

16960-B

PART 1



STOP

DO NOT RETURN TO THE STORE!

If you discover missing or damaged parts,
or if you have questions about the building process,
please reach out to us directly for the fastest service.

24/7 Support

help.backyardproducts.com



- Answers to frequently asked questions
- Technical assistance and how-to videos
- Submit a help request
- Request replacement parts

Business Hours

(734) 242-6900

Monday - Friday 8:00am - 6:00pm EST
Saturday - Sunday Closed



Did you enjoy building your shed?

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AND MAKE UP TO \$1,500/WEEK*

Call a Recruiter Today! 734-365-7000



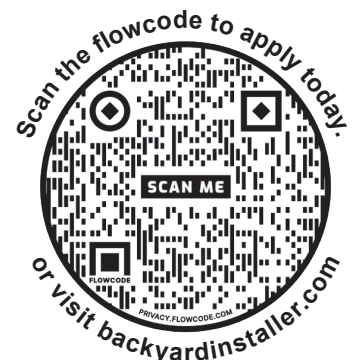
Flexible schedule



No selling,
just building



Bonus incentives
available



*based on number of completed installations

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GABLE 10' x 12' (305 x 366 cm)**PART 1**

ACTUAL FLOOR SIZE IS 120" x 144" (304,8 x 365,8 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE**Standard Wall Layout****Door and Window Options****⚠ IMPORTANT! ⚠****READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY.****BEFORE YOU BEGIN****• BUILDING RESTRICTIONS AND APPROVALS**

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

• ENGINEERED DRAWINGS

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

• SURFACE PREPARATION

To ensure proper assembly you must build your shed on a level surface. Recommended methods and materials to level your shed are listed on page 12.

• CHECK ALL PARTS

Inventory all parts listed on pages 4 - 10.

• ADDITIONAL MATERIALS

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

*****CONTACT OUR CUSTOMER SERVICE TEAM
IF ANY PARTS ARE MISSING OR DAMAGED*******- Order form and warranty at back of manual -****Call: 1-734-242-6900 email: customerservice@backyardproducts.com**

TOOLS

Required

Phillips Screwdriver 

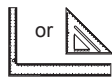
Drill / Driver 
 1/8" Drill Bit
 1/4" Drill Bit
 5/16" Drill Bit
 1/2" Drill Bit
 #2 Philips Drive Bit

Hammer 

Level 

Pencil 

Tape Measure 

Square  or 

Utility Knife 

Shingle Blades 

Caulk Gun 

Paint Tools 

Safety Glasses 

Hand Saw 

Ladder 

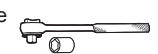
Optional

Tool Belt/ Nail Pouch 

Tin Snips (for drip edge) 

Chalk Line 

Nail Gun 
 • gun nails

Ratchet Handle 
 • 3/8" Socket

Pliers 

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.

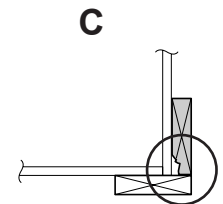
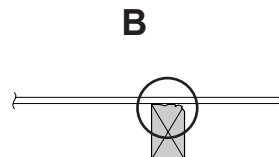
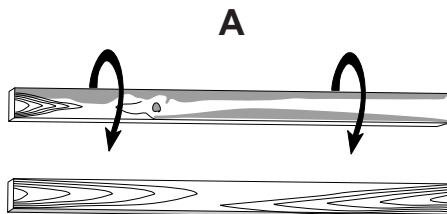


= Level

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.)



ADDITIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

- This shed does not include leveling materials.
- See the FLOOR LEVELING section on page 12 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.
- This shed may or may not include floor materials.
- If your shed purchase includes a floor, refer to pages 15-20 for assembly.
- If you choose to install your kit on a concrete slab, refer to page 13.
- If you choose to build your own floor, see page 14 for materials.

COMPLETING YOUR SHED

You will need these additional materials:

☐ **3-TAB SHINGLES** 7 Bundles

☐ **1" GALVANIZED ROOFING NAILS.... 5 Lbs**
For shingles.

☐ **PAINT FOR SIDING** 3 Gallons
Use 100% acrylic latex exterior paint. (2) coats recommended.

☐ **PAINT FOR TRIM** 3 Quarts
Use 100% acrylic latex exterior paint.

☐ **CAULK** 3 Tubes
Use acrylic latex exterior caulk that is paintable. 

FRAMING NAILS

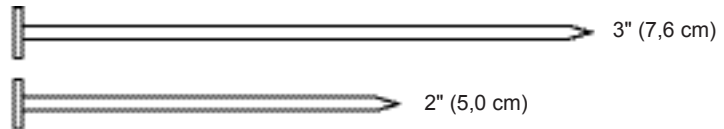
Boxed Nails - Or - *Nail Gun* **Strip/Coil Nails**

☐ **x7 lbs.**

☐ **x500**

☐ **x7 lbs.**

☐ **x1450**



OPTIONAL MATERIALS

☐ **DRIP EDGE** 60 Feet

☐ **#15 ROOFING FELT**
To cover 196 Sq. Ft. of roof area.

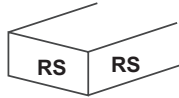
☐ **1" GALVANIZED ROOFING NAILS.....1/4 Lb**
For roofing felt.

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

NOTES

PARTS IDENTIFICATION AND SIZES (BOX A)

Part identification letters are 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)

PARTS LIST (BOX A)

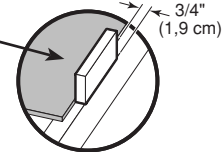


INVENTORY YOUR PARTS before you begin.

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

WALLS

- ☐ **x1** GAA 1 x 3 x 5" (2,5 x 7,6 x 12,7 cm) Gauge Block for 3/4" (1,9 cm) measurement
- ☐ **x5** UY 2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)
- ☐ **x8** CWG 2 x 4 x 13-3/16" (5,1 x 10,2 x 33,5 cm)
- ☐ **x8** AO 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)
- ☐ **x4** UV 2 x 4 x 23-1/4" (5,1 x 10,2 x 59,1 cm)
- ☐ **x2** RL 2 x 4 x 24" (5,1 x 10,2 x 61 cm)
- ☐ **x6** STL 2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)
- ☐ **x2** SP 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
- ☐ **x6** YFA 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
- ☐ **x24** AI 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
- ☐ **x2** TJ 2 x 4 x 92-1/2" (5,1 x 10,2 x 235 cm)
- ☐ **x3** IDD 2 x 4 x 95-1/4" (5,1 x 10,2 x 241,9 cm)
- ☐ **x5** TP 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

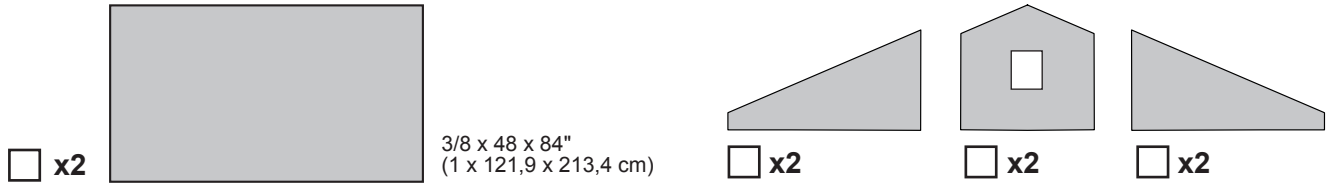


RAFTERS

- ☐ **x4** 3/8 x 3-1/4 x 5-7/8" (1,0 x 8,3 x 14,9 cm)
- ☐ **x17** GPC 2 x 4 x 4-3/8" (5,1 x 10,2 x 11,1 cm)
- ☐ **x4** 6" x 24" (15,2 x 61 cm) **OSB OR WOOD GRAIN** ⚠
- ☐ **x6** 4-13/16" x 24" (12,2 x 61 cm) **OSB OR WOOD GRAIN** ⚠
- ☐ **x5** BVT 2 x 4 x 61-1/4" (5,1 x 10,2 x 155,6 cm)
- ☐ **x2** 3/8 x 3-1/4 x 62" (1,0 x 8,3 x 157,5 cm)
- ☐ **x8** ECA 2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)
- ☐ **x13** ECN 2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)

PARTS IDENTIFICATION AND SIZES (BOX A)

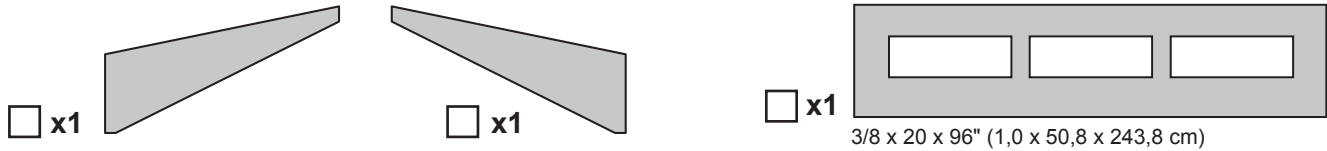
WALL PANELS / DOORS



DORMER WALL PANELS

Dormer panels are $\frac{3}{8}"$ (1,1 cm) thick.

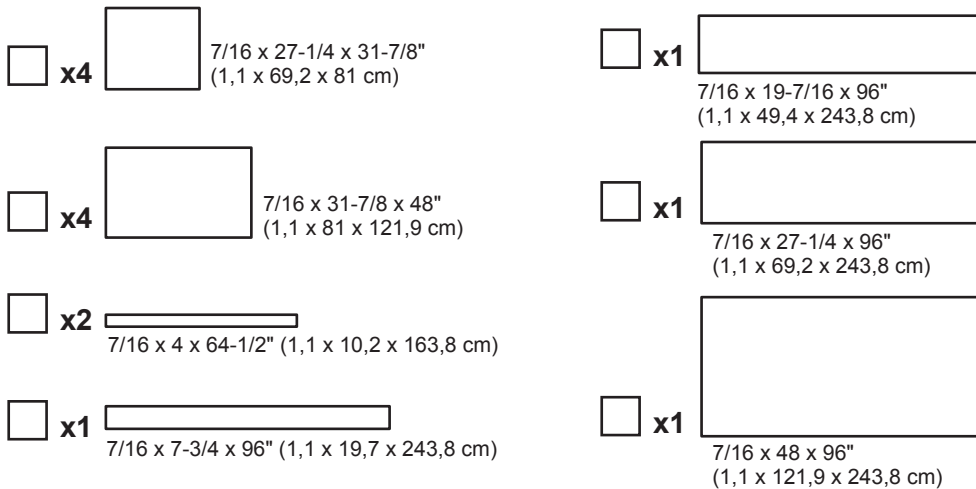
NOTE: Panel parts are not stamped.



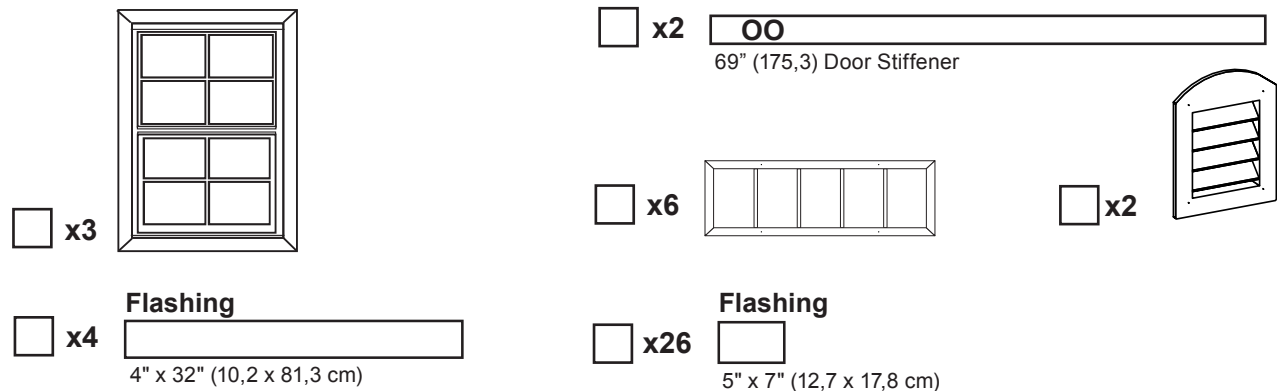
ROOF PANELS

Roof panels are $\frac{7}{16}"$ (1,1 cm) thick.

NOTE: Panel parts are not stamped.



WINDOWS / VENTS / FLASHING / DOOR PART

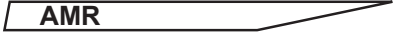
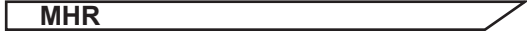


PARTS IDENTIFICATION AND SIZES (BOX A)

TRIM - SOFFIT - FASCIA

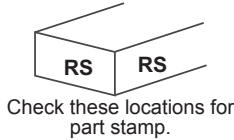
- ☐ **x4**  3/8 x 5-7/8 x 73" (1 x 14,9 x 185,4 cm)
- ☐ **x4**  3/8 x 7-3/8 x 73-5/16" (1 x 18,7 x 186,2 cm)
- ☐ **x2**  3/8 x 4-3/4 x 76-1/8" (1 x 12,1 x 193,4 cm)
- ☐ **x2**  3/8 x 4-3/4 x 76-1/8" (1 x 12,1 x 193,4 cm)
- ☐ **x4**  3/8 x 4-3/4 x 80-3/8" (1 x 12,1 x 204,2 cm)
- ☐ **x4**  3/8 x 2-1/2 x 81-3/4" (1,0 x 6,3 x 207,6 cm)
- ☐ **x4**  3/8 x 2-1/2 x 82-1/2" (1,0 x 6,3 x 209,6 cm)

DORMER TRIM and FRAMING

- ☐ **x4** **DLN**  19/32 x 3-1/2 x 9-1/8" (1,5 x 8,9 x 23,2 cm)
- ☐ **x1** **MFL**  19/32 x 2-1/2 x 13-11/16" (1,5 x 6,3 x 34,8 cm)
- ☐ **x1** **MFR**  19/32 x 2-1/2 x 13-11/16" (1,5 x 6,3 x 34,8 cm)
- ☐ **x2** **MEA**  19/32 x 2-1/2 x 15-1/8" (1,5 x 6,3 x 38,4 cm)
- ☐ **x3** **LV**  2 x 3 x 22-1/2" (5,1 x 7,6 x 57,1 cm)
- ☐ **x1** **BIB**  2 x 6 x 36-7/16" (5,1 x 15,2 x 92, cm)
- ☐ **x1** **NCF**  19/32 x 2-1/2 x 44-3/4" (1,5 x 6,3 x 113,7 cm)
- ☐ **x1** **AML**  19/32 x 2-1/2 x 46-9/16" (1,5 x 6,3 x 118,3 cm)
- ☐ **x1** **AMR**  19/32 x 2-1/2 x 46-9/16" (1,5 x 6,3 x 118,3 cm)
- ☐ **x2** **KNA**  2 x 4 x 52-1/2" (3,8 x 8,9 x 133,3 cm)
- ☐ **x1** **QNL**  19/32 x 3-1/2 x 58-5/8" (1,5 x 8,9 x 148,9 cm)
- ☐ **x1** **QNR**  19/32 x 3-1/2 x 58-5/8" (1,5 x 8,9 x 148,9 cm)
- ☐ **x1** **MLB**  19/32 x 2-1/2 x 61" (1,5 x 6,3 x 154,9 cm)
- ☐ **x1** **MHR**  19/32 x 2-1/2 x 64-1/2" (1,5 x 6,3 x 163,8 cm)
- ☐ **x1** **MHL**  19/32 x 2-1/2 x 64-1/2" (1,5 x 6,3 x 163,8 cm)
- ☐ **x1** **VV**  2 x 6 x 67-3/4" (5,1 x 15,2 x 256,5 cm)
- ☐ **x1** **LDB**  19/32 x 2-1/2 x 92-1/2" (1,5 x 6,3 x 235 cm)
- ☐ **x1** **OSA**  19/32 x 3-1/2 x 92-1/2" (1,5 x 8,9 x 235 cm)

PARTS IDENTIFICATION AND SIZES (BOX B)

Part identification letters are stamped on some parts.



Treated lumber is stamped:

TREATED

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

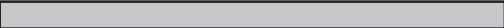
PARTS LIST (BOX B)



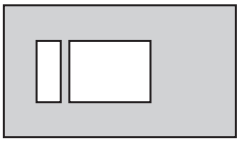
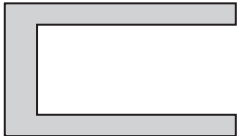
INVENTORY YOUR PARTS before you begin.

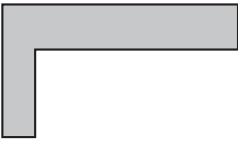
We suggest sorting parts by the category they are listed in.

WALL FRAMING

- ☐ x3 **AMA** 2 x 4 x 7-1/2" (5,1 x 10,2 x 35,6 cm)
- ☐ x3 **UY** 2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)
- ☐ x1 **AO** 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)
- ☐ x1  7/16 x 3-3/16 x 34-3/4" (1,1 x 8,1 x 88,3 cm) *OSB*
- ☐ x2 **QT** 2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)
- ☐ x2 **SP** 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
- ☐ x1  7/16 x 3-1/4 x 66-3/4" (1,1 x 8,3 x 169,5 cm) *OSB*
- ☐ x2 **AM** 2 x 4 x 67" (5,1 x 10,2 x 170,2 cm)
- ☐ x2 **YFA** 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
- ☐ x6 **AI** 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
- ☐ x2 **TP** 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

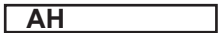
WALL PANELS

- ☐ x3  3/8 x 23-7/8 x 84" (1 x 60,6 x 213,4 cm)
- ☐ x2  3/8 x 11-7/8 x 84" (1 x 30,2 x 213,4 cm)
- ☐ x1  3/8 x 48 x 84" (1 x 121,9 x 213,4 cm)
- ☐ x3 
- ☐ x1 

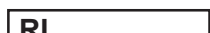
- ☐ x1 
- ☐ x1 

PARTS IDENTIFICATION AND SIZES (BOX B)

WINDOW TRIM / DOOR TRIM

- ☐ **x6**  19/32" x 2-1/2" x 26-5/8" (1,5 x 6,3 x 67,6 cm)
- ☐ **x1**  19/32" x 2-1/2 x 39-3/8" (1,5 x 6,3 x 100 cm)
- ☐ **x1**  69" (175,3) Door Stiffener
- ☐ **x2**  1 x 4 x 69-3/4" (2,5 x 10,2 x 177,2 cm)
- ☐ **x2**  19/32" x 2-1/2" x 72" (1,5 x 6,3 x 183 cm)
- ☐ **x6**  19/32 x 2-1/2 x 22-1/2" (1,5 x 6,3 x 57,1 cm)
- ☐ **x3**  19/32 x 2-1/2 x 28-1/2" (1,5 x 6,3 x 72,4 cm)
- ☐ **x6**  19/32 x 2-1/2 x 43-3/4" (1,5 x 6,3 x 111,1 cm)

LOFT

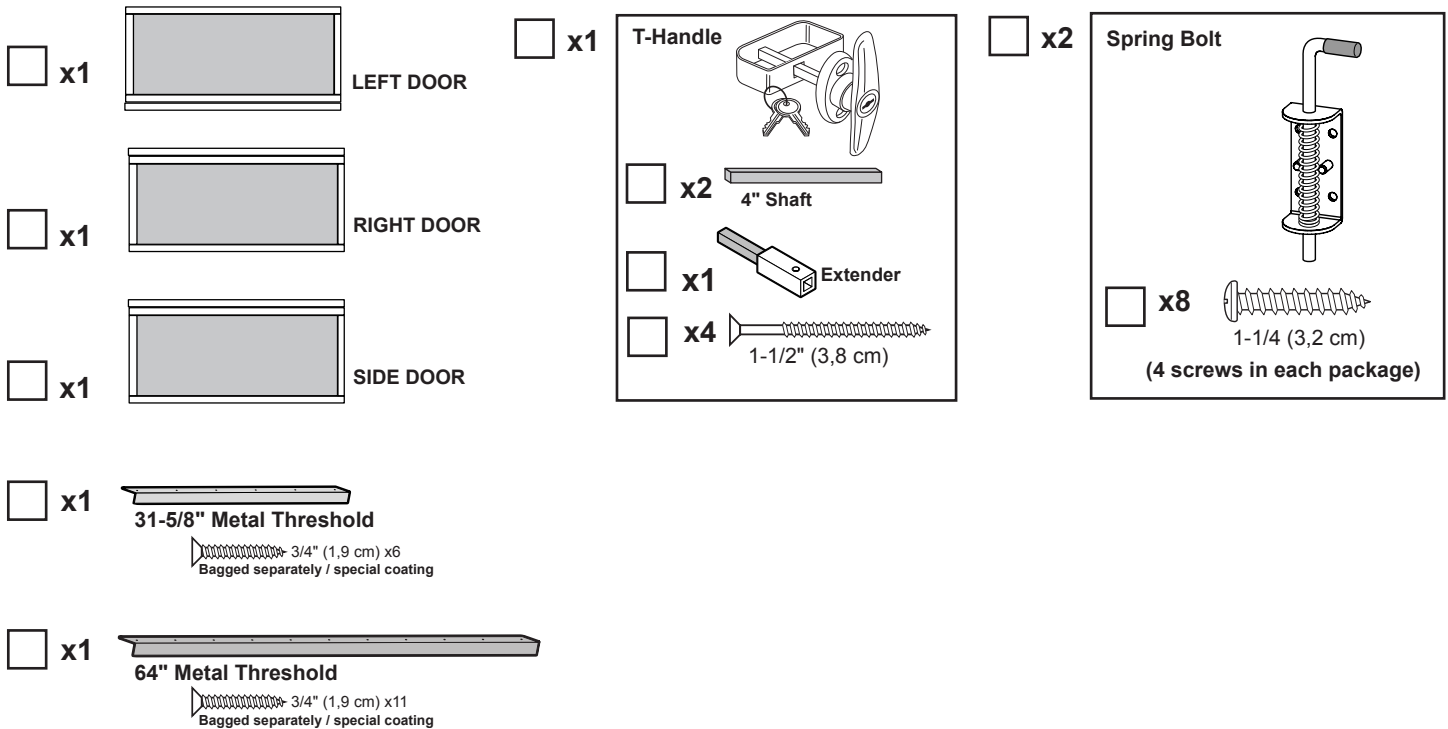
- ☐ **x1**  2 x 3 x 24" (2,5 x 7,6 x 61 cm)
- ☐ **x2**  2 x 4 x 24" (5,1 x 10,2 x 61 cm)
- ☐ **x1**  2 x 3 x 96" (5,1 x 7,6 x 243,8 cm)
- ☐ **x2**  2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)
- ☐ **x1**  7/16 x 15-7/8" x 23-7/8"
(1,1 x 40,3 x 60,6 cm)
- ☐ **x1**  7/16 x 23-7/8" x 96"
(1,1 x 60,6 x 243,8 cm)

DORMER ROOF PANEL & GUSSETS

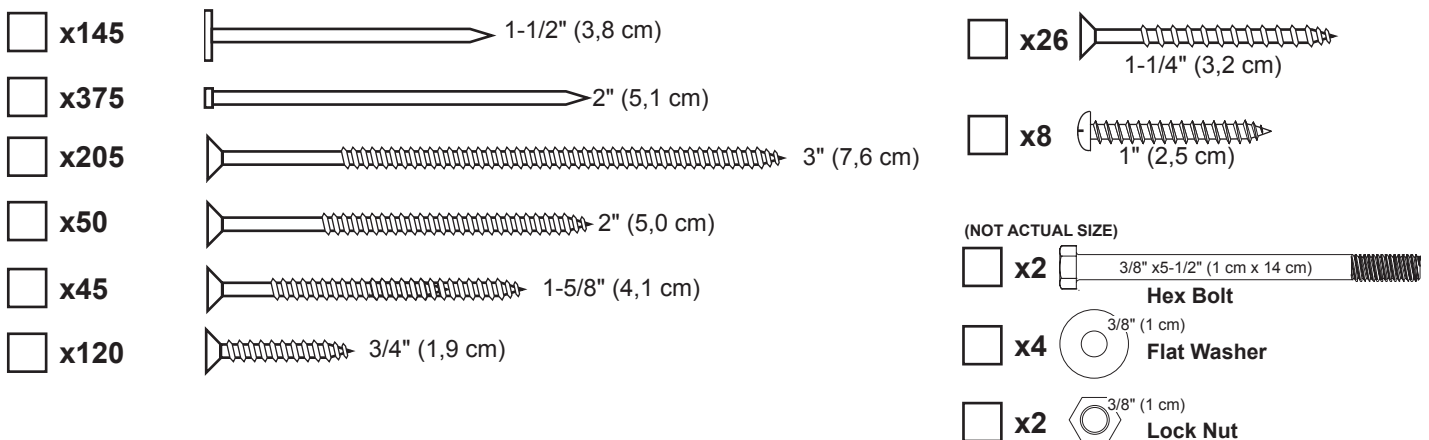
- ☐ **x1**  7/16 x 48 x 96"
(1,1 x 121,9 x 243,8 cm)
- ☐ **x2**  4-13/16" x 24" (12,2 x 61 cm) **OSB OR WOOD GRAIN** ⚠

PARTS IDENTIFICATION AND SIZES (BOX B)

WINDOWS / DOOR HARDWARE / VENTS



FASTENER/HARDWARE BAG



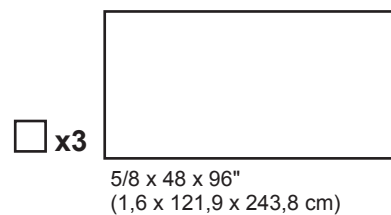
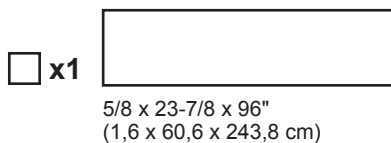
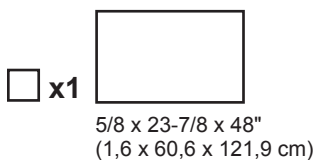
FLOOR PARTS BOX (if DIY floor kit was purchased)

• This shed may or may not include floor materials.

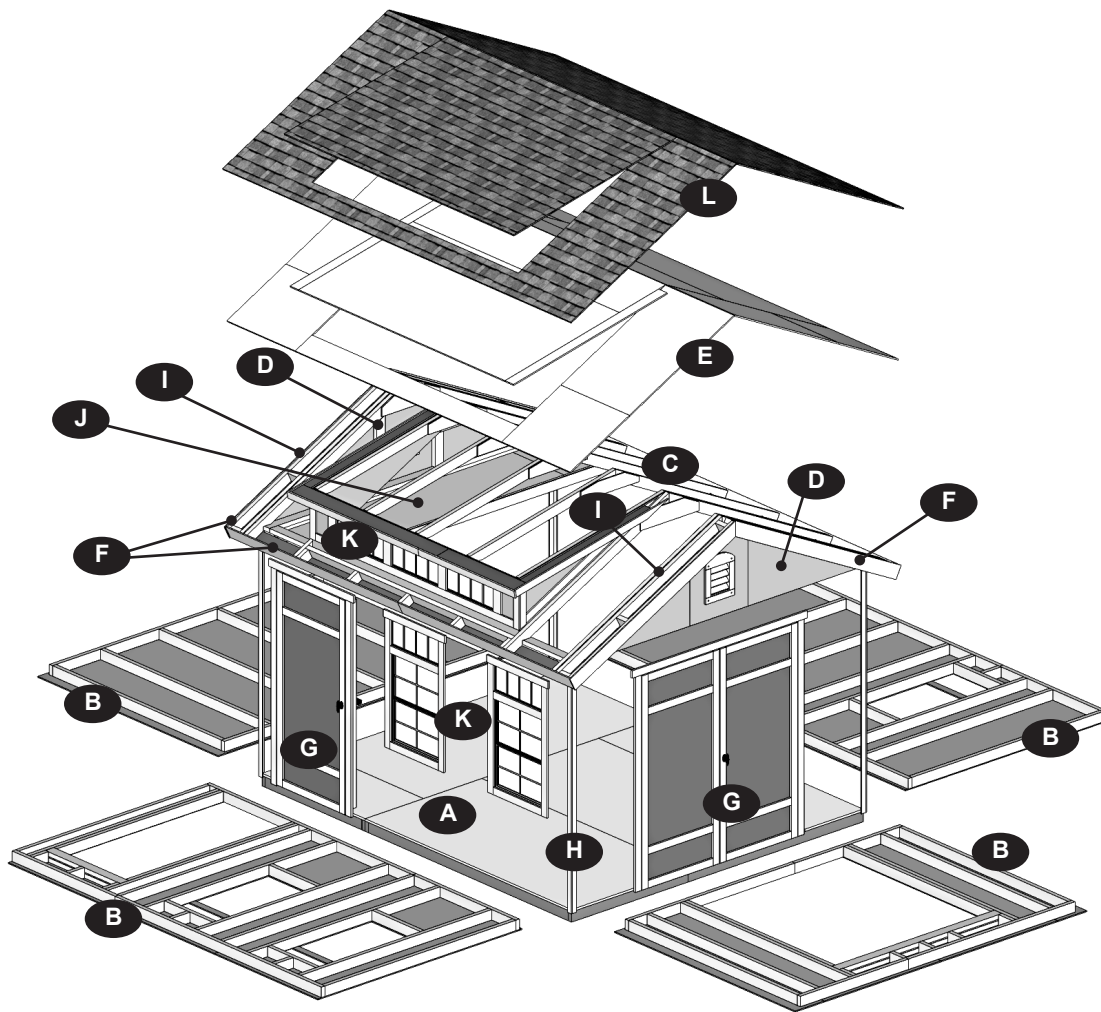
- ☐ **x2**  2 x 4 x 24" (5,1 x 10,2 x 61 cm)
- ☐ **x9**  2 x 4 x 45" (5,1 x 10,2 x 114,3 cm)
- ☐ **x2**  2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
- ☐ **x2**  2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)
- ☐ **x9**  2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)
- ☐ **x2**  2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

Floor panels are 5/8" (1,6 cm) thick.

NOTE: Panel parts are not stamped.



COMPONENT SECTION INDEX



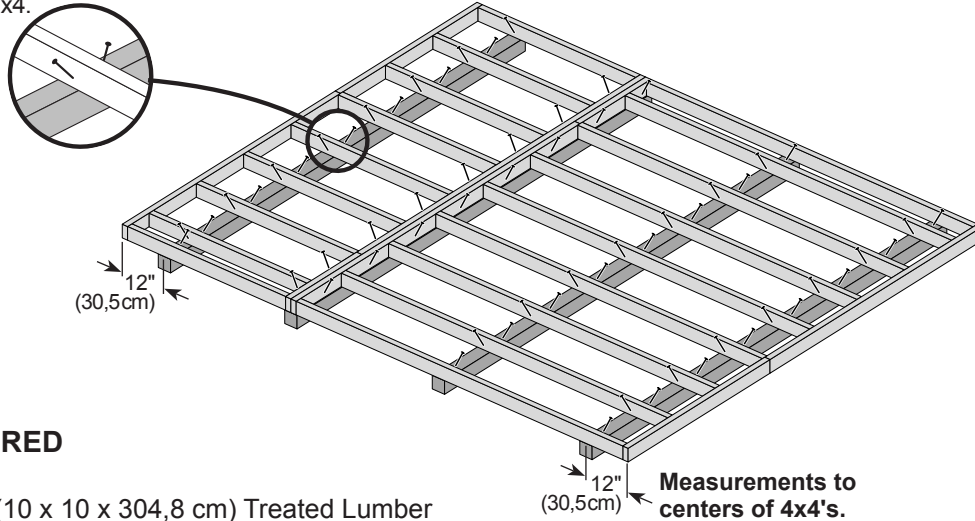
Description	Section	Page
Floor	A	15-20
Walls	B	29
Rafters	C	22-27, 55, 65
Gable Units	D	56, 58
Roof Panels	E	67-79
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Doors	G	89
Corner Trim	H	99
Gable Overhang	I	59
Loft	J	100
Windows	K	81, 103
Shingles	L	73-108

FLOOR LEVELING OPTIONS

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

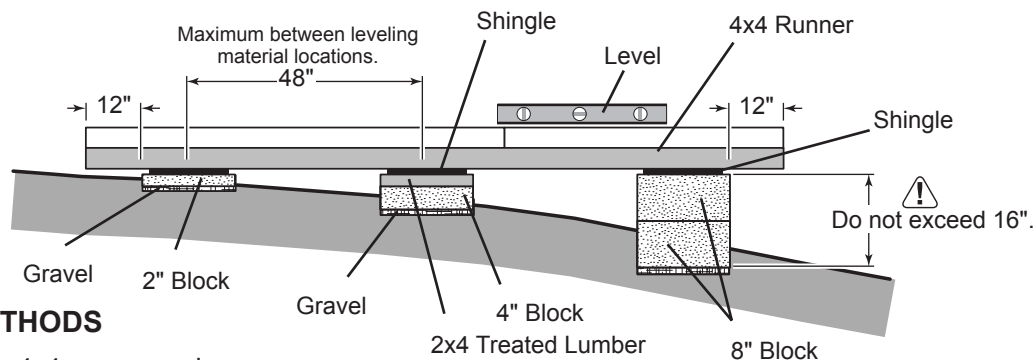
PREFERRED METHOD - 4x4 TREATED RUNNERS

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



MATERIAL REQUIRED

- ☐ **x4** 4 x 4 x 10' (10 x 10 x 304,8 cm) Treated Lumber
- ☐ **Fasteners for Frame to 4x4.**
(3" Screws shown as one option.) Minimum (72) 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

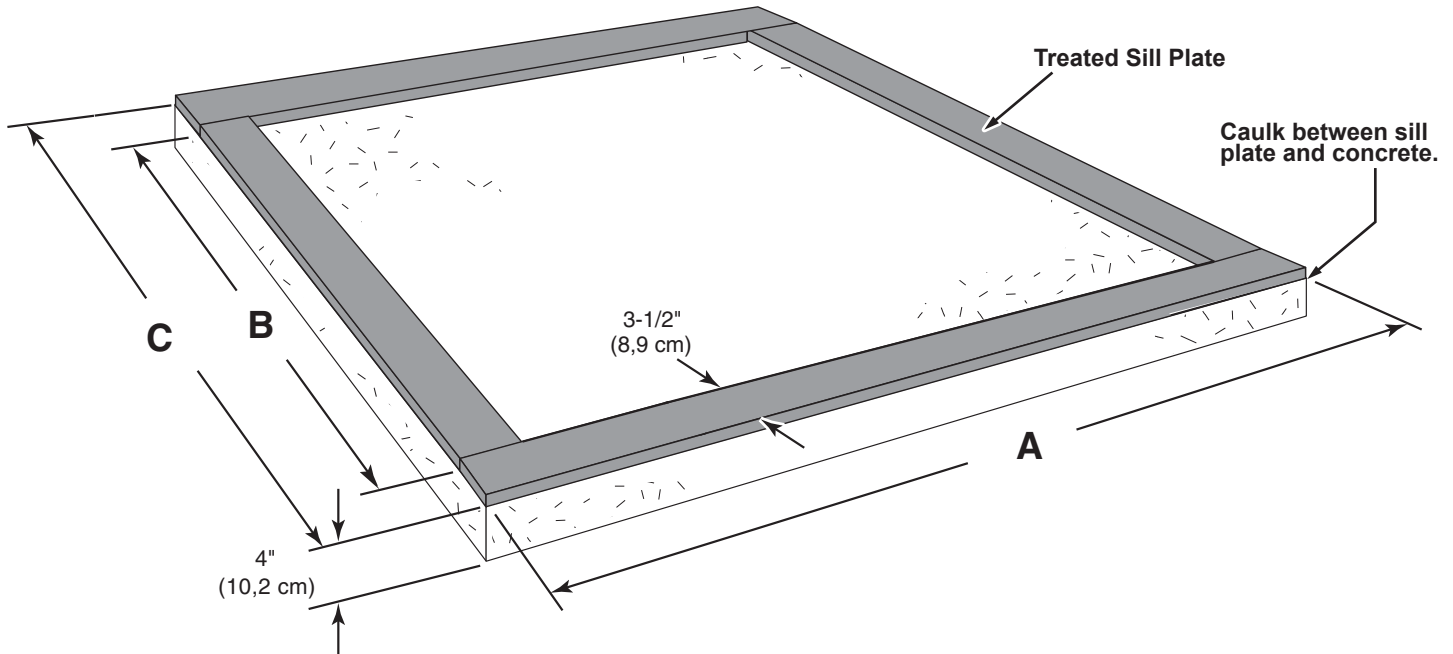
-  **Leveling higher than 16" not recommended.**

CONCRETE

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

CONCRETE FOUNDATION

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



Building Size	Actual Size	A	B	C
10'x 12' (243,8 x 365,8 cm)	120" x 144" (304,8 x 365,8 cm)	120" (304,8 cm)	137" (348 cm)	144" (365,8 cm)

Requires:

- ☐ **x2** 2 x 4 x 12' (5,1 x 10,2 x 365,8 cm)  **MUST be treated lumber.**
- ☐ **x2** 2 x 4 x 10' (5,1 x 10,2 x 304,8 cm)  **MUST be treated lumber.**
- ☐ **x1** Caulk 

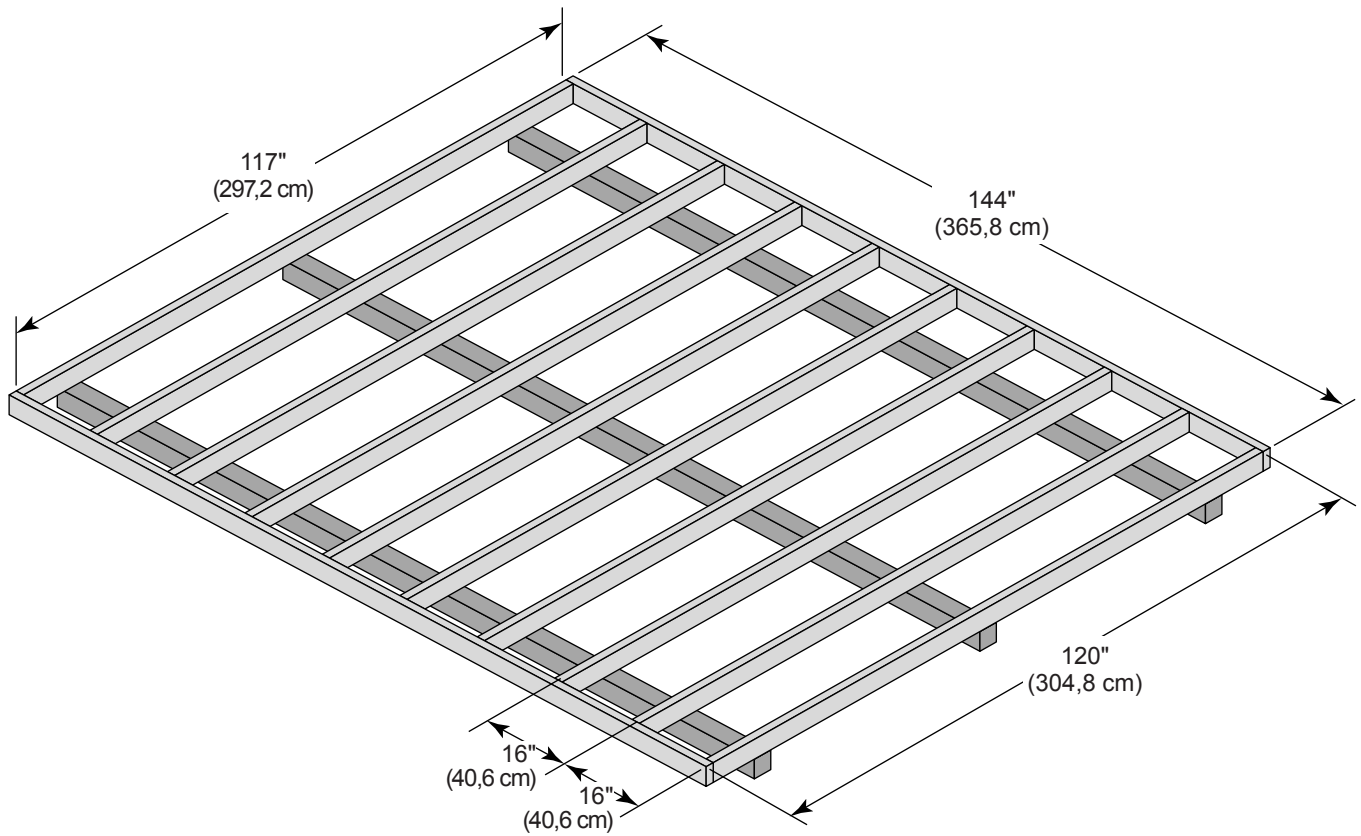
 Allow new concrete slabs to cure for at least seven (7) days.

- A treated 2 x 4 (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete. **Hint: Use treated lumber in your kit or purchase full length treated lumber.**
- Use a high quality exterior grade caulk beneath all sill plates.
- Fasten 2 x 4 (5,1 x 10,2 cm) sill plates to slab using approved concrete anchors (**fasteners not included**).
- Check local code for concrete foundation requirements.

NOTES

BUILD YOUR OWN WOOD FLOOR OPTION

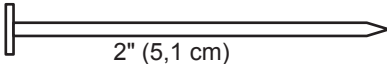
(Materials not included.)

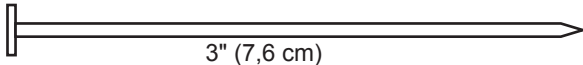


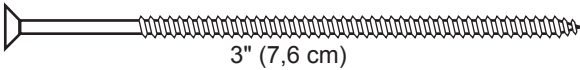
MATERIAL REQUIRED

- ☐ **x2** 2 x 4 x 12' (5,1 x 10,2 x 365,8 cm)
 - ☐ **x10** 2 x 4 x 10' (5,1 x 10,2 x 304,8 cm)
 - ☐ **x3** 4 x 4 x 12' (10,2 x 10,2 x 365,8 cm)
- MUST be treated lumber** 

- ☐ **x4**  5/8" x 48" x 96" (1,6 x 121,9 x 243,8 cm)

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

- ☐ **x40**  **40 Nails - 3" (7,6 cm) Hot Dipped Galvanized Box-Type Nails**

- ☐ **x60**  **Screws for Frame to 4 x 4**
Minimum 3" screws / exterior grade.

10' x 12' FLOOR FRAME (if DIY floor kit was purchased)

PARTS REQUIRED:

x1  2 x 4 x 48" (5 x 10 x 122 cm) Treated Wood

Look for
TREATED
Stamp

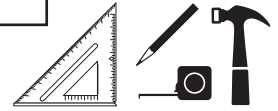
x40

x1  2 x 4 x 24" (5 x 10 x 61 cm) Treated Wood

x1  2 x 4 x 72" (5 x 10 x 183 cm) Treated Wood

x1  2 x 4 x 96" (5 x 10 x 243,8 cm) Treated Wood

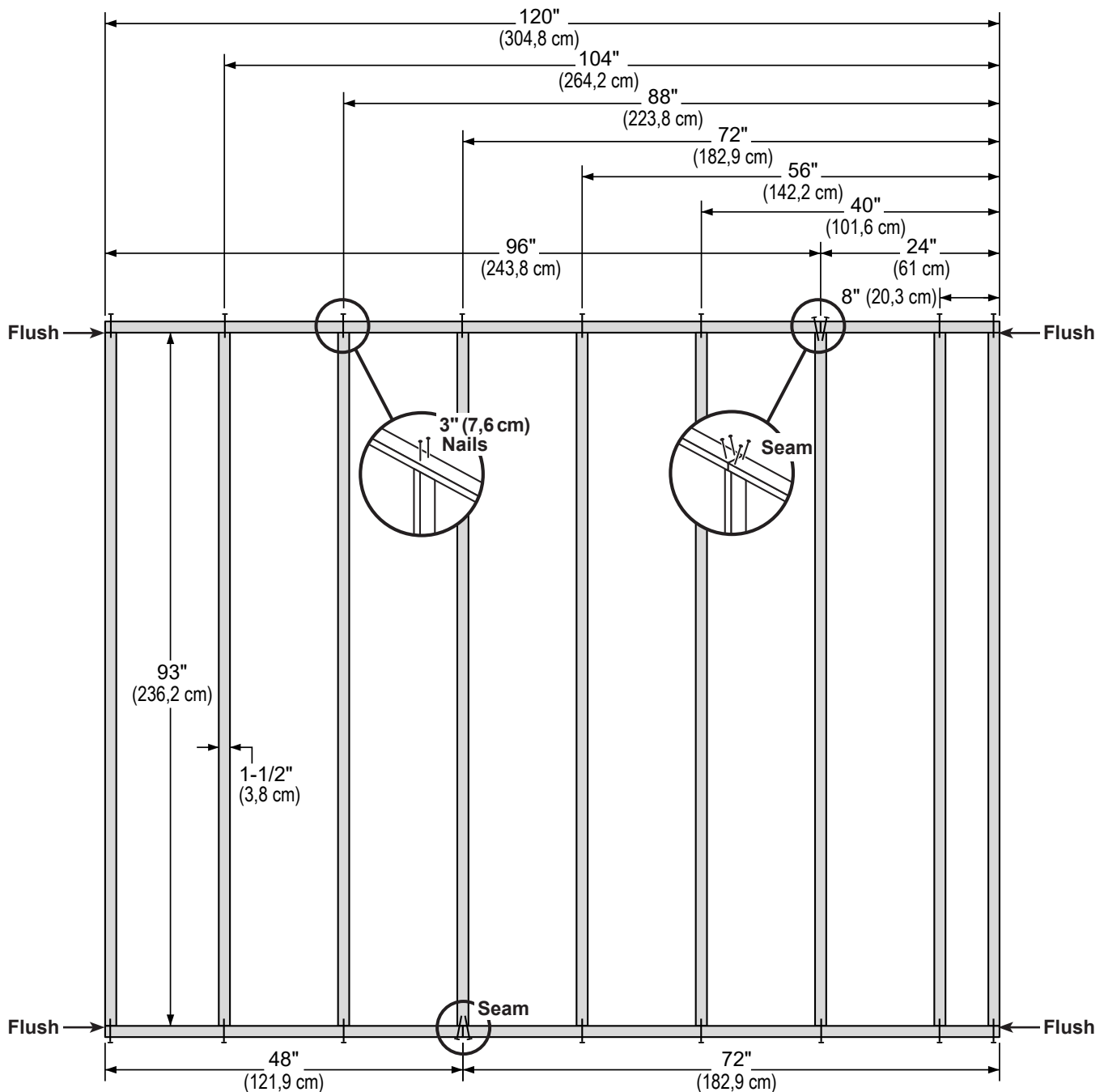
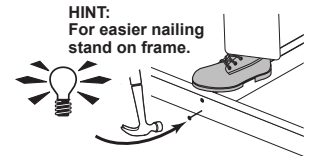
x9  2 x 4 x 93" (5 x 10 x 236,2 cm) Treated Wood



Build two floor sections - (1) 10' x 8' and (1) 10' x 4'.

✓ BEGIN

- 1 Arrange parts as shown on flat surface to build the 10' x 8' floor section. Measure and mark. Secure with (2) 3" nails at each mark and (4) nails at seams.



10' x 12' FLOOR FRAME (if DIY floor kit was purchased)

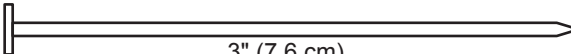
PARTS REQUIRED:

x1  2 x 4 x 24" (5 x 10 x 61cm) Treated Wood

x9  2 x 4 x 45" (5 x 10 x 114,3 cm) Treated Wood

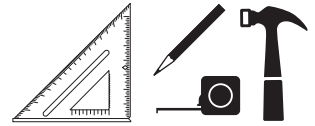
x1  2 x 4 x 48" (5 x 10 x 122 cm) Treated Wood

Look for
TREATED
Stamp

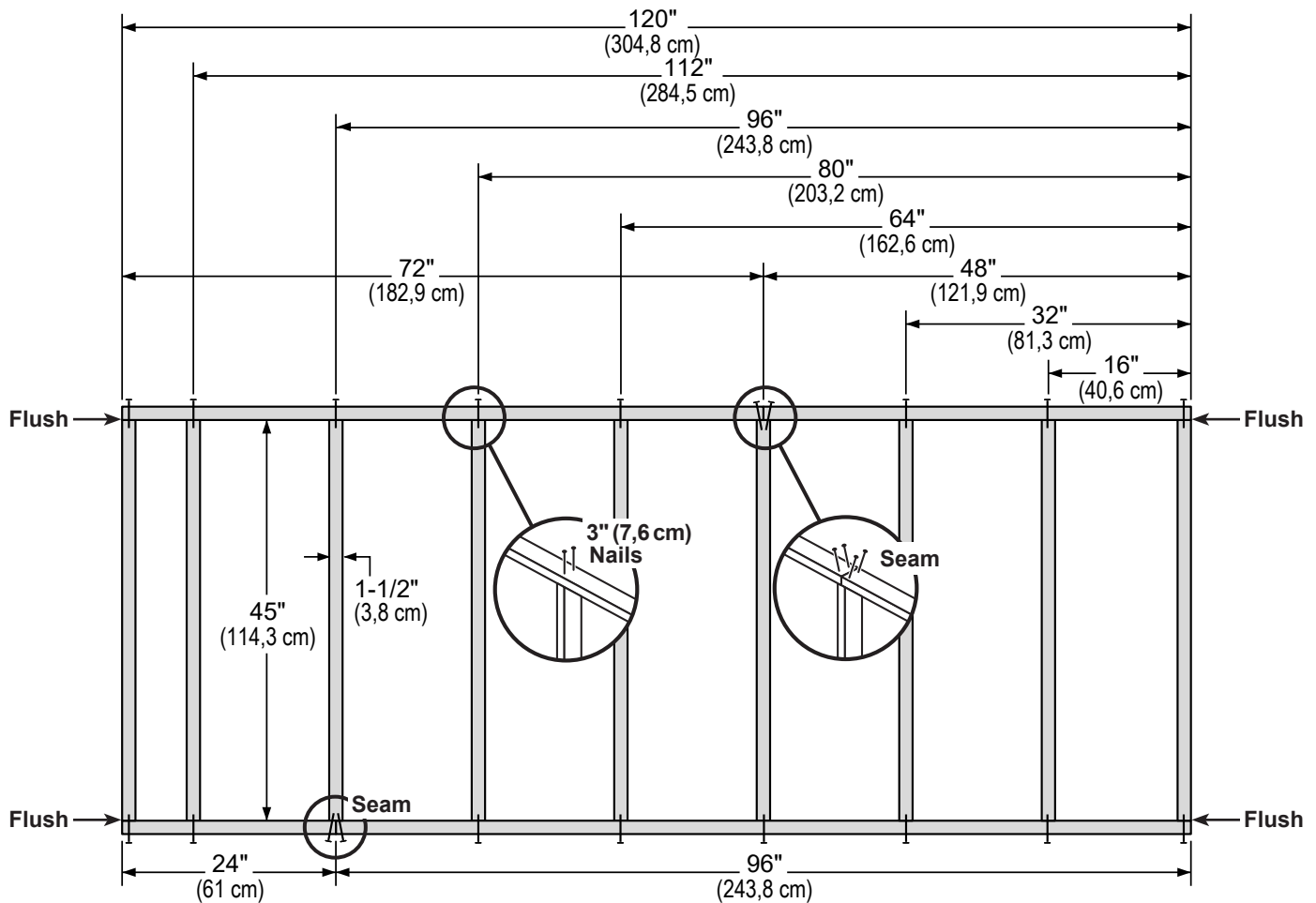
x40  3" (7,6 cm)

x1  2 x 4 x 72" (5 x 10 x 183 cm) Treated Wood

x1  2 x 4 x 96" (5 x 10 x 243,8 cm) Treated Wood

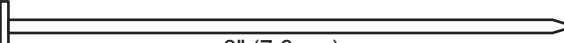


- 2** Arrange parts as shown on flat surface to build the 10' x 4' floor section. Measure and mark.
Secure with (2) 3" nails at each mark and (4) nails at seams.

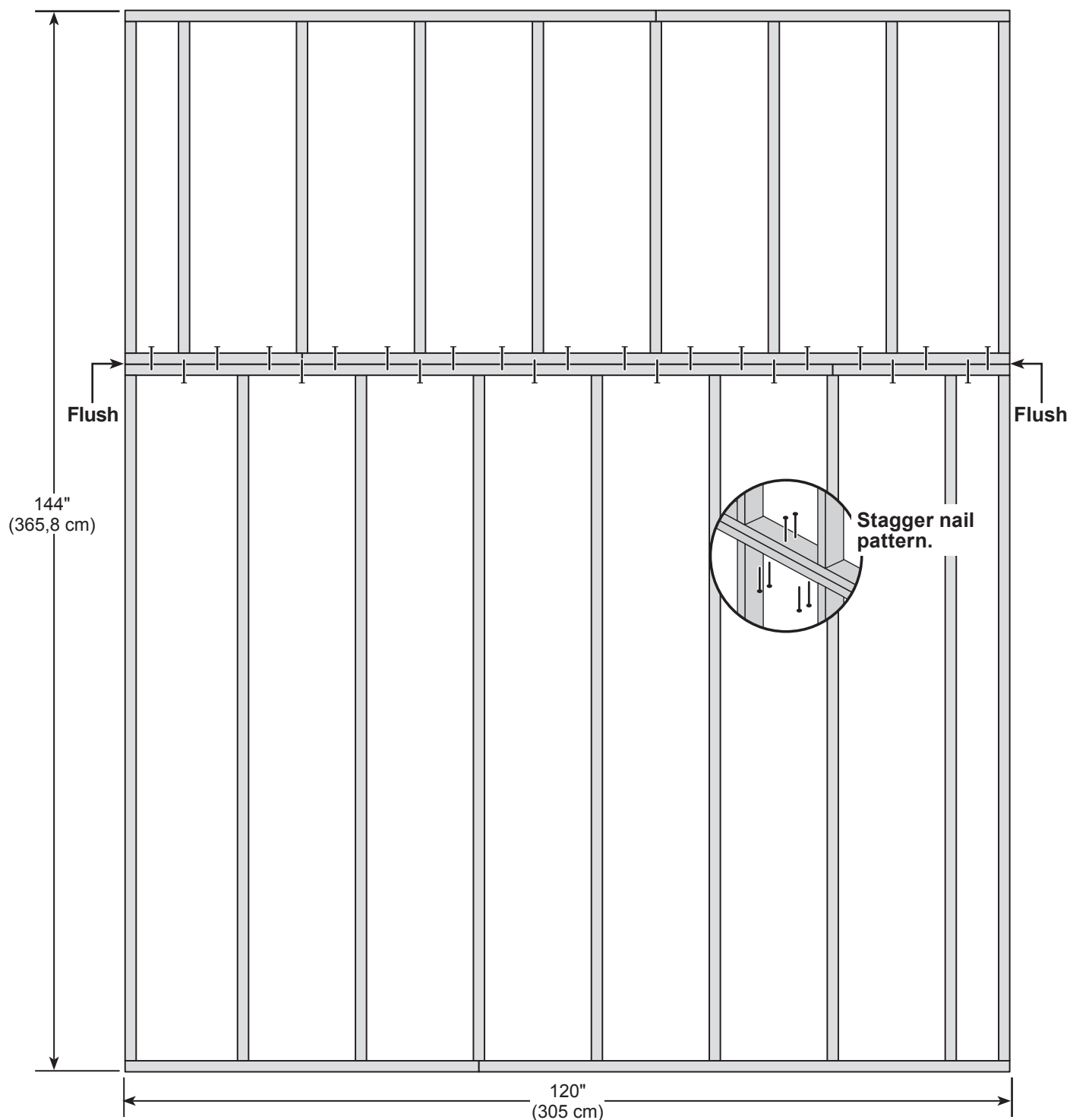


FLOOR FRAME (if DIY floor kit was purchased)

PARTS REQUIRED:

x46  3" (7,6 cm)

- 3** Fasten floor sections together, as shown. Secure with 3" nails.



FINISH

Your floor frame is now assembled. Proceed to level and square frame.

STOP!**LEVEL AND SQUARE FLOOR FRAME****STOP!**

Before installing 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 12 for the preferred floor leveling method.

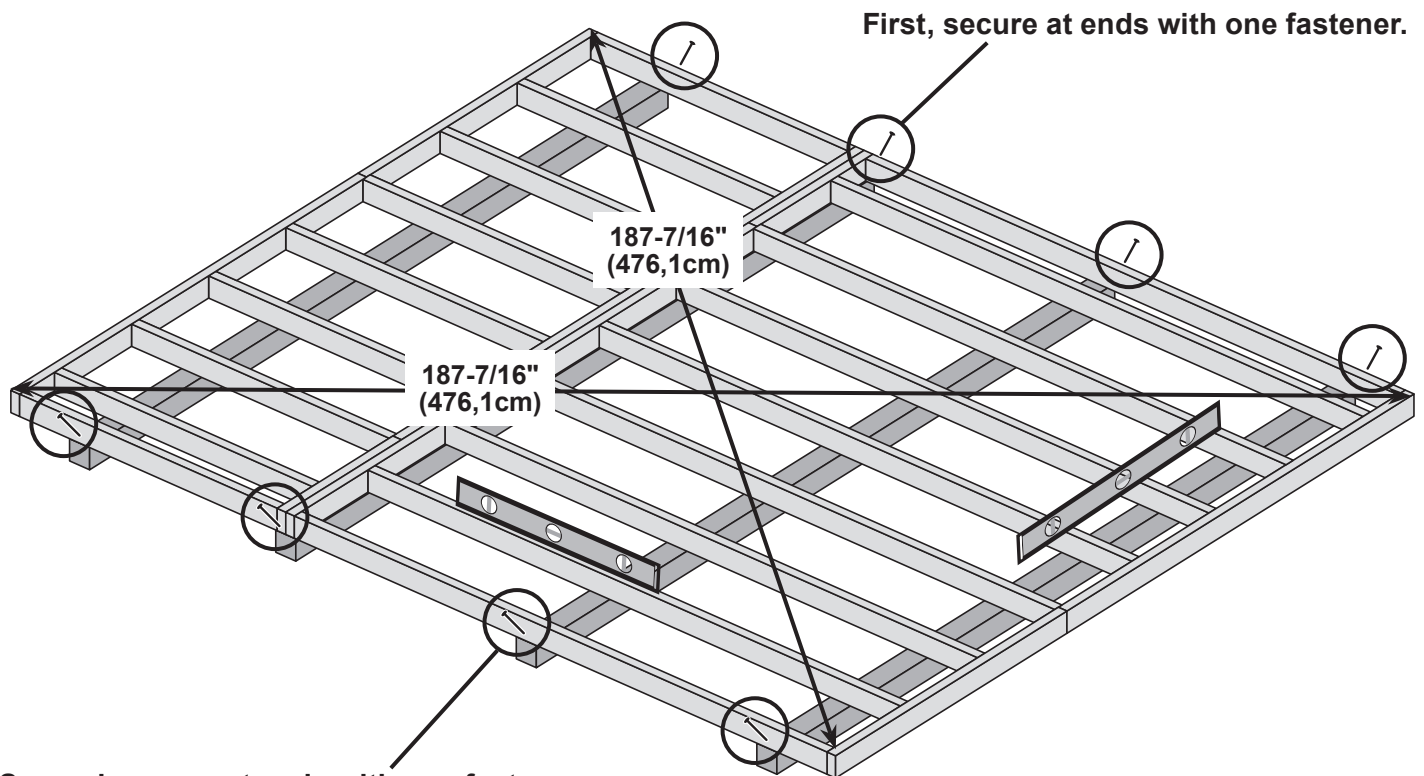
Using a level, ensure that the frame is level before installing floor panels.

2

Check for frame squareness by measuring diagonally across corners.

If the measurements are the same, your frame is square.

The diagonal measurement will be approximately 187-7/16" (476,1 cm).



Second, secure at ends with one fastener.

3

When the frame is level and square, secure one side of frame to the 4x4 runners with (1) fastener at the end of each runner.

Move to the opposite end of the frame.

Secure the frame to 4x4 runners with one fastener at the end of each runner.

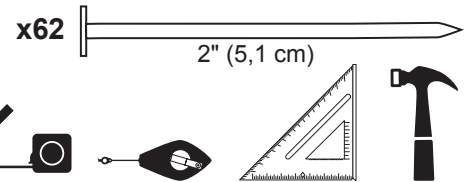
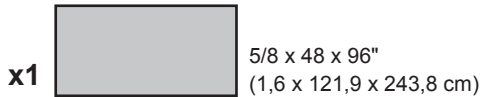
Ensure the frame remains square.

**FINISH**

Your floor frame is now level.

FLOOR PANELS (if DIY floor kit was purchased)

PARTS REQUIRED:



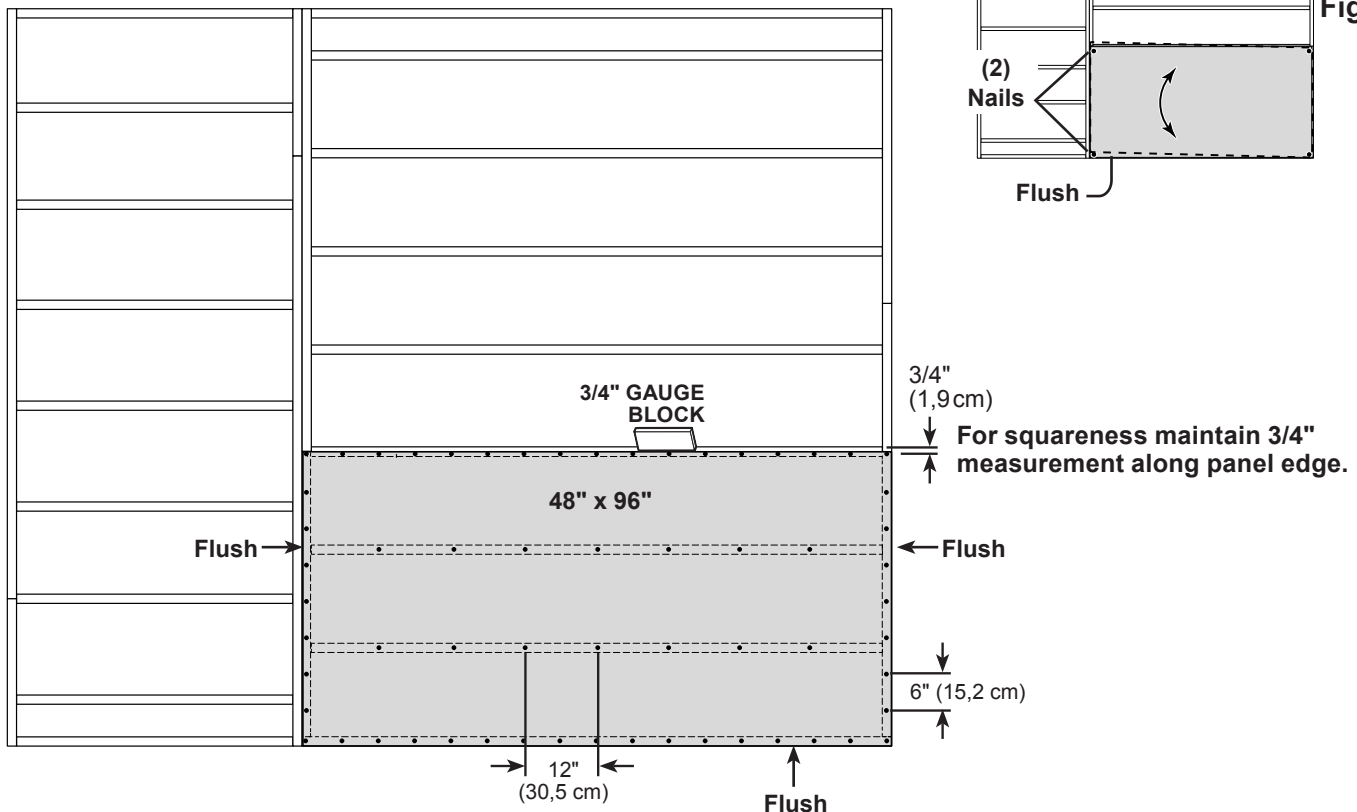
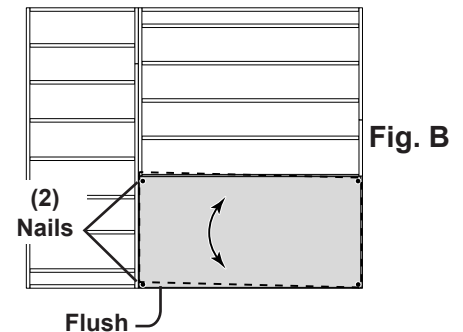
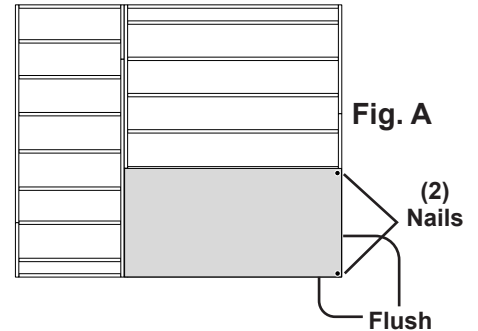
Install all floor panels with the rough side facing up (painted grid-lines).

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

1 Install (1) **48" x 96"** panel with the 48" edge and corner flush to the floor frame (**Fig A**). Secure panel with (2) 2" nails in the corners.

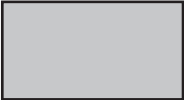
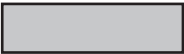
2 Move to the opposite side.
Using the long edge of the panel as a lever,
move the panel side-to-side until the corner is flush to the floor frame (**Fig. B**).
Secure panel with (2) 2" nails in the corners.

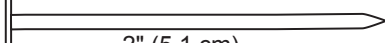
3 Continue securing the panel with 2" nails spaced 6" apart on edges and 12" apart inside panel.
Use a chalk line or use pre-painted grid lines to locate joists under panel.

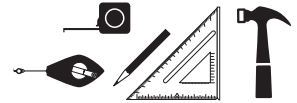


FLOOR PANELS (if DIY floor kit was purchased)

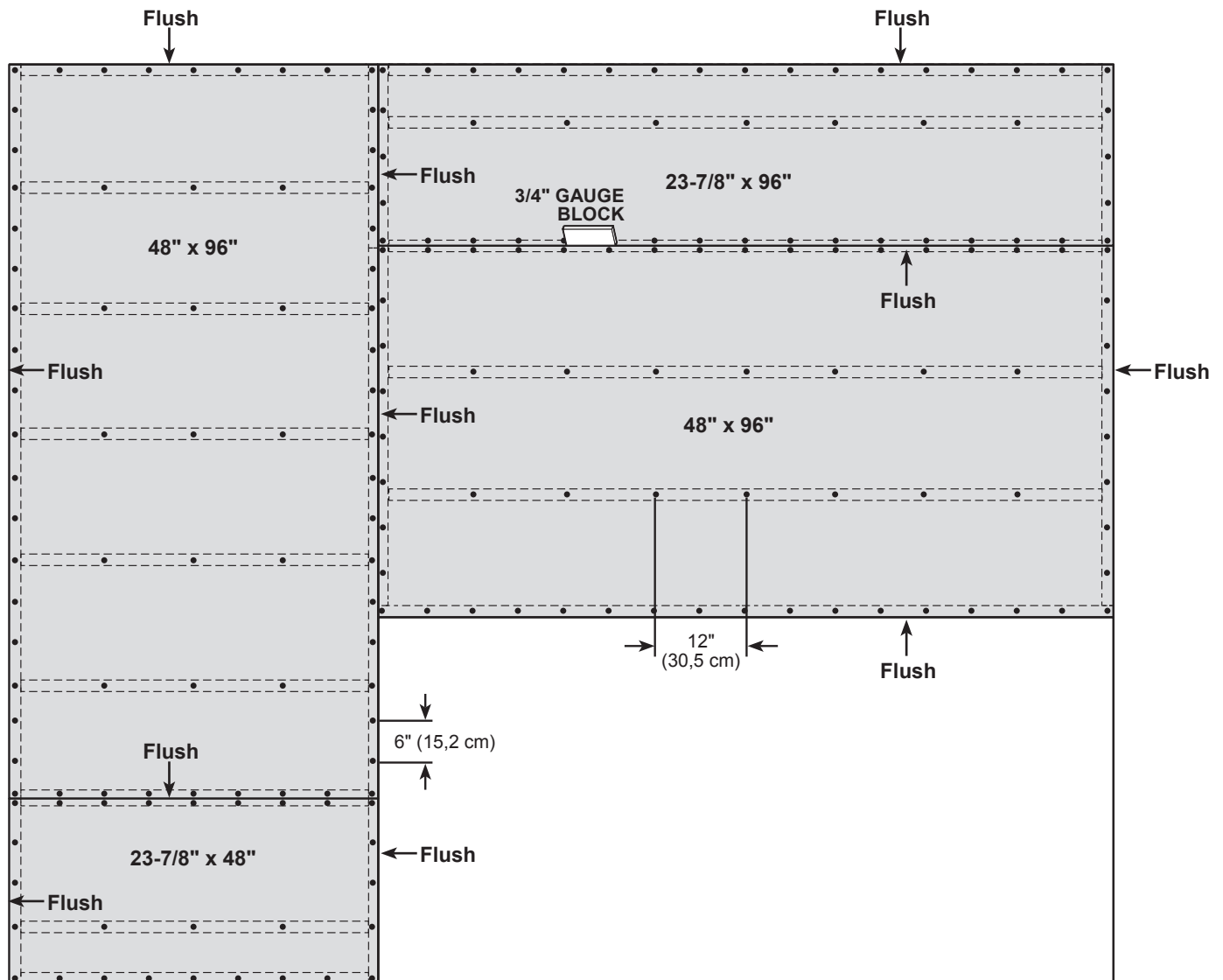
PARTS REQUIRED:

x2		x1		5/8 x 23-7/8 x 48" (1,6 x 60,6 x 122 cm)
	5/8 x 48 x 96" (1,6 x 122 x 243,8 cm)	x1		5/8 x 23-7/8 x 96" (1,6 x 60,6 x 243,8 cm)

x199  2" (5,1 cm)



- 4** Continue installing panels as shown.
Secure panels with 2" nails 6" apart on edges, and 12" apart inside panels.

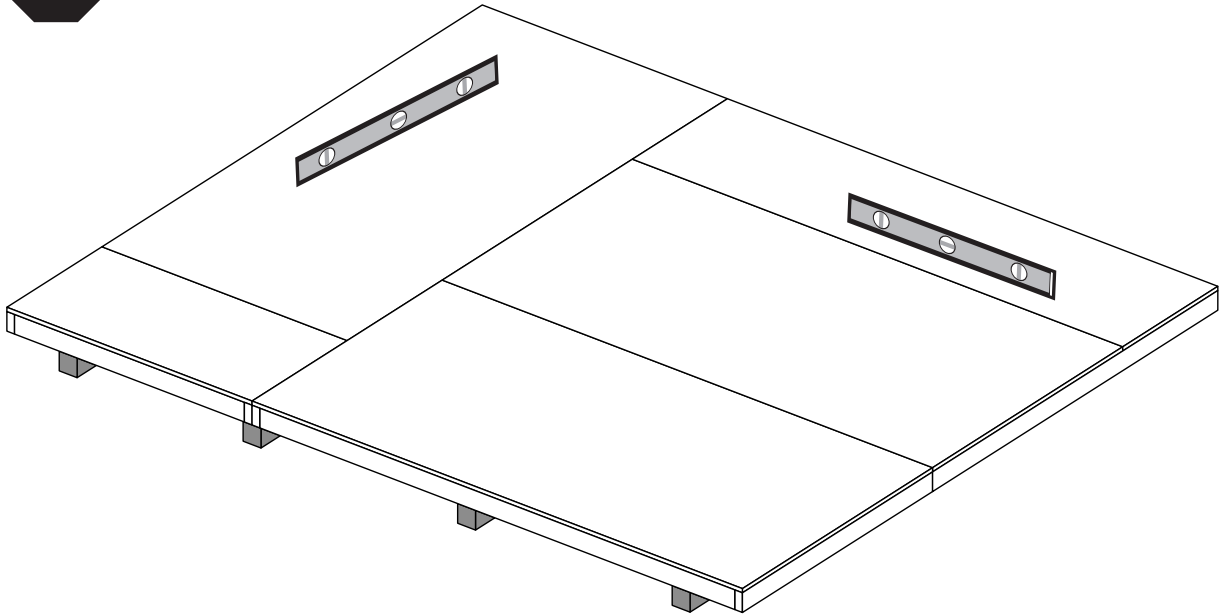


Your floor panels are now installed

IMPORTANT!

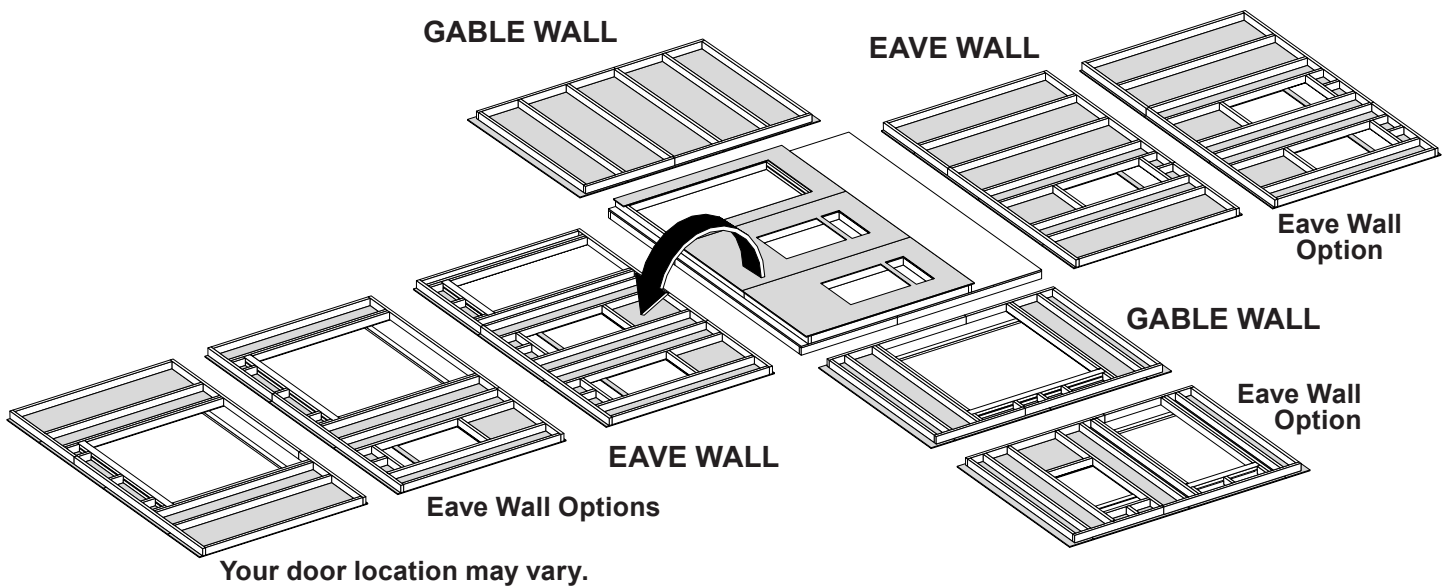


Ensure the floor frame is level after installing floor panels.
Re-level if needed.



HINT:

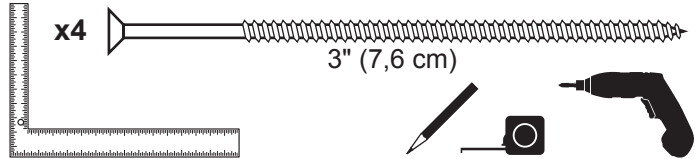
- The floor should be used as a stable work surface for wall construction.
- Organize your assembly procedure during the build process to avoid over-handling of the walls.



MAIN ROOF RAFTER ASSEMBLY

PARTS REQUIRED:

x2 **GPC** 2 x 4 x 4-3/8" (5,1 x 10,2 x 11,1 cm)



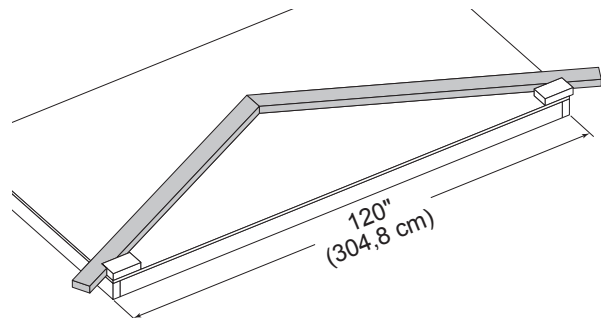
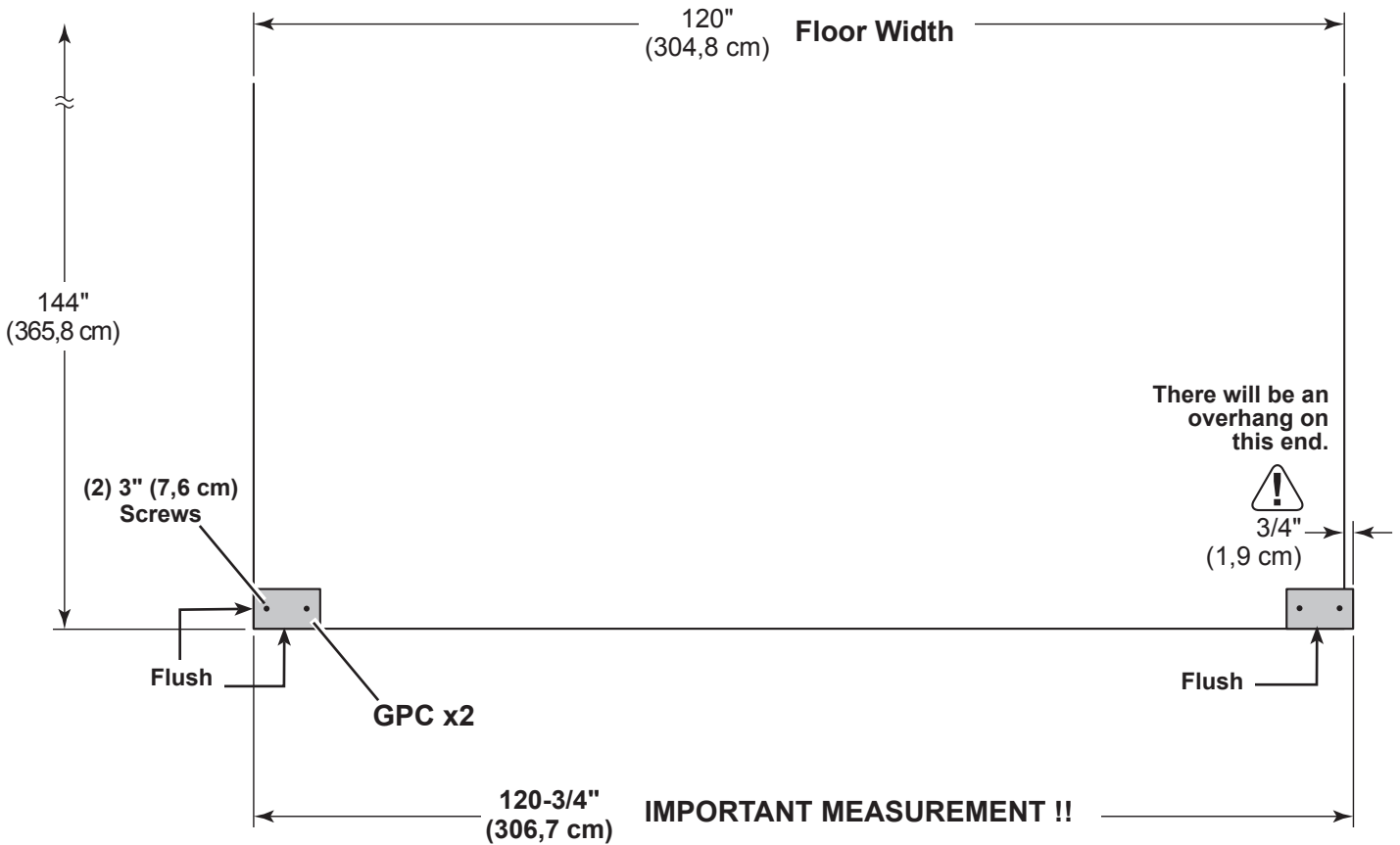
Build a rafter jig using the floor and (2) parts GPC, as shown.

✓ **BEGIN**

1 Secure (1) **GPC** flush to the floor deck with (2) 3" screws.

Measure over 120-3/4" and install a second **GPC** flush to the floor deck. **GPC** will overhang the floor.

Secure with (2) 3" screws.



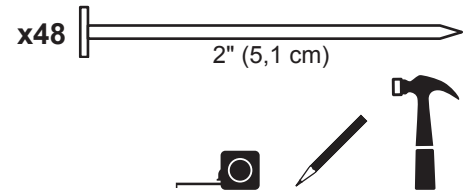
FINISH

Your main roof rafter jig is assembled. Proceed to build your rafters.

MAIN ROOF RAFTER ASSEMBLY

PARTS REQUIRED:

- x4**  **OSB OR WOOD GRAIN**
6 x 24" (15,2 x 61 cm) **NOTE: 6" (15,2 cm) Gusset**
- x8**  **ECN**
2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)



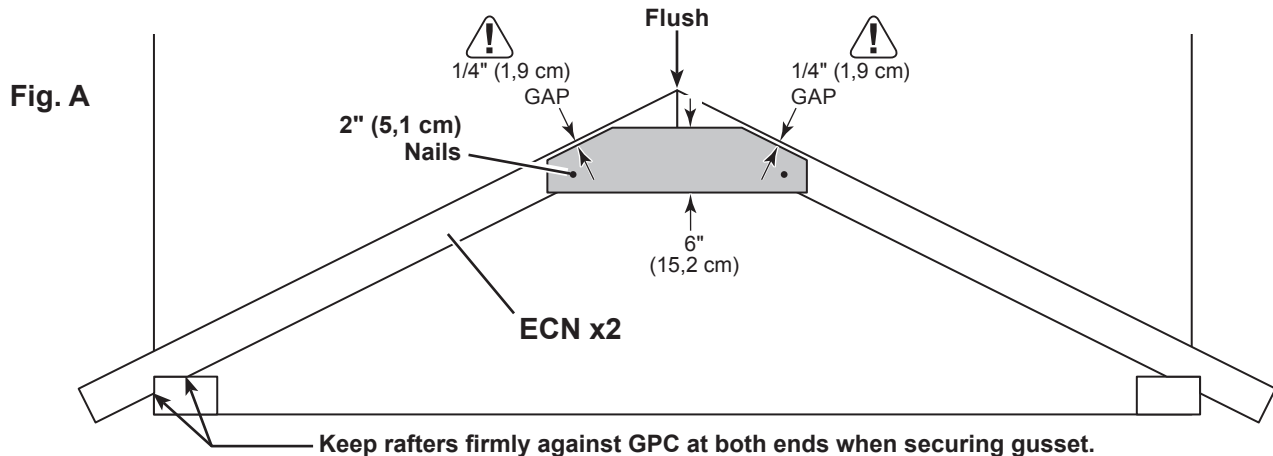
✓ BEGIN

- 1** Install (2) rafters **ECN** into the jig as shown.
- 2** Hold rafters **ECN** firm against (2) **GPC**'s as shown (**Fig.A**).
Flush rafters at the peak.

Install gusset on rafters holding a 1/4" gap from edge.

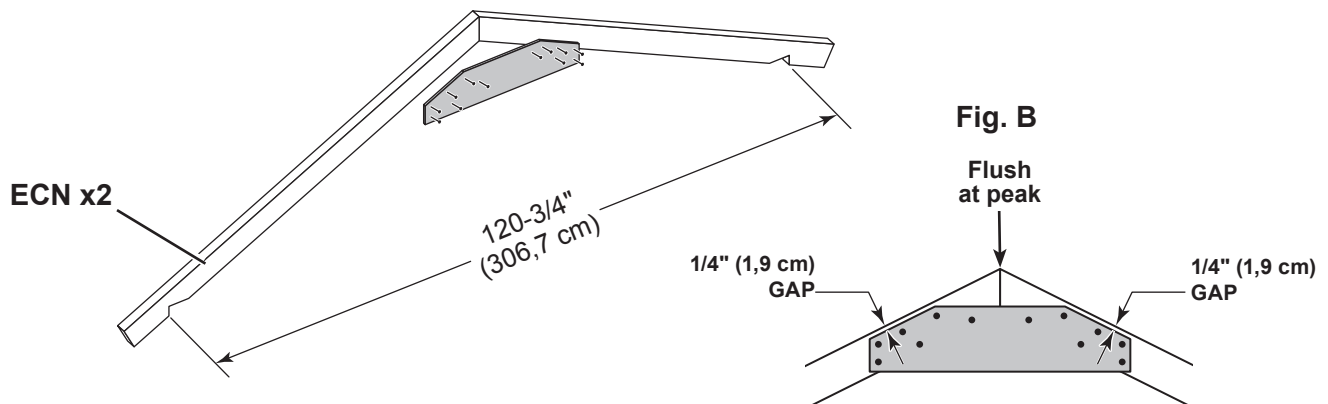
Secure gusset with (1) 2" nail into each rafter.

HINT: These first (2) nails will help hold the measurements when you nail on gussets.



- 3** Secure gusset with (10) 2" nails in the pattern shown (**Fig. B**).

Repeat steps to assemble (3) additional main roof rafters.



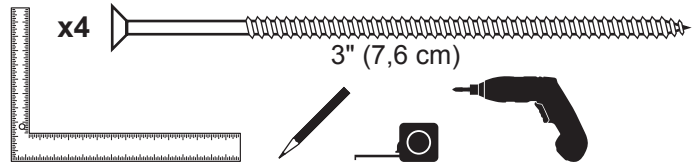
Your (4) main roof rafters are now assembled..

Remove **GPC** parts from floor.

DORMER RAFTER ASSEMBLY

PARTS REQUIRED:

x2 **GPC** 2 x 4 x 4-3/8" (5,1 x 11,1 x 14,9 cm)

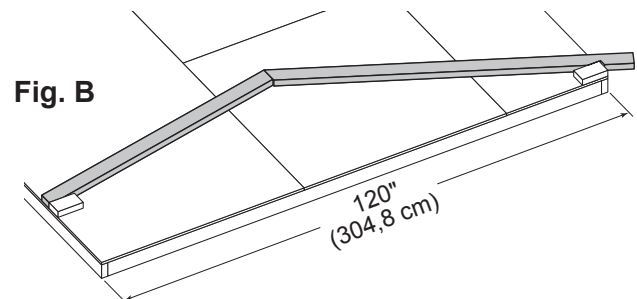
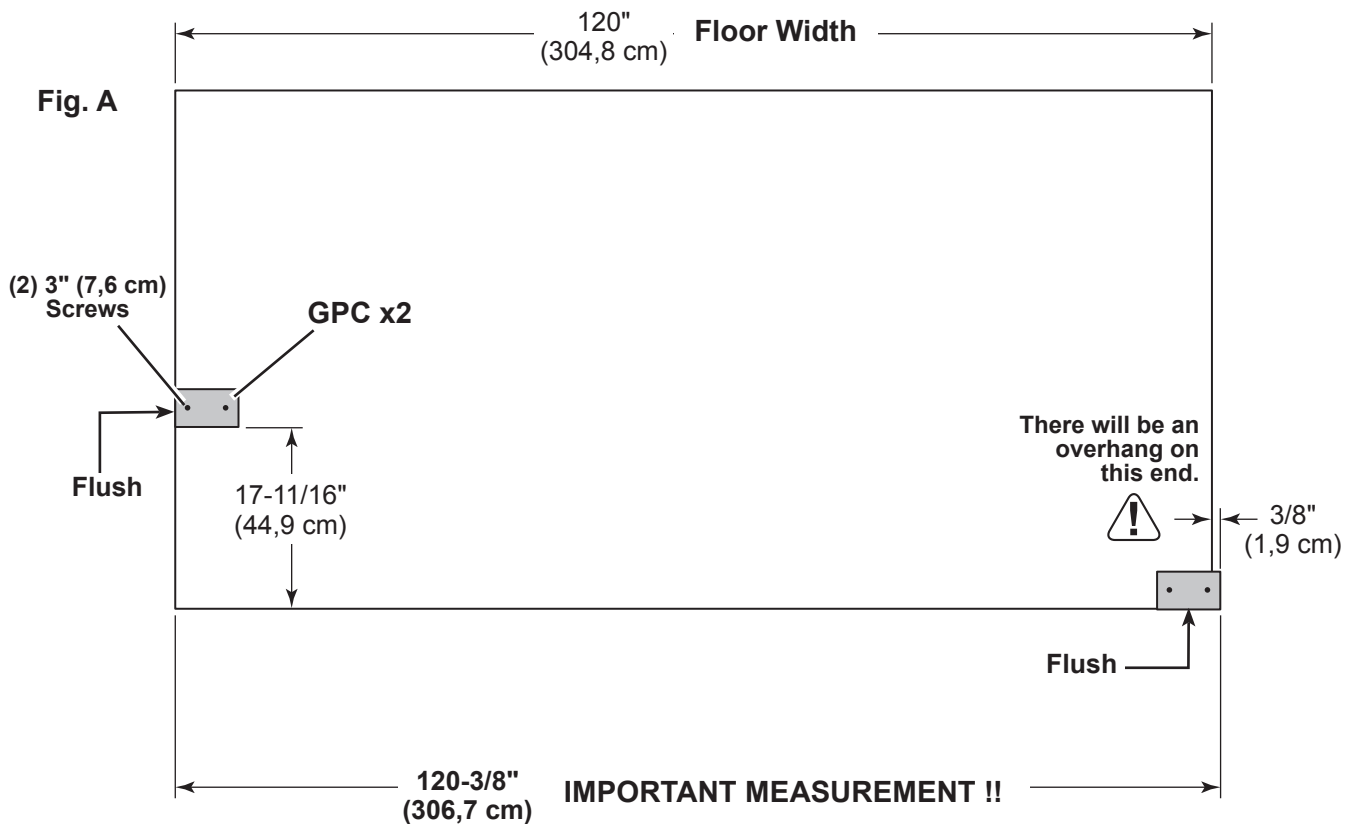


Build a rafter jig using the floor and (2) parts GPC, as shown.

✓ BEGIN

1 Measure 120-3/8" (306,7 cm) from the floor edge. Install (1) **GPC** flush to the floor deck.
GPC will overhang the floor.
 Secure with (2) 3" screws.

2 Measure 17-11/16" (44,9 cm) from the floor edge.
 Secure (1) **GPC** flush to the floor deck with (2) 3" screws.

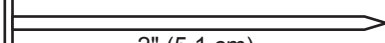


Your dormer roof rafter jig is assembled. Proceed to build your rafters.

DORMER RAFTER ASSEMBLY

PARTS REQUIRED:

x6  OSB OR WOOD GRAIN
4-13/16" x 24" (12,2 x 61 cm)
NOTE: 4-13/16" (15,2 cm) Gusset

x72  2" (5,1 cm)

x3  BVT 2 x 4 x 61-1/4" (5,1 x 10,2 x 155,6 cm)

x3  ECN 2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)



✓ BEGIN

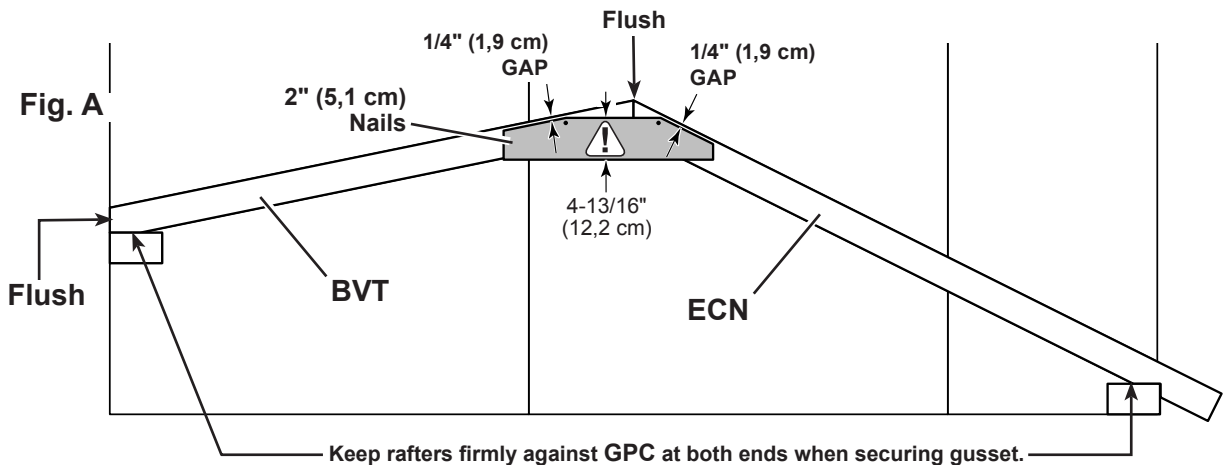
1 Install rafters **BVT** and **ECN** into the jig as shown.

2 Hold rafters firm against (2) **GPC's** as shown (**Fig. A**).
Flush rafters at the peak.

Install gusset on rafters holding a 1/4" gap from edge.

Secure gusset with (1) 2" nail into each rafter.

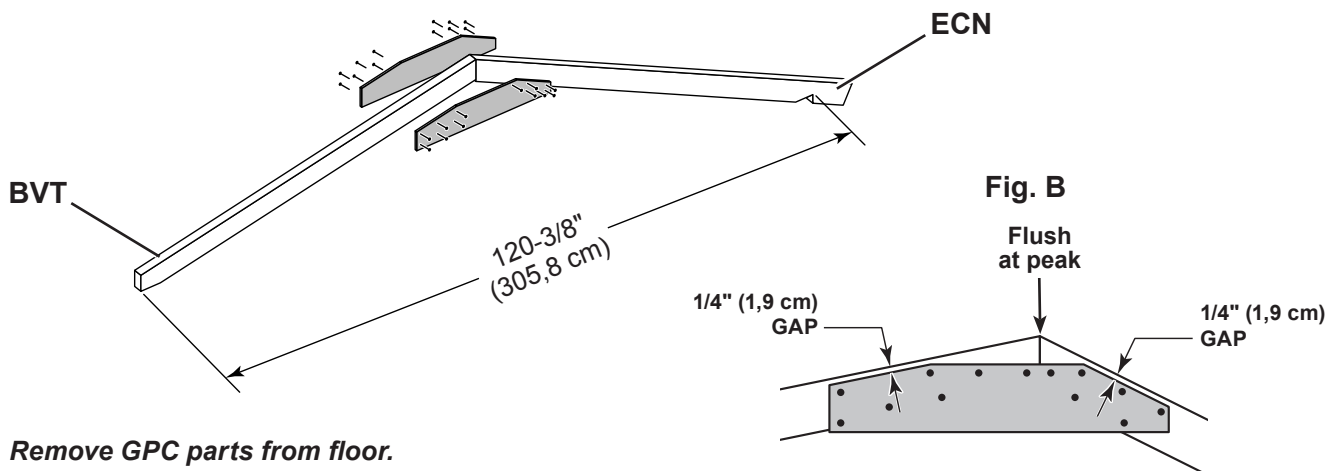
HINT: These first (2) nails will help hold the measurements when you nail on gussets.



3 Secure gusset to the rafters with (12) 2" nails in the pattern shown (**Fig. B**).

Flip rafters over and attach a second gusset with (12) 2" nails. No need to use jig for this gusset.

Repeat steps 1 - 3 to assemble two more double gusset dormer rafters.

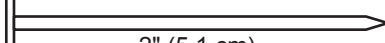


Remove GPC parts from floor.

DORMER RAFTER ASSEMBLY

PARTS REQUIRED:

x1  OSB OR WOOD GRAIN
4-13/16" x 24" (12,2 x 61 cm)
NOTE: 4-13/16" (15,2 cm) Gusset

x12  2" (5,1 cm)

x1  BVT 2 x 4 x 61-1/4" (5,1 x 10,2 x 155,6 cm)

x1  ECN 2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)



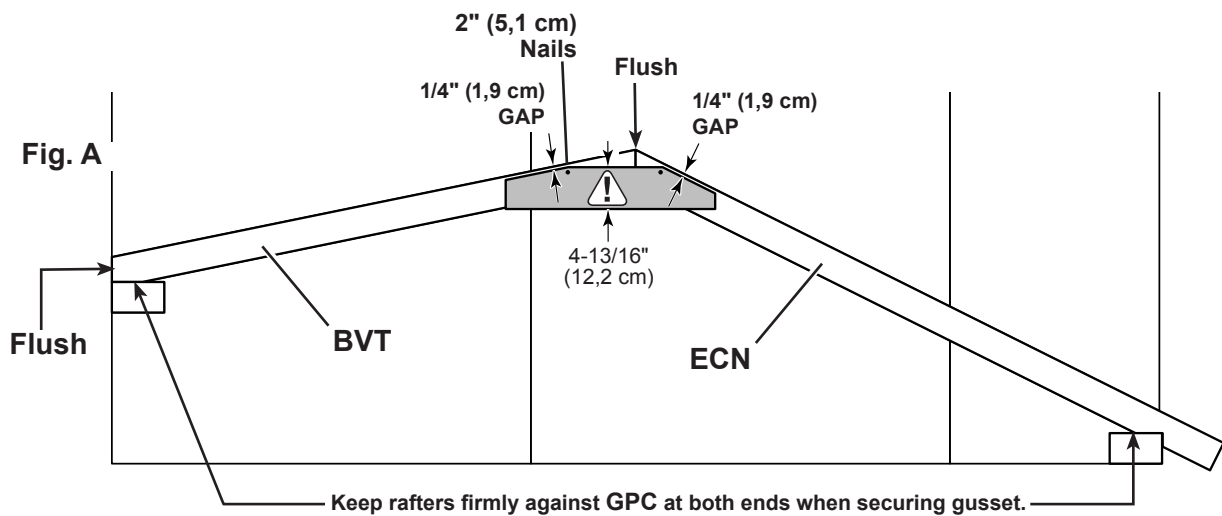
4 Install rafters **BVT** and **ECN** into the jig as shown.

5 Keep rafters firm against (2) **GPC's** as shown (**Fig.A**).
Flush rafters at the peak.

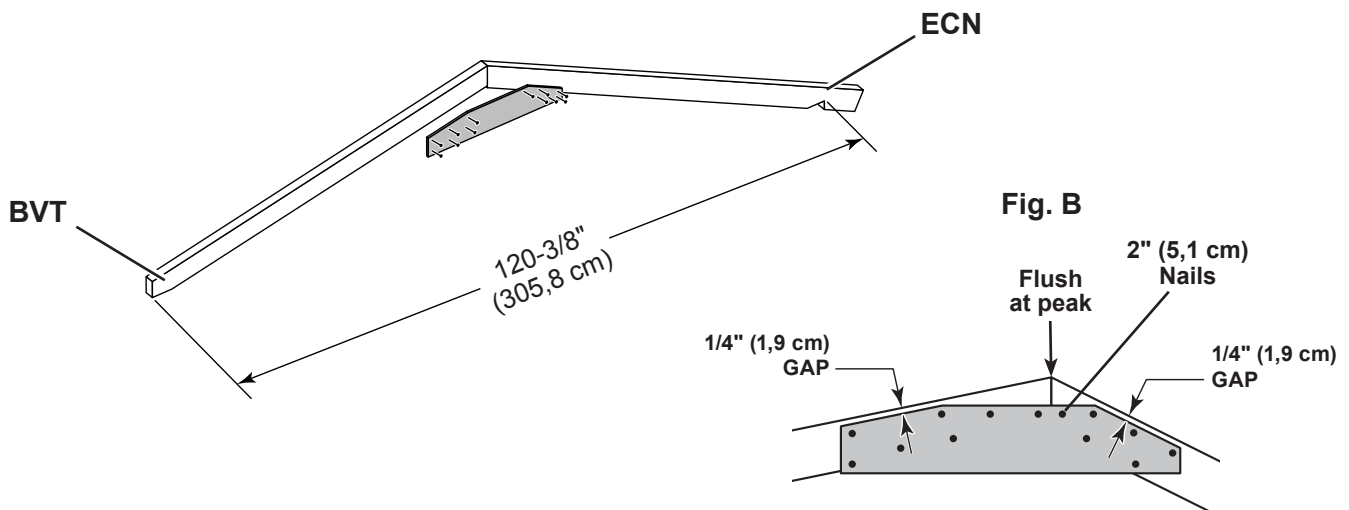
Install gusset on rafters holding a 1/4" gap from edge.

Secure gusset with (1) 2" nail in each rafter.

HINT: These first (2) nails will help hold the measurements when you nail on gussets.



6 Secure gusset to the rafters with (12) 2" nails in the pattern shown (**Fig. B**).



Continue to build the left dormer rafter with only (1) gusset.

DORMER RAFTER ASSEMBLY (LEFT 1 GUSSET)

PARTS REQUIRED:

x1 **BVT**
2 x 4 x 61-1/4" (5,1 x 10,2 x 155,6 cm)

x1 **ECN**
2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)

Temporary Support
x1 **AH**
19/32" x 2-1/2" x 26-5/8" (1,5 x 6,3 x 67,6 cm)

x1 **OSB OR WOOD GRAIN**
4-13/16 x 24" (12,2 x 61 cm)
NOTE: 4-13/16" (15,2 cm) Gusset

x8 2" (5,1 cm)
x4 1-1/4" (3,2 cm)



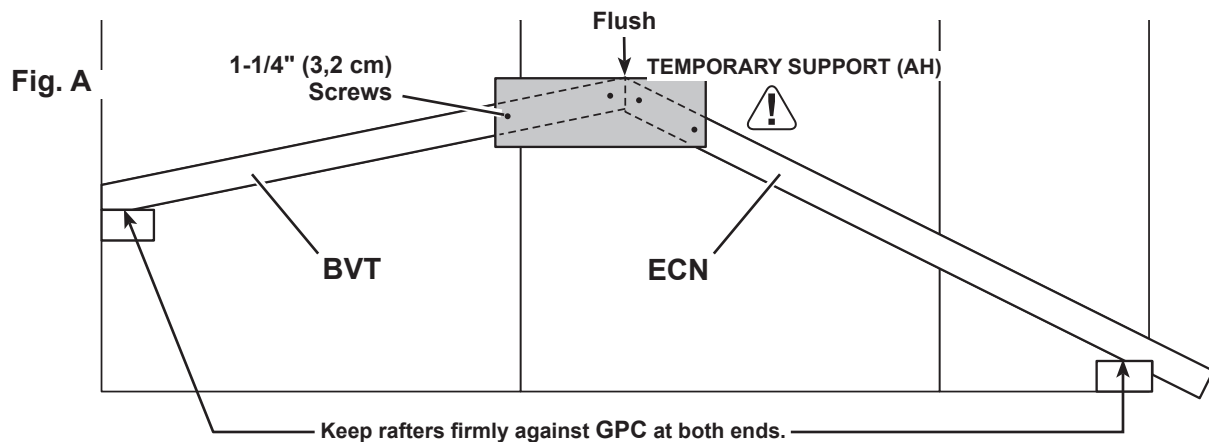
7 Install rafters **BVT** and **ECN** into the jig, as shown.

8 Keep rafters firm against (2) **GPC**'s as shown (**Fig. A**).
Flush rafters at the peak.

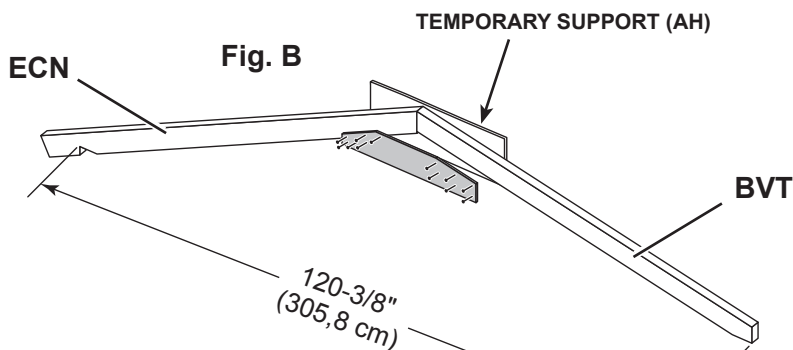
Install gusset on rafters holding a 1/4" gap from edge.

Secure temporary support **AH** with (2) 1-1/4" screws in each rafter.

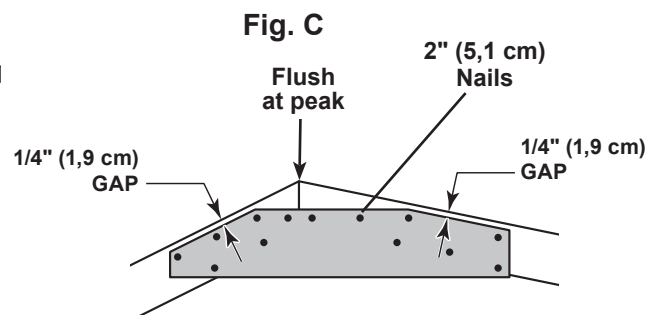
! *The temporary support **AH** will hold the measurements when you flip over the rafters to install the gusset (**Fig B**).*



9 Flip rafters over and fasten the gusset with (12) 2" nails in the pattern shown (**Fig. C**).
(The jig is not necessary to install this gusset, as rafter positioning is held by the temporary support **FA**.)



Remove temporary support **AH from rafter and **GPC** parts from floor.**



Your dormer rafters are now assembled.

DOOR FRAME HEADER ASSEMBLIES

STOP!

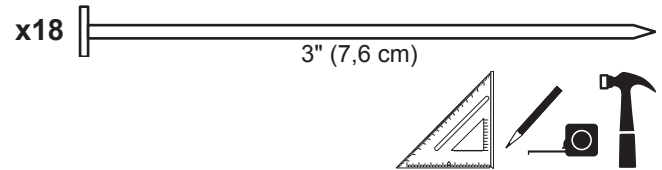
Assemble the double and single door frame headers before building any walls!
Walls with a door will require these assemblies.

STOP!

Pre-assemble the DOUBLE DOOR HEADER

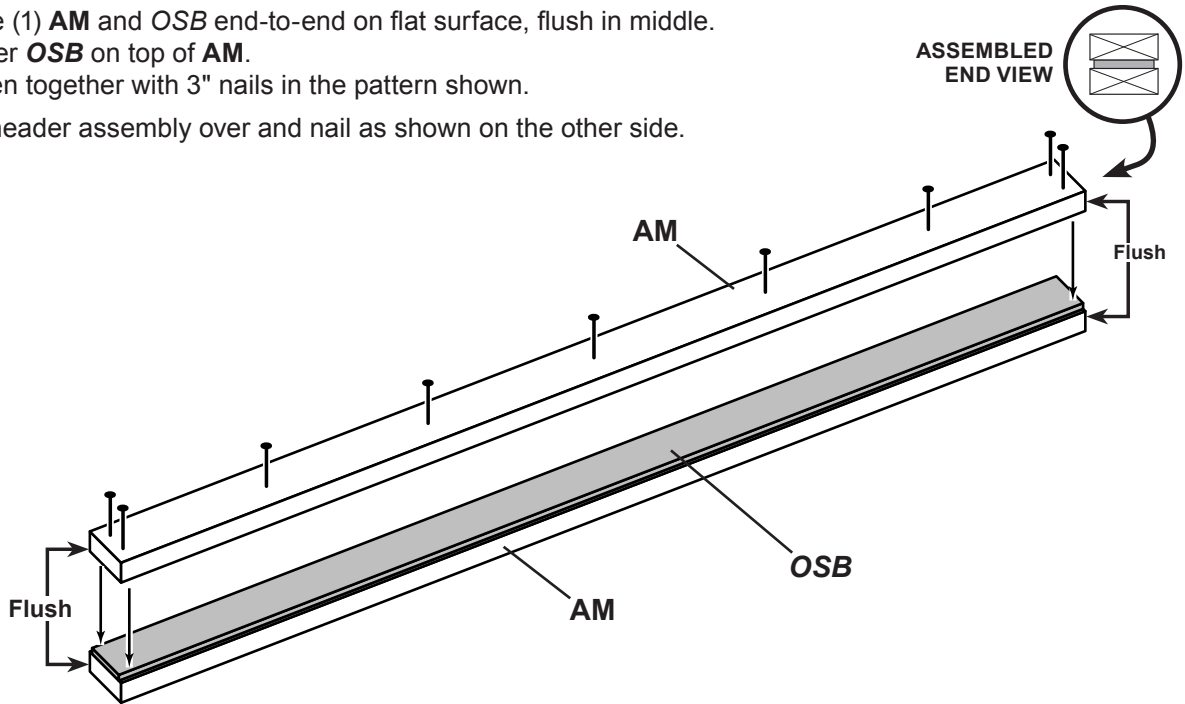
PARTS REQUIRED:

- x2 **AM**
2 x 4 x 67" (5,1 x 10,2 x 170,2 cm)
- x1
7/16 x 3-1/4 x 66-3/4" (1,1 x 8,3 x 170,2 cm) **OSB**



✓ **BEGIN**

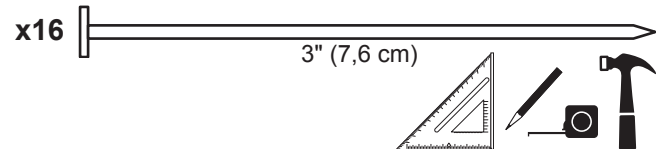
- Place (1) **AM** and **OSB** end-to-end on flat surface, flush in middle.
Center **OSB** on top of **AM**.
Fasten together with 3" nails in the pattern shown.
- Flip header assembly over and nail as shown on the other side.



Pre-assemble the SINGLE DOOR HEADER

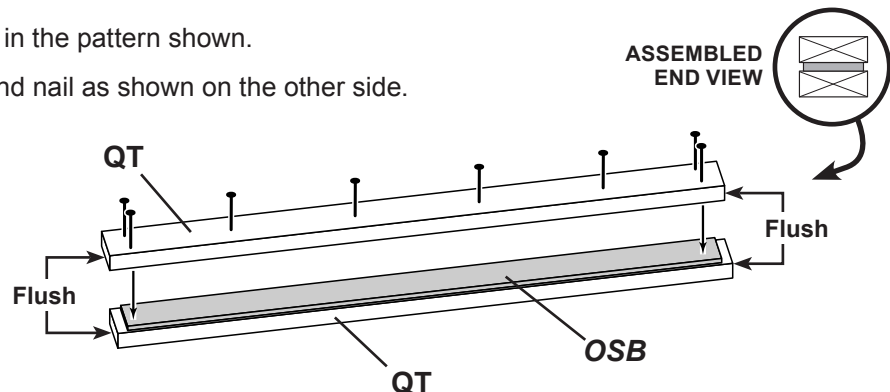
PARTS REQUIRED:

- x2 **QT**
2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)
- x1
7/16 x 3-3/16 x 34-3/4" (1,1 x 8,3 x 88,3 cm) **OSB**



✓ **BEGIN**

- Place (1) **QT** and **OSB** end-to-end on flat surface, flush in middle.
Center **OSB** on top of **QT**.
Fasten together with 3" nails in the pattern shown.
- Flip header assembly over and nail as shown on the other side.



DOUBLE DOOR FRAME UNIT

PARTS REQUIRED:

x5 **UY**

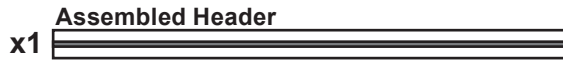
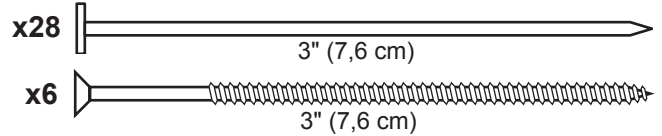
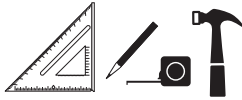
2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)

x2 **YFA**

2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

x2 **AI**

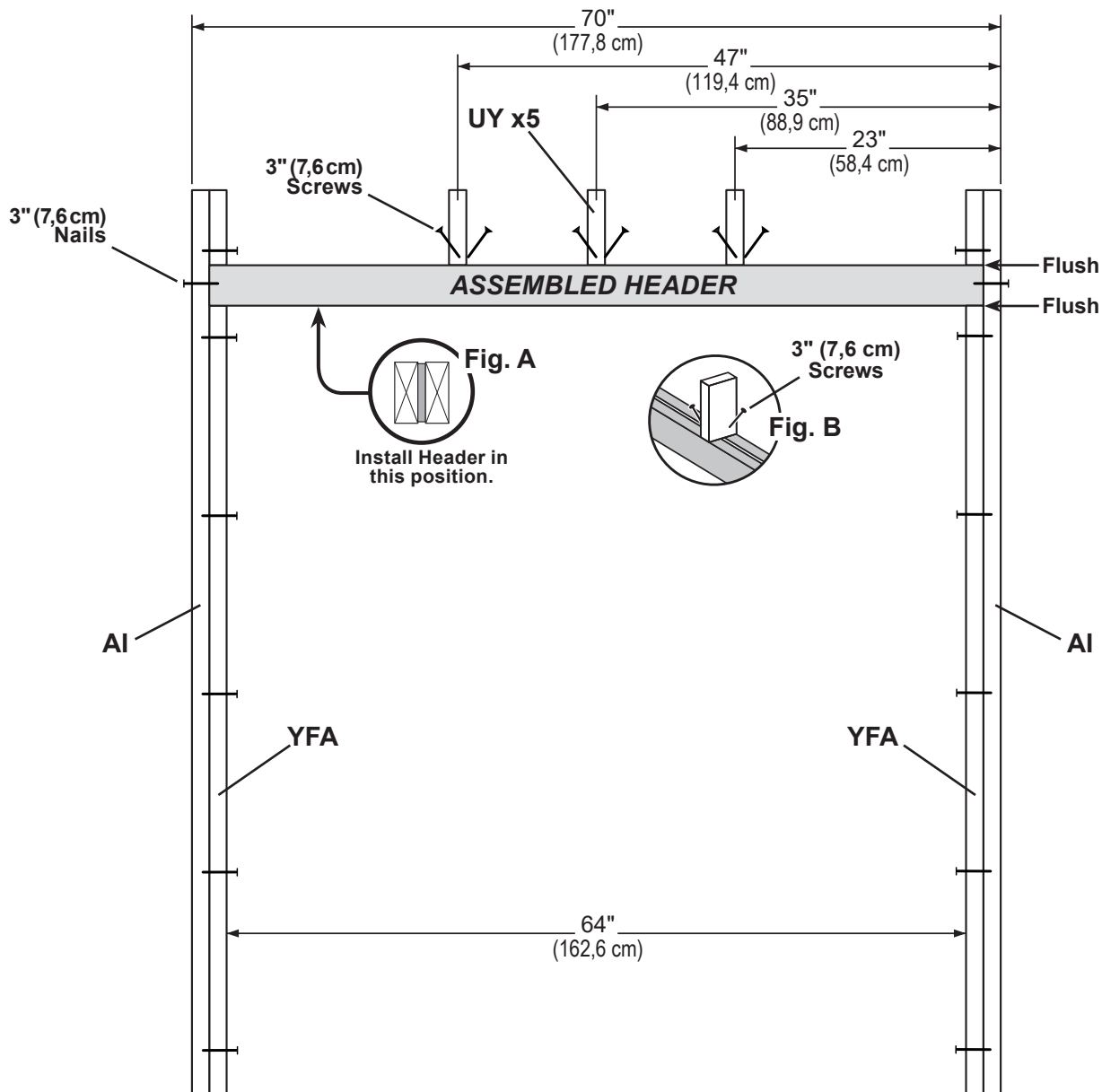
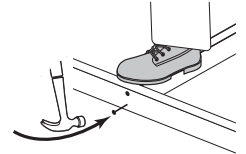
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)



- 3 Arrange parts on edge on floor, as shown. Measure and mark from end of boards.
Orient **Assembled Header** on flat side (**Fig. A**).
Secure with (2) 3" nails at each connection.

HINT:
For easier nailing
stand on frame.

- 4 Fasten (3) middle parts **UY** to **Pre Assembled Header** with (2) 3" screws (**Fig. B**).
Secure parts **UY** to top plates with (2) 3" nails at each connection and (4) 3" nails at seam.



FINISH

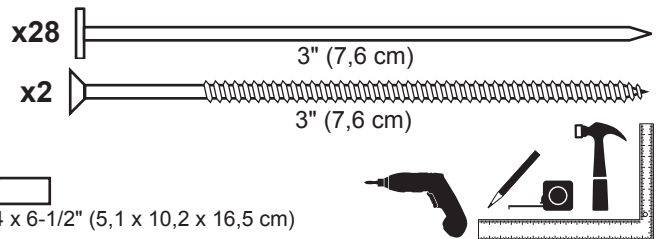
Your double door frame unit is now assembled.

SINGLE DOOR FRAME UNIT

PARTS REQUIRED:

- x2 **YFA**
2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
- x2 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
- x1 **Assembled 35" Header**

- x1 **UY**
2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)

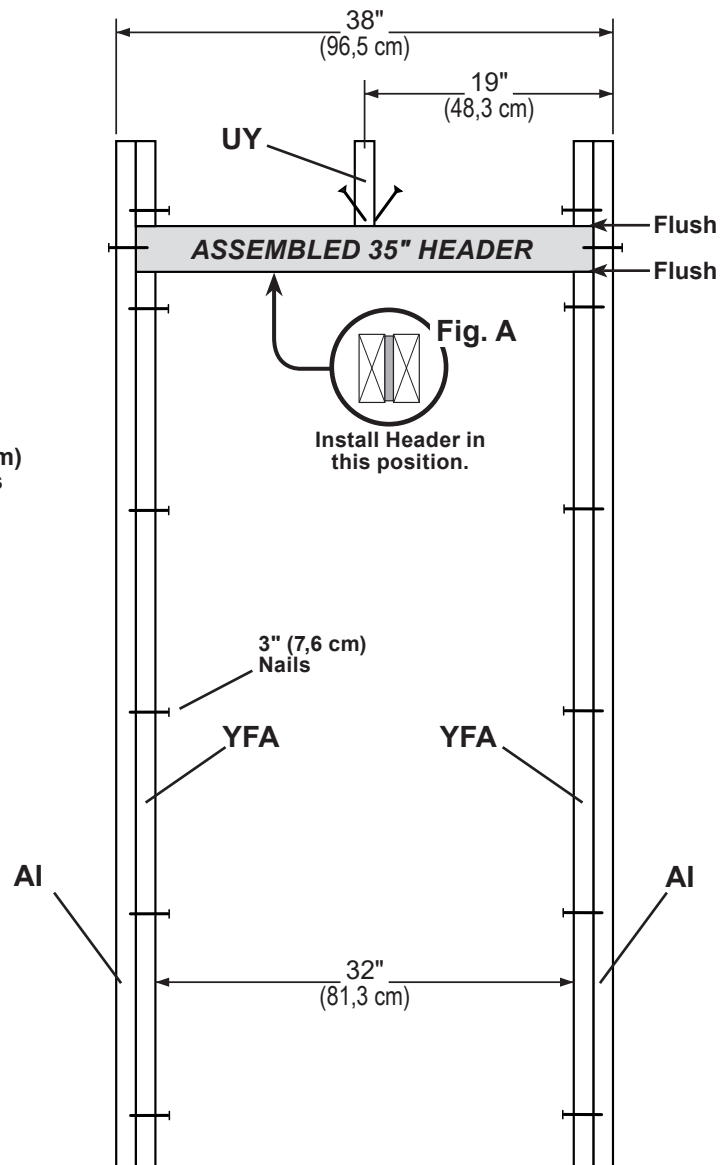
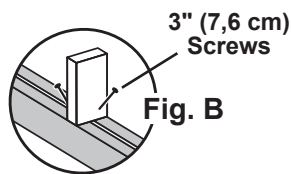


BEGIN 1

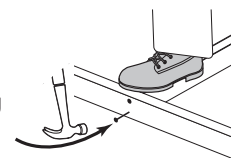
Arrange parts on edge on floor, as shown.
Measure and mark from end of boards.
Orient the **35" Assembled Header** on flat side (**Fig. A**).
Secure parts with (2) 3" nails at each location.

2

Measure, install and secure (1) **UY** to **Assembled Header** with (2) 3" screws (**Fig. B**).



HINT:
For easier nailing
stand on frame.



Your single door frame unit is now assembled.

WINDOW FRAME UNITS

PARTS REQUIRED:

x3 **AMA** 2 x 4 x 7-1/2" (5,1 x 10,2 x 20,3 cm)

x6 **AO** 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)

x3 **LV** 2 x 3 x 22-1/2" (5,1 x 7,6 x 57,1 cm)

x6 **AI** 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x42 3" (7,6 cm)



Build (3) window frame units.

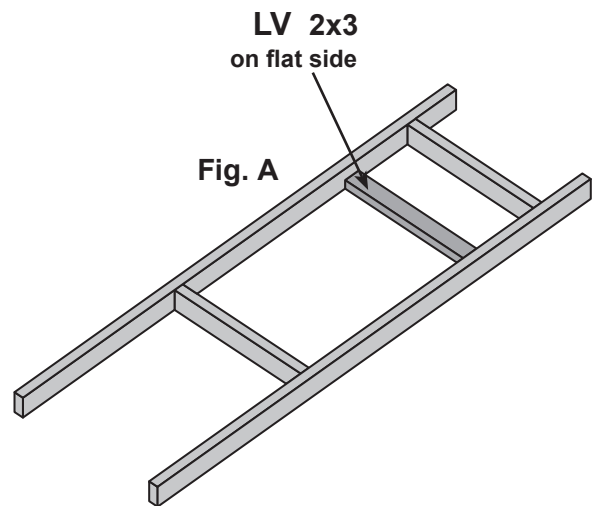
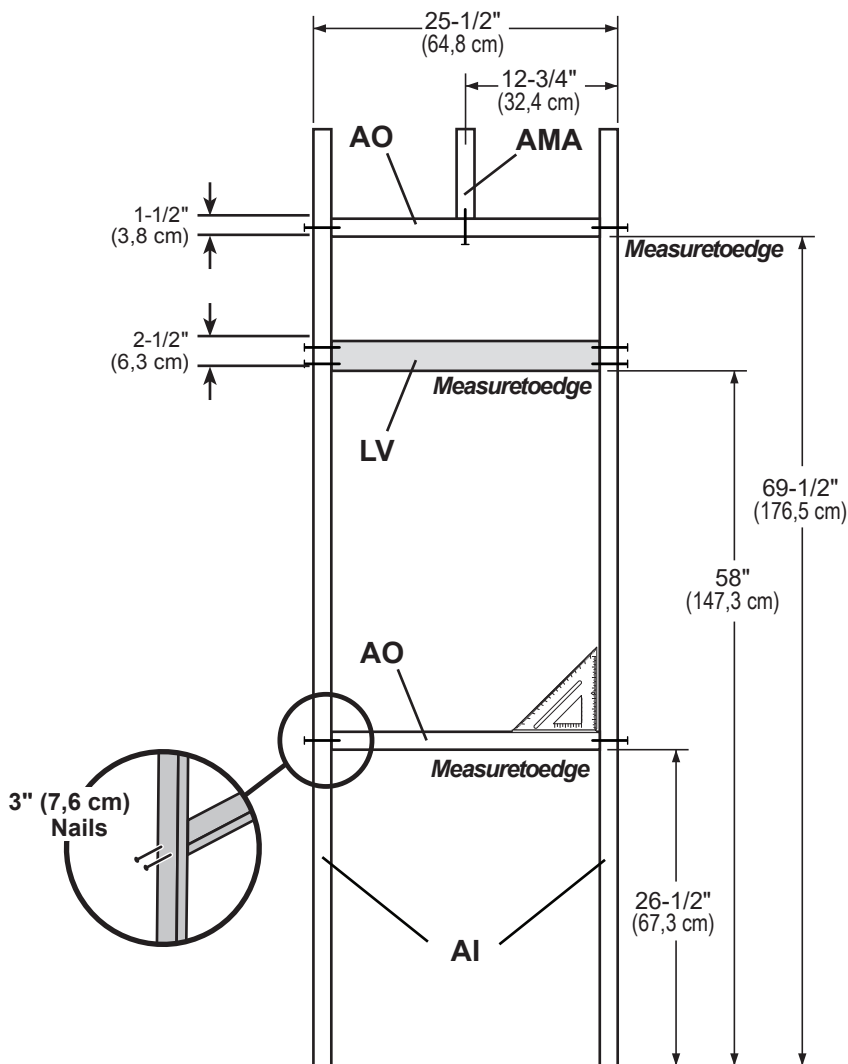
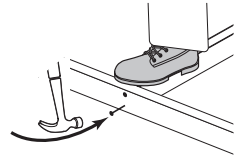
✓ BEGIN

- 1 Arrange 2x4 parts on edge on floor. Lay **LV** on the flat side (**Fig. A**). Measure to edges of **AO** and **LV** and mark locations.

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



HINT:
For easier nailing
stand on frame.



Repeat steps to build (2) additional window frame units.



Your (3) window frame units are now assembled.

WALL INDEX

Create your own style of shed. Choose your door location.

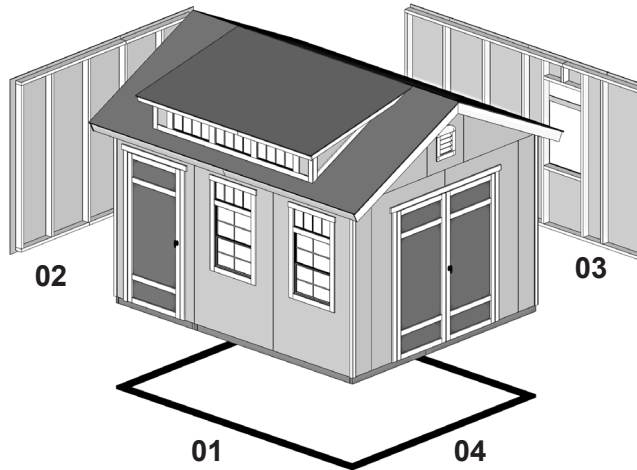
Use this guide to find the corresponding wall construction and installation pages.



IMPORTANT! Build your door header before building any walls (see next page).

After assembling the walls for your 10' x 12' shed, go to page 50 for wall installation.

Standard Wall Layout A



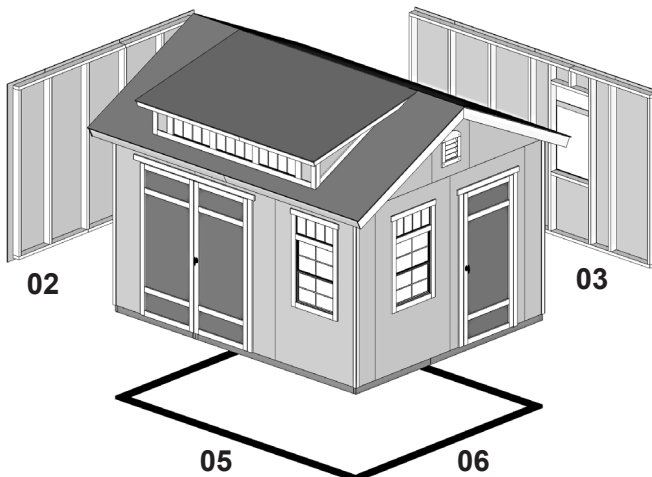
Wall 01: Page 34

Wall 02: Page 36

Wall 03: Page 38

Wall 04: Page 40

Custom Wall Layout B



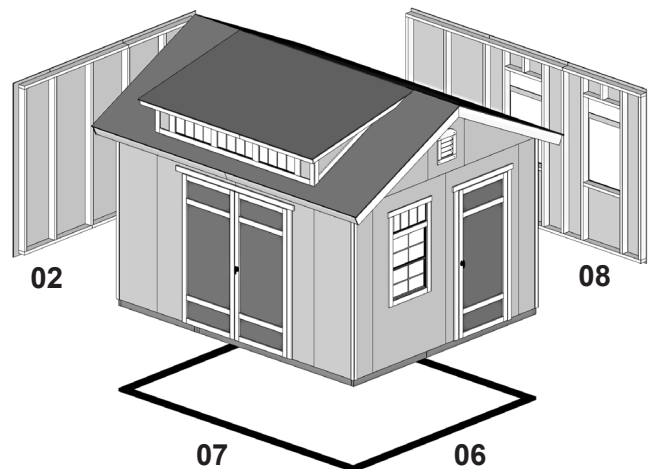
Wall 05: Page 42

Wall 02: Page 36

Wall 03: Page 38

Wall 06: Page 44

Custom Wall Layout C



Wall 07: Page 46

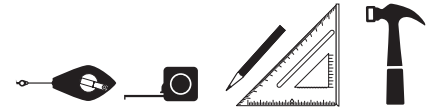
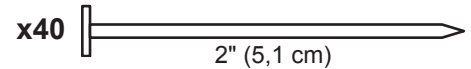
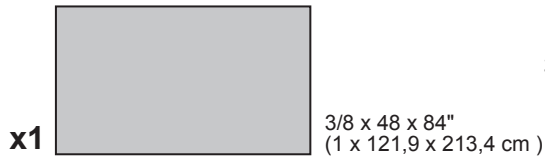
Wall 02: Page 36

Wall 08: Page 48

Wall 06: Page 44

WALL PANEL INSTALLATION HINTS & EXAMPLES

PARTS REQUIRED:

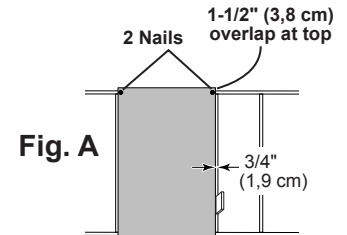


! Ensure your wall is square by installing one panel and squaring frame.

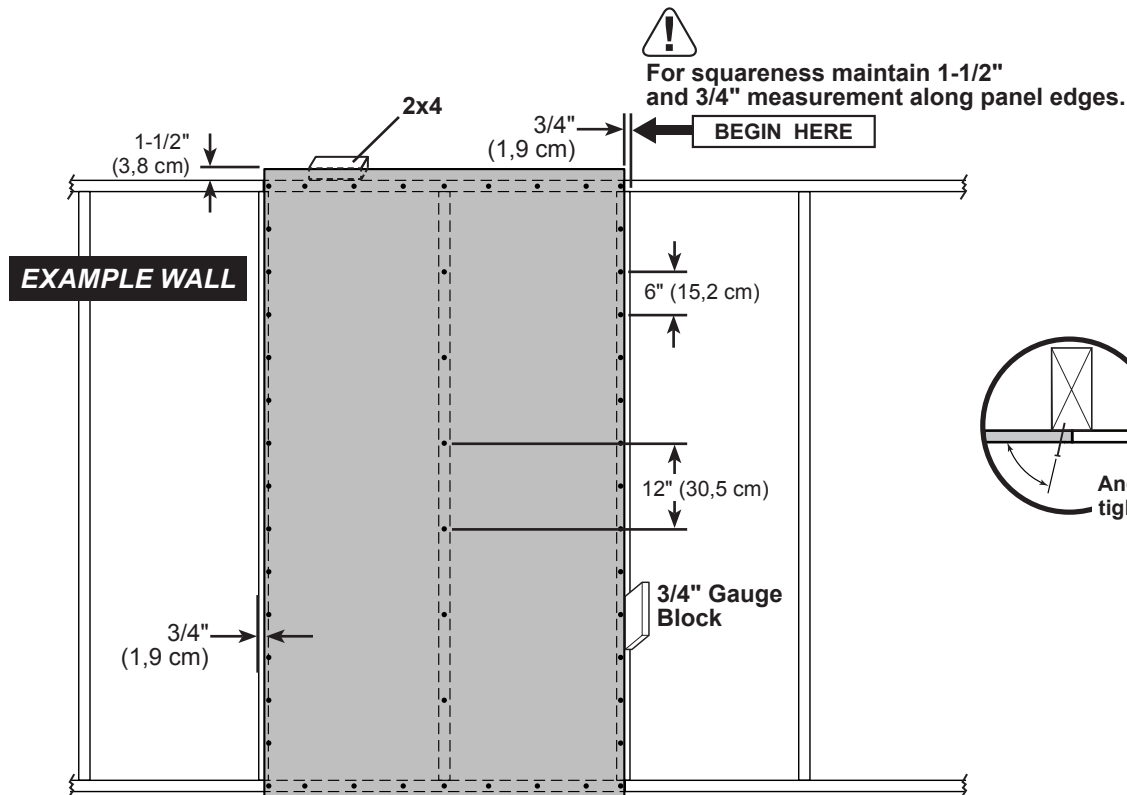
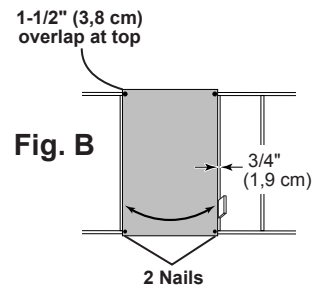
Install all wall panels with the primed side facing up.

✓ BEGIN

- 1 Place (1) 48" x 84" panel on the wall frame, as shown.
Locate the panel 1-1/2" above the top plate.
Use a 2x4 as a gauge block for the 1-1/2" top overhang measurement.
Use the **GAA** gauge block to mark the 3/4" side measurement on the wall stud.
Secure panel with (2) 2" nails in the corners (**Fig. A**).



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



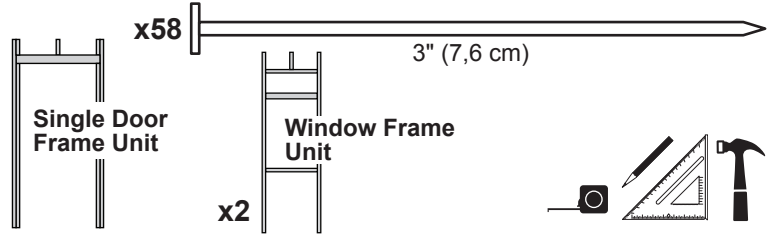
12' WALL 01

PARTS REQUIRED:

x2 **SP**
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

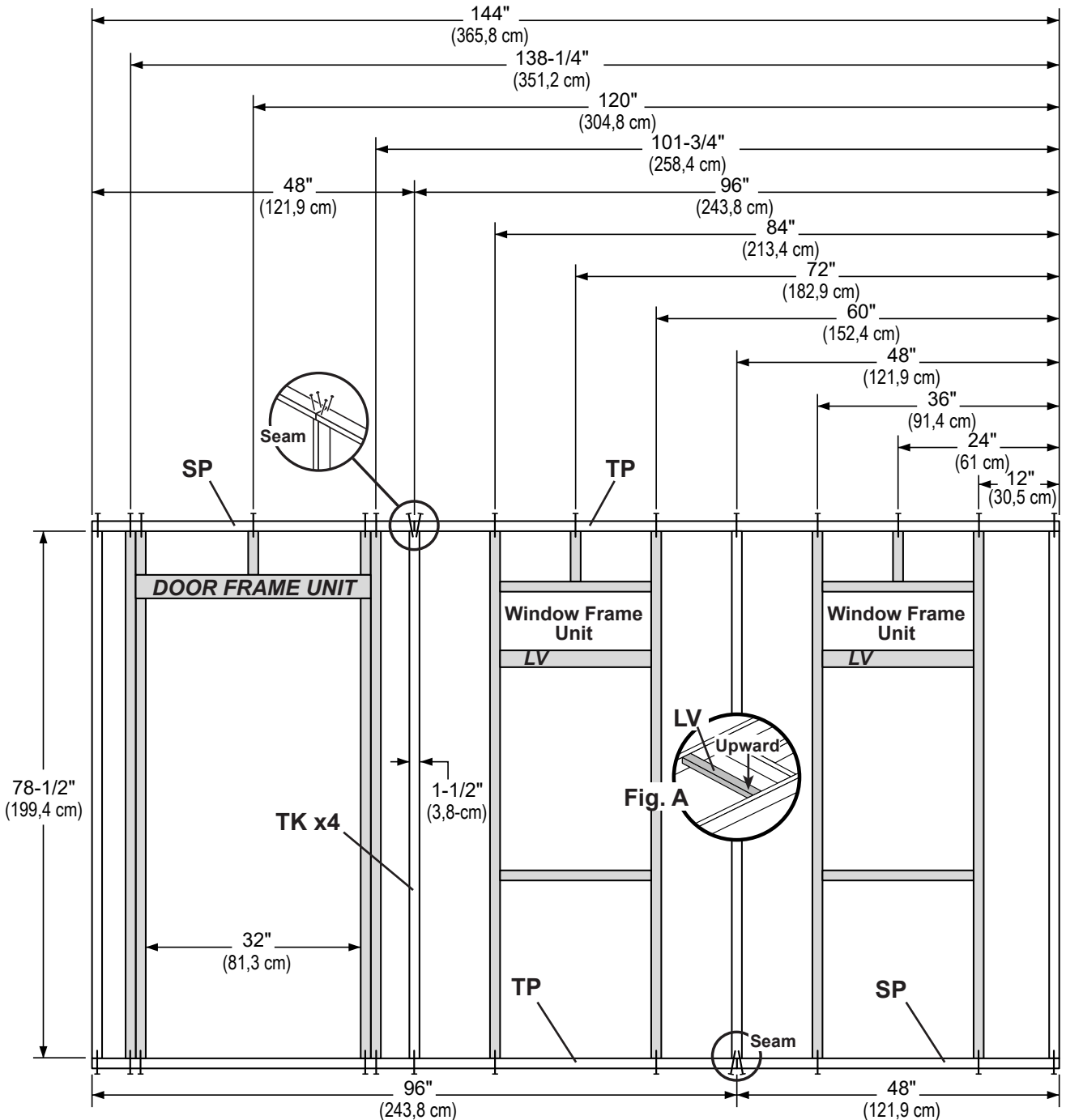
x4 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x2 **TP**
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)



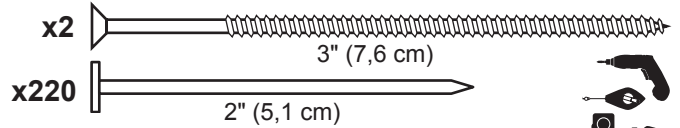
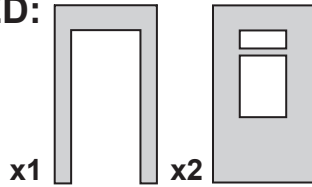
BEGIN

- 1 Arrange parts on edge on floor. Measure and mark from end of boards.
Place the **Door Frame Unit** and (2) **Window Frame Units** at measurements shown.
See window frame position (**Fig. A**).
Secure parts with (2) 3" nails at each connection and (4) 3" nails at seam.



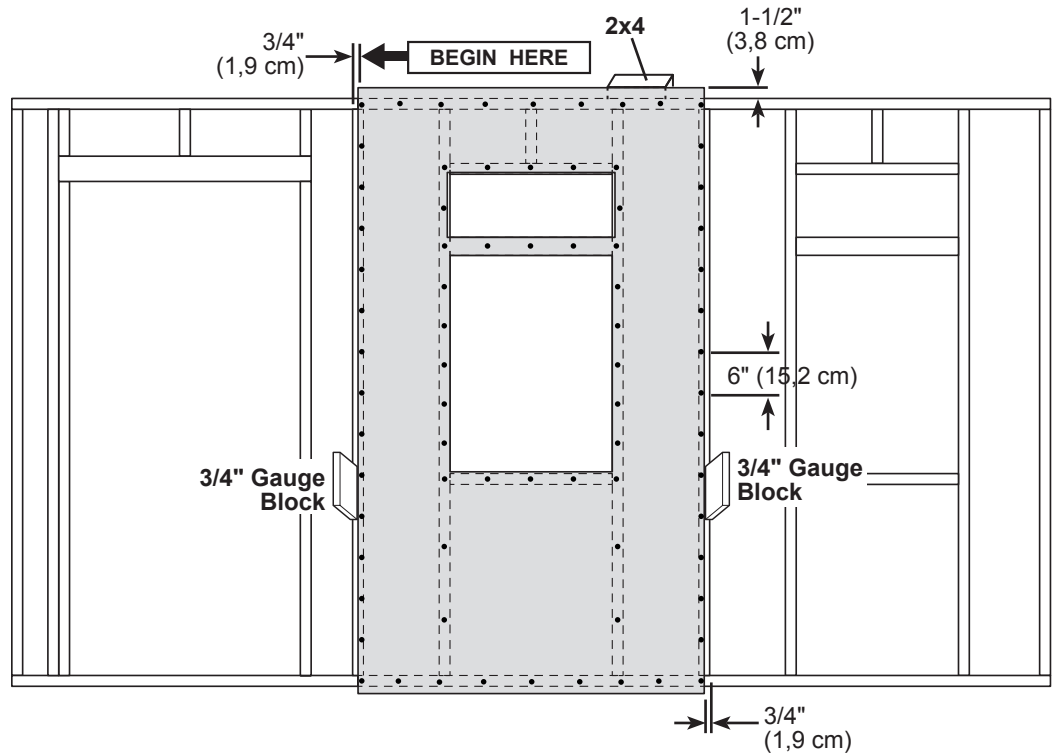
12' WALL 01

PARTS REQUIRED:



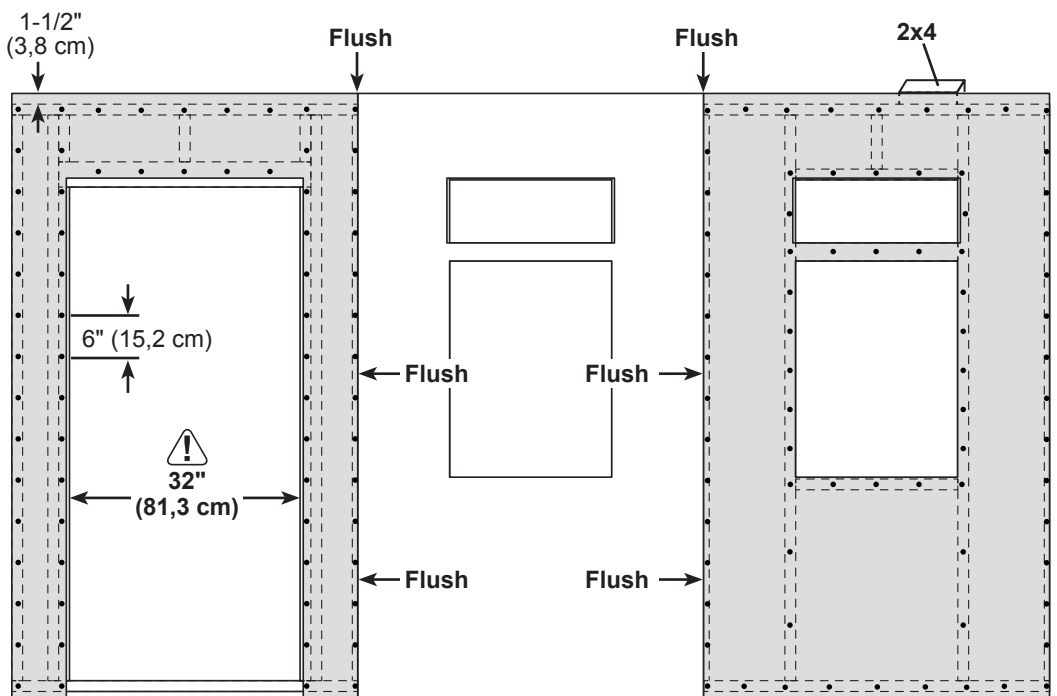
2

Install the middle window panel 1-1/2" from the top plate. Secure panel with 2" nails spaced 6" apart on edges.



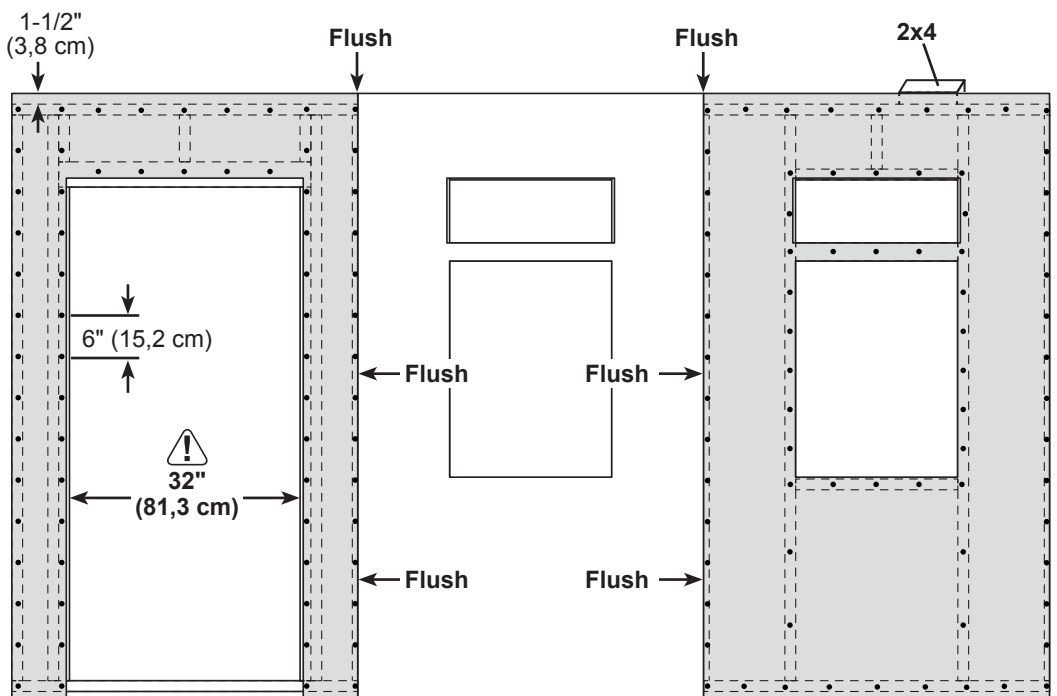
3

Install the 2nd window panel flush to the installed panel. Secure panel with 2" nails spaced 6" apart on edges.



4

Install the door panel flush to installed panel, as shown. Ensure 32" (81,3 cm) door frame measurement. Secure panel with 2" nails spaced 6" apart on edges.



Your 12' wall 01 is now assembled. Carefully flip the wall over.

10' WALL 02

PARTS REQUIRED: x2 **STL**
2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)

x28 **3"** (7,6 cm)

x2 **YFA**
2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

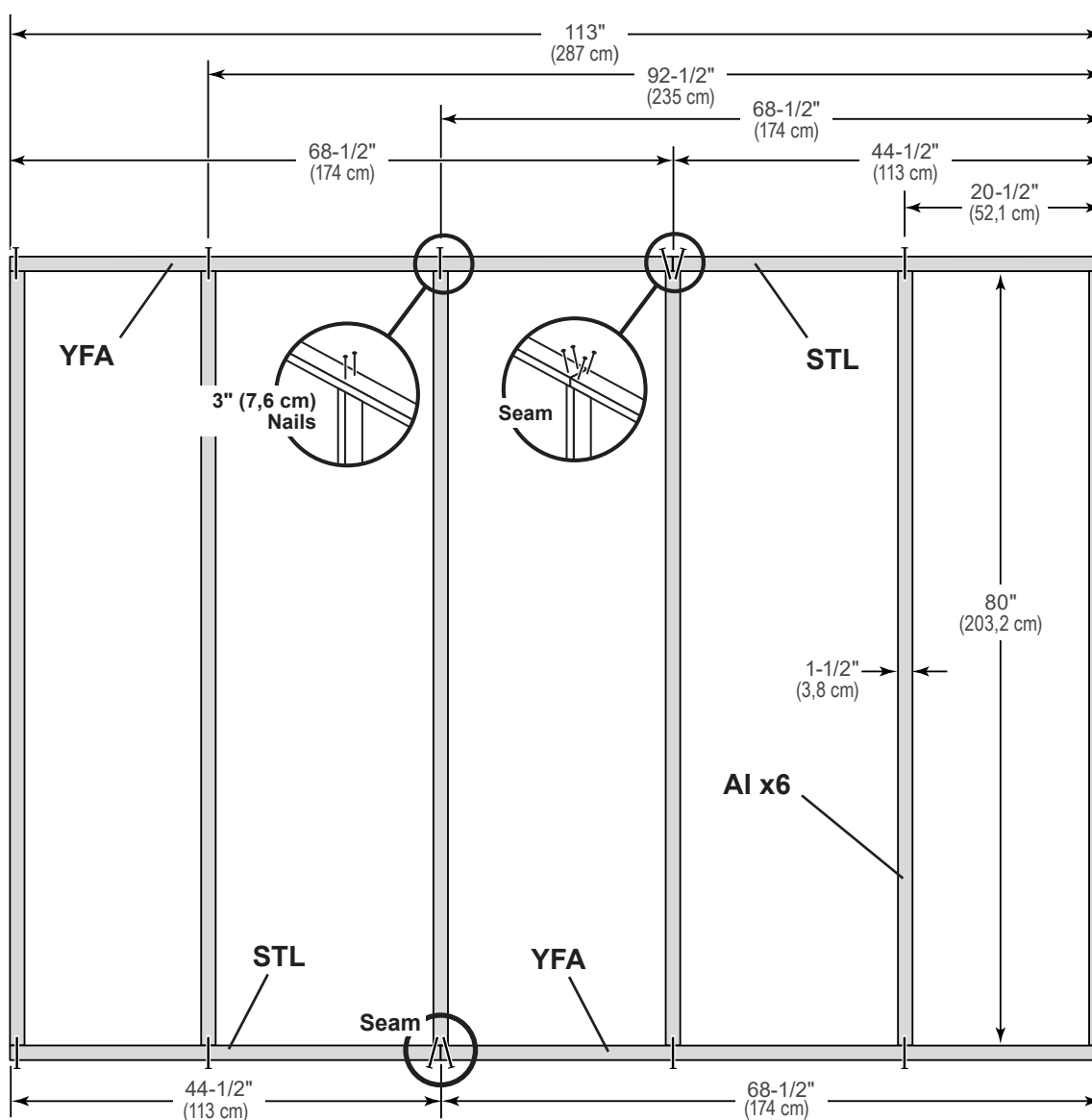
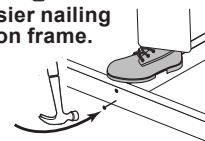
x6 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)



✓ BEGIN

- 1 Arrange parts on edge on floor. Measure and mark.
Secure parts with (2) 3" nails at each mark and (4) nails at seams.

HINT:
For easier nailing
stand on frame.



10' WALL 02

PARTS REQUIRED:

x1



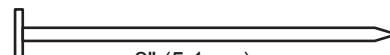
23-7/8 x 84"
(60,6 x 213,4 cm)

x2



48 x 84"
(122 x 213,4 cm)

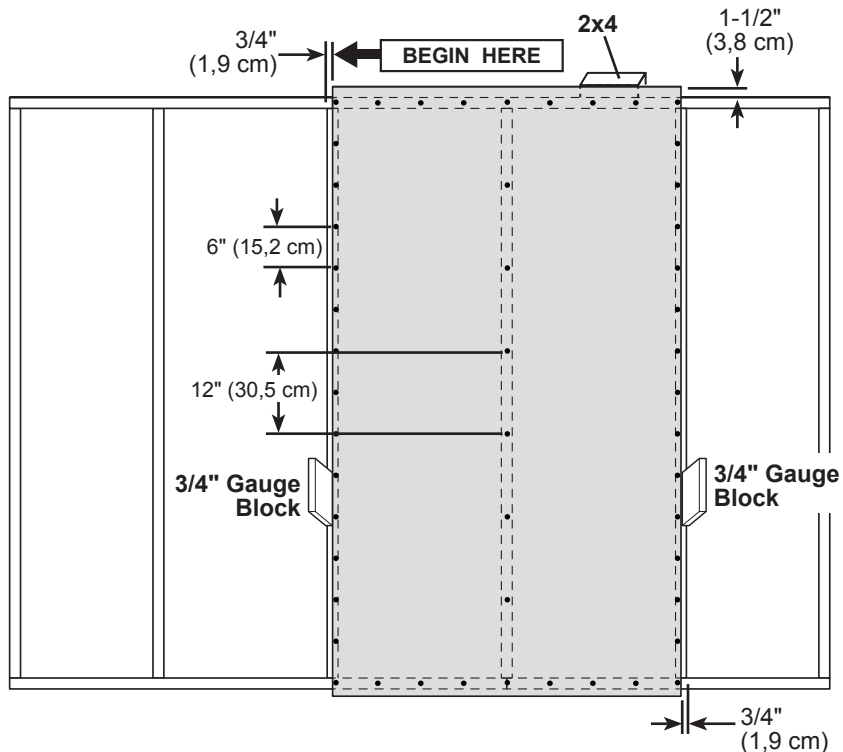
x136



2

Install (1) **48" x 84"** panel 1-1/2" from the top plate.

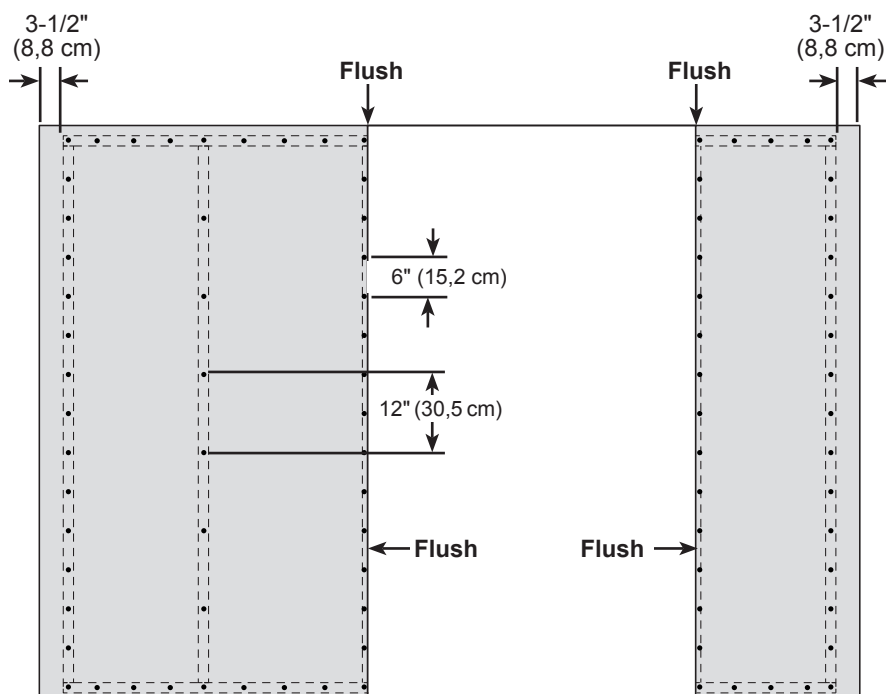
Secure panel with 2" nails spaced 6" apart along edges and 12" inside panel.



3

Install **23-7/8" x 84"** and **48" x 84"** panels flush to the installed panel.

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



Your 10' wall 02 is now assembled.
Carefully flip the gable end wall over.

12' WALL 03

PARTS REQUIRED:

x2 **SP**
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x4 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x2 **TP**
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

x1



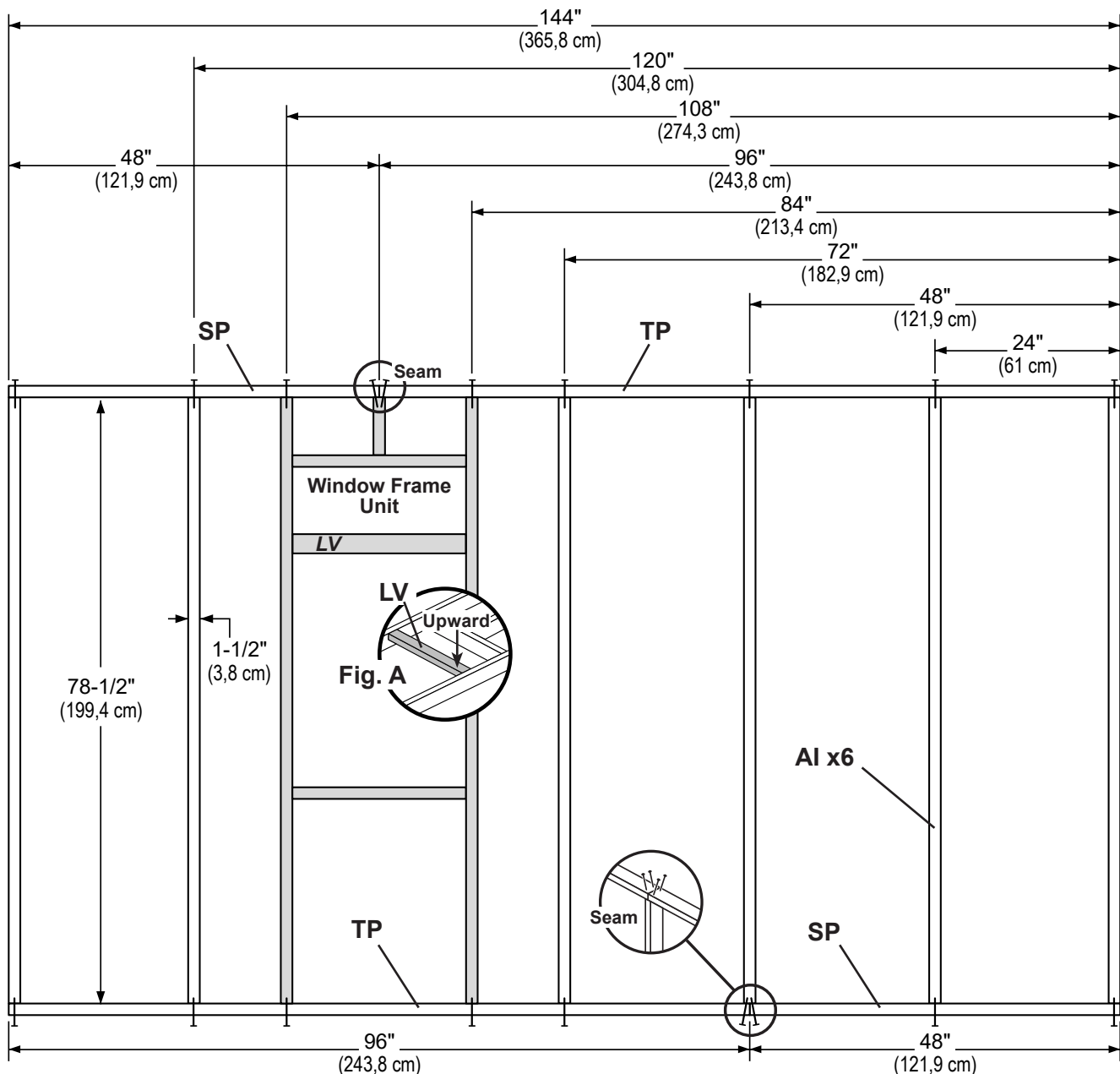
Window Frame Unit

x38 3" (7,6 cm)



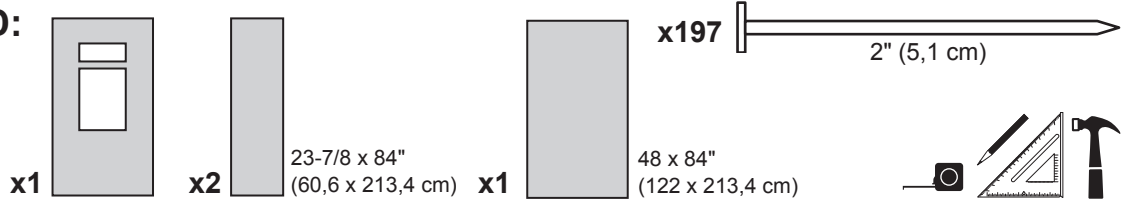
✓ BEGIN

- 1 Arrange parts on edge on floor. Measure and mark from end of boards.
Place the **Window Frame Unit** at measurements shown.
See window frame position (**Fig. A**).
Secure parts with (2) 3" nails at each connection and (4) 3" nails at seam.



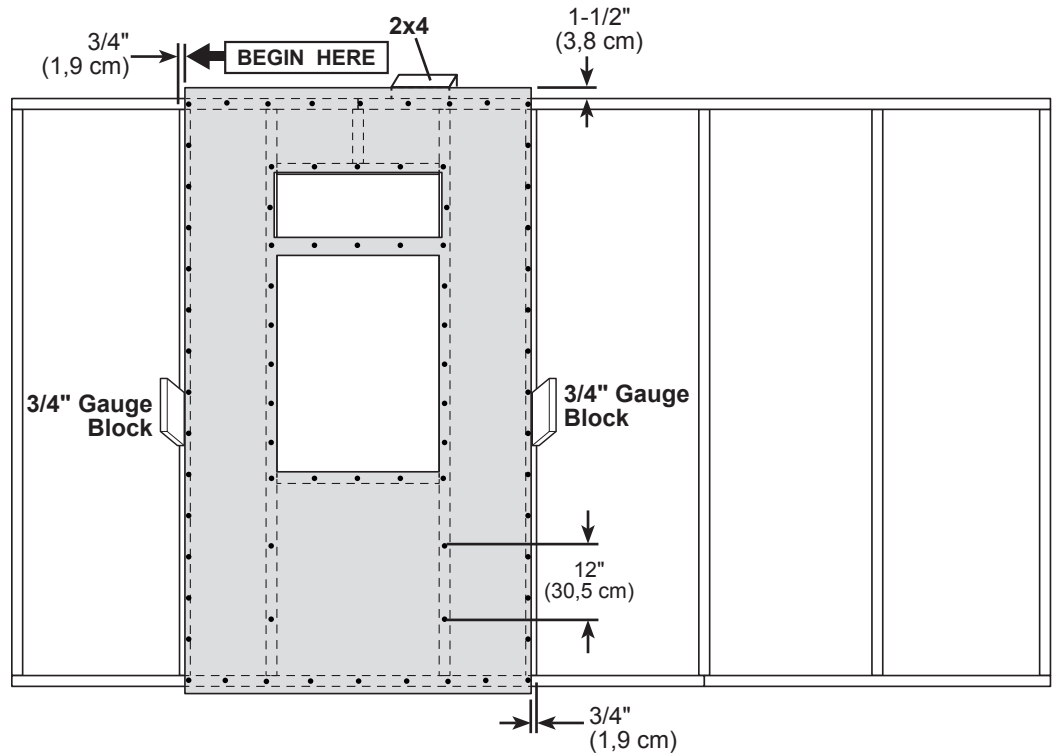
12' WALL 03

PARTS REQUIRED:



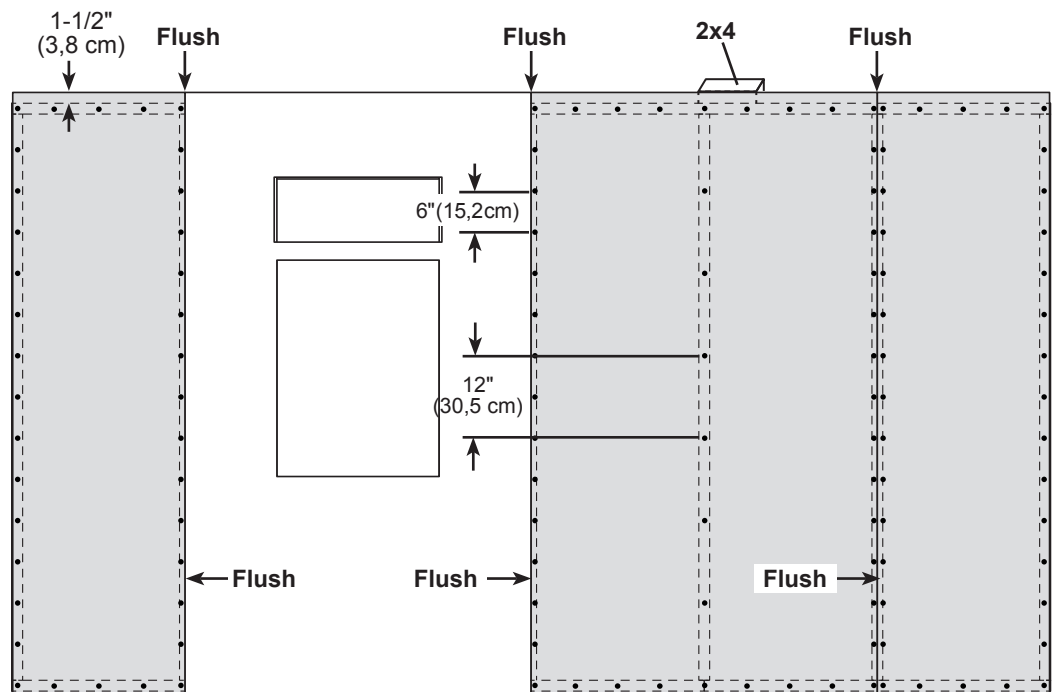
2

Install the window panel 1-1/2" from the top plate.
Secure panel with 2" nails spaced 6" apart on edges.



3

Install (1) 48" x 84" panel flush to installed panel.
Secure panel with 2" nails spaced 6" apart along edges and 12" inside panel.



4

Install (2) 23-7/8" x 84" panels flush to the installed panels.

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

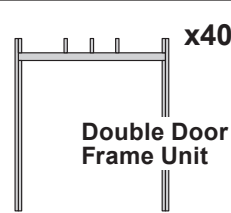


Your 12' wall 03 is now assembled.
Carefully flip the wall over.

10' WALL 04

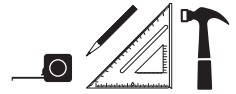
PARTS REQUIRED:

- x2 **STL**
2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)
- x2 **YFA**
2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
- x4 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)



x40

3" (7,6 cm)

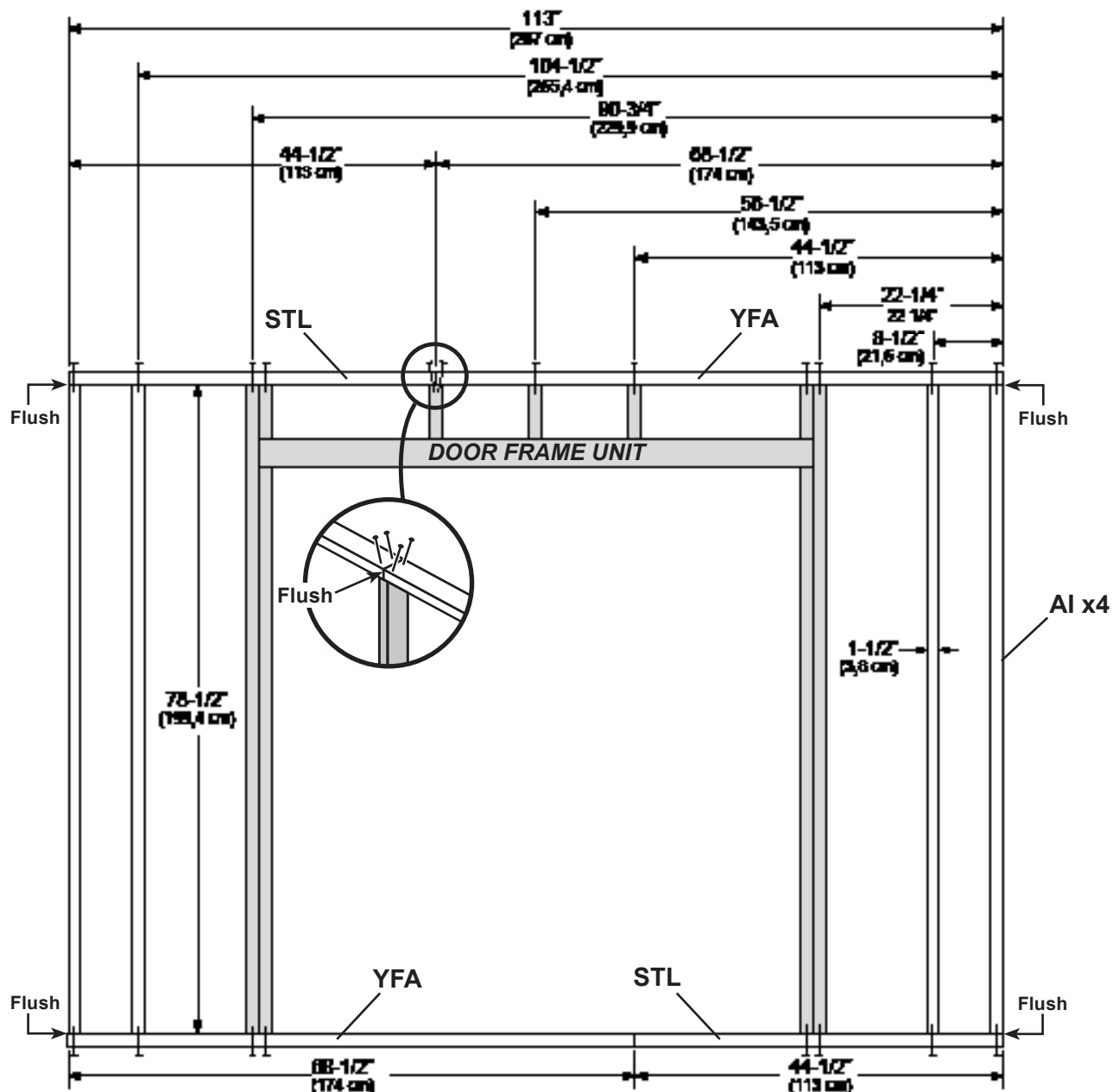
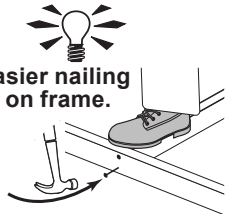


BEGIN

1

- Arrange parts on edge on floor. Measure and mark from end of boards.
- Place the **Door Frame Unit** at measurements shown.
- Secure parts with (2) 3" nails at each connection and (4) 3" nails at seam.

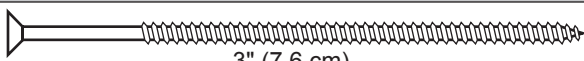
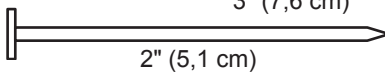
HINT:
For easier nailing
stand on frame.



10' WALL 04

PARTS REQUIRED:

x2 
3/8 x 11-7/8 x 84"
(1 x 30,2 x 213,4 cm)

x2 
3" (7,6 cm)
x154 
2" (5,1 cm)

x1  **OO Temporary Brace**
69" (75,3 cm) Door Stiffener



2

Install the left panel 1-1/2" from the top plate.

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

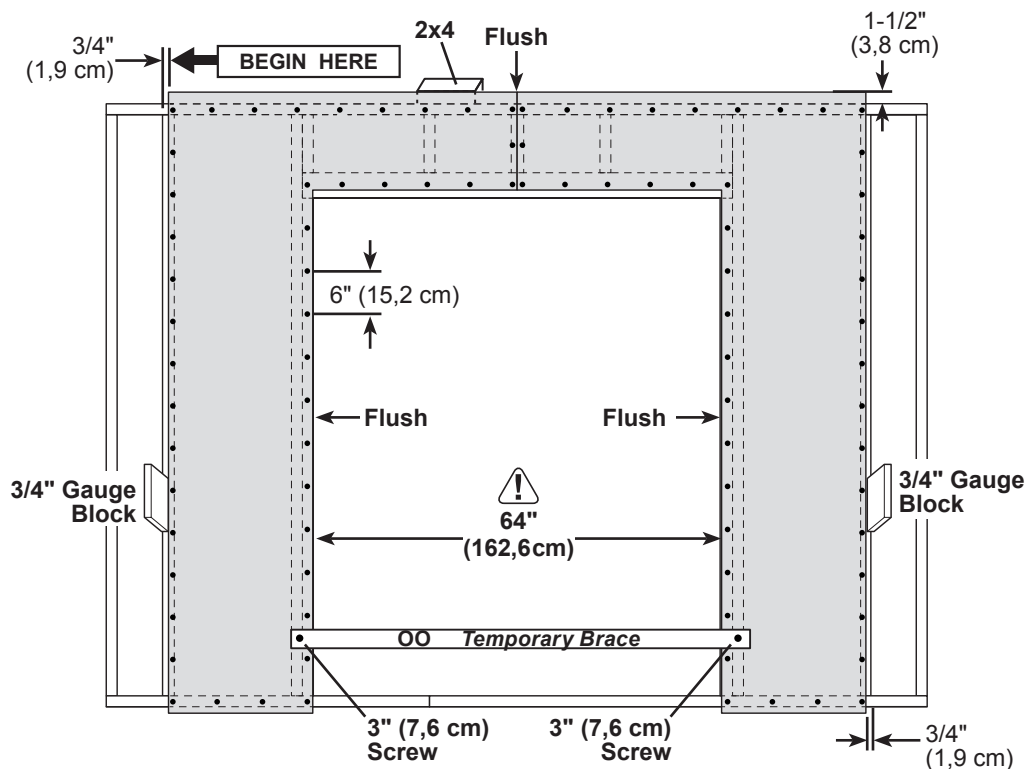
3

Install the right panel flush to installed panel, as shown.

Ensure 64" (162,8 cm) door measurement.

Use part **OO** as a temporary brace. Secure with (2) 3" screws.

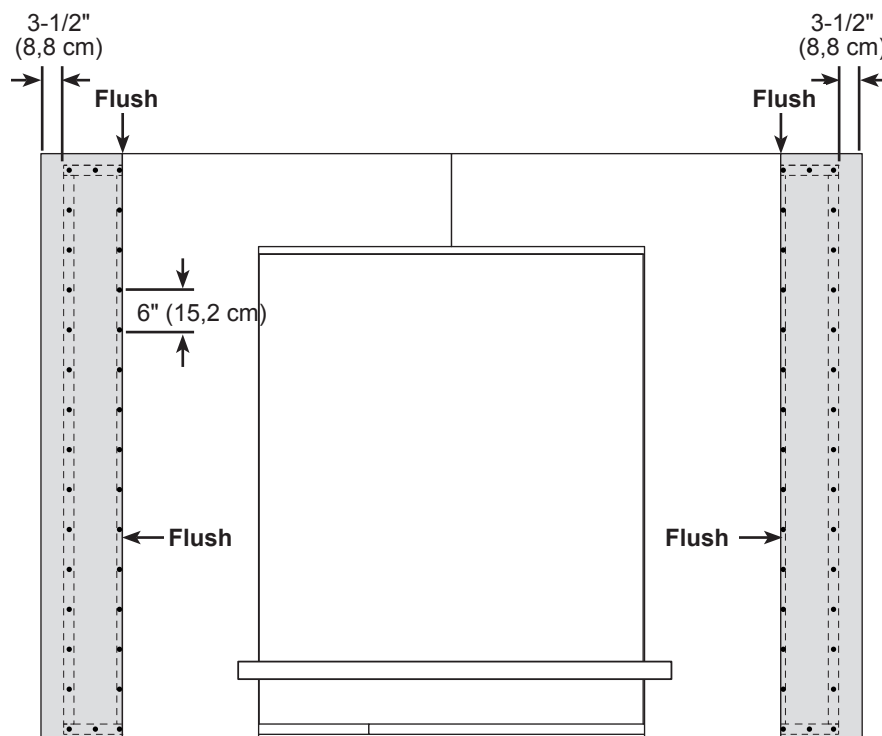
Secure panels with 2" nails spaced 6" apart on edges.



4

Install (2) 23-7/8" x 84" panels flush to the installed panels.

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



Your 12' wall 01 is now assembled. Carefully flip the wall over.

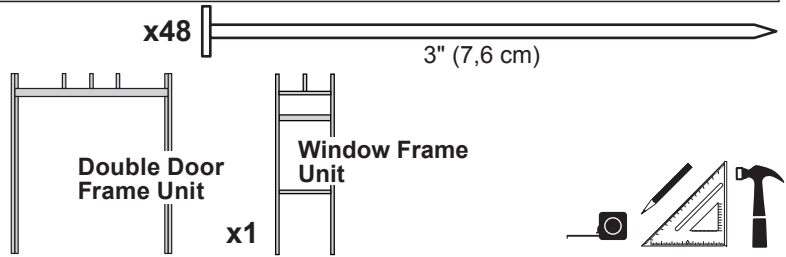
12' WALL 05

PARTS REQUIRED:

x2 **SP**
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

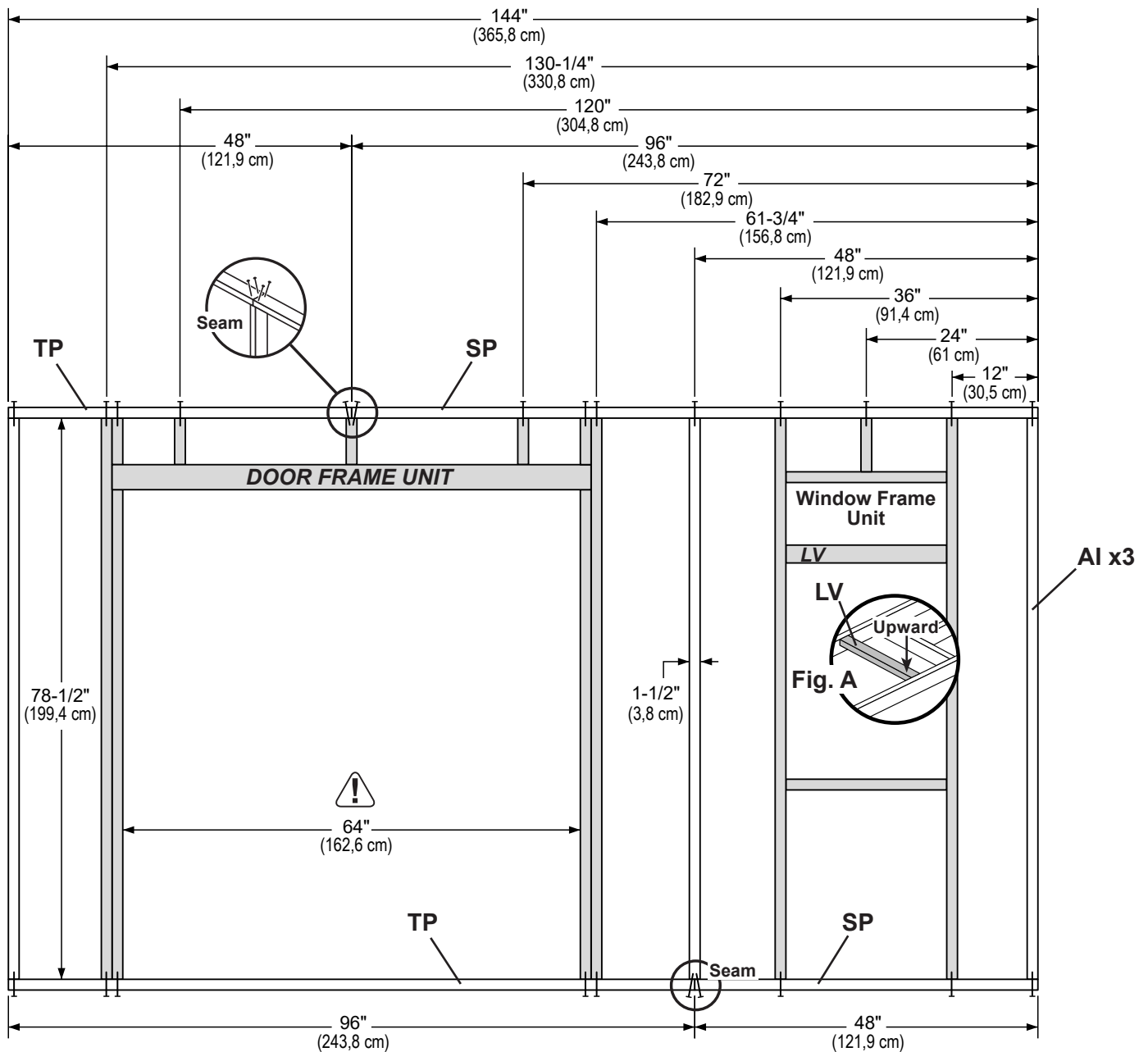
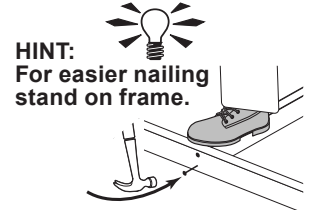
x3 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x2 **TP**
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)



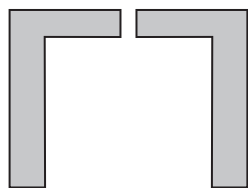
BEGIN

- 1 Arrange parts on edge on floor. Measure and mark from end of boards.
Place the **Door Frame Unit** and **Window Frame Unit** at measurements shown.
Secure parts with (2) 3" nails at each connection and (4) 3" nails at seam.

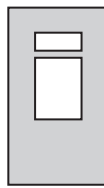


12' WALL 05

PARTS REQUIRED:



x1

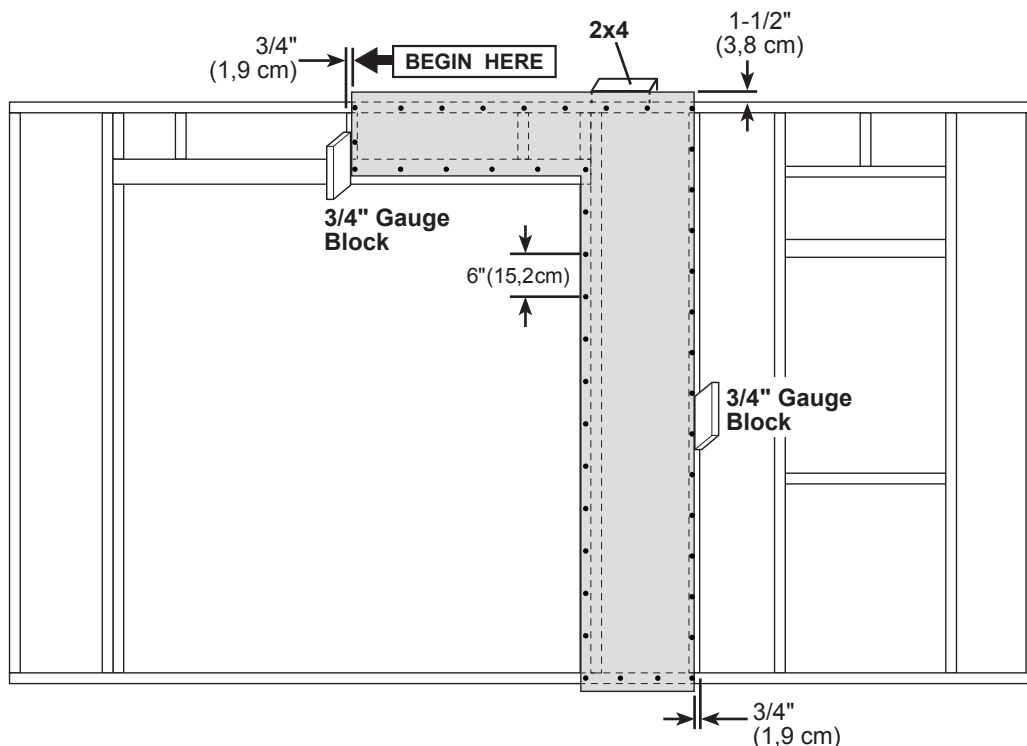


x165 2" (5,1 cm)



2

Install the right door panel 1-1/2" from the top plate. Secure panel with 2" nails spaced 6" apart on edges.



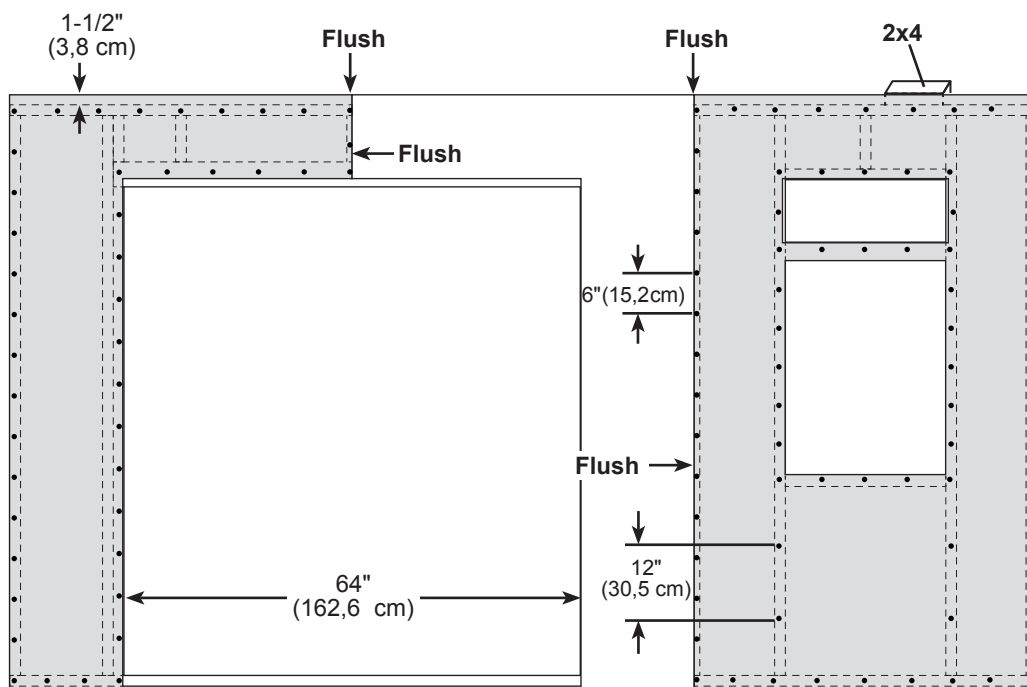
3

Install the left door panel flush to the installed panel. Ensure 64" (162,8 cm) door measurement. Secure panel with 2" nails spaced 6" apart on edges.

4

Install window panel flush to the installed panel.

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

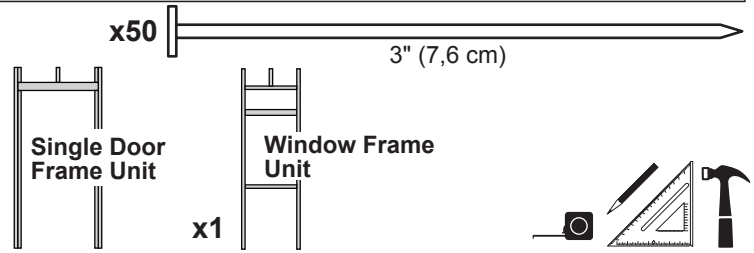


Your 12' wall 05 is now assembled. Carefully flip the wall over.

10' WALL 06

PARTS REQUIRED:

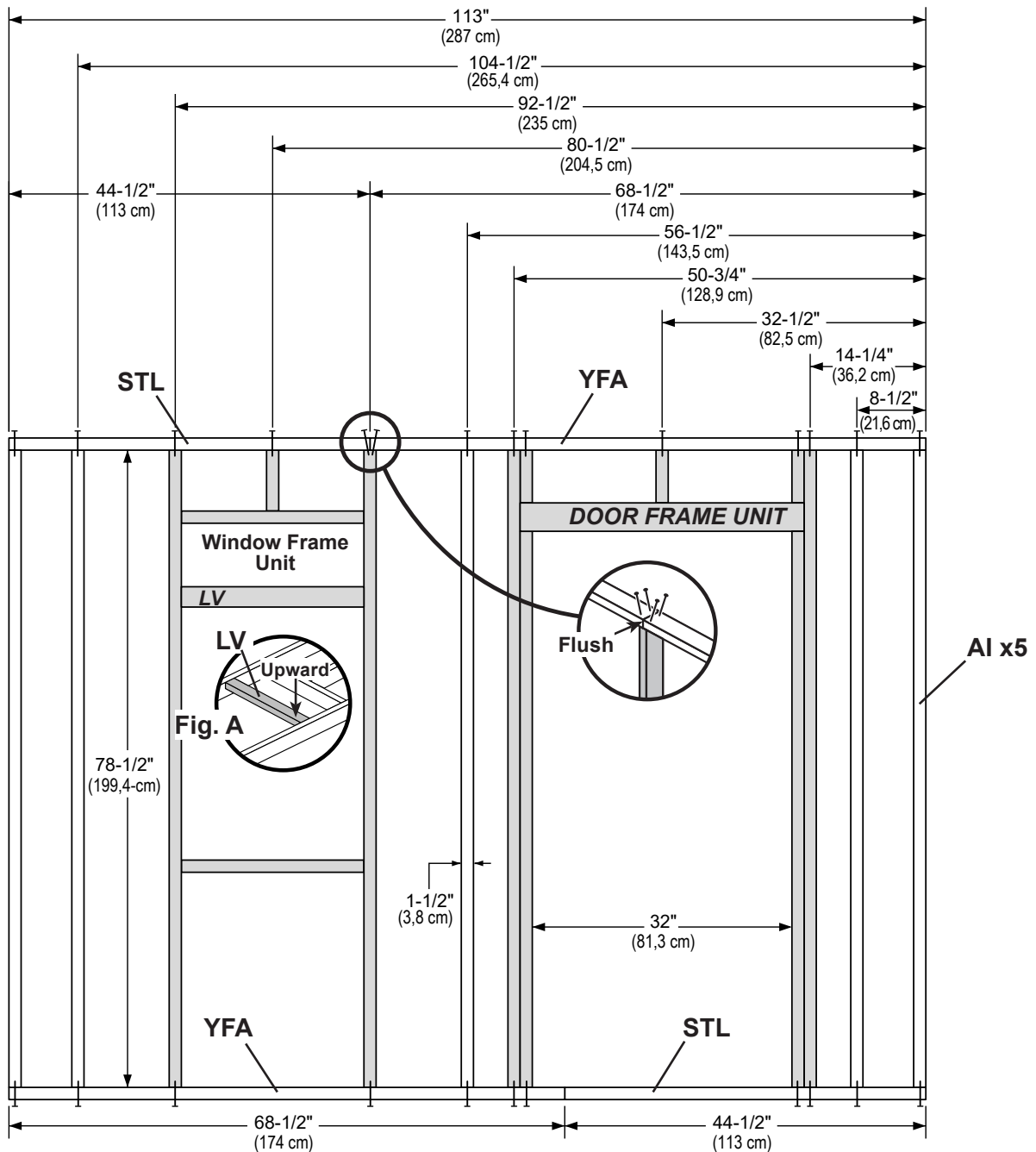
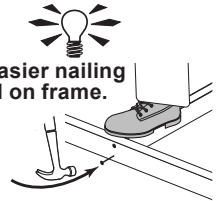
- x2 **STL**
2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)
- x2 **YFA**
2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
- x5 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)



BEGIN

- 1 Arrange parts on edge on floor. Measure and mark from end of boards.
Place the **Door Frame Unit** and **Window Frame Unit** at measurements shown.
Secure parts with (2) 3" nails at each connection and (4) 3" nails at seam.

HINT:
For easier nailing
stand on frame.

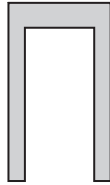


10' WALL 06

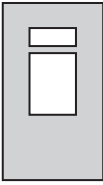
PARTS REQUIRED:

x2 
3/8 x 11-7/8 x 84"
(1 x 30,2 x 213,4 cm)

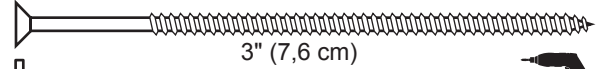
x1



x1

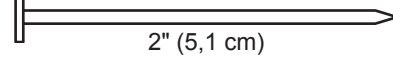


x2



3" (7,6 cm)

x209



2" (5,1 cm)

x1

OO Temporary Brace
69" (75,3 cm) Door Stiffener



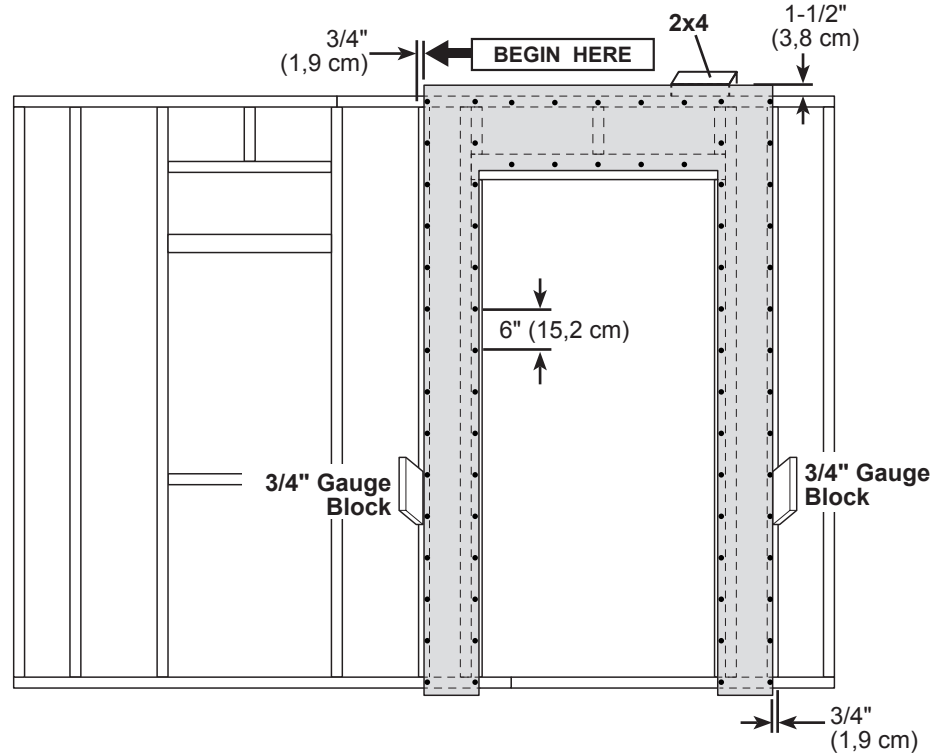
2

Install the door panel
1-1/2" from the top plate.
Secure panel with 2"
nails spaced 6" apart
on edges.

3

Install the window panel
flush to installed panel.
Ensure 32" (162,8 cm) door
measurement.
Use part **OO** as a
temporary brace. Secure
with (2) 3" screws.

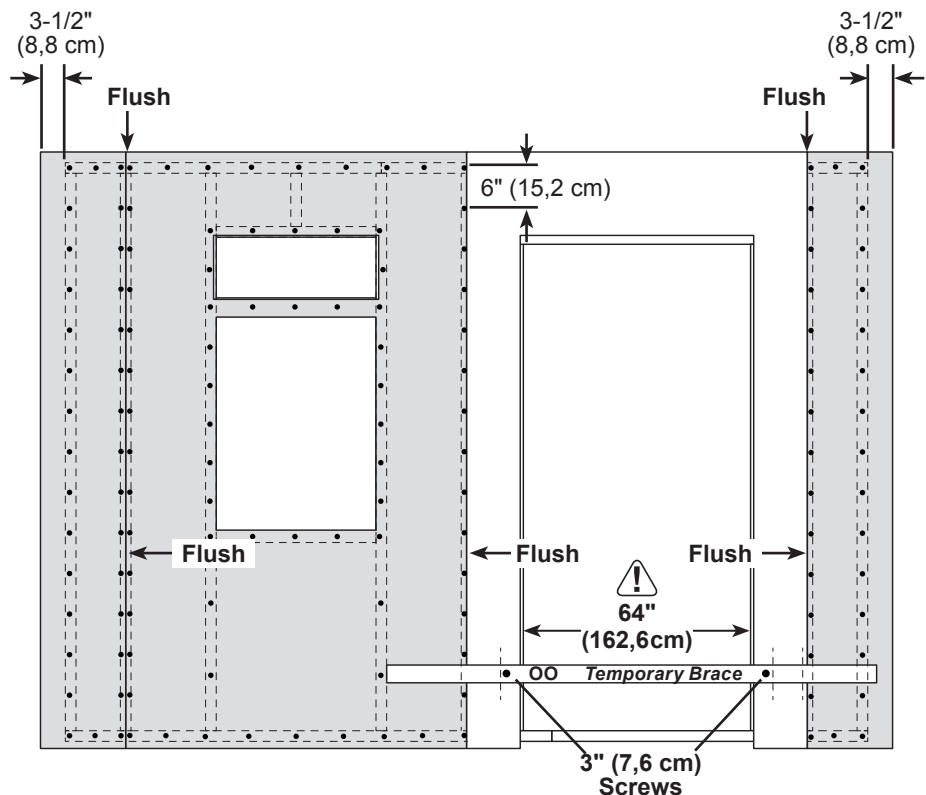
Secure panel with 2" nails
spaced 6" apart on edges.



4

Install (2) 11-7/8" x 84" panels
flush to the installed panels.

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



Your 12' wall 06 is now assembled.
Carefully flip the wall over.

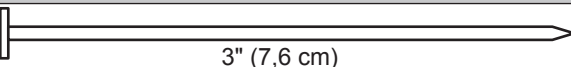
12' WALL 07

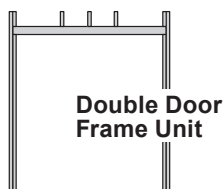
PARTS REQUIRED:

x2 **SP**
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x4 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x2 **TP**
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

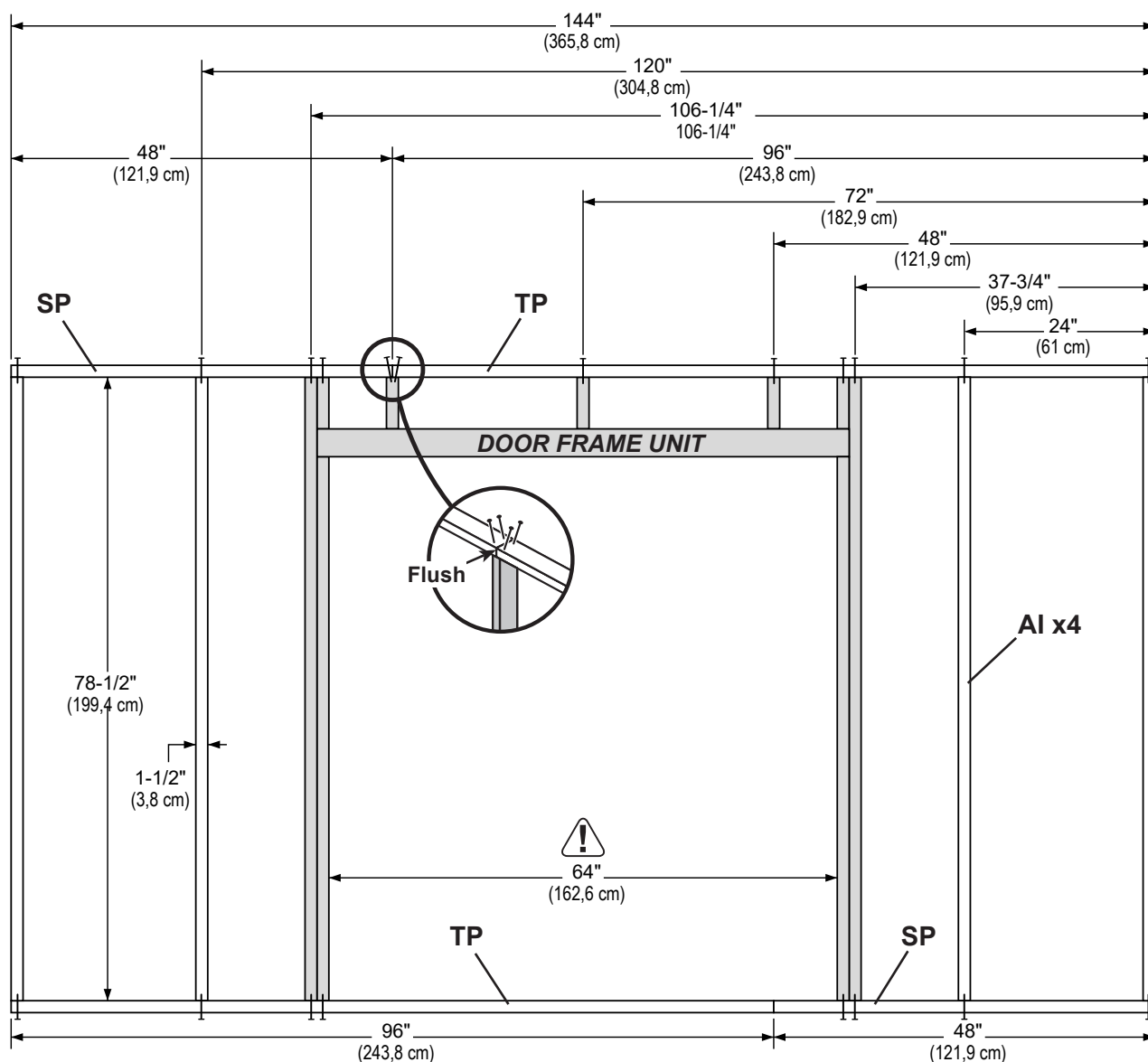
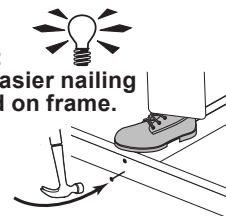
x40  3" (7,6 cm)



✓ BEGIN

- 1 Arrange parts on edge on floor. Measure and mark from end of boards.
Place the **Door Frame Unit** at measurements shown.
Secure parts with (2) 3" nails at each connection and (4) 3" nails at seam.

HINT:
For easier nailing
stand on frame.



12' WALL 07

PARTS REQUIRED:

x1	OO	Temporary Brace
69" (75,3 cm) Door Stiffener		

x2 (60,6 x 213,4 cm)

x162  2" (5,1 cm)

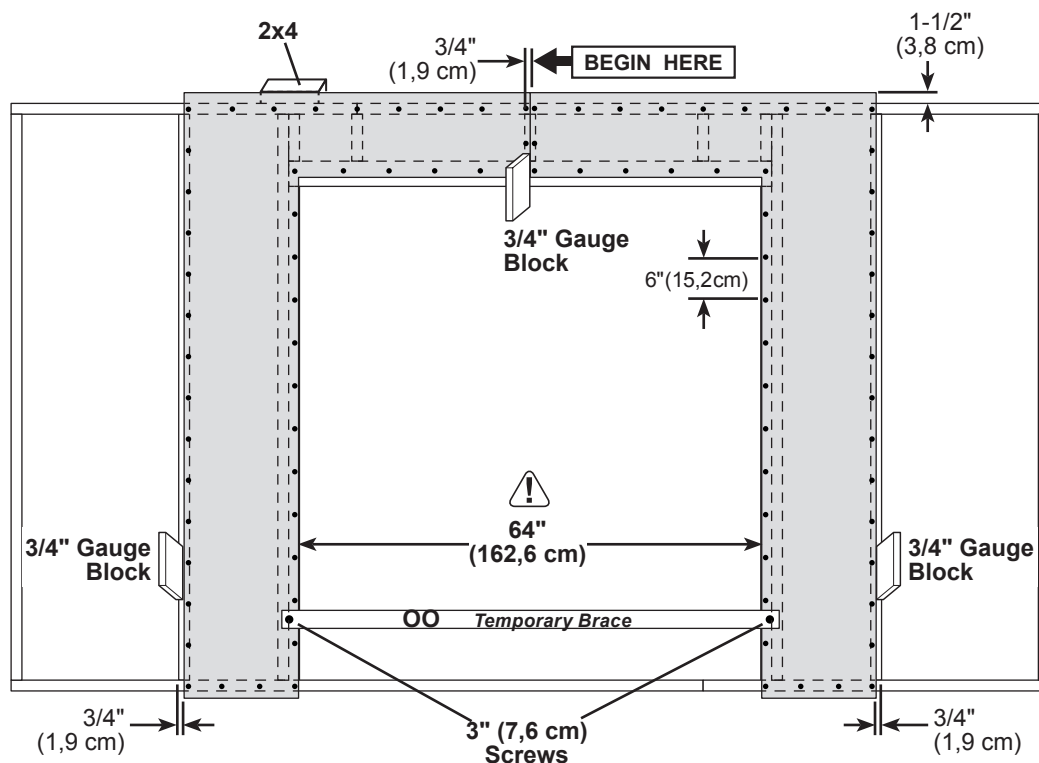


2

Install the right door panel
1-1/2" from the top plate.
Secure panel with 2" nails
spaced 6" apart on edges.

3

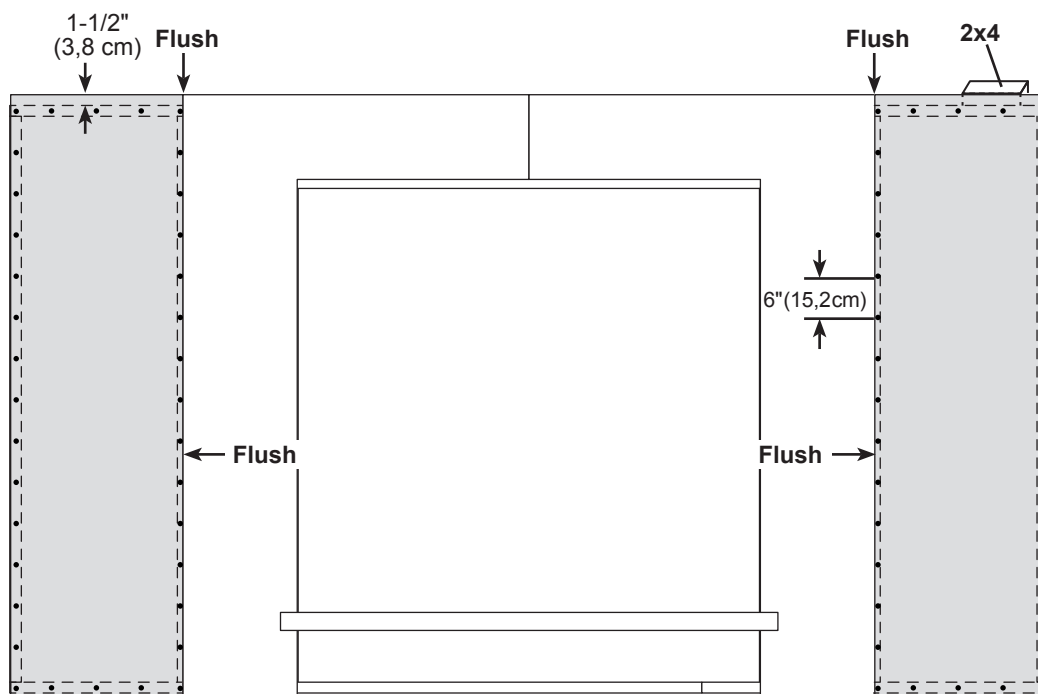
Install the left door panel flush to the installed panel. Use part **OO** as a temporary brace. Secure with (2) 3" screws. **Ensure 64" (162,8 cm) door measurement.** Secure panel with 2" nails spaced 6" apart on edges.



4

Install (2) **23-7/8" x 84"**
panels flush to the installed
panels.

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



Your 12' wall 07 is now assembled.
Carefully flip the wall over.

12' WALL 08

PARTS REQUIRED:

x2 **SP**
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x5 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x2 **TP**
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

x2



Window Frame Unit

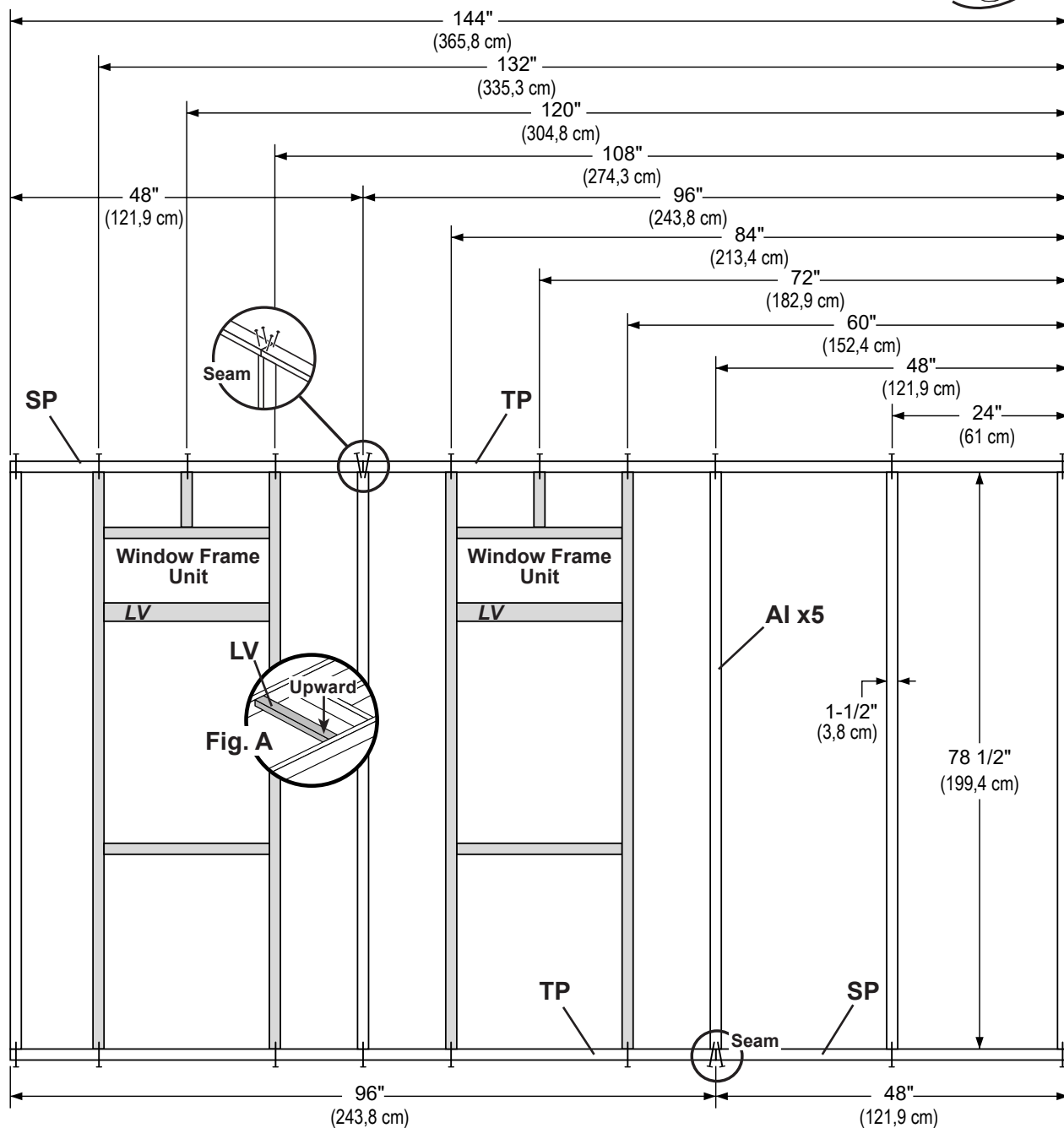
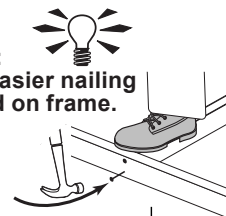
x44 3" (7,6 cm)



✓ BEGIN

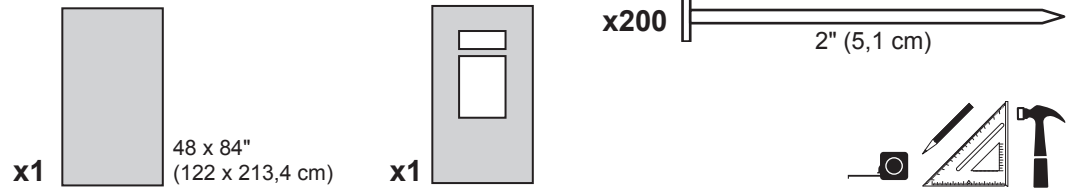
- 1 Arrange parts on edge on floor. Measure and mark from end of boards.
Place the (2) **Window Frame Units** at measurements shown.
Secure parts with (2) 3" nails at each connection and (4) 3" nails at seam.

HINT:
For easier nailing
stand on frame.



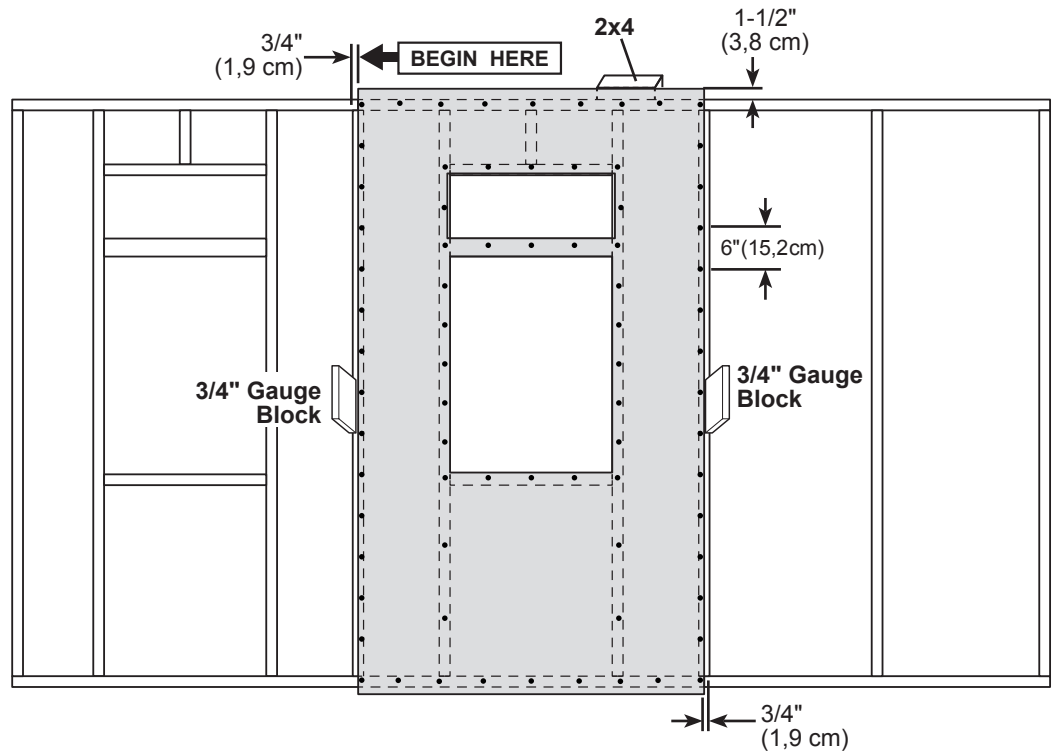
12' WALL 08

PARTS REQUIRED:



2

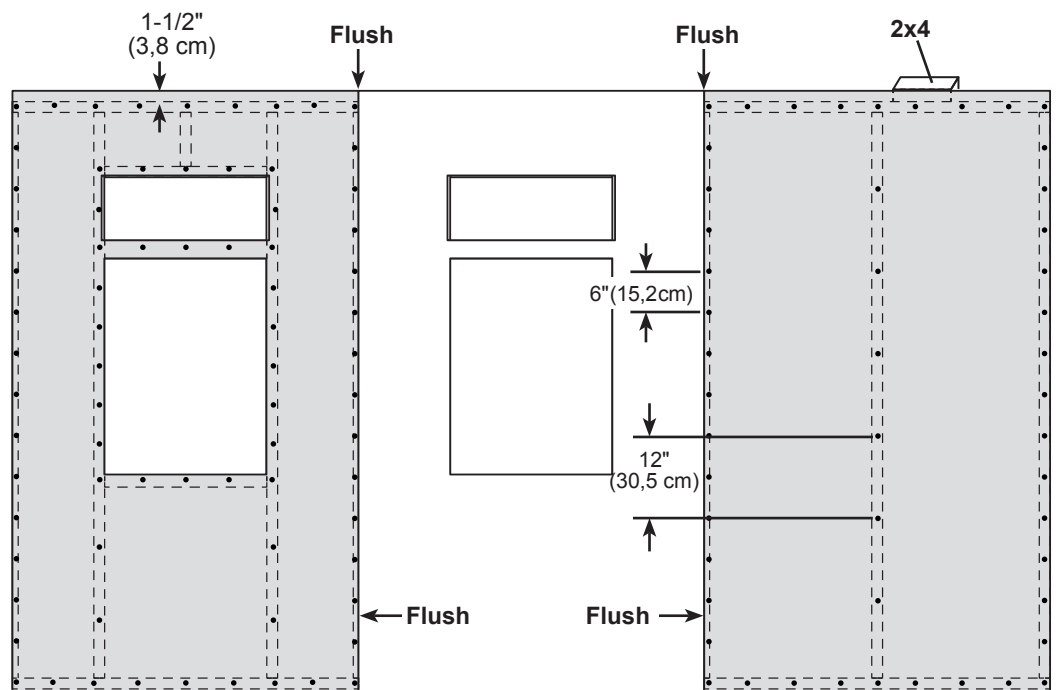
Install the middle window panel 1-1/2" from the top plate. Secure panel with 2" nails spaced 6" apart on edges.



3

Install next window panel and 48" x 84" panel flush to the installed panel.

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



Your 12' wall 08 is now assembled. Carefully flip the wall over.

12' WALL 01, 05 or 07 INSTALLATION

PARTS REQUIRED:

x1 **TP** *Temporary Brace*
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

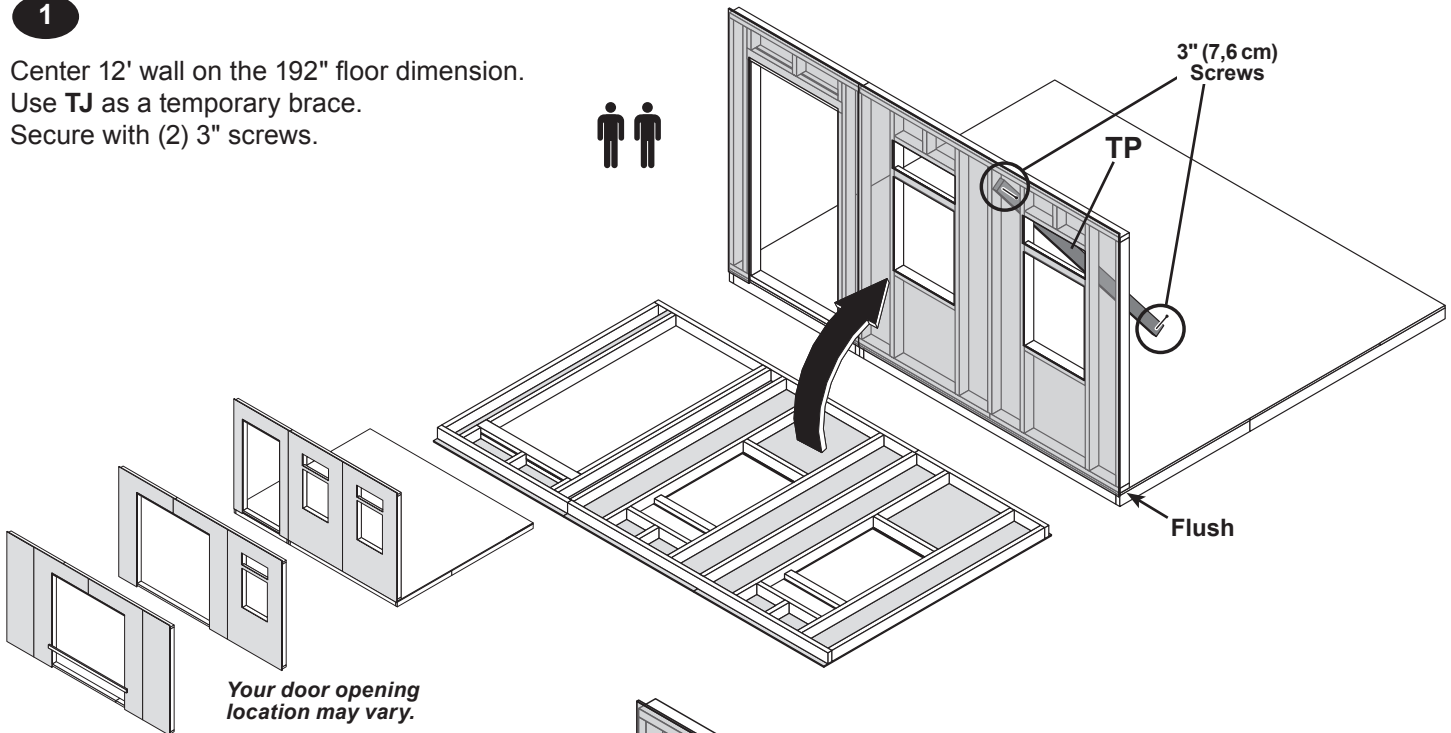


x14 3" (7,6 cm)
x2 3" (7,6 cm)
x24 2" (5,1 cm)

✓ **BEGIN**

1

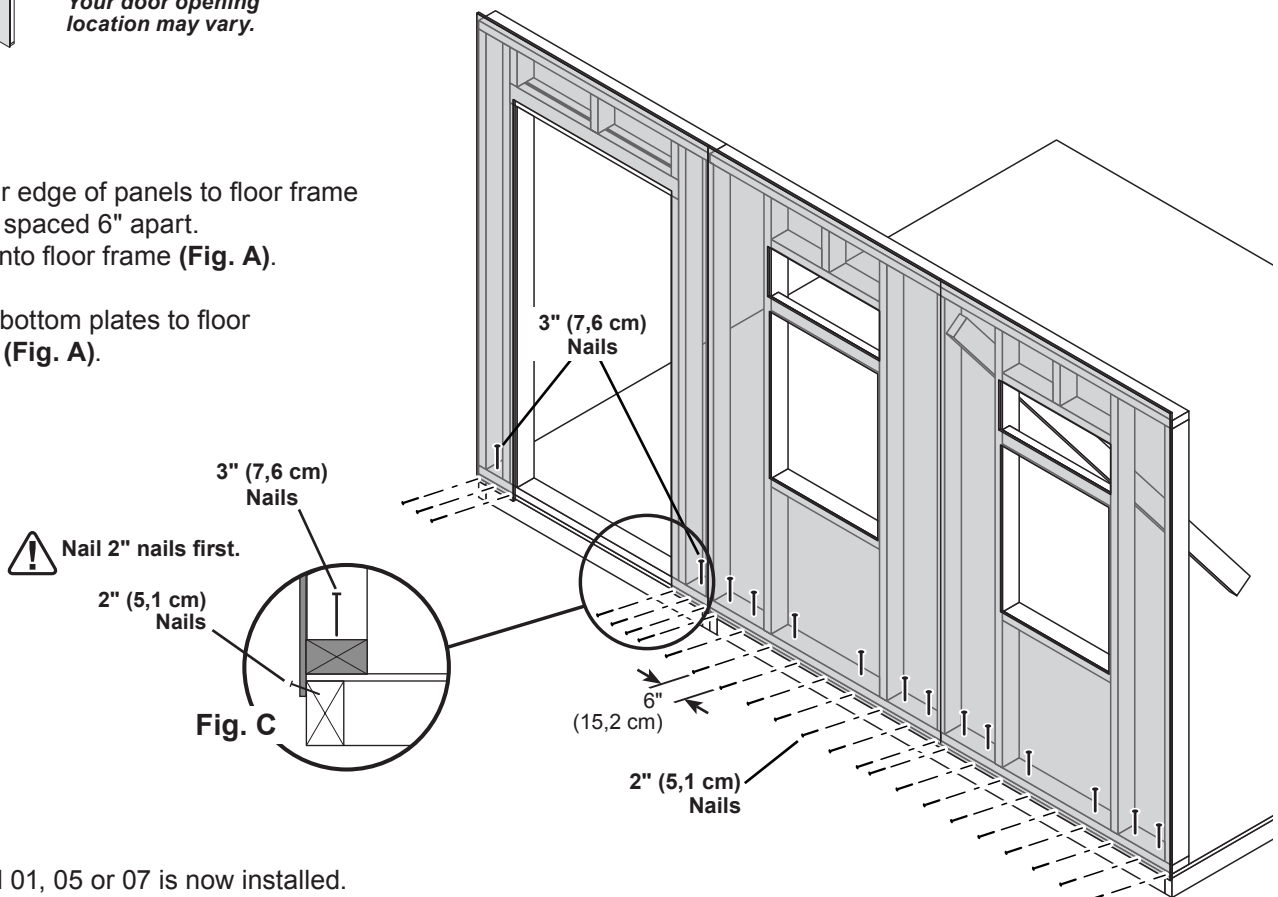
Center 12' wall on the 192" floor dimension.
Use **TJ** as a temporary brace.
Secure with (2) 3" screws.



2

Secure lower edge of panels to floor frame
with 2" nails spaced 6" apart.
Angle nails into floor frame (**Fig. A**).

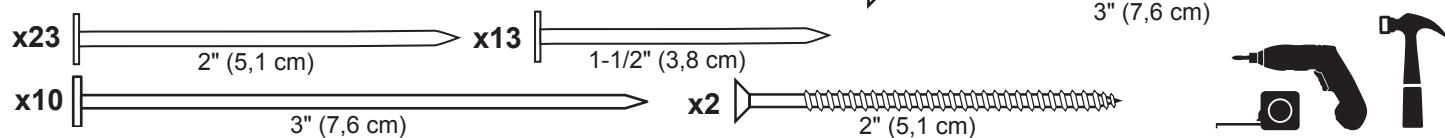
Secure wall bottom plates to floor
with 3" nails (**Fig. A**).



Your 12' wall 01, 05 or 07 is now installed.

10' WALL 02 INSTALLATION

PARTS REQUIRED:



✓ BEGIN

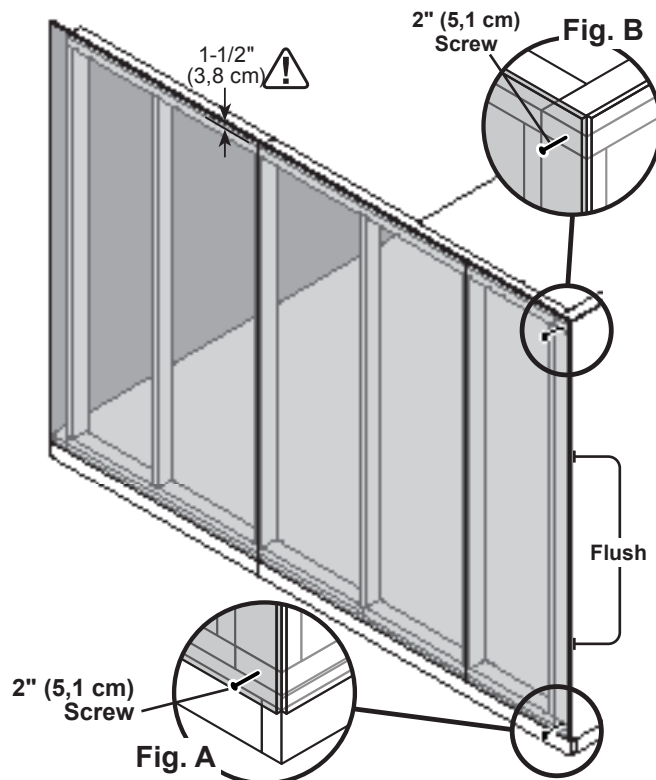
1

Place 10' wall centered on floor.
1-1/2" (3,8 cm) overlap is to the top.

Secure wall with (1) 2" screw into 12' wall bottom plate (**Fig. A**) and top plate (**Fig. B**).

Secure wall to bottom plate first.

⚠ ENSURE PANEL CORNERS ARE FLUSH.



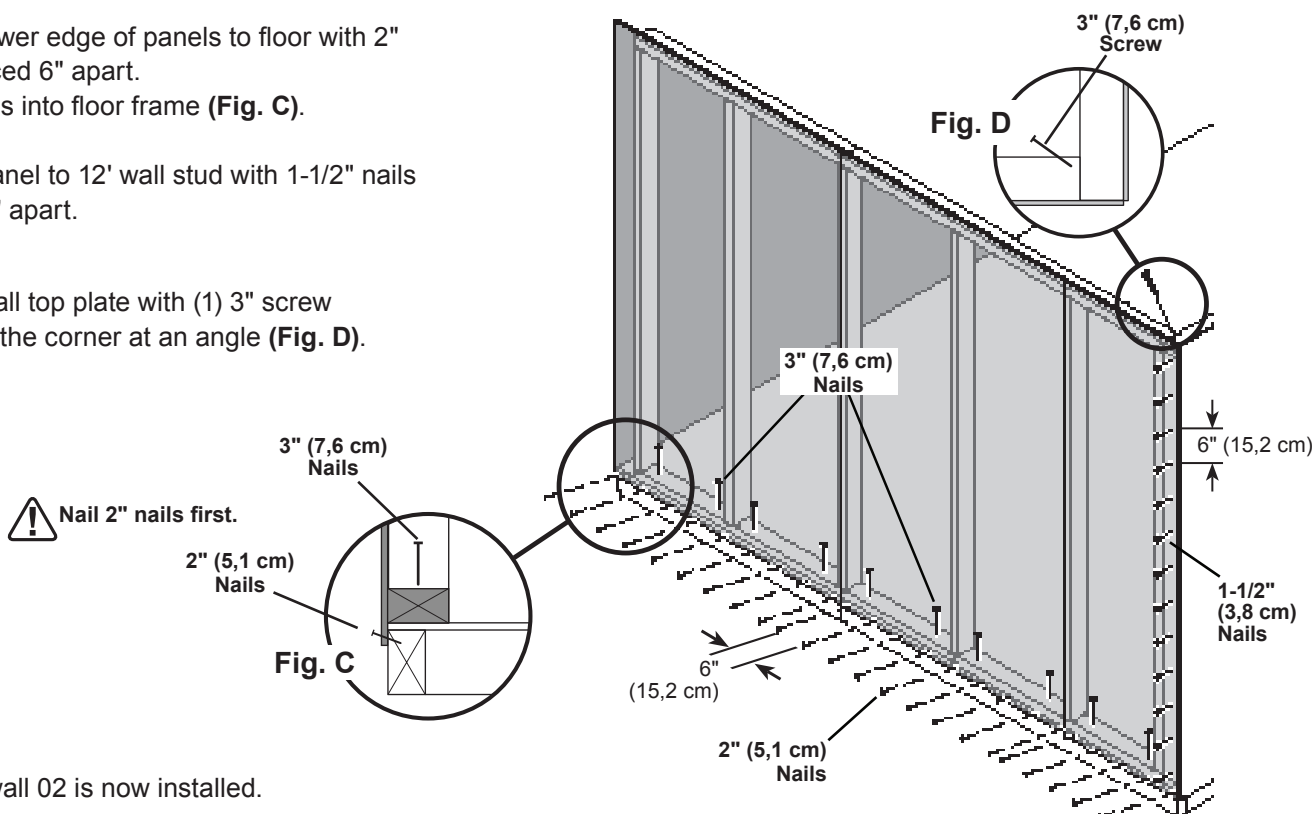
2

Secure lower edge of panels to floor with 2" nails spaced 6" apart.
Angle nails into floor frame (**Fig. C**).

Secure panel to 12' wall stud with 1-1/2" nails spaced 6" apart.

3

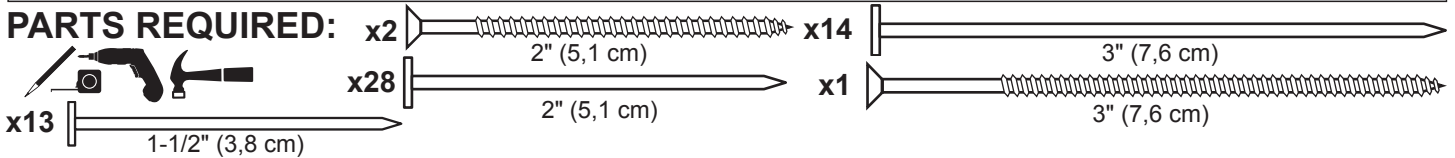
Secure wall top plate with (1) 3" screw angled at the corner at an angle (**Fig. D**).



Your 10' wall 02 is now installed.

12' WALL 03 or 08 INSTALLATION

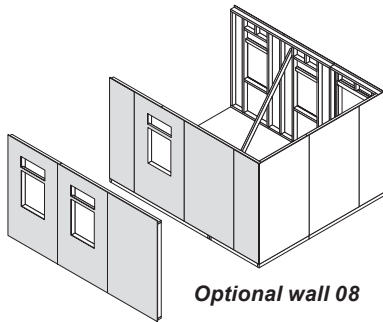
PARTS REQUIRED:



✓ BEGIN

1

Install 12' wall centered on floor.
Secure with (2) 3" screws.



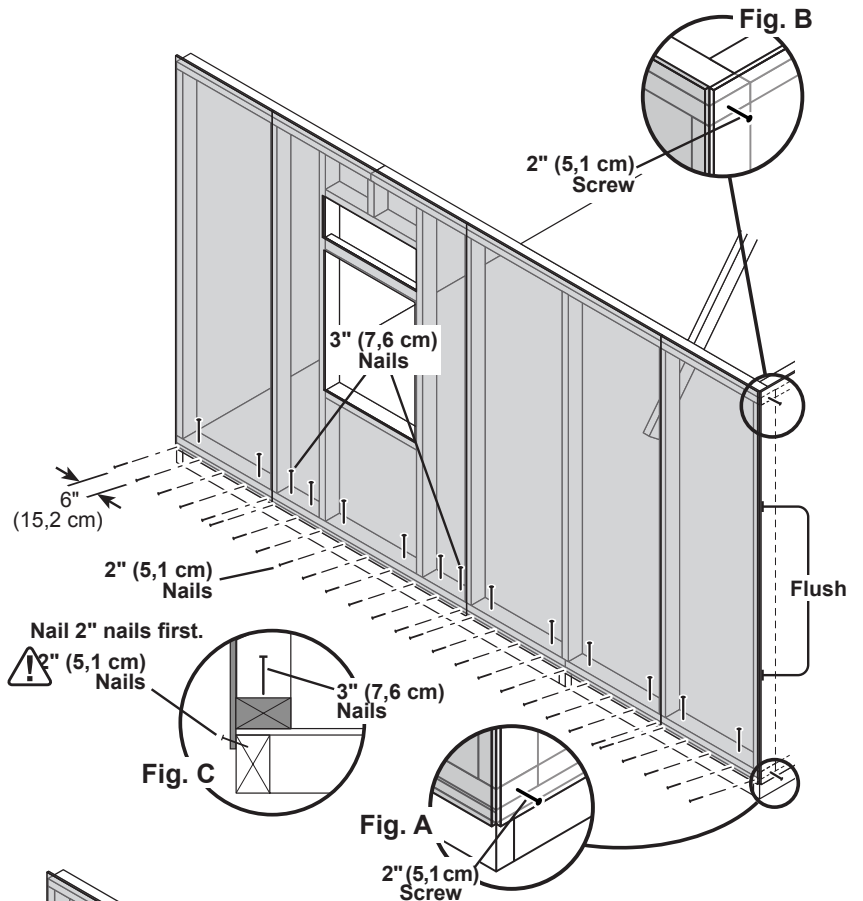
2

Secure wall with (1) 2" screw through gable wall panel into 12' wall bottom and top plates (**Fig. B, Fig. A**).
Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

3

Secure lower edge of wall panels to floor frame with 2" nails spaced 6" apart.
Angle nails into floor frame (**Fig. C**).
Secure wall bottom plates to floor with 3" nails (**Fig. C**).

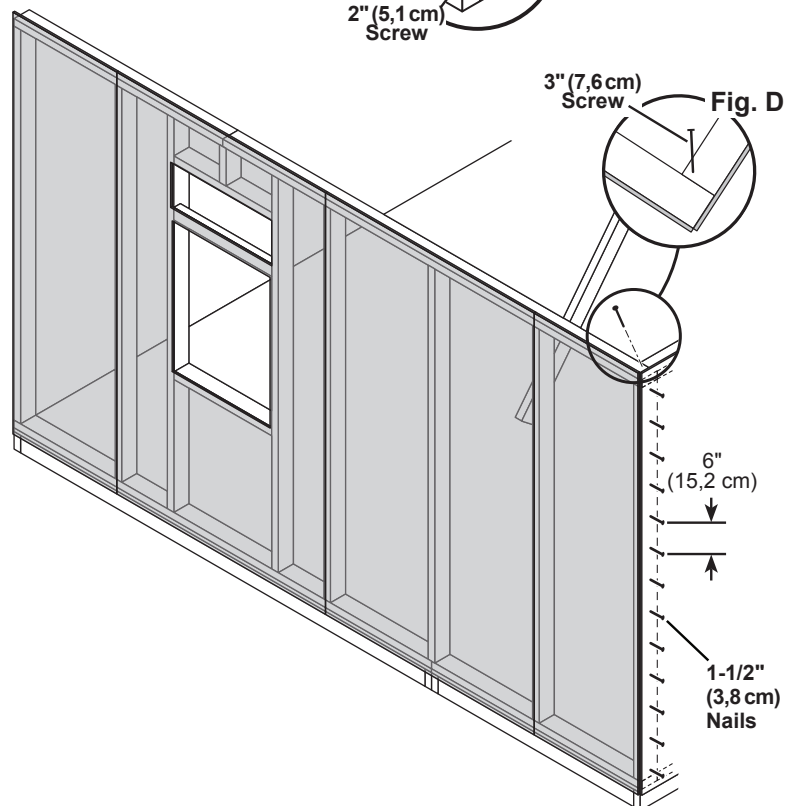


4

Secure 10' wall panel to 12' wall stud with 1-1/2" nails spaced 6" apart.

5

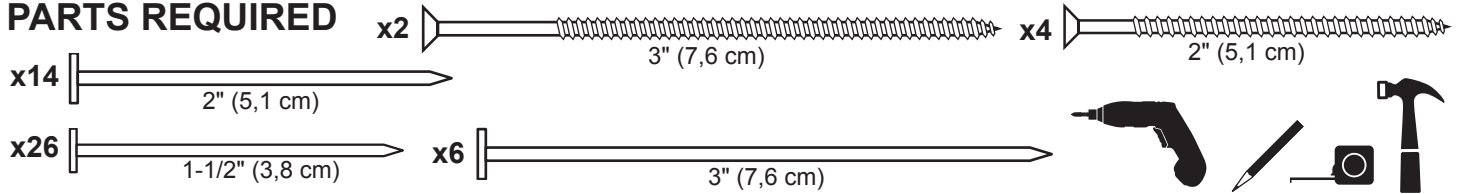
Secure gable wall top plate with (1) 3" screw at the corner at an angle (**Fig. D**).



Your 12' wall 03 or 08 is now installed.

10' WALL 04 or 06 INSTALLATION

PARTS REQUIRED



✓ BEGIN

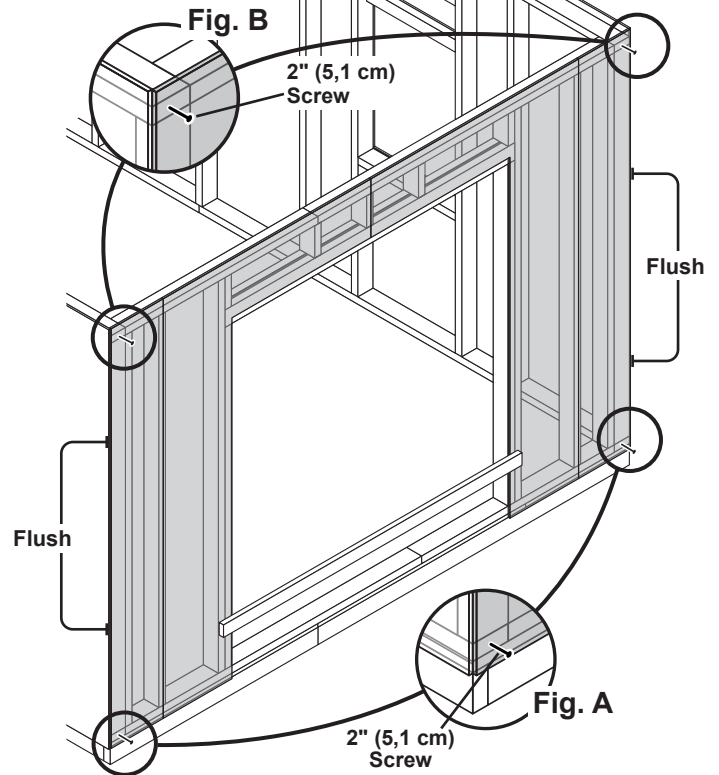
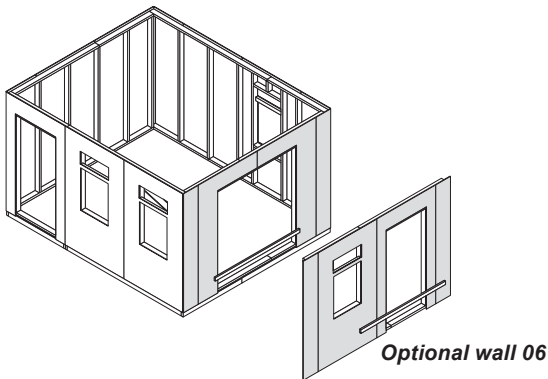
1

Place 10' gable wall on floor centered between 12' eave walls.

Secure wall with 2" screws into top and bottom plates (**Fig. A**, **Fig. B**).

Secure wall to bottom plate first.

⚠ ENSURE PANEL CORNERS ARE FLUSH. ⚠



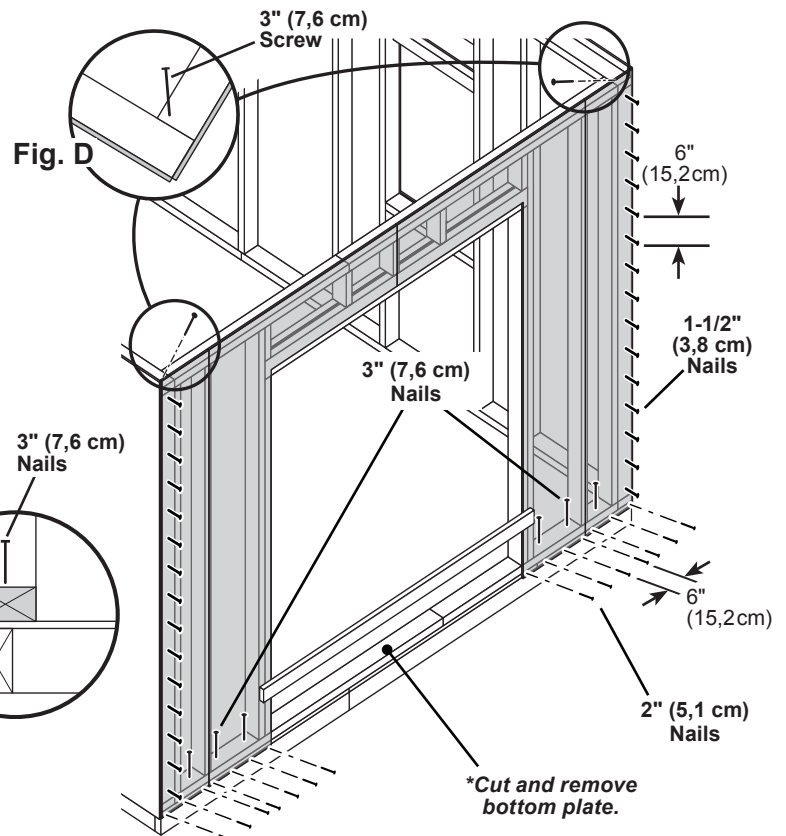
2

Secure lower edge of panels to floor with 2" nails spaced 6" apart. Angle nails into floor frame (**Fig. C**).

Nail panels to eave wall studs with 1-1/2" nails spaced 6" apart.

3

Secure wall top plates with 3" screws at each corner at an angle (**Fig. D**).



Your walls are now installed.

***CUT OUT AND REMOVE BOTTOM PLATE AT DOOR OPENING.**

WALL DOUBLERS INSTALLATION

PARTS REQUIRED:

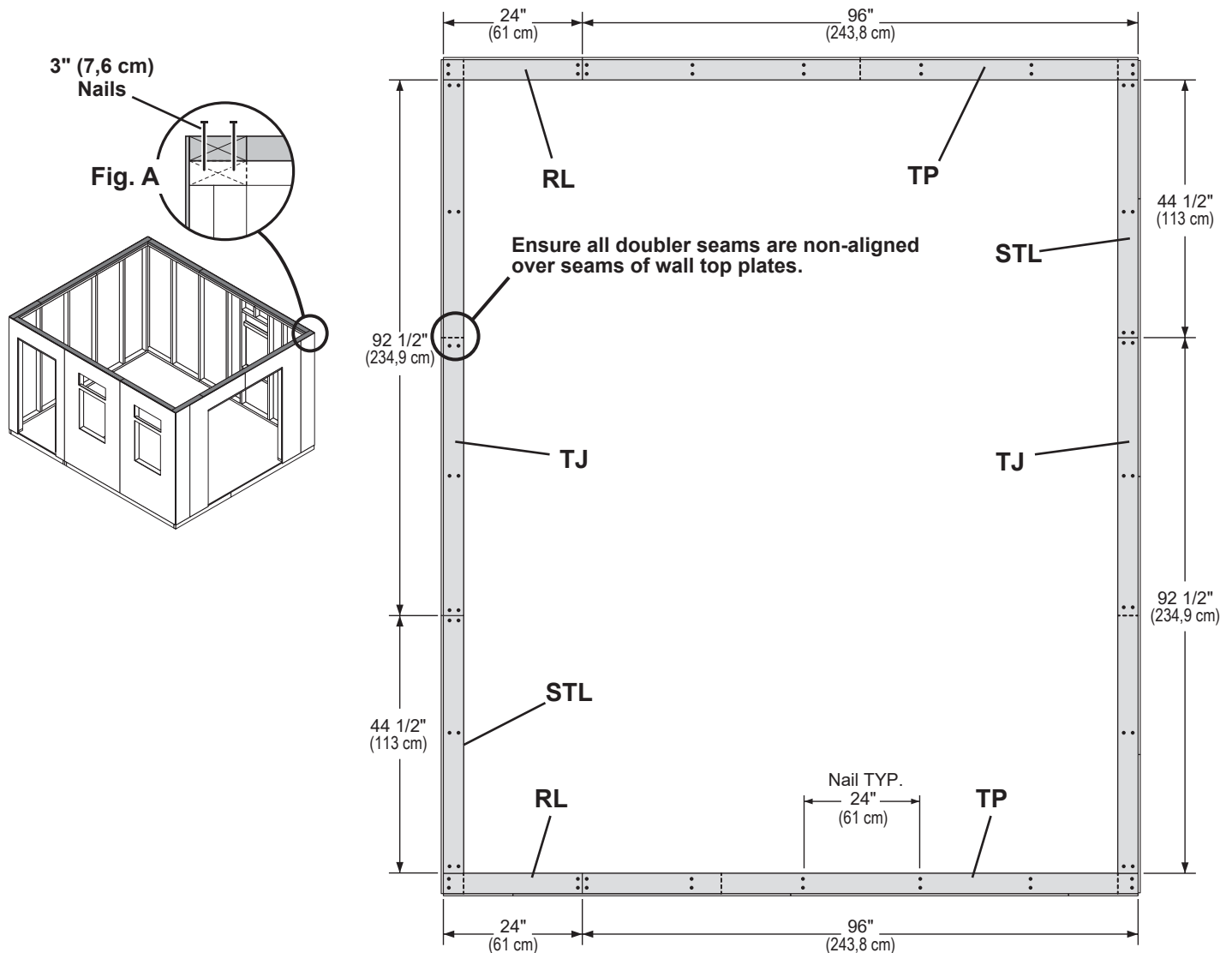
- x2 **STL**
2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)
- x2 **RL**
2 x 4 x 24" (5,1 x 10,2 x 61 cm)
- x2 **TJ**
2 x 4 x 92-1/2" (5,1 x 10,2 x 234,9 cm)
- x2 **TP**
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

x64 3" (7,6 cm)



✓ BEGIN

- 1 Arrange parts on top of wall frames. Secure from top with (2) 3" nails spaced every 24" (Fig. A).



FINISH

Your wall doublers are now installed.

Please continue to the included booklet

PART 2

to complete your shed.

PART 2

GABLE 10' x 12' (305 x 366 cm)

ACTUAL FLOOR SIZE IS 120 x 144" (304,8 x 365,8 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE



Standard Wall Layout



Door and Window Options



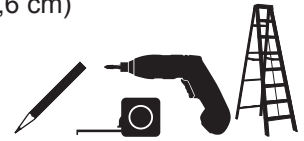
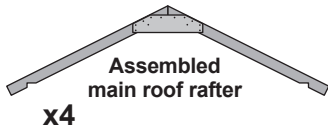
.... continued from PART 1

(Continued from PART 1, page 54.)

MAIN ROOF RAFTERS

PARTS REQUIRED:

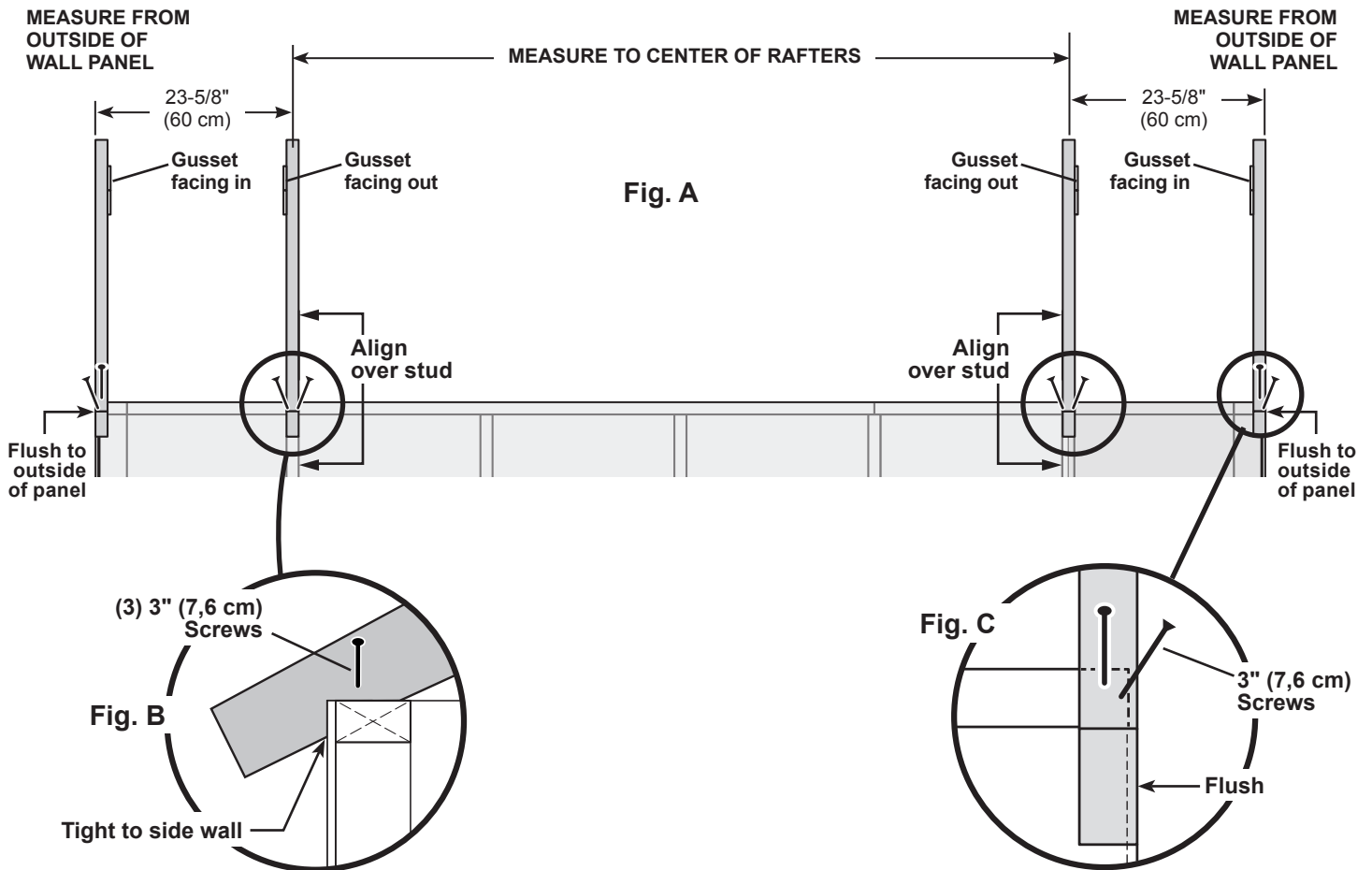
x16  3" (7,6 cm)



✓ BEGIN

- 1** Install (2) outer rafters with gusset facing in and flush to wall panel.
Ensure rafter notch is tight to gable wall (**Fig. B**).
Secure rafter with (2) 3" screws, as shown.
- 2** Install (2) inner rafters with gusset facing out, aligned over stud and at **23-5/8"** measurement from outside of wall panel to center of rafter (**Fig C**).
Ensure rafter notch is tight to gable wall.
Secure end rafters with (2) 3" screws as shown. NOTE: (**Fig. C**).

Repeat to secure opposite side of rafters.



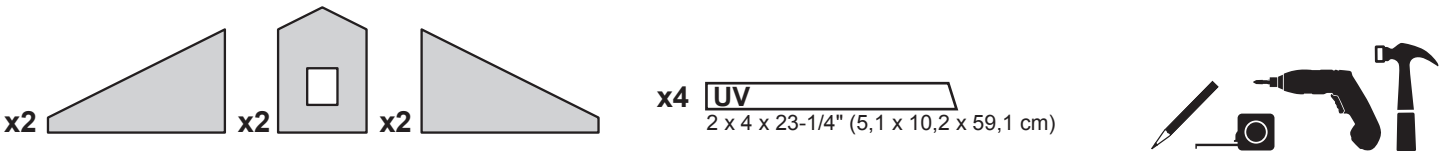
FINISH

Your main roof rafters are now installed.

GABLE UNITS	
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100	100

PARTS REQUIRED:

Part	Qty
1-1/2" (3,8 cm) x 40	1



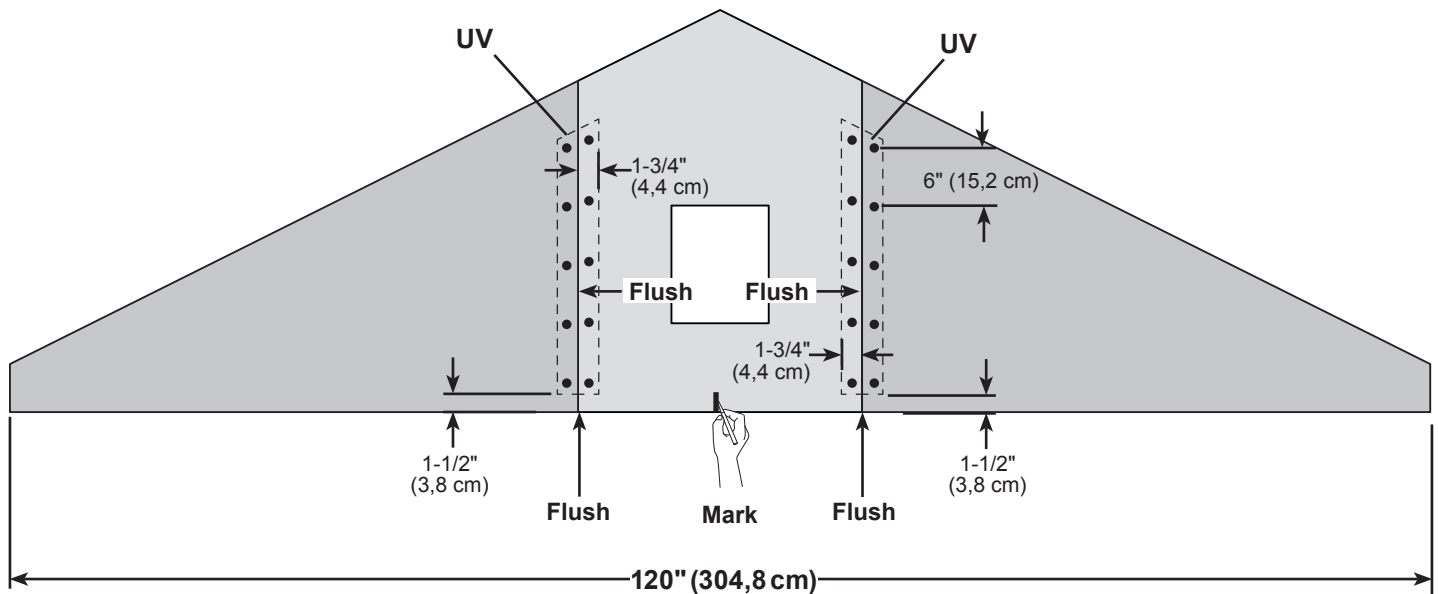
Install gable panels with the primed side facing up.

✓ BEGIN

- 1 Place middle panel on (2) **UV**. Arrange parts to measurements shown.
Secure panel with 1-1/2" nails spaced 6" apart along edge.
Check measurements as you build the gable unit.

- 2** Place left and right panels on **UV**, flush to middle panel.
Secure panel with 1-1/2" nails spaced 6" apart along edge.

Mark the center of the middle gable panel.



Repeat steps to assemble the 2nd gable unit.



✓ Your (2) gable units are now assembled.

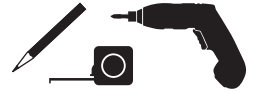
GABLE OVERHANG

PARTS REQUIRED:

x12 **GPC** 2 x 4 x 4-3/8" (5,1 x 10,2 x 11,1 cm)

x8 **ECA** 2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)

x56 3" (7,6 cm)



✓ BEGIN

- 1 Arrange parts as shown (**Fig. A**).
You will build (4) assemblies (**Fig. B**).

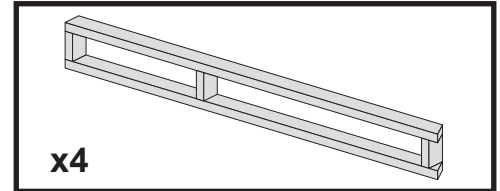
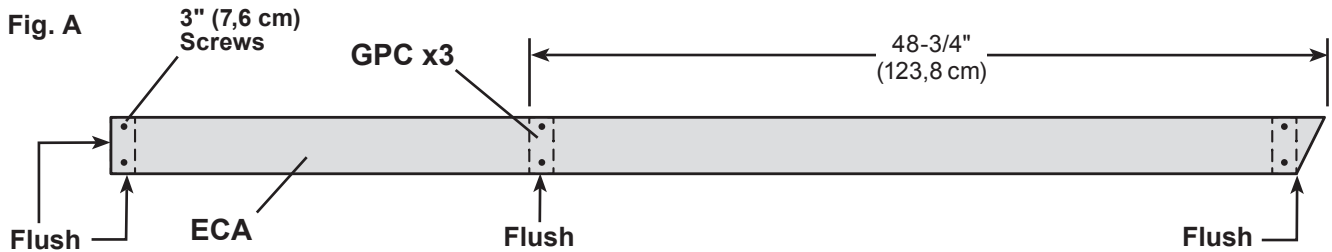
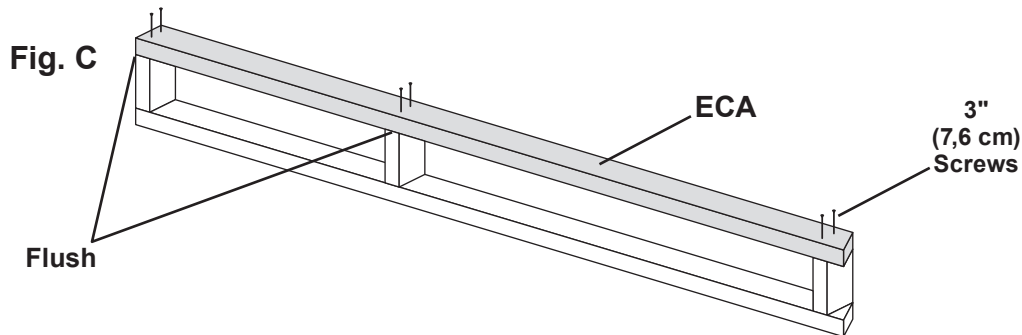


Fig. B

- 2 Arrange, measure and mark locations of (3) **GPC** as shown place **ECA** on top. Secure with 3" screws, as shown (**Fig. A**).
Ensure parts are flush along edges.

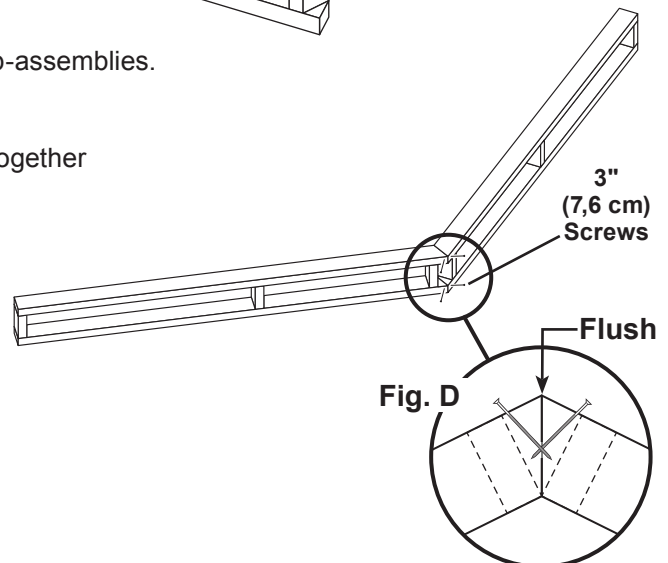


- 3 Flip over the gable ladder sub-assembly and secure **ECA** to the (3) **GPC** with 3" screws (**Fig. C**).



- 4 Repeat steps 2-3 to build (3) additional gable ladder sub-assemblies.

- 5 To complete gable ladder, secure two sub-assemblies together with (2) 3" screws, as shown (**Fig. D**).



Repeat steps to build the 2nd gable ladder frame.



FINISH

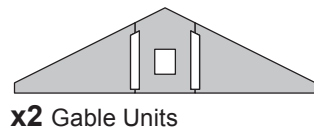
Your (2) gable ladders are now assembled.

GABLE UNITS

PARTS REQUIRED:

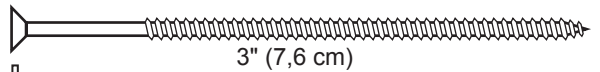
x4 

3/8 x 3-1/4 x 5-7/8" (1,0 x 8,3 x 14,9 cm)



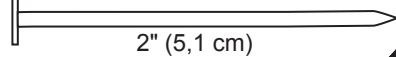
x2 Gable Units

x8



3" (7,6 cm)

x114



2" (5,1 cm)



BEGIN

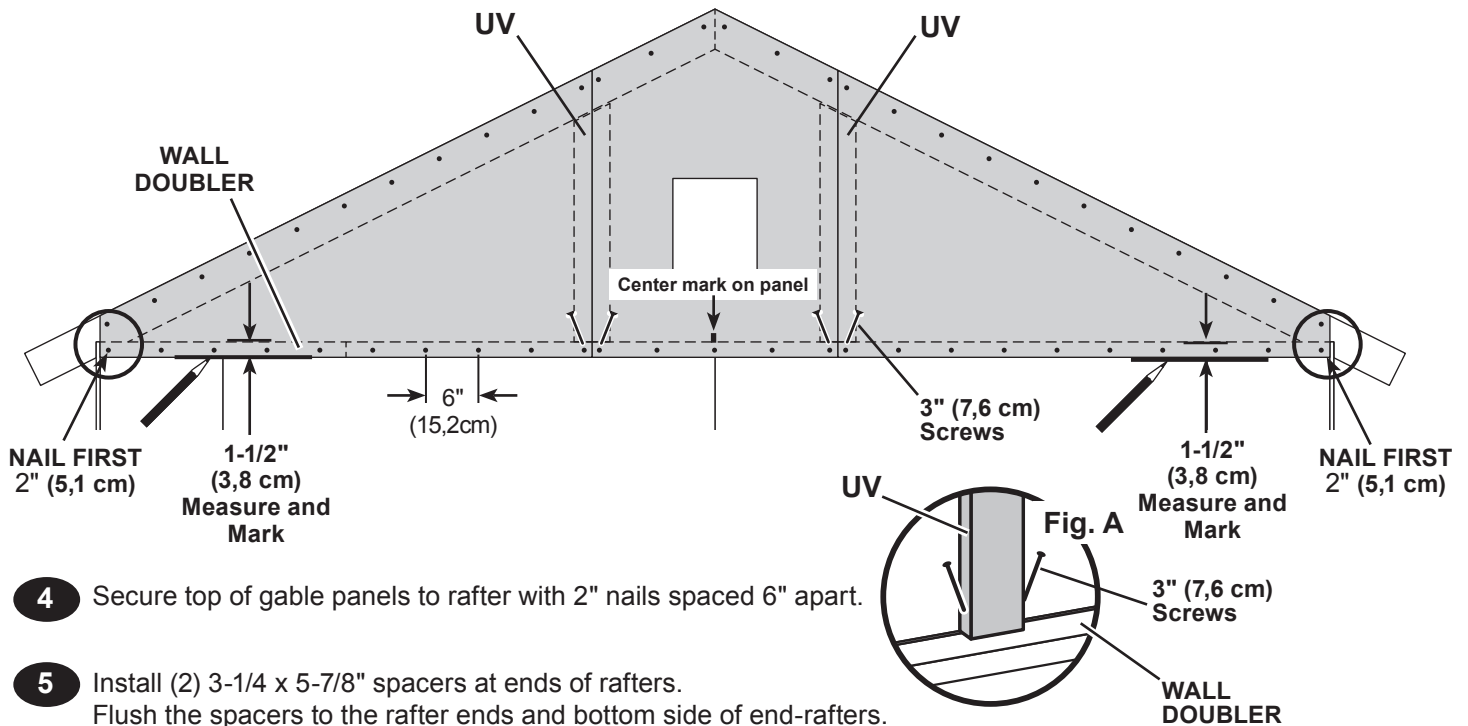
- 1 Measure 1-1/2" down from wall doubler and mark at each side.
Set gable unit on top plate. Fasten with (1) 2" nail on each side.

! CENTER GABLE UNIT ON WALL BEFORE NAILING.



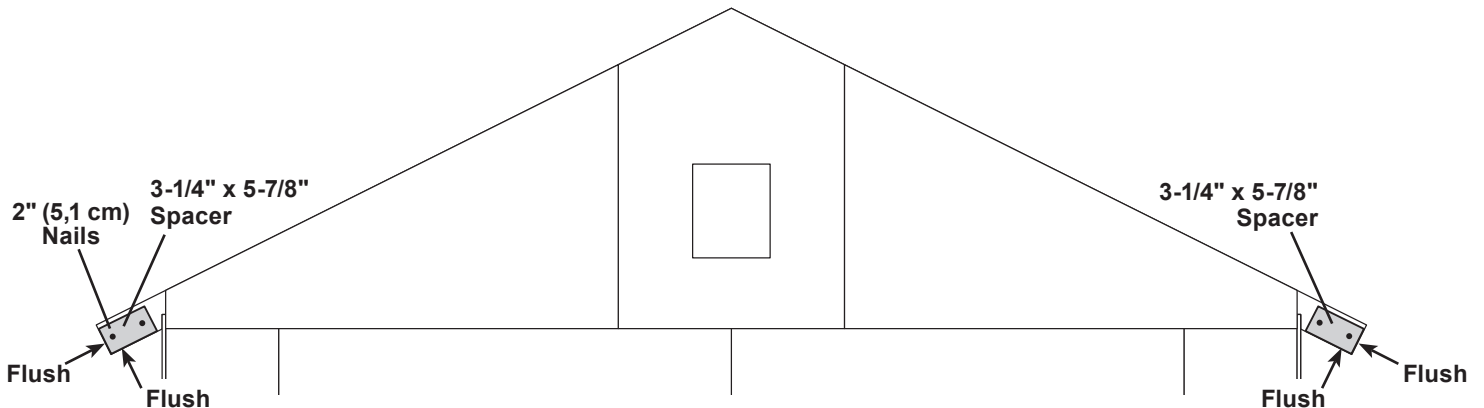
- 2 Continue nailing lower edge of panels to wall doubler with 2" nails spaced 6" apart.

- 3 Working inside, secure gable unit with (2) 3" screws angled into supports **UV** at an angle (**Fig. A**).



- 4 Secure top of gable panels to rafter with 2" nails spaced 6" apart.

- 5 Install (2) 3-1/4 x 5-7/8" spacers at ends of rafters.
Flush the spacers to the rafter ends and bottom side of end-rafters.
Secure each with (2) 2" nails.



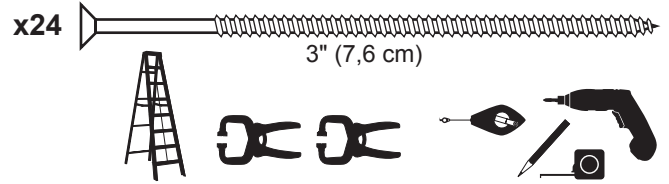
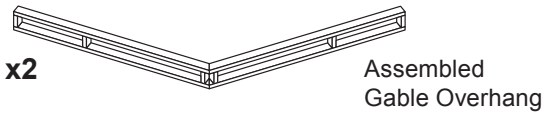
Repeat steps to install the 2nd gable unit.



Your gable units are now installed.

GABLE OVERHANG

PARTS REQUIRED:

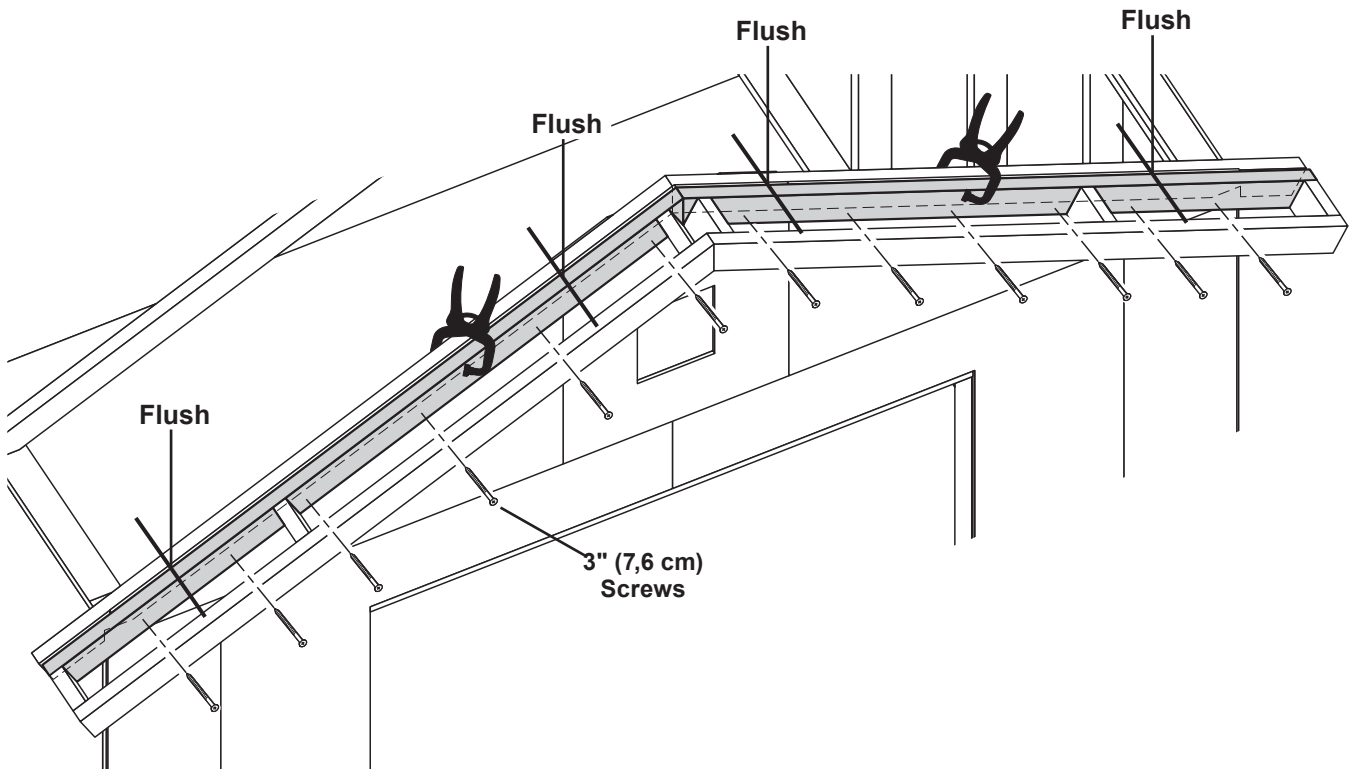


We recommend having an assistant during the installation of the gable overhang frame.



✓ BEGIN

- 1 Lift the gable overhang into position, flush along gable panel edges.
Clamp overhang in place.



- 2 Secure overhang to rafter with 3" screws spaced evenly.

Repeat steps to install the 2nd gable overhang ladder.



Your (2) assembled gable overhang units are now installed.

DORMER WALL

PARTS REQUIRED:

x8 **CWG**
2 x 4 x 13-3/16" (5,1 x 10,2 x 33,5 cm)

x3 **AO**
2 x 4 x 22-1/2"
(5,1 x 10,2 x 57,1 cm)

x66 3" (7,6 cm)

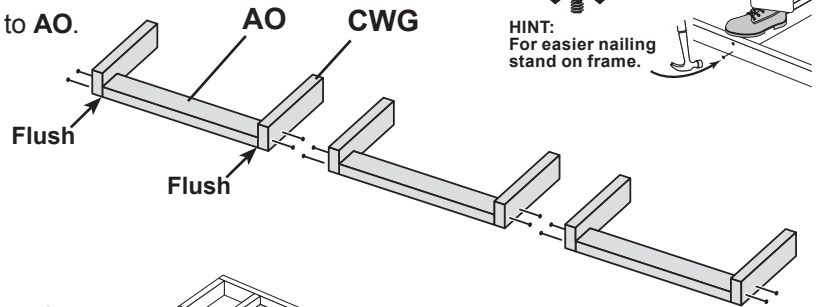
x3 **IDD**
2 x 4 x 95-1/4" (5,1 x 10,2 x 241,9 cm)



BEGIN

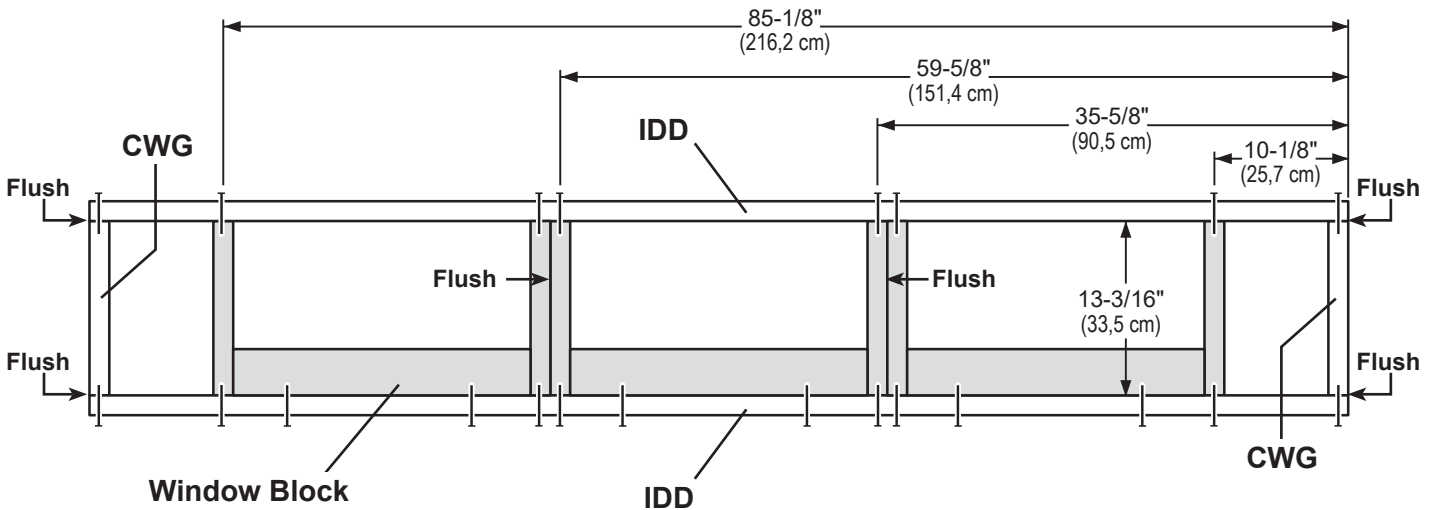
- 1 Arrange parts on floor, as shown. Flush **CWG** to **AO**. Secure with (2) 3" nails at each mark.

Build two additional window block assemblies.

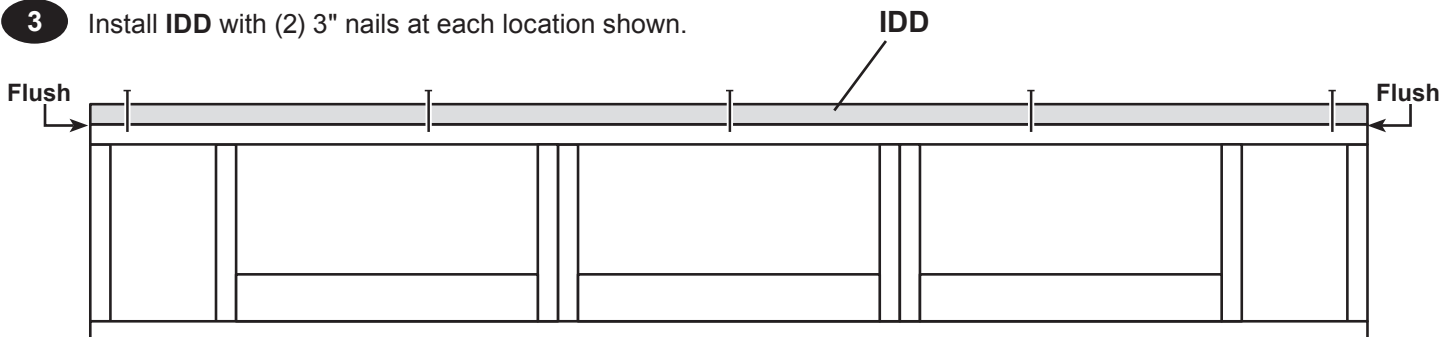


- 3 Arrange parts on edge on floor. Measure and mark. Position (3) window block assemblies at measurements and in the orientation shown (**Fig.A**). Secure parts and window blocks with (2) 3" nails at each mark, and as shown.

Fig. A



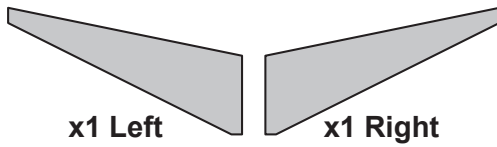
- 3 Install **IDD** with (2) 3" nails at each location shown.



Your dormer wall is now assembled.

DORMER

PARTS REQUIRED:

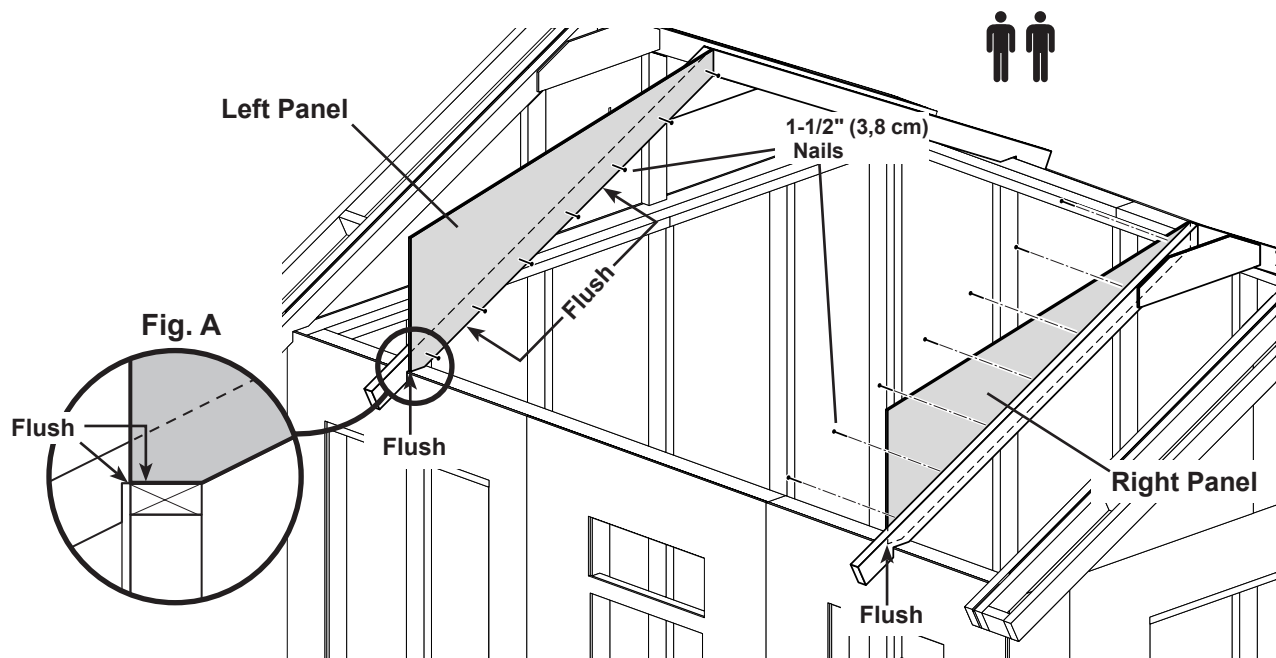


x14  1-1/2" (3,8 cm)



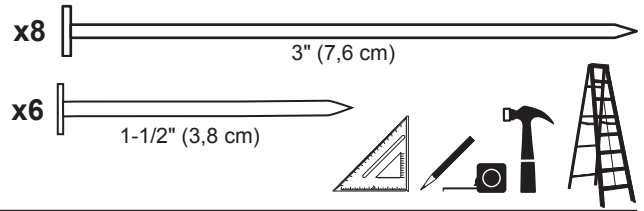
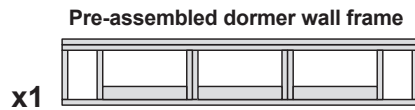
✓ **BEGIN**

- 1 Install dormer panels primed side out, resting on top plate and flush along bottom of rafter edge. Secure with 1-1/2" nails spaced evenly, as shown.

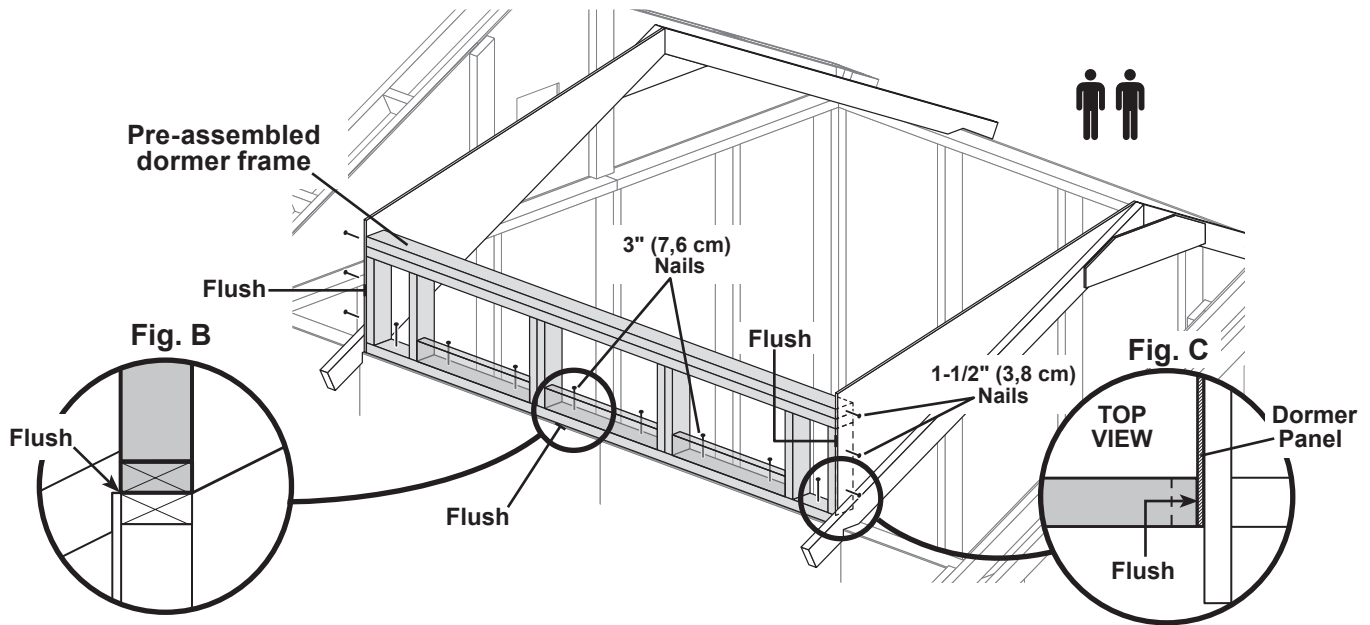


DORMER

PARTS REQUIRED:



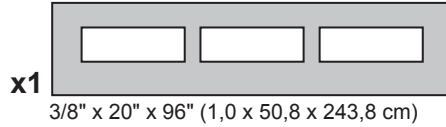
- 2 Install assembled dormer frame flush with front top plate (**Fig. B**) and resting on wall. Ensure dormer wall frame is flush to front edges of installed dormer panels (**Fig. C**). Secure with 3" nails into top plate and 1-1/2" nails at side panels, as shown.



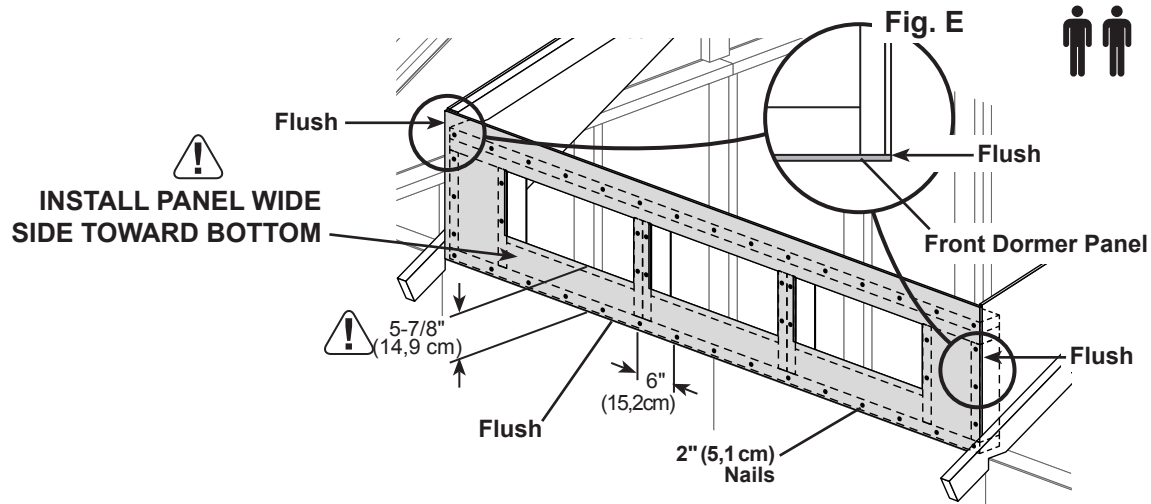
DORMER

PARTS REQUIRED:

x52  2" (5,1 cm)

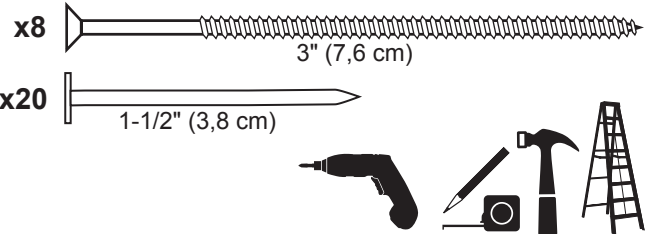
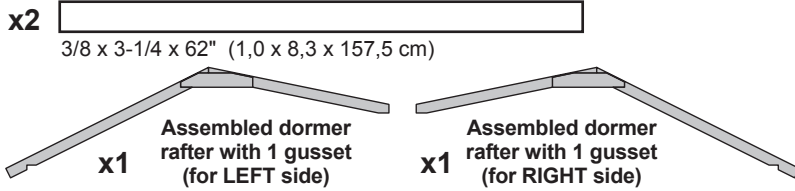


- 3 Place **20" x 96"** dormer panel primed side out and flush on top of wall panels.
Ensure front dormer panel is flush with side panels along edge (**Fig E**).
Secure front dormer panel with 2" nails spaced 6" apart along edge.

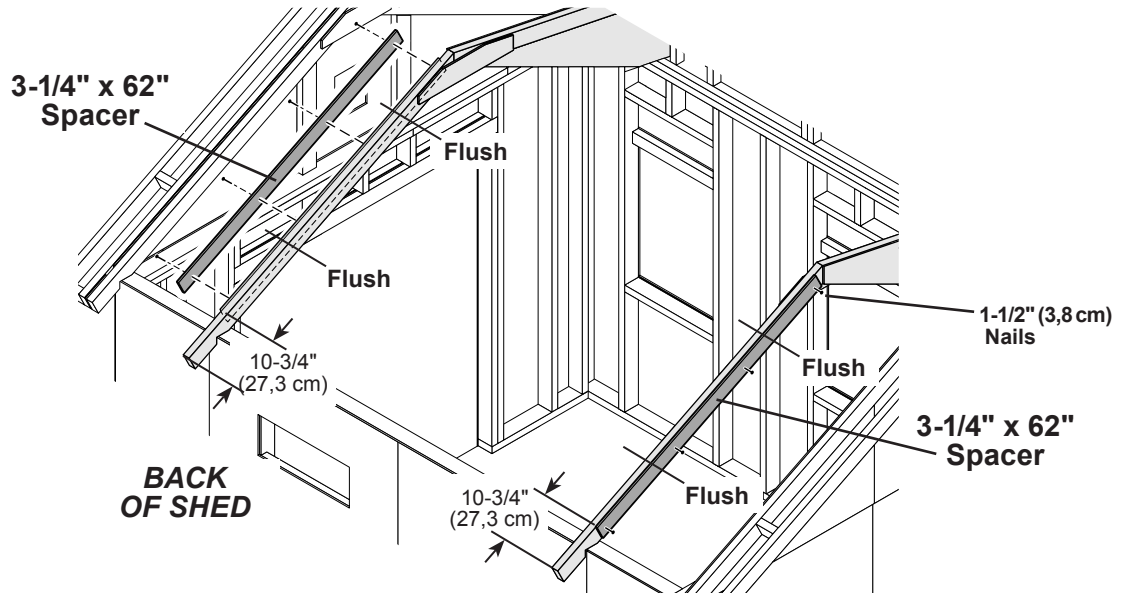


DORMER

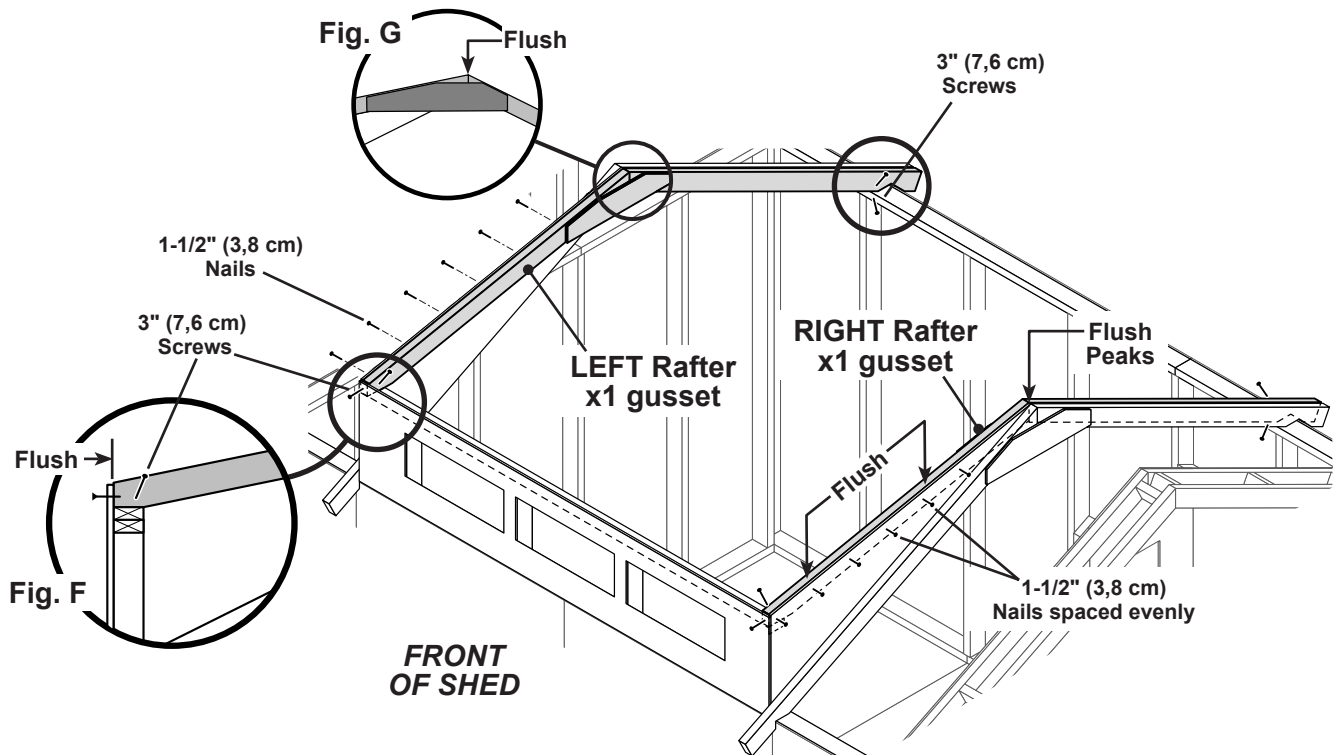
PARTS REQUIRED:



- 4 Install (2) 3-1/4" x 62" rafter spacers flush along top of dormer rafters and 10-3/4" from rafter end. Secure spacers with 1-1/2" nails spaced evenly.



- 5 Install left and right assembled rafters (gusset facing in) resting on top of dormer frame and back wall top plate. Ensure dormer rafter is flush along edge of panel and flush at peak of installed rafter (Fig. F, Fig. G). Secure rafter with 3" screws in top plate and 1-1/2" nails spaced evenly through dormer side panels.

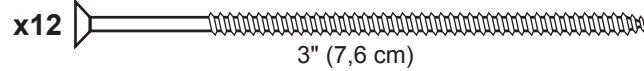


DORMER

PARTS REQUIRED:



x3



- 6** Install (2) outer rafters on dormer frame and back wall top plate.

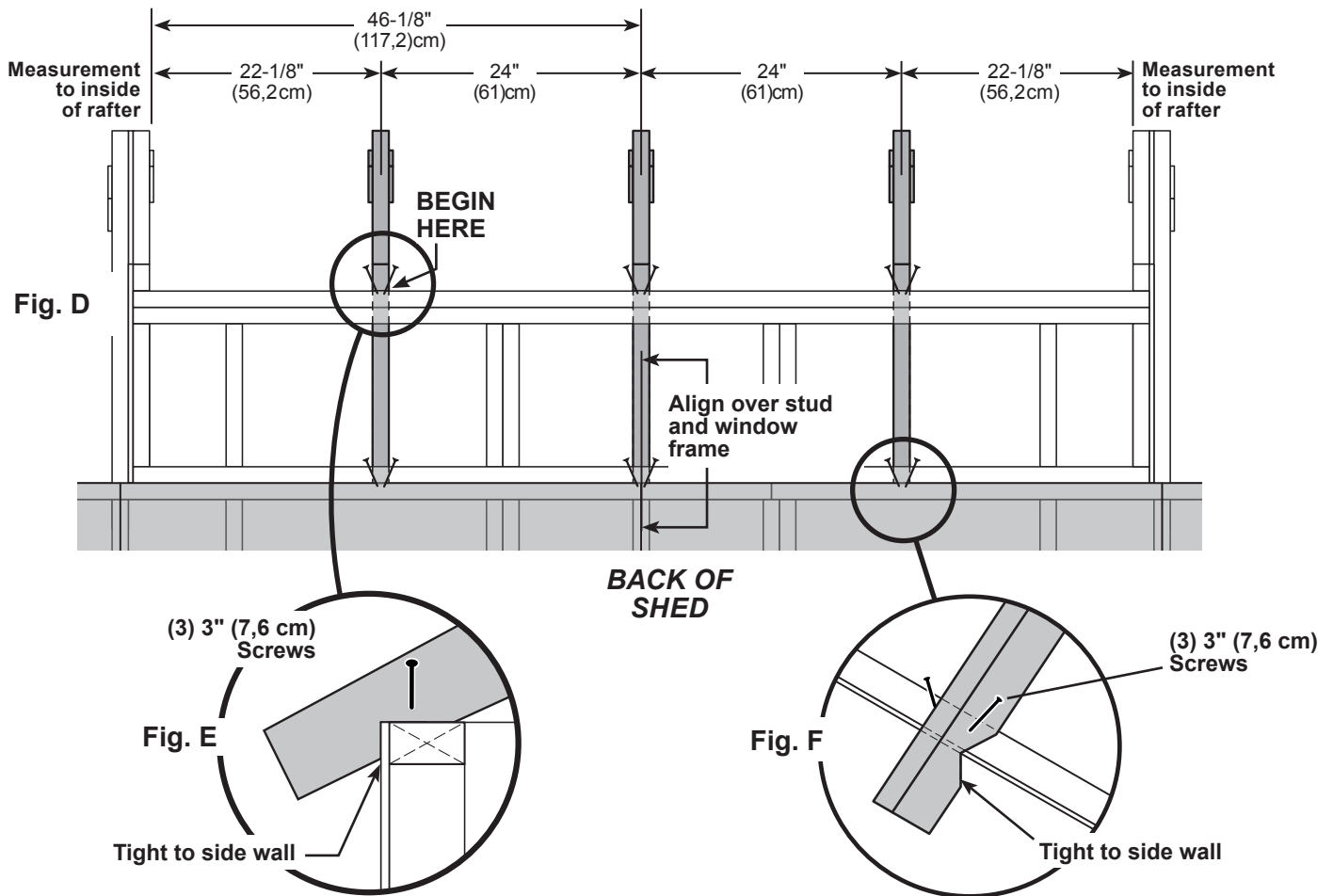
Align rafters at 22-1/8" (56,2 cm) measurement from inside of rafter (**Fig. D**).

Secure rafters to dormer frame and back wall top plate with (2) 3" screws above notch (**Fig. E, Fig. F**).

- 7** Install middle rafter on dormer frame and back wall top plate (**Fig. D, Fig. G**).

Align rafter over back wall stud and at 46-1/8" (117,2 cm) measurement from inside of rafter (**Fig. D**).

Secure rafter to dormer frame and back wall top plate with (2) 3" screws above notch (**Fig. E, Fig. F**).



Your dormer rafters are now installed.

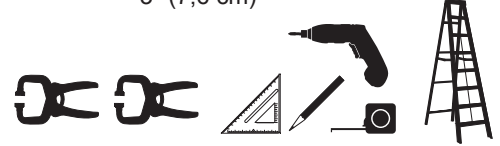
DORMER SOFFIT UNIT

PARTS REQUIRED:

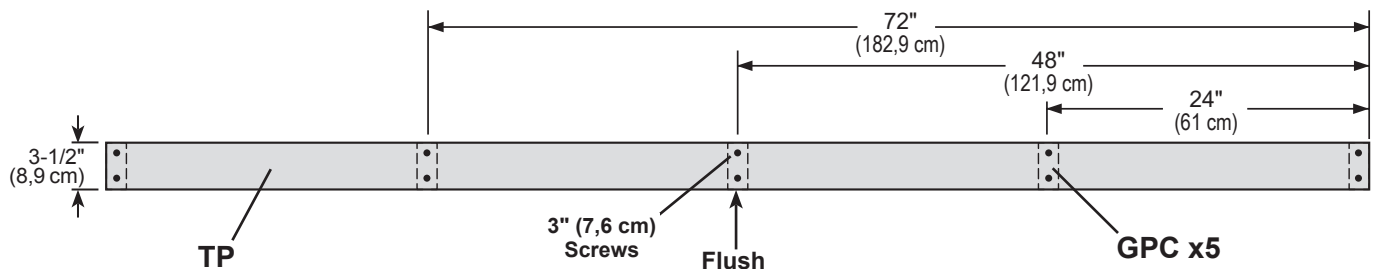
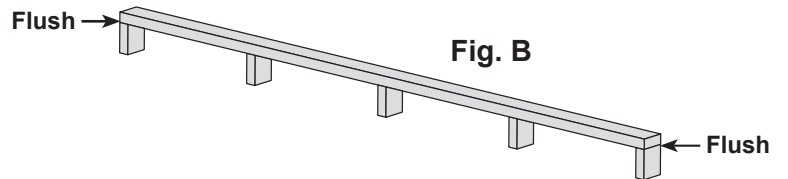
x5 **GPC**
2 x 4 x 4-3/8"
(5,1 x 10,2 x 11,1 cm)

x18  3" (7,6 cm)

x1 **TP**
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

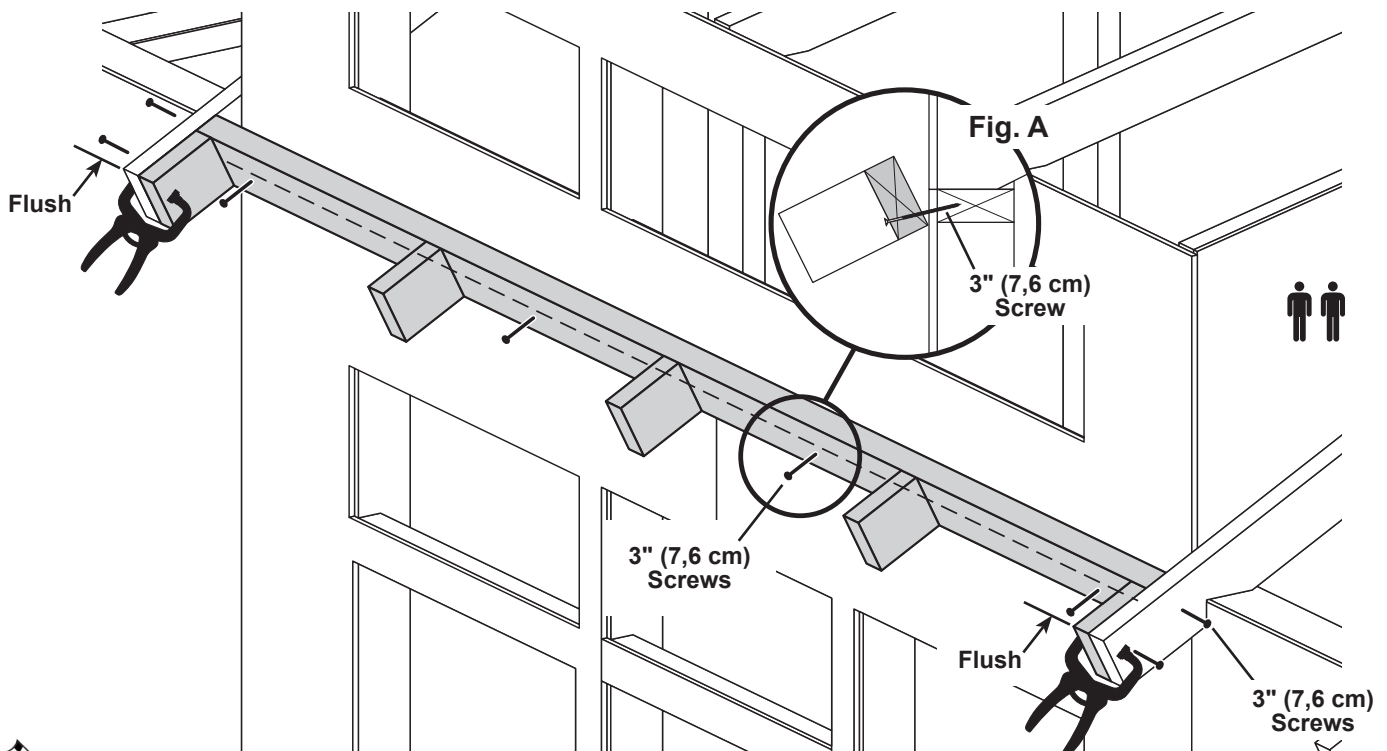


- 8 Place (5) soffit block parts **GPC** and (1) **TP** on floor (**Fig. B**). Measure and mark. Secure with (2) 3" screws in each **GPC**.



- 9 Install assembled soffit unit between rafter ends, as shown. Ensure soffit unit is flush with rafter ends. Secure with 3" screws in the ends of **TP** and soffit blocks **GPC**. Secure **TP** with (4) screws evenly spaced and angled into wall top plate, as shown below (**Fig. A**).

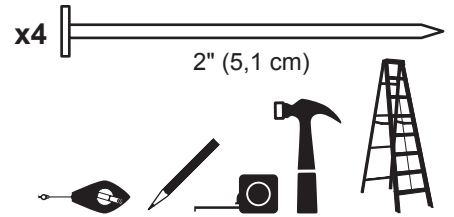
• **HINT:** Use a clamp at each side to hold soffit frame flush and square with rafters during installation.



Your soffit unit is installed.

ROOF PANELS

PARTS REQUIRED:



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

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

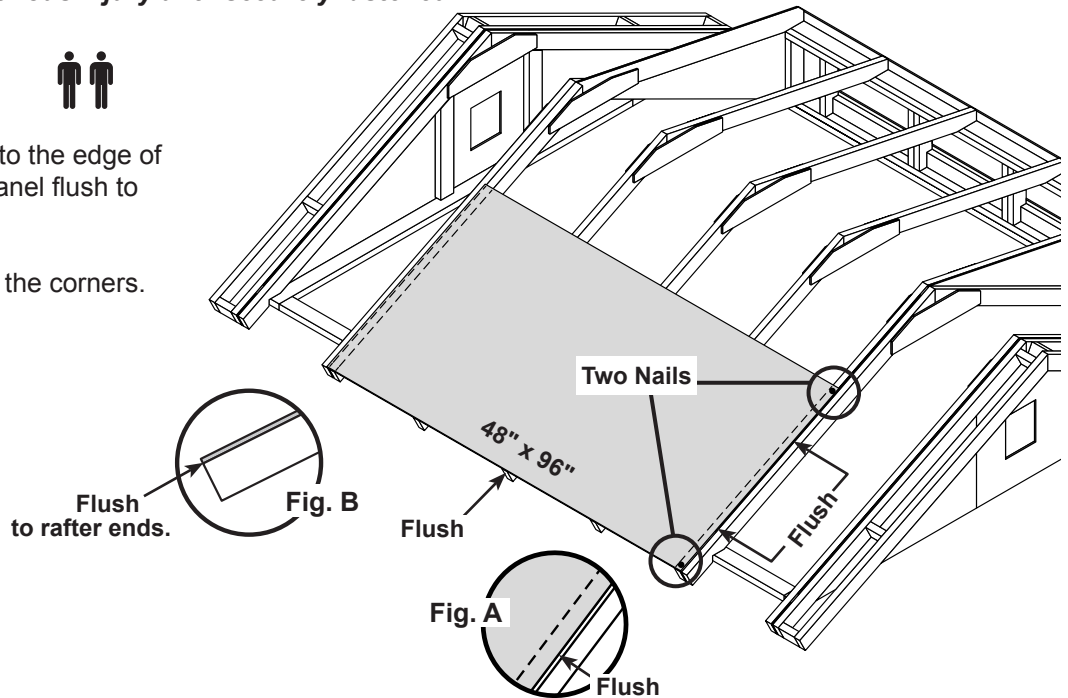
✓ **BEGIN**

1



Install (1) **48" x 96"** panel flush to the edge of dormer rafter (**Fig. A**) and the panel flush to rafter ends (**Fig. B**).

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



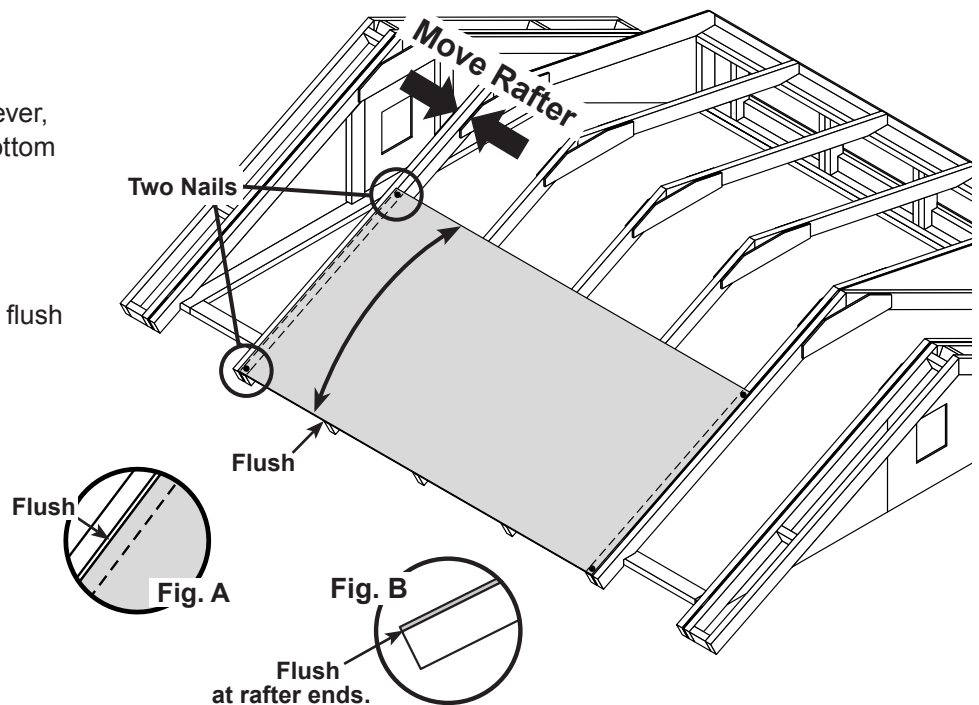
2

Move to the opposite end.

Using the long edge of the panel as a lever, move the panel side-to-side until the bottom corner is flush to rafter end (**Fig. B**). Secure panel with (1) 2" nail in the lower corner.

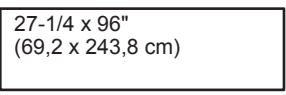
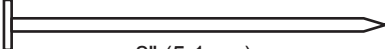
Move the rafter until the panel's edge is flush to the rafter's edge (**Fig. A**).

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

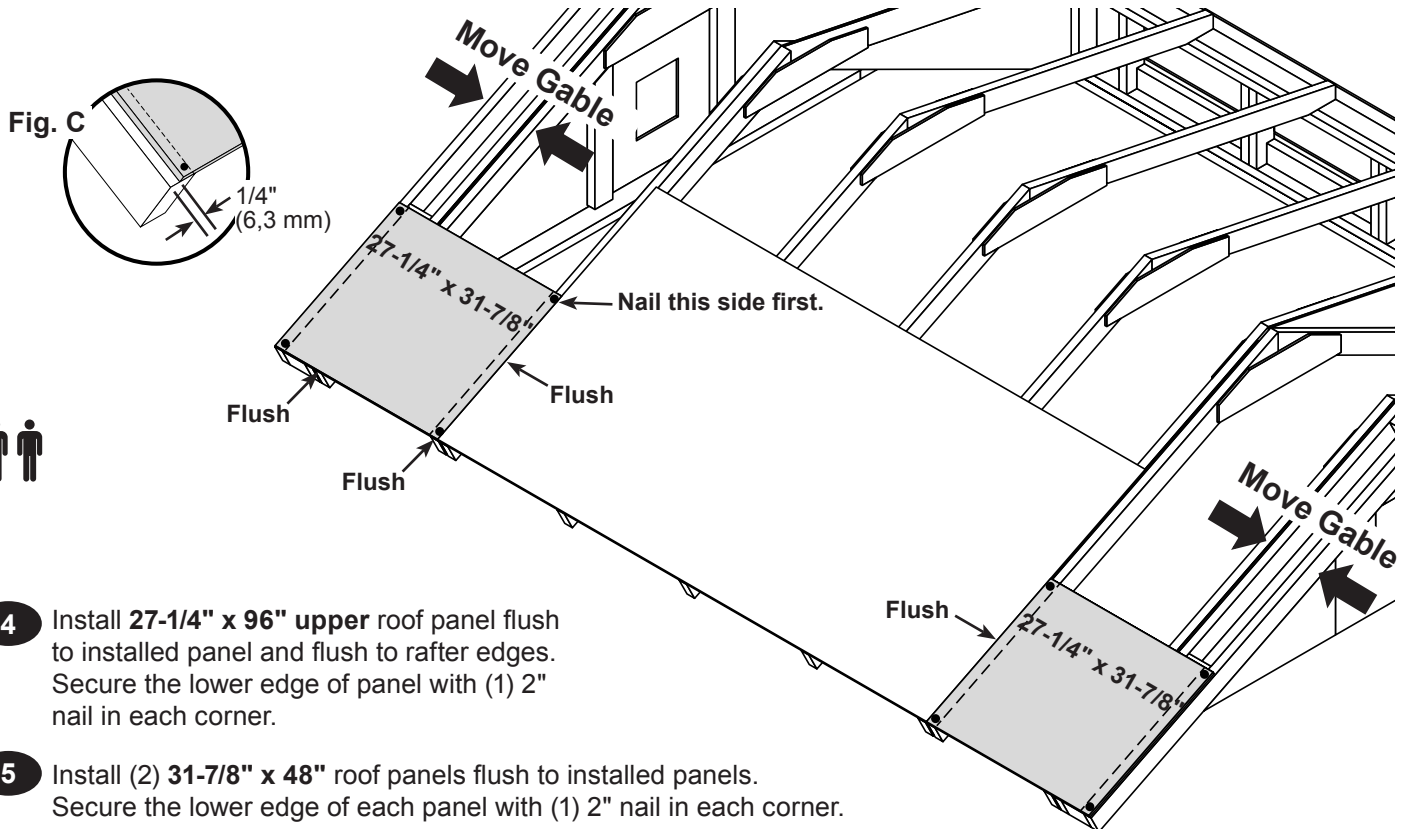


ROOF PANELS

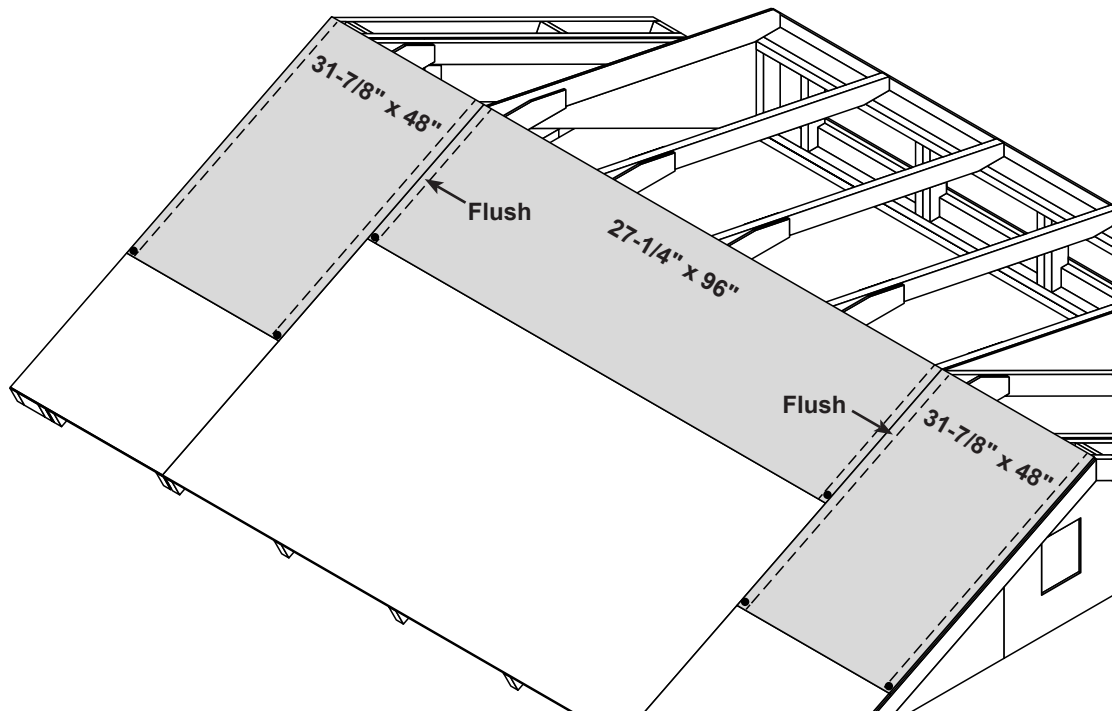
PARTS REQUIRED:

x2		27-1/4 x 31-7/8" (69,2 x 81 cm)	x2		31-7/8 x 48" (81 x 121,9 cm)	x1		27-1/4 x 96" (69,2 x 243,8 cm)	x20		2" (5,1 cm)	
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- 3** Install (2) **27-1/4" x 31-7/8"** panels flush to the installed panel and flush to rafter ends (**Fig. B**).
Secure with (1) 2" nail in each inside corner, as shown
Move the gable unit until the the gable frame's outer edge is 1/4" from the panel (**Fig. C**).
Secure with (1) 2" nail in each corner.

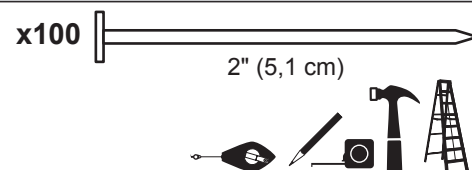


- 4** Install **27-1/4" x 96"** upper roof panel flush to installed panel and flush to rafter edges.
Secure the lower edge of panel with (1) 2" nail in each corner.
- 5** Install (2) **31-7/8" x 48"** roof panels flush to installed panels.
Secure the lower edge of each panel with (1) 2" nail in each corner.

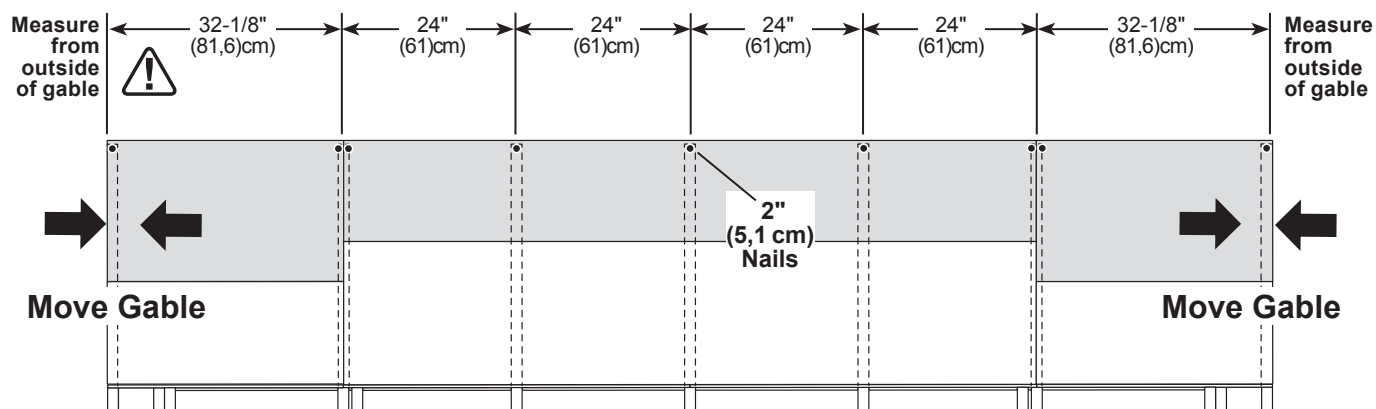


ROOF PANELS

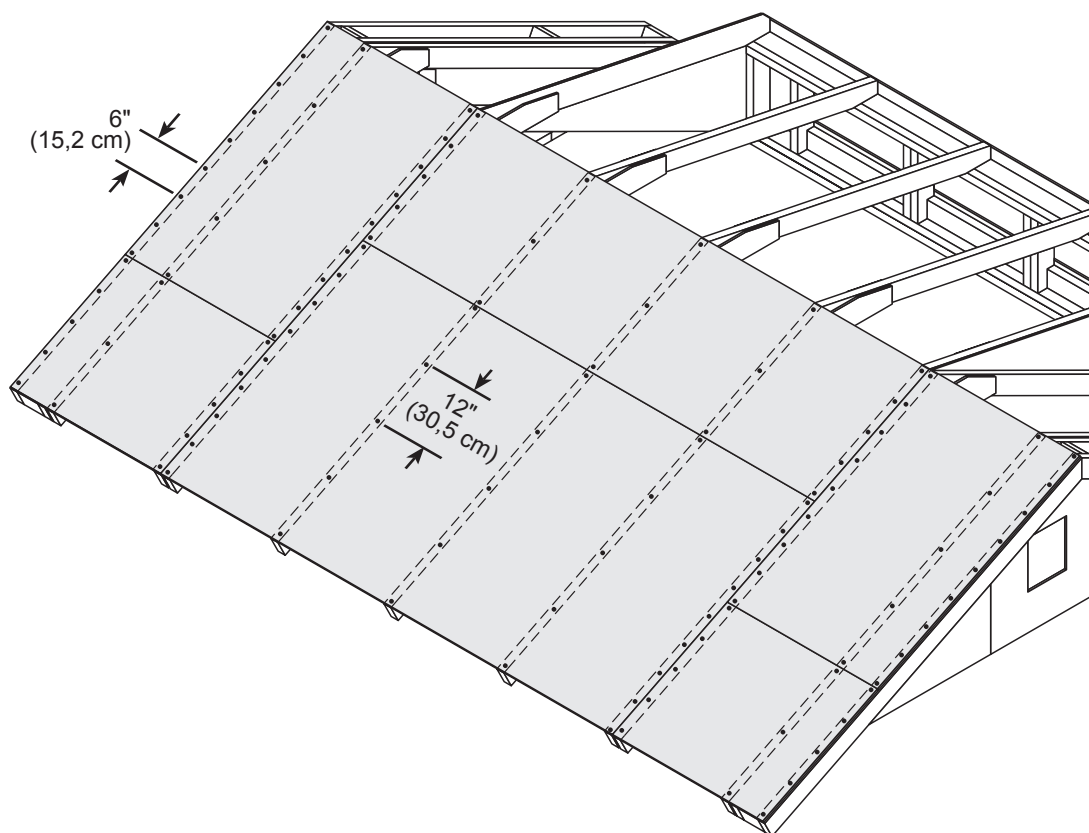
PARTS REQUIRED:



- 6** Move to the top of the roof and ensure accurate spacing between the centers of the rafters. Secure panels with (1) 2" nail in each corner.



- 7** Secure all roof panels with 2" nails spaced 6" apart on edges and 12" apart inside panel.



FINISH

All panels are installed on the back of the main roof.

ROOF PANELS (Dormer Side)

PARTS REQUIRED:

x2		27-1/4 x 31-7/8" (69,2 x 81 cm)	x2		31-7/8 x 48" (81 x 121,9 cm)	x1		7-3/4 x 96" (19,7 x 243,8 cm)	x22		2" (5,1 cm)
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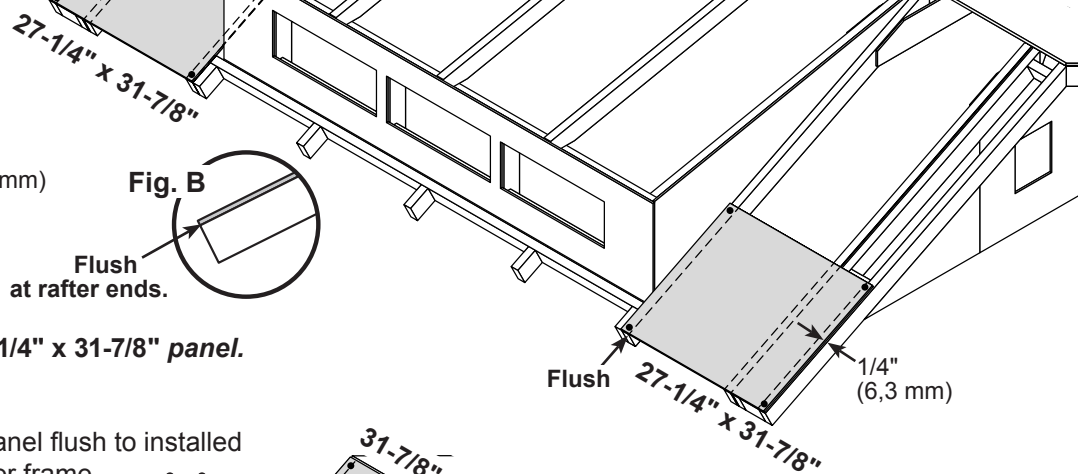
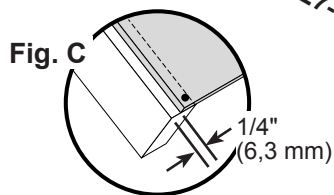
Install all roof panels with the rough side (painted grid lines) facing up.

! Roof panels may cause serious injury until securely fastened.

BEGIN

1

Install (1) 27-1/4" x 31-7/8" roof panel, as shown. Ensure panel is flush at rafter ends (**Fig. B**) and 1/4" from gable outer frame (**Fig. C**). Secure with (1) 2" nail in each corner.



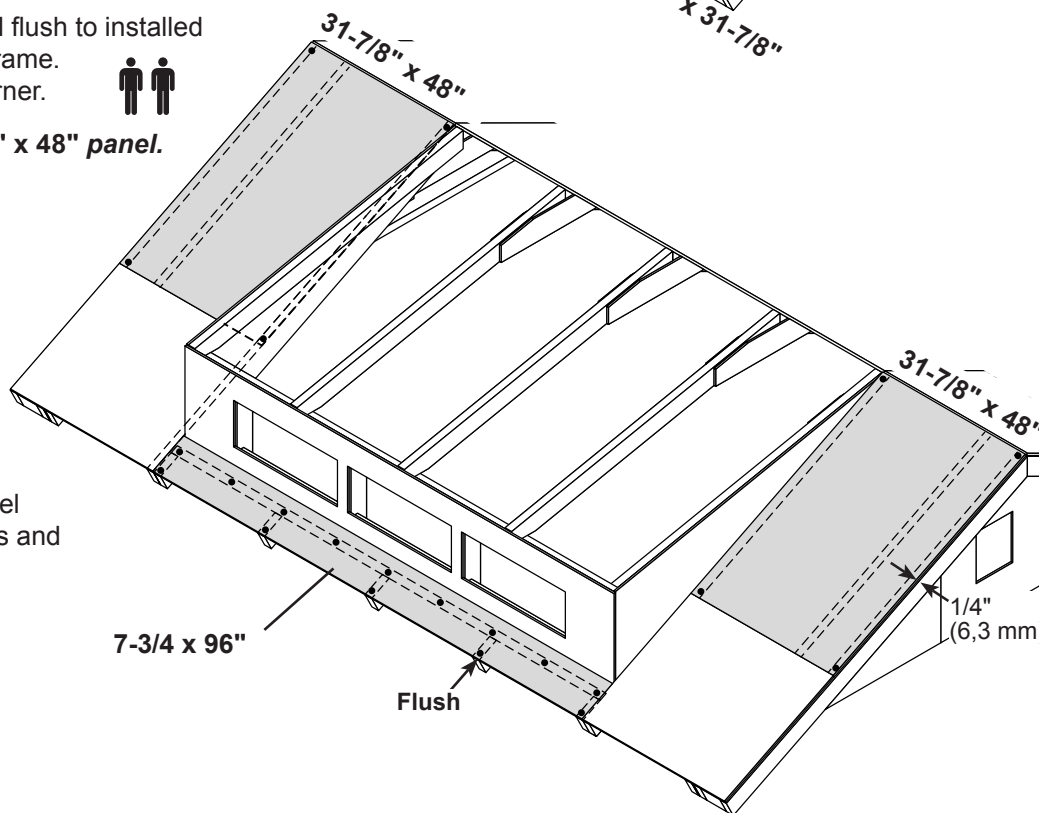
Repeat to install the 2nd 27-1/4" x 31-7/8" panel.

2

Install (1) 31-7/8" x 48" roof panel flush to installed panel and 1/4" from gable outer frame. Secure with (1) 2" nail in each corner.



Repeat to install the 2nd 31-7/8" x 48" panel.

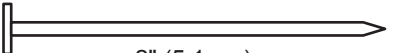


3

Install the 7-3/4" x 96" roof panel centered between installed panels and flush to rafter ends. Secure with 2" nails, as shown.

ROOF PANELS (Dormer Side)

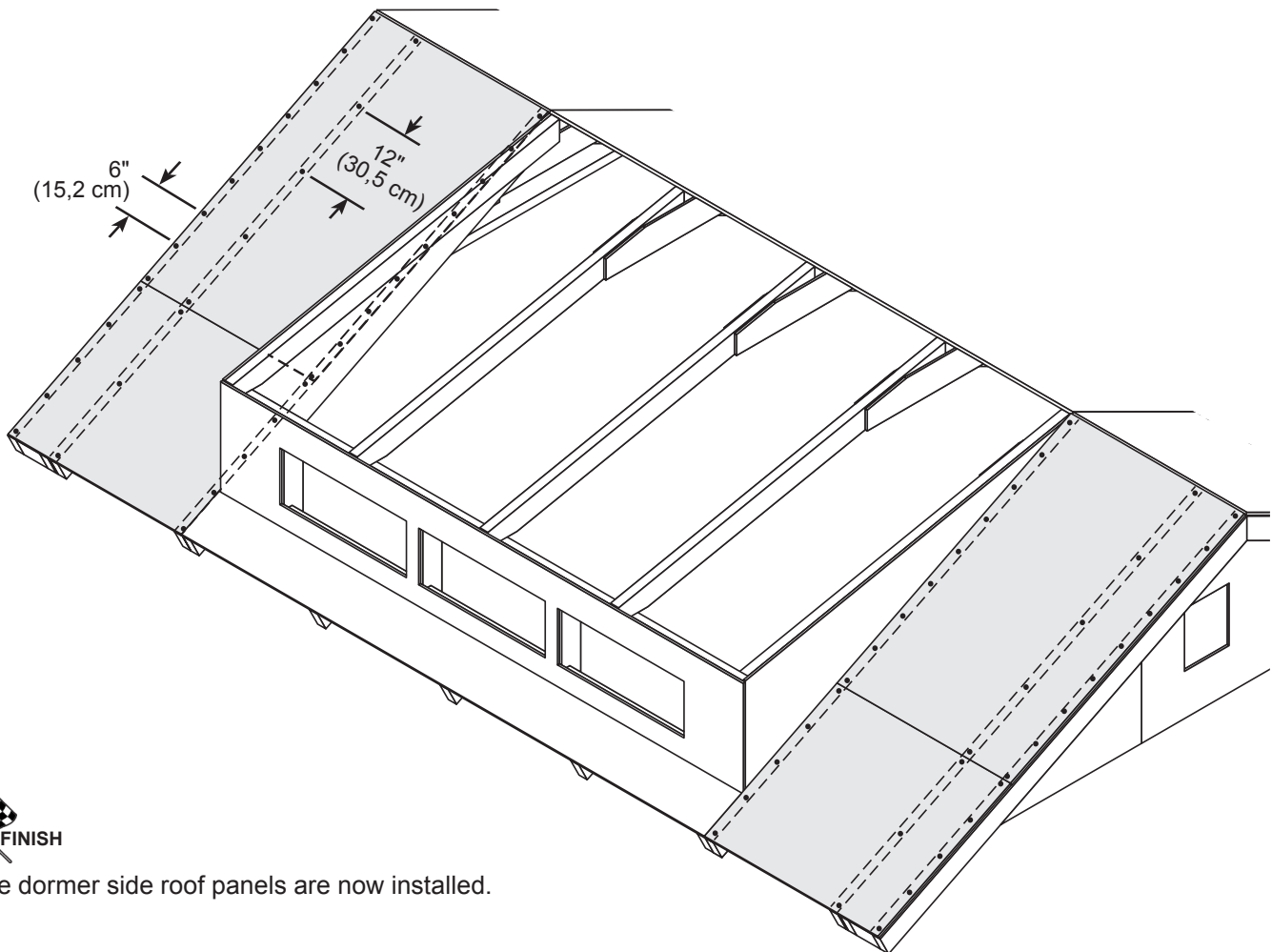
PARTS REQUIRED:

x56  2" (5,1 cm)



4

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

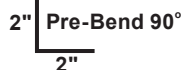


The dormer side roof panels are now installed.

DORMER FELT / FLASHING

PARTS REQUIRED:

(x4) 4" x 32" Aluminum
Flashing Cards



(x40) 1" GALVANIZED ROOFING NAILS

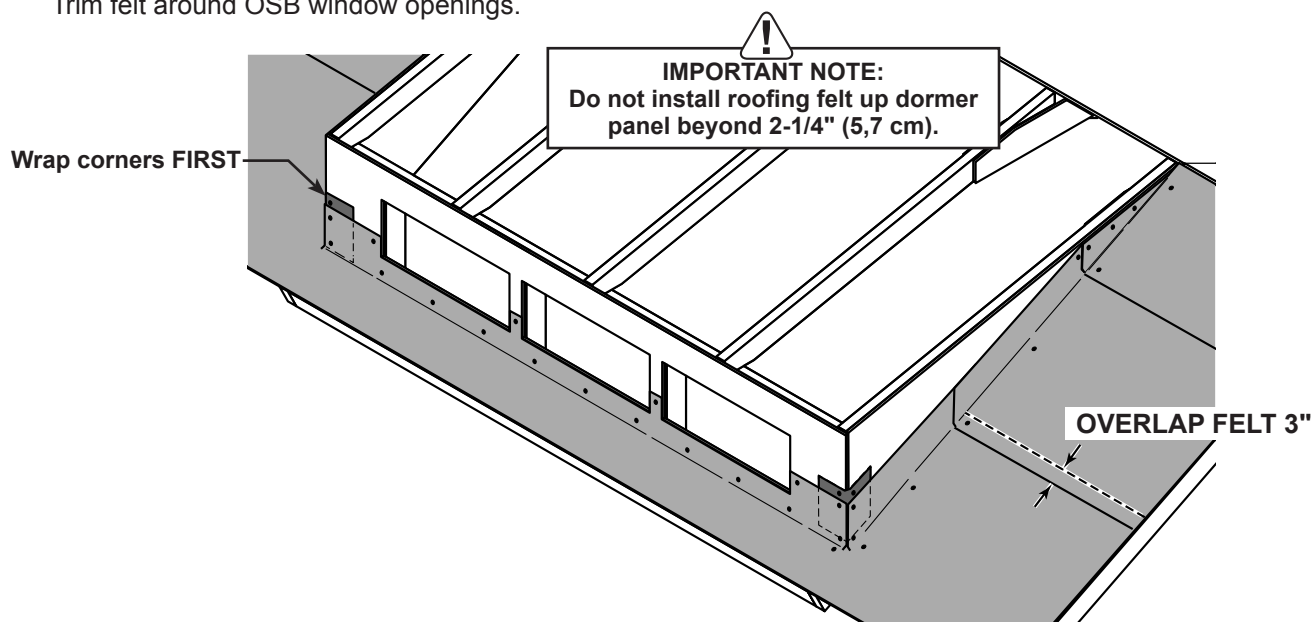
#15 ROOFING FELT
(Optional)



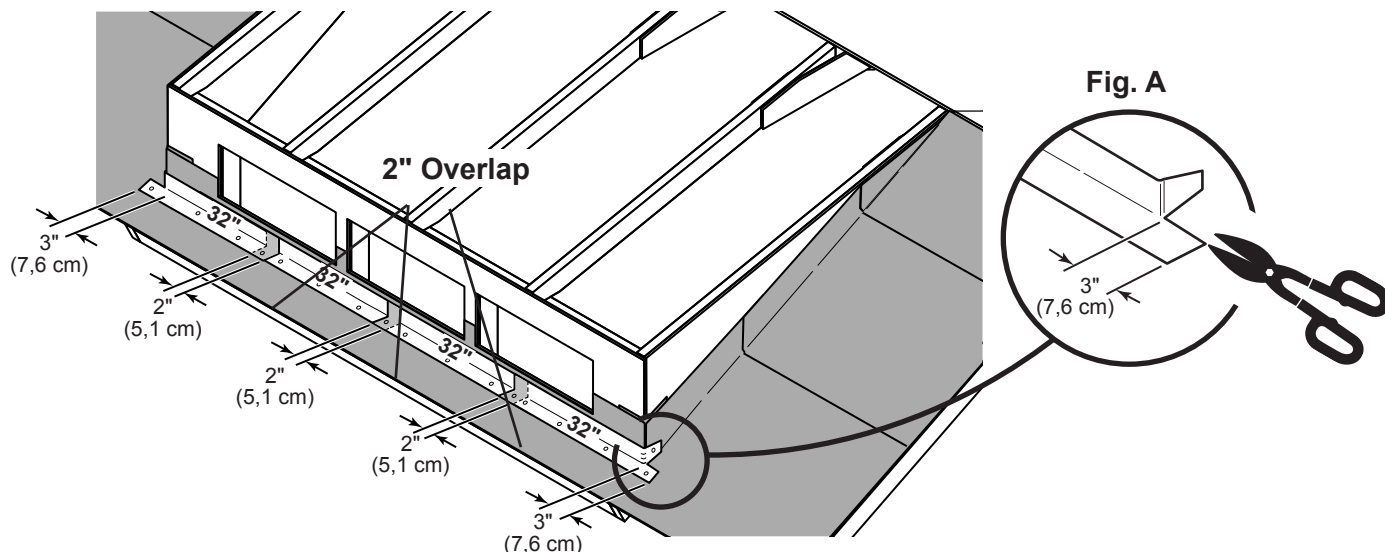
*Read roofing instructions beginning at Page 112 for roofing felt, drip edge, and shingle installation.
Follow instructions below for dormer roofing felt and flashing installation.*

✓ BEGIN

- 1 Install roofing felt around dormer prior to flashing. - **Do not exceed height of 2-1/4" (5,7 cm).** Overlap felt layers by 3". Wrap corners with felt before installing larger pieces. Secure felt with 1" roofing nails, as shown. Trim felt around OSB window openings.



- 2 Flash the front of dormer using (4) 4" x 32" flash cards. Overlap ends of flashing 2". Extend flashing 3" past corner of dormer. Trim flashing corner ends, as shown (**Fig. A**). Bend tab around corner and secure flashing with 1" roofing nails. At one end flashing will have excess metal trimmed off length.



****IF USING DRIP EDGE, INSTALL NOW AROUND PERIMETER OF ROOF BEFORE MOVING TO NEXT PAGE****

DORMER FLASHING / SHINGLES

PARTS REQUIRED:

(x40) 1" GALVANIZED
ROOFING NAILS

(x26) 5" x 7" Aluminum
Flashing Cards

2-1/2" Pre-Bend 90°
2-1/2"



- 3 Trim, bend and nail a 5" x 7" flashing at the dormer corner (**Fig. B**). Secure flashing with 1" nails.

Lay first row of shingles on top of flashing (**Fig. C**). Secure shingles with 1" roofing nails. Lay second row of shingles up to side of dormer (**Fig. C**). Secure with 1" roofing nails. Bend, place and nail a 5" x 7" flashing up the dormer wall and on top of shingle. Overlap first 5" x 7" flashing by 1-1/2". Secure with 1" roofing nails.

Do not nail into dormer wall.

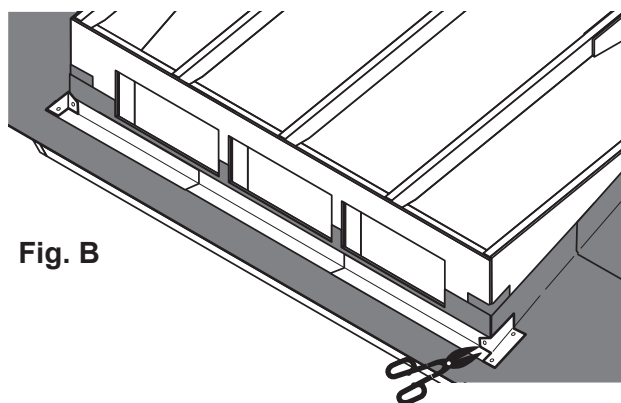


Fig. B

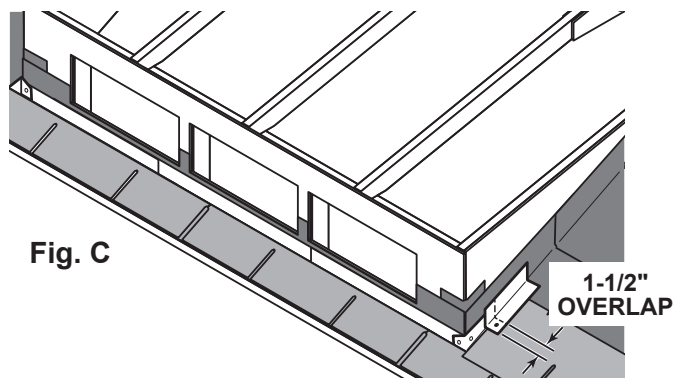
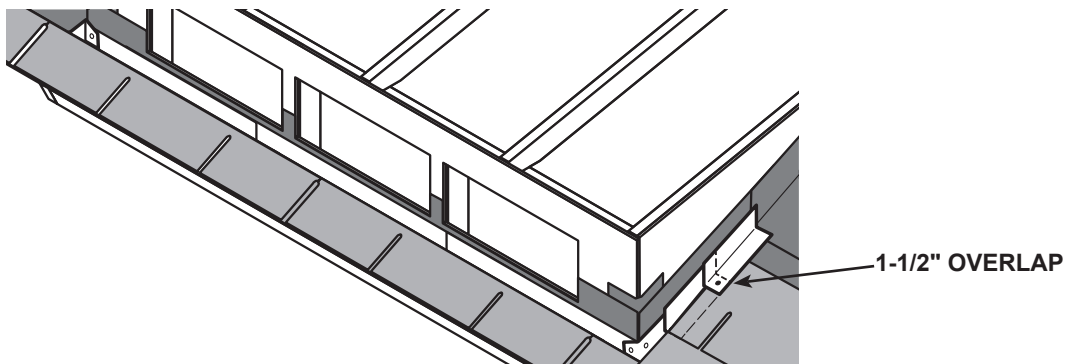


Fig. C

- 4 Lay next shingle on top of 5" x 7" flashing. Secure shingle with 1" nails. Bend and place next 5" x 7" flashing up the dormer wall and on top of shingle. Overlap flashing by 1-1/2". Secure flashing with 1" roofing nails.



- 5 Keep alternating and stepping flashing and shingles as in step 4 until you have reached the roof peak (**fig. D**). You will have to trim flashing when you work near top of dormer.

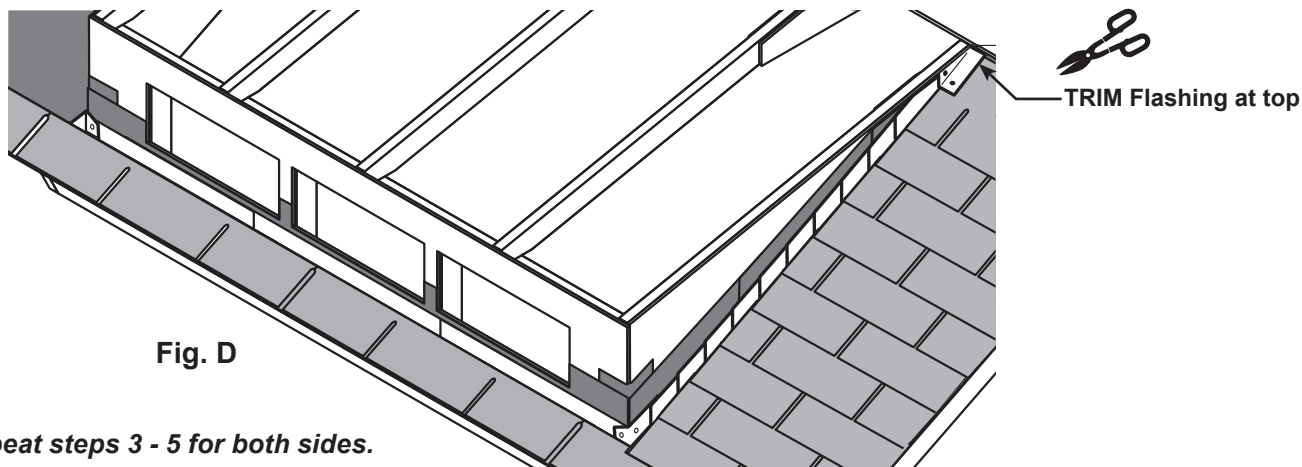


Fig. D

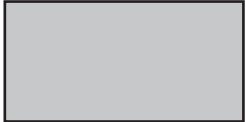
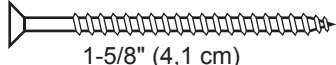
Repeat steps 3 - 5 for both sides.



You have finished installing your dormer flashing. Proceed to complete your dormer.

DORMER ROOF UNIT

PARTS REQUIRED:

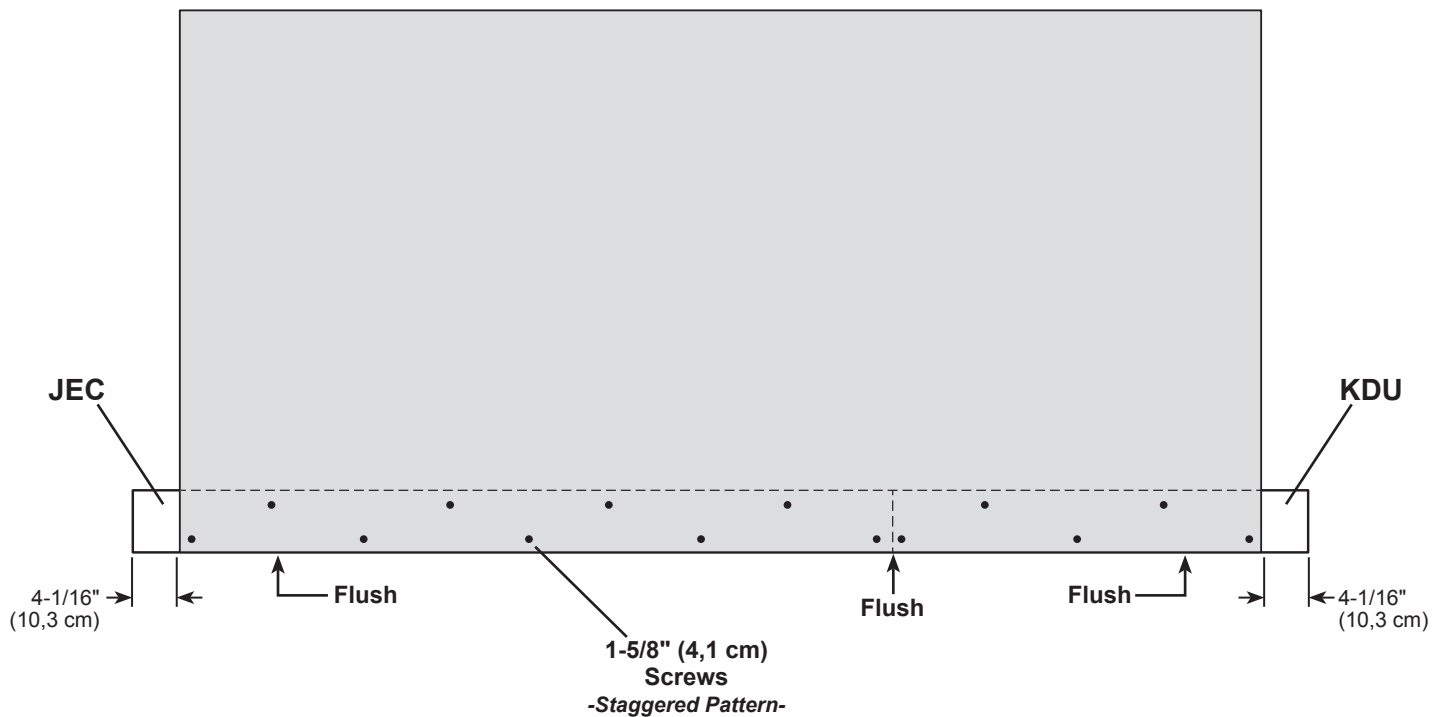
x1	KDU	2 x 6 x 36-7/16" (5,1 x 15,2 x 92,6 cm)			
x1	JEC	2 x 6 x 67-3/4" (5,1 x 15,2 x 172,1 cm)	x1		7/16 x 48 x 96" (1,1 x 121,9 x 243,8 cm)
				x14	 1-5/8" (4,1 cm)
					

✓ BEGIN

1 Place **JEC** and **KDU** on a flat surface.

2 Place **48 x 96"** roof panel on top of **JEC** and **KDU** (rough side up).
Flush 2x6 parts at connection and adjust panel to 4-1/16" (10,3 cm) measurement at each side of panel, as shown. Panel should be flush to 2x6 parts along edge.

Secure panel with (6) 1-5/8" screws in a staggered pattern.



Your dormer roof unit is now assembled.

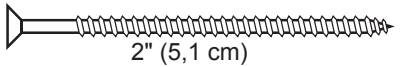
DORMER SIDE SOFFIT ASSEMBLIES

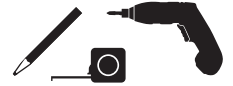
PARTS REQUIRED:

x2 **KNA**
2 x 4 x 52-1/2" (5,1 x 10,2 x 133,3 cm)

x1 **QNL**
19/32 x 3-1/2 x 58-5/8" (1,5 x 8,9 x 148,9 cm)

x1 **QNR**
19/32 x 3-1/2 x 58-5/8" (1,5 x 8,9 x 148,9 cm)

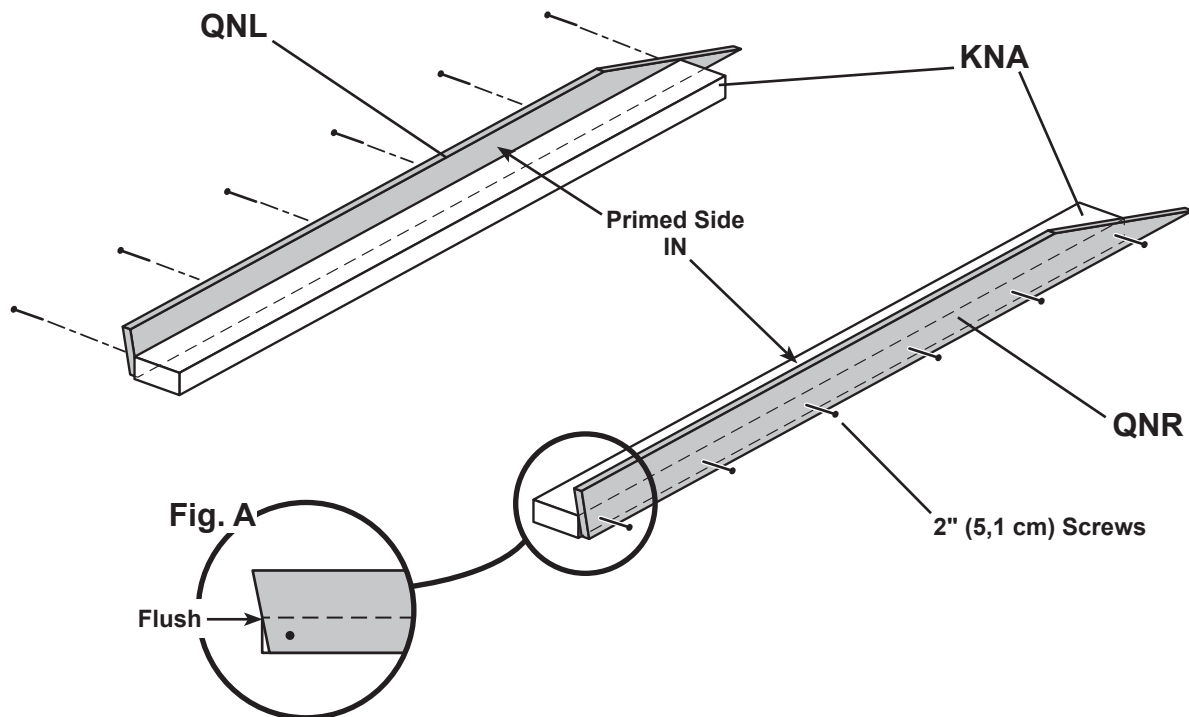
x12  2" (5,1 cm)



Build a left and a right soffit assembly.

✓ BEGIN

- 1** Orient parts as shown on a flat surface. Slide part **QNR** until angle meets the corner of **KNA** (**Fig. A**). Secure with (6) 2" screws spaced evenly.



Repeat STEP 1 to build opposite side soffit assembly.



Your dormer roof side assemblies are complete.

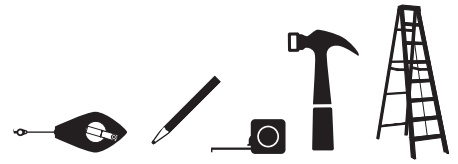
DORMER ROOF

PARTS REQUIRED:



Assembled
DORMER ROOF UNIT

x26 2" (5,1 cm)



- Install all roof panels with the grid lines facing up (rough side).
- Roof panels may cause serious injury until securely fastened.



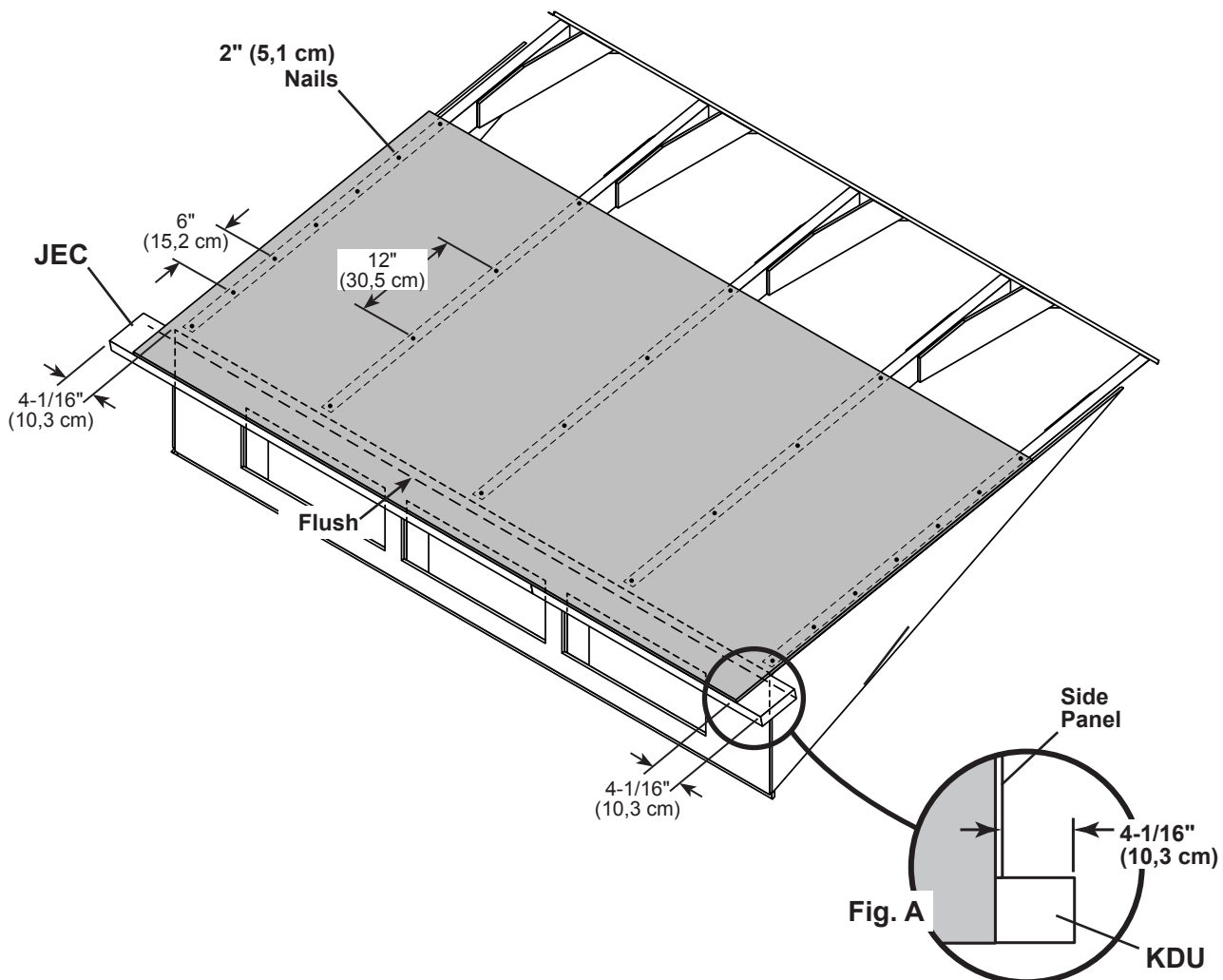
✓ BEGIN

- 1 Lift and center the dormer roof unit on the dormer.

Roof unit frame **JEC** and **KDU** extend past dormer side panel by 4-1/16" (10,3 cm) at each side (**Fig. A**).
JEC and **KDU** are flush against front dormer panel.

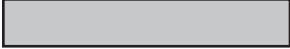
- 2 Mark rafter locations on dormer panel.

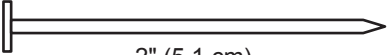
Secure roof panel with 2" nails spaced 6" apart along panel edges and 12" apart inside of panel.

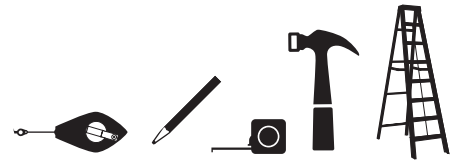


DORMER ROOF

PARTS REQUIRED:

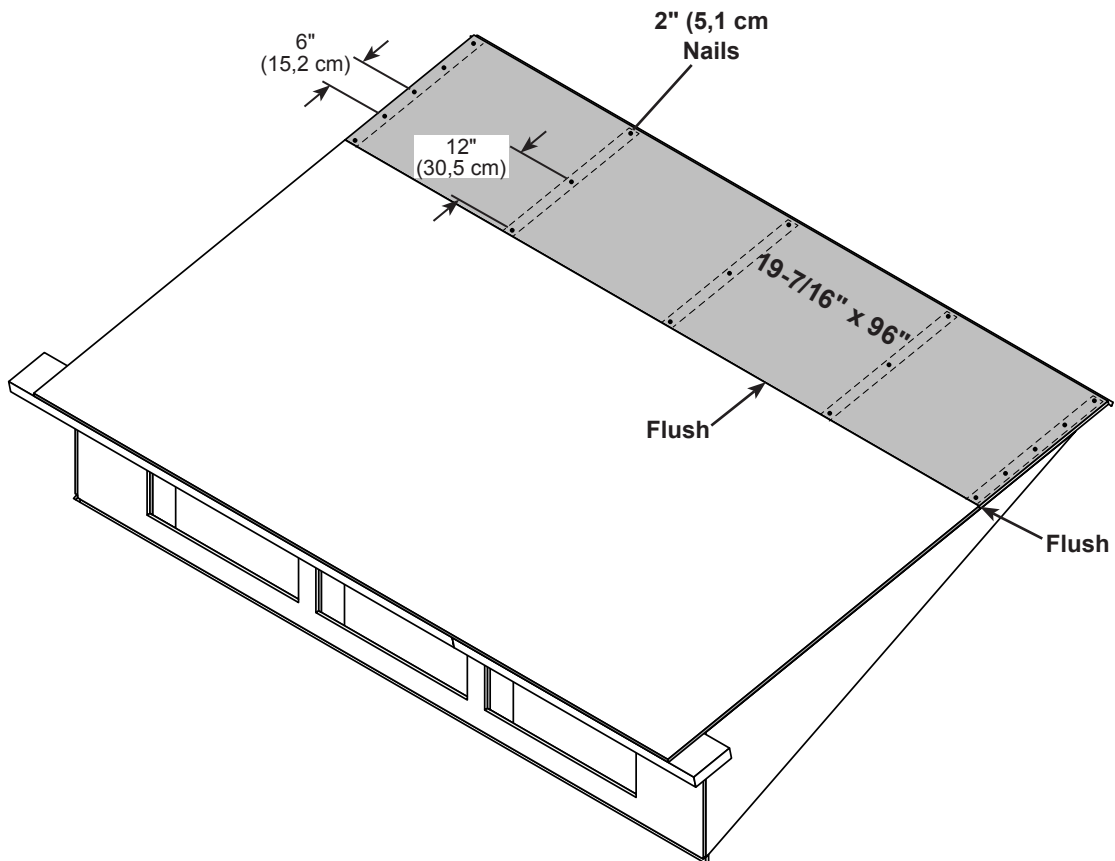
x1 
7/16 x 19-7/16 x 96"
(1,1 x 49,4 x 243,8 cm)

x19 
2" (5,1 cm)

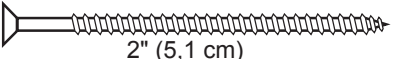


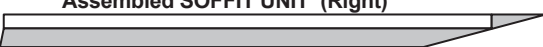
3 Install the **19-7/16" x 96"** panel flush to the installed panel.

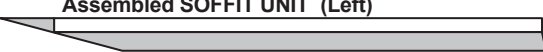
4 Mark rafter locations on the panel and secure with 2" nails spaced 6" apart along panel edges and 12" apart inside of panel.

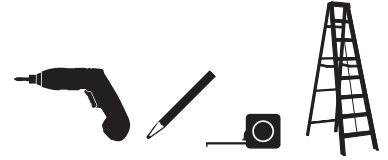


DORMER ROOF

PARTS REQUIRED: x2  x8 

x1 

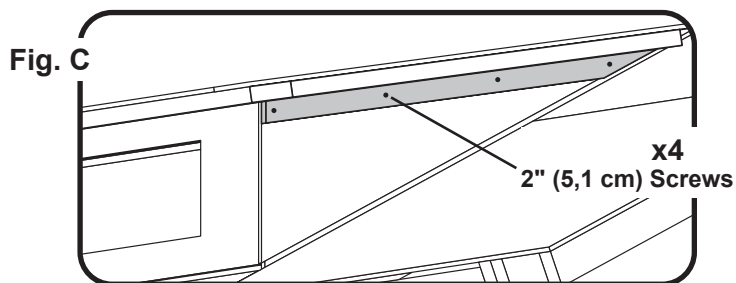
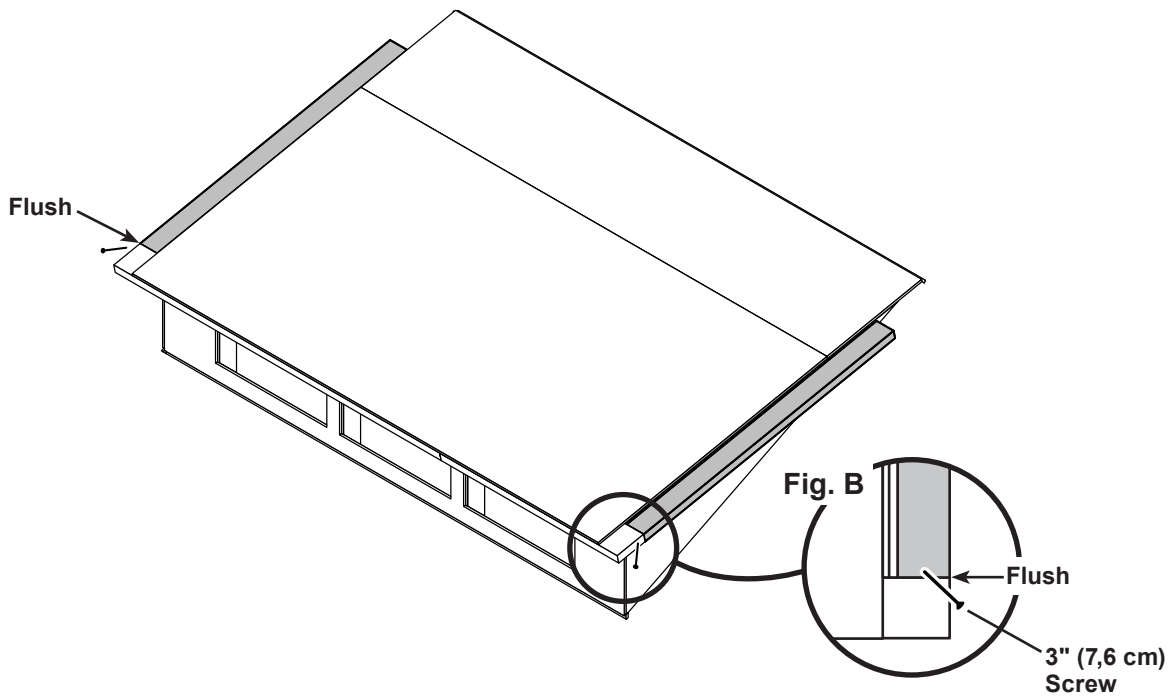
x1 



5 Place **SOFFIT UNIT** tight against dormer wall and flush with front soffit board (**Fig. B**).

Secure **SOFFIT UNIT** with 2" screws (**Fig. C**).

6 Secure soffits together with 3" screws at an angle (**Fig. B**).

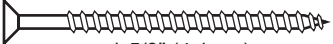


Repeat steps 5 and 6 to install the opposite side soffit unit.

DORMER ROOF

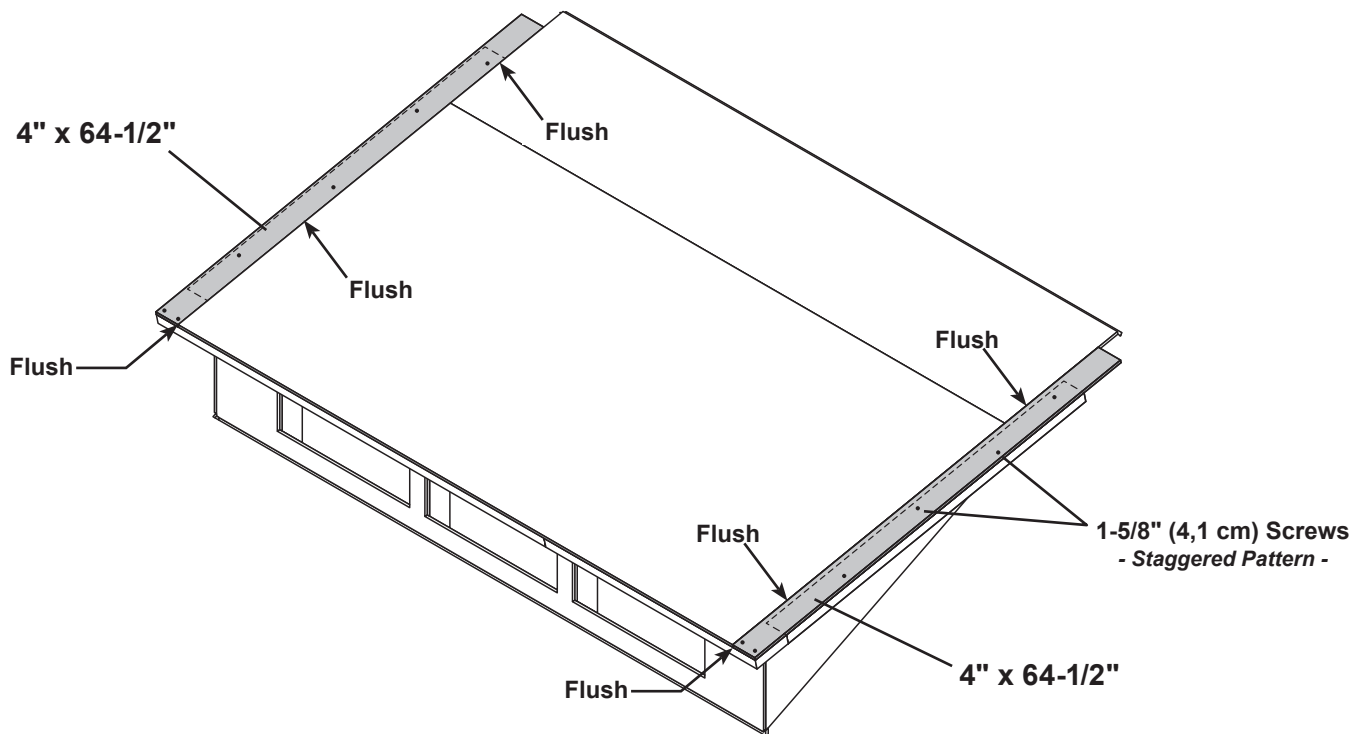
PARTS REQUIRED:

x2 
 7/16 x 4 x 64-1/2"
 (1,1 x 10,2 x 163,8 cm)

x12 
 1-5/8" (4,1 cm)



- 7** Place **4" x 64-1/2"** dormer roof panels on either side of installed dormer roof panels.
 Hold flush to front and along panel seam.
 Secure with 1-5/8" screws in a staggered pattern, as shown.



Your dormer roof and soffits are now installed.

DORMER FASCIA

PARTS REQUIRED:

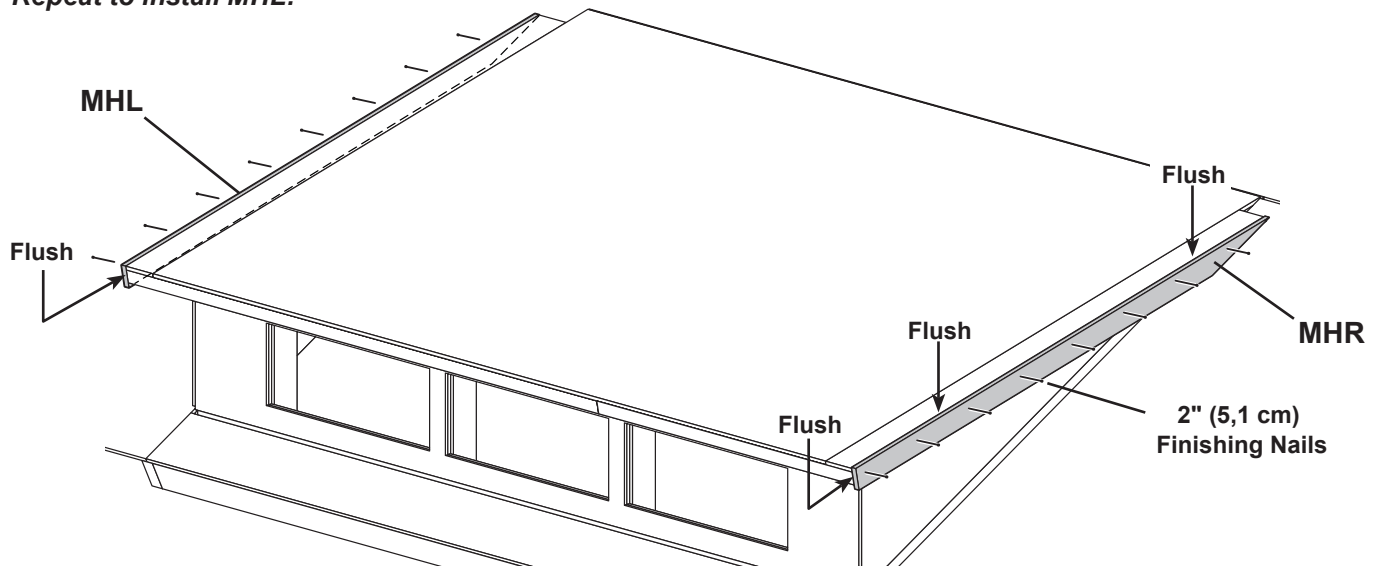
x1	NCF	19/32 x 2-1/2 x 44-3/4" (1,5 x 6,3 x 113,7 cm)	x25	2" (5,1 cm)
x1	MLB	19/32 x 2-1/2 x 61" (1,5 x 6,3 x 154,9 cm)		
x1	MHL	19/32 x 2-1/2 x 64-1/2" (1,5 x 6,3 x 163,8 cm)	x1	MHR
				19/32 x 2-1/2 x 64-1/2" (1,5 x 6,3 x 163,8 cm)



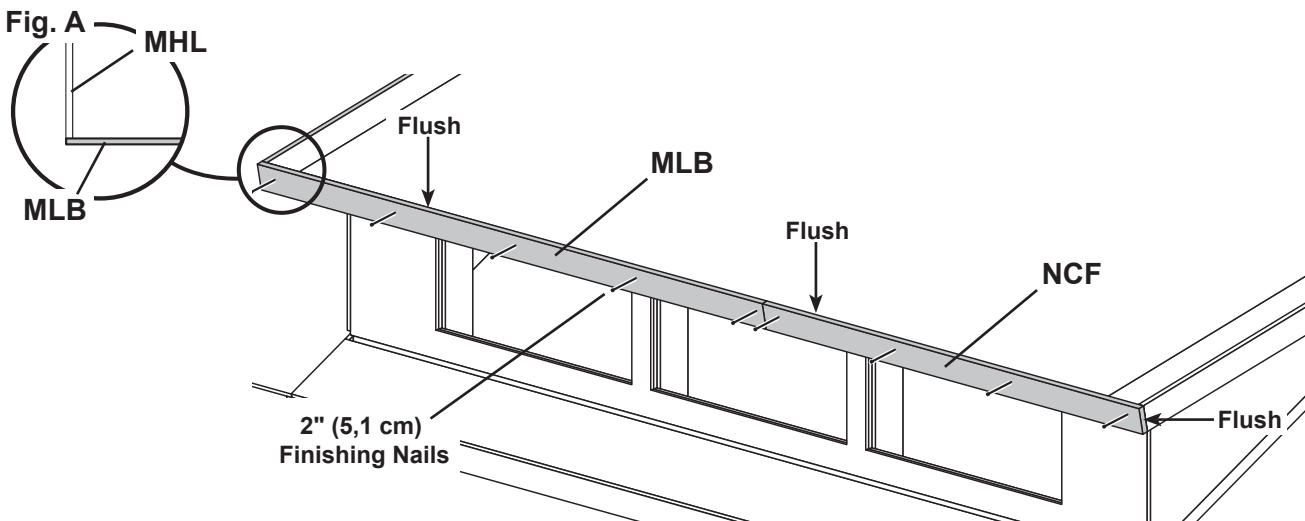
✓ BEGIN

- 1 Install **MHR** flush with side and front of roof panel.
Secure with 2" finishing nails.

Repeat to install MHL.



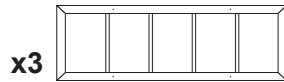
- 2 Install **MLB** and **NCF** flush with roof panels and with ends flush to **MHR** and **MHL** (Fig. A).
Secure with (10) 2" finishing nails evenly spaced.



Your dormer fascia trim is now installed.

DORMER WINDOWS

PARTS REQUIRED:

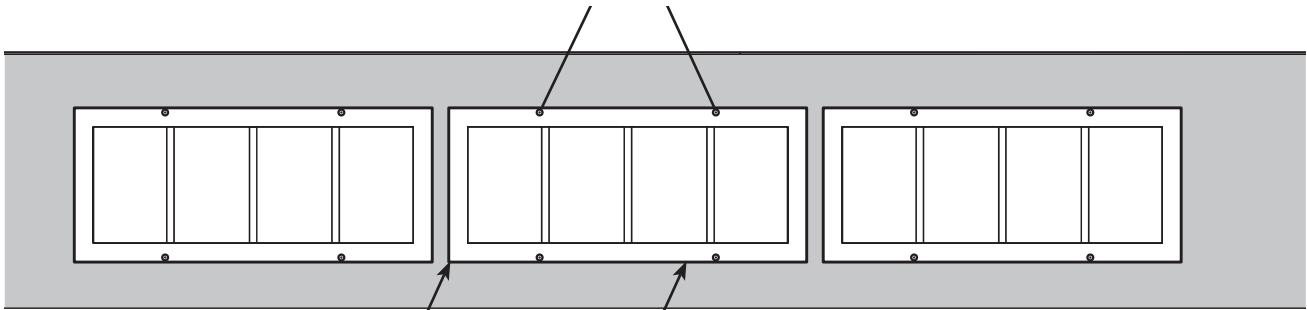


✓ BEGIN

- 1 Seal windows with high-quality exterior-grade caulk before installing.
Secure windows with 3/4" screws, as shown.

Install all dormer trim parts with primed side facing out.

(4) 3/4" screws per window



HINT: Caulk behind frame near edge before installing.



You must caulk around windows to validate warranty.

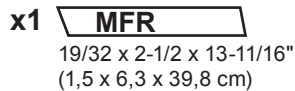
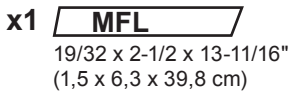
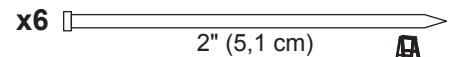


FINISH

Your dormer windows are now installed.

DORMER TRIM

PARTS REQUIRED:



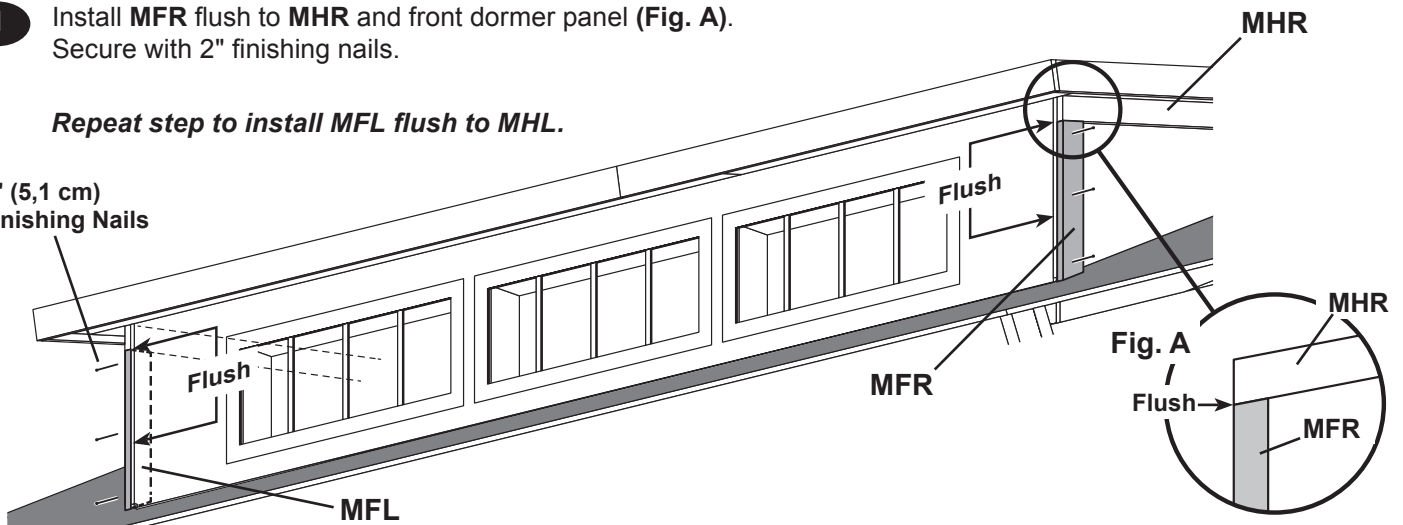
Install all dormer trim parts with primed side facing out.

✓ BEGIN

- 1 Install **MFR** flush to **MHR** and front dormer panel (Fig. A).
Secure with 2" finishing nails.

Repeat step to install MFL flush to MHL.

2" (5,1 cm)
Finishing Nails

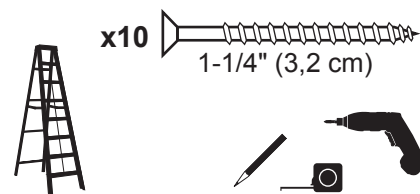


DORMER TRIM

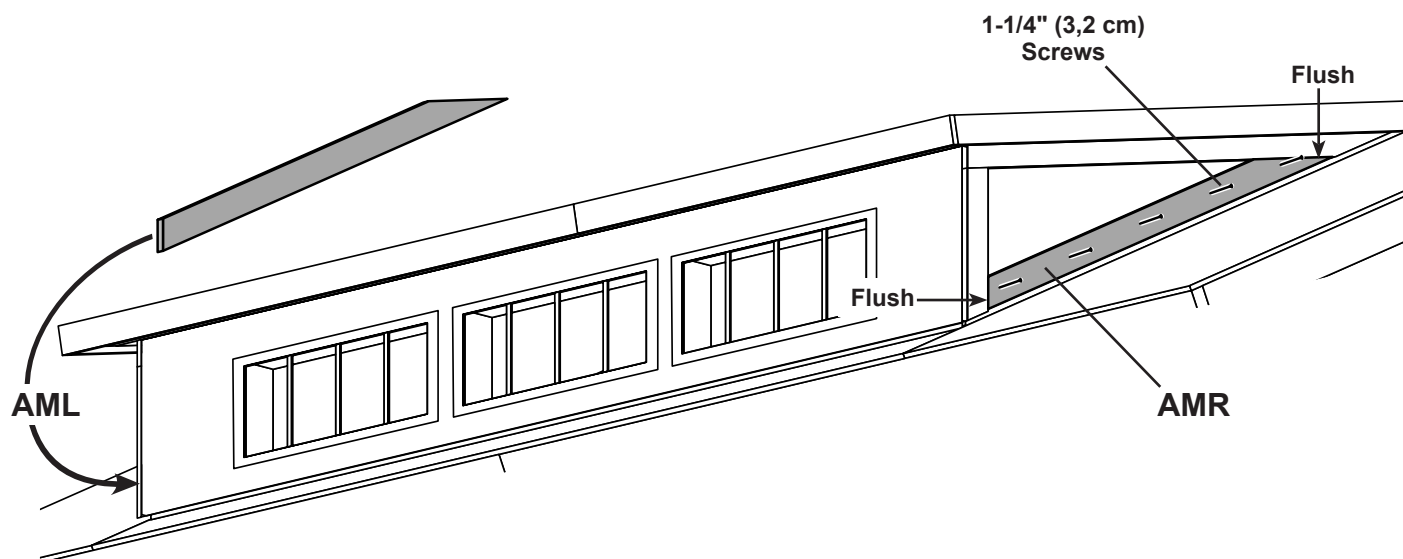
PARTS REQUIRED:

x1 **AMR**
19/32 x 2-1/2 x 46-9/16" (1,5 x 6,3 x 118,3 cm)

x1 **AML**
19/32 x 2-1/2 x 46-9/16" (1,5 x 6,3 x 118,3 cm)



- 2 Install **AMR** flush to trim boards **MFR** and **MHR**. Secure with 1-1/4" screws, evenly spaced.



Repeat step to install AML on dormer left side.

DORMER WINDOW TRIM

PARTS REQUIRED:

x4 **DLN**
19/32 x 3-1/2 x 9-1/8"
(1,5 x 8,9 x 23,2 cm)

x2 **MEA**
19/32 x 2-1/2 x 15-1/8"
(1,5 x 6,3 x 38,4 cm)

x1	LDB
	19/32 x 2-1/2 x 92-1/2" (1,5 x 6,3 x 235 cm)

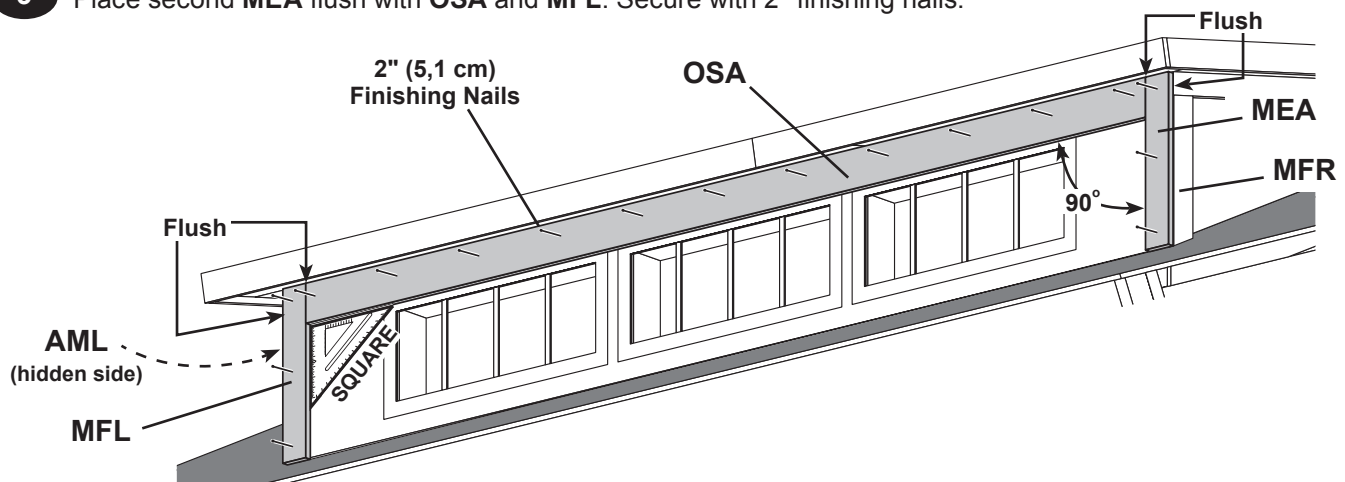
x1	OSA
	19/32 x 3-1/2 x 92-1/2" (1,5 x 8,9 x 235 cm)



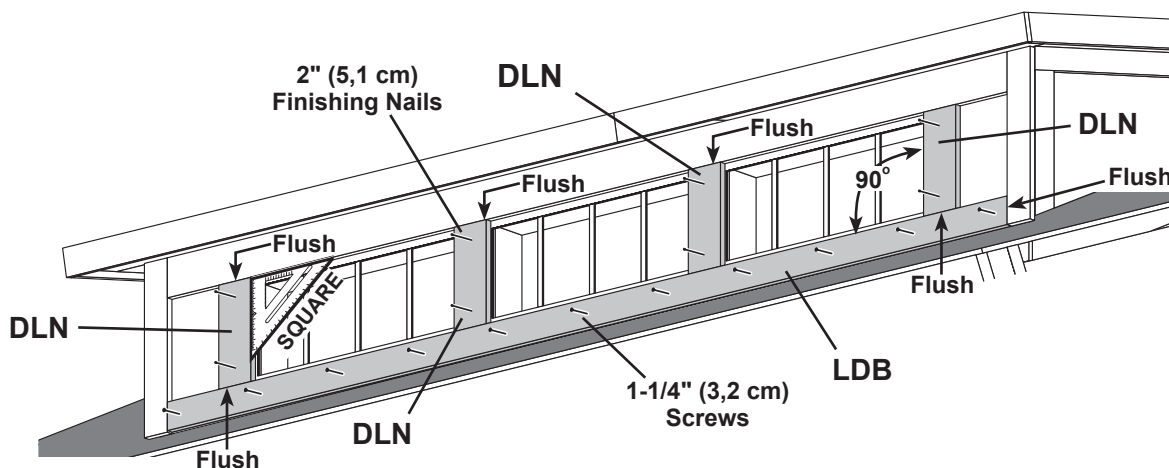
Install all dormer trim parts with primed side facing out.

✓ BEGIN

- 1 Install **MEA** flush up to dormer front soffit and **MFR**. Secure with 2" finishing nails.
- 2 Place **OSA** flush up to front soffit and **MEA**. Secure with 2" finishing nails.
- 3 Place second **MEA** flush with **OSA** and **MFL**. Secure with 2" finishing nails.



- 4** Install (2) **DLN** centered over window edges and flush up to installed top window trim **HOA**. Secure with 2" finishing nails.
- 5** Place (2) **DLN** square and flush up to **OSA**. Secure with 2" finishing nails.
- 6** Install **LDB** bottom window trim flush up to (4) installed **DLN**. Hold in place and secure with 1-1/4" screws .



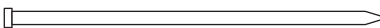
Your dormer trim is now installed.

GABLE END SOFFITS

PARTS REQUIRED:

x4 
3/8 x 7-3/8 x 73-5/16" (1 x 18,7 x 186,2 cm)



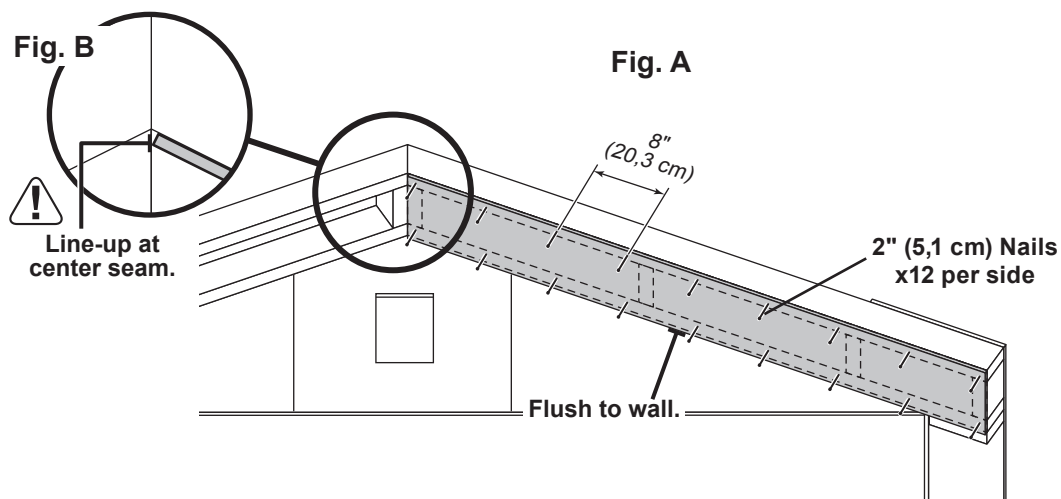
x72  2" (5,1 cm)
  

Install all soffit boards with the primed side facing down.

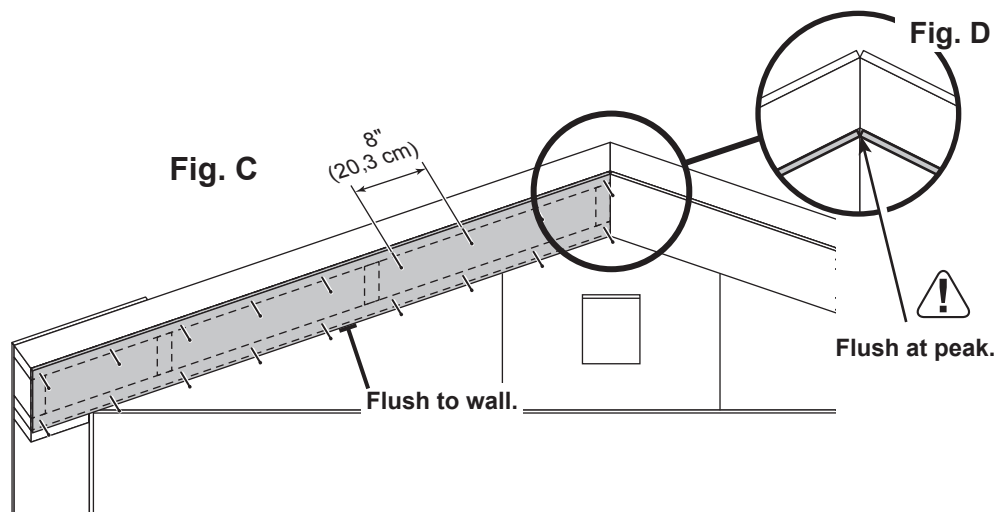
Ensure soffit panels are lined-up at seam (Fig. B) and at peak (Fig. D).

✓ BEGIN

- 1 Install right 73-5/16" soffit panel flush to front wall (Fig A) and flush to gable frame seam (Fig B). Secure with (12) 2" finishing nails.



- 2 Install left 73-5/16" soffit panel flush to front wall (Fig C), and flush to right soffit panel (Fig. D). Secure with (12) 2" finishing nails.



Repeat steps to install soffit panels on the opposite side.



FINISH

Your soffit panels are now installed.

BACK EAVE SOFFIT

PARTS REQUIRED:

x2 
3/8 x 5-7/8 x 73" (1 x 14,9 x 185,4 cm)

x16 
2" (5,1 cm)

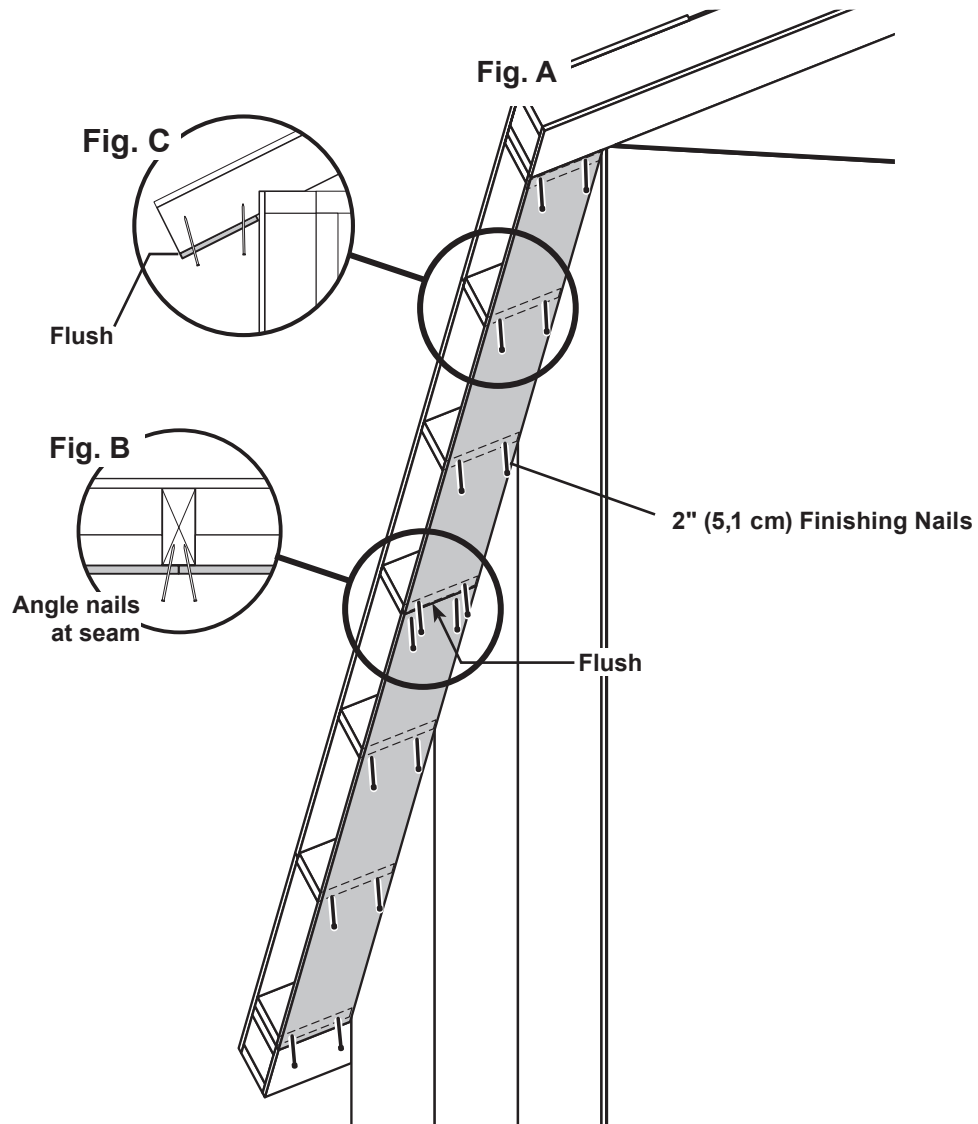


Install all soffit boards with the primed side facing down.

Ensure soffit boards are flush at rafter ends (Fig. C) and flush at seams.

✓ **BEGIN**

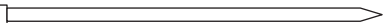
- 1 Starting at the center rafter, install 73" soffit boards flush together (Fig A).
Angle nails at center seam (Fig. B).
Secure with 2" finishing nails, as shown.



FRONT EAVE SOFFIT

PARTS REQUIRED:

x2 
3/8 x 5-7/8 x 73" (1 x 14,9 x 185,4 cm)

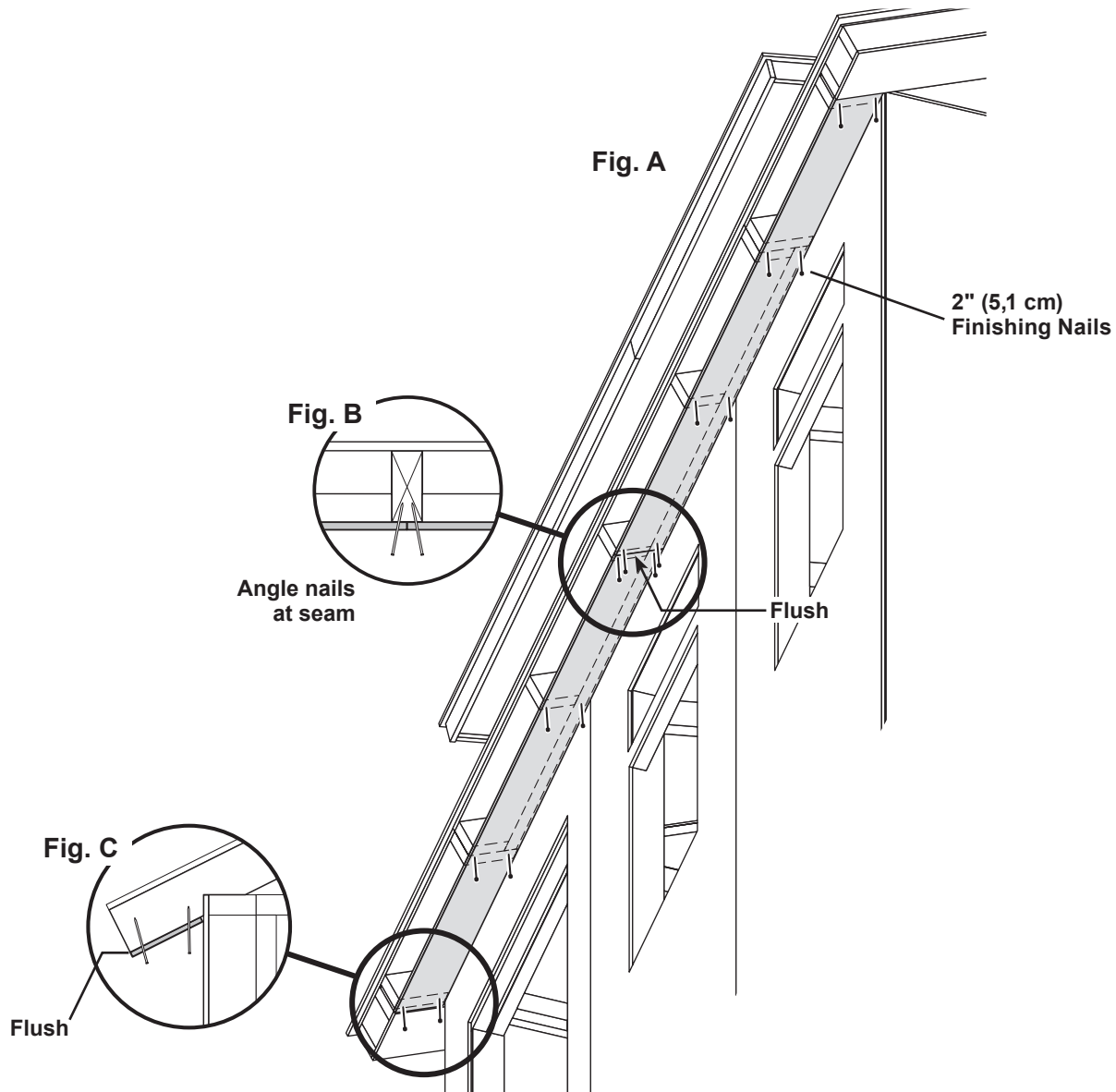
x16 
2" (5,1 cm)



Install all soffit boards with the primed side facing down.

Ensure soffit boards are flush at rafter ends (Fig. C) and flush at seams.

- 2 Starting in the middle of the eave framing, install **73"** soffit boards flush together (**Fig A**).
Angle nails at center seam (**Fig. B**).
Secure with 2" finishing nails, as shown.



Your eave soffits are now installed.

GABLE FASCIA

PARTS REQUIRED:

x2 
3/8 x 4-3/4 x 76-1/8" (1 x 12,1 x 193,4 cm)

x2 
3/8 x 4-3/4 x 76-1/8" (1 x 12,1 x 193,4 cm)

x40  2" (5,1 cm)



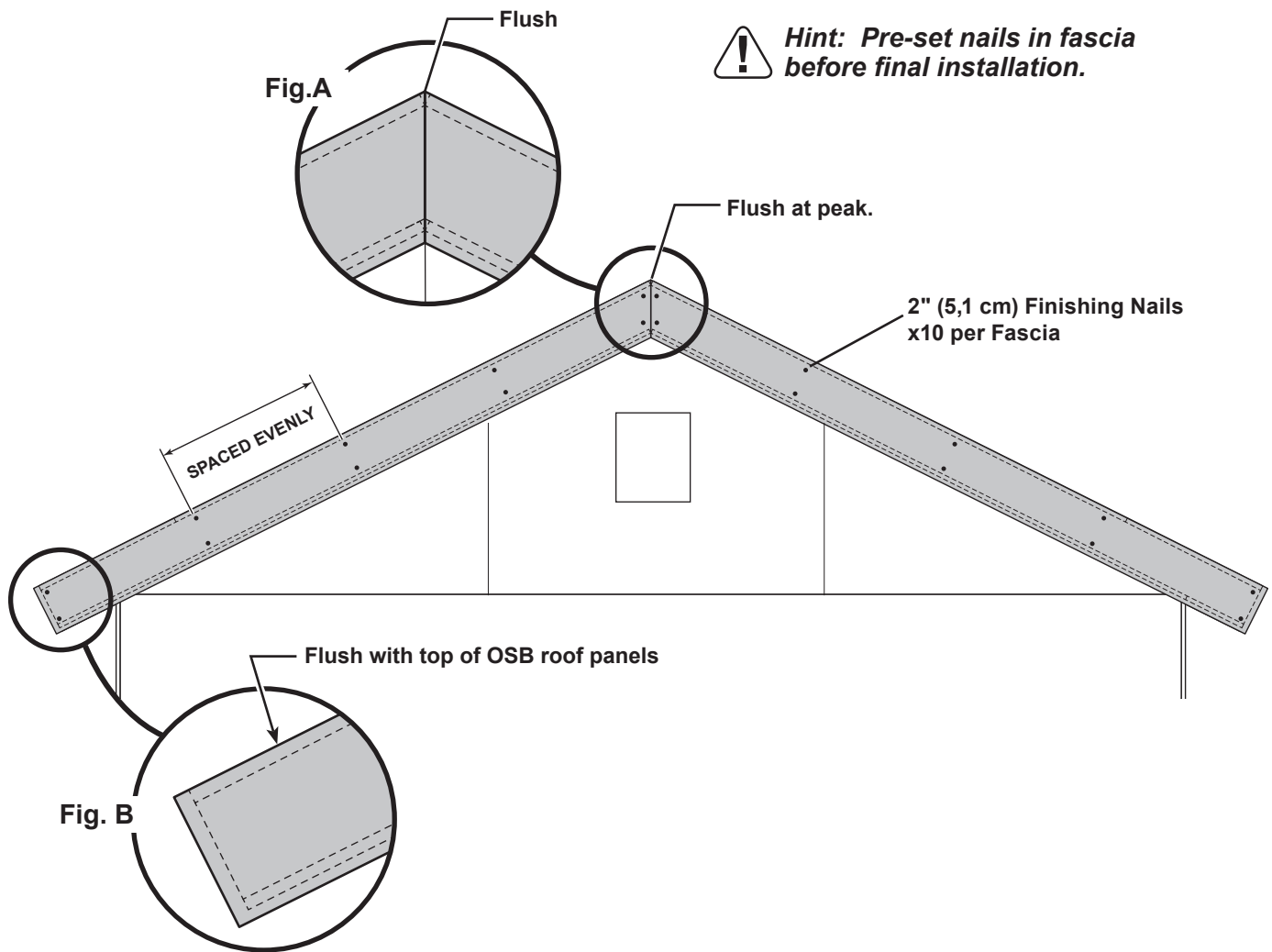
Install all fascia boards with the primed side facing out.

✓ **BEGIN**

- 1 Install fascia flush to peak and roof panels (**Fig. A, Fig B**).
Secure with 2" finishing nails spaced evenly.



Hint: Pre-set nails in fascia before final installation.



Repeat step 1 to install gable fascia to opposite side.



Your gable fascia is now installed.

EAVE FASCIA

PARTS REQUIRED:

x4



3/8 x 4-3/4 x 80-3/8" (1 x 12,1 x 204,2 cm)

x20

2" (5,1 cm)

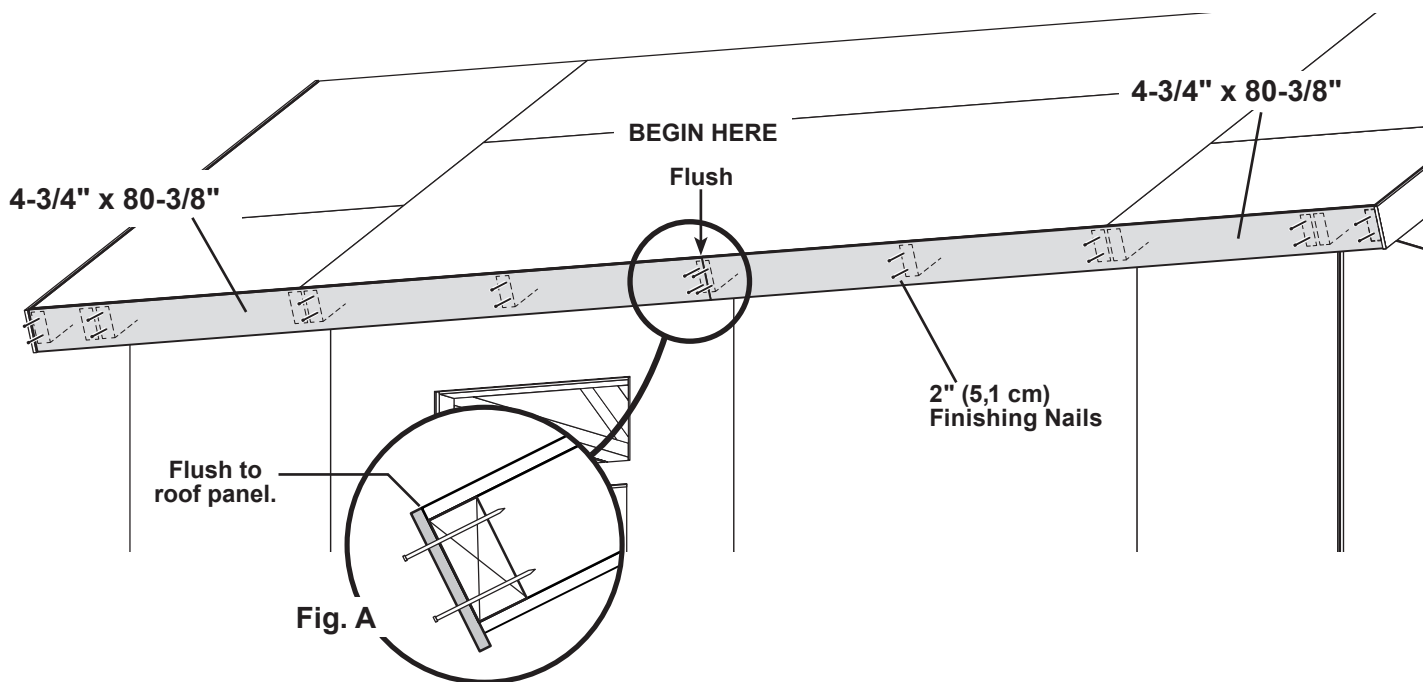


Install all fascia boards with the primed side facing out.

✓ **BEGIN**

1 Install (2) **80-3/8"** fascia boards flush to roof panels and flush over center rafter (**Fig. A**).

Secure with 2" finishing nails evenly spaced at shown locations.



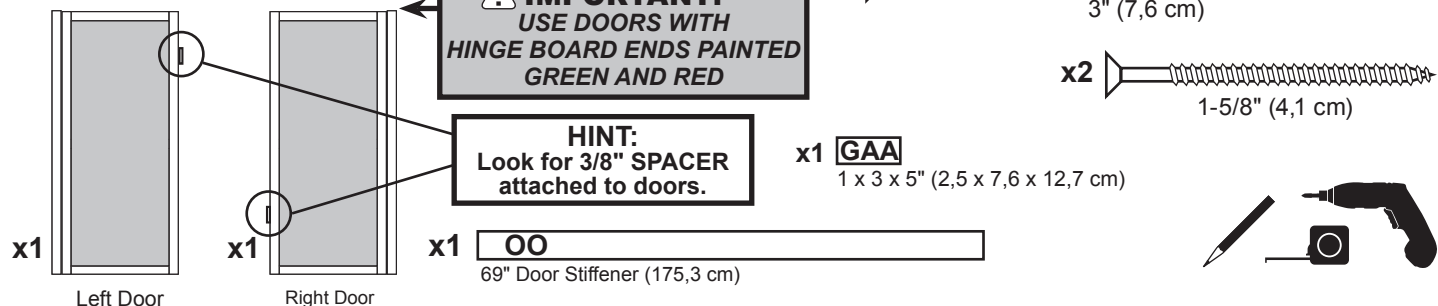
Repeat step 1 to install fascia boards on the opposite eave.



Your eave fascia boards are now installed.

DOUBLE DOORS - GABLE WALL

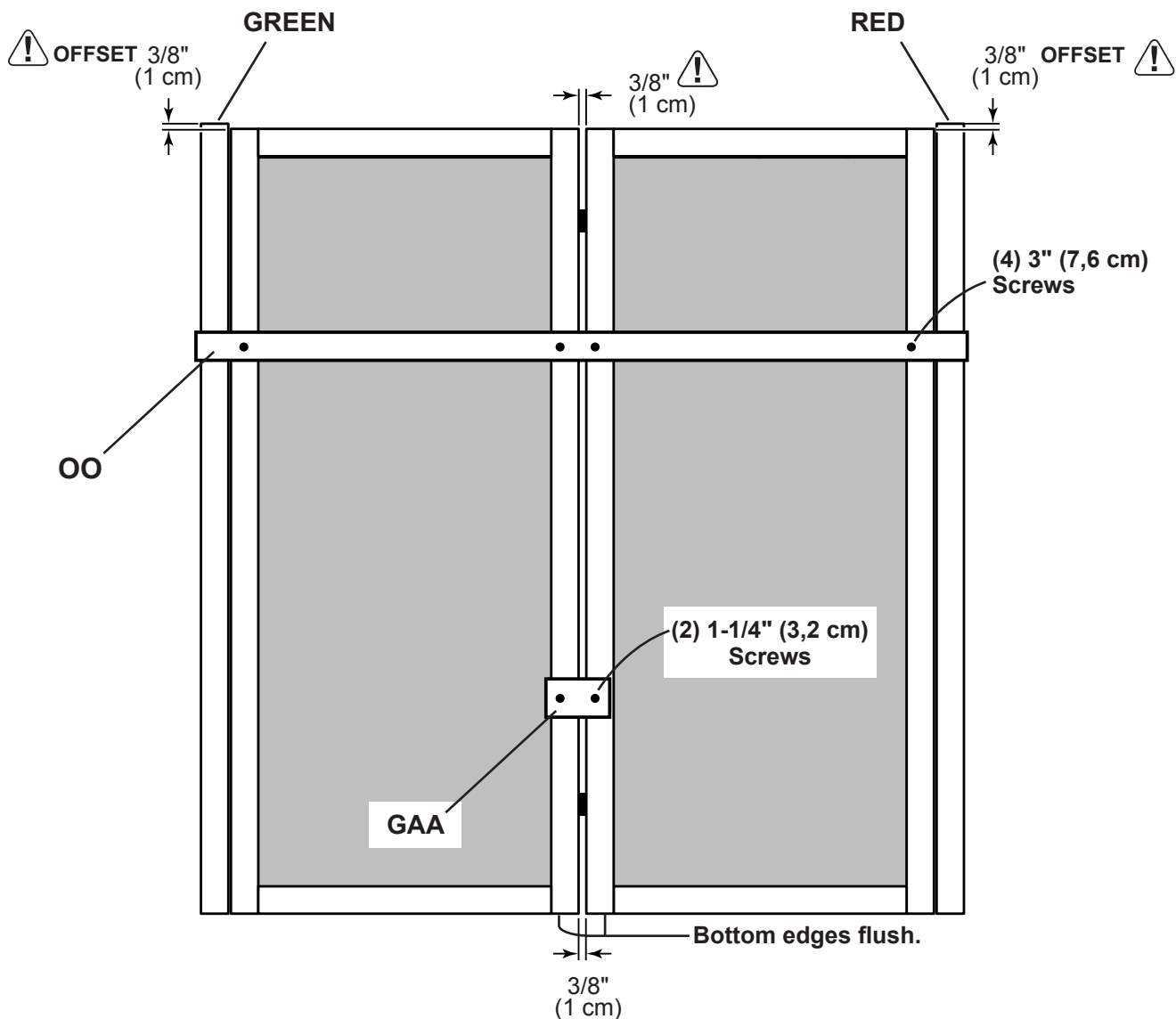
PARTS REQUIRED:



✓ BEGIN

- 1 Place doors on flat surface. 3/8" offset is to top.
Look for red (right) and green (left) on hinge board.

Install temporary supports **OO** and **GAA**.



DOORS (eave or gable wall)

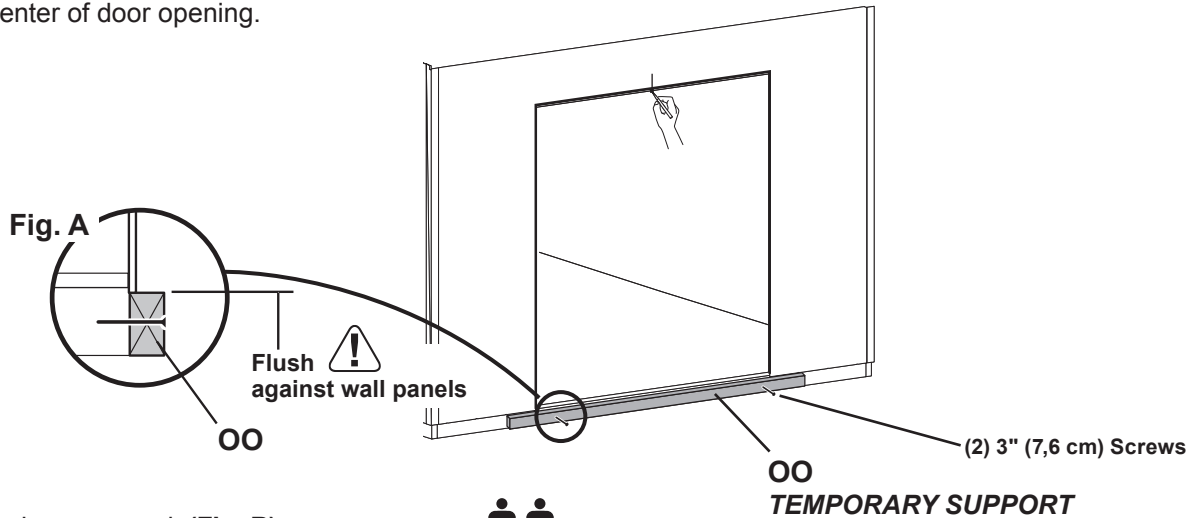
PARTS REQUIRED:

x12  3" (7,6 cm)

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



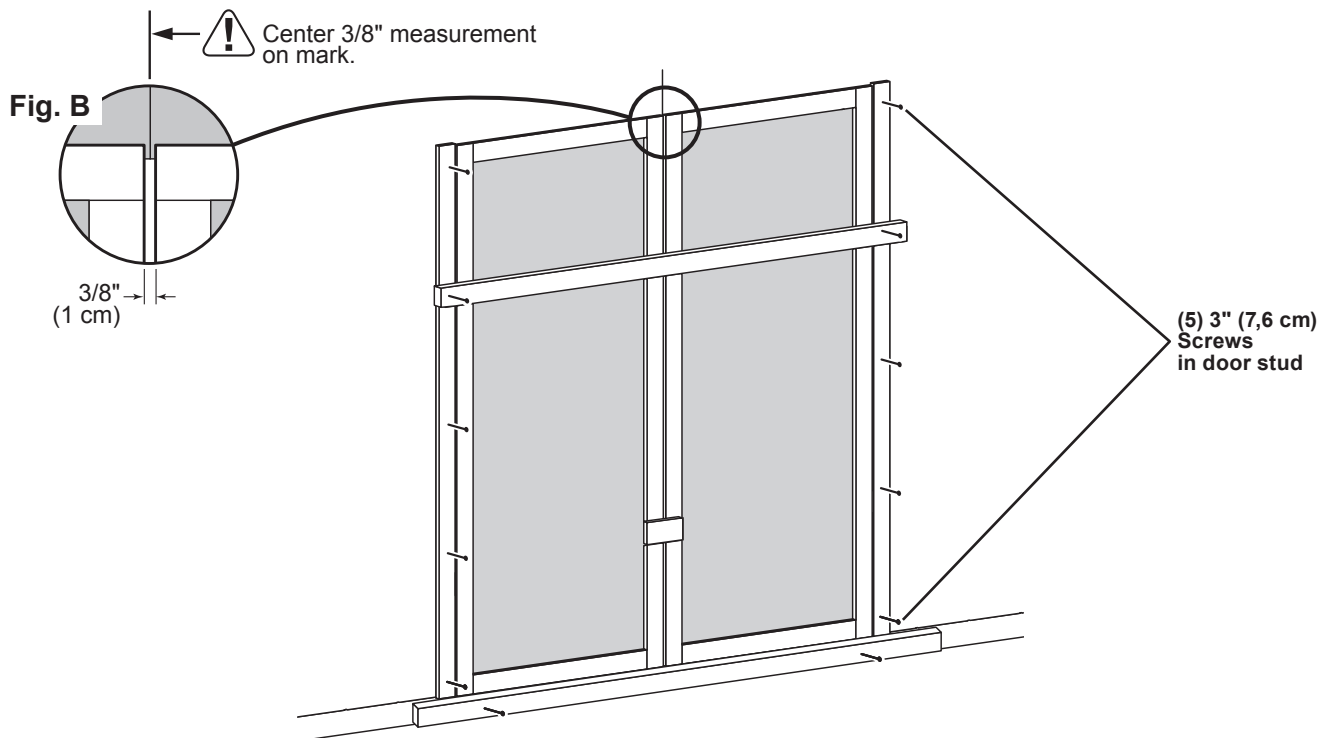
- 2 Install **OO** flush under panels.
Secure **OO** to floor frame with (2) 3" screws (**Fig. A**).
Mark center of door opening.



- 3 Center doors on mark (**Fig. B**).



- 4 Secure hinge boards into wall supports with (10) 3" screws, as shown.
 **Ensure screws go into framing.**



Remove temporary supports and check to make sure doors open and close properly.



Your doors are now installed.

DOOR TRIM

PARTS REQUIRED:

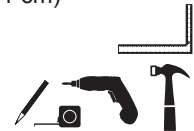
- x2 **AH**
19/32" x 2-1/2" x 26-5/8" (1,5 x 6,3 x 67,6 cm)
- x1 **ZJ**
19/32" x 2-1/2" x 72" (1,5 x 6,3 x 183 cm)

3/4" (1,9 cm) x11
Bagged separately / special coating

x1 64" Metal Threshold

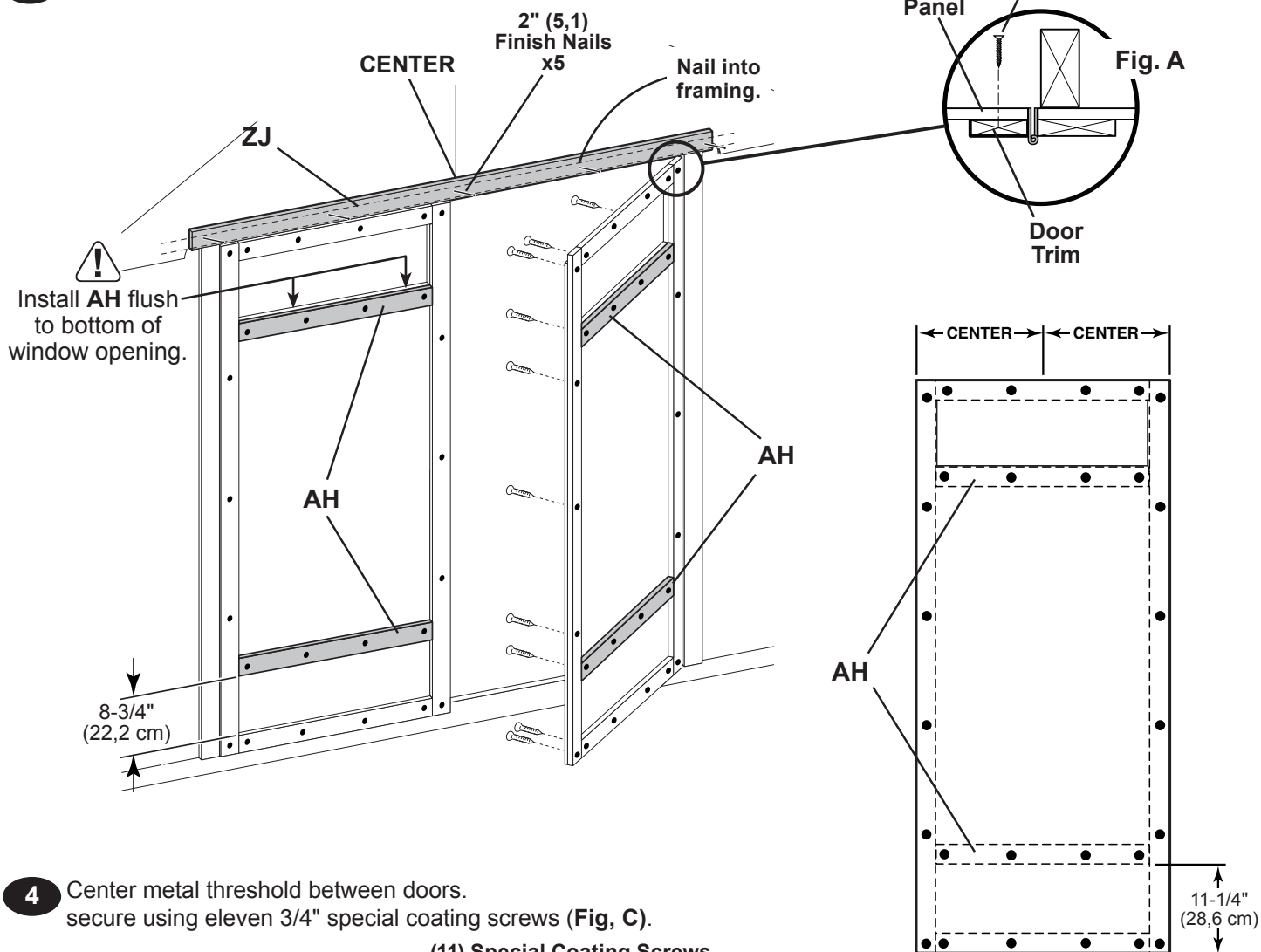
x5 2" (5,1 cm)

x56 3/4" (1,9 cm)



BEGIN

- 1 Reinforce the door trim with 3/4" screws through door panel into trim (Fig. A, Fig. B).
- 2 Secure horizontal door rails **AH** with 3/4" screws from inside of doors, as shown.
- 3 Center trim **ZJ** over doors and secure with (5) 2" finishing nails into framing.



- 4 Center metal threshold between doors. secure using eleven 3/4" special coating screws (Fig. C).

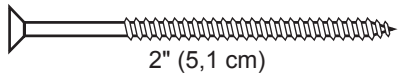


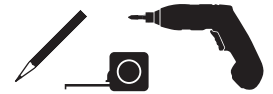
Your double door trim and threshold are now installed.

DOUBLE DOOR STIFFENERS

PARTS REQUIRED:

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

x12 
2" (5,1 cm)



✓ BEGIN

- Center **OO** vertically on the left door in the door opening flush with the edge of door (**Fig. A**).
Secure with (6) 2" screws through outside trim into **OO** (**Fig. B**)

Repeat to install OO on right door.

Fig. A

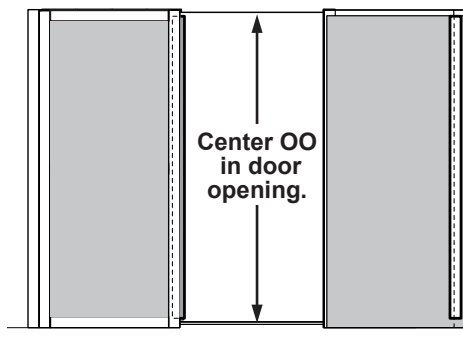
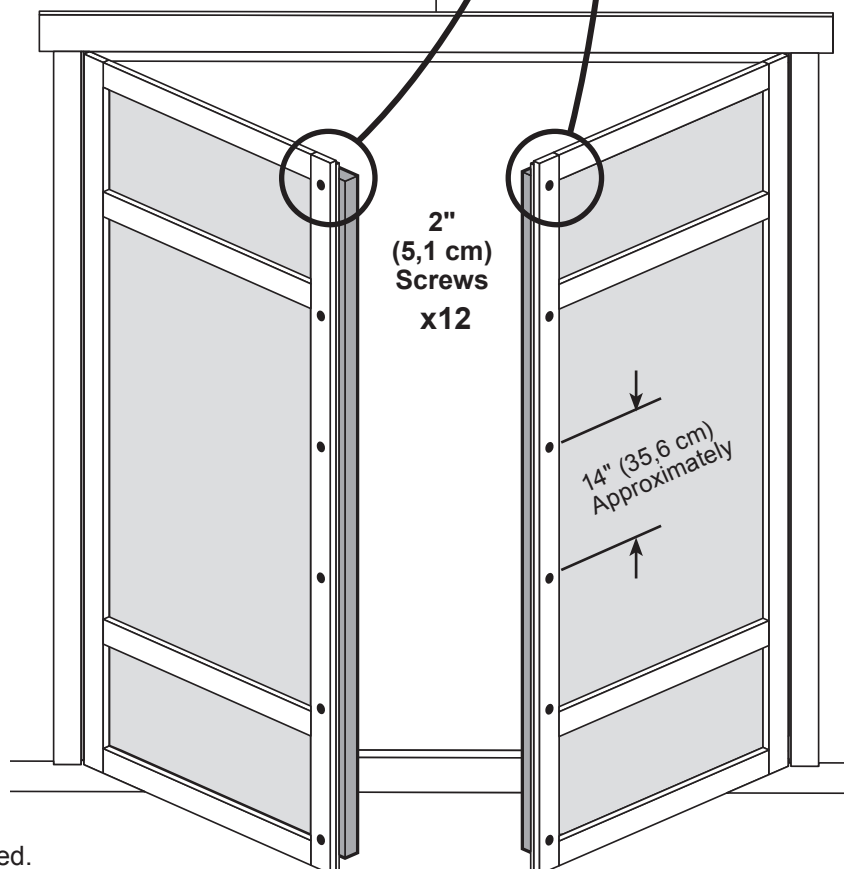
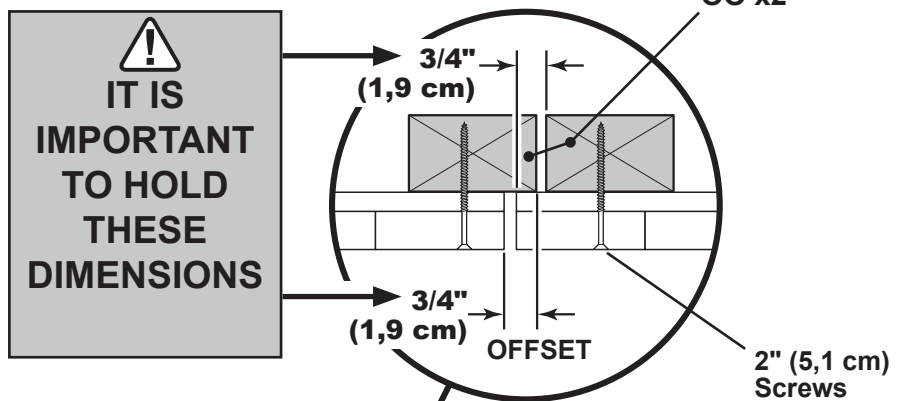


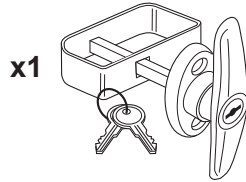
Fig. B



Your door stiffeners are now installed.

DOUBLE DOOR HARDWARE

PARTS REQUIRED:



x1 4" Shaft

x2 1-1/2" (3,8 cm)



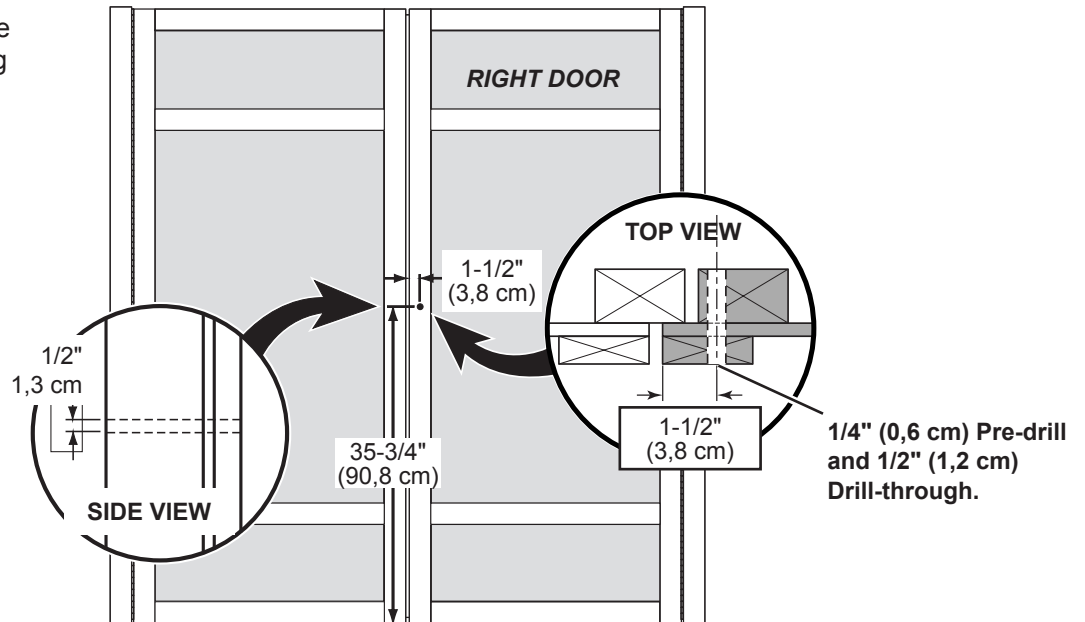
✓ BEGIN

- 1 Measure and mark location of hole on outside of right door (**Fig. A**).
Pre-drill pilot hole with 1/4" drill.

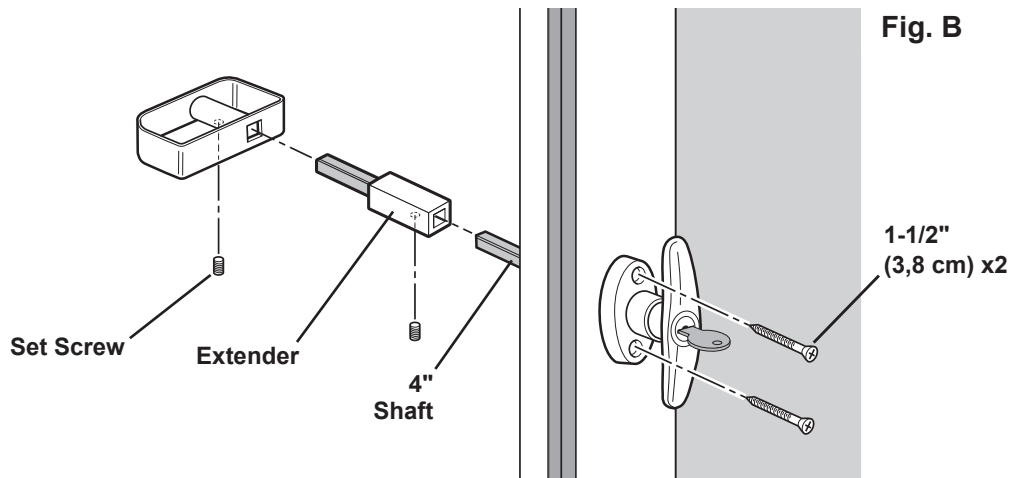
Pre-drill through hole with 1/2" drill.



Keep drilled hole square to trim to avoid breaking edge of door stiffeners.



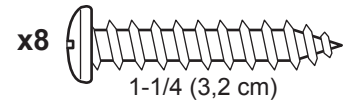
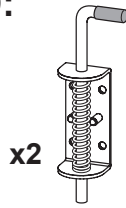
- 2 Insert shaft in hole and secure handle with 1-1/2" screws (**Fig. B**).
Install extender over shaft. Attach inside handle and secure extender and handle with set screws.



Your door handle is now installed.

DOUBLE DOOR HARDWARE

PARTS REQUIRED:



✓ **BEGIN**

- 1 Flush and center top spring bolt at the top of **OO** (Fig. A). Secure with (4) 1-1/4" screws.
Mark spring bolt pin location on over door frame. Drill a 1-1/2" deep hole using a 3/8" drill bit.

- 2 Flush and center bottom spring bolt to bottom of **OO** (Fig. B). Secure with (4) 1-1/4" screws.
Mark spring bolt pin location on floor.
Drill a 1-1/2" deep hole using a 3/8" drill bit.

Fig. A

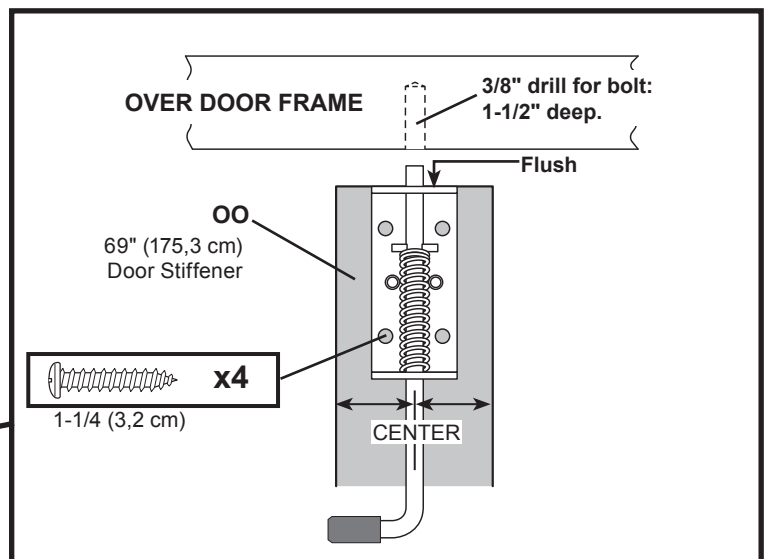
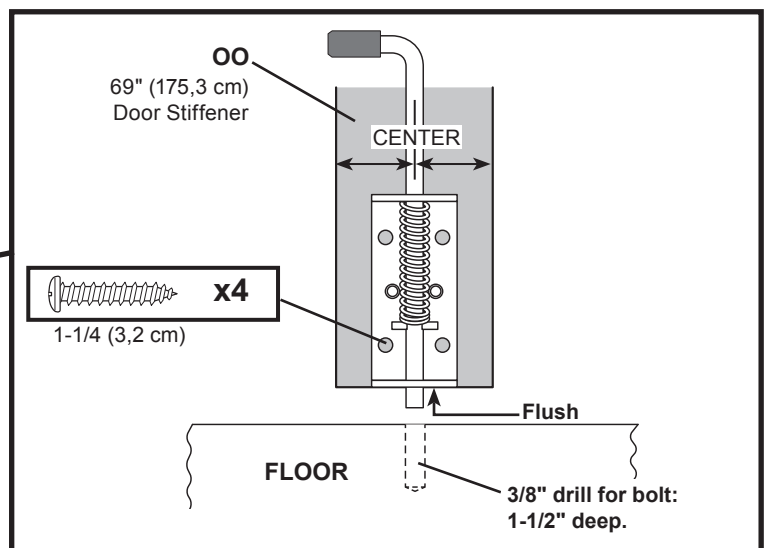


Fig. B



Your spring bolts are now installed.

SINGLE DOOR - FRONT WALL

PARTS REQUIRED:

SIDE DOOR

x1

A diagram of a side door, which is a vertical rectangular panel with a light gray fill and a thin black border.

x5  3" (7,6 cm)



✓ BEGIN

- 1 Center single door in wall panel opening. Hold door in position and keep level.

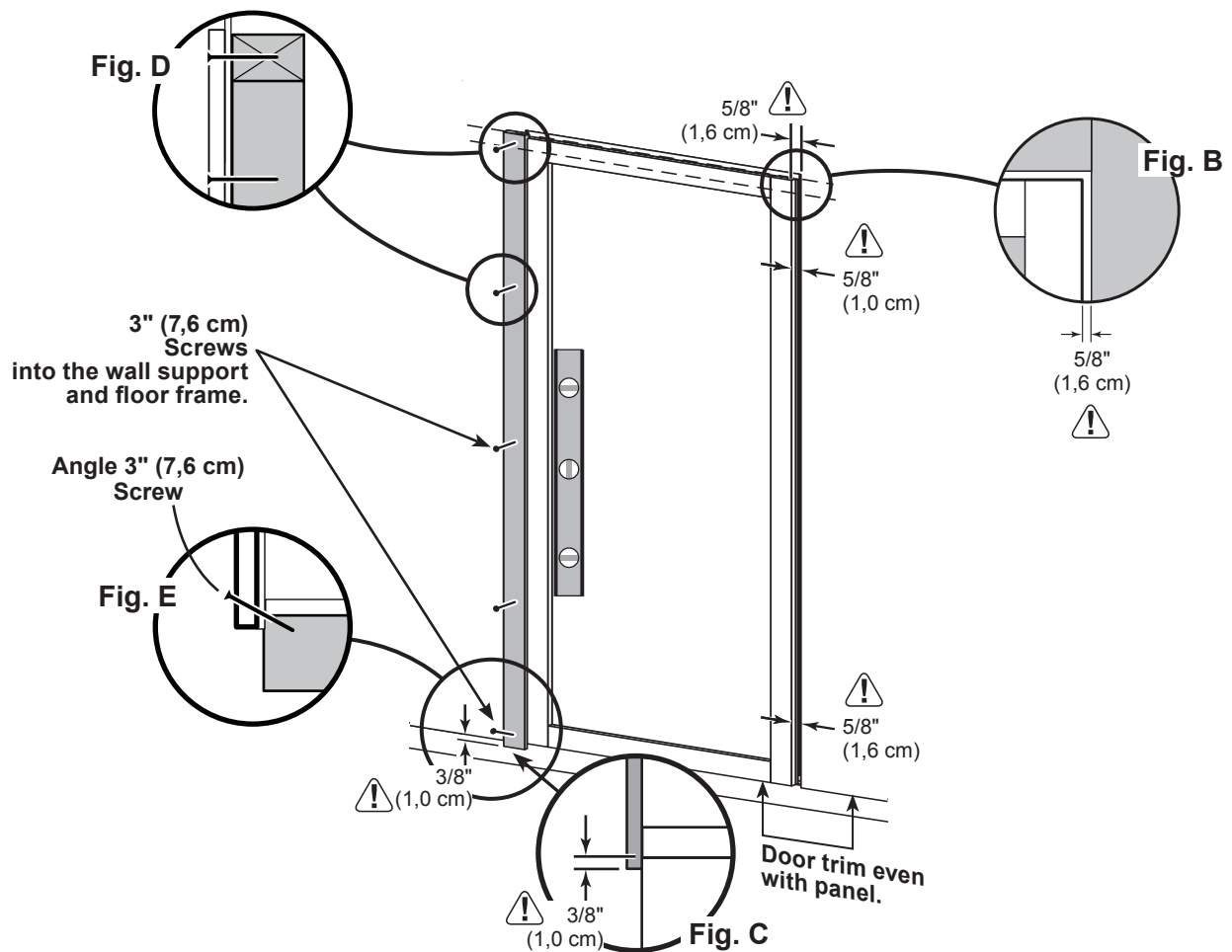


- 2** Measure Gap (**Fig. B**) between door trim and wall panel, as shown. Hold door in position and keep level.

 Hinge-board must overhang wall panel at measurement shown (Fig. C).
Bottom of door trim is even with wall panel.

- 3** Secure hinge board to wall framing and floor with (5) 3" screws.

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



Your single door is now installed.

SINGLE DOOR TRIM

PARTS REQUIRED:

- x2 AH** 19/32" x 2-1/2" x 26 5/8" (1,5 x 6,3 x 67,6 cm)
x1 ZJ 19/32" x 2-1/2" x 72" (1,5 x 6,3 x 183 cm)
x1 GEA 2 x 2-1/2 x 39-3/8" (5,1 x 6,3 x 100 cm)

- x14** 2" (5,1 cm)
x28 3/4" (1,9 cm)



BEGIN

- 1 Secure door trim from inside with 3/4" screws (Fig. A).
- 2 Center and secure (2) horizontal door rails AH with (4) 3/4" screws from inside of door.
- 3 Reinforce the door trim with 3/4" screws through door panel into trim (Fig. A).
Locate screws as shown (Fig. B).

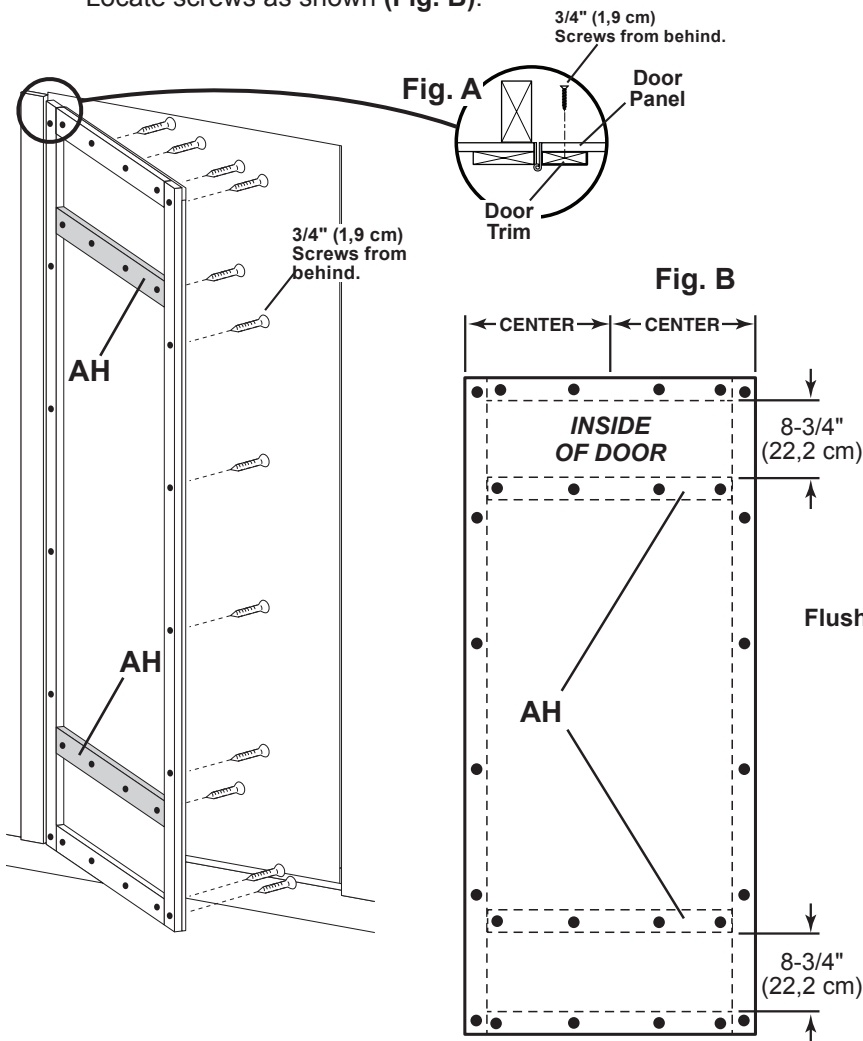
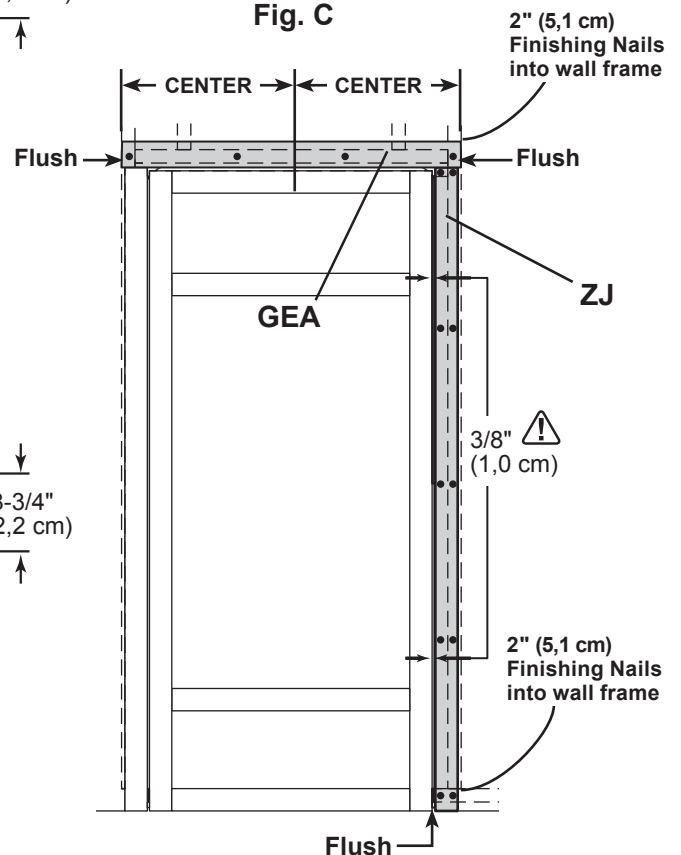


Fig. C



- 4 Flush ZJ with bottom of wall panel and single door (Fig. C).
Ensure 3/8" gap between door and trim (Fig. C).
Secure with 2" finish nails into framing.
- 5 Center trim GEA over door flush to hinge board and ZJ.
Secure with 2" finish nails into framing (Fig. D).



Your door trim is now installed.

DOOR STIFFENER & WEATHER STRIP

PARTS REQUIRED:

x1 **OO**

69" Door Stiffener (175,3 cm)

x2 **LRA**

1 x 4 x 69-3/4" (2,5 x 10,2 x 177,2 cm)

x20

2" (5,1 cm)

x6

2" (5,1 cm)

x1

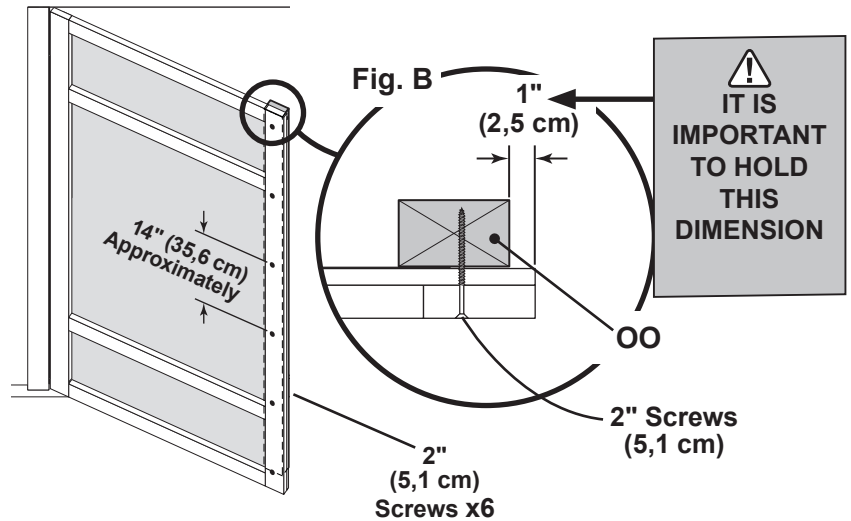
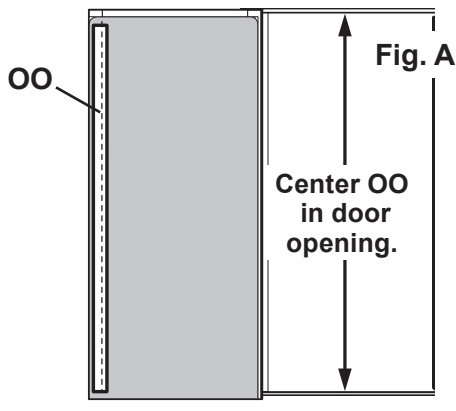
31-5/8" Metal Threshold

3/4" (1,9 cm) x6
Bagged separately / special coating

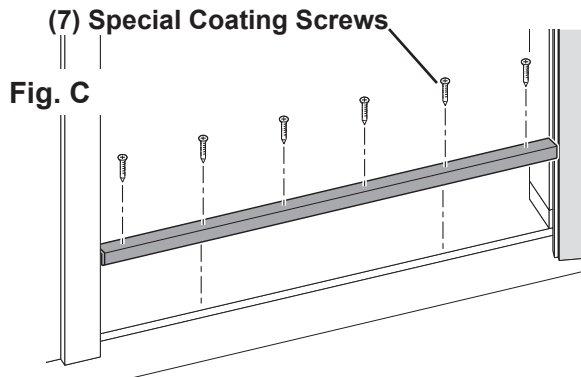


✓ BEGIN

- Center **OO** vertically on door in the door opening (**Fig. A**) 1" from edge of door (**Fig. B**). Secure with (6) 2" screws through outside trim into **OO** (**Fig. B**)

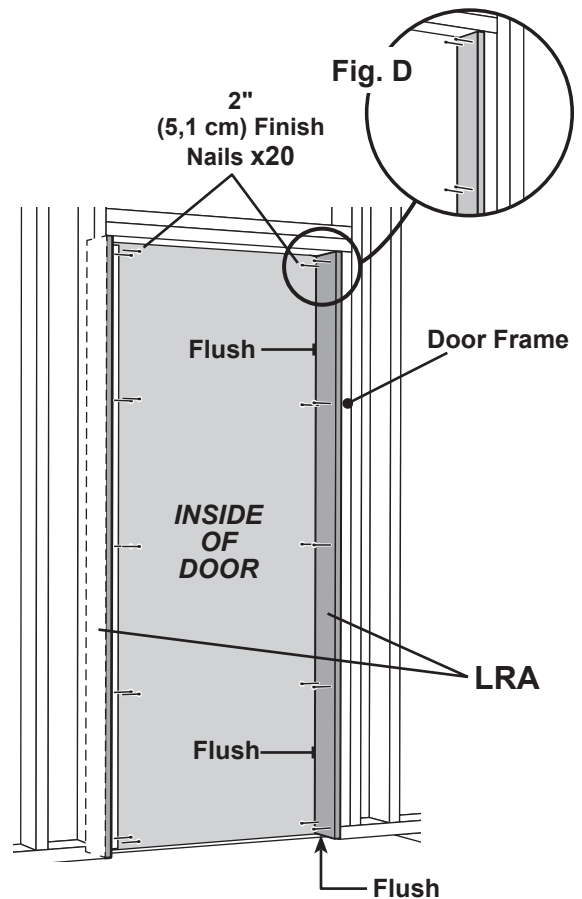


- Center metal threshold on floor in door opening and secure with 3/4" special coating screws into floor (**Fig. C**).



- Hold **LRA** tight against inside of door (**Fig. C**). Secure **LRA** with 2" finish nails into right door frame, as shown.

Repeat step 3 to install LRA on other side of door opening.



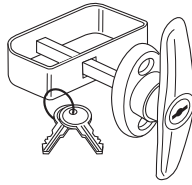
Your door stiffener, threshold and weatherstrips are now installed.

DOOR HARDWARE - SINGLE DOOR

PARTS REQUIRED:

x2 1-1/2" (3,8 cm)

x1



x1 4" Shaft

x1 Extender



1/2" (13 mm) Drill Bit

1/4" (6 mm) Drill Bit



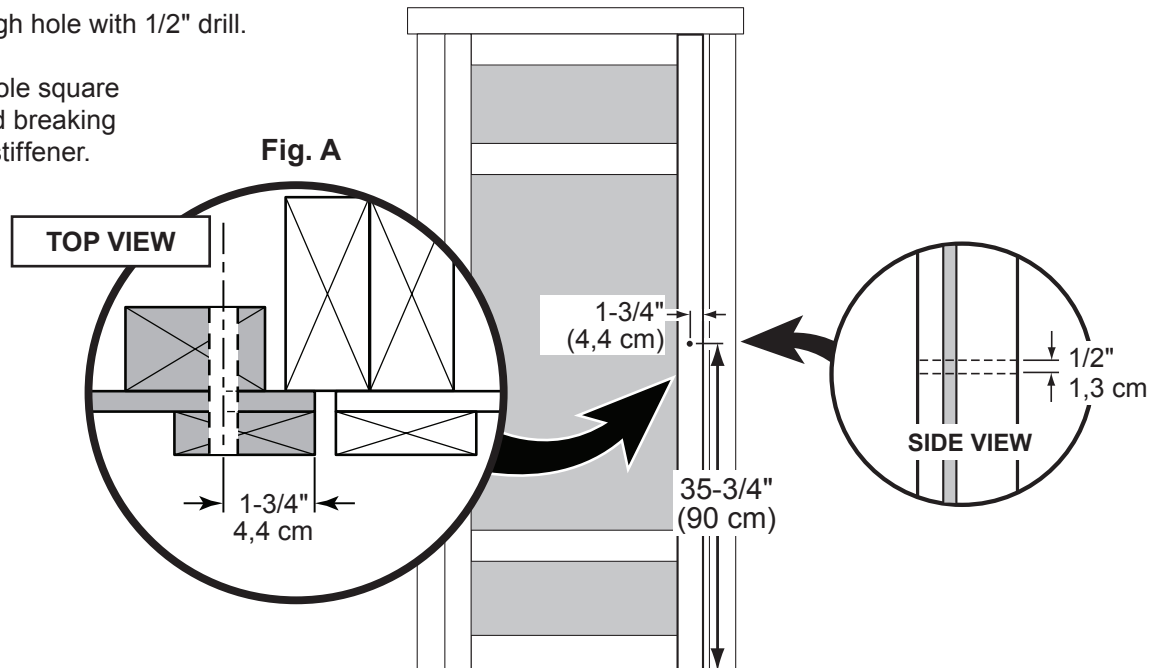
✓ BEGIN

- 1 Measure and mark location of hole on outside of door as shown (Fig.A).
Pre-drill pilot hole with 1/4" drill.

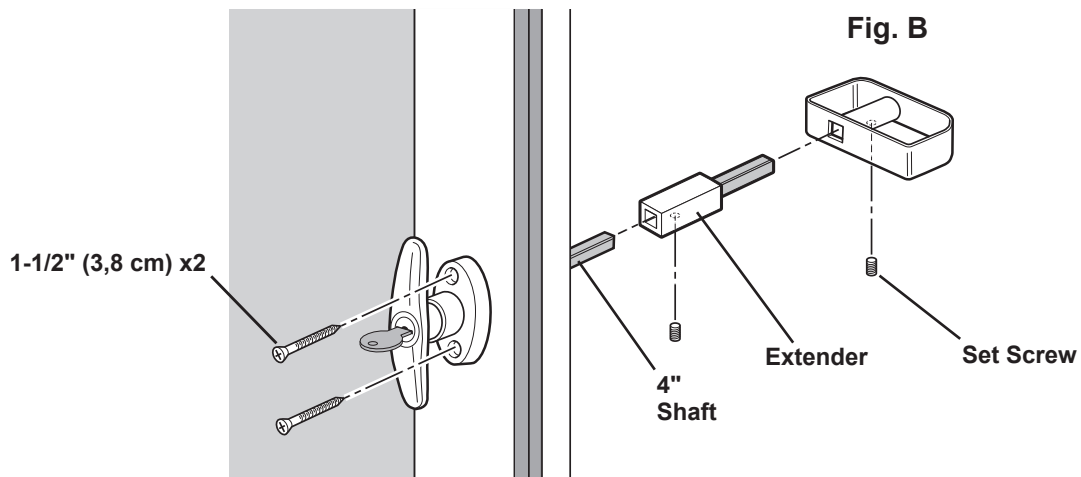
Pre-drill through hole with 1/2" drill.



Keep drilled hole square to trim to avoid breaking edge of door stiffener.



- 2 Insert shaft in hole and secure handle with 1-1/2" screws (Fig. B).
Install extender over shaft. Attach inside handle and secure extender and handle with set screws, as shown.



Your door handle is now installed.

CORNER TRIM

PARTS REQUIRED:

- x4**  3/8 x 2-1/2 x 82-1/2" (1 x 6,3 x 209,6 cm)
- x4**  3/8 x 2-1/2 x 81-7/8" (1,0 x 6,3 x 208 cm)



x48

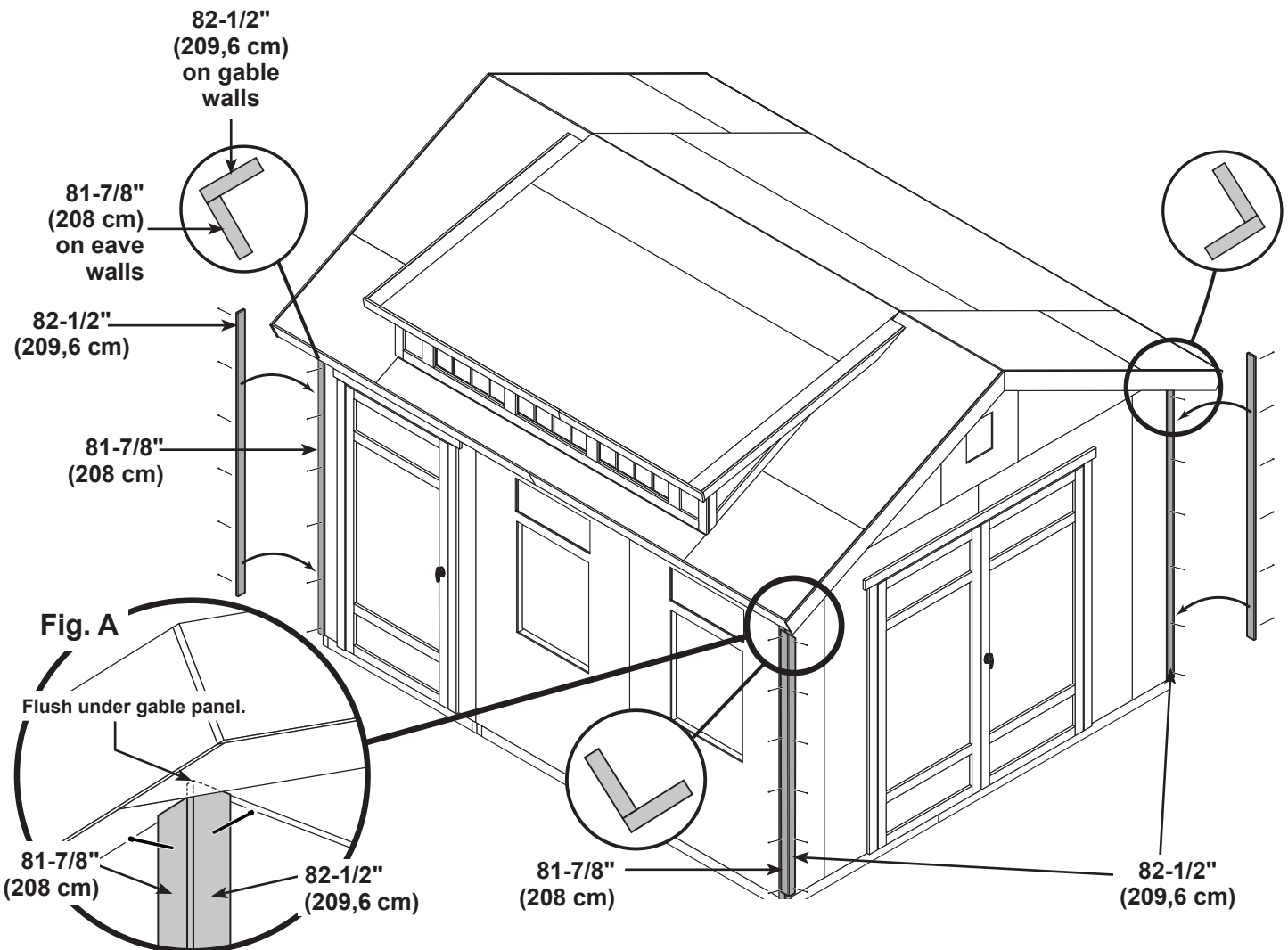
2" (5,1 cm)

✓ BEGIN

- 1** Install (1) 81-7/8" trim board flush under soffit panel and against eave wall with (1) 2" finishing nail at top, as shown.
- 2** Install 82-1/2" trim board flush along edge of 81-3/4" trim board and flush under gable panel. Secure with (1) 2" finishing nail at top, as shown.

Secure trim flush to corners (**Fig. A**) with (6) 2" finishing nails evenly spaced.

Repeat steps to install trim at all (4) corners.



FINISH

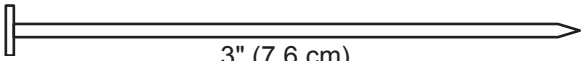
Your corner trim is now installed.

LOFT

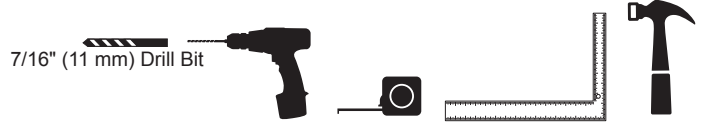
PARTS REQUIRED:

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

x2 **TP**
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

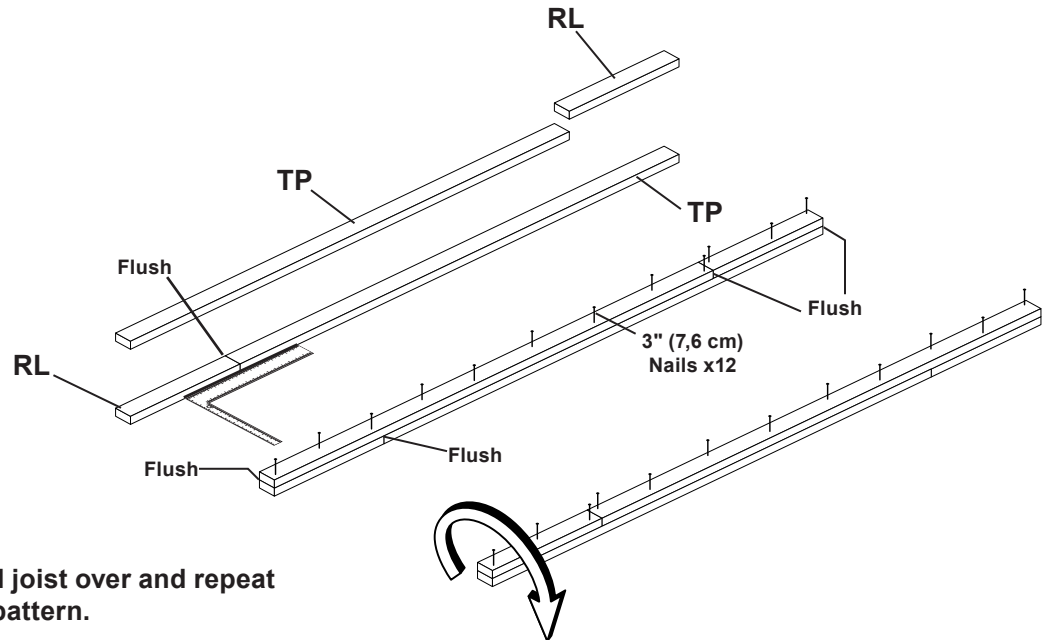
x24  3" (7,6 cm)

7/16" (11 mm) Drill Bit



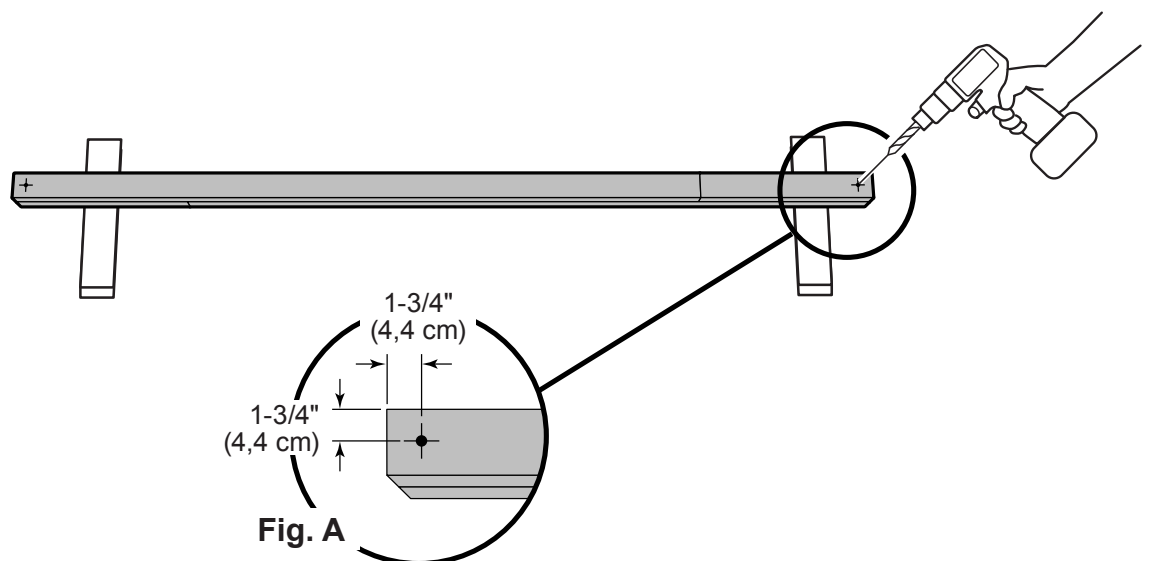
✓BEGIN

- 1 Orient parts **TP** and **RL** on a flat surface. Hold parts **TP** and **RL** flush and aligned. Assemble joist with 3" nails in a staggered pattern.



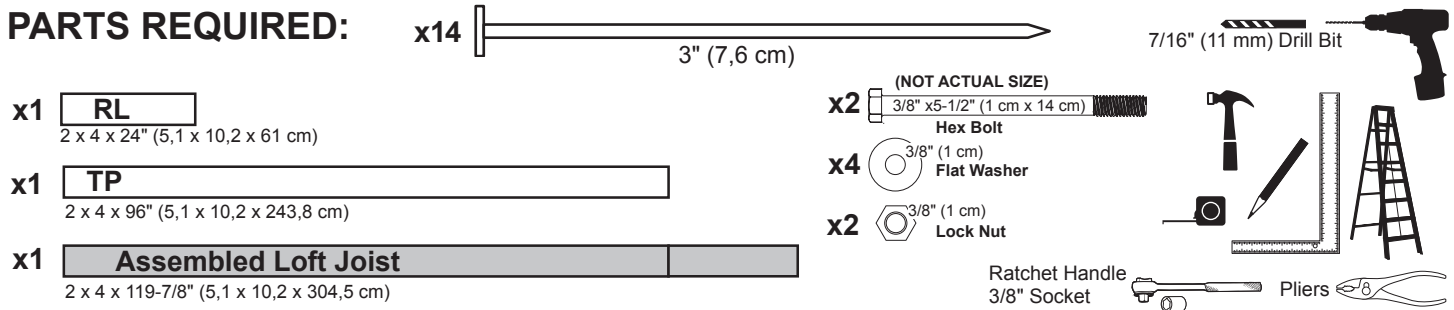
Turn assembled joist over and repeat staggered nail pattern.

- 2 Support joist and drill a 7/16" hole through each end of each end as shown (Fig. A).

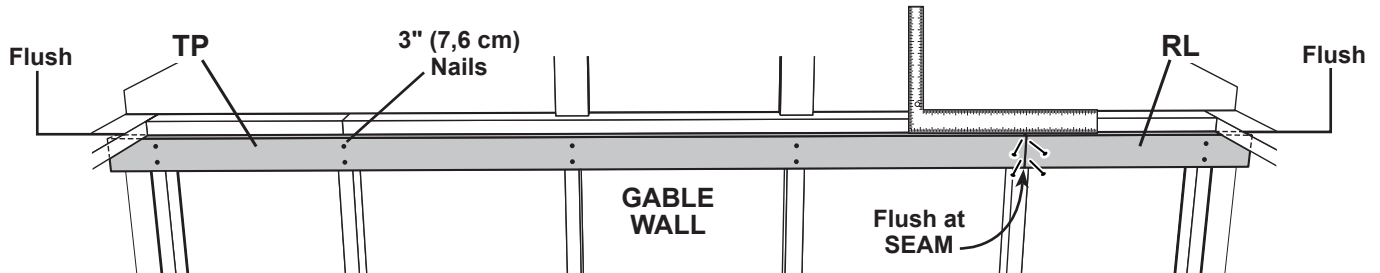


LOFT

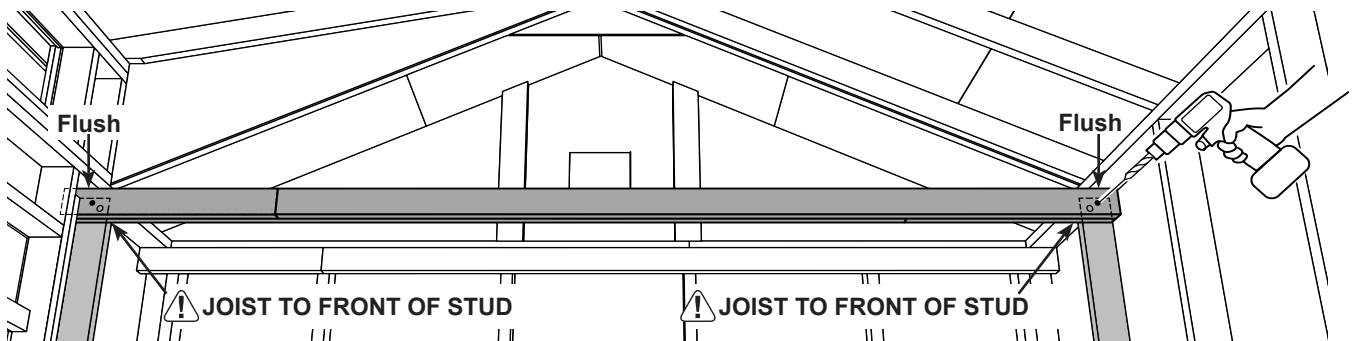
PARTS REQUIRED:



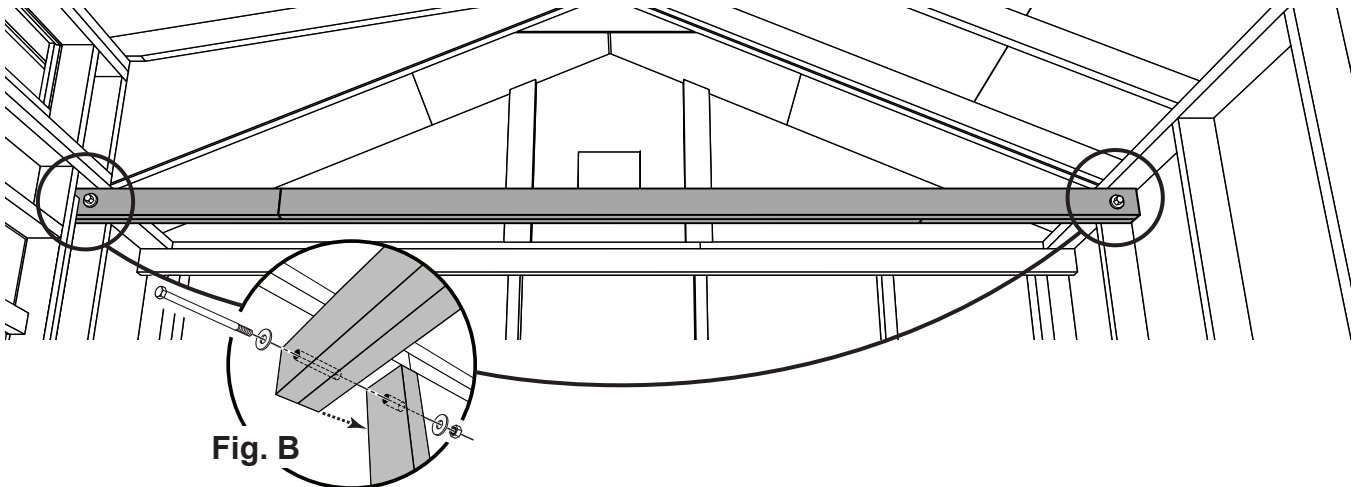
- 3 Locate **TP** and **RL** flush to bottom of top plate and aligned at seam.
Secure with 3" nails at wall studs and seam.



- 4 Clamp or hold **Assembled Loft Joist** in place flush against 1st studs from back wall.
Ensure **Assembled Loft Joist** is flush beneath top plates.
Drill through wall stud with 7/16" drill bit using hole in **Pre-Assembled Loft Joist** as a guide.



- 5 Line up holes of **Assembled Loft Joist** with holes in crippler and stud.
Secure joist with hex bolts, flat washers and lock nuts at both sides (**Fig. B**).
Tighten lock nuts securely.



LOFT

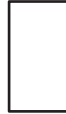
PARTS REQUIRED:

x1



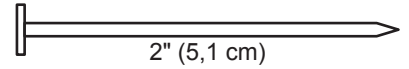
7/16 x 23-7/8" x 96"
(1,1 x 60,6 x 243,8 cm)

x1

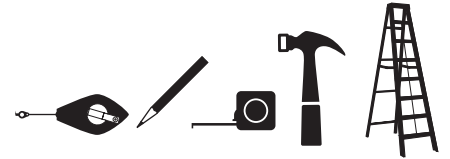


7/16 x 15-7/8" x 23-7/8"
(1,1 x 40,3 x 60,6 cm)

x20



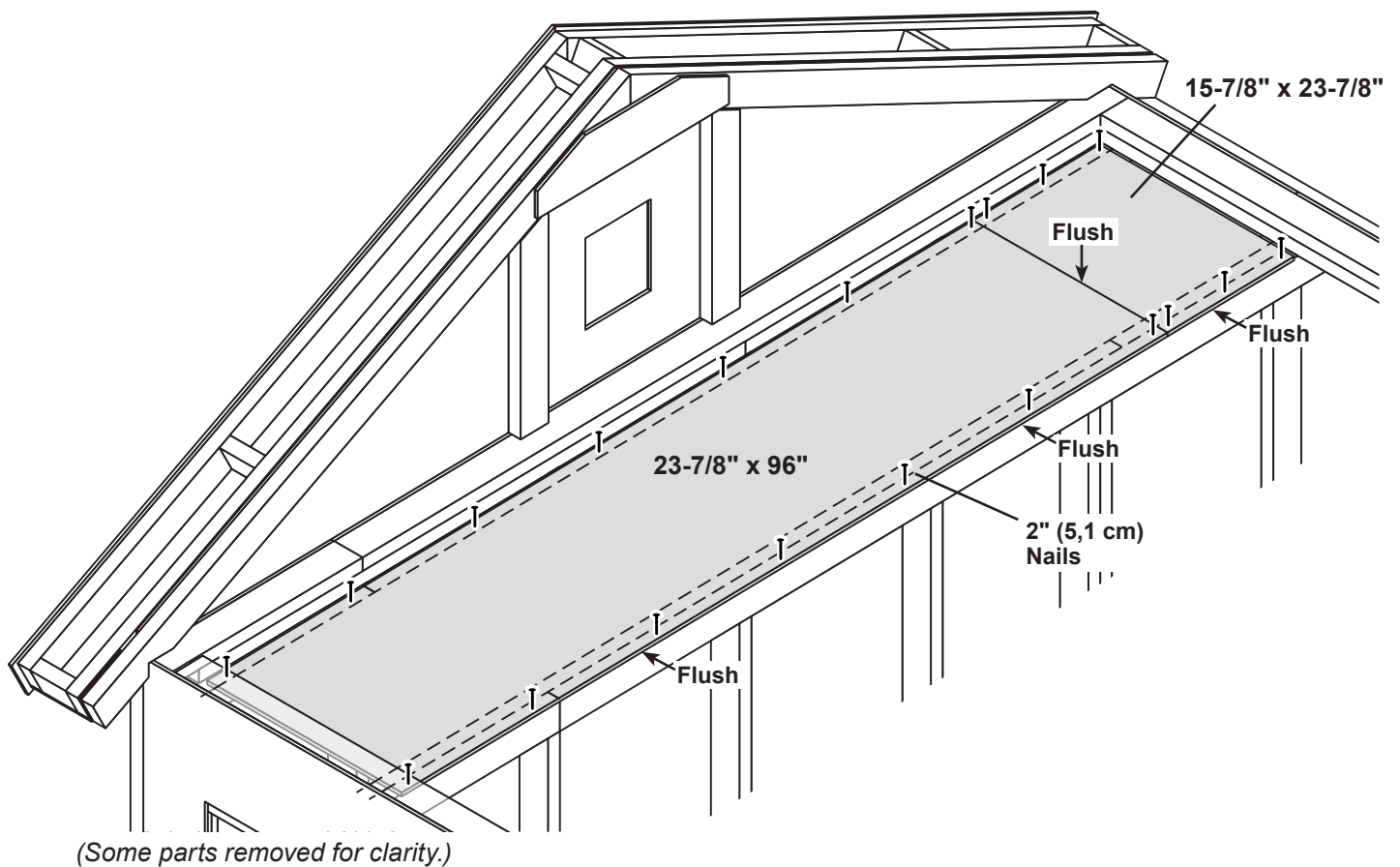
2" (5,1 cm)



6

Install loft panels centered over loft joists.
Secure with 2" nails evenly spaced.

(There will be small gap on either side).



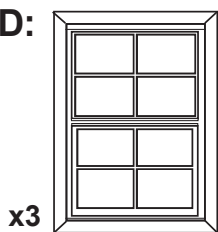
Attention:
Load not to exceed
400 lbs (181 kg) evenly
distributed across loft.



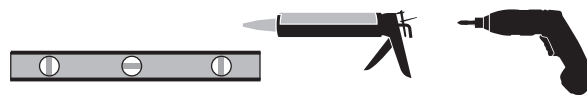
You have now finished building your loft.

LARGE WINDOWS

PARTS REQUIRED:



x12 1-5/8" (4,1 cm)



✓ BEGIN

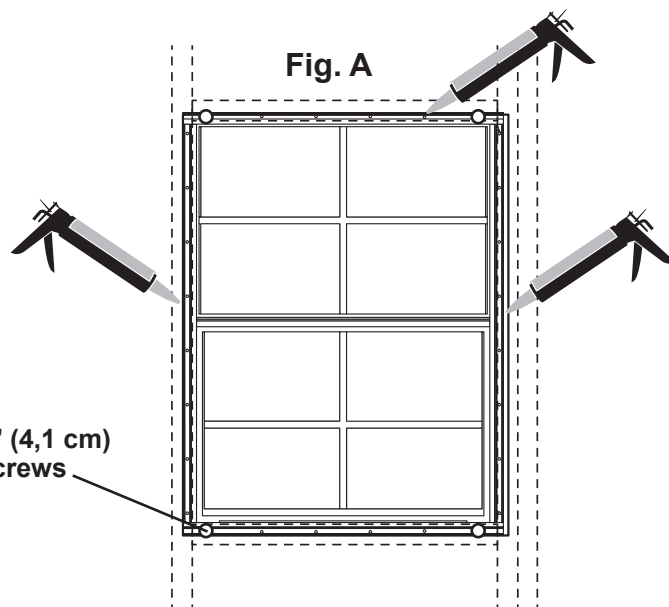
1 Place window in center of window cutout as shown.

Seal window by caulking behind frame with high-quality exterior-grade caulk before installing.

Secure window with (4) 1-5/8" screws, as shown. Ensure window is level.

Repeat to install (2) more large windows.

1-5/8" (4,1 cm)
Screws



You must caulk around windows to validate your warranty.



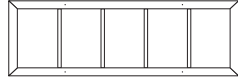
FINISH

Your large windows are now installed.

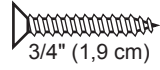
TRANSOM WINDOWS

PARTS REQUIRED:

x3



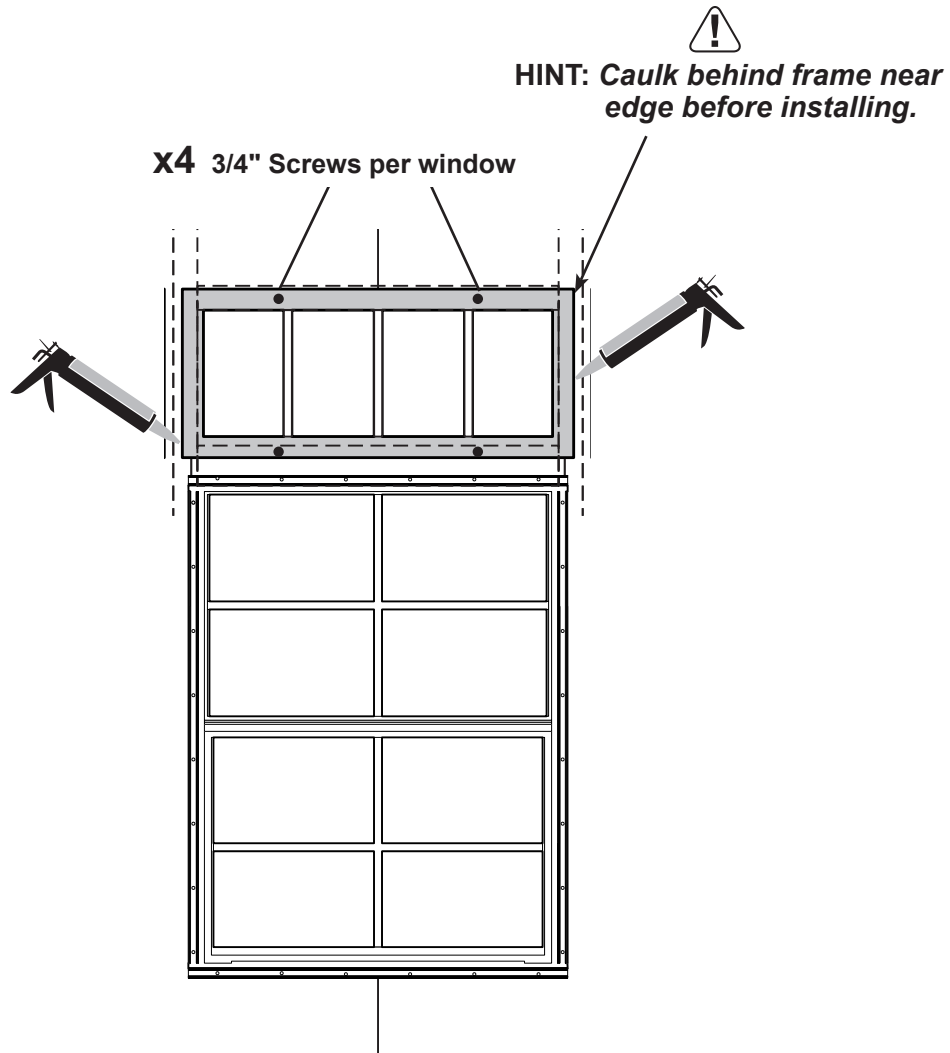
x12



✓ BEGIN

1 Seal windows with high-quality exterior-grade caulk before installing.

Secure windows with 3/4" screws as shown.



You must caulk around windows to validate your warranty.



Your transom windows are now installed.

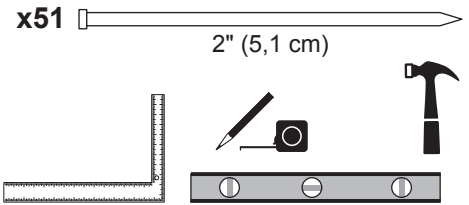
WINDOW TRIM

PARTS REQUIRED:

x6 **ROR**
19/32 x 2-1/2 x 28-1/2" (1,5 x 6,3 x 72,4 cm)

x3 **QOD**
19/32 x 2-1/2 x 22-1/2" (1,5 x 6,3 x 57,1 cm)

x6 **EJB**
19/32 x 2-1/2 x 43-3/4" (1,5 x 6,3 x 111,1 cm)



Install all window trim parts with primed side facing out.



Do not nail in metal window frames.

✓ BEGIN

1

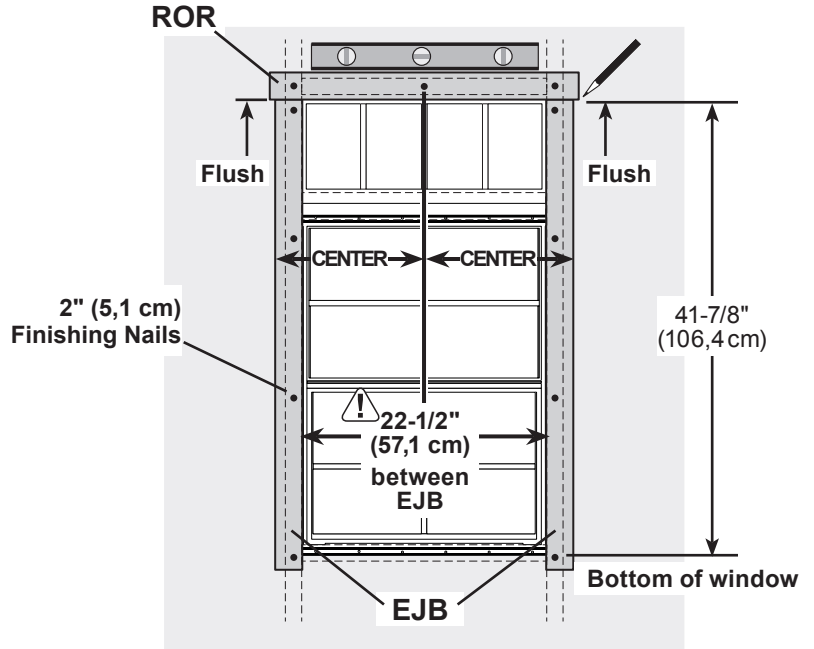
Measure up from bottom edge of lower window and mark, as shown.

Align **ROR** to mark and install level and centered over window. Secure with 2" finishing nails into wall framing.

2

Install (2) **EJB** flush to **ROR** and hold measurement at 22-1/4" (56,5 cm) between parts **EJB**, as shown.

Secure with 2" finishing nails.



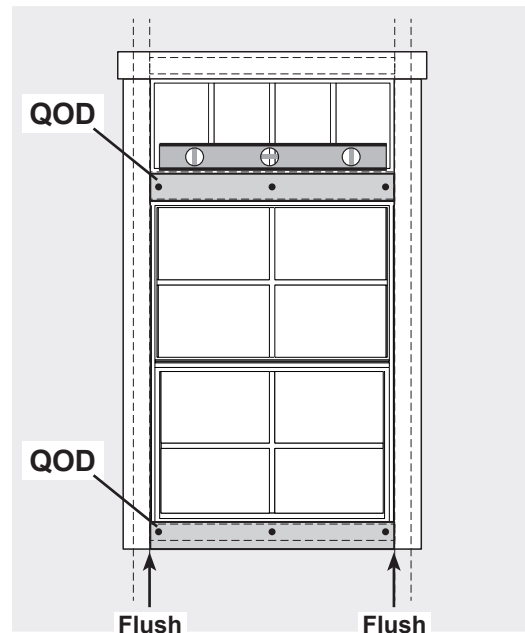
3

Install (2) **QOD** level between installed trim **EJB**. Install upper **QOD** between the panel window cutouts. Install lower **QOD** flush to bottom of **EJB**. Secure with 2" finishing nails into wall framing.

Repeat steps to install window trim at 2 additional window locations.

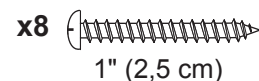


Your window trim is now installed.



GABLE VENTS

PARTS REQUIRED:

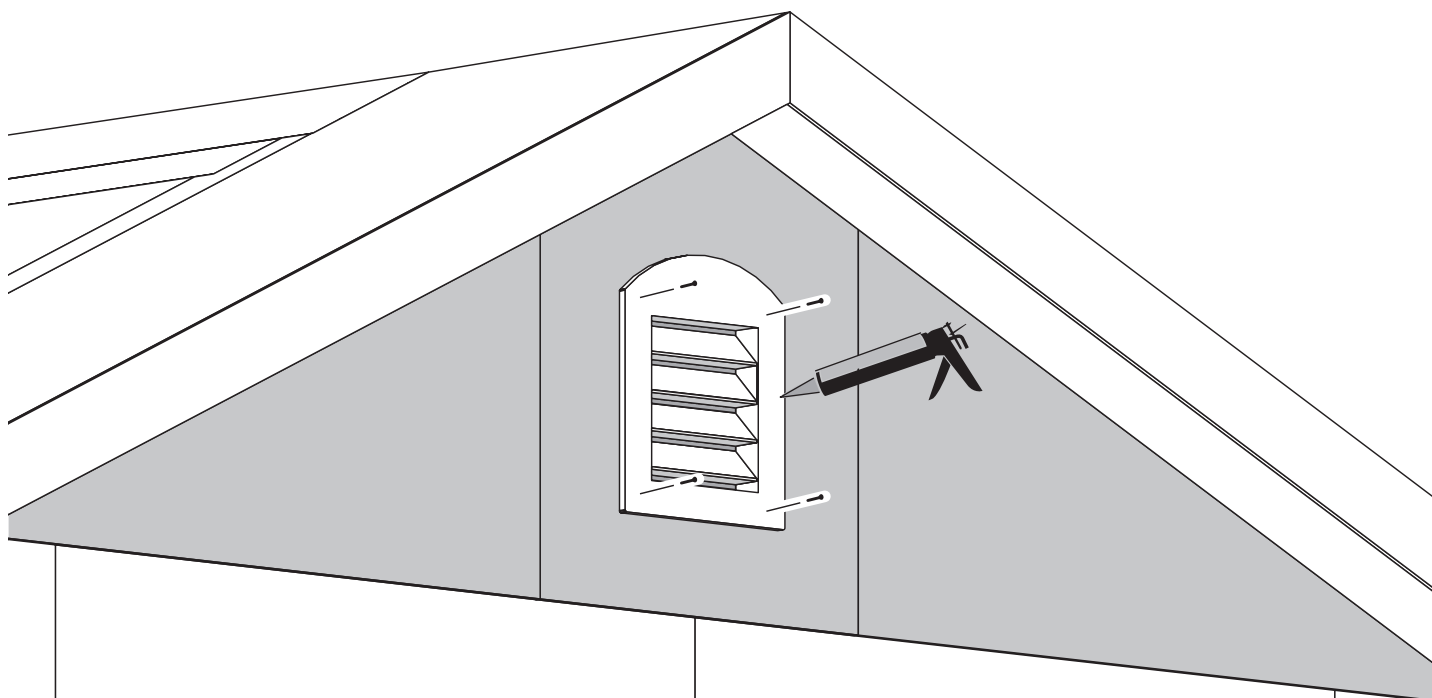


✓ BEGIN

- 1 Install (1) vent in each gable.

Caulk behind vent flanges.

Secure with 1" screws.



Repeat to install vent in opposite gable.



FINISH

Your gable vents are installed.

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

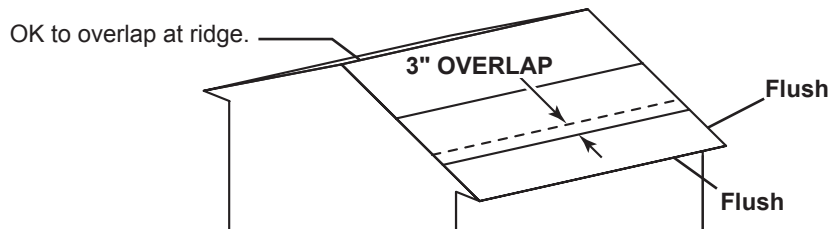
Note:

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.

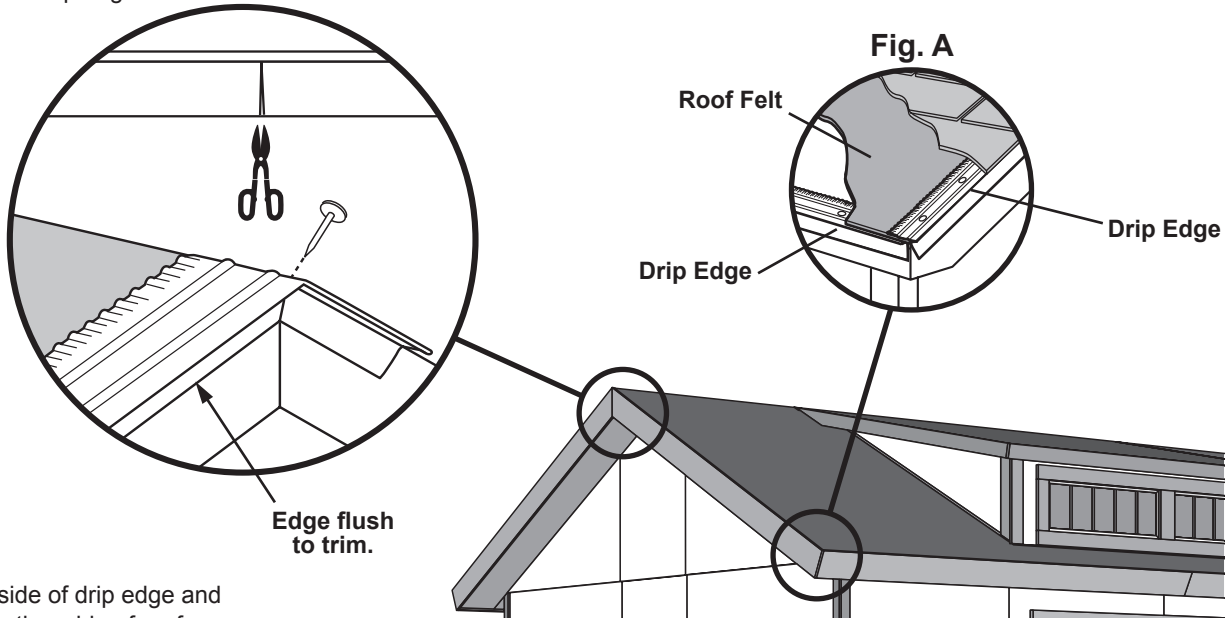


DRIP EDGE

- NOT INCLUDED -



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



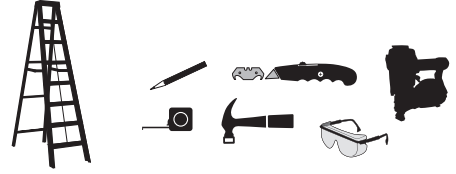
Snip bottom side of drip edge and
bend over to other side of roof.

(Follow directions provided by manufacturer.)

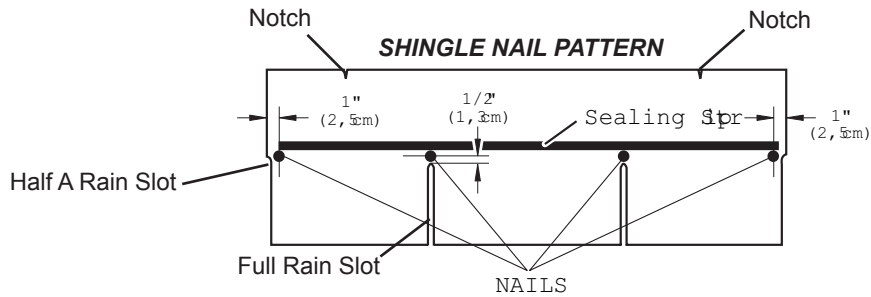
SHINGLES

- NOT INCLUDED -

- Follow directions provided by manufacturer and these instructions.



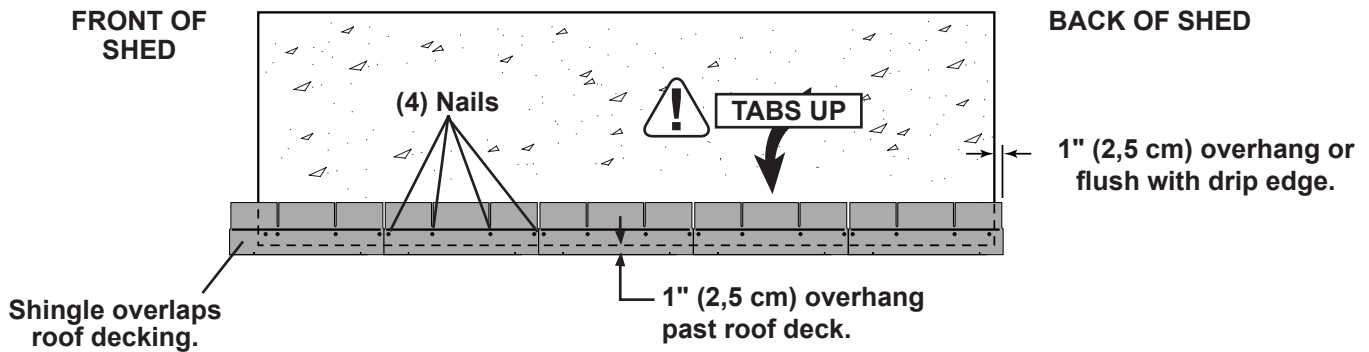
- ⚠ Familiarize yourself with a 3-Tab Shingle.



- ⚠ NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

✓ BEGIN

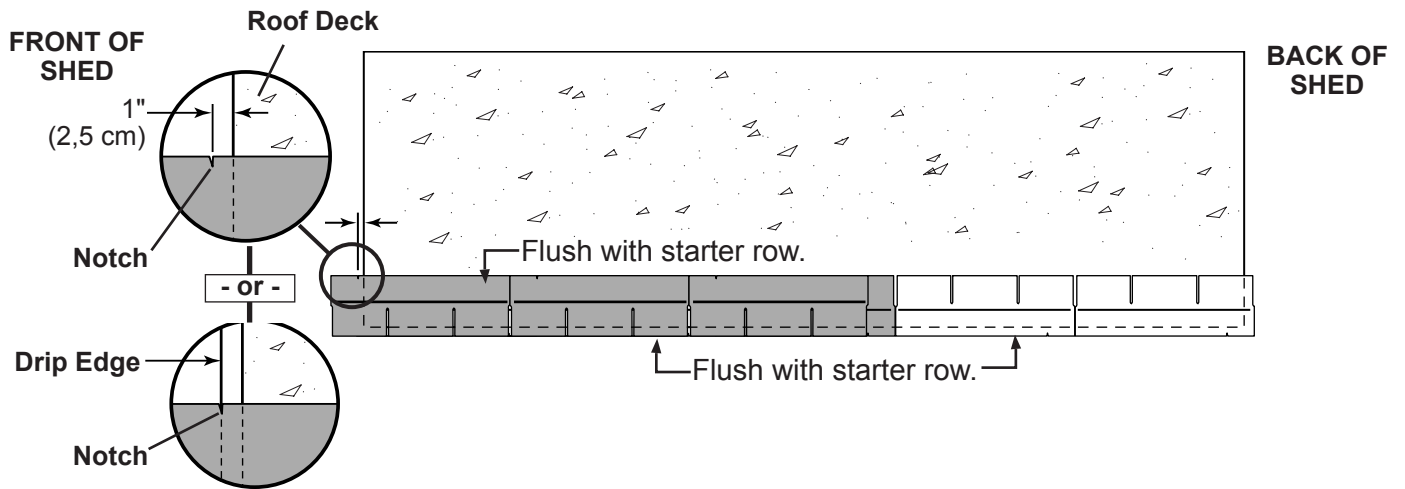
- 1 Install first starter row upside down and color up with a 1" overhang at back and bottom of roof panel. Use (4) nails per shingle. **Starter row must be straight and level all the way across with lower edge of roof deck.**
NOTE: If you have installed drip edge install shingles flush to drip edge.



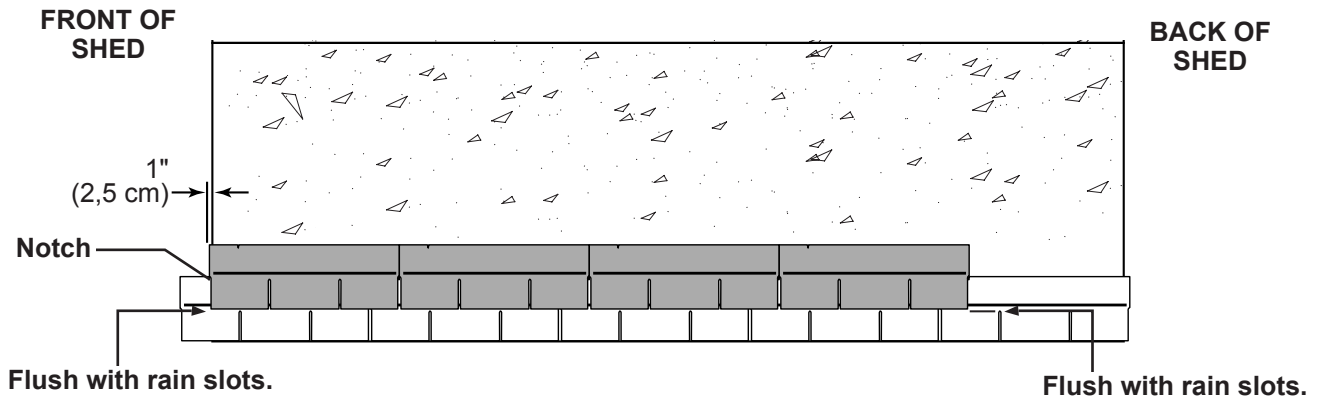
SHINGLES

continued...

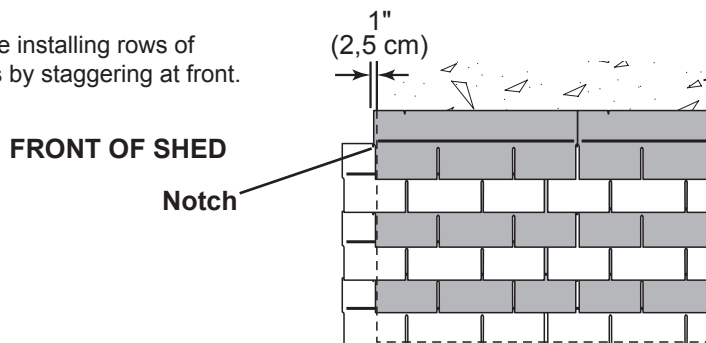
- 2** Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



- 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.



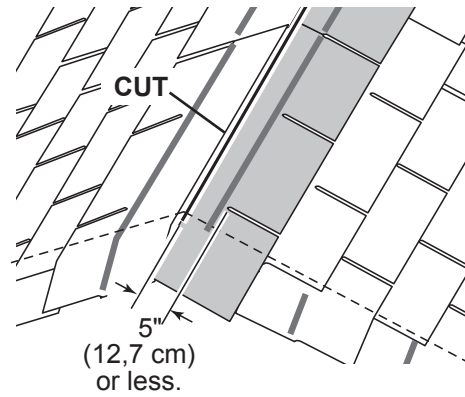
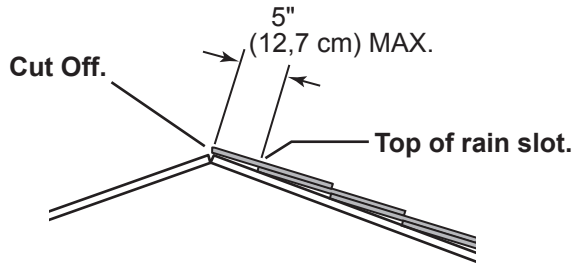
- 4** Continue installing rows of shingles by staggering at front.



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.

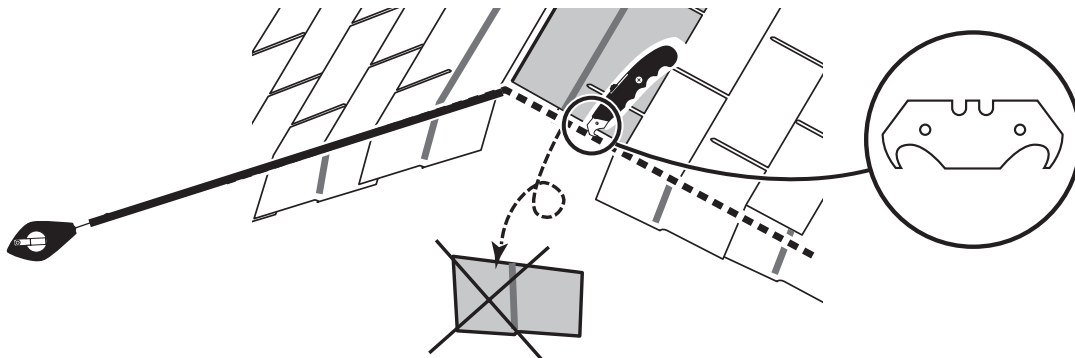


- !** • If more than 5" to rain slot you must install another row of shingles.

- 6** Repeat STEPS 1 - 5 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.

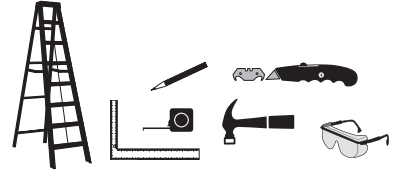


You have finished shingling your roof. Proceed to capping the ridge.

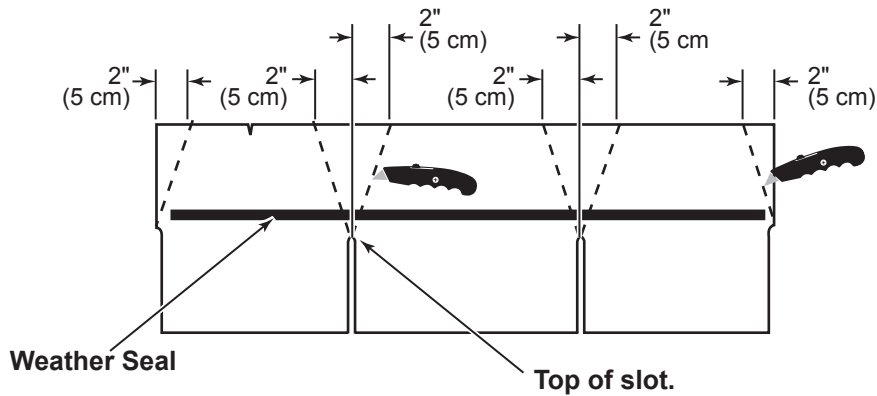
SHINGLES - RIDGE CAP

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

✓ **BEGIN**



- 1** Cut shingles into (3) pieces. **Hint:** Use cut-off pieces first.

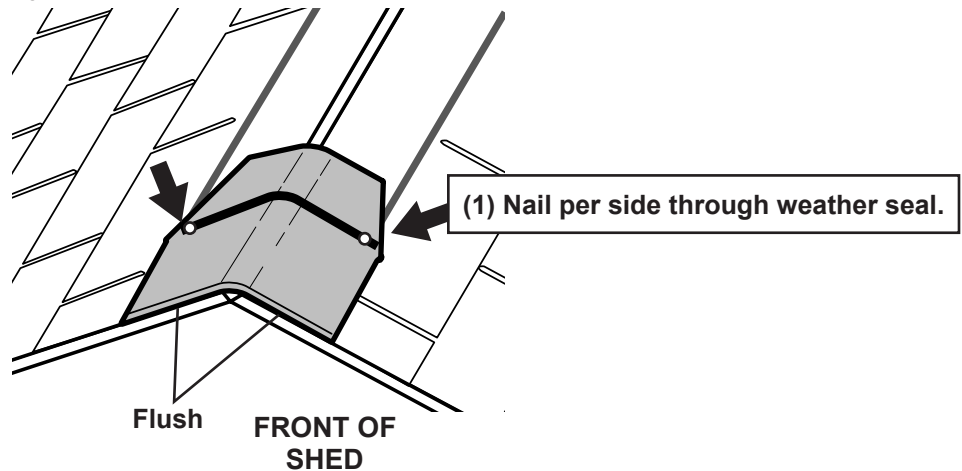


Score shingle,
then snap-off angled cut.

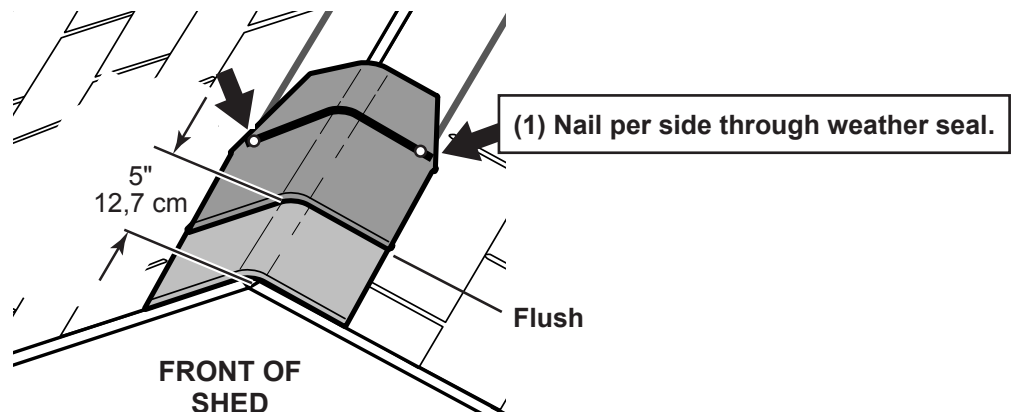
Note: • You will need about 33-35 cut pieces.

**33 to 35
Pieces**

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



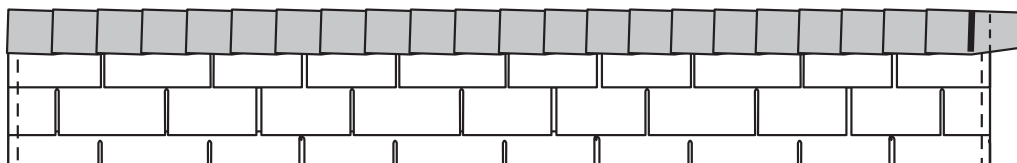
- 3** Install second ridge cap 5" back, as shown.



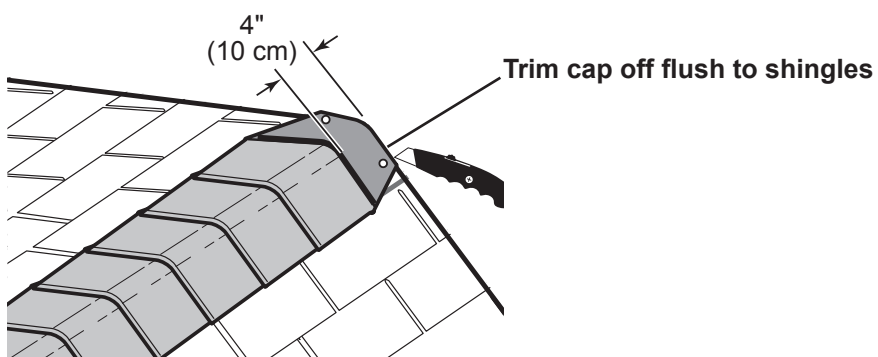
SHINGLES - RIDGE CAP

continued...

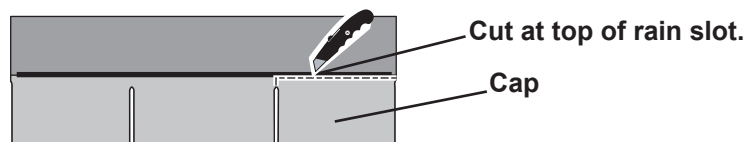
- 4 Continue installing ridge cap to back of roof.



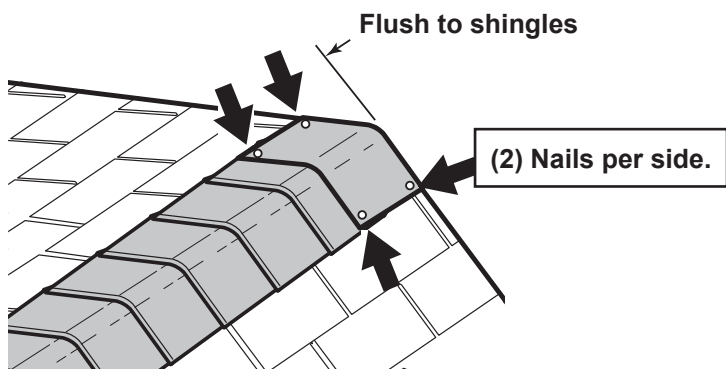
- 5 Make sure there is 4" between the shingle-color and edge of shingles.



- 6 When you have 4" minimum of shingle color cut (1) piece to cap your roof.



- 7 Install flush to shingles.



You have finished your ridge cap.

16960-B 10' x 12' Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM #	BUILDING QTY.	PART ID
2 X 3	Window Framing	2 X 3 X 22 1/2" CONNECTOR	Q 22080000000	3	LV
	Loft Ledger "A"	LUM SPF 2X3X96 #2&BTR	12115	1	PT
	Loft Ledger "B"	2 X 3 X 24"	Q 24000000000	1	MJ
2 X 4	Wall Stud	2 X 4 X 78 1/2"	O 78080000000	30	AI
	Eave Wall Doubler "B" / End Wall Plate "B"	2 X 4 X 44 1/2" PLATE	O 44080000000	6	STL
	Eave Wall Doubler "A"	2 X 4 X 92 1/2"	O 92080000000	2	TJ
	End Wall Doubler "B"	2 X 4 X 24" DOUBLER / PLATE	O 24000000000	2	RL
	Soffit Nailer	*2 X 4 X 4-3/8" NAILER	O 04060000000	17	GPC
	Dormer Framing	2 x 4 x 13-3/16"	O 13030000000	8	CWG
	Dormer Soffit Framing	2 X 4 X 52-1/2"	O 52080000000	2	KNA
	Rake Framing	2 X 4 X 75-1/4" 26.5" O/E	O 75042605000	8	ECA
	Rafter	2 X 4 X 75-1/4" 26.5" O/E	O 7504260500N	13	ECN
	Dormer Rafters	2 X 4 X 61-1/4" L/S 11.5" DORMER RAFTER	O 61041105000	5	BVT
	Door Studs & Sidewall Plates	2 X 4 X 68-1/2"	O 68080000000	8	YFA
	End Wall Doubler "A" / Front/Back Wall Top Plates	LUM SPF 2X4X96 #2&BTR	12306	9	TP
	Over Door Cripples	2 X 4 X 6 1/2" OVER DOOR	O 06080000000	5	UY
	Window Framing	2 X 4 X 22 1/2"	O 22080000000	9	AO
	Dormer Horizontal Frame	2 X 4 X 95-1/4"	O 95040000000	3	IDD
	Window Crippler	2 X 4 X 7-1/2" CRIPPLER	O 07080000000	3	AMA
	Door Crippler	2 X 4 X 6 1/2" OVER DOOR	O 06080000000	3	UY
	Double Door Header	2 X 4 X 67"	O 67000000000	2	AM
	Side Door Header	2 X 4 X 35" PLATE	O 35000000000	2	QT
	End Wall Doubler "B" / Loft Support "B"	2 X 4 X 24" DOUBLER / PLATE	O 24000000000	2	RL
	Gable Connector	2 X 4 X 23-1/4" @ 26.5" GABLE	O 23042605000	4	UV
	Front & Back Wall Top Plate	2X4X48" DOUBLER/PLATE/CRATE	O 48000000000	4	SP
2 X 6	Dormer Top Frame - Long	2 X 6 X 67-3/4"	N 67120000000	1	JEC
	Dormer Top Frame - Short	*2 X 6 X 36-7/16"	N 36070000000	1	KDU
1 X 3 PINE	Gauge Block	1 X 3 X 5" PINE FILLER	U 05000000000	1	GAA
1 X 4 PINE	Single Door Weatherstrip	1 X 4 X 69-3/4"	T 69120308000	2	LRA
7/16 OSB	Roof Panel "A"	OSB 7/16" x 4' x 8"	11110	2	---
	Roof - G	7/16" OSB 4" X 64-1/2"	C 64080400000	2	---
	Loft Panel "A"	7/16" OSB 23 7/8" X 96" ROOF	C 96002314000	1	---
	Loft Panel "B"	7/16" OSB 15 7/8" X 23 7/8"	C 23141514000	1	---
	Dormer Roof Panel	7/16" OSB 19-7/8" X 96" ROOF PANEL	C 96001914000	1	---
	Header Filler - Single Door	7/16" OSB 3 3/16" X 34 3/4"	C 34120303000	1	---
	Header Filler - Double Door	7/16" OSB 3 1/4" X 66 3/4" HEADER	C 66120304000	1	---
	Roof - B	7/16" OSB 31 7/8" X 48" ROOF	C 48003114000	4	---
	Roof Panel "C"	7/16" OSB 27 1/4" X 96" ROOF	C 9600270400S	1	---
	Roof - C	7/16" OSB 27-1/4" X 31-7/8"	C 31142704000	4	---
	Roof - F	7/16" OSB 7 3/4" X 96" ROOF	C 96000712000	1	---
GUSSETS	Gusset	EZ 8" 6" X 24" GUSSET 28"-	J 24000600280	4	---
	Dormer Gusset	EZ 8" 4-13/16" X 24" GUSSET 26	J 24000413265	8	---
NO GROOVE SIDING	Left Gable Panel	*3/8" NG x 27-3/4" x 48" LT GABLE	K 48002712200	2	---
	Right Gable Panel	*3/8" NG x 27-3/4" x 48" RT GABLE	K 48002712100	2	---
	Center Gable w/ Vent Hole	3/8" NG 23-7/8" X 33-3/4" CENTER	K 3312231400V	2	---
	Backwall & Sidewall Panel	SIDING NGSE 3/8X4X7	11507	3	---
	Dormer Side Panel-RIght	*3/8" NG 20-3/16" X 61-1/4" RIGHT SIDE DORMER PANEL	K 61042003100	1	---
	Dormer Side Panel-LEFT	*3/8" NG 20-3/16" X 61-1/4" LEFT SIDE DORMER PANEL	K 61042003200	1	---
	Dormer Panel - Front	*3/8" NG 20" X 96" FRONT DORMER PANEL	K 9600200003W	1	---
	Wall Panel - Window	*3/8"NG EAVE WALL PANEL W/ WINDOW	K 840048000WS	3	---
	Wall panel at Door -RIGHT	3/8"NG RT PANEL@DOOR (33460)	K 84004800610	1	---
	Wall panel at Door -LEFT	3/8"NG LT PANEL@DOOR (33460)	K 84004800620	1	---
	Side Wall Panel	NG 23 7/8" X 84" WALL PANEL	K 84002314000	3	---
	Wing Panel	NG 11-7/8" X 84" WALL PANEL	K 84001114000	2	---
	Wall Panel w/ Door Cutout	3/8"NG PANEL W/ DOOR	K 8400480000U	1	---
	Soffit - Eave	3/8" NGx5-7/8" X 73"	K 73000514000	4	---
	Fascia - Eave	3/8" NGx4-3/4" X 80-3/8"	K 80060412000	4	---
	Gable Trim-RIGHT	3/8" NG 4-3/4" X 76-1/8" 26.5" RT GABLE TRIM	K 76020412100	2	---
	Gable Trim-LEFT	3/8" NG 4-3/4" X 76-1/8" 26.5" LT GABLE TRIM	K 76020412200	2	---
	Gable Soffit	3/8" NG 7-3/8" X 73-5/16"	K 73060706000	4	---
	Rafter Spacer - Small	3/8" NG 3-1/4" X 5-7/8"	K 05140304000	4	---
	Rafter Spacer - Large	3/8" NG 3-1/4" X 62"	K 62000304000	2	---
	Corner Trim Front & Back	3/8" NG 2-1/2" X 81-3/4"	K 81120208000	4	---
	Corner Trim Side	3/8" NG 2-1/2" X 82-1/2"	K 82080208000	4	---
19/32 X 3 SMART TRIM	Dormer Fascia Side	19/32 TST 2 1/2" X 64-1/2" 75"	UT64080208100	1	MHR
	Dormer Fascia Side	19/32 TST 2 1/2" X 84-1/2" 75"	UT64080208200	1	MHL
	Door Trim Hinge/Over Door	19/32 TST 2 1/2" X 72" TRIM	UT72000208000	2	ZJ
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	6	AH
	Over Door Trim - Single Door	19/32 TST 2 1/2" X 39 3/8"TRIM	UT39060208000	1	GEA
	Window - Horizontal Trim	19/32 TST 2 1/2" X 22-1/2"	UT22080208000	6	QOD
	Window - Header Trim	19/32 TST 2 1/2" X 28 1/2"	UT28080208000	3	ROR
	Vertical Window Trim	19/32 X 2 1/2" X 43 3/4"	UT43120208000	6	EJB
	Dormer - Front Bottom Horizontal Trim	19/32 TST 2 1/2" X 92 1/8"	UT92020208000	1	LDB
	Dormer Lower Trim	19/32 X 2 1/2" X 46 9/16" 75"-26.5" RIGHT DORMER SMART TRIM	UT46097527100	1	AMR
	Dormer Lower Trim	19/32 X 2 1/2" X 46 9/16" 75"-26.5" LEFT DORMER SMART TRIM	UT46097527200	1	AML
	Dormer - Fascia Long	19/32 TST 2 1/2" X 61"	UT61000208000	1	MLB
	Dormer - Fascia Short	19/32" X 2 1/2" X 44-3/4"	UT44120208000	1	NCF
	Dormer Corner Trim	19/32 TST 2 1/2" X 15-1/8"	UT15020208000	2	MCA
	Dormer Corner Trim - Right	19/32 TST 2 1/2" X 13-11/16" R	UT13110208165	1	MFR
	Dormer Corner Trim - Left	19/32 TST 2 1/2" X 13-11/16" L	UT13110208265	1	MFL
19/32 X 4 SMART TRIM	Dormer Fascia Side	19/32 TST 3 1/2" X 58-5/8" 11.	UT58100308100	1	QNR
	Dormer Fascia Side	19/32 TST 3 1/2" X 58-5/8" 11.	UT58100308200	1	QNL
	Dormer - Front Top Horizontal Trim	19/32 TST 3 1/2" X 92 1/8"	UT92020308000	1	OSA
	Vertical Transom Trim	19/32 TST 3 1/2" X 9 1/8" TRIM	UT09020308000	4	DLN
PURCHASED COMPONENTS	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	3	OO
	Barn Vents	VENT 8X10, APL# CV12X18W-PE, A	15021	2	---
	Transoms For Dormer	WINDOW 9X25 TRANSOM (SINGLE) 2	15437	6	---
	10D Nails	NAIL 10D 3" BOX HDG BOX	15109	7	---
	6D Nails	NAIL 6D 2" BOX HDG BOX	15105	7	---
	Black T-Handle and "D" Handle	HANDLE - T 4" SHAFT & "D"	15375	1	---
	Large Square Window	WINDOW 22 1/4" X 29 3/4" LG SQ	15281	3	---
	D-Handle Extender	D-HANDLE EXTENDER KIT 5/16" X 1-5/8" SHAFT w/ SET SCREW	15767	1	---
	Black T-Handle	HANDLE - T 4" SHAFT & "D"	15375	1	---
	Hardware Kit	H/K (LAUREL 33237 & 33786) 12x10 GABLE	15689	1	---
	HD Sprint Bolt	SPRING BOLT, 1.63 TRAVEL, W/SCREWS	15129	2	---
	Threshold - Double Door	THRESHOLD 7/8" X 1-1/2" X 63-7/8"	15420	1	---
	Threshold - Single Door	THRESHOLD 7/8" X 1-1/2" X 31-5/8"	15428	1	---
	Flash Package	FLASHING PACKAGE - STIRLING 10 X 12	15791	1	---

Continued on next page.

16960-B 10' x 12' Order Form

PACKAGING	Instructions		16960-B	1	---
	30181-R				
Right Door Assembly	Door Panel	3/8" NG 31 3/8" X 71 1/2"	K 7108310600M	1	---
	Right Hinge Assembly	HINGE RIGHT (RED) 19/32x3 THIN TRIM	30121-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	1	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH
	30181-L				
Left Door Assembly	Door Panel	3/8" NG 31 3/8" X 71 1/2"	K 7108310600M	1	---
	Left Hinge Assembly	HINGE LEFT (GREEN) 19/32x3 THIN TRIM	30131-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	1	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH
	30128-U				
Universal Door Assembly	Door Panel	3/8" NG 31 3/8" X 71 1/2"	K 7108310600U	1	---
	Left Hinge Assembly	HINGE (BLACK) - UNIVERSAL	30130-U	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	1	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH

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 15 years.
5. LP Prostruct® Flooring is warranted for 10 years
6. Cedar lumber is warranted for 15 years.
7. Preserved Pine is warranted for 10 years.
8. Redwood is warranted for 10 years.
9. Metal Roof is warranted for 25 years.

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

CONDITIONS

The warranty is effective only when:

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

REQUIREMENTS

Storage Buildings

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.

15Y PSS BB GEN LDR: 3/20/2019