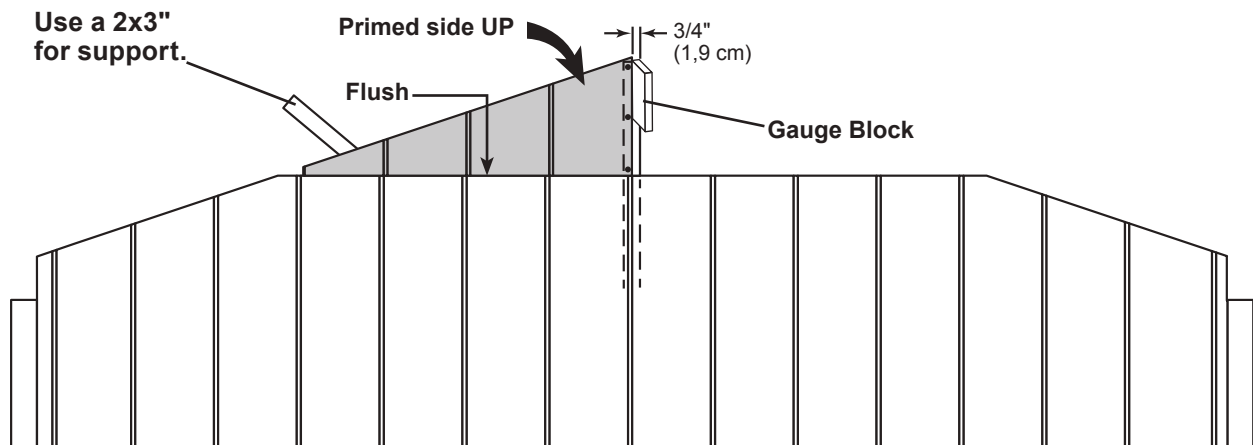
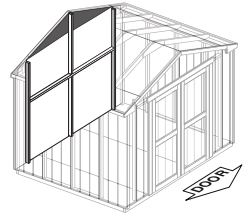


GAA
**3/4" GAUGE
BLOCK**

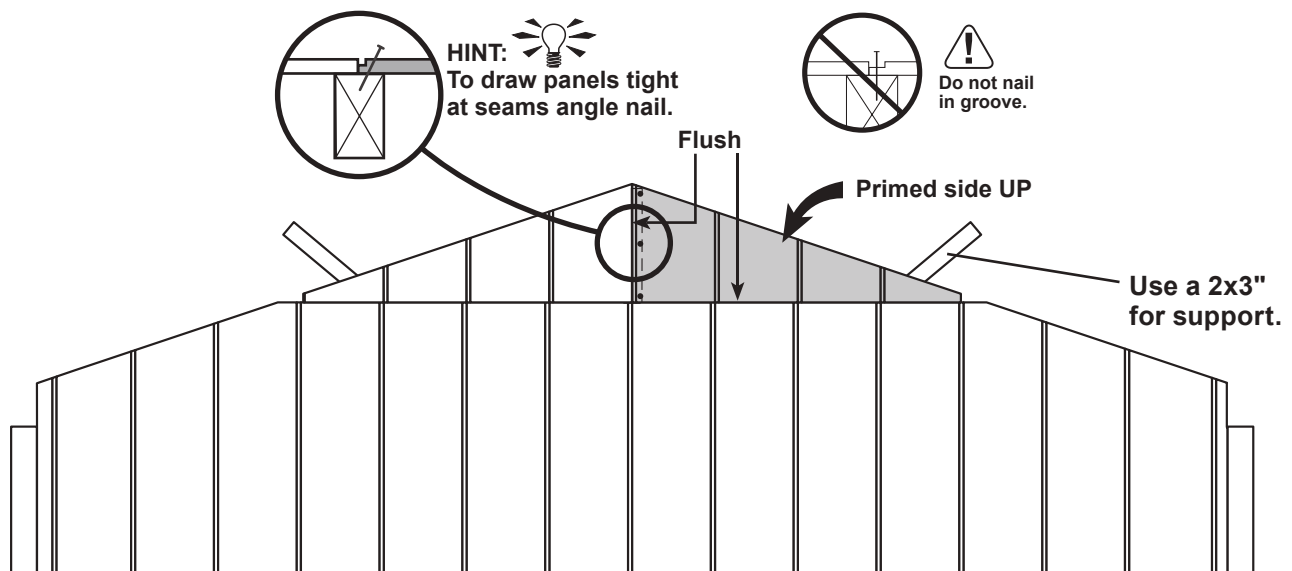


✓ BEGIN

- 1 Place left gable panel onto frame primed side up and flush to left panel.
NOTE: Panel grooves will not align.
- 2 Use a 3/4" gauge block at edge of panel. Nail using 2" nails along edge as shown.



- 3 Place right gable panel onto frame primed side up and flush to left panel.
NOTE: Panel grooves will not align.
- 4 Nail using 2" nails along edge as shown.



FINISH

- 5 You have finished building your back wall.

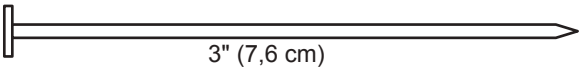
FRONT WALL FRAME

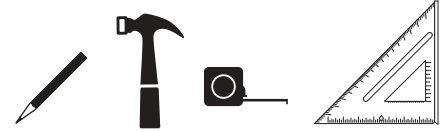
PARTS REQUIRED:

x1 **LT**
2 x 3 x 22-1/8" (5 x 7,6 x 56 cm)

x2 **PB**
2 x 3 x 77" (5 x 7,6 x 196 cm)

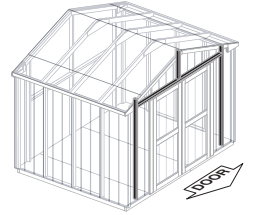
x1 **PR**
2 x 3 x 94-1/2" (5 x 7,6 x 240 cm)

x6  3" (7,6 cm)



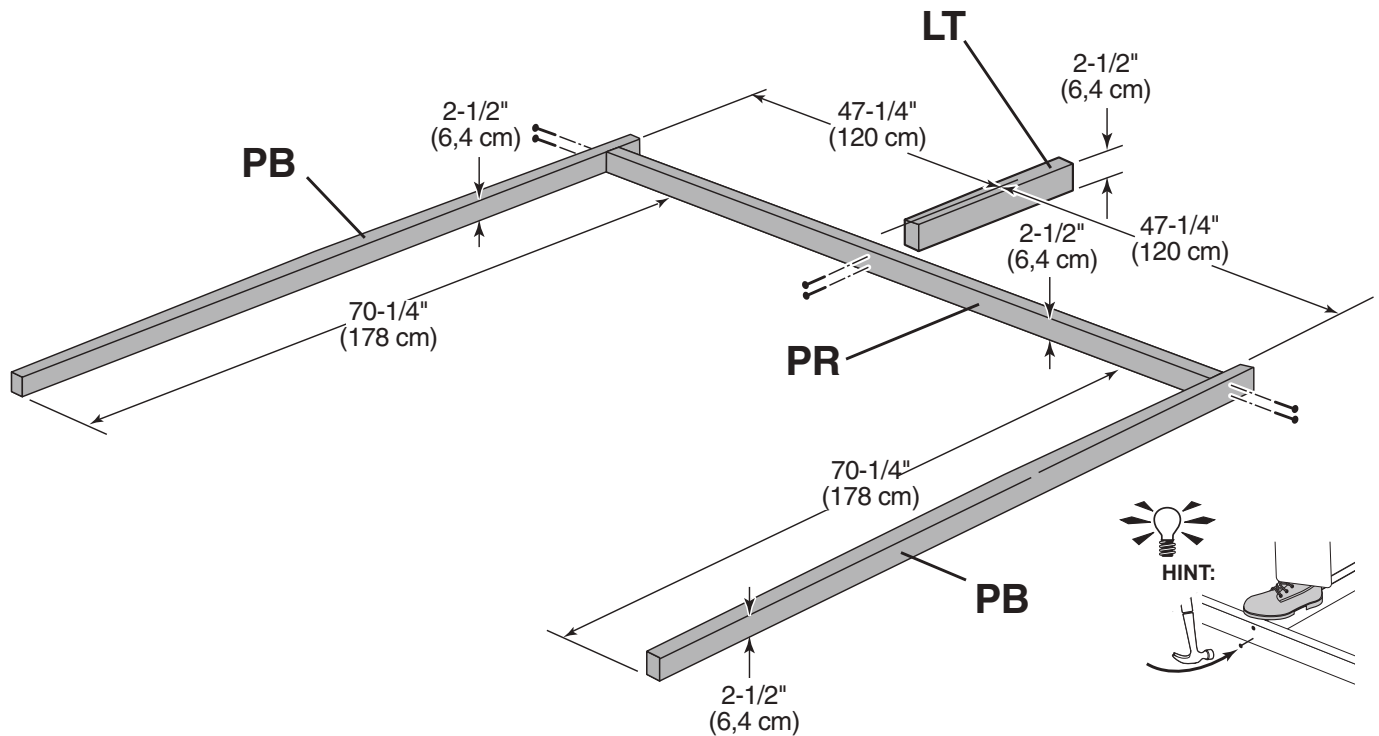
BEGIN

- 1 Lay out two **PB**, one **PR** and one **LT** on edge on floor.
- 2 Nail two **PB** to **PR** with two 3" nails at each end.
- 3 Ensure **LT** is centered with **PR** and nail in place with two 3" nails.



FINISH

- 4 You have finished building your Front Wall Frame.



FRONT WALL PANELS

PARTS REQUIRED:

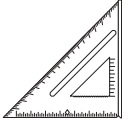
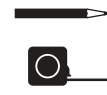
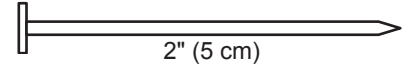
x1



3/4" GAUGE
BLOCK



x22

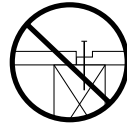


✓ **BEGIN**

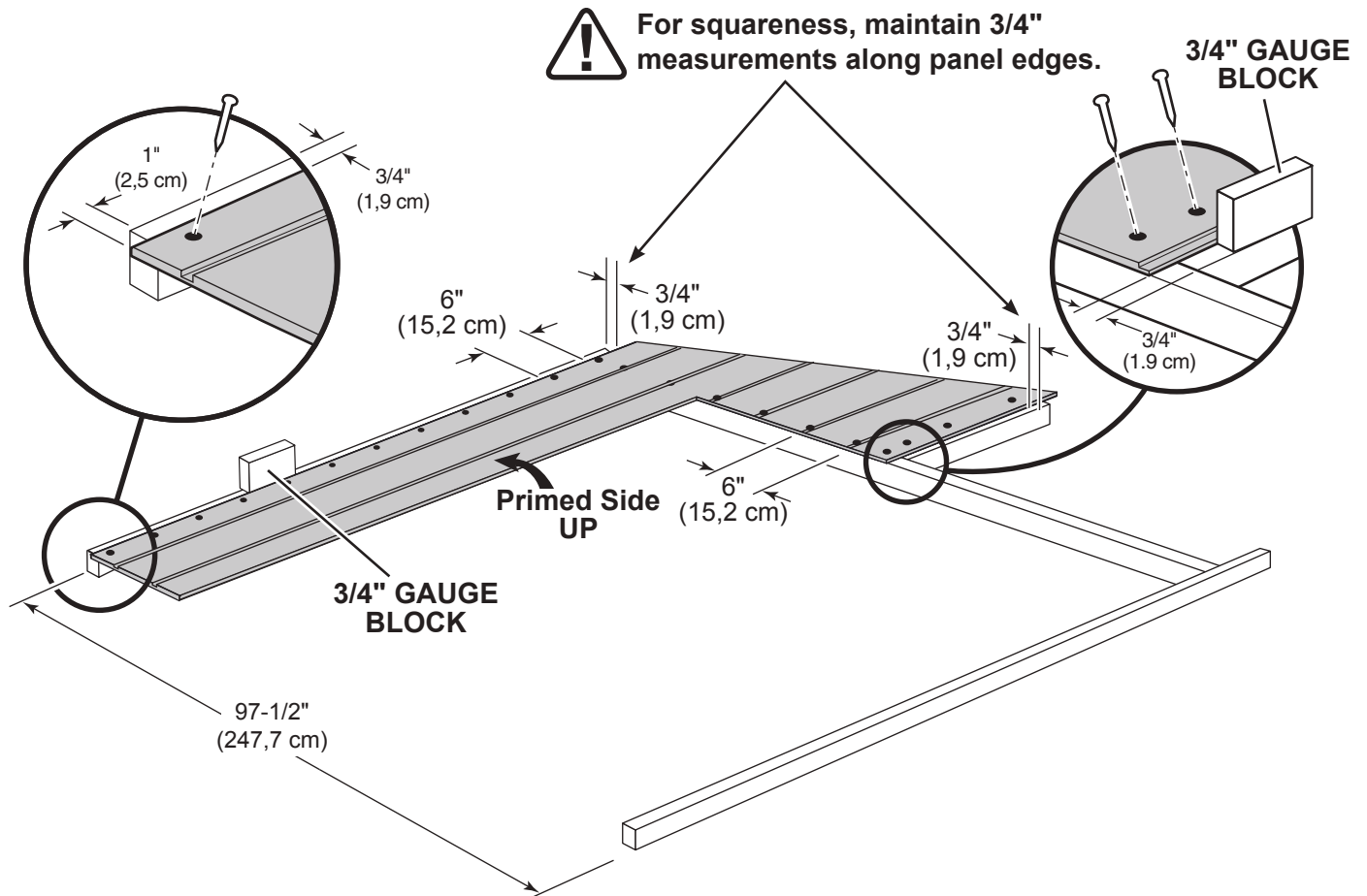
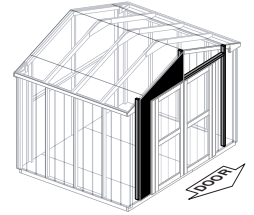
1 Place **LEFT** panel on front frame as shown with primed side up.

2 Use a 3/4" gauge block on edges of panel.

3 Nail panel to frame with 2" nails 6" apart.



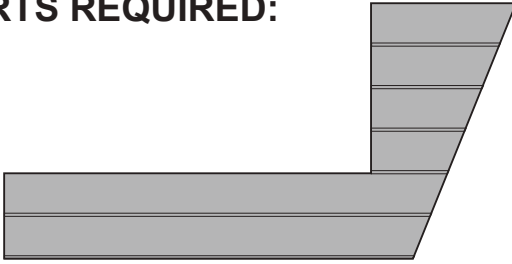
Do not nail
in groove.



FRONT WALL PANELS

PARTS REQUIRED:

x1



x22 2" (5 cm)

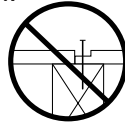
3/4" GAUGE BLOCK



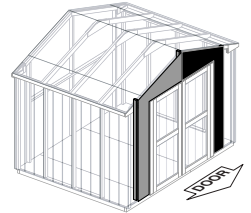
4 Place **RIGHT** panel on front frame primed side up.

5 Use a 3/4" gauge block on edges of panel.

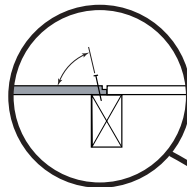
6 Nail panel to frame with 2" nails 6" apart.



Do not nail in groove.



To draw panels tight at seams angle nail.



Panels Flush

Primed Side UP

Gauge Block

97-1/2"
(247,7 cm)

3/4"
(1,9 cm)

6"
(15,2 cm)

3/4"
(1,9 cm)

1"
(2,5 cm)

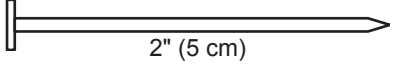


For squareness, maintain 3/4" and 97-1/2" measurements.

FRONT WALL PANELS

PARTS REQUIRED:

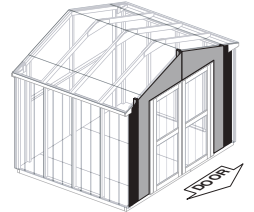
- x1  Pre-assembled
LEFT
- x1  Pre-assembled
RIGHT

x24  2" (5 cm)

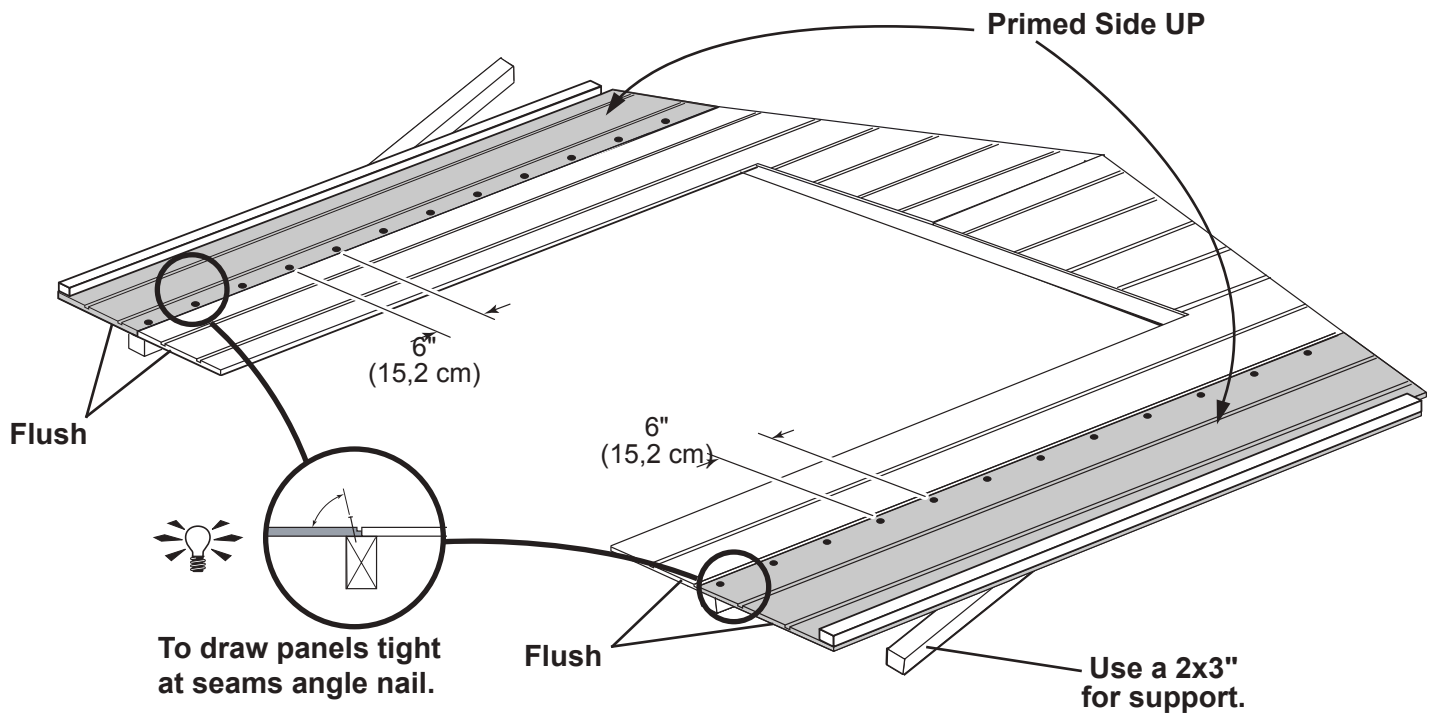


7 Place wing wall panels onto frame with bottom of panels flush.

8 Nail left and right wing wall assemblies using 2" nails 6" apart.

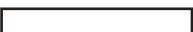



9 You have finished attaching your wing walls.

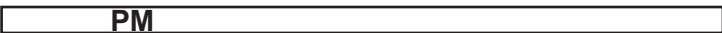


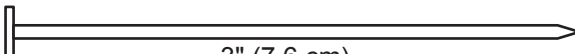
SIDE WALL FRAMES

PARTS REQUIRED:

x4 
7/16 x 2-1/2 x 24-3/4" (1,1 x 6,4 x 62,9 cm)

x6 
2 x 3 x 69" (5 x 7,6 x 175 cm)

x2 
2 x 3 x 92-5/8" (5 x 7,6 x 235,3 cm)

x14 
3" (7,6 cm)



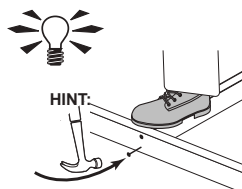
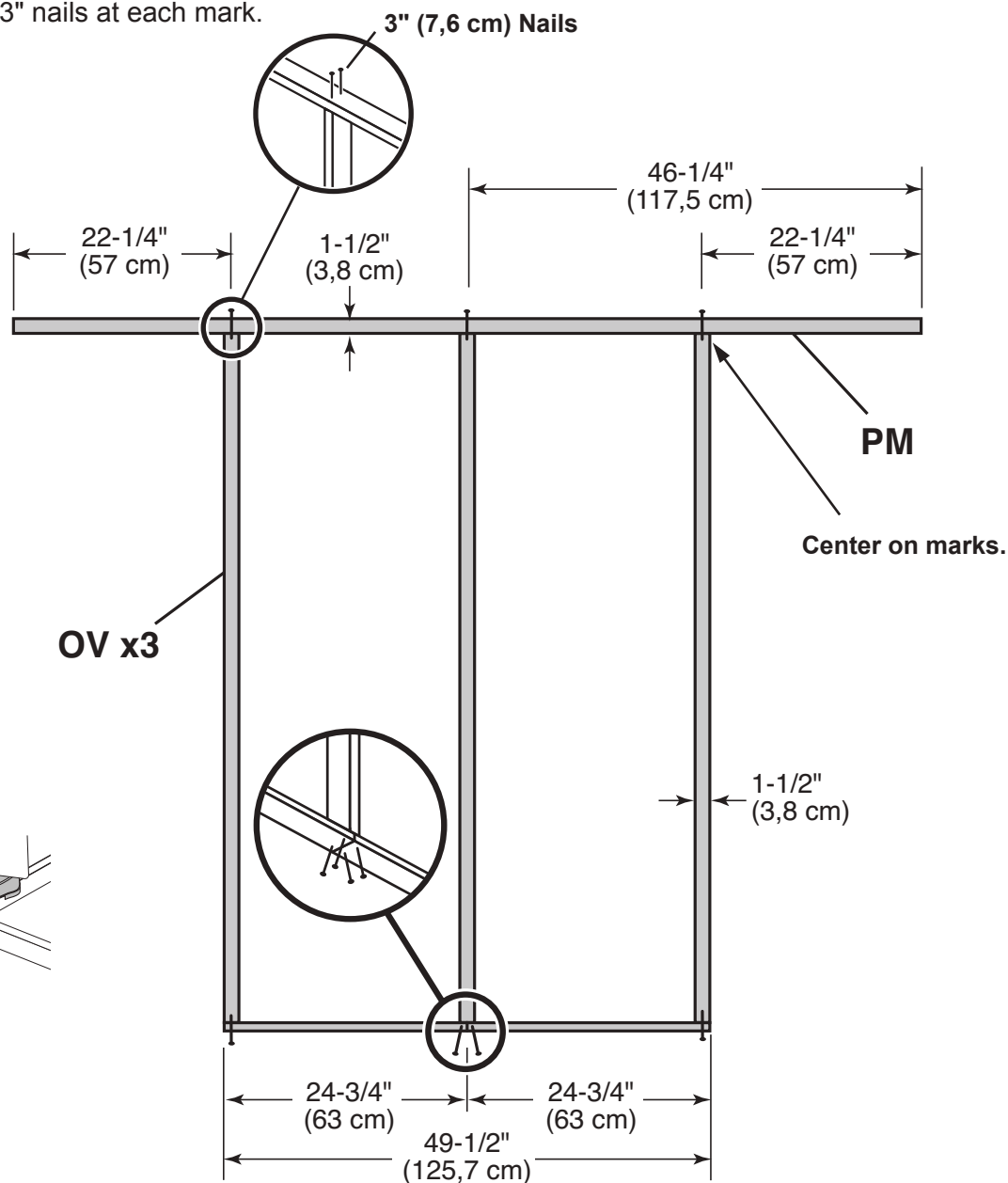
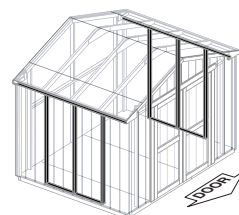
✓ BEGIN

1 If building 10' x 12' kit goto page 40. If building 10' x 16' kit go to page 44.

2 If building 10' x 8' kit orient parts on edge on floor. Measure and mark from end of boards.

IMPORTANT! You will build two walls the same.

3 Use two 3" nails at each mark.



10' x 8' SIDE WALL FRAME- SOFFIT

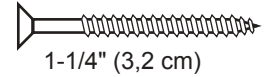
PARTS REQUIRED:

x2

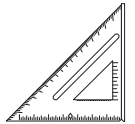


3/8 x 5 x 93-1/4" (0,9 x 12,7 x 236,9 cm)

x22



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

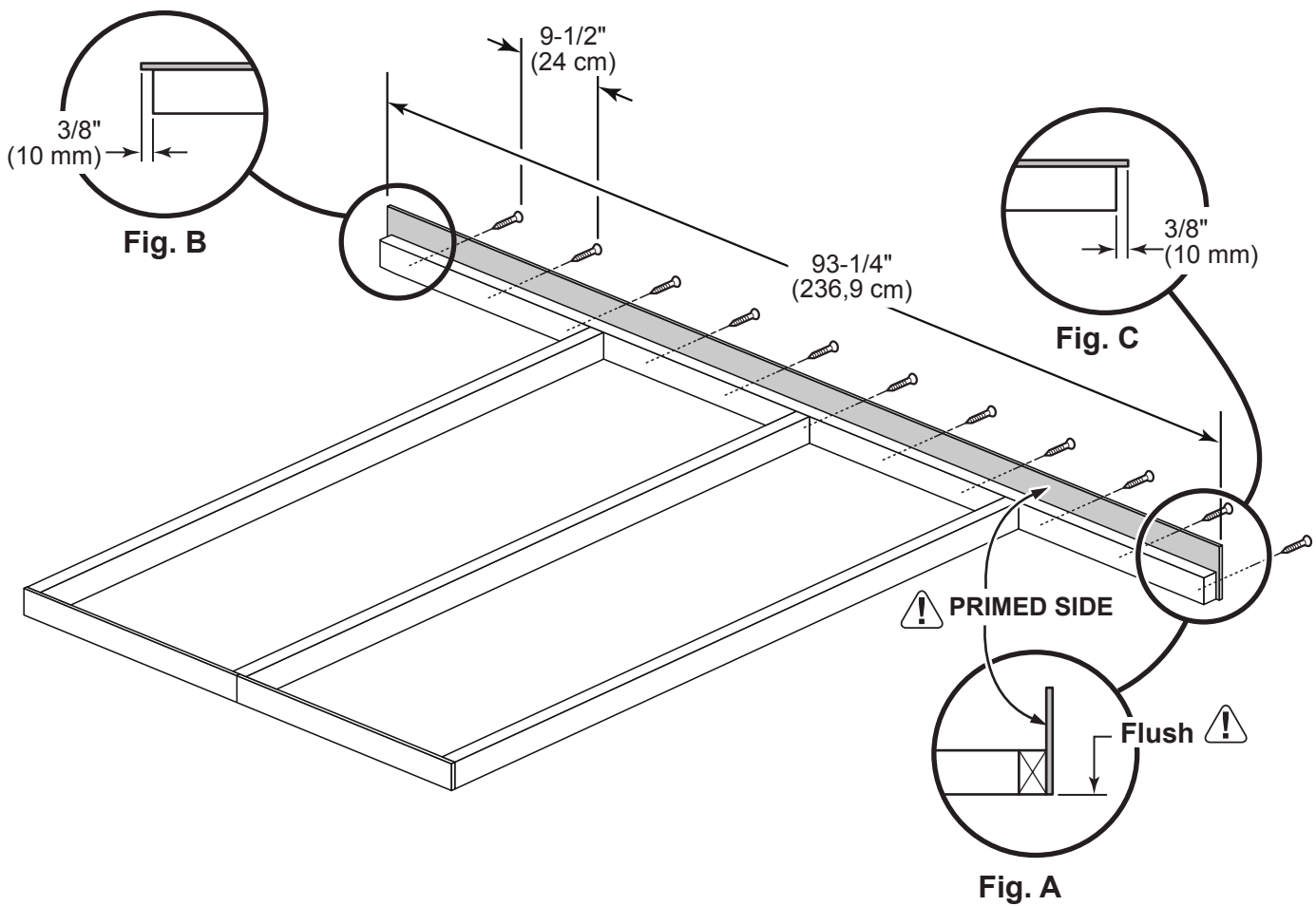
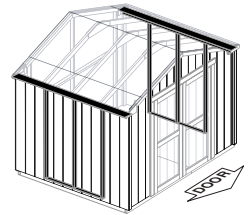


- 4 Place panel onto 2 x 3 with primed side against 2 x 3 (**Fig A**)



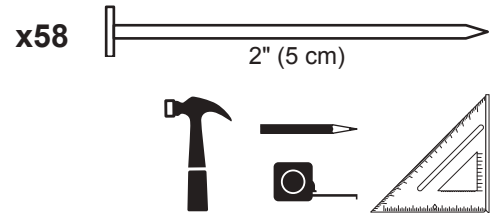
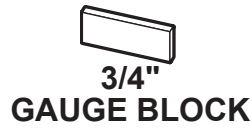
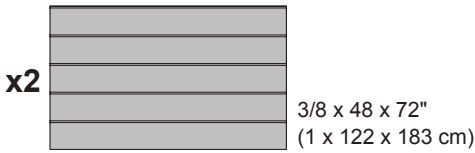
Keep panel flush along entire edge of 2 x 3 top plate (Fig A).

- 5 Attach soffit panel flush to 2 x 3 (**Fig A**) and with 3/8" offset at ends (**Fig. B, C**) using eleven 1-1/4" screws.



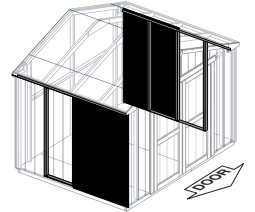
10' x 8' SIDE WALL PANELS

PARTS REQUIRED:



- !** Ensure your wall frame is square by installing one panel and squaring frame.
- 6** Place the 48 x 72" panel onto wall frame with primed side up as shown. Note the lip and square edges.

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



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

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

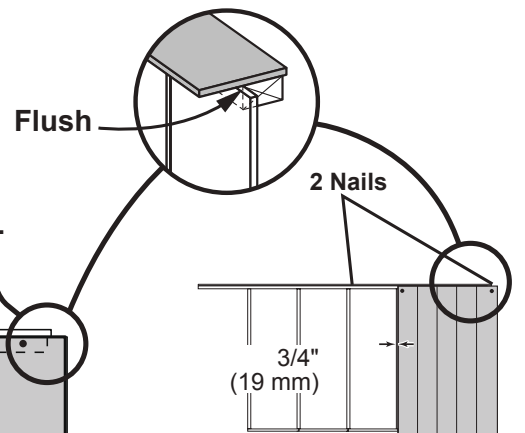


Fig. A

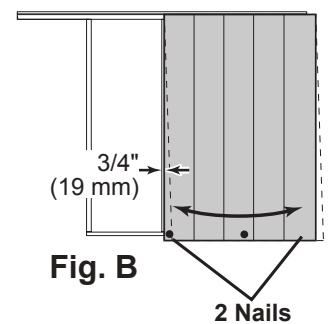
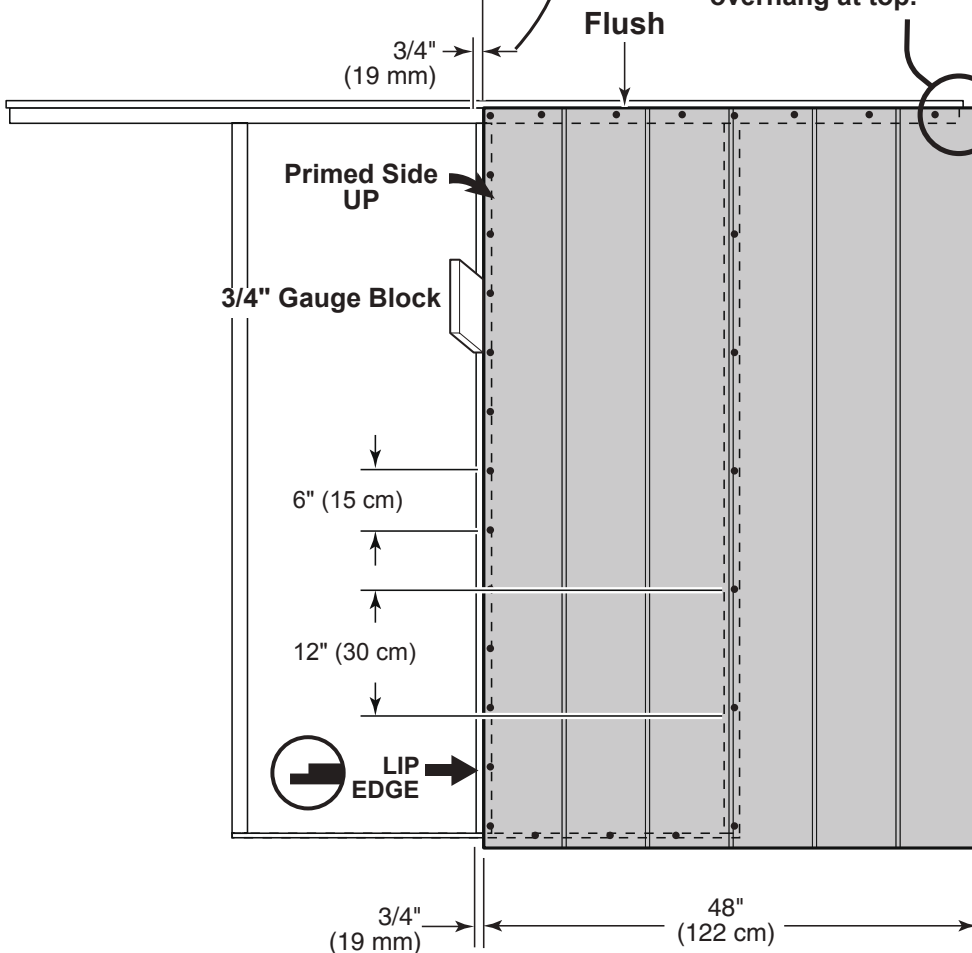


Fig. B

SQUARE EDGE

10' x 8' SIDE WALL PANELS

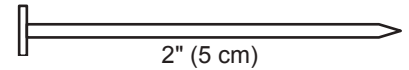
PARTS REQUIRED:

x2



3/8" x 48" x 72"
(1 x 122 x 183 cm)

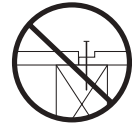
x58



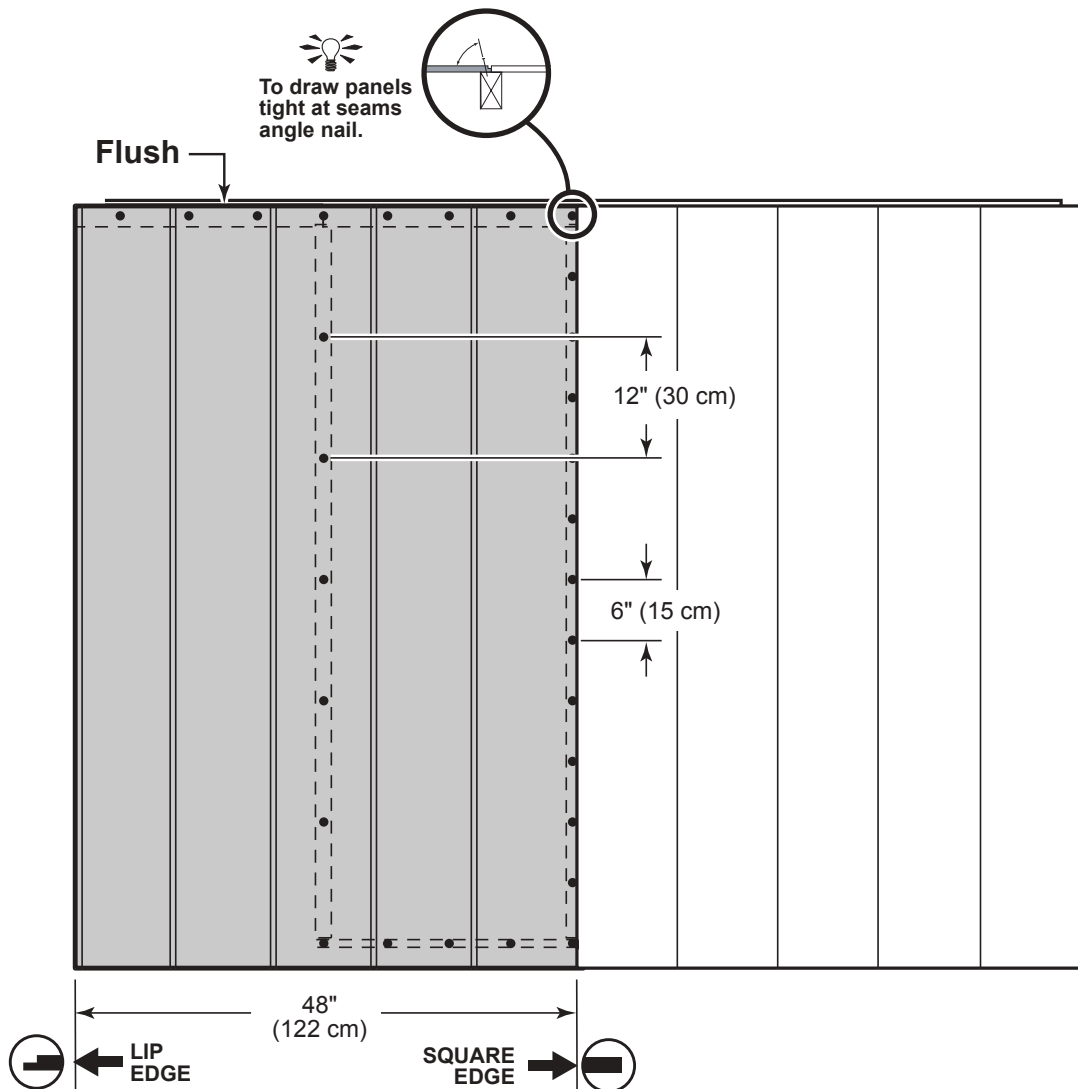
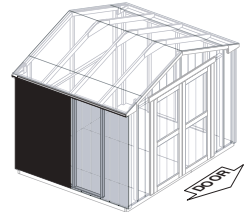
9

Place **48"** panel on frame as shown with primed side facing up.
NOTE THE SQUARE AND LIP EDGES.

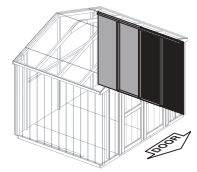
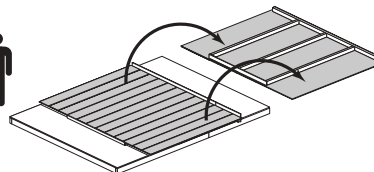
Nail using 2" nails 6" apart on edges and 12" apart inside panel.



Do not nail
in groove.



Carefully flip your sidewall over.
Repeat **STEPS 1-9** to assemble your second side wall.




FINISH


10


You have finished building both of your side walls. Go to page 46.

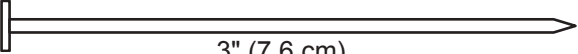

10' x 12' SIDE WALL FRAMES


PARTS REQUIRED:

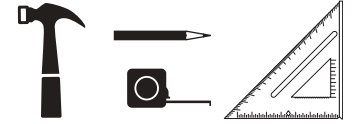
x4 
 7/16 x 2-1/2 x 24-3/4" (1,1 x 6,4 x 62,9 cm)

x6  **OV**
 2 x 3 x 69" (5 x 7,6 x 175 cm)

x2  **PM**
 2 x 3 x 92-5/8" (5 x 7,6 x 235,3 cm)

x28  3" (7,6 cm)
 x2  7/16 x 2-1/2 x 48 (1,1 x 6,4 x 122 cm)

x2  **NK**
 2 x 3 x 48" (5 x 7,6 x 122 cm)

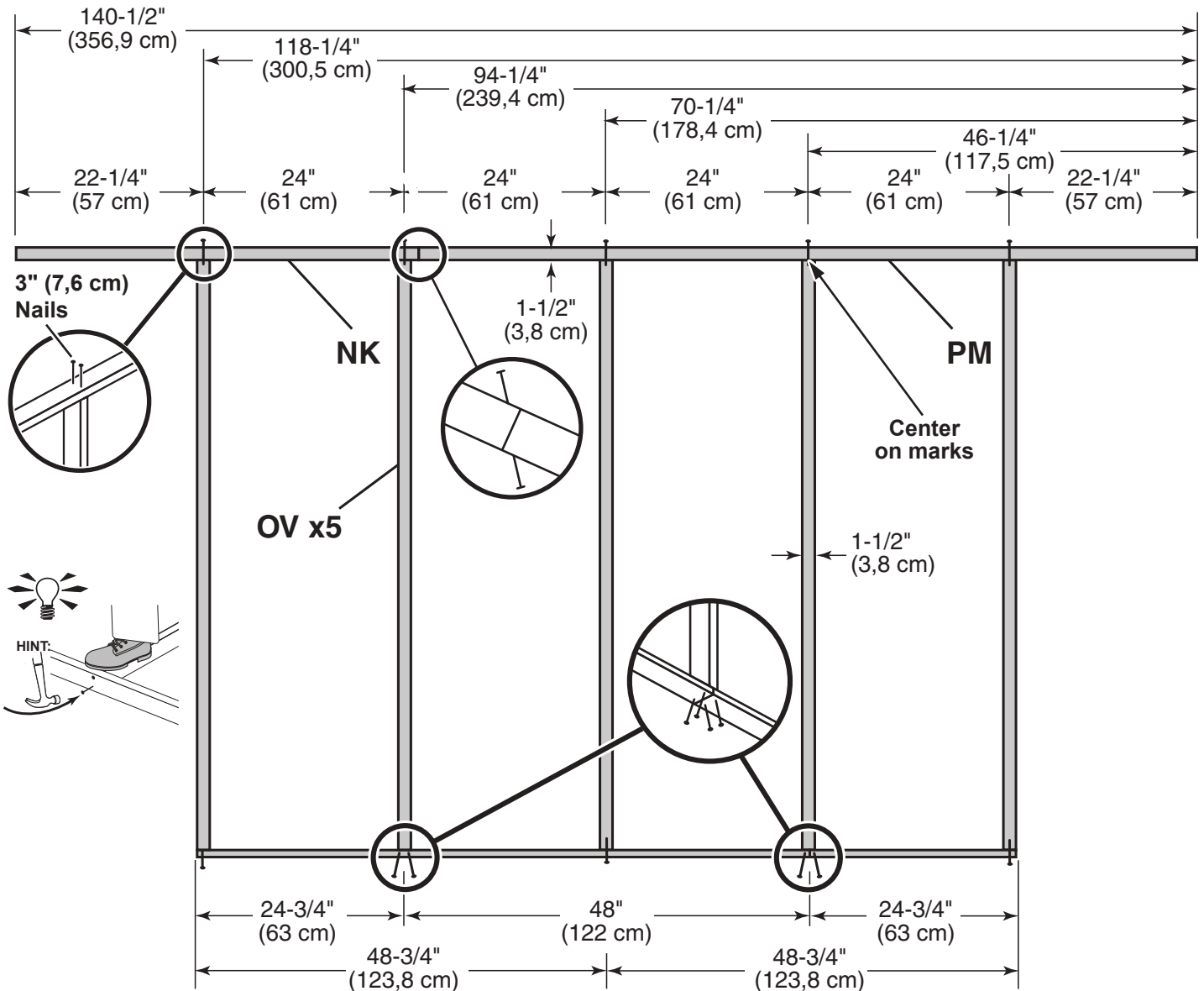
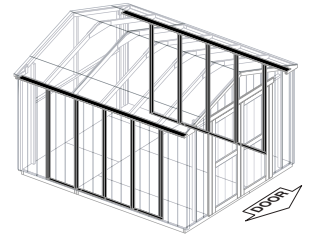


✓ BEGIN

- 1 If building 10' x 16' kit go to page 44.
- 2 If building 10' x 12' kit orient parts on edge on floor. Measure and mark from end of boards.

IMPORTANT! You will build two walls the same.

- 3 Use two 3" nails at each mark.



10' x 12' SIDE WALL FRAME- SOFFIT

PARTS REQUIRED:

x2



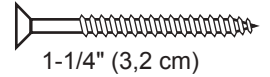
3/8 x 5 x 48" (0,9 x 12,7 x 122 cm)

x2

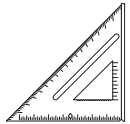
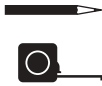


3/8 x 5 x 93-1/4" (0,9 x 12,7 x 236,9 cm)

x32



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

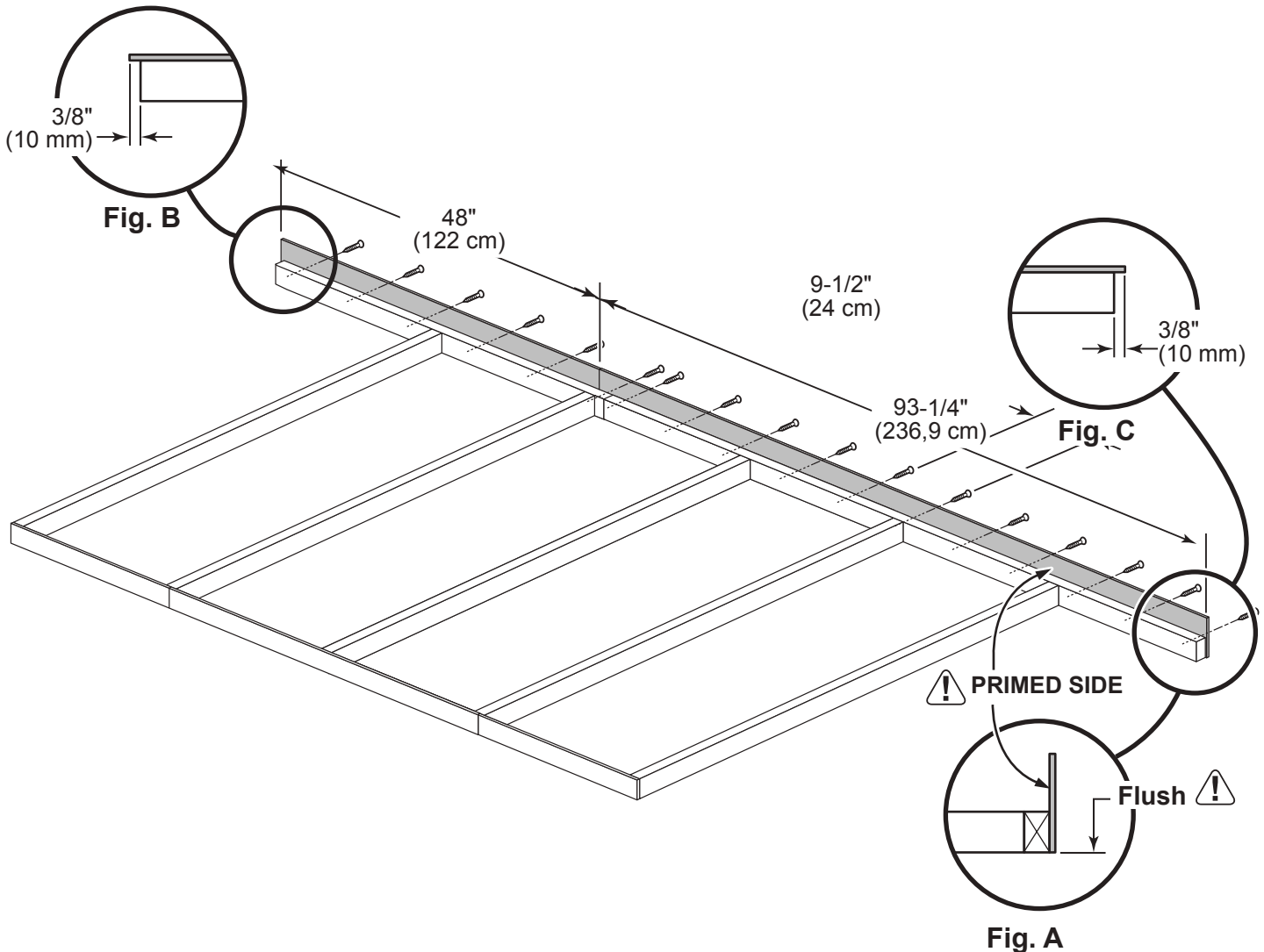
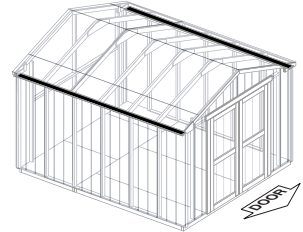


- 4 Place panels onto 2 x 3 with primed side against 2 x 3 as shown (Fig A)



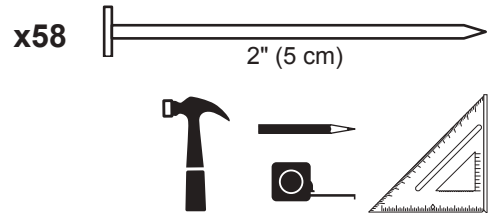
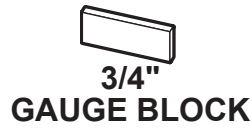
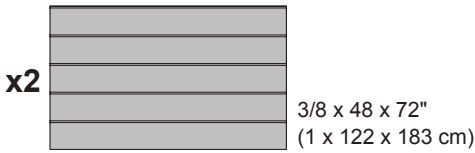
Keep panel flush along entire edge of 2 x 3 top plate (Fig A).

- 5 Attach soffit panels flush to 2 x 3 (Fig A) and with 3/8" offset at ends (Fig. B, C) using fourteen 1-1/4" screws.



10' x 12' SIDE WALL PANELS

PARTS REQUIRED:

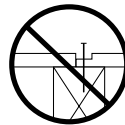


- !** Ensure your wall frame is square by installing one panel and squaring frame.
- 6** Place the 48 x 72" panel onto wall frame with primed side up as shown. Note the lip and square edges.
- Use the gauge block to mark the 3/4" measurement on the wall stud. Locate the panel flush under the soffit panel. Secure panel with two 2" nails in the corners (**Fig. A**).
- 7** Move to the opposite end. Using the long edge of the panel as a lever move the panel side-to-side until you have a 3/4" measurement on the wall stud. Secure corner with two 2" nails.
- 8** Nail the panel using 2" nails 6" apart on edges and 12" apart inside panel.

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



BEGIN HERE



! Do not nail in groove.

There will be an overhang at top.

Flush

2 Nails

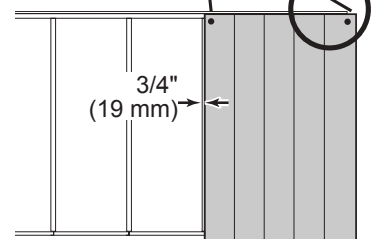


Fig. A

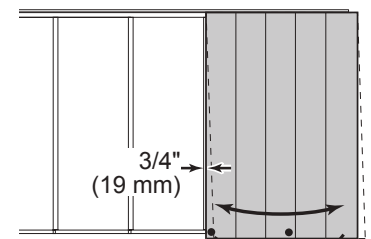
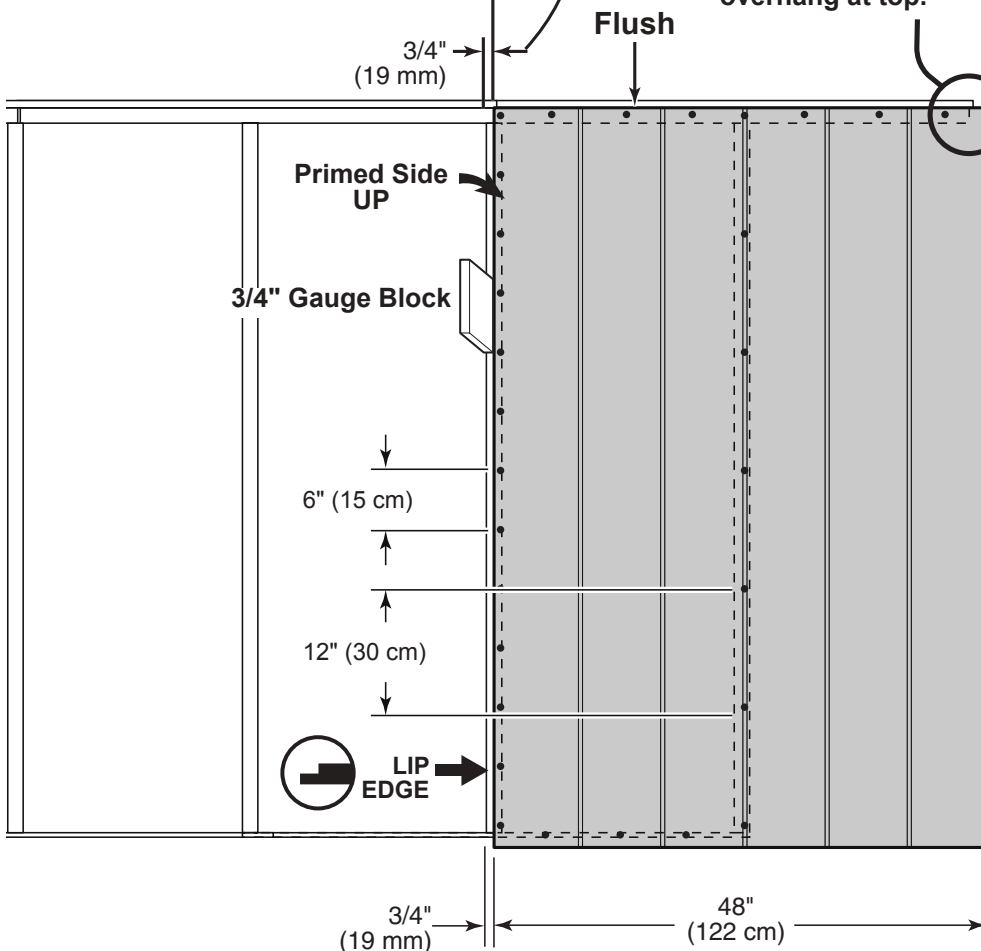


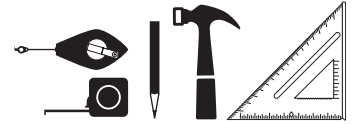
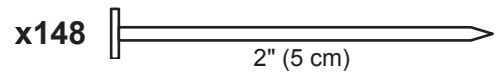
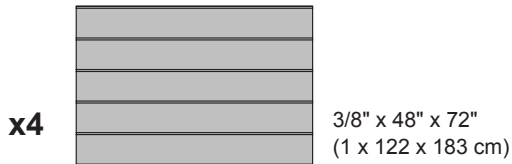
Fig. B

2 Nails



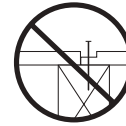
10' x 12' SIDE WALL PANELS

PARTS REQUIRED:

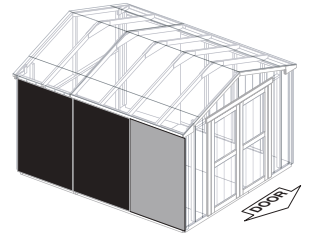


- 9** Place **48"** panels on frame as shown with primed side facing up.
NOTE THE SQUARE AND LIP EDGES.

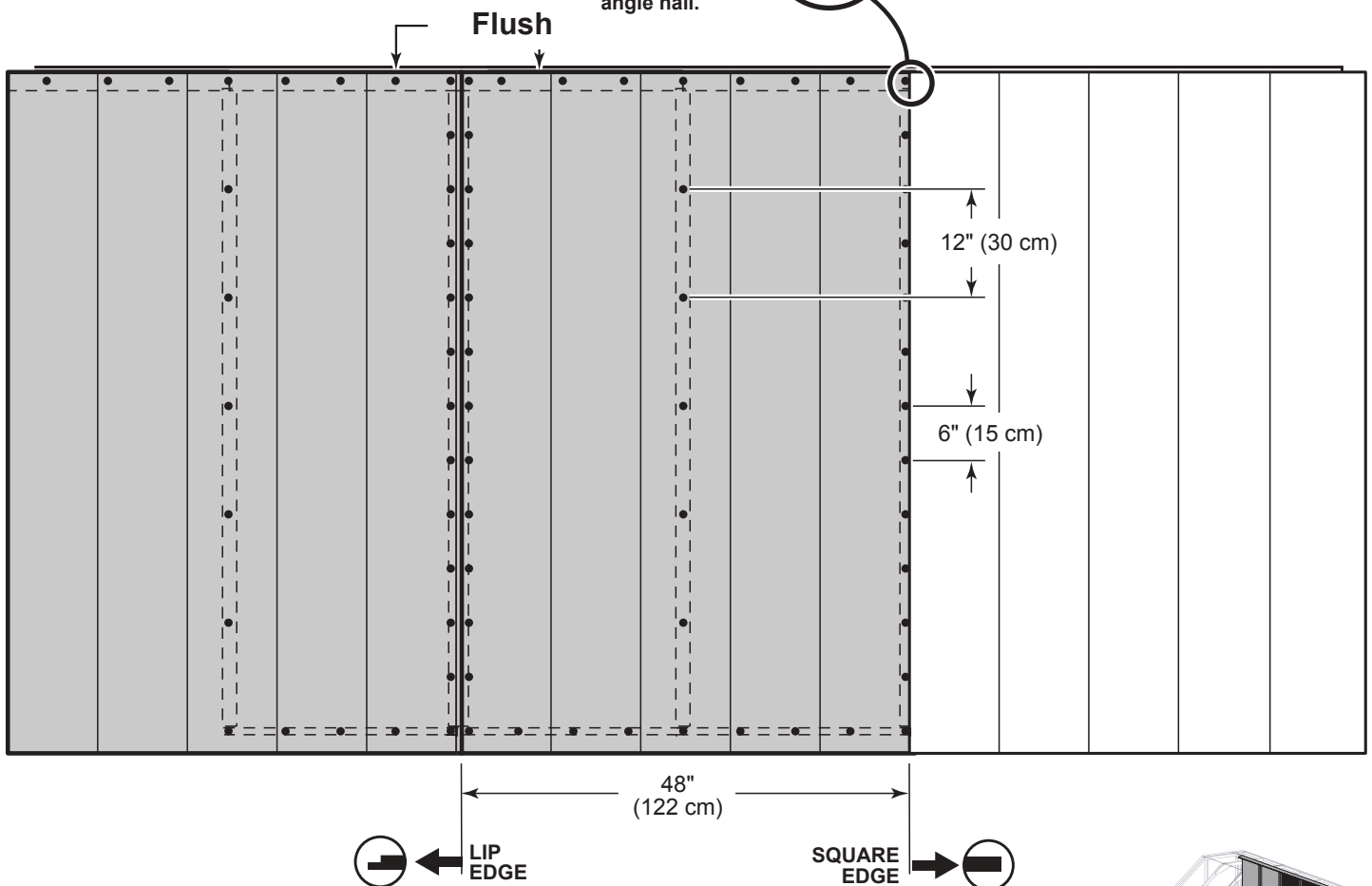
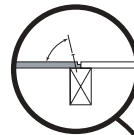
Nail using 2" nails 6" apart on edges and 12" apart inside panel.



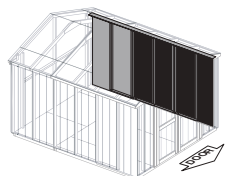
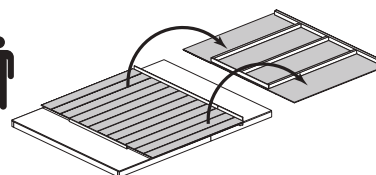
Do not nail in groove.



To draw panels tight at seams angle nail.



Carefully flip your sidewall over.
Repeat **STEPS 1-9** to assemble your second side wall.





FINISH


10 You have finished building both of your side walls. Go to page 46.


10' x 16' SIDE WALL FRAMES


PARTS REQUIRED:

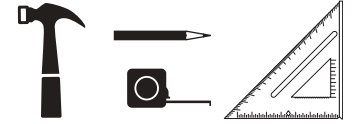
x4  (1,1 x 6,4 x 62,9 cm)

x4  (1,1 x 6,4 x 122 cm)

x6  **OV**
(5 x 7,6 x 175 cm)

x2  **NK**
(5 x 7,6 x 122 cm)

x2  **PM**
(5 x 7,6 x 235,3 cm)

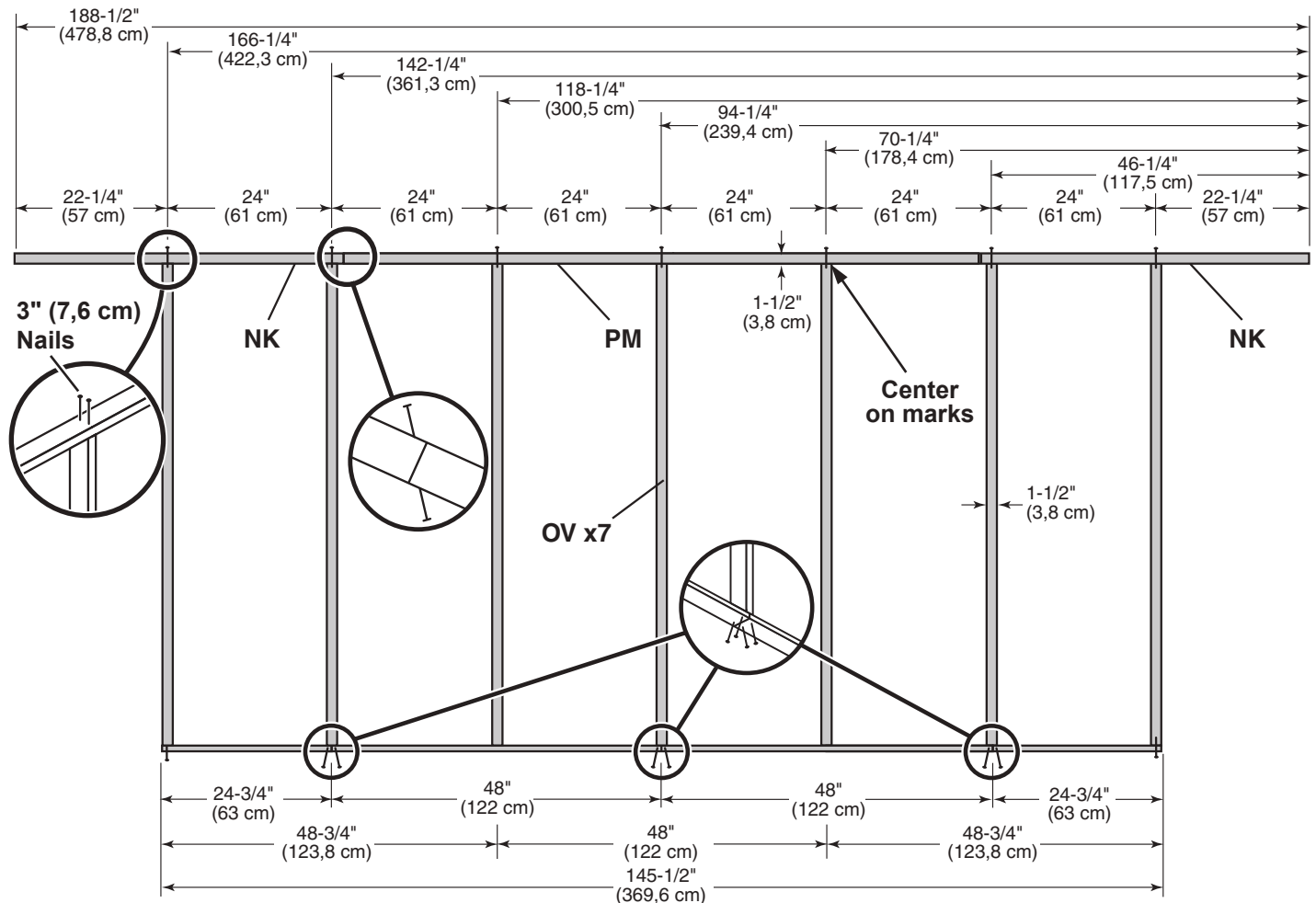
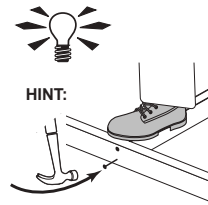
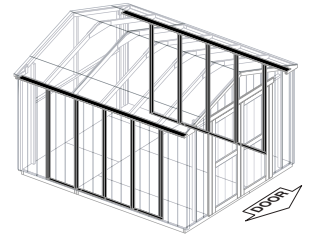


✓ BEGIN

1 Measure and mark from end of boards.

IMPORTANT! You will build two walls the same.

2 Use two 3" nails at each mark.



10' x 16' SIDE WALL FRAME- SOFFIT

PARTS REQUIRED:

x4



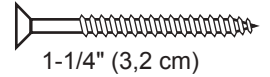
3/8 x 5 x 48" (0,9 x 12,7 x 122 cm)

x2

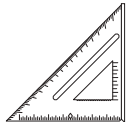
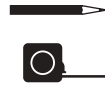


3/8 x 5 x 93-1/4" (0,9 x 12,7 x 236,9 cm)

x32



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



- 3 Place panels onto 2 x 3 with primed side against 2 x 3 as shown (**Fig A**)



Keep panel flush along entire edge of 2 x 3 top plate (**Fig A**).

4

Attach soffit panels flush to 2 x 3 (**Fig A**) and with 3/8" offset at ends (**Fig. B, C**) using nineteen 1-1/4" screws.

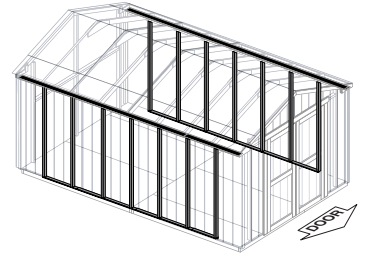
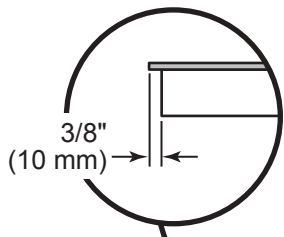


Fig. B



48"
(122 cm)

9-1/2"
(24 cm)

93-1/4"
(236,9 cm)

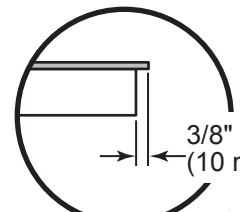


Fig. C

3/8"
(10 mm)

48"
(122 cm)

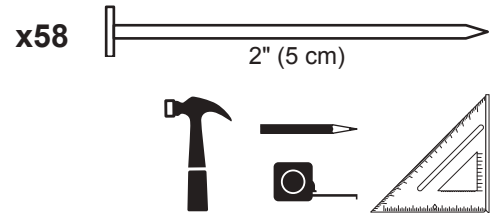
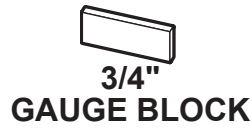
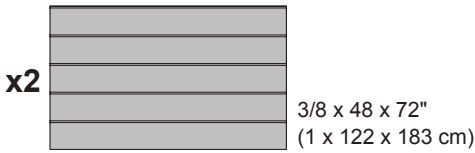
PRIMED SIDE

Flush

Fig. A

10' x 16' SIDE WALL PANELS

PARTS REQUIRED:

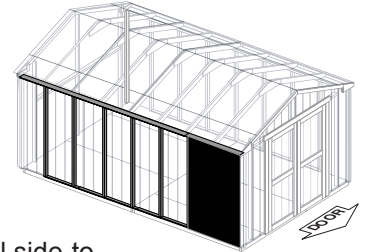


Ensure your wall frame is square by installing one panel and squaring frame.

5

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

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



6

Move to the opposite end. Using the long edge of the panel as a lever move the panel side-to-side until you have a 3/4" measurement on the wall stud. Secure corner with two 2" nails.

7

Nail the panel using 2" nails 6" apart on edges and 12" apart inside panel.



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



BEGIN HERE

Flush

There will be an overhang at top.

Flush

2 Nails

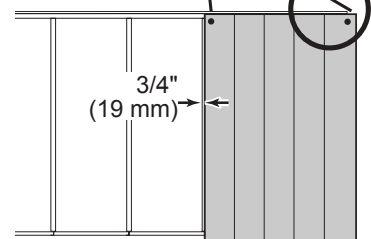


Fig. A

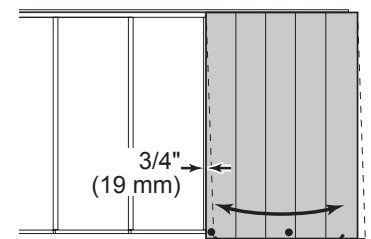


Fig. B

2 Nails

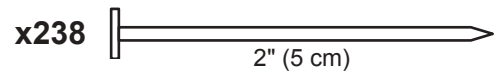
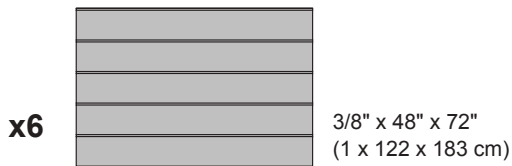


SQUARE
EDGE



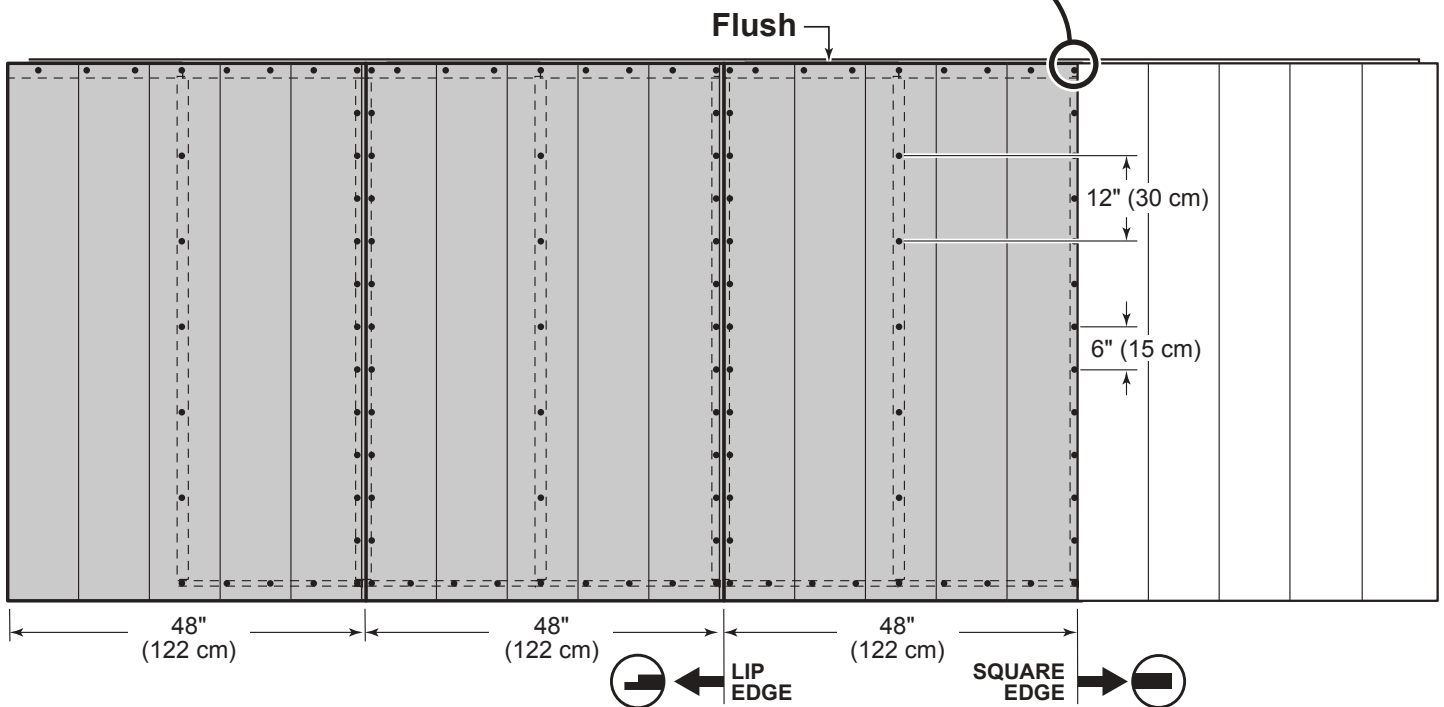
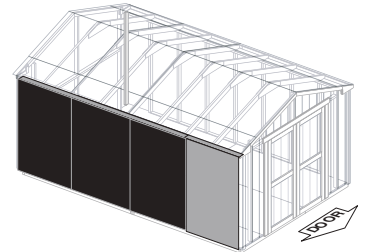
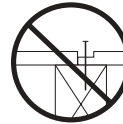
10' x 16' SIDE WALL PANELS

PARTS REQUIRED:

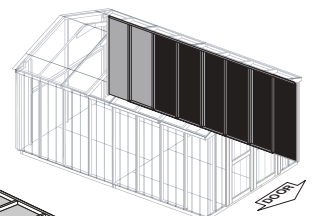
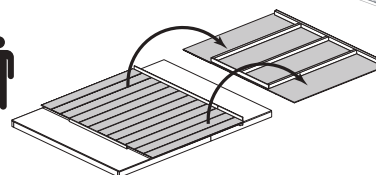


- 8** Place **48"** panels on frame as shown with primed side facing up.
NOTE THE SQUARE AND LIP EDGES.

Nail using 2" nails 6" apart on edges and 12" apart inside panel.



Carefully flip your sidewall over.
Repeat **STEPS 1-9** to assemble your second side wall.

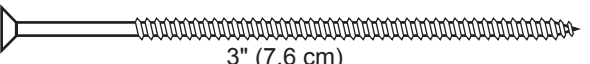
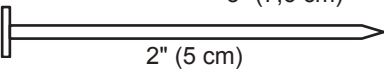


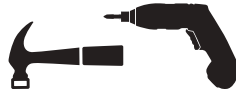
10 You have finished building both of your side walls. Go to page 46.

BACK WALL INSTALLATION

PARTS REQUIRED (TEMPORARY):

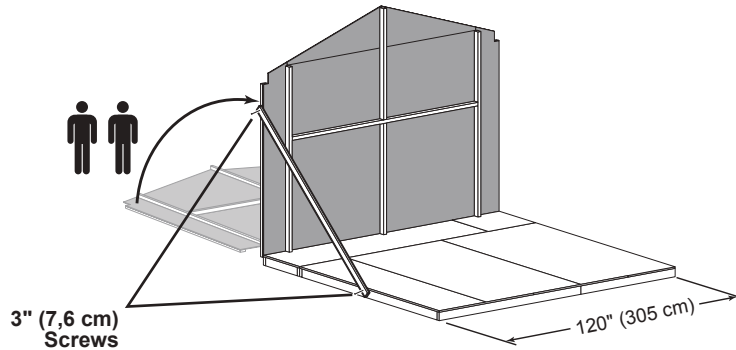
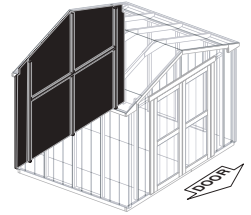
x1 **OO**
69" Door Stiffener (175,3 cm)

x8  3" (7,6 cm)
x24  2" (5 cm)



✓ BEGIN

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



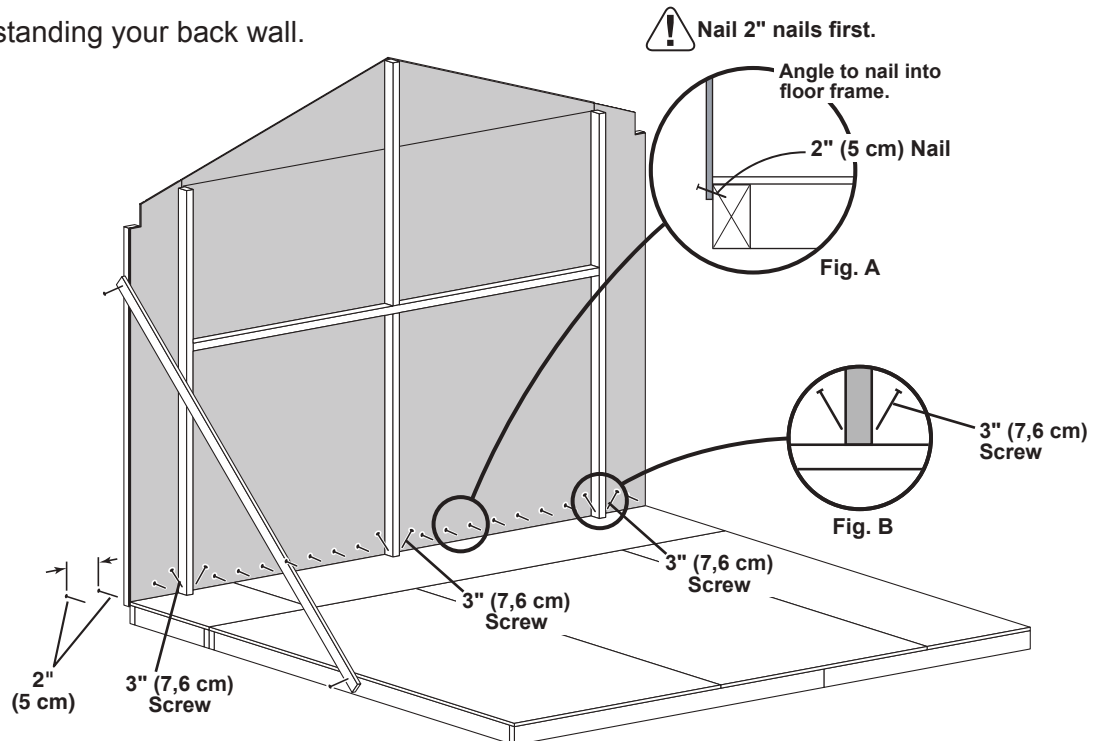
- 3 First, nail lower edge of panel to floor frame using 2" nails 6" apart. Angle nail to hit floor frame (**Fig. A**).



- 4 Screw back wall uprights to floor using two 3" screws (**Fig. B**).

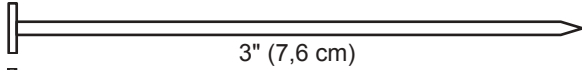
FINISH

- 5 You have finished standing your back wall.

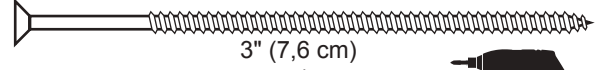


SIDE WALLS INSTALLATION

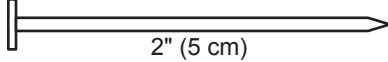
x4/8/12



x2



x30/39/48



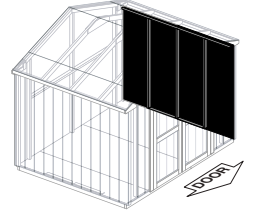
⚠ Additional fasteners needed for 10' x 12' kit or 10' x 16' kit. Same instructions apply.

✓ **BEGIN**

Stand right sidewall on floor.



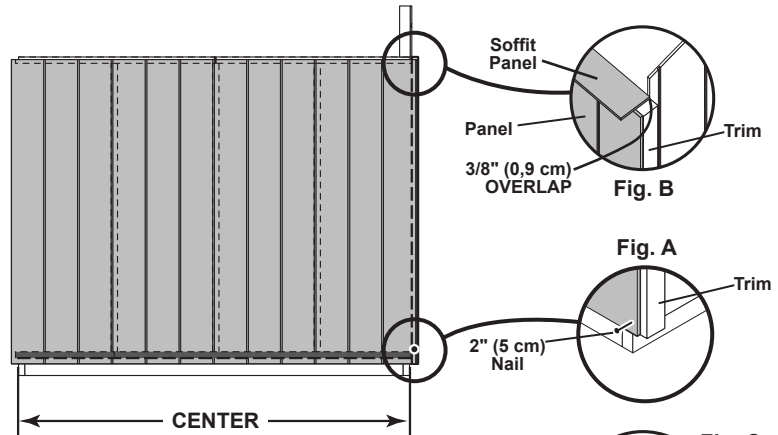
⚠ It is important to secure the sidewall in the following order:



- 1 Center sidewall on floor front to back.

Nail the lower sidewall corner to the backwall trim with one 2" nail (**Fig. A**).

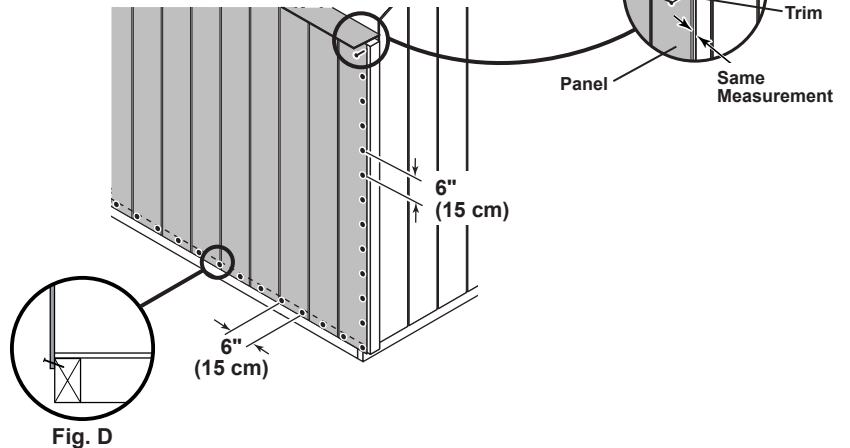
At the top of the sidewall the soffit panel will overlap the backwall panel 3/8" (**Fig. B**).



- 2 Be sure the measurement between the panel edge and the trim is the same along the entire length. Then secure with one 2" nail in the upper corner (**Fig. C**).

Nail along the panel edge into the trim using 2" nails spaced 6" apart.

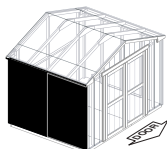
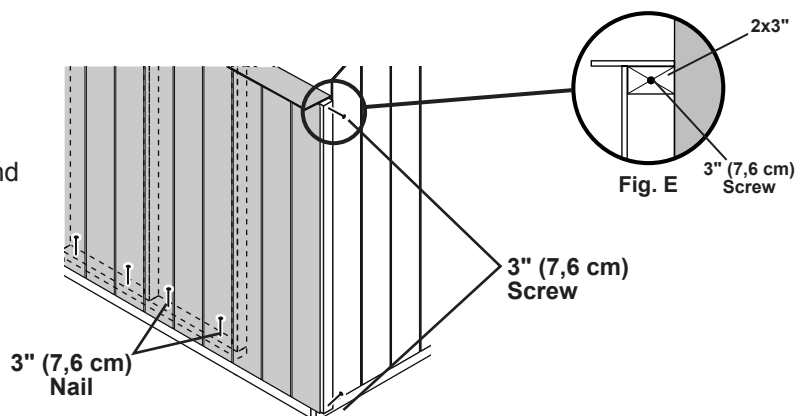
Nail along bottom of panel using 2" nails 6" apart. Angle nail to hit floor frame (**Fig. D**).



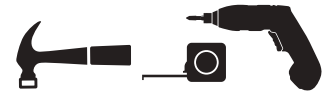
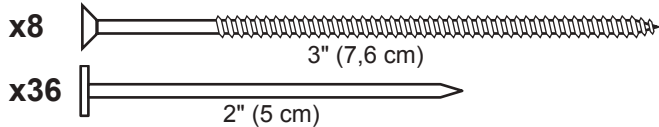
- 3 Nail down the bottom plate using two 3" nails between the wall studs.

Screw through the backwall trim into the top and bottom plates using 3" screws (**Fig. E**).

Repeat process to secure the left sidewall.



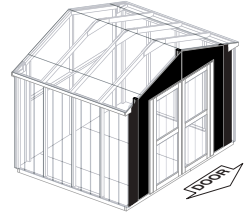
FRONT WALL INSTALLATION



✓ BEGIN

Stand frontwall on floor. 

⚠ It is important to secure the frontwall in the following order.

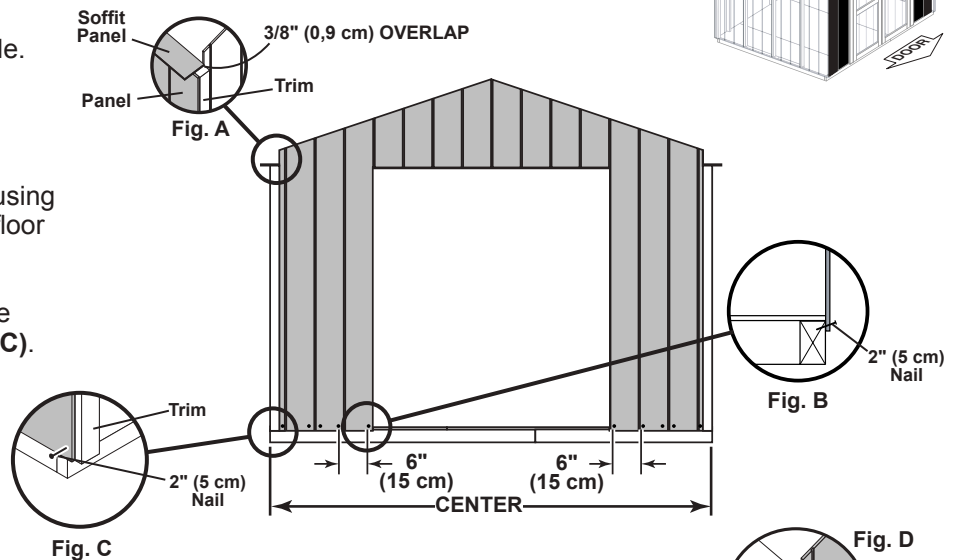


1 Center frontwall on floor side-to-side.

The sidewall soffit will overlap the frontwall 3/8" (**Fig. A**).

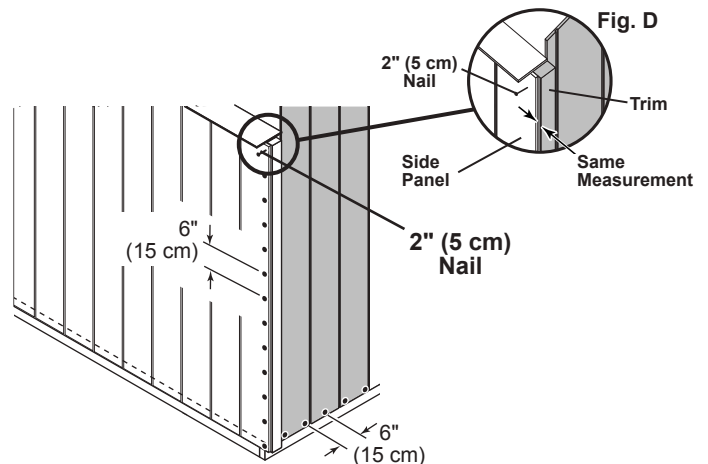
Nail the frontwall flush to the floor using 2" nails 6" apart. Angle nails to hit floor frame (**Fig. B**).

Nail the lower sidewall corner to the frontwall trim with one 2" nail (**Fig. C**).



2 Be sure the measurement between the panel edge and the trim is the same along the entire length. Then secure with one 2" nail in the upper corner (**Fig. D**).

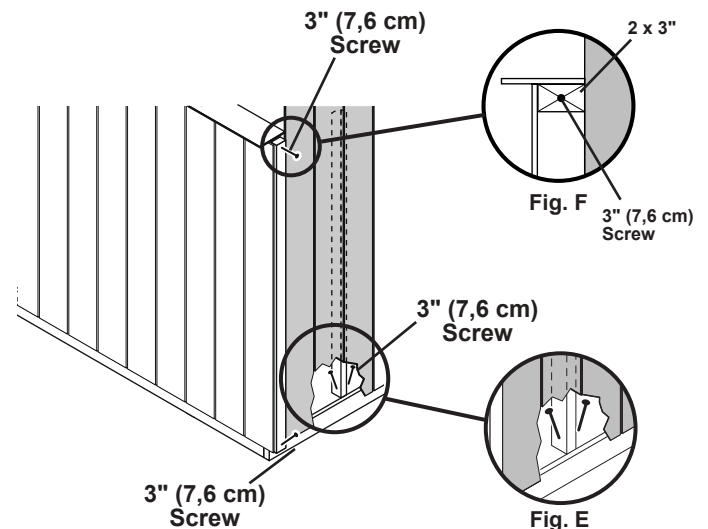
Nail along the panel edge into the trim using 2" nails spaced 6" apart.



3 Secure the frontwall frame using two 3" screws (**Fig. E**).

Screw through the frontwall trim into the top and bottom plates using one 3" screw (**Fig. F**).


Repeat process to secure the right side of the frontwall.



GABLE TRIM

PARTS REQUIRED:

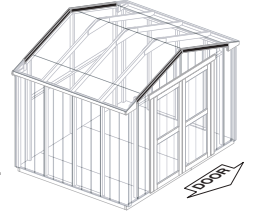
x4 CDD
2 x 3 x 58" (5 x 7,6 x 147,3 cm)

x24 
1-1/4" (3 cm)



✓ BEGIN

1 Position one **CDD** flush to front panel edge and center on right edge of groove (**Fig. A**). Attach trim with eight 1-1/4" screws from inside. Install two screws at seam (**Fig. B**).

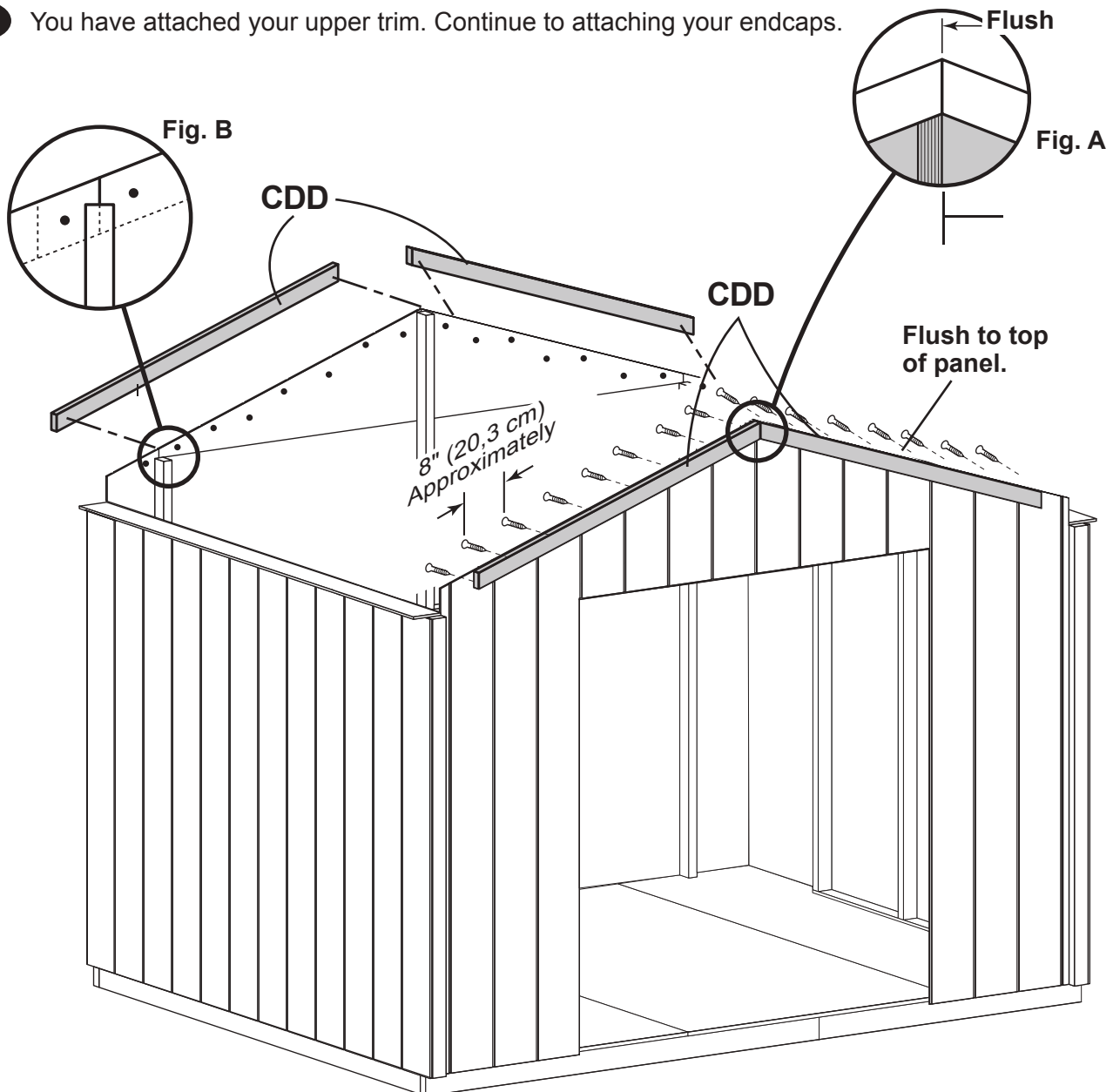


2 Position second **CDD** flush to panel edge and flush to **CDD** already attached (**Fig. A**). Attach trim with eight 1-1/4" screws from inside. Install two screws at seam (**Fig. B**).

3 Repeat steps 1-2 to attach the back trim.

FINISH

4 You have attached your upper trim. Continue to attaching your endcaps.



BACK WALL GABLE TRIM

PARTS REQUIRED:

x1 **XMA**
11/16 x 2-1/2 x 60-5/8" (1,7 x 6,3 x 154 cm)



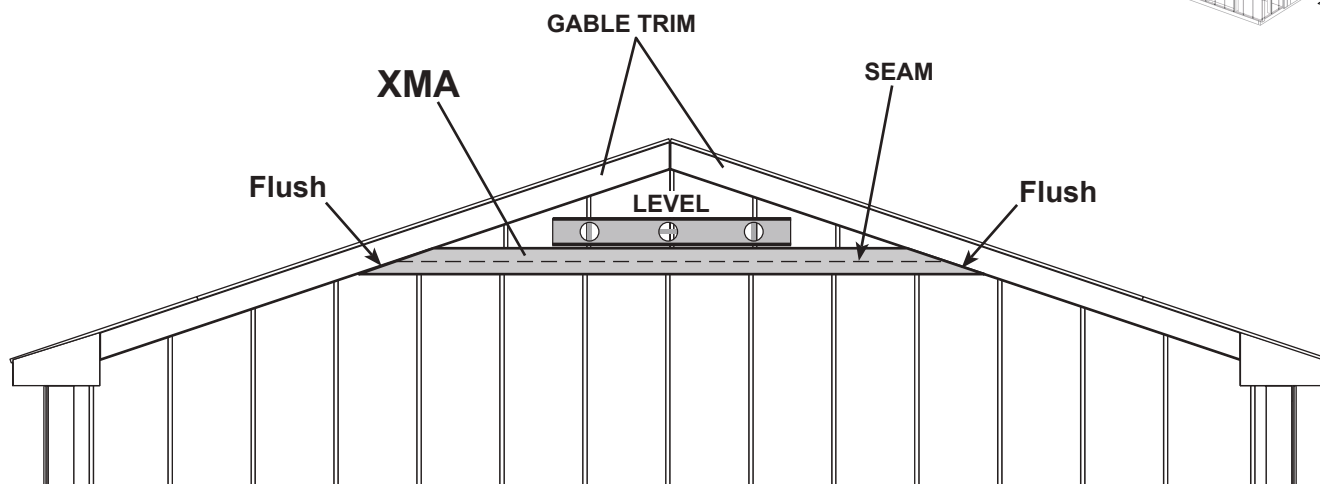
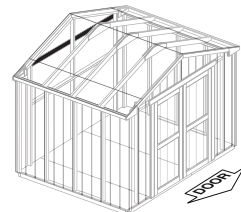
3/4" (1,9 cm) x11



✓ **BEGIN**

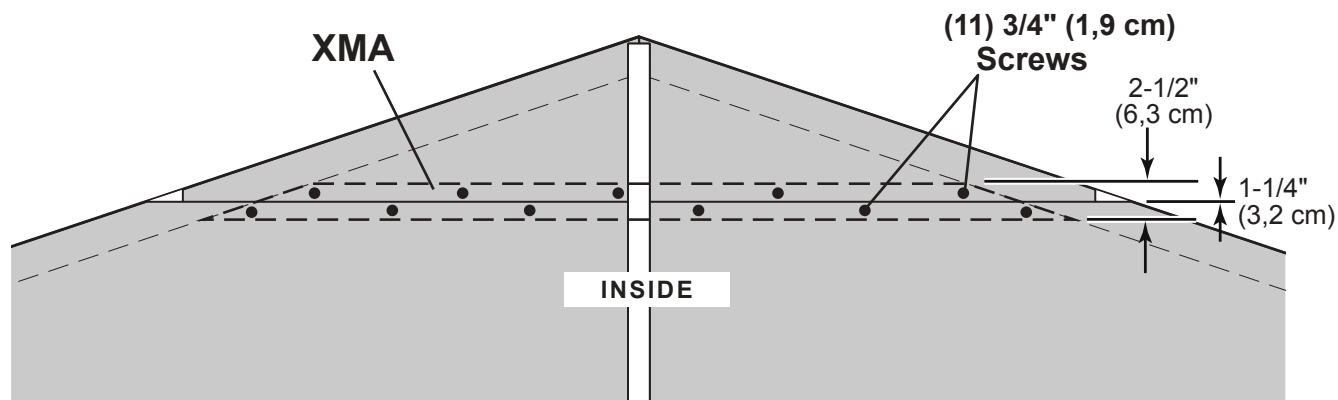
1

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



2

From the inside, attach **XMA** with 3/4" screws as pattern shows.




FINISH

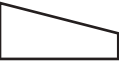
3


You have attached your back wall gable trim.

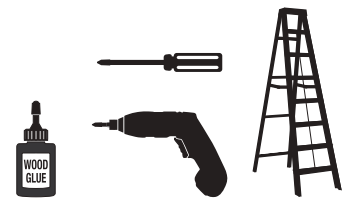
TRIM / ENDCAPS

PARTS REQUIRED:

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

x4  3/4 x 5-1/8 x 8-3/8" (1,9 x 13 x 21,3 cm) **RIGHT PAINTED RED**
LEFT PAINTED GREEN

x14  1-1/4" (3,2 cm)



✓ BEGIN

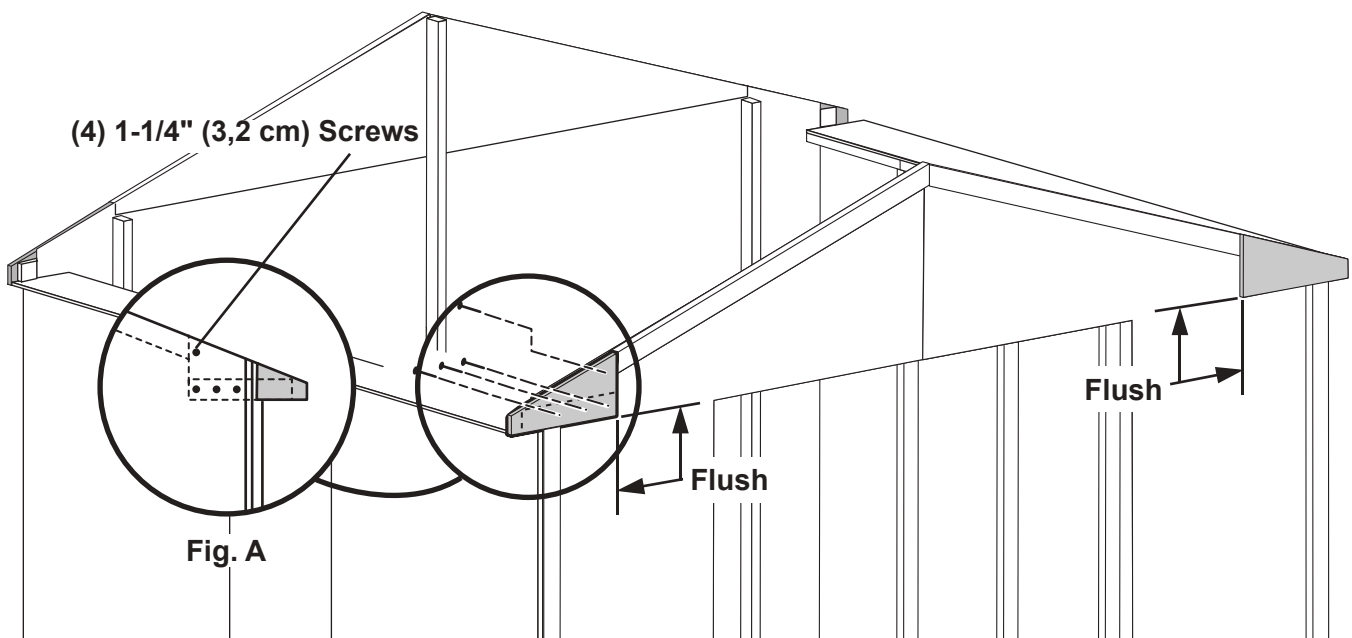
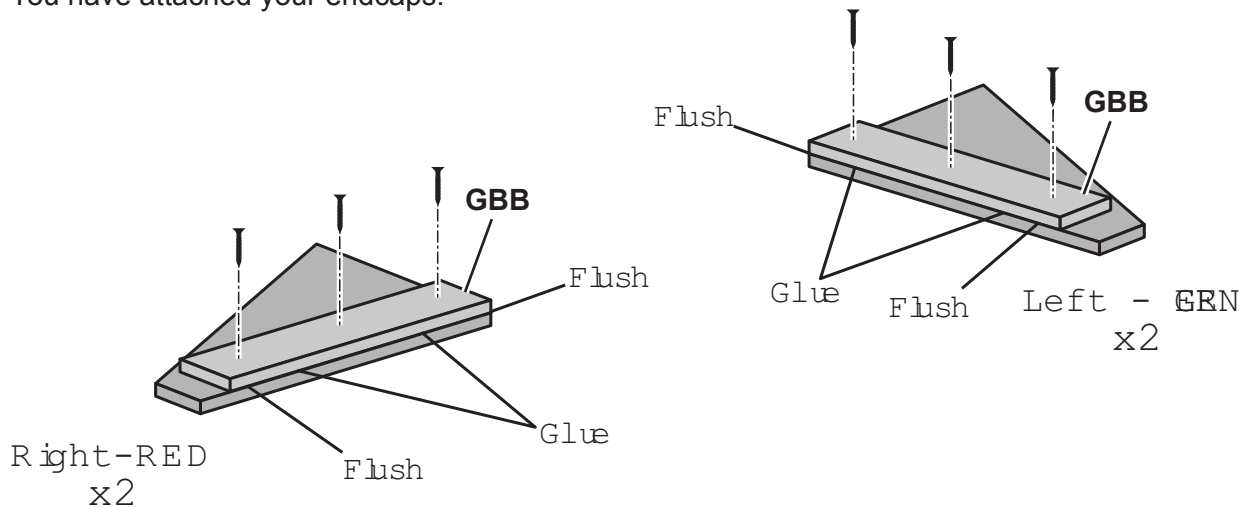
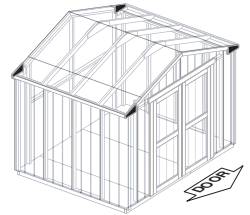
1 Glue 7-1/2" boards onto endcaps, and fasten with 1-1/4" screws, as shown.

2 Repeat steps to build two more endcaps.

3 Locate endcaps flush with upper trim and corner trim and attach each endcap from inside of shed using four 1-1/4" screws as shown (**Fig. A**).


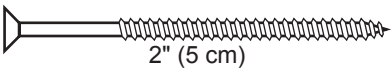
FINISH

4 You have attached your endcaps.



RAFTERS

PARTS REQUIRED:

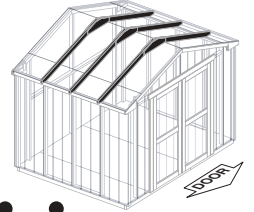
- x12  3" (7,6 cm)
- x6  2" (5 cm)

x3  pre-assembled



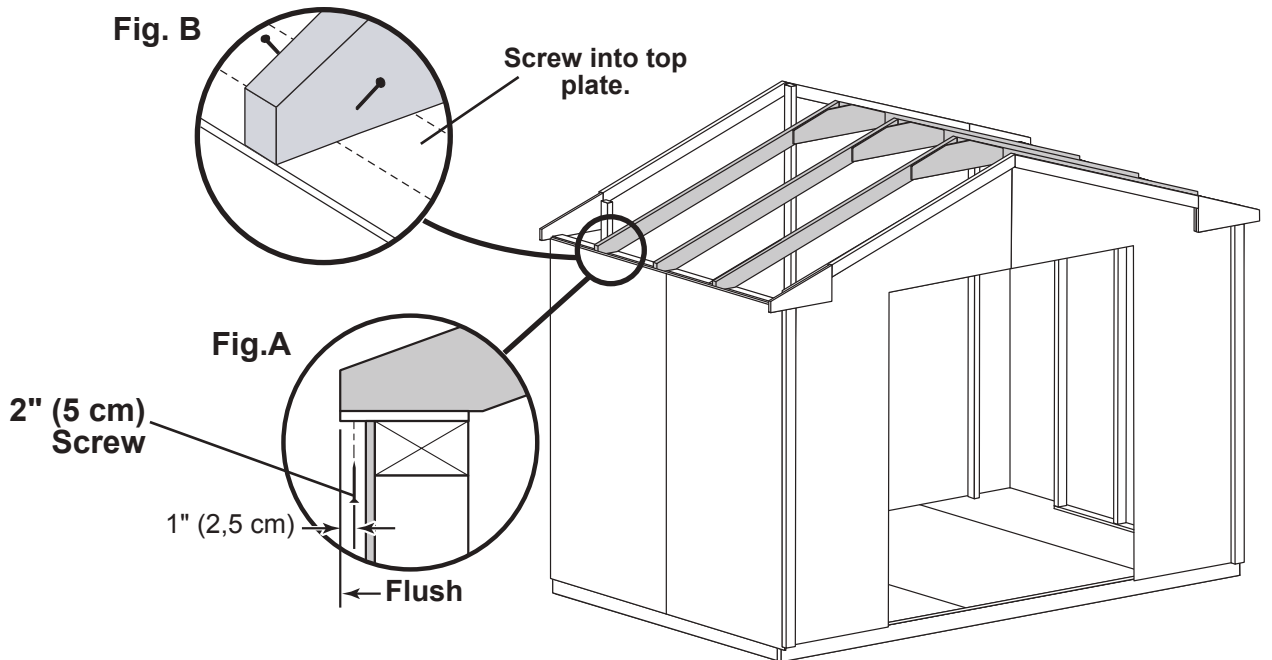
✓ BEGIN

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

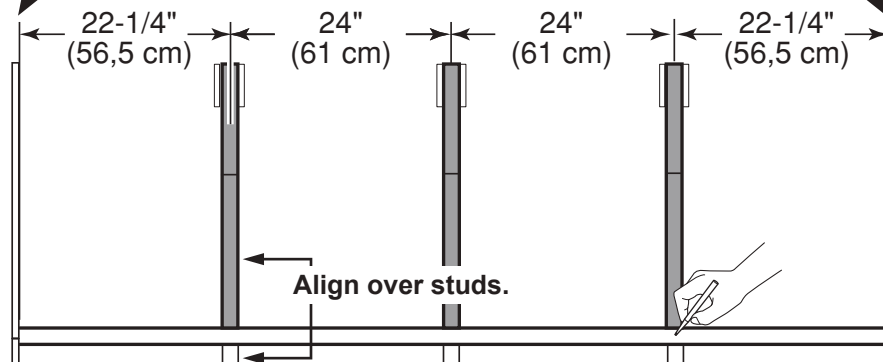


FINISH

- 4 You have attached your rafters.



NOTE: Measurements from inside of panels



Maintain the measurements between rafters.

ROOF PANELS

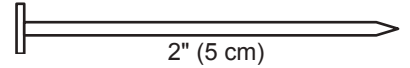
PARTS REQUIRED:

x2



7/16 x 48 x 96"
(1,1 x 122 x 244 cm)

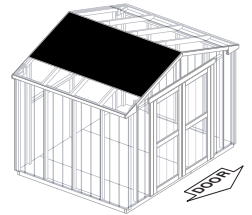
x 4



! Roof panels may cause serious injury until securely fastened.



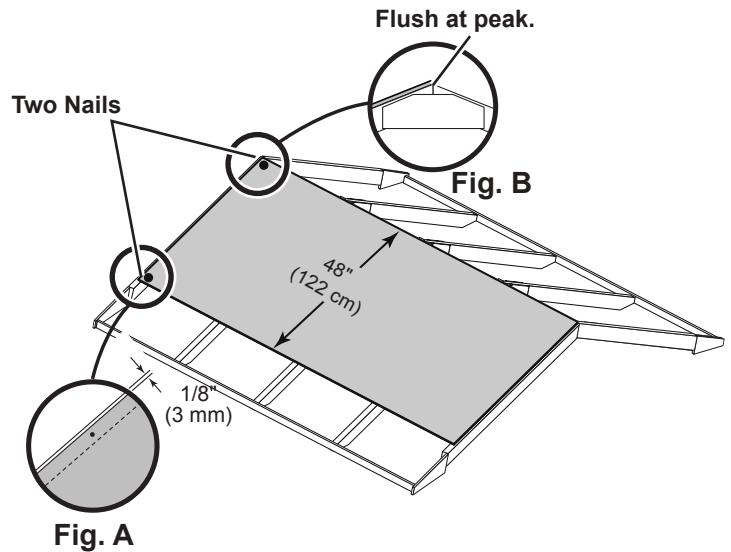
You must square the roof by attaching one panel first. You will use the panels' long edge as a lever to bring your roof into square. Commonly known as "racking".



✓ BEGIN

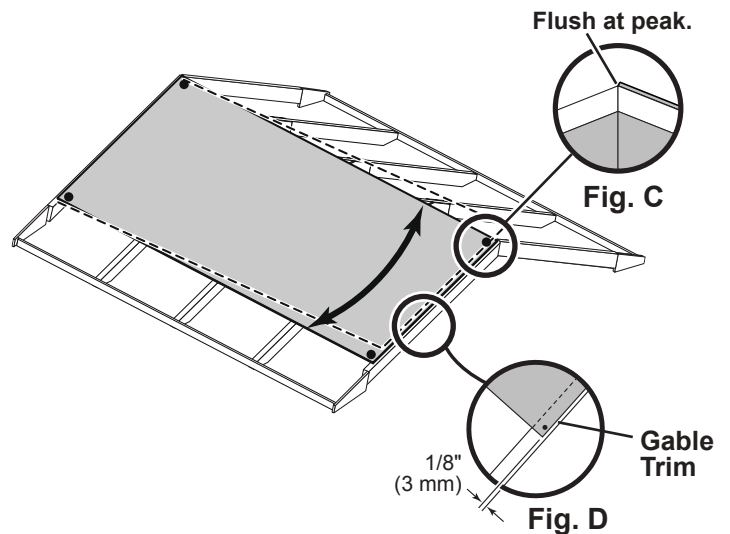
- 1 Attach the **48 x 96"** panel with the rough side up (painted-grid lines side) with a **1/8"** measurement on the rafter (**Fig A**) and the panel flush at the peak (**Fig. B**).

Secure panel with two 2" 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 **1/8"** measurement to the gable trim (**Fig. D**).

You may need to move your backwall to get the **1/8"** measurement. Secure panel with two 2" nails in the corners.



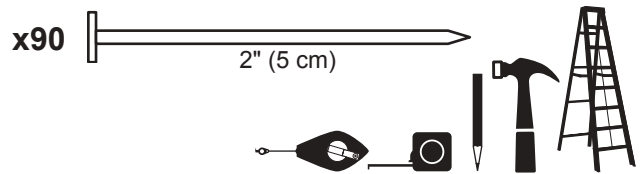
ROOF PANELS

PARTS REQUIRED:

x2



7/16 x 19 x 96"
(1,1 x 48 x 244 cm)



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

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

Nail the roof panel using 2" nails 6" apart on edges and 12" apart inside panel (**Fig. F**).

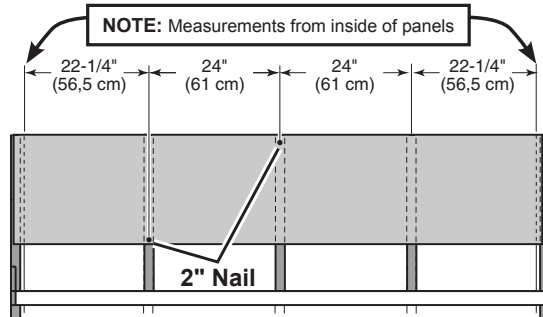


Fig. E

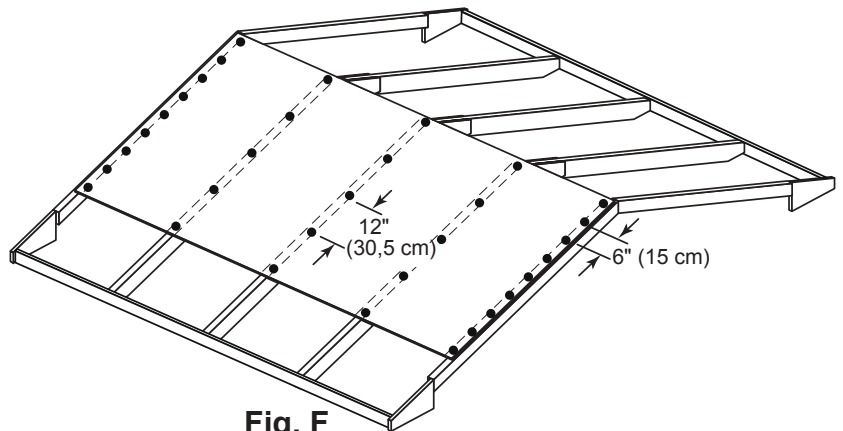


Fig. F

- 4** Attach the lower roof panels flush to the upper panels and with a 1/8" measurement at the gable trim (**Fig. G**).

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

Repeat process to attach roof panels on the opposite side.

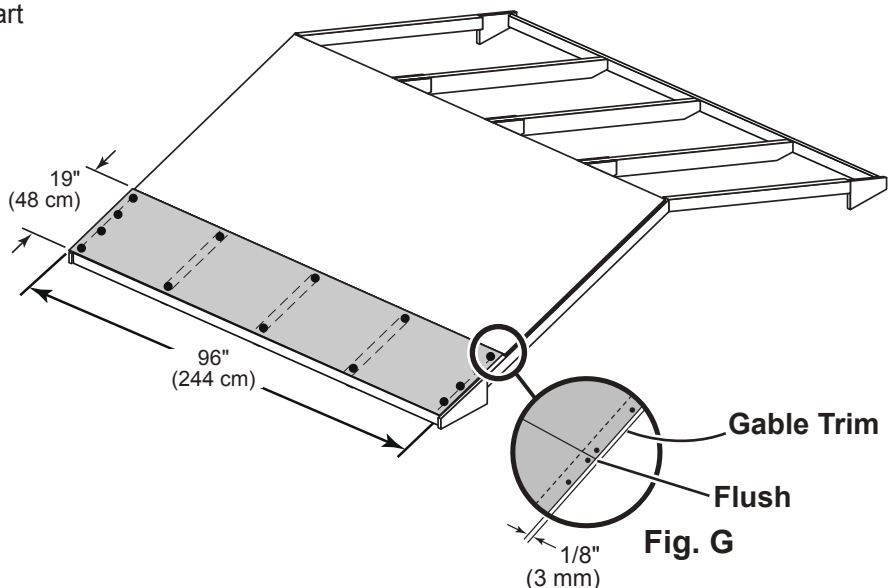
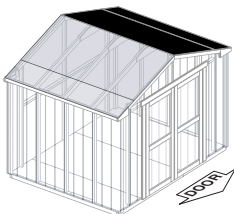
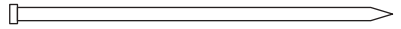


Fig. G

TRIM

PARTS REQUIRED:

x2 **HS**
1 x 3 x 94-3/4" (2,5 x 7,6 x 240,6 cm)

x20  2" (5 cm)



✓ **BEGIN**

1 Attach fascia trim flush under roof panel (**Fig. A**) and endcaps at ends of rafters (**Fig. B**) using 2" (5 cm) nails as shown.

2 Repeat steps to attach fascia trim on both sides.



FINISH

3 You have attached your fascia trim.

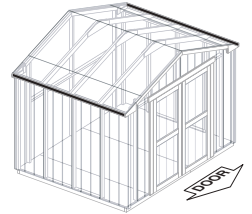


Fig. B

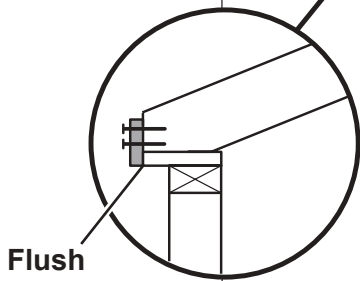
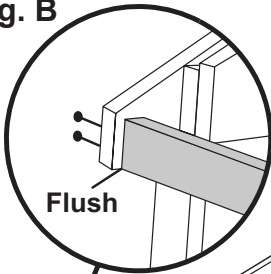
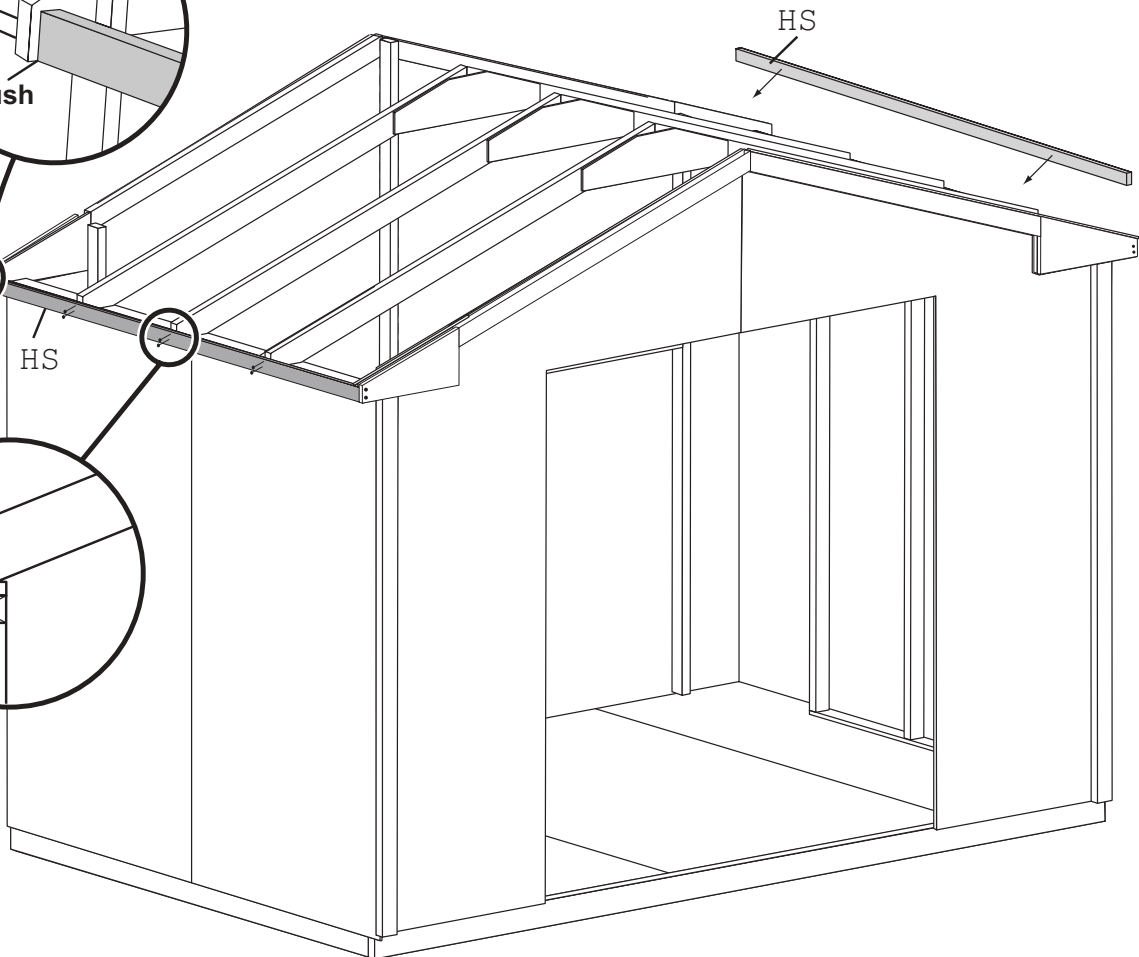
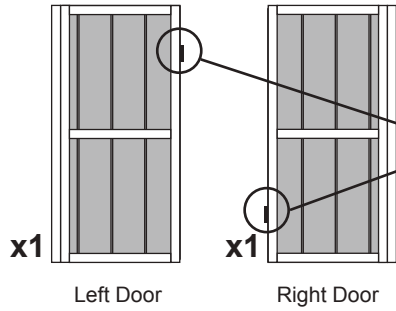


Fig. A



DOORS

PARTS REQUIRED:



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

x2 1-1/4" (3 cm)

x2 2" (5 cm)

x4 3" (7,6 cm)

x1 **ZJ**
5/8 x 3 x 72" (1,6 x 7,6 x 183 cm)

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

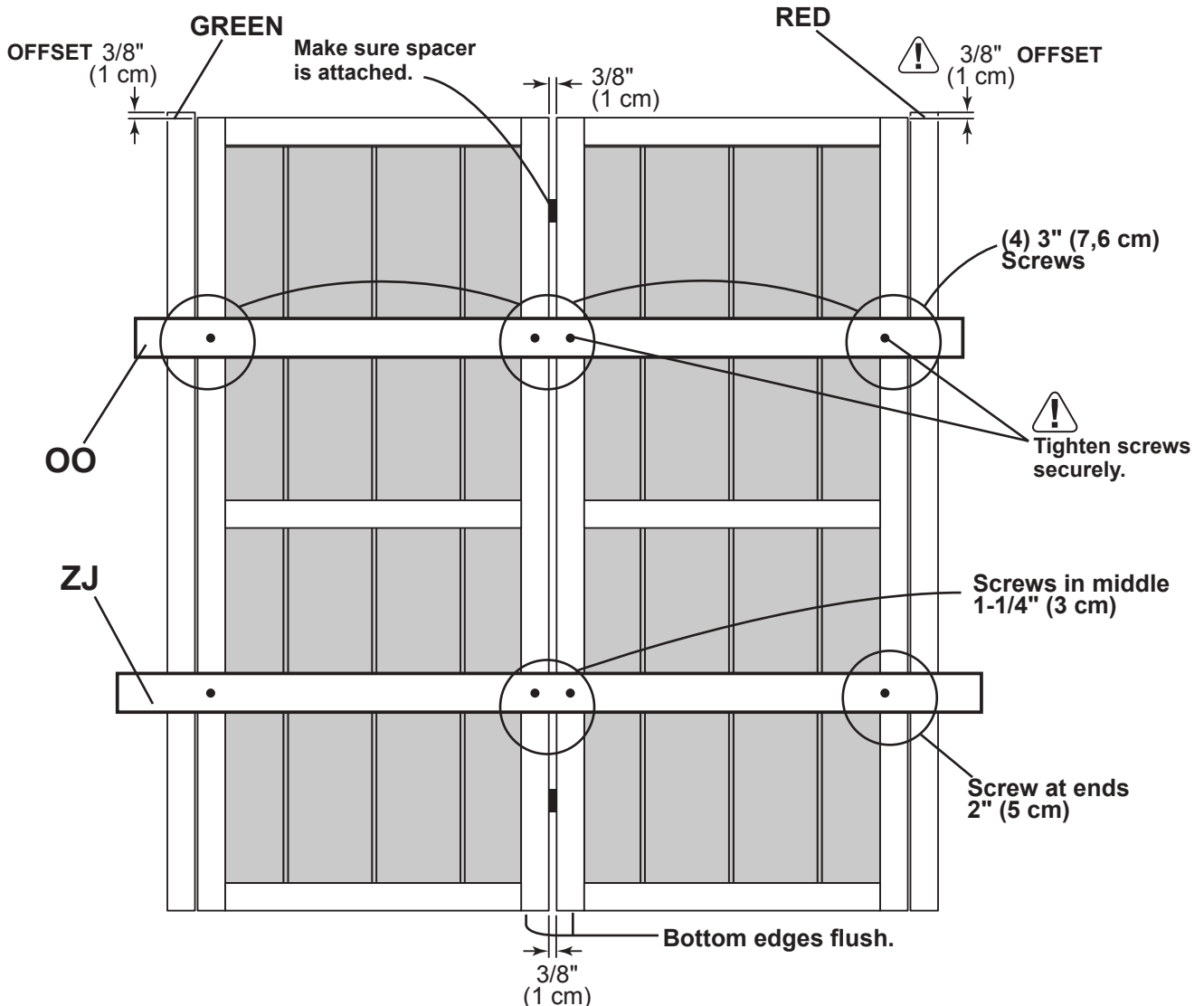
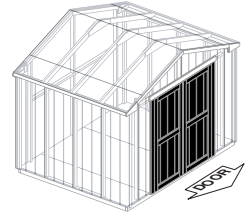


✓ BEGIN

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 support **OO** with 3" screws in middle and at ends. Tighten securely.

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




DOORS


PARTS REQUIRED:

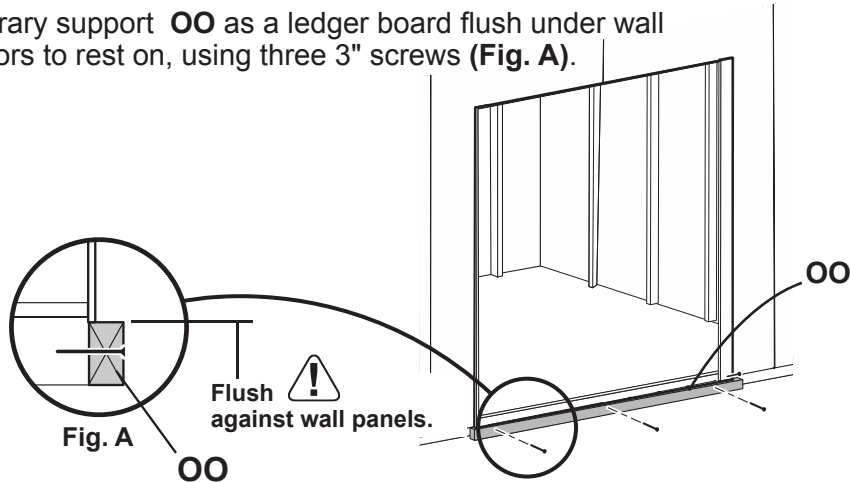
x1  69" Door Stiffener (175,3 cm)

x7

 3" (7,6 cm)



- 3 Attach temporary support  as a ledger board flush under wall panels for doors to rest on, using three 3" screws (Fig. A).



- 4 Center doors on right edge of groove as shown (Fig. B).



 Check ledger board is still flush under panels.

- 5 Screw hinge boards into wall supports and floor using four 3" screws as shown.

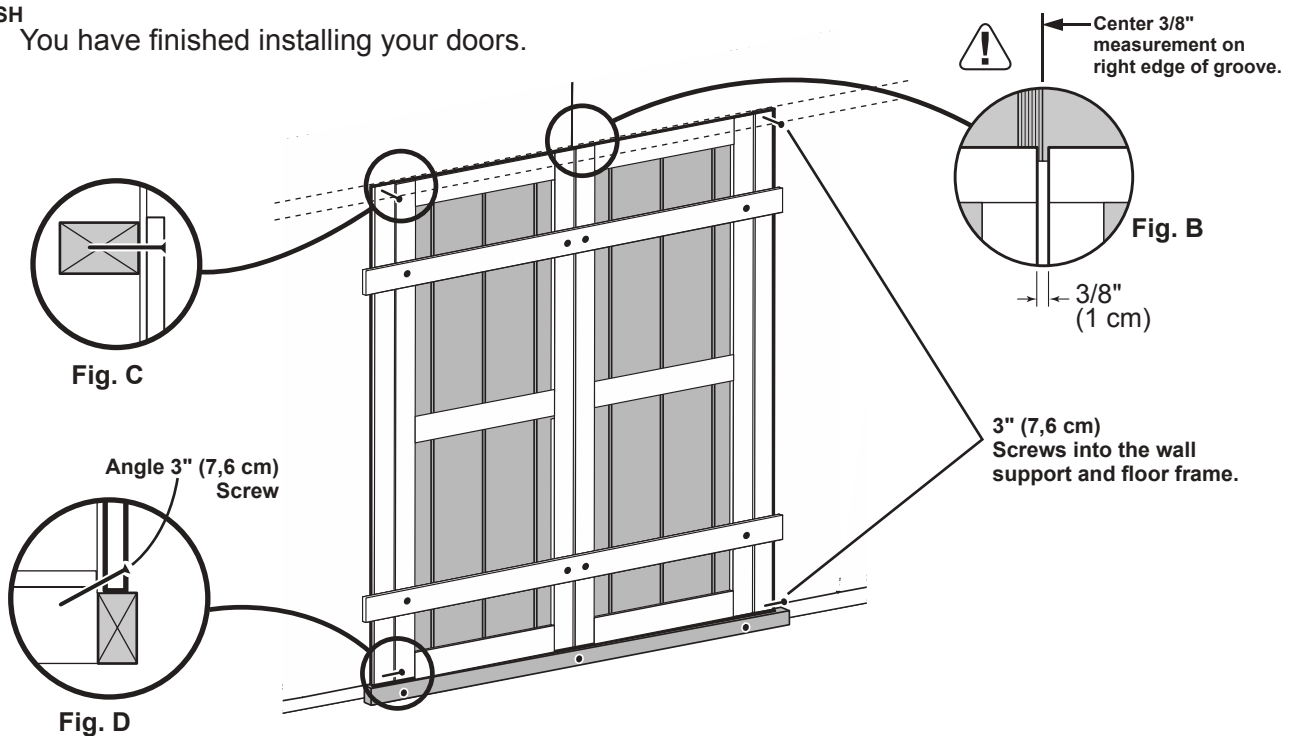
 Make sure screws go into framing and floor (Fig. C, D).

- 6 Remove temporary supports and check doors open properly.



FINISH

- 7 You have finished installing your doors.



DOOR

PARTS REQUIRED:

x1 **ZJ**
5/8 x 3 x 72" (1,6 x 7,6 x 183 cm)

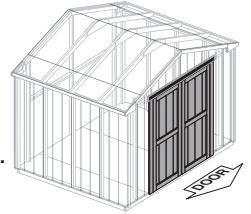
x1
64" Metal Threshold

2" (5 cm) x8
3/4" (1,9 cm) x52



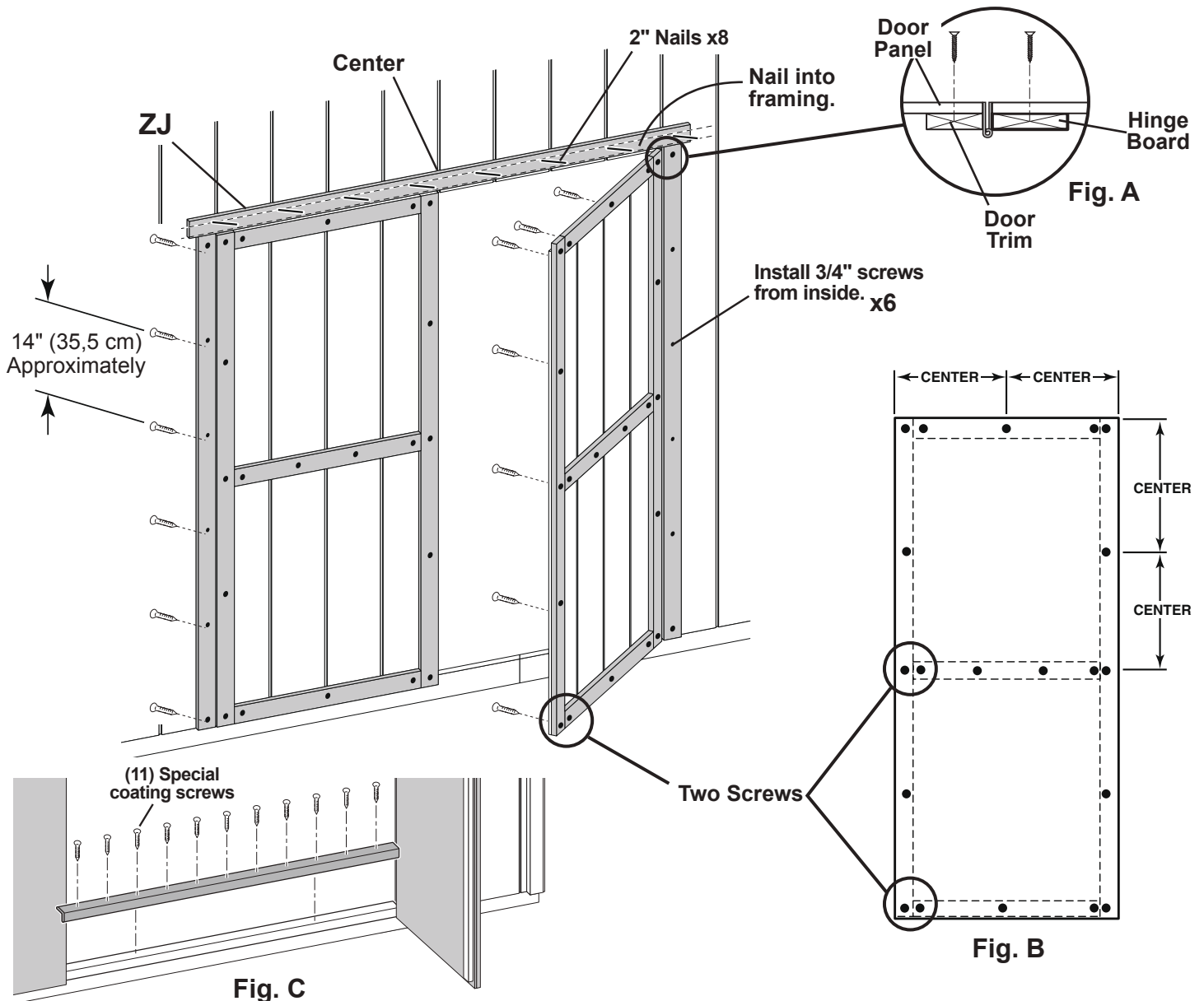
BEGIN

- 1 Secure hinge boards from inside using 3/4" screws as shown (Fig. A).
- 2 Reinforce the door trim using 3/4" screws through door panel into trim (Fig. A). Locate screws as shown in Fig. B. Use two screws at seams.
- 3 Center trim **ZJ** over doors and secure using eight 2" finish nails into framing as shown.
- 4 Center metal threshold between doors and secure using eleven 3/4" special coating screws into floor as shown (Fig. C).



FINISH

- 5 You have finished securing your door and trim.

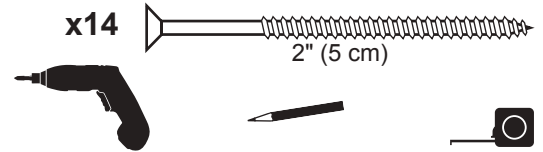


DOOR WEATHERSTRIP

PARTS REQUIRED:

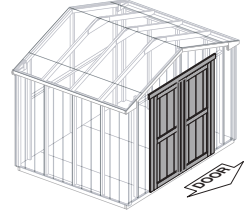
x2 **OO**
69" Door Stiffener (175,3 cm)

x14



BEGIN

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



FINISH

- 5 You have finished installing your door weatherstrips.

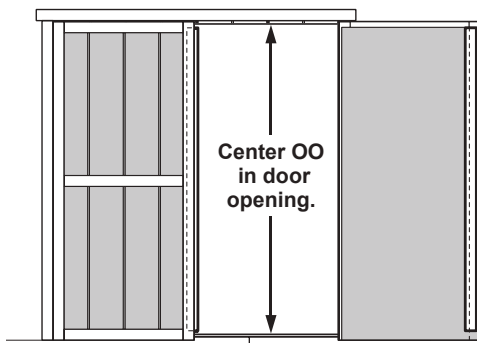


Fig. A

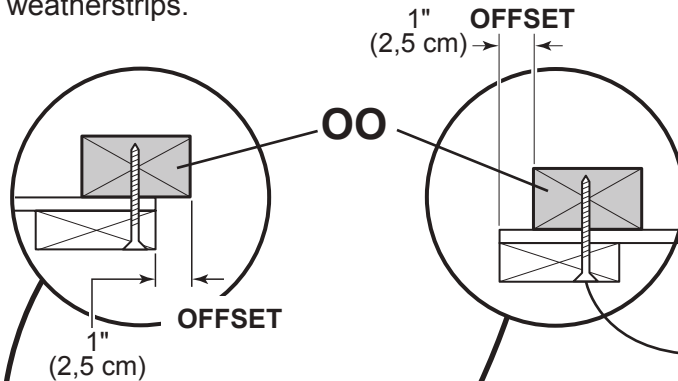
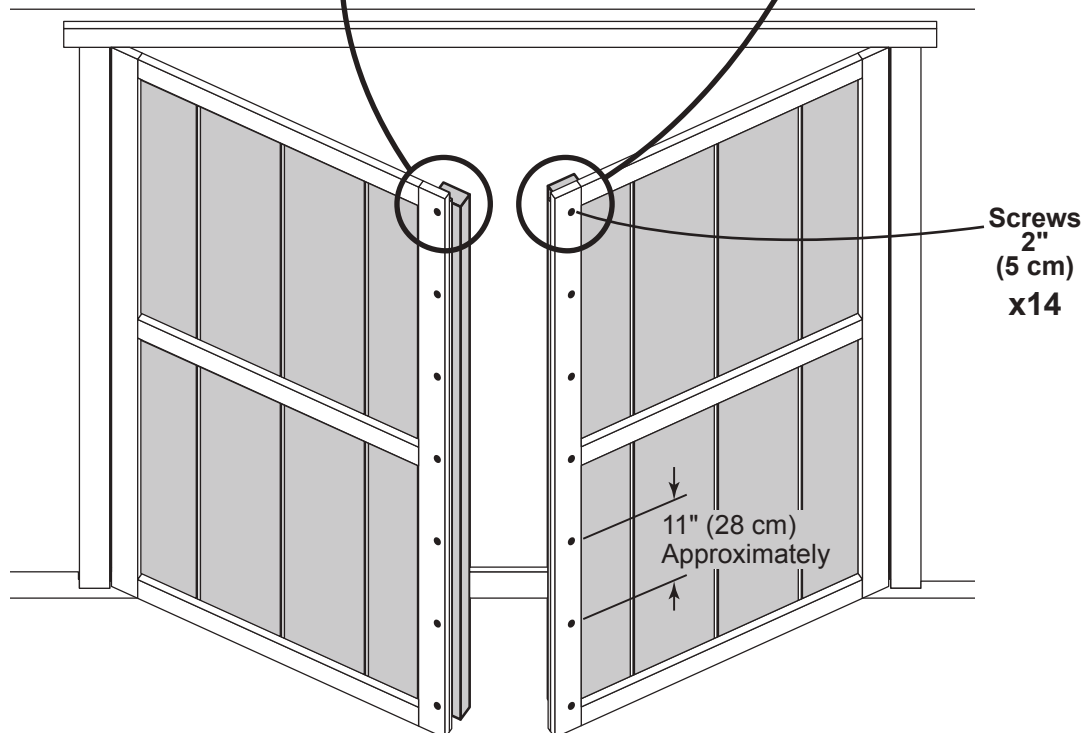
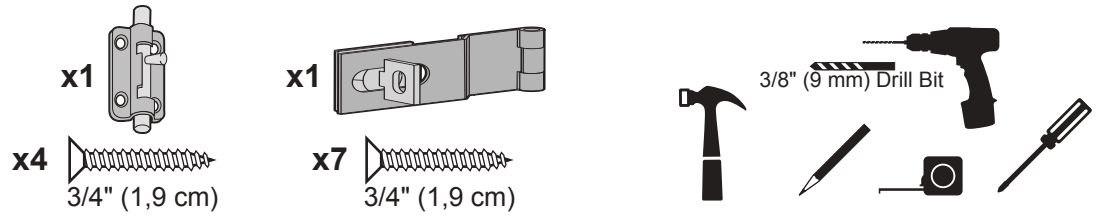


Fig. B



DOOR HARDWARE

PARTS REQUIRED:



✓ BEGIN

1 Mount barrel bolt flush at top of **OO** on left door using 3/4" screws as shown (**Fig A**).

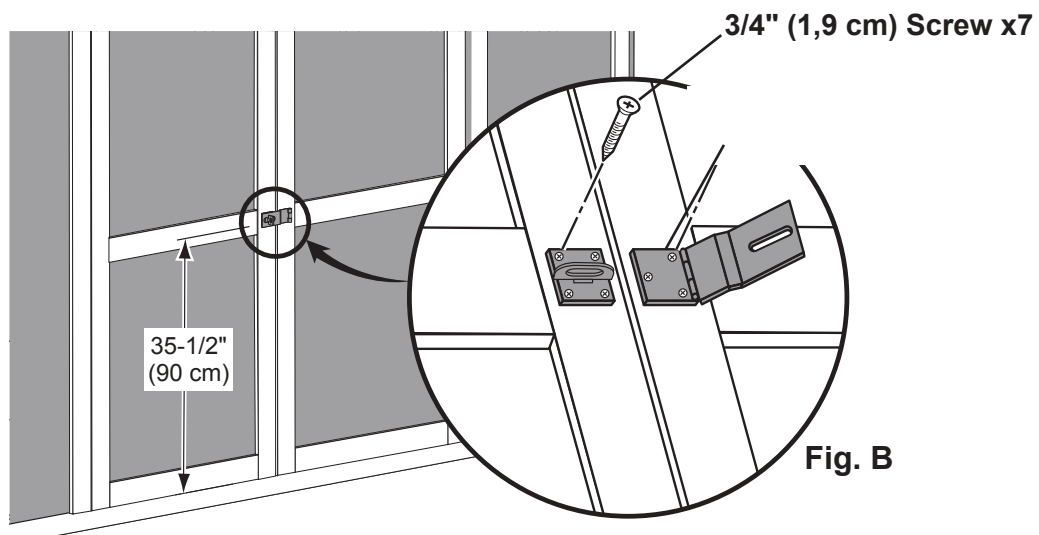
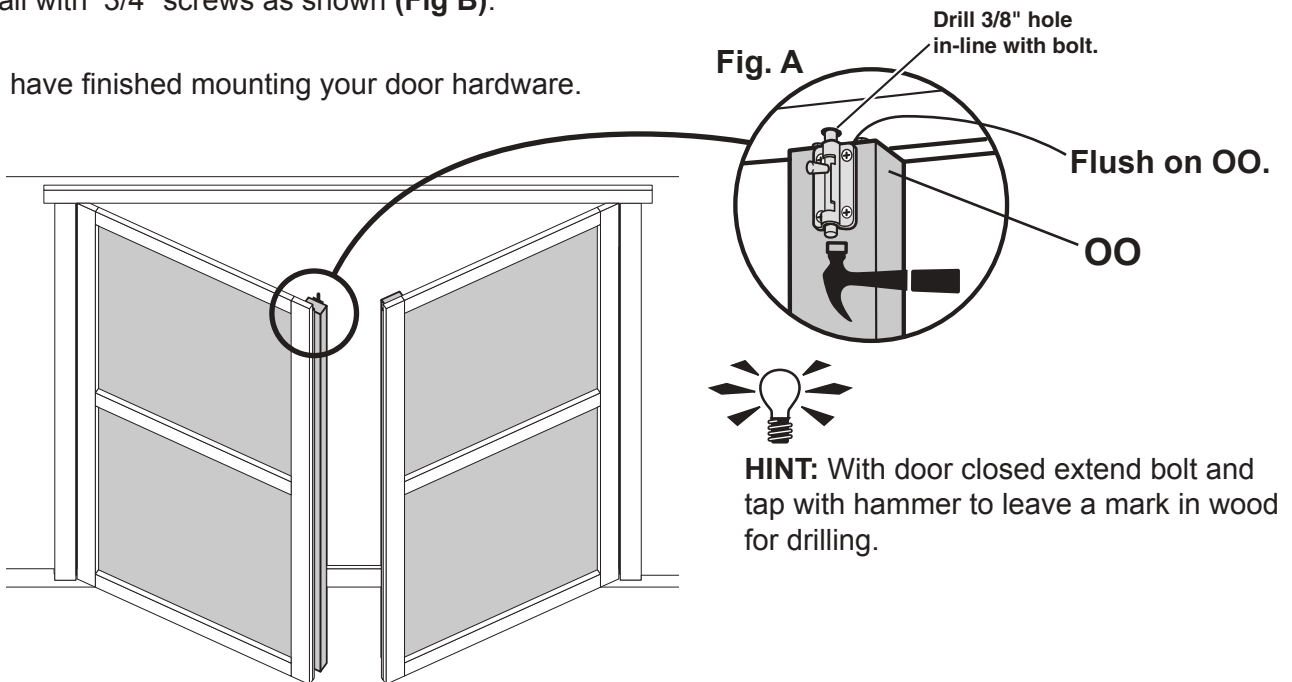
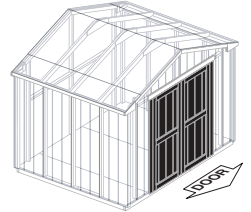
2 With door closed mark hole location for bolt to extend into.

HINT: Extend bolt to leave a mark in wood. Tap bolt with hammer. Drill 3/8" hole deep enough for bolt to slide into.

3 Install hasp on right door and latch on left door. Bottom edge of hasp is 35-1/2" (90 cm) up from bottom edge of door trim. Measure and mark locations and install with 3/4" screws as shown (**Fig B**).

FINISH

4 You have finished mounting your door hardware.




DOOR TRIM

PARTS REQUIRED:

x8 

5/8 x 4 x 14" (1,6 x 10 x 35,6 cm)

x18 
3/4" (1,9 cm)



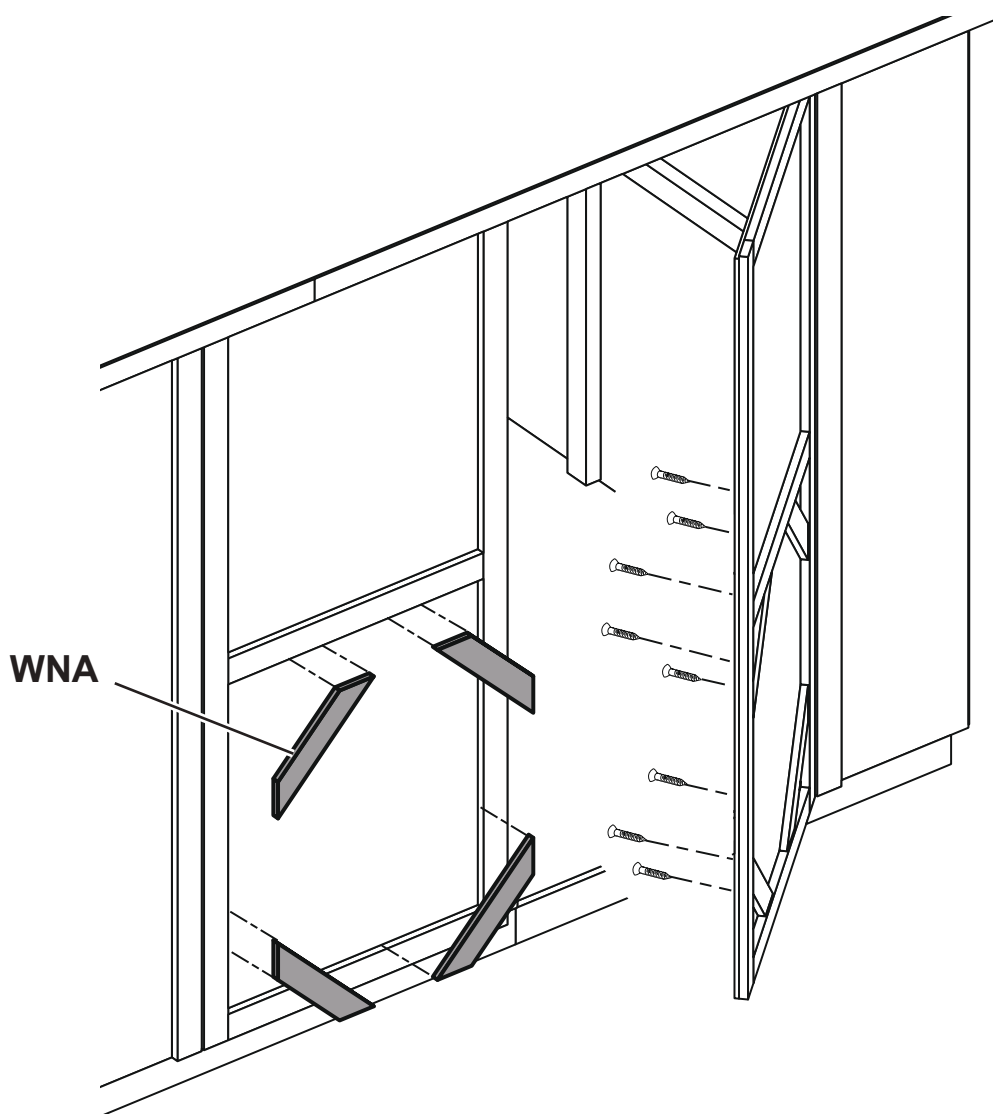
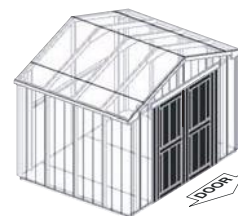
✓ BEGIN

- 1 Position parts on lower pane of Door Panel, as shown.
- 2 Attach each using two 3/4" (19 mm) screws as shown.



FINISH

- 3 You have finished attaching your door trim.



PAINT & CAULK

- NOT INCLUDED -



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

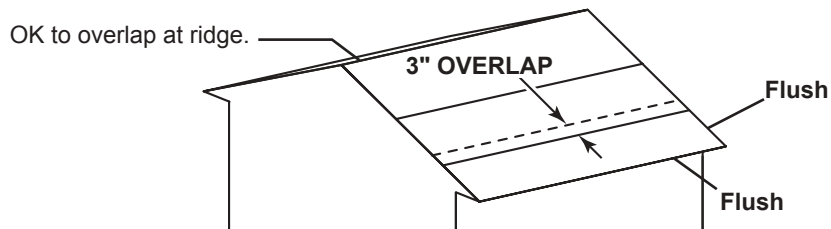
Note:

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

ROOF FELT

- NOT INCLUDED -

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

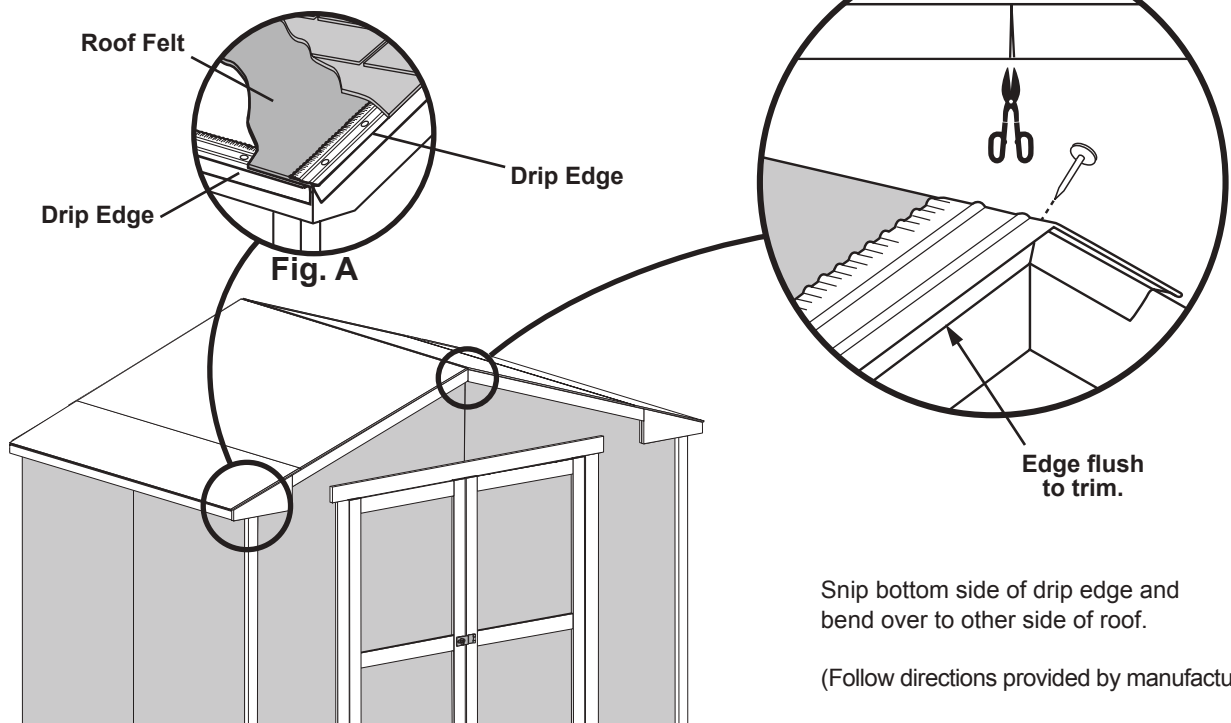


DRIP EDGE

- NOT INCLUDED -



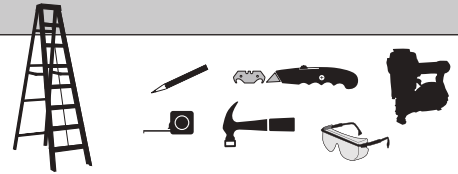
- Install over roof felt or over roof felt on gable side and under roof felt on eave side (**Fig. A**).
- Do not use nails on side of drip edge that hangs over side of building.
- Only nail top of drip edge as shown.



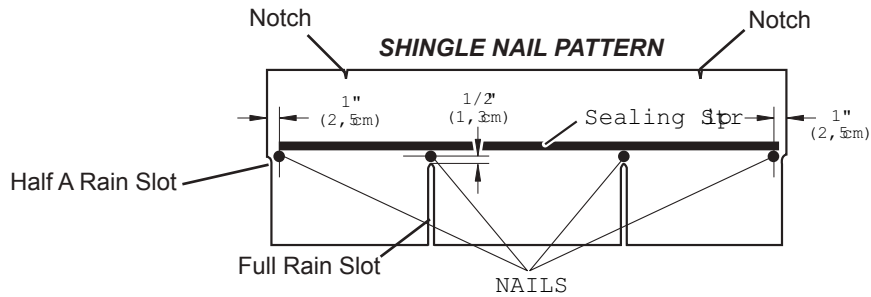
SHINGLES

- NOT INCLUDED -

- Follow directions provided by manufacturer and these instructions.



- ⚠ Familiarize yourself with a 3-Tab Shingle.

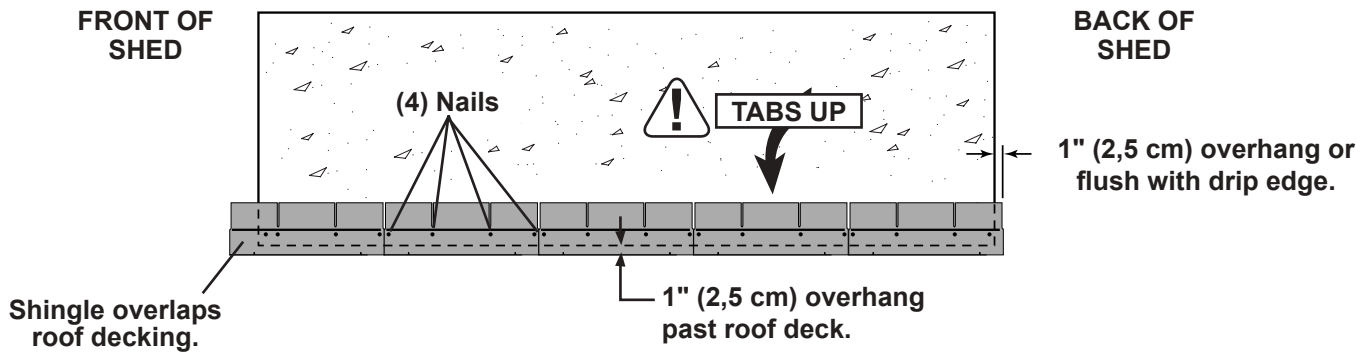


- ⚠ NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

✓ 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.

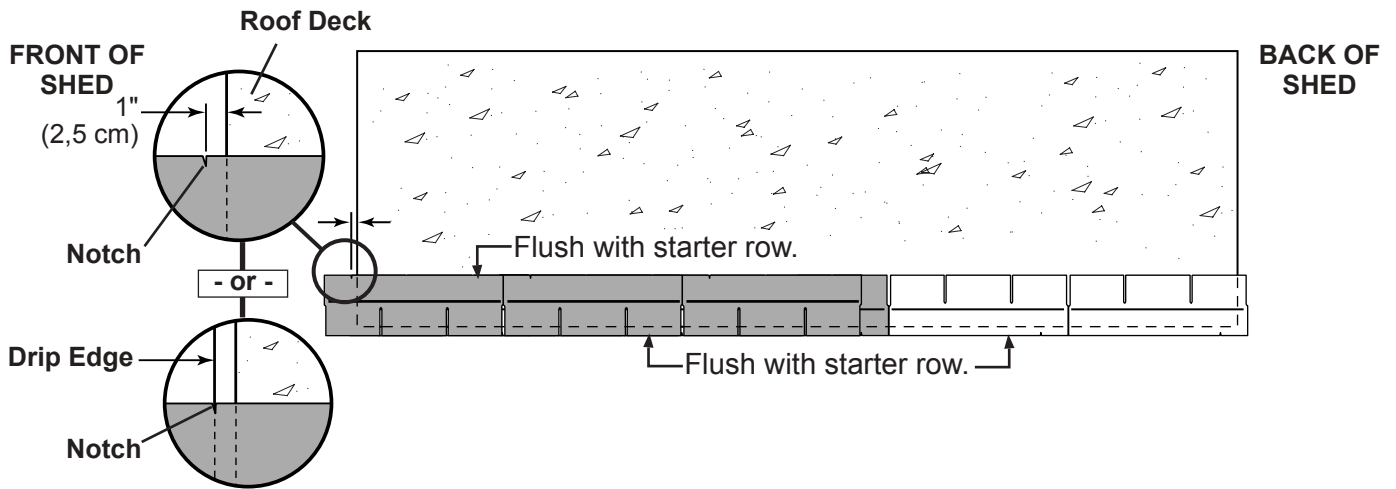
NOTE: If you have installed drip edge install shingles flush to drip edge.



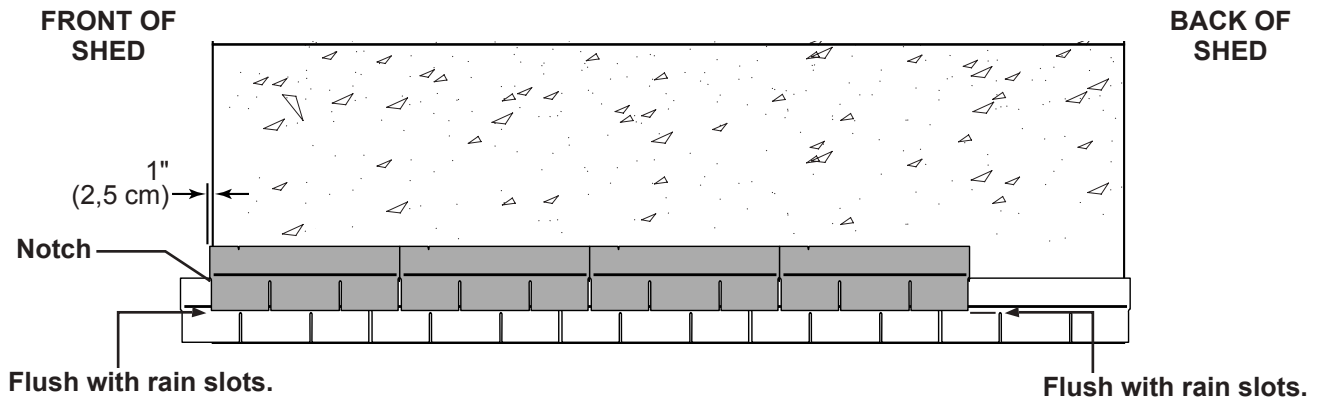
SHINGLES

continued...

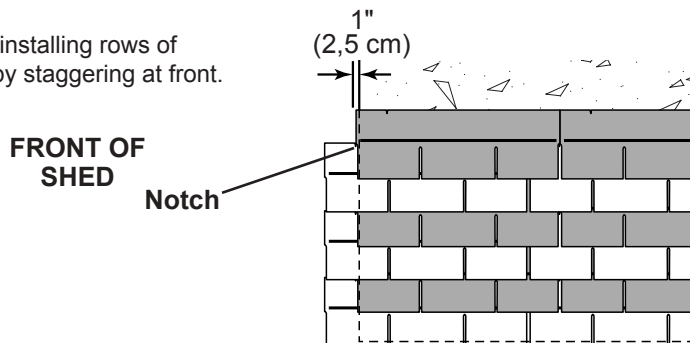
- 2** Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



- 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.



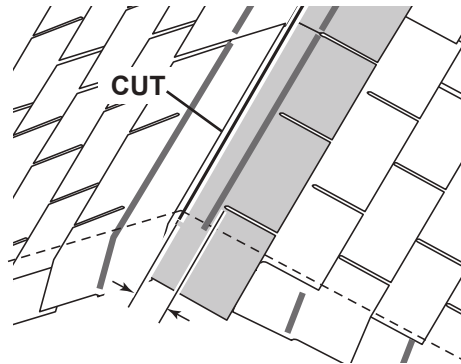
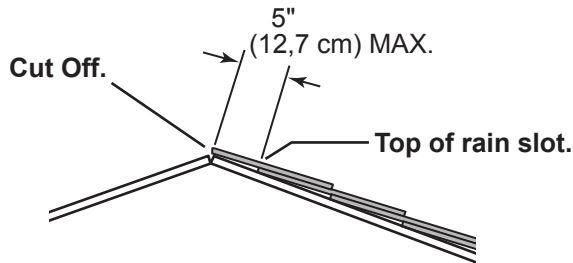
- 4** Continue installing rows of shingles by staggering at front.



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.

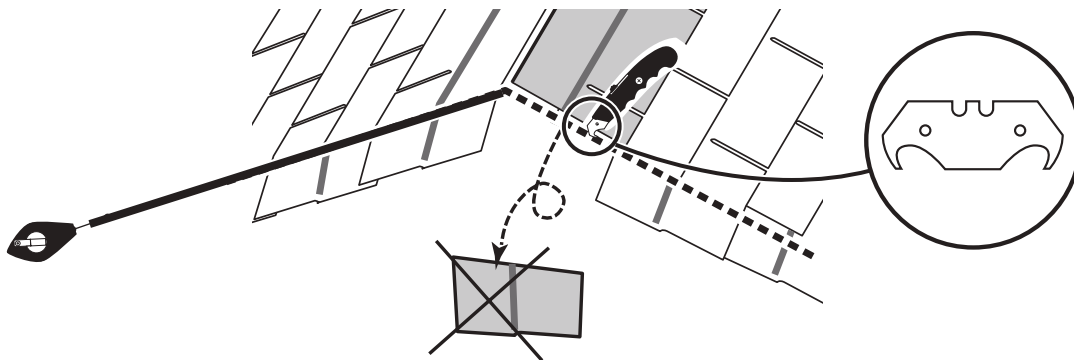


- !** • If more than 5" to rain slot you must install another row of shingles.

- 6** Repeat steps 1 - 7 to shingle the opposite side of your roof. Trim shingles at ridge.

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

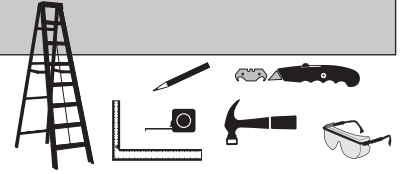
- 8** Using your shingle hooked blade carefully cut shingles along chalk line.



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

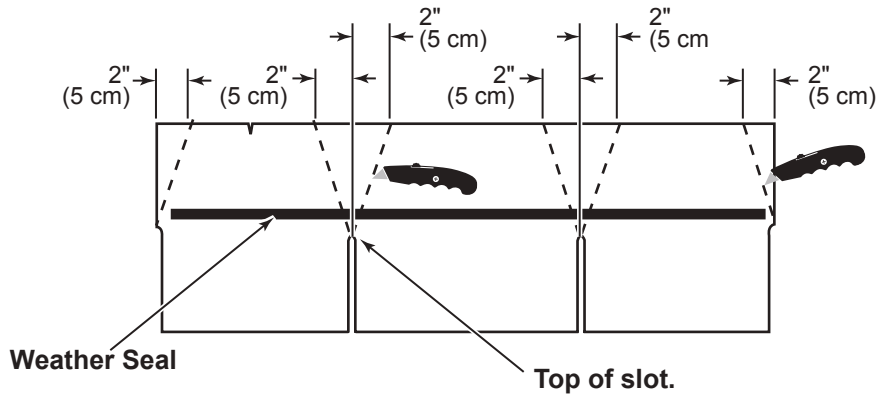
SHINGLES - RIDGE CAP

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



✓ BEGIN

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

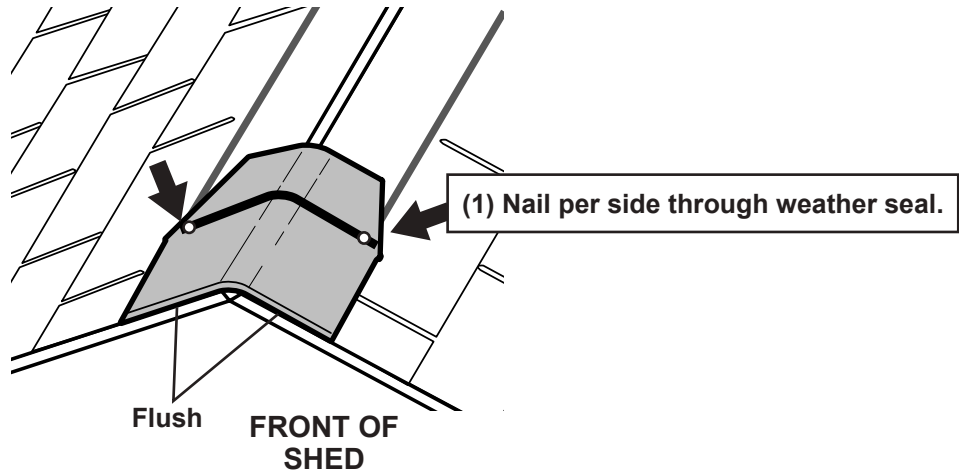


 Score shingle, then snap-off angled cut.

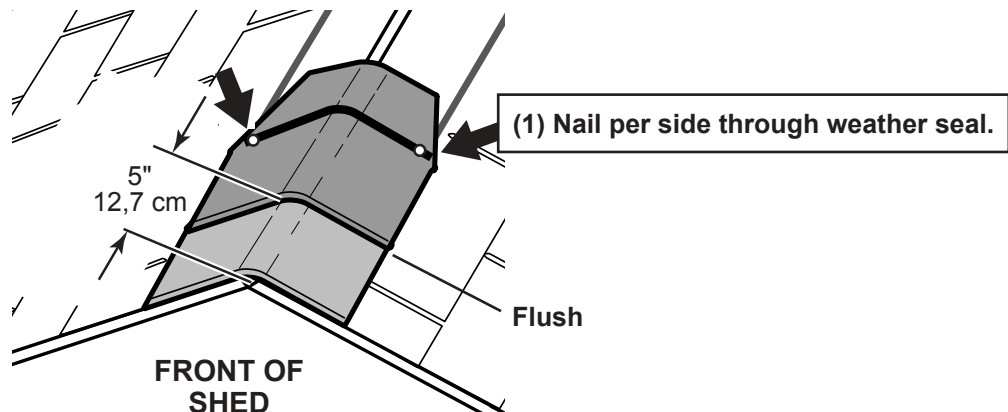
Note: • You will need about 20 - 22 cut pieces.

20 to 22 Pieces

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



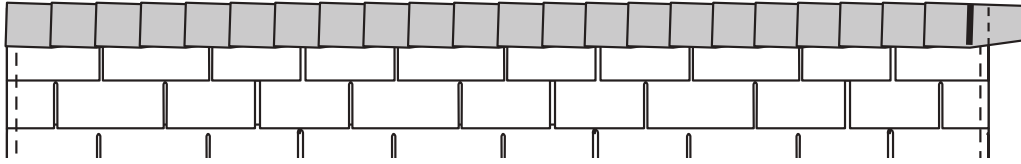
- 3 Install second ridge cap 5" back, as shown.



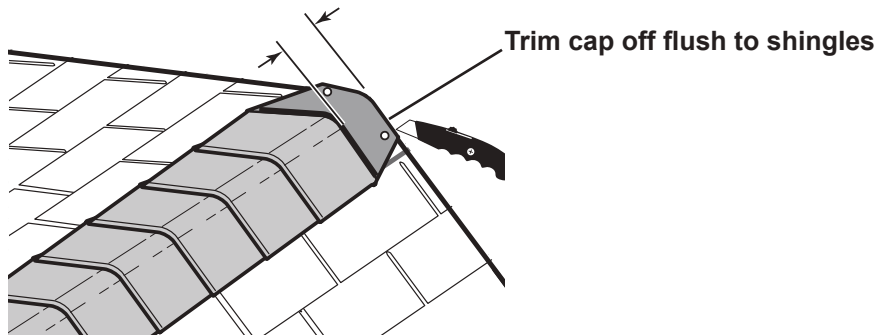
SHINGLES - RIDGE CAP

continued...

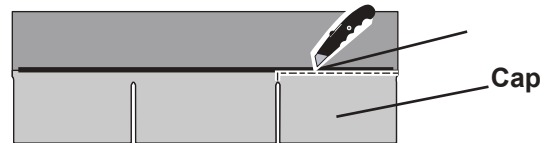
- 4 Continue installing ridge cap to back of roof.



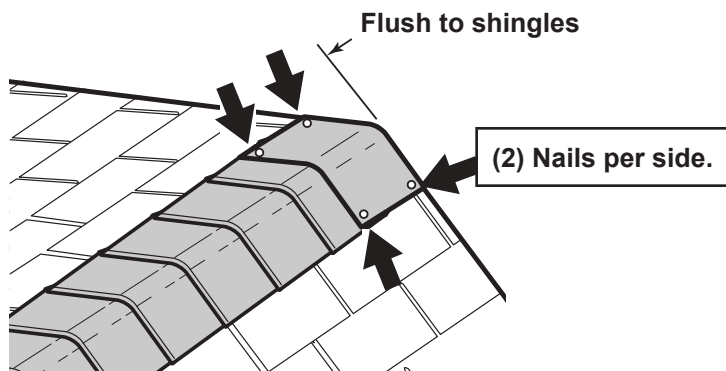
- 5 Make sure there is 4" between the shingle-color and edge of shingles.



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



- 7 Install flush to shingles.



- 8 You have finished your ridge cap.

LIMITED CONDITIONAL WARRANTY*

Backyard Storage Solutions, LLC warrants the following:

1. Every product is warranted from defects in workmanship and manufacturing for 1 year.
2. All accessories, hardware and metal components are warranted for 2 years.
3. All Oriented Strand Board (OSB) is warranted for 2 years
4. Siding and Trim is warranted for 10 years.
5. Solar Shed windows are warranted for 1 year.
6. Cedar lumber is warranted for 15 years.
7. Preserved Pine is warranted for 10 years.
8. Redwood is warranted for 10 years.

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

CONDITIONS

The warranty is effective only when:

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

REQUIREMENTS

Storage Buildings

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

Gazebos & Pergolas

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

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

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

CLAIM PROCEDURE

To make a claim under this warranty, you can either call 1-888-827-9056 or email: customerservice@backyardproducts.com.

Please have ready the information below when you call or include the information in your email:

1. The model and size of the product.
2. A list of the part(s) for which the claim is made.
3. Proof of purchase of the Backyard Storage Solutions, LLC item, as shown on the original invoice or receipt.
4. Run code: found on exterior product label or assembly instructions enclosed in the product package.

All other inquiries can be mailed to:

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

***WARRANTY TERMS MAY VARY OUTSIDE THE U.S.A.**

IMPORTANT: This is your warranty certificate.

10Y MV LDR: 3/20/2019