16490

PART 1

STOP!

Call Us First!
DO NOT RETURN TO STORE.

For questions on assembly or for general inquiries, you may contact us in the following ways:

Call customer service: **1-877-743-3400**

AVOID THE WAIT!

visit us online at
help.backyardproducts.com

- → Submit a help request
- → Answers to frequently asked questions
- → Live chat with an agent

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

Backyard PRODUCTS

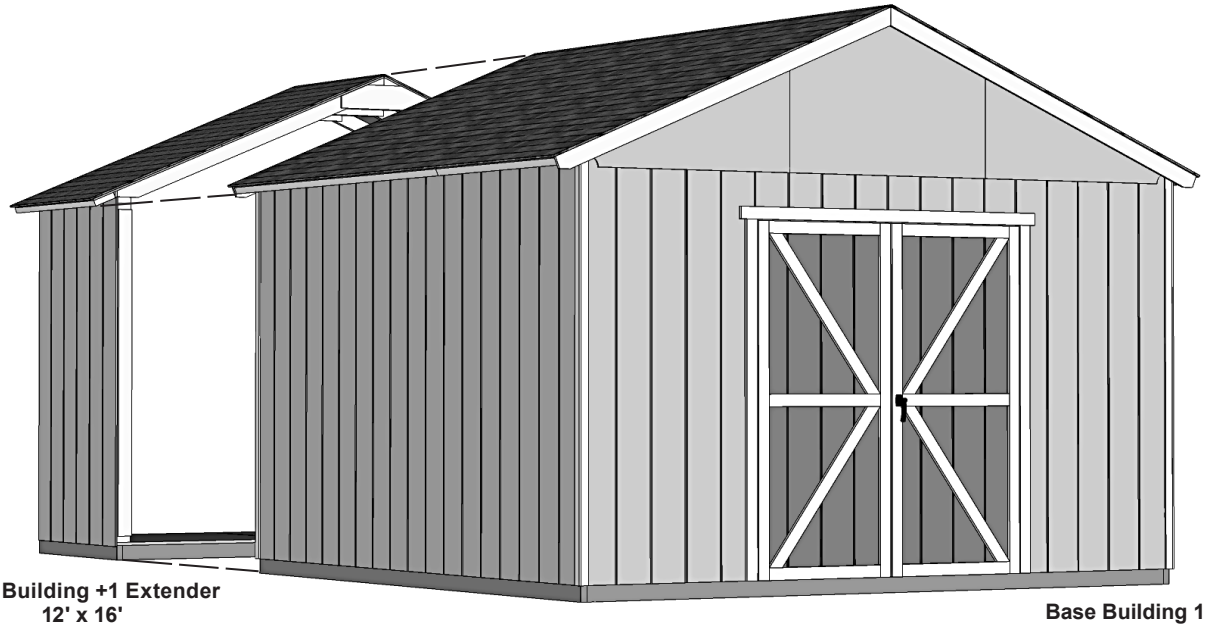
16490 | 08/10/2021

ASSEMBLY MANUAL
GABLE 12' x 12' (365,8 x 365,8 cm)

PART 1

	BUILDING SIZE	ACTUAL FLOOR SIZE
BASE MODEL	12' x 12' (365,8 x 365,8 cm)	12' x 12' (365,8 x 365,8 cm)
+1: 12' x 4' Extender	12' x 16' (365,8 x 487,7 cm)	12' x 16' (365,8 x 487,7 cm)
+1: 12' x 8' Extender	12' x 20' (365,8 x 609,6 cm)	12' x 20' (365,8 x 609,6 cm)
+1: 12' x 8' and +1: 12' x 4' Extender	12' x 24' (365,8 x 731,5 cm)	12' x 24' (365,8 x 731,5 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE



Base Building +1 Extender 12' x 16'

Base Building 12' x 12'

⚠ 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 10.

- **CHECK ALL PARTS**

  Inventory all parts listed on pages 5-8.

- **ADDITIONAL MATERIALS**

  You will need additional materials to complete your shed. See pages 3-4 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: 1-888-827-9056 email: customerservice@backyardproductsllc.com

TOOLS

Required

- ❑ Phillips Screwdriver
- ❑ Drill / Driver
  - ❑ 3/8" Drill Bit
  - ❑ #2 Philips Drive Bit
- ❑ Hammer
- ❑ Level
- ❑ Pencil
- ❑ Tape Measure
- ❑ Square or
- ❑ Utility Knife
  - ❑ Shingle Blades
- ❑ Caulk Gun
- ❑ Paint Tools
- ❑ Safety Glasses
- ❑ Ladder

Optional

- ❑ Tool Belt/ Nail Pouch
- ❑ Tin Snips (for drip edge)
- ❑ Chalk Line
- ❑ Nail Gun
  - • gun nails
- ❑ Gloves
- ❑ Sawsall

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.

BEGIN = Beginning of steps for assembly or installation.

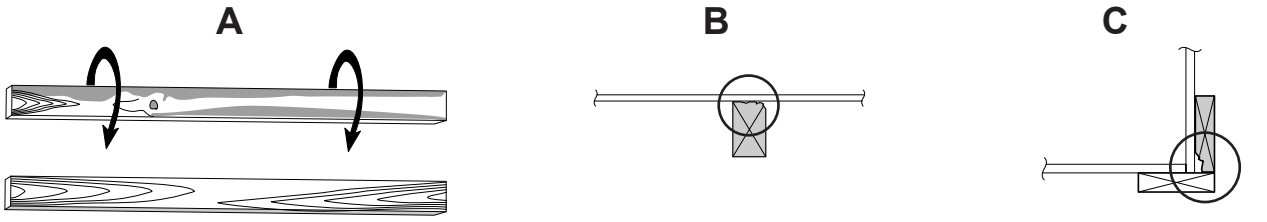
FINISH = You have finished the assembly or installation.

= 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

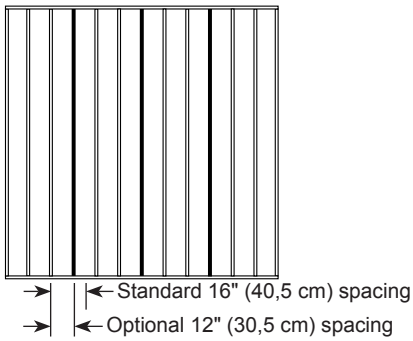
- This shed does not include any floor or leveling materials.
- See the FLOOR LEVELING section on page 10 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.

REINFORCED WOOD FLOOR FRAME (OPTIONAL)

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

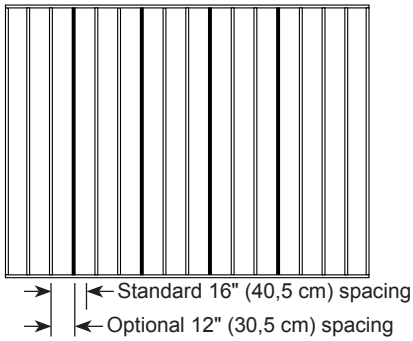
12x12'

- ☐ **x3** 2 x 4 x 12' (5,1 x 10,2 x 304,8 cm) Treated Lumber cut to 2 x 4 x 117" (5,1 x 10,2 x 297,2 cm)
- ☐ **x12** 3" (7,6 cm) hot-dipped galvanized nails



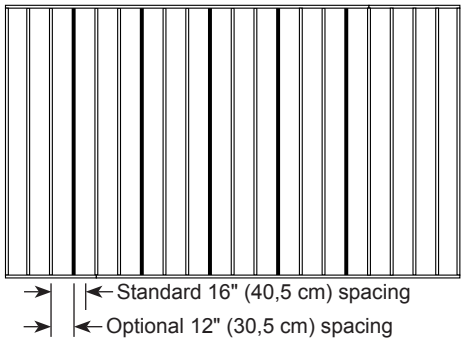
12x16'

- ☐ **x4** 2 x 4 x 12' (5,1 x 10,2 x 304,8 cm) Treated Lumber cut to 2 x 4 x 117" (5,1 x 10,2 x 297,2 cm)
- ☐ **x16** 3" (7,6 cm) hot-dipped galvanized nails



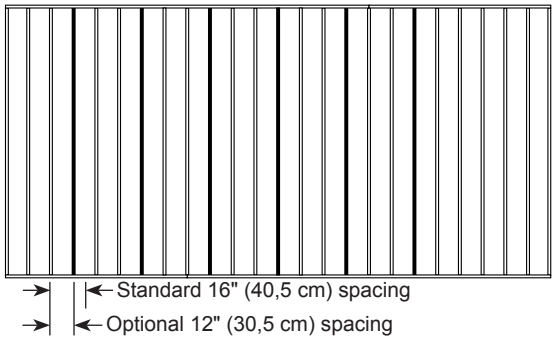
12x20'

- ☐ **x5** 2 x 4 x 12' (5,1 x 10,2 x 304,8 cm) Treated Lumber cut to 2 x 4 x 117" (5,1 x 10,2 x 297,2 cm)
- ☐ **x20** 3" (7,6 cm) hot-dipped galvanized nails



12x24'

- ☐ **x6** 2 x 4 x 12' (5,1 x 10,2 x 304,8 cm) Treated Lumber cut to 2 x 4 x 117" (5,1 x 10,2 x 297,2 cm)
- ☐ **x24** 3" (7,6 cm) hot-dipped galvanized nails



ADDITIONAL MATERIALS

COMPLETING YOUR SHED

You will need these additional materials:

	12x12'	12x16'	12x20'	12x24'
☐ 3-TAB SHINGLES (Bundles).....	7	9	11	13
☐ PAINT FOR SIDING (Gallons)..... Use 100% acrylic latex exterior paint. (2) coats recommended.	3	3	4	4
☐ 1" galvanized roofing nails (lbs). For shingles.	4	5	6	7

	12x12'	12x16'	12x20'	12x24'
☐ Paint for trim/Quart Use 100% acrylic latex exterior paint.	2	2	3	3
☐ Caulk Tubes ..... Use acrylic paintable latex exterior caulk.	4	5	6	7

OPTIONAL MATERIALS

	12x12'	12x16'	12x20'	12x24'
☐ Drip Edge (Feet).....	60	70	80	90
☐ #15 Roofing Felt (Sq ft. to cover).....	199	264	329	399
☐ 1" Galvanized Roofing Nails (lbs).... For roofing felt.	1	1.5	2	2.5

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

FLOOR PANELS (Not Included)

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

NOTE: Use a minimum of 5/8" (1,6 cm) Oriented Strand Board (OSB)

12x12'

☐ x5 — 5/8" x 48" x 96" (1,6 x 121,9 x 243,8 cm)

☐ x2 — 2" (5,1 cm) — **1 lb. of 2" (5,1 cm) Hot Dipped Galvanized Box-Type Nails.**

12x16'

☐ x6 — 5/8" x 48" x 96" (1,6 x 121,9 x 243,8 cm)

☐ x2 — 2" (5,1 cm) — **1 lb. of 2" (5,1 cm) Hot Dipped Galvanized Box-Type Nails.**

12x20'

☐ x8 — 5/8" x 48" x 96" (1,6 x 121,9 x 243,8 cm)

☐ x2 — 2" (5,1 cm) — **1 lb. of 2" (5,1 cm) Hot Dipped Galvanized Box-Type Nails.**

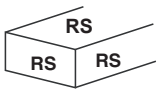
12x24'

☐ x9 — 5/8" x 48" x 96" (1,6 x 121,9 x 243,8 cm)

☐ x3 — 2" (5,1 cm) — **1 lb. of 2" (5,1 cm) Hot Dipped Galvanized Box-Type Nails.**

PARTS IDENTIFICATION AND SIZES

Double letter part identification is stamped on some parts.



• Check these locations for part stamp.

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)

12x12'

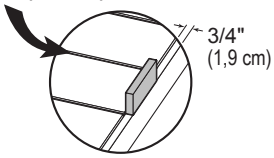
GABLE 12' x 12' PARTS LIST

INVENTORY YOUR PARTS before you begin.
We suggest sorting parts by the category they are listed in.

WALL

- ☐ **x5** AL — 2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)
- ☐ **x4** AF — 2 x 4 x 18-1/8" (5,1 x 10,2 x 46 cm)
- ☐ **x4** HVC — 2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)
- ☐ **x6** 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 170,2 cm) *OSB*
- ☐ **x2** AM — 2 x 4 x 67" (5,1 x 10,2 x 170,2 cm)
- ☐ **x2** UM — 2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)
- ☐ **x4** YFA — 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
- ☐ **x23** AI — 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
- ☐ **x4** TJ — 2 x 4 x 92-5/8" (5,1 x 10,2 x 235,3 cm)
- ☐ **x6** TP — 2 x 4 x 96" (5,1 x 10,2 x 243,9 cm)

- ☐ **x1** GAA — 1 x 3 x 5" (2,5 x 7,6 x 12,7 cm)
  Used as a gauge block for 3/4" (1,9 cm) measurement.



RAFTERS

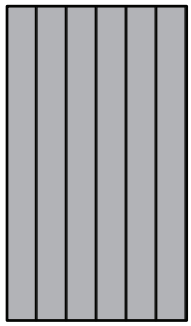
- ☐ **x12** — 6 x 24" (15,2 x 61 cm)
- ☐ **x14** ADA — 2 x 4 x 77-15/16" (5,1 x 10,2 x 198 cm)
- ☐ **x2** TP — 2 x 4 x 96" (5,1 x 10,2 x 243,9 cm)

TRIM

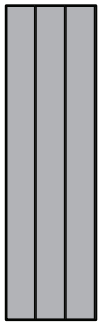
- ☐ **x2** AS — 2 x 6 x 49-1/2" (5,1 x 15,2 x 125,7 cm)
- ☐ **x2** CQR — 19/32" x 3-1/2" x 84-15/16" (1,5 x 8,9 x 215,7 cm)
- ☐ **x2** CQL — 19/32" x 3-1/2" x 84-15/16" (1,5 x 8,9 x 215,7 cm)
- ☐ **x8** — 3/8" x 1-3/4" x 83-1/2" (1 x 4,5 x 212,1 cm)
- ☐ **x2** VX — 2 x 6 x 96" (5,1 x 15,3 x 243,9 cm)

PANEL & DOORS PARTS LIST

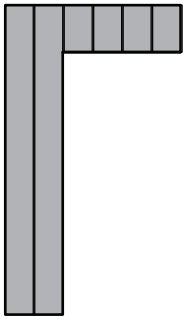
NOTE: Panel parts are not stamped with part identification.



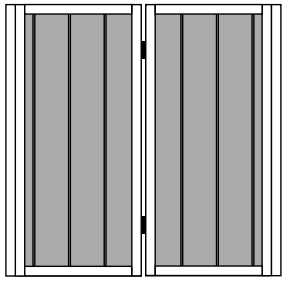
☐ **x9**
3/8 x 48 x 84"
(1 x 121,9 x 213,4 cm)



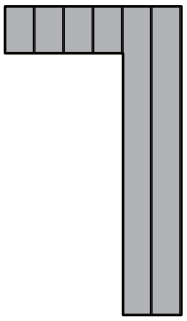
☐ **x2**
3/8 x 23-7/8 x 84"
(1 x 60,6 x 213,4 cm)



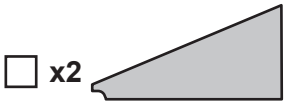
☐ **x1**



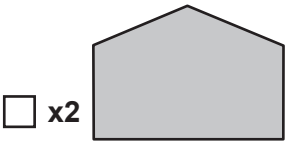
☐ **x1** ☐ **x1**



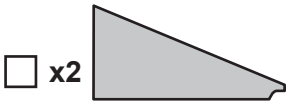
☐ **x1**



☐ **x2**



☐ **x2**

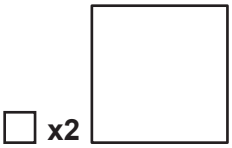


☐ **x2**

ROOF PANELS

Roof panels are 7/16" (1,1 cm) thick.

☐ **x2**
48" x 96"
(121,9 x 243,8 cm)



☐ **x2**
47-7/8" x 48"
(121,6 x 121,9 cm)

☐ **x2**
36-1/2" x 96"
(92,7 x 243,8 cm)

☐ **x2**
36-1/2" x 47-7/8"
(92,7 x 121,6 cm)

FASTENER/HARDWARE BAG (Shown Actual Size)

☐ **x155** 2" (5,1 cm)

☐ **x90** 3" (7,6 cm)

☐ **x25** 2" (5,1 cm)

☐ **x70** 1-1/4" (3,2 cm)

☐ **x70** 3/4" (1,9 cm)

☐ **x12** 1/2" (1,3 cm)

☐ **x85** 1-1/2" (3,8 cm)

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

DOOR TRIM

☐ **x2** **AH** 19/32" x 2-1/2" x 26-5/8" (1,5 x 6,3 x 67,7 cm)

☐ **x2** **MDR** 19/32" x 2-1/2" x 39-7/8" (1,5 x 6,3 x 101,3 cm)

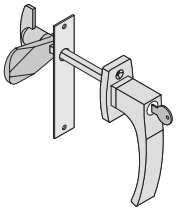
☐ **x2** **MDL** 19/32" x 2-1/2" x 39-7/8" (1,5 x 6,3 x 101,3 cm)

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

☐ **x1** **ZJ** 19/32" x 2-1/2" x 72" (1,5 x 6,3 x 182,9 cm)

DOOR HARDWARE

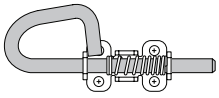
☐ **x1**



☐ **x2** 1" (2,5 cm)

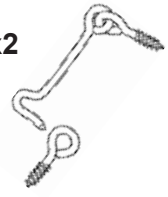
☐ **x2** 1-1/4" (3,2 cm)

☐ **x2**



☐ **x8** 3/4" (1,9 cm)

☐ **x2**



NAIL BOXES (Shown Actual Size)

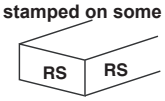
☐ **x6 BOXES** 3" (7,6 cm)

☐ **x6 BOXES** 2" (5,1 cm)

GABLE EXTENDER KIT PARTS LIST

Inventory your parts before you begin.
We suggest sorting parts by the category they are listed in.

Part identification is stamped on some parts.



• Check these locations for part stamp.

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)

12' x 4' EXTENDER

WALL

- ☐ x6 **SP** — 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
- ☐ x2 **VF** — 2 x 6 x 48" (5,1 x 15,2 x 121,9 cm)
- ☐ x4 **AI** — 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
- ☐ x2 — 3/8 x 48 x 84" (1 x 121,9 x 213,4 cm)

RAFTERS

- ☐ x4
- ☐ x4 **ADA** — 2 x 4 x 77-15/16" (5,1 x 10,2 x 198 cm)
- ☐ x1 **TP** — 2 x 4 x 96" (5,1 x 10,2 x 243,9 cm)

ROOF PANELS

Roof panels are 7/16" (1,1 cm) thick.

- ☐ x2 — 7/16" x 36-1/2" x 47-7/8" (1,1 x 92,7 x 121,6 cm)
- ☐ x2 — 7/16" x 47-7/8" x 48" (1,1 x 6 x 121,9 cm)

HARDWARE

- x12 — 3" (7,6 cm)
- x12 — 1-1/4" (3,2 cm)

12' x 8' EXTENDER

WALL

- ☐ x8 **AI** — 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
- ☐ x2 **VX** — 2 x 6 x 96" (5,1 x 15,3 x 243,9 cm)
- ☐ x4 — 3/8 x 48 x 84" (1 x 121,9 x 213,4 cm)

RAFTERS

- ☐ x8
- ☐ x8 **ADA** — 2 x 4 x 77-15/16" (5,1 x 10,2 x 198 cm)
- ☐ x8 **TP** — 2 x 4 x 96" (5,1 x 10,2 x 243,9 cm)

ROOF PANELS

Roof panels are 7/16" (1,1 cm) thick.

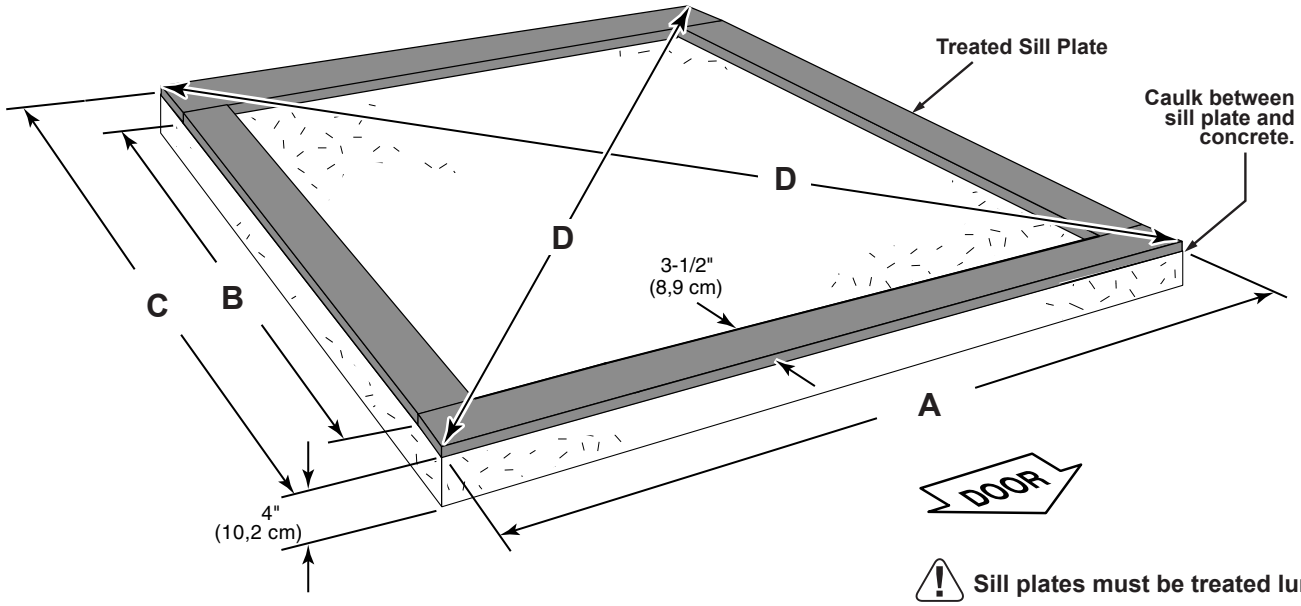
- ☐ x2 — 7/16" x 36-1/2" x 96" (1,1 x 92,7 x 243,9 cm)
- ☐ x2 — 7/16" x 48" x 96" (1,1 x 121,9 x 243,9 cm)

HARDWARE

- x20 — 3" (7,6 cm)
- x24 — 1-1/4" (3,2 cm)

CONCRETE FOUNDATION

If you choose to install your kit on a concrete slab refer to the diagram below.
Attach the sill plates on the foundaton as shown, and continue on to page 14.



⚠ **Sill plates must be treated lumber.**

Building Size	Actual Floor Size	A	B	C	D
12'x12' (365,8 x 365,8 cm)	12'x12' (365,8 x 365,8 cm)	144" (365,8 cm)	137" (348 cm)	144" (365,8 cm)	203-5/8" (612,3 cm)

12' x 12' Building Requires:

- ☐ **x2 2 x 4 x 12' (5,1 x 10,2 x 304,8 cm)**
- ☐ **x2 2 x 4 x 12' (5,1 x 10,2 x 304,8 cm)** Cut down to: 137" (348 cm)
- ☐ **x1 Caulk**

Building Size	Actual Floor Size	A	B	C	D
12'x16' (304,8 x 487,7 cm)	12'x16' (304,8 x 487,7 cm)	144" (365,8 cm)	185" (469,9 cm)	192" (487,7 cm)	240" (609,6 cm)

12' x 16' Building Requires:

- ☐ **x2 2 x 4 x 12' (5,1 x 10,2 x 304,8 cm)**
- ☐ **x2 2 x 4 x 16' (5,1 x 10,2 x 426,7 cm)** Cut down to: 185" (469,9 cm)
- ☐ **x1 Caulk**

Building Size	Actual Floor Size	A	B	C	D
12'x20' (304,8 x 609,6 cm)	12'x20' (304,8 x 609,6 cm)	144" (365,8 cm)	233" (591,8 cm)	240" (609,6 cm)	279-7/8" (710,6 cm)

12' x 20' Building Requires:

- ☐ **x2 2 x 4 x 12' (5,1 x 10,2 x 304,8 cm)**
- ☐ **x2 2 x 4 x 16' (5,1 x 10,2 x 426,7 cm)**
- ☐ **x1 Caulk**
- ☐ **x1 2 x 4 x 8' (5,1 x 10,2 x 243,8 cm)** Cut (2): 41" (104,1 cm)

Building Size	Actual Floor Size	A	B	C	D
12'x24' (304,8 x 731,5 cm)	12'x24' (304,8 x 731,5 cm)	144" (365,8 cm)	281" (713,7 cm)	288" (619,8 cm)	322" (817,9 cm)

12' x 24' Building Requires:

- ☐ **x2 2 x 4 x 12' (5,1 x 10,2 x 304,8 cm)**
- ☐ **x2 2 x 4 x 16' (5,1 x 10,2 x 426,7 cm)**
- ☐ **x2 Caulk**
- ☐ **x2 2 x 4 x 8' (5,1 x 10,2 x 243,8 cm)** Cut (2): 89" (226,1 cm)

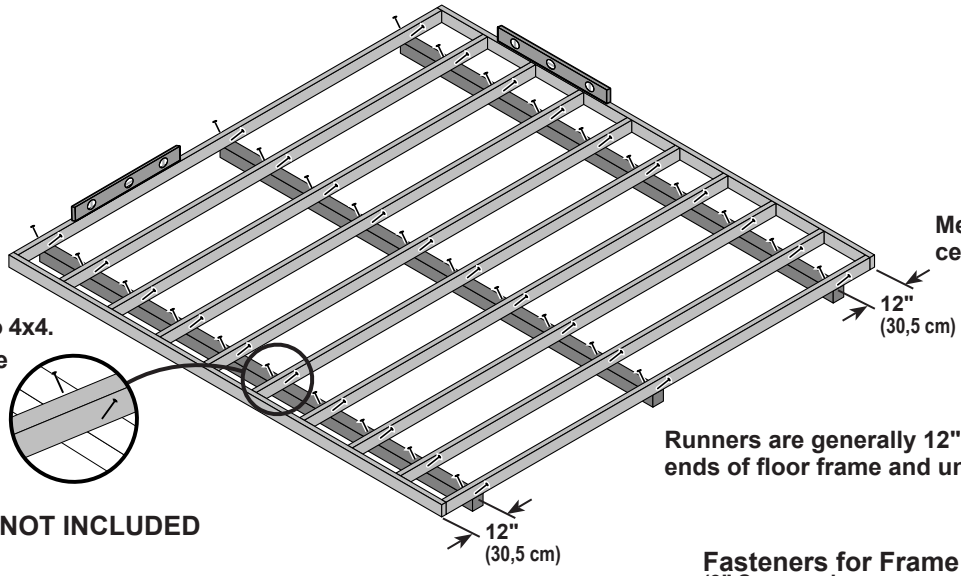
⚠ **Allow new concrete slabs to cure for at least seven (7) days.**

- **A treated 2x4 (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete. Purchase full length treated lumber, or butt shorter pieces end-to-end and seal seams with caulk.**
- **Use a high quality exterior grade caulk beneath all sill plates.**
- **Fasten 2x4 (5,1 x 10,2 cm) sill plates to slab using approved concrete anchors (fasteners not included).**
- **Check local code for concrete foundation requirements.**

OPTIONAL WOOD FRAME FLOOR LEVELING OPTIONS

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

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



⚠ **FLOOR FRAME NOT INCLUDED**

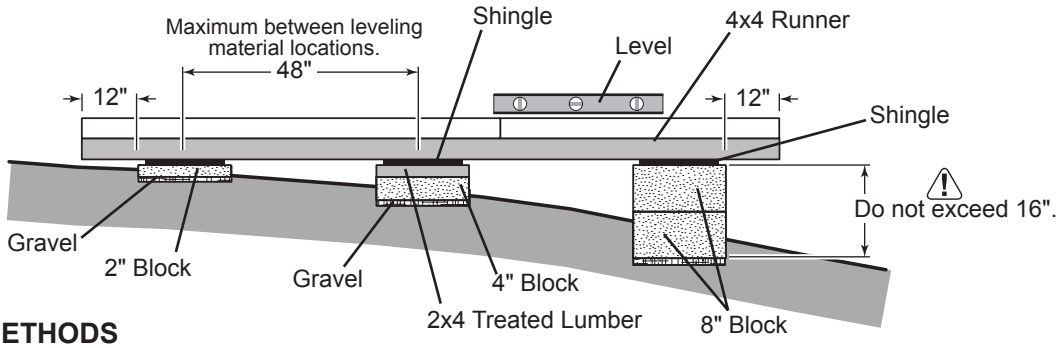
MATERIAL REQUIRED: [TREATED LUMBER]

12' x 12'	☐ **x3** 4 x 4 x 12' (10,2 x 10,2 x 304,8 cm)	☐ **x60** 3" (7,6 cm)
12' x 16'	☐ **x3** 4 x 4 x 16' (10,2 x 10,2 x 487,7 cm)	☐ **x78** 3" (7,6 cm)
12' x 20'	☐ **(3)** 4 x 4 x 16' (10,2 x 10,2 x 487,7 cm) *and:* **(1)** 4 x 4 x 12' (10,2 x 10,2 x 144 cm) cut to **(3)** 48" (121,9 cm)	☐ **x96** 3" (7,6 cm)
12' x 24'	☐ **(3)** 4 x 4 x 16' (10,2 x 10,2 x 487,7 cm) *and:* **(3)** 4 x 4 x 8' (10,2 x 10,2 x 243,8 cm)	☐ **x114** 3" (7,6 cm)

Fasteners for Frame to 4x4:
(3" Screws shown as one option.)
Minimum 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.**

LEVELING & SQUARING THE FLOOR FRAME (Not Included)

STOP!

LEVEL AND SQUARE FLOOR FRAME

STOP!

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

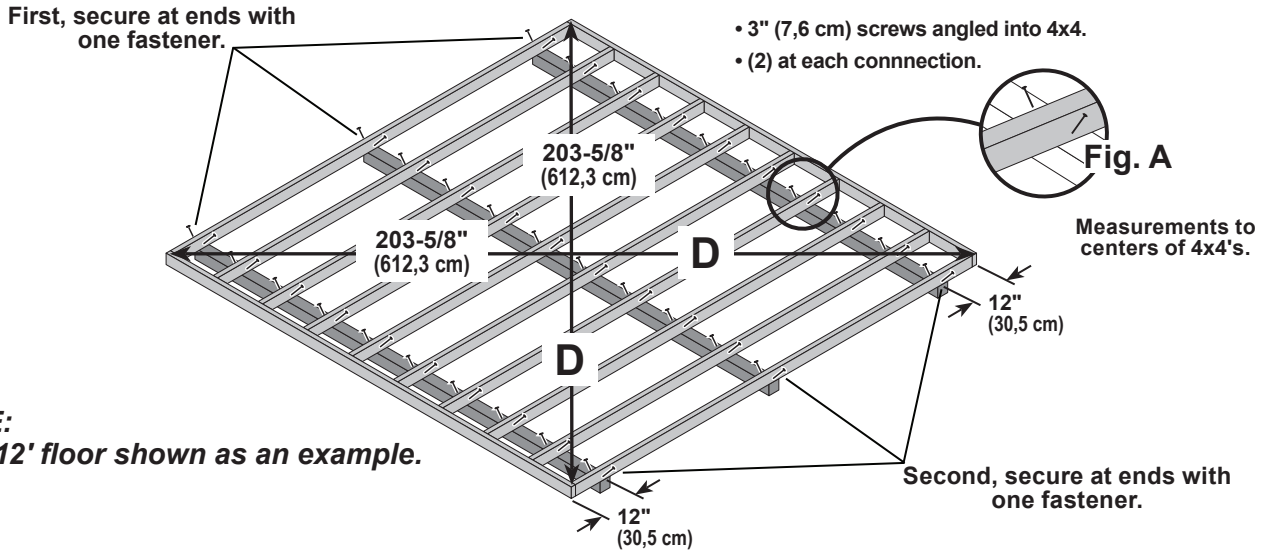
See page 10 for the preferred floor leveling method.

Use a level and ensure the frame is level before applying floor panels.

BEGIN

1 Check for frame squareness by measuring diagonally across the corners **(diagonal measurement D)**.
If the measurements are the same, the frame is square. Use the chart below to determine measurement D.

SHED SIZE	D
12' x 12'	203-5/8" (612,3 cm)
12' x 16'	240" (609,6 cm)
12' x 20'	279-7/8" (710,9 cm)
12' x 24'	322" (817,9 cm)



NOTE:
12' x 12' floor shown as an example.

4x4 runners are generally installed 12" (30,5 cm) from ends of floor frame and under any seams.

---

2 After the frame is level and square, secure one side of frame to 4x4 runners using one fastener at ends of each runner.

At the opposite end of the frame, secure the frame to 4x4 runners with one fastener at the ends of each runner, ensuring that the frame remains square.

Fasten the frame to the 4x4 runners with (2) 3" screws at each connection **(Fig. A).**

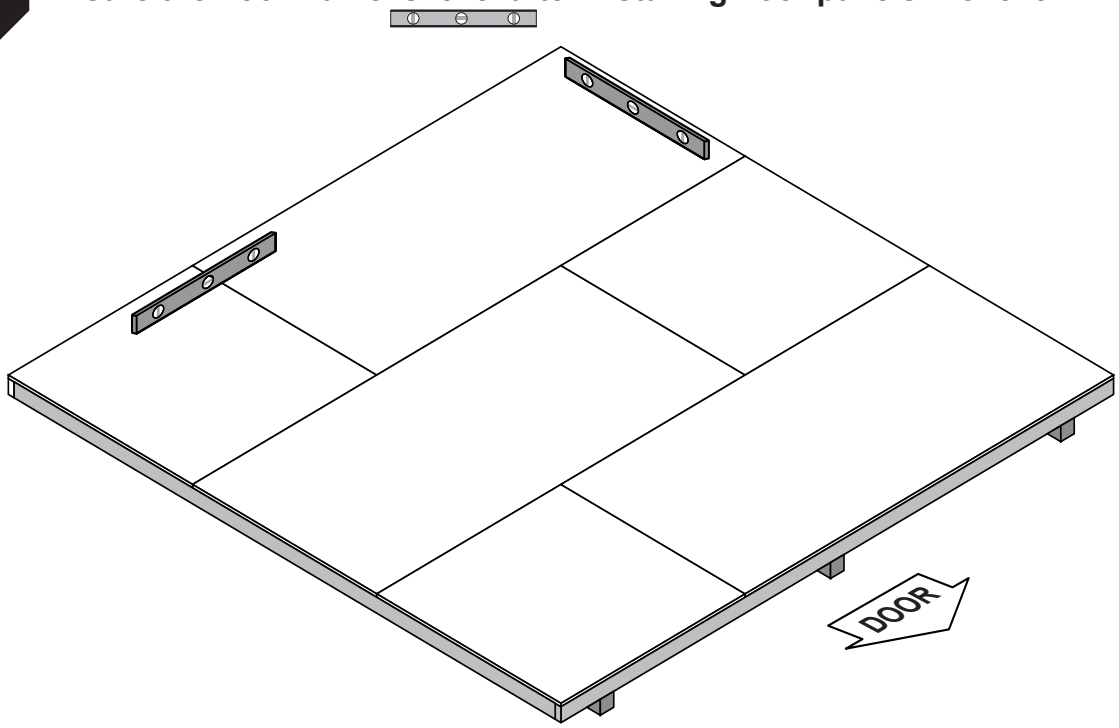
FINISH

Your floor frame is now level**.**

⚠ *IMPORTANT!*

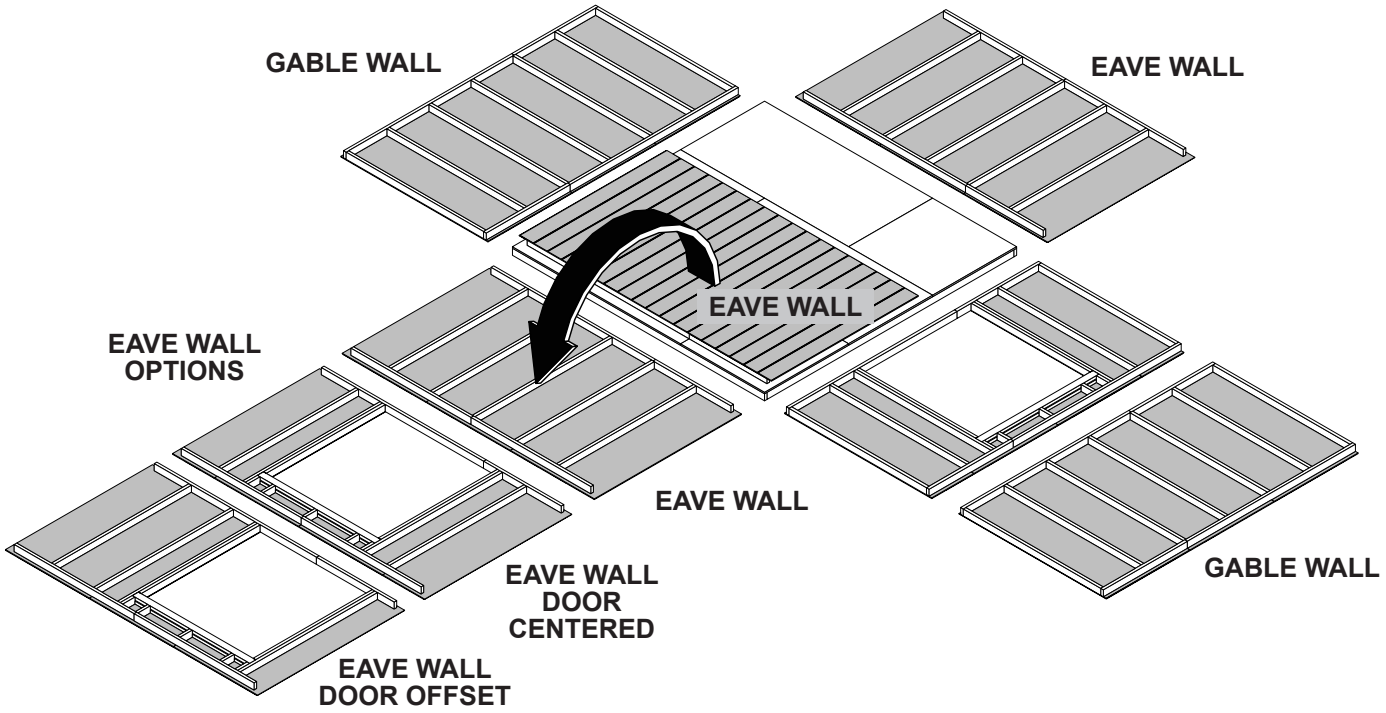
NOTE: 12' x 12' Gable shown standard throughout manual

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



HINT:

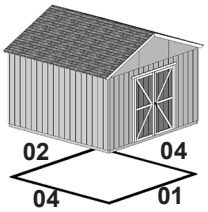
- **The floor should used as a stable work surface for wall construction.**
- **Organize your assembly procedure during the build process to avoid over-handling of the walls.**



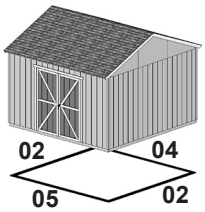
WALL CONFIGURATION GUIDE

Create your own style of shed. Choose your door location.
Compare this guide with the wall index to find the corresponding pages.

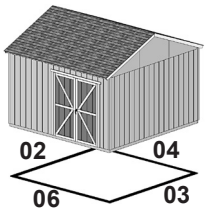
12' x 12'



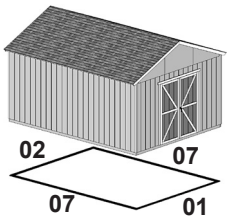
V-1



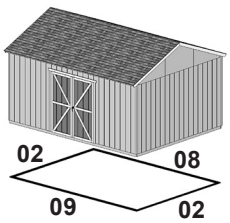
V-2



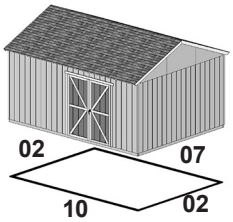
12' x 16'



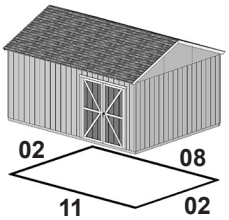
V-1



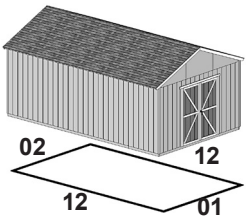
V-2



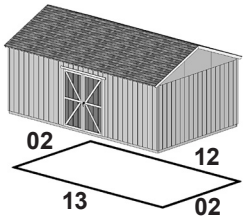
V-3



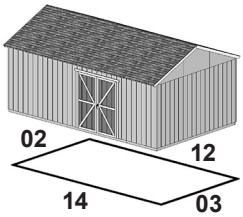
12' x 20'



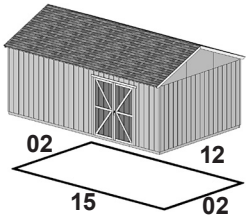
V-1



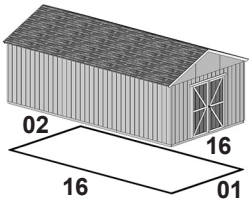
V-2



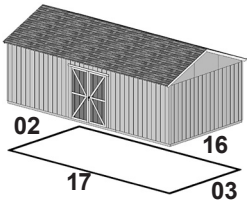
V-3



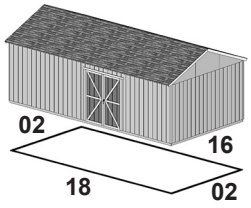
12' x 24'



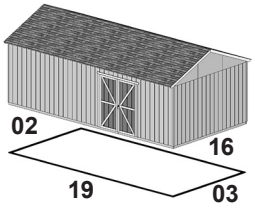
V-1



V-2



V-3



CUT HERE

HINT:

Streamline your wall assembly process by cutting out the pages for the wall configuration guide and the wall index.

HINT:

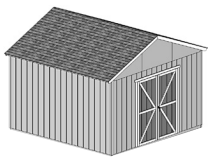
CUT HERE

WALL INDEX

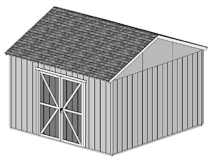
As another option, eave walls with doors can be reversed during assembly.

12' x 12' *After assembling the walls for your 12' x 12' shed, go to page 56 for wall installation.*

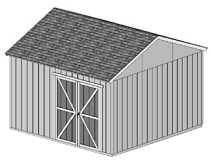
CUT HERE



12' x 12'
Door is on the 12' gable wall.
Wall 01: Page 18
Wall 02: Page 20
Wall 04: Page 24
(build 2 walls 04)

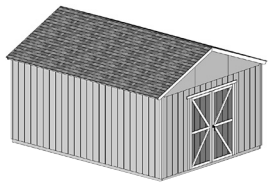


12' x 12' V-1
Door is on the 12' eave wall, centered.
Wall 02: Page 20
Wall 04: Page 24
Wall 05: Page 26
(build 2 walls 02)

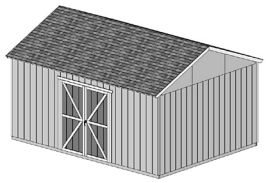


12' x 12' V-2
Door is on the 12' eave wall, extra-offset right.
Wall 02: Page 20
Wall 03: Page 22
Wall 04: Page 24
Wall 06: Page 28

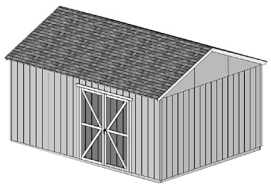
12' x 16' *After assembling the walls for your 12' x 16' shed, go to page 61 for wall installation.*



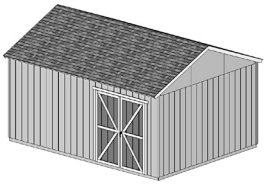
12' x 16'
Door is on the 12' wall.
Wall 01: Page 18
Wall 02: Page 20
Wall 07: Page 30
(build 2 walls 07)



12' x 16' V-1
Door is on the 16' wall, centered.
Wall 02: Page 20
Wall 03: Page 22
Wall 08: Page 32
Wall 09: Page 34

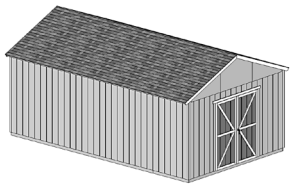


12' x 16' V-2
Door is on the 16' wall, offset right.
Wall 02: Page 20
Wall 07: Page 30
Wall 10: Page 36
(build 2 walls 02)

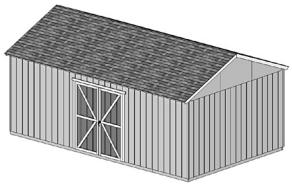


12' x 16' V-3
Door is on the 16' wall, extra-offset right.
Wall 02: Page 20
Wall 08: Page 32
Wall 11: Page 38
(build 2 walls 02)

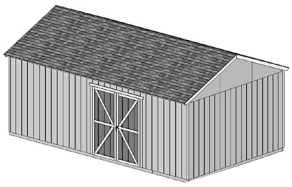
12' x 20' *After assembling the walls for your 12' x 20' shed, go to page 67 for wall installation.*



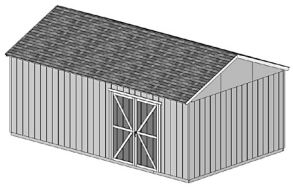
12' x 20'
Door is on the 12' wall.
Wall 01: Page 18
Wall 02: Page 20
Wall 12: Page 40
(build 2 walls 12)



12' x 20' V-1
Door is on the 20' wall, semi-centered.
Wall 02: Page 20
Wall 12: Page 40
Wall 13: Page 42
(build 2 walls 02)

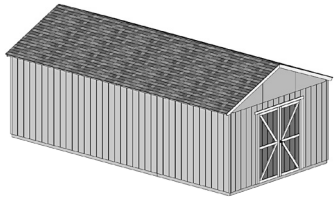


12' x 20' V-2
Door is on the 20' wall, offset right.
Wall 02: Page 20
Wall 03: Page 22
Wall 12: Page 40
Wall 14: Page 44

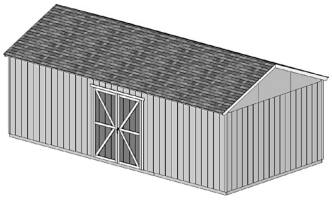


12' x 20' V-3
Door is on the 20' wall, extra-offset right.
Wall 02: Page 20
Wall 12: Page 40
Wall 15: Page 46
(build 2 walls 02)

12' x 24' *After assembling the walls for your 12' x 24' shed, go to page 73 for wall installation.*

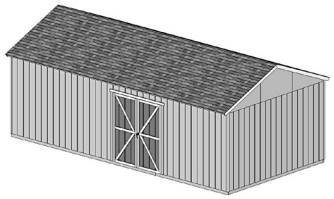


12' x 24'
Door is on the 12' wall.
Wall 01: Page 18
Wall 02: Page 20
Wall 16: Page 48
(build 2 walls 16)

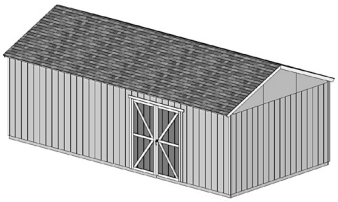


12' x 20' V-1
Door is on the 24' wall, semi-centered.
Wall 02: Page 20
Wall 03: Page 22
Wall 16: Page 48
Wall 17: Page 50

CUT HERE



12' x 20' V-2
Door is on the 24' wall, offset right.
Wall 02: Page 20
Wall 16: Page 48
Wall 18: Page 52
(build 2 walls 02)



12' x 20' V-3
Door is on the 24' wall, extra-offset right.
Wall 02: Page 20
Wall 03: Page 22
Wall 16: Page 48
Wall 19: Page 54

DOOR HEADER

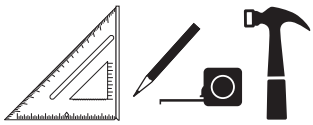
STOP! ***Assemble this door header before building any walls!*** STOP!

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*

x18
3" (7,6 cm)

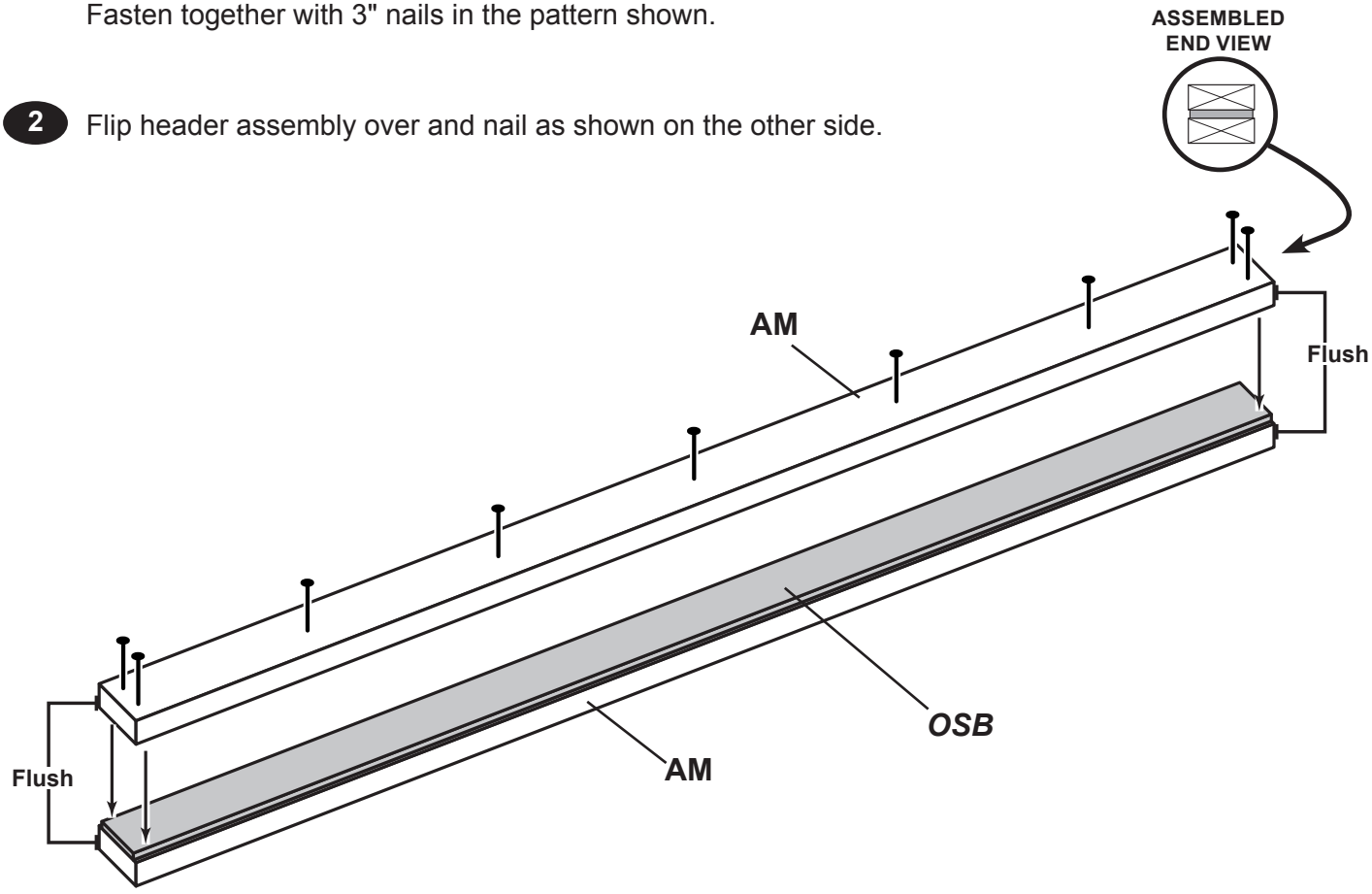


BEGIN

1. 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.

2. Flip header assembly over and nail as shown on the other side.



FINISH

Your door header is now assembled.

WALL PANEL INSTALLATION HINTS & EXAMPLES

PARTS REQUIRED:

x40 — 2" (5,1 cm)

x1 — 3/8 x 48 x 84" (1 x 121,9 x 213,4 cm)

GAA 3/4" GAUGE BLOCK

2x3" TEMP. SPACER

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

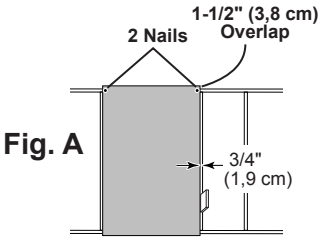


Fig. A

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.
Note the panel lip-edge/square edge orientation.

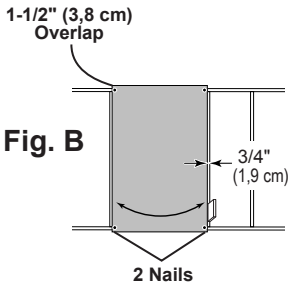
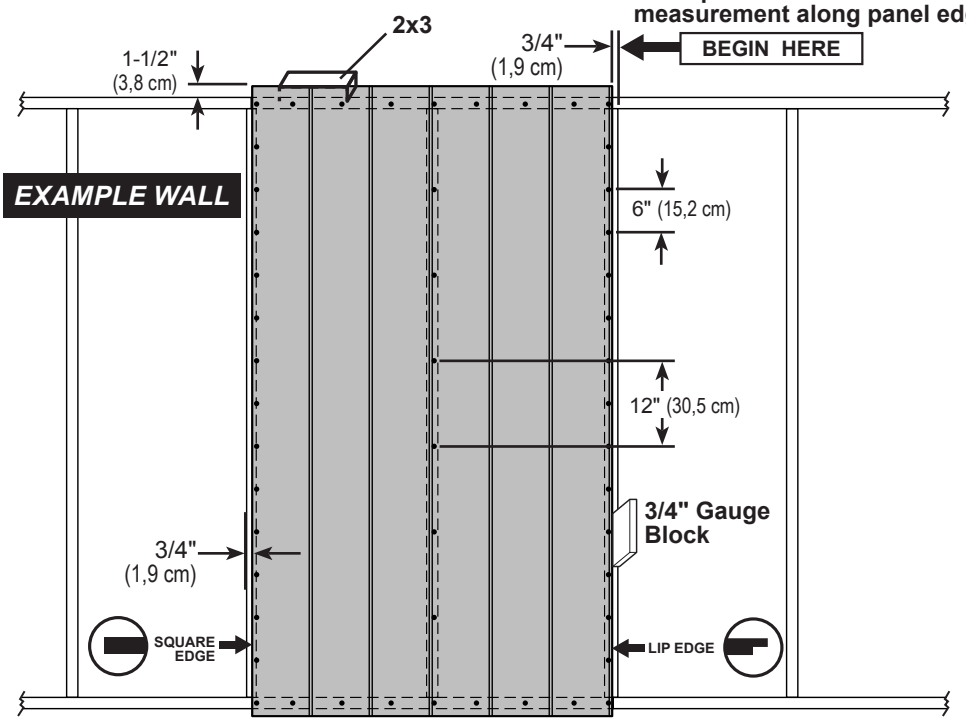
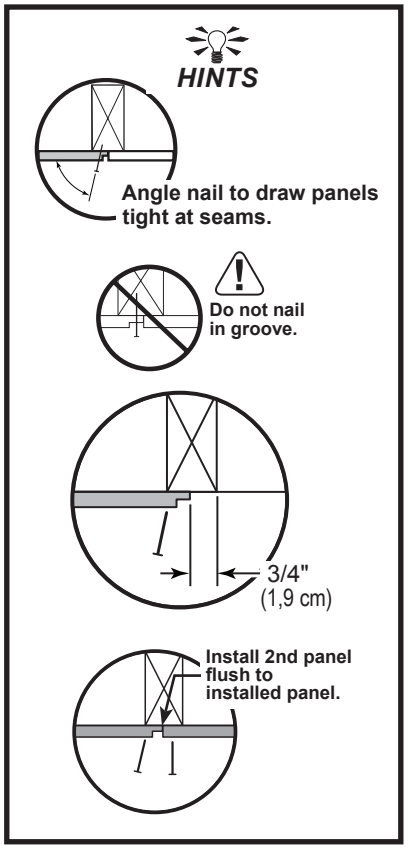


Fig. B

For squareness maintain 3/4" and 1-1/2" measurement along panel edge.





GABLE WALL 01 WITH DOOR

PARTS REQUIRED:

x5 **AL** — 2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

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

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

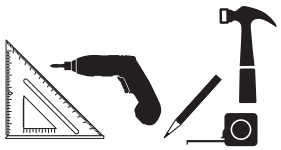
x2 **TP** — 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

x1 **Pre Assembled Header**

x2 **UM** — 2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

x72 — 3" (7,6 cm)

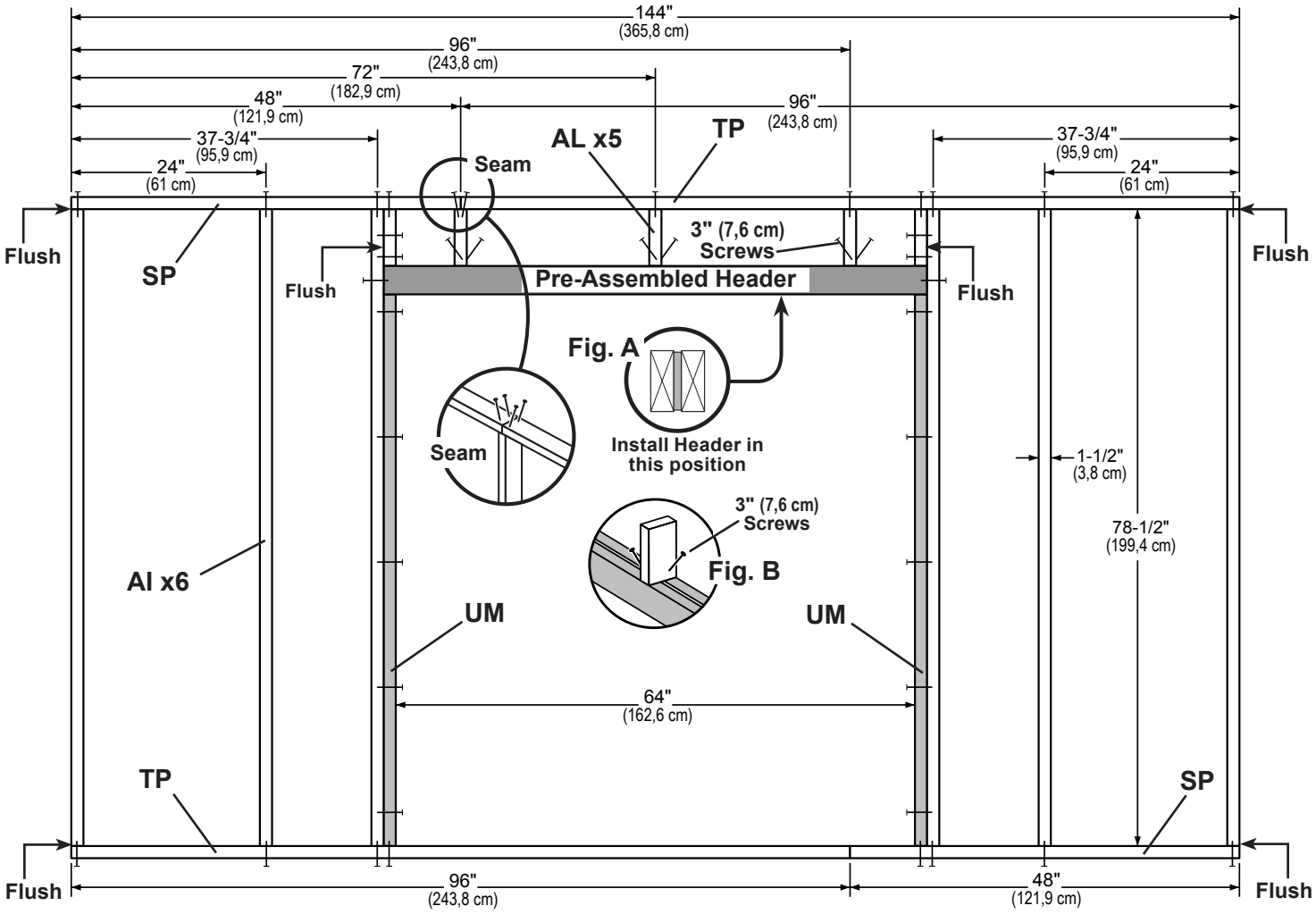
x6 — 3" (7,6 cm)



BEGIN

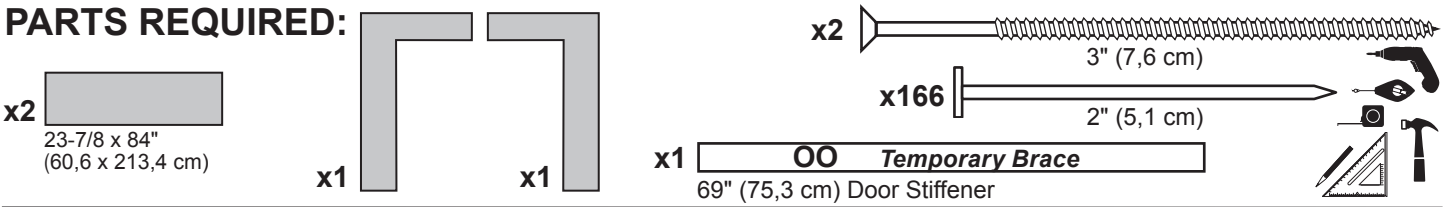
1. Orient parts on edge on floor as shown. Measure and mark from end of boards.
   Orient **Pre Assembled Header** as shown **(Fig. A)**.
   Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



GABLE WALL 01 WITH DOOR

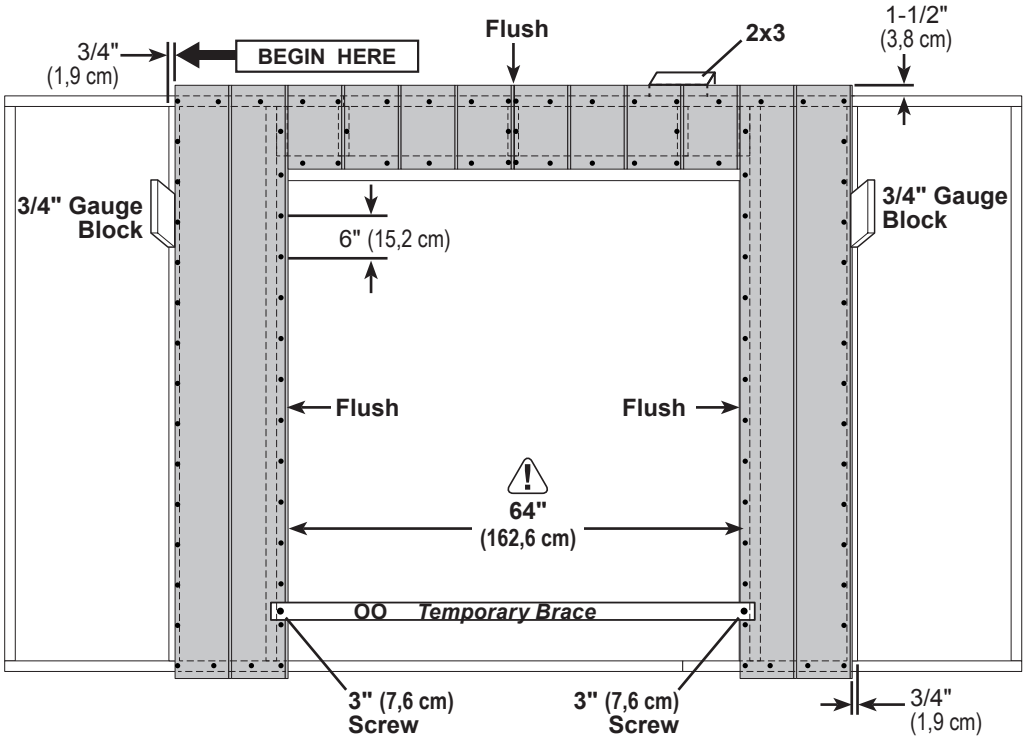
PARTS REQUIRED:



3 Install the left panel 1-1/2" from the top plate. Use a 2x3 spacer for consistent measurement. Secure panel with 2" nails spaced 6" apart on edges.

4 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.

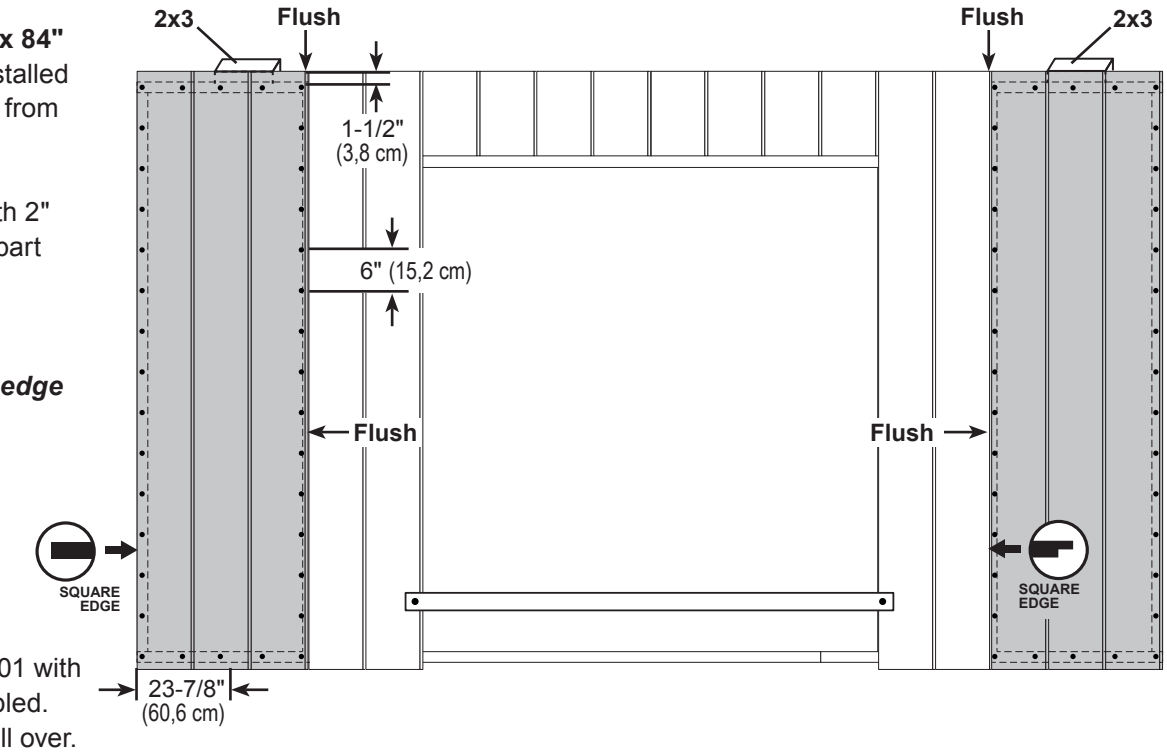
Secure panels with 2" nails spaced 6" apart on edges.



5 Install (2) **11-7/8" x 84"** panels flush to installed panels and 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

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

12' GABLE WALL 02

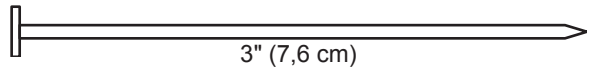
PARTS REQUIRED:

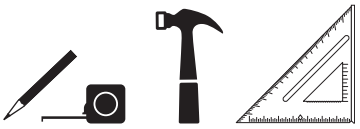
x2 SP
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x7 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)

x32

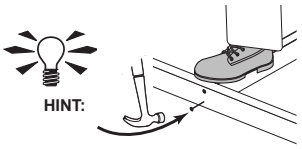


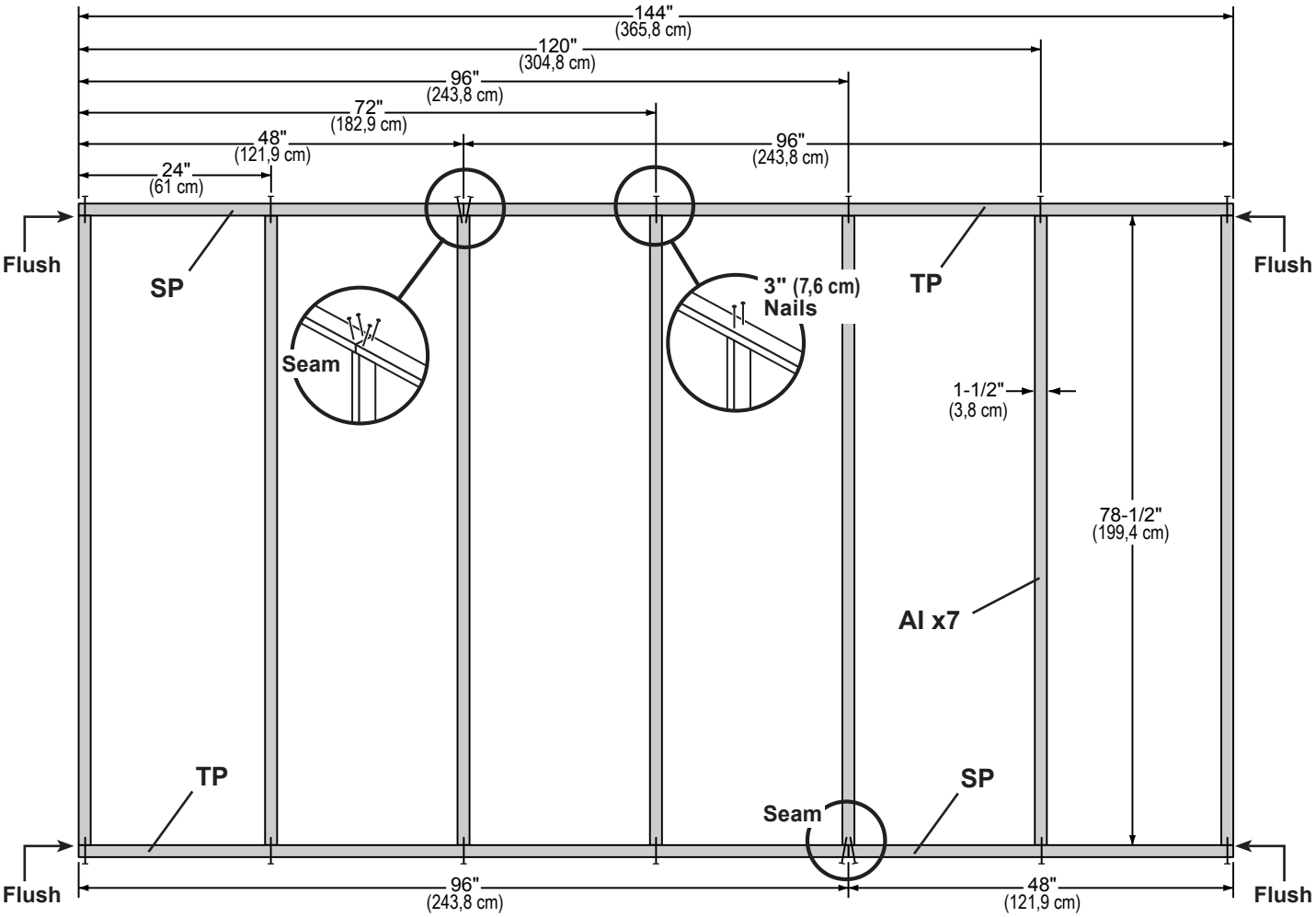


BEGIN

1 Orient parts on edge on floor as shown. Measure and mark from end of boards.

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

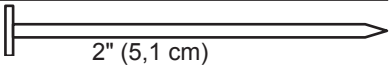




12' GABLE WALL 02

PARTS REQUIRED:

x150



x3

48 x 84"
(121,9 x 213,4 cm)

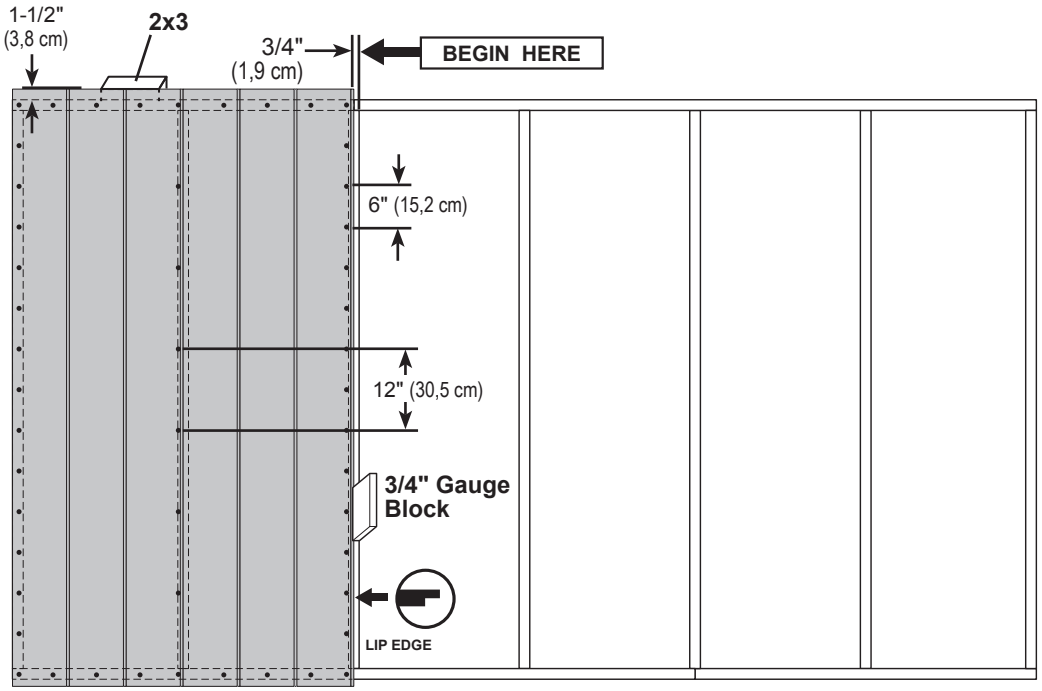
2

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

Use a 2x3 spacer for consistent measurement.

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

Note the panel lip-edge/square edge orientation.



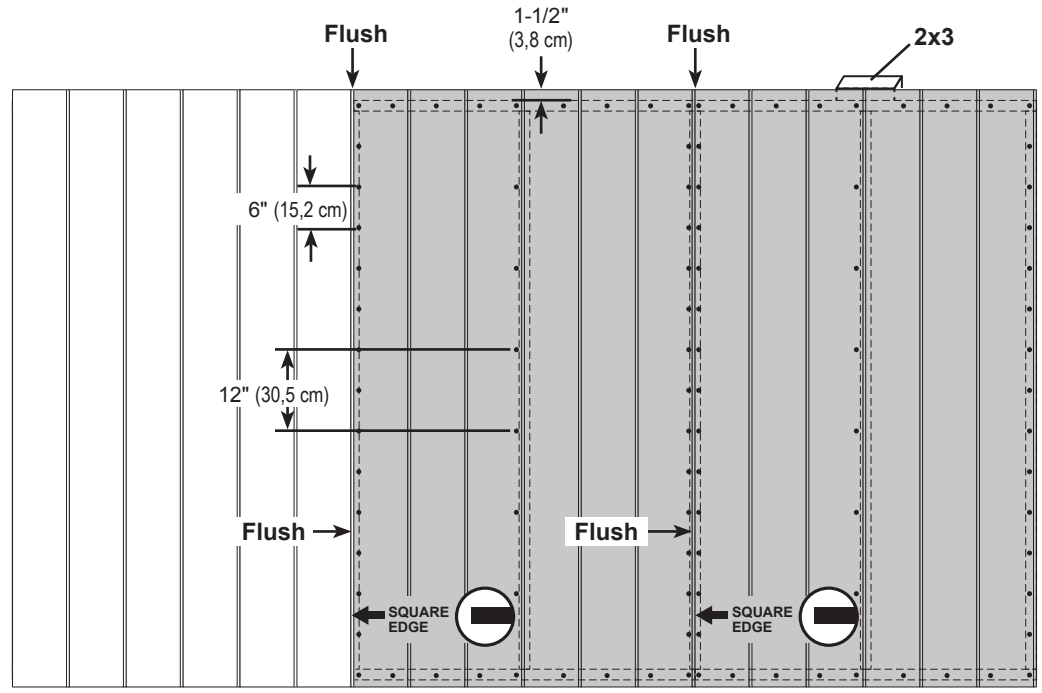
3

Install (2) **48" x 84"** panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

Your 12' gable wall 02 is now assembled.
Carefully flip the wall over.

12' GABLE WALL 03

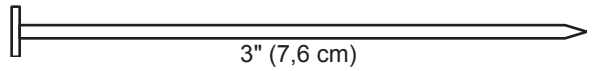
PARTS REQUIRED:

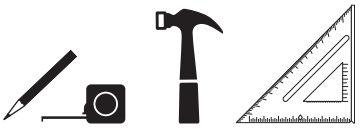
x2 SP
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x7 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)

x32

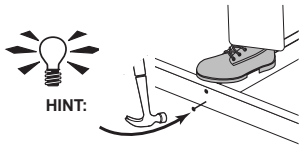


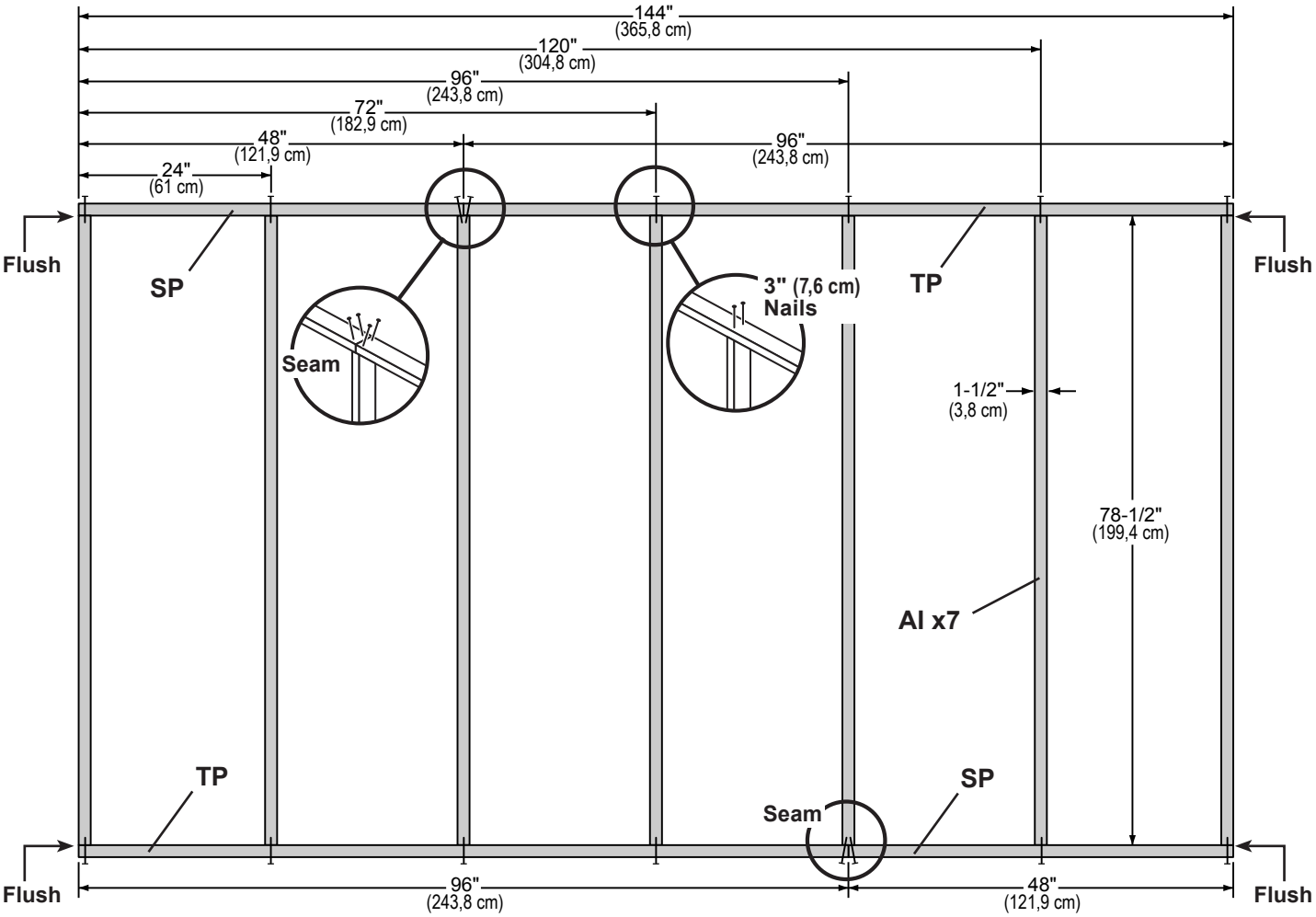


BEGIN

1 Orient parts on edge on floor as shown. Measure and mark from end of boards.

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





12' GABLE WALL 03

PARTS REQUIRED:

x142 — 2" (5,1 cm)

x2 — 23-7/8 x 84" (60,6 x 213,4 cm)

x2 — 48 x 84" (121,9 x 213,4 cm)

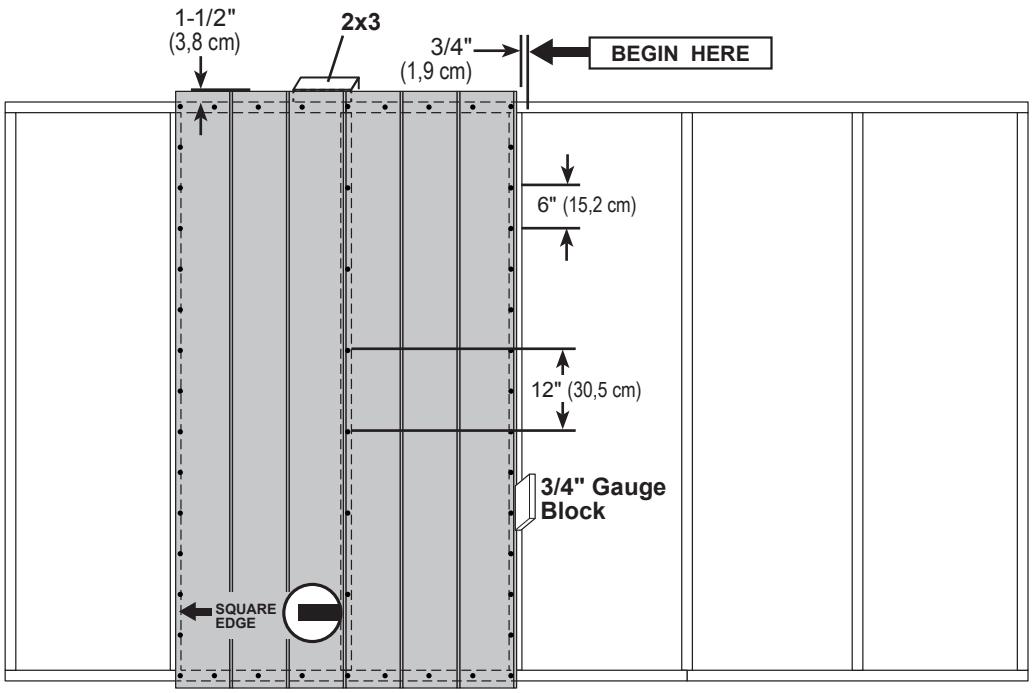
2

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

Use a 2x3 spacer for consistent measurement.

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

Note the panel lip-edge/square edge orientation.



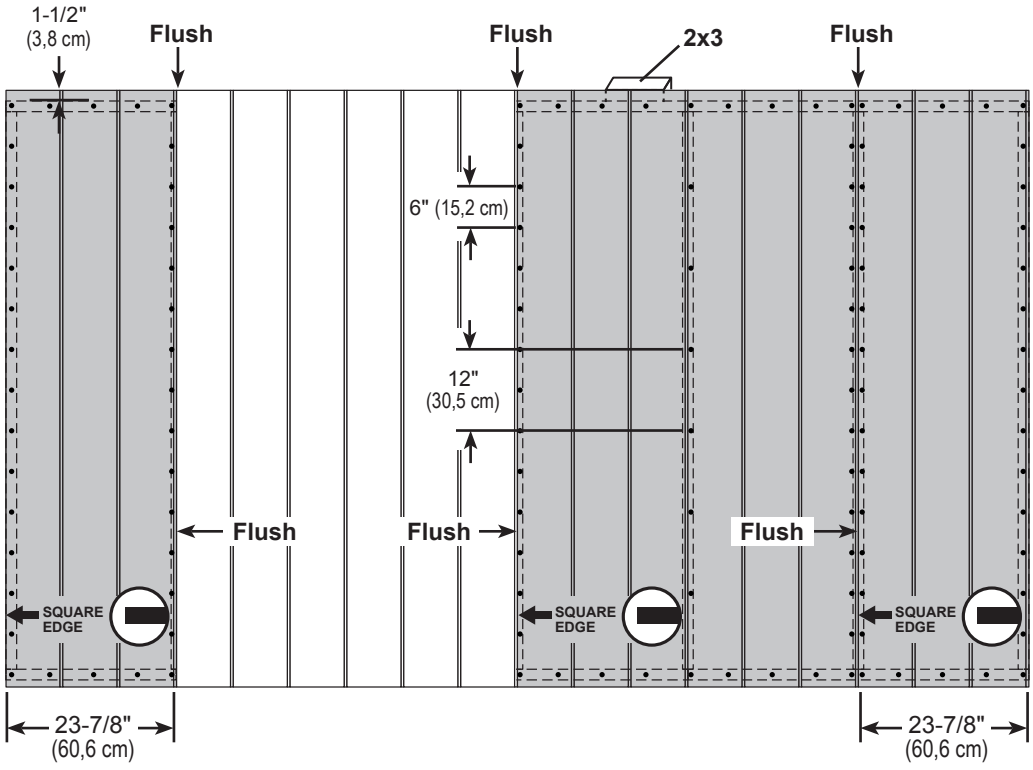
3

Install (1) **48" x 84"** and (2) **23-7/8" x 84"** panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.

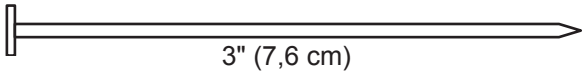


FINISH

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

12' EAVE WALL 04

PARTS REQUIRED:

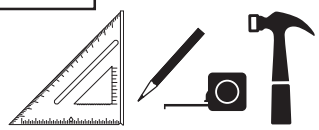
x24 
3" (7,6 cm)

x1 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

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

x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

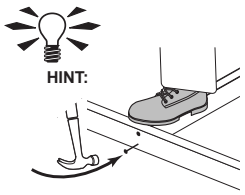
x5 AI
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

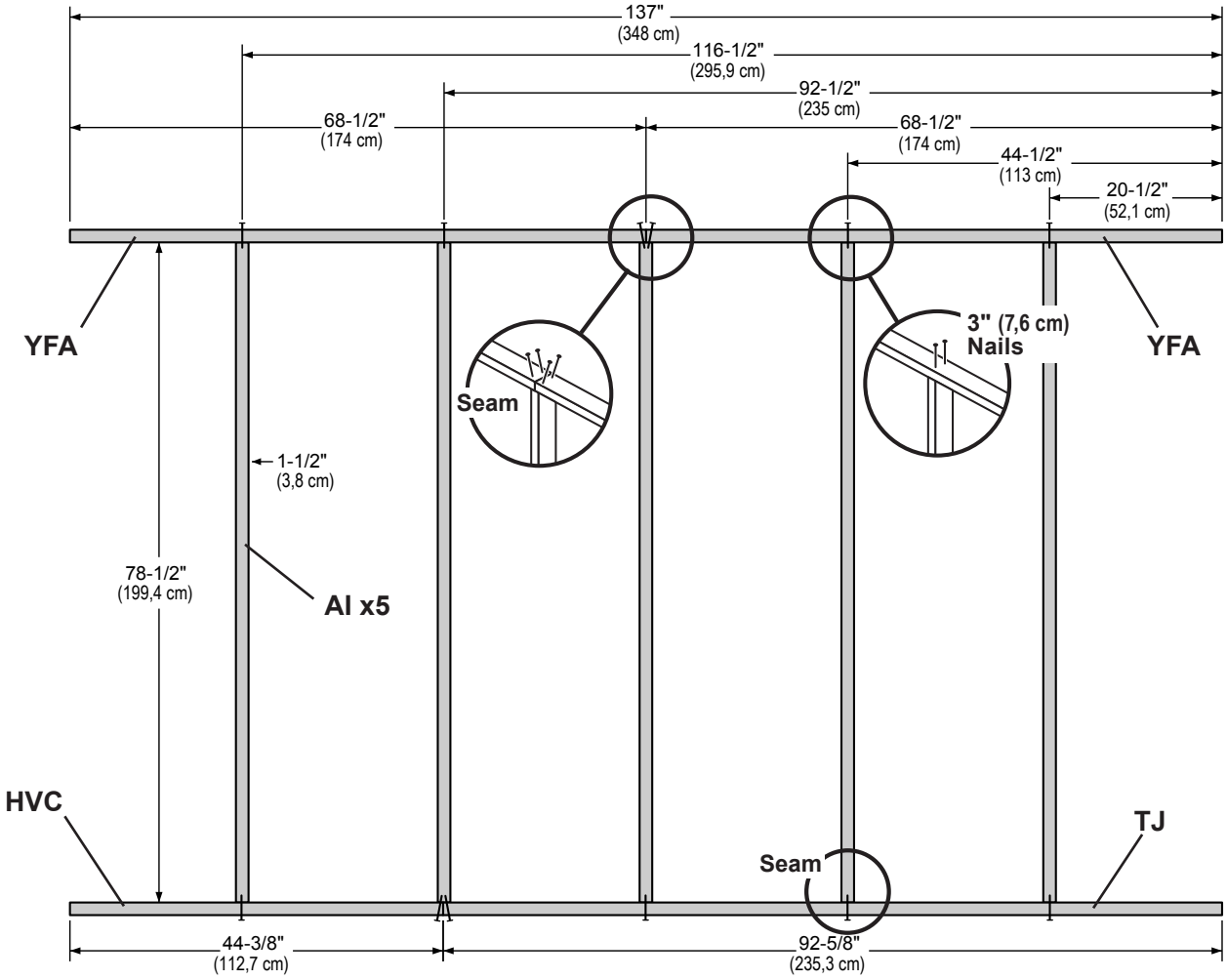


BEGIN

1 Orient parts on edge on floor. Measure and mark from end of boards.

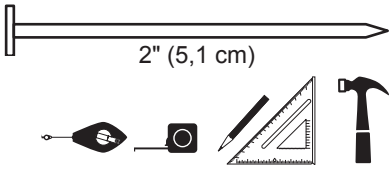
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.





12' EAVE WALL 04

PARTS REQUIRED:



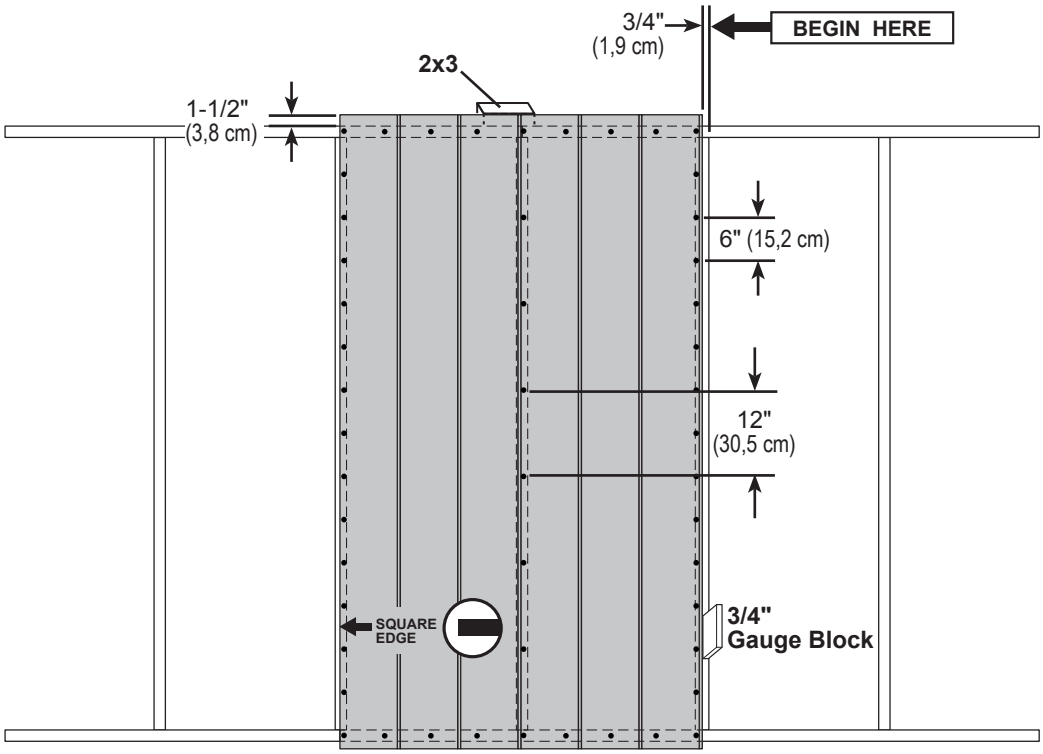
2

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

Use a 2x3 spacer for consistent measurement.

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

Note the panel lip-edge/square edge orientation.



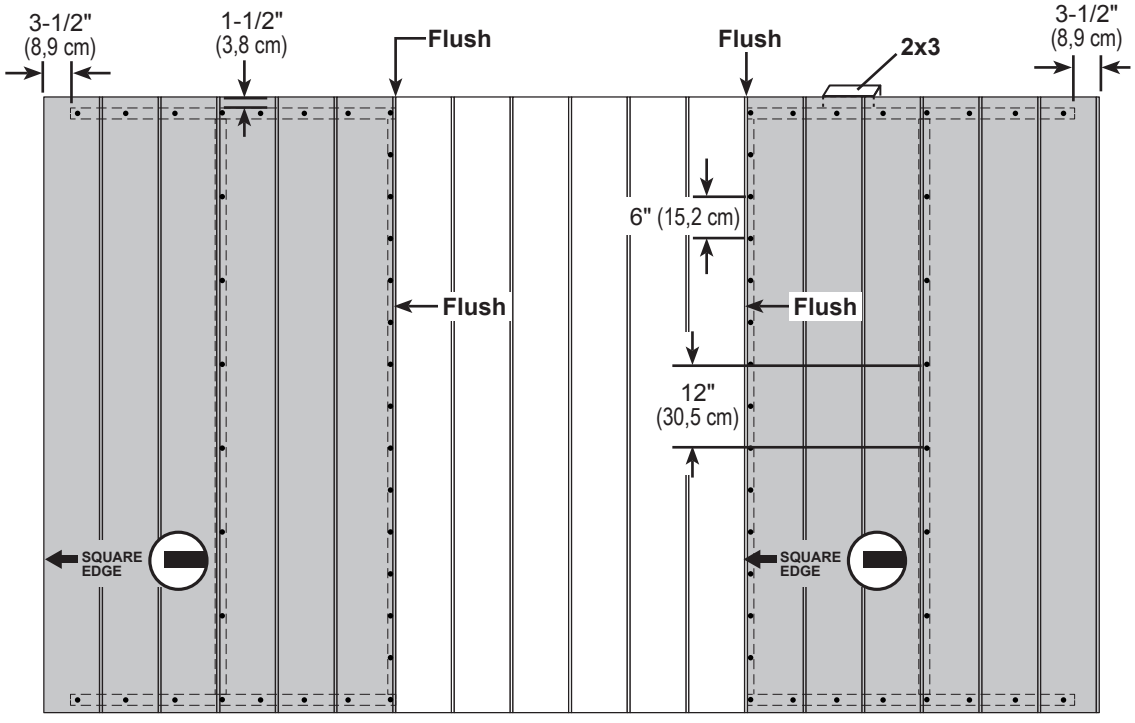
3

Install next (2) **48" x 84"** panels flush to installed panel.

Locate panels 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

Your 12' eave wall 04 is now assembled.
Carefully flip the wall over.

12' EAVE WALL 05 WITH DOOR

PARTS REQUIRED:

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)

x1 **TJ**
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

x1 **Pre Assembled Header**

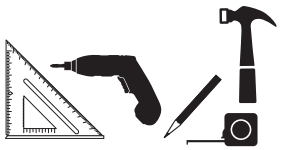
x5 **AL**
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

x1 **HVC**
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

x2 **UM**
2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

x64 3" (7,6 cm)

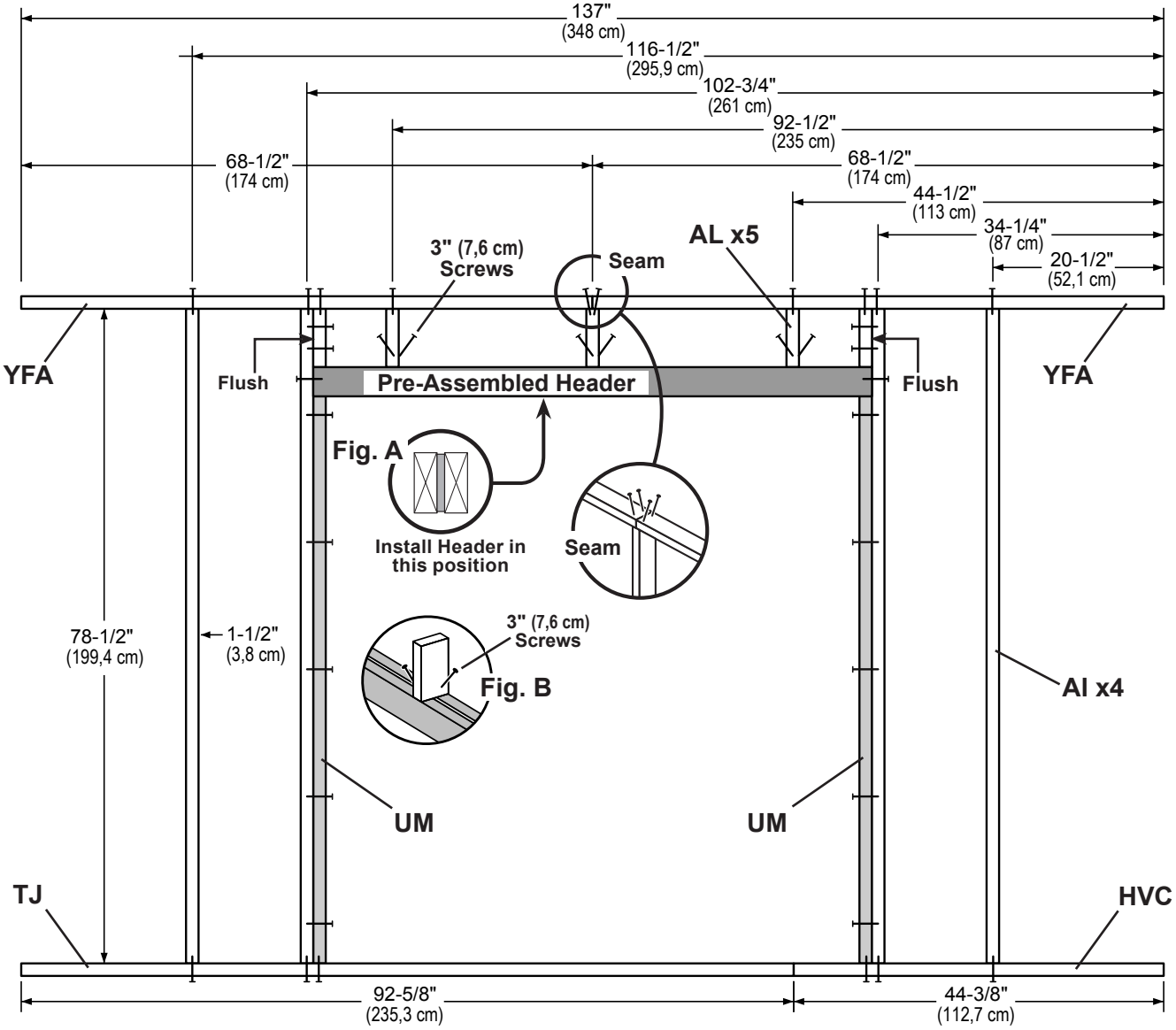
x6 3" (7,6 cm)



BEGIN

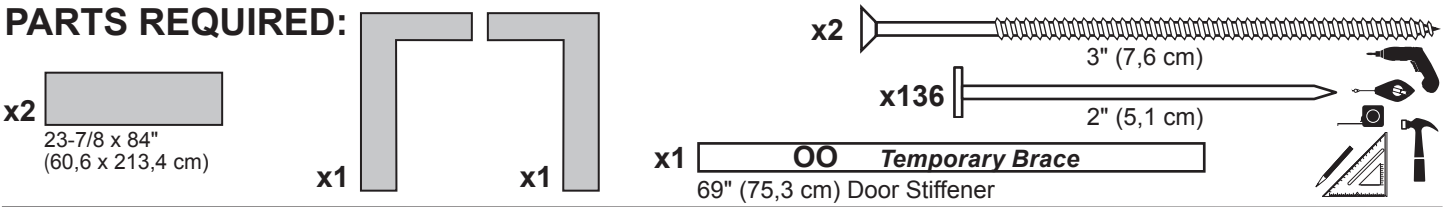
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



12' EAVE WALL 05 WITH DOOR

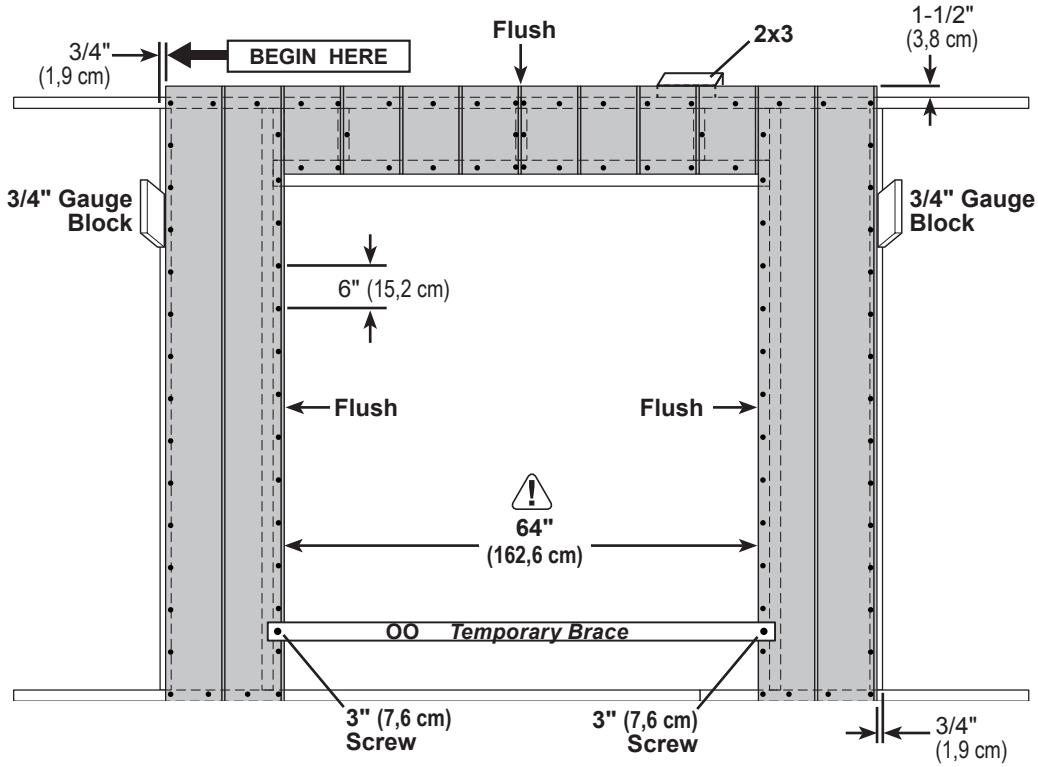
PARTS REQUIRED:



3 Install the left panel 1-1/2" from the top plate.
Use a 2x3 spacer for consistent measurement.
Secure panel with 2" nails spaced 6" apart on edges.

4 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.

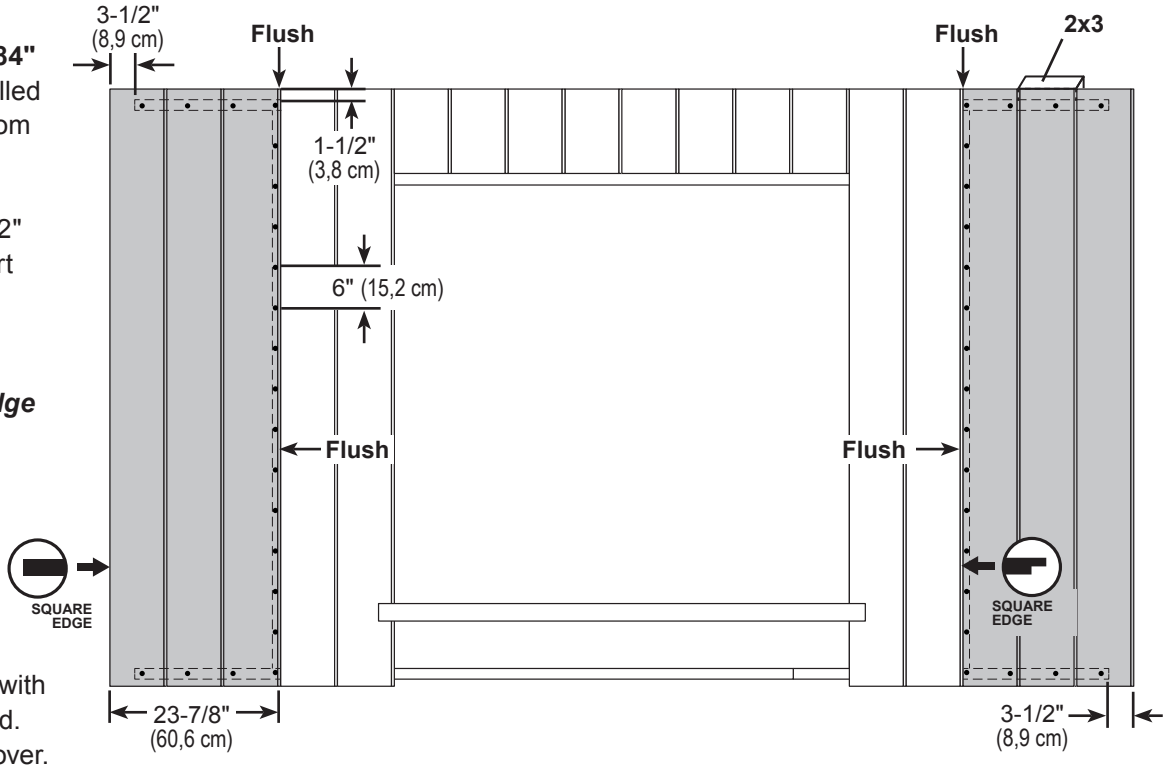
Secure panels with 2" nails spaced 6" apart on edges.



5 Install (2) **11-7/8" x 84"** panels flush to installed panels and 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

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

12' EAVE WALL 06 WITH DOOR

PARTS REQUIRED:

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)

x1 **TJ**
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

x1 **Pre Assembled Header**

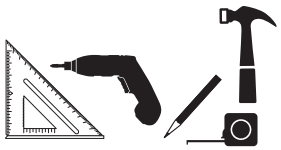
x5 **AL**
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

x1 **HVC**
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

x2 **UM**
2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

x64 3" (7,6 cm)

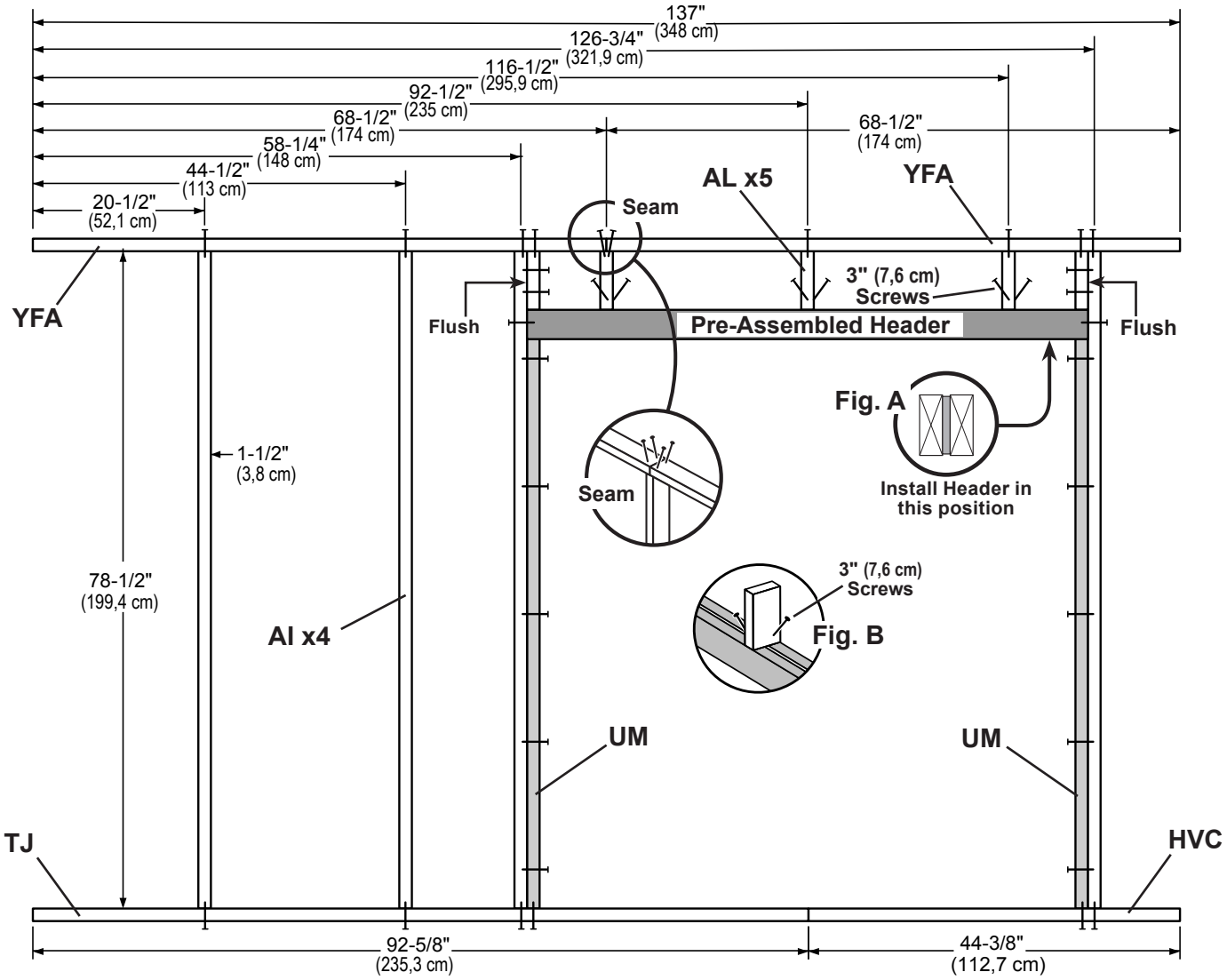
x6 3" (7,6 cm)



BEGIN

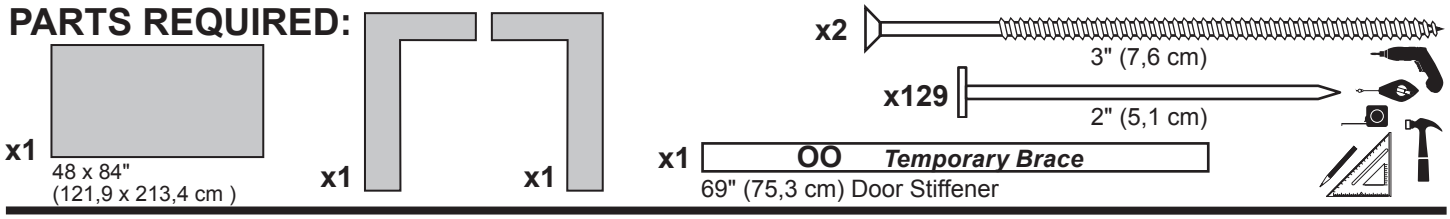
1. Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



12' EAVE WALL 06 WITH DOOR

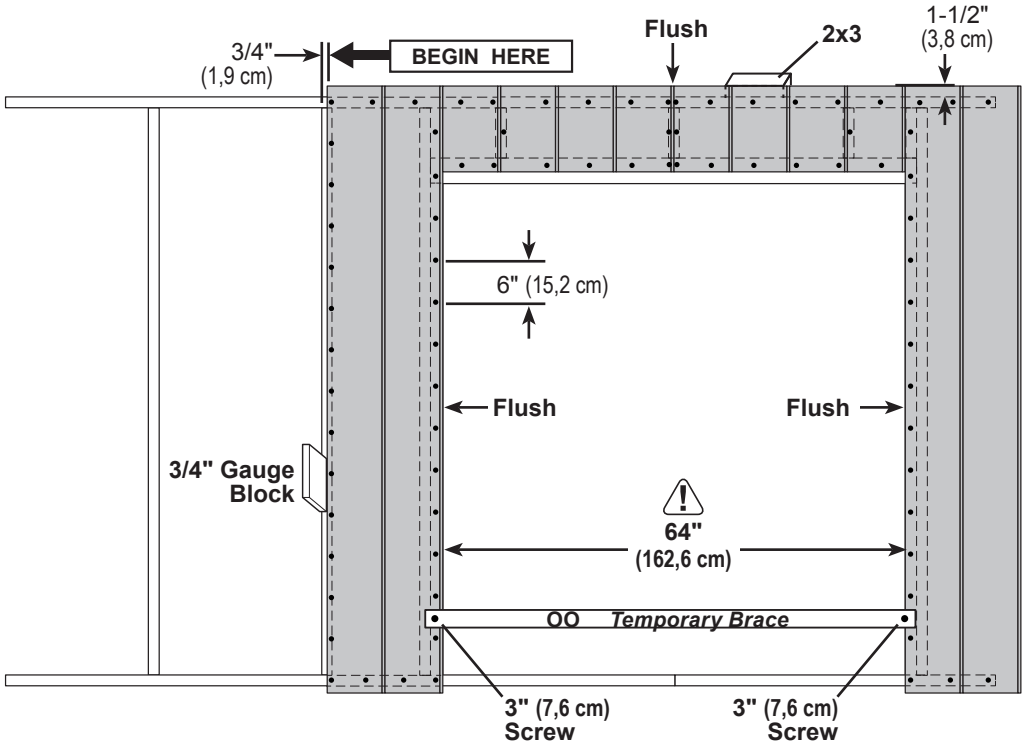
PARTS REQUIRED:



3 Install the left panel 1-1/2" from the top plate. Use a 2x3 spacer for consistent measurement. Secure panel with 2" nails spaced 6" apart on edges.

4 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.

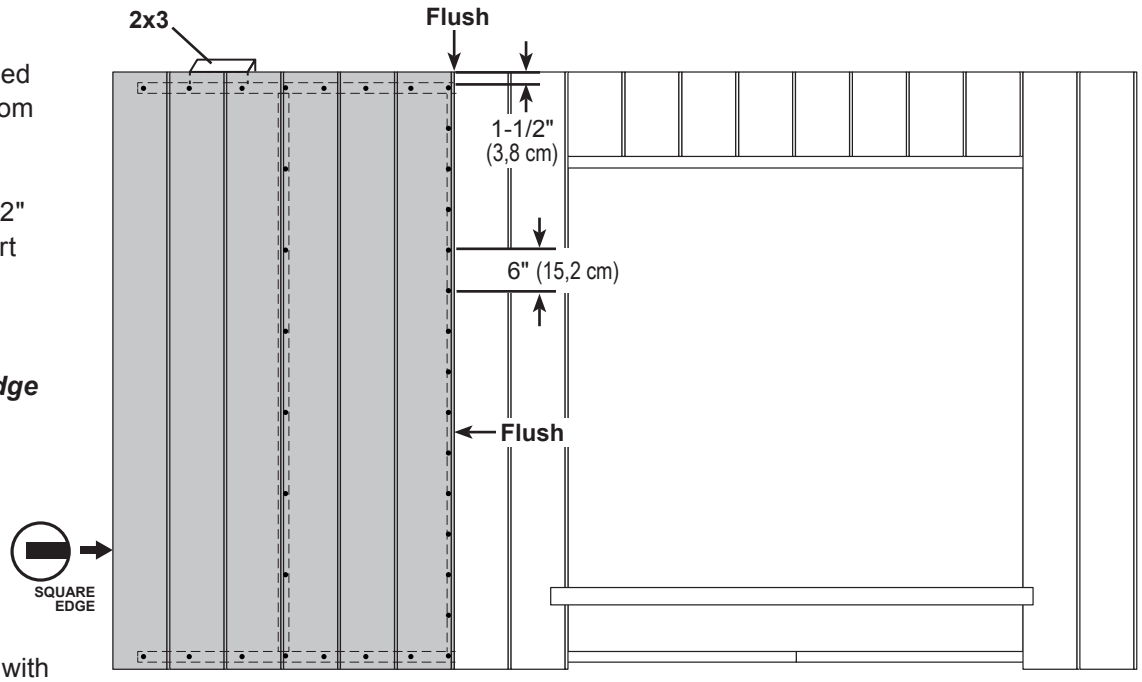
Secure panels with 2" nails spaced 6" apart on edges.



5 Install (1) **48" x 84"** panel flush to installed panels and 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

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

16' EAVE WALL 07

PARTS REQUIRED:

x1 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

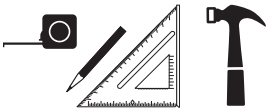
x2 SP
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

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

x7 AI
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

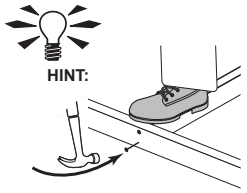
x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

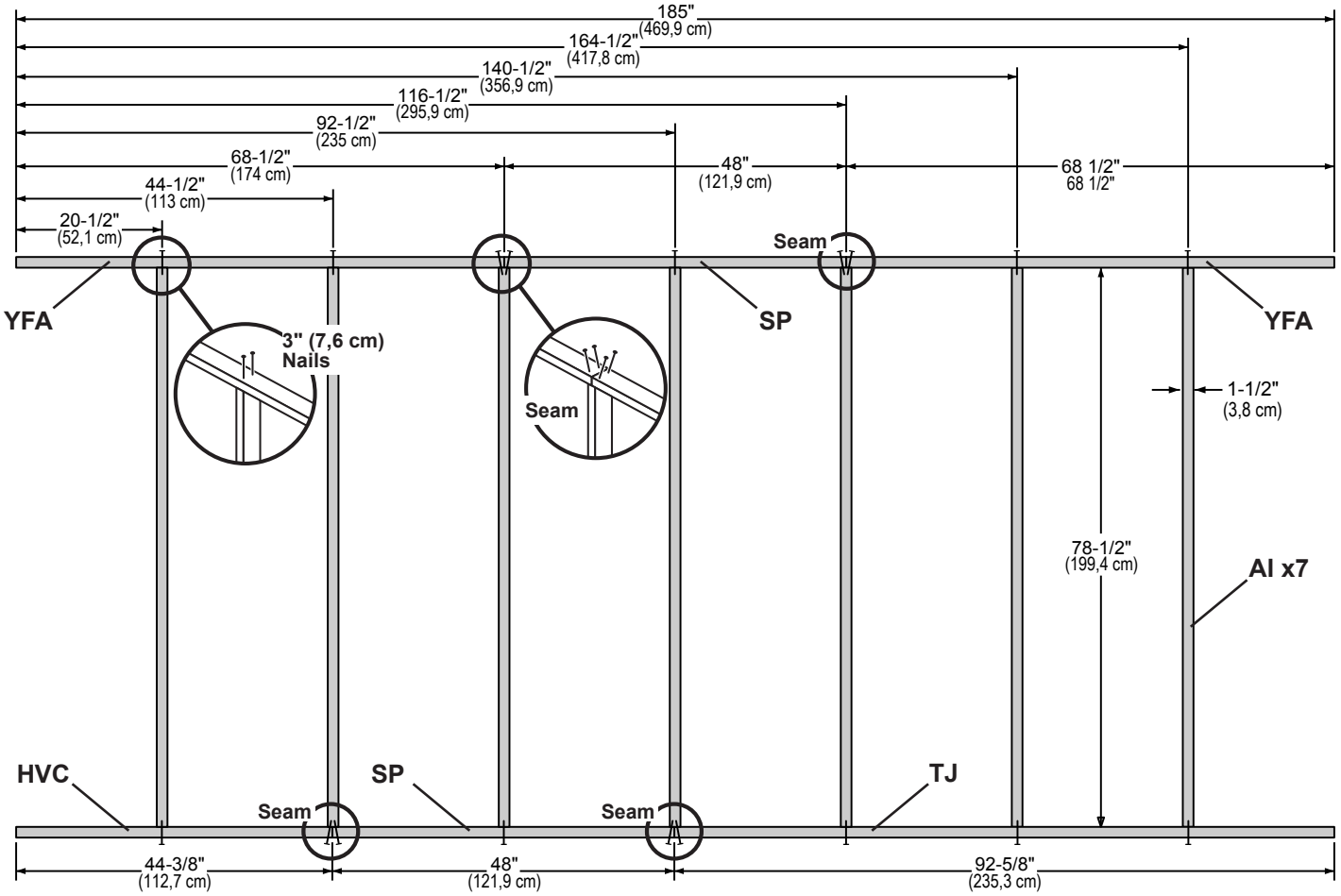
x36 3" (7,6 cm)



✓BEGIN

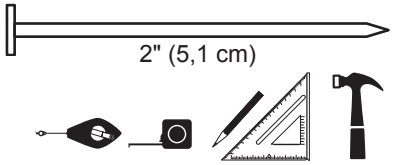
1 Orient parts on edge on floor. Measure and mark from end of boards. Secure with (2) 3" nails at each connection and (4) 3" nails at seams.





16' EAVE WALL 07

PARTS REQUIRED:



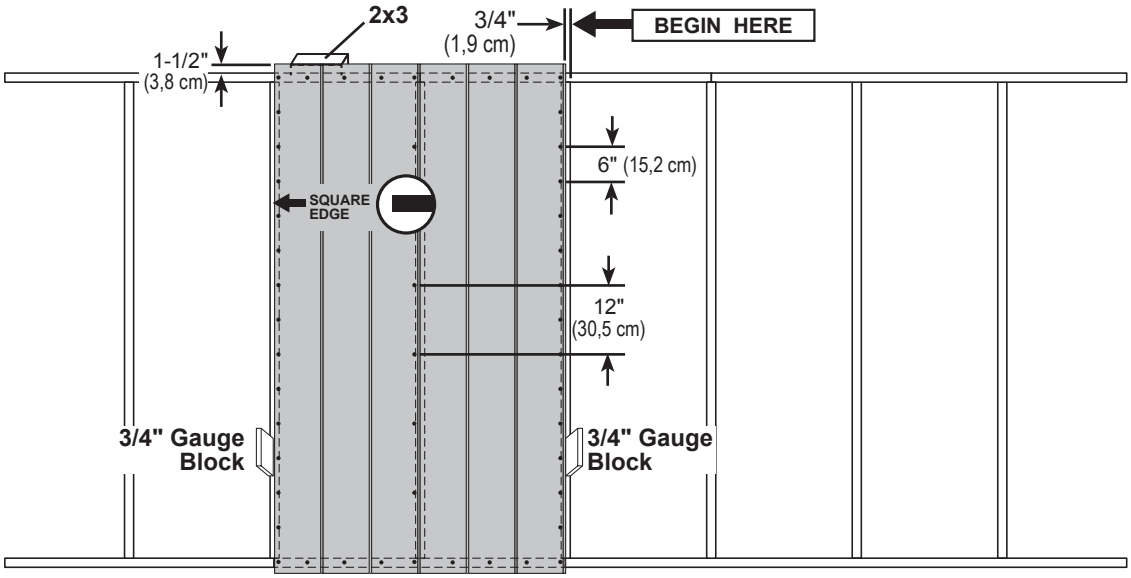
2

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

Use a 2x3 spacer for consistent measurement.

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

Note the panel lip-edge/square edge orientation.



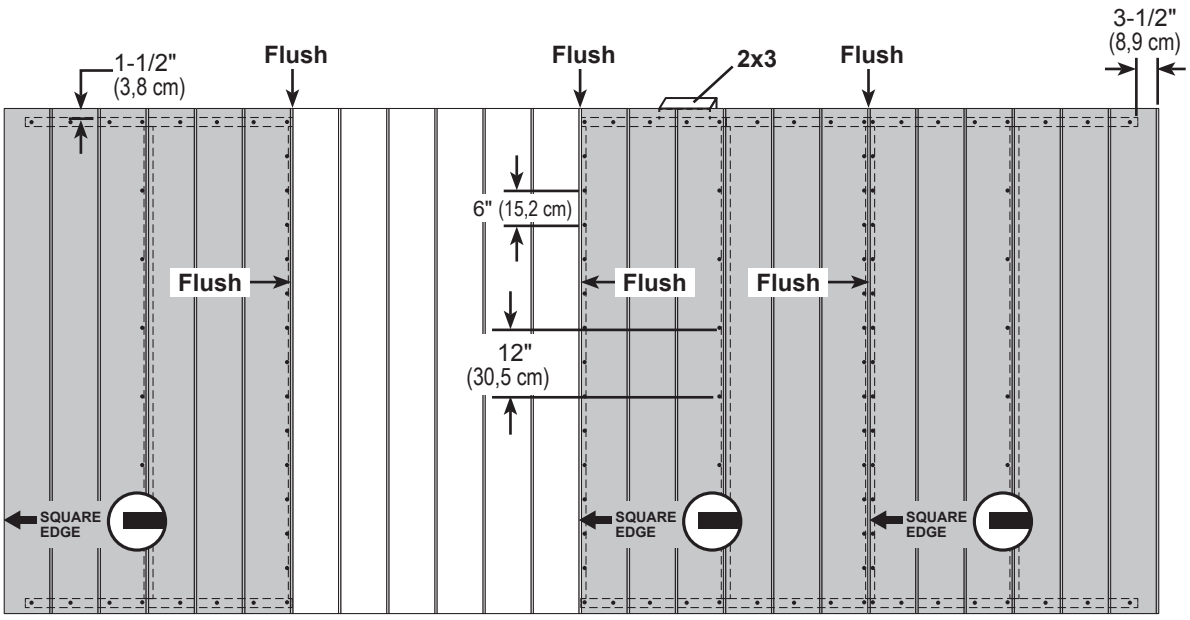
3

Install (3) **48" x 84"** panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

Your 16' eave wall 07 is now assembled.
Carefully flip the wall over.

16' EAVE WALL 08

PARTS REQUIRED:

x36 — 3" (7,6 cm)

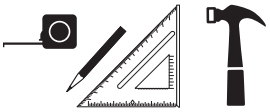
x1 **HVC** — 2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

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

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

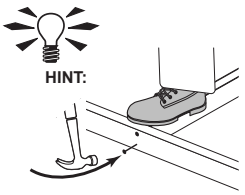
x7 **AI** — 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

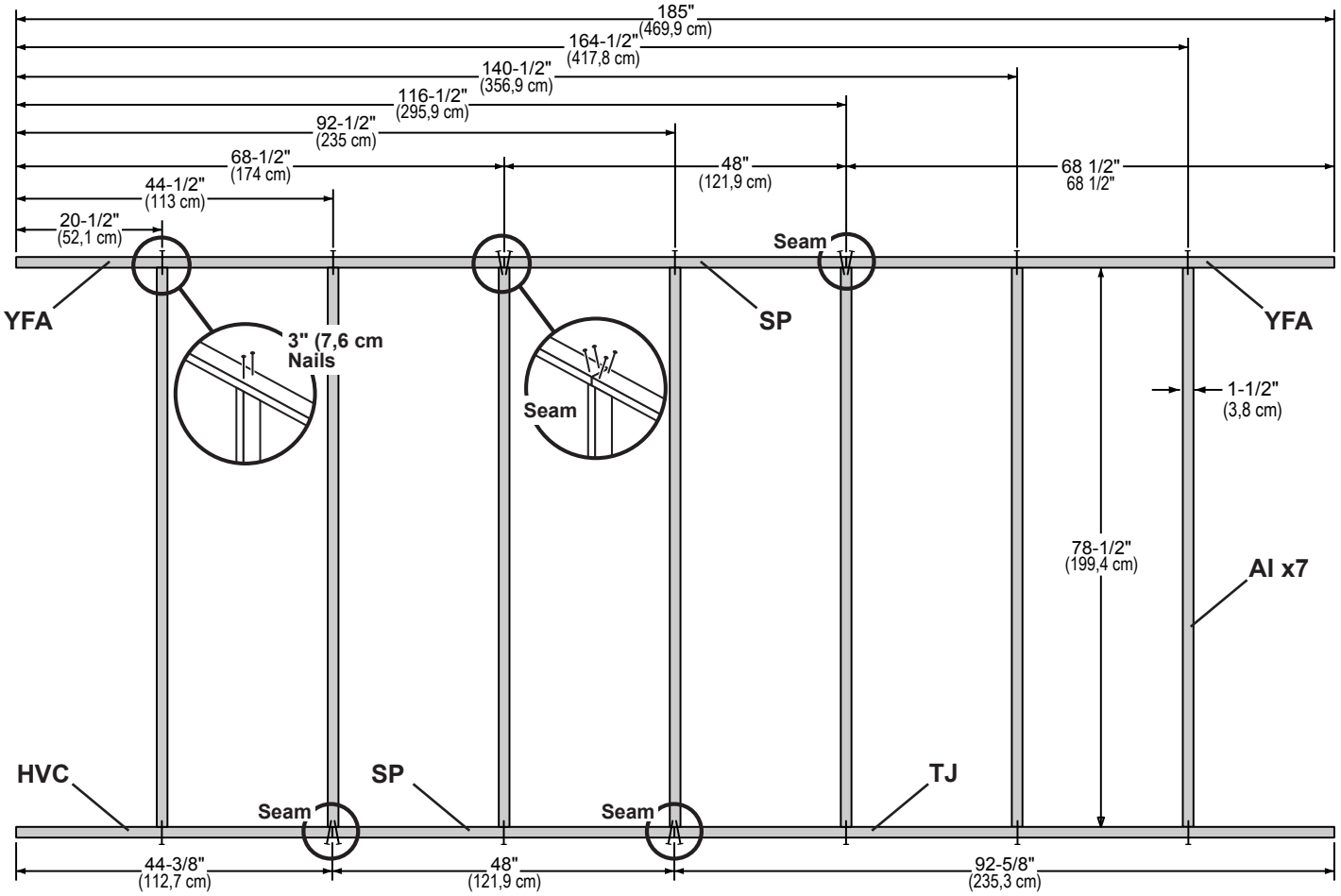
x1 **TJ** — 2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)



✓ **BEGIN**

1 Orient parts on edge on floor. Measure and mark from end of boards. Secure with (2) 3" nails at each connection and (4) 3" nails at seams.





16' EAVE WALL 08

PARTS REQUIRED:

x2 — 23-7/8 x 84" (60,6 x 213,4 cm)

x3 — 48 x 84" (121,9 x 213,4 cm)

x192 — 2" (5,1 cm)

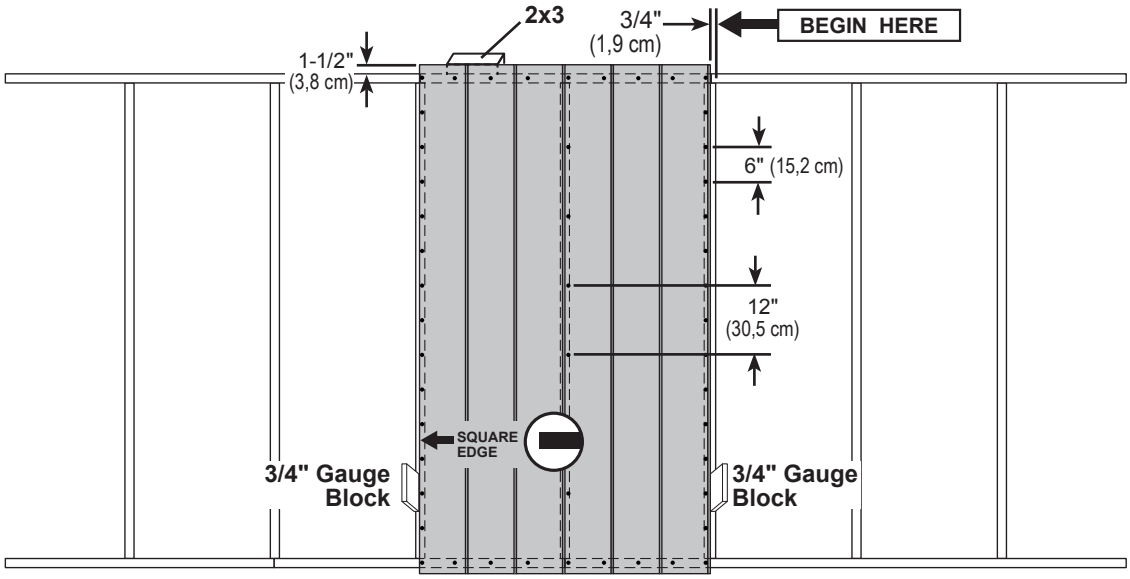
2

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

Use a 2x3 spacer for consistent measurement.

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

Note the panel lip-edge/square edge orientation.



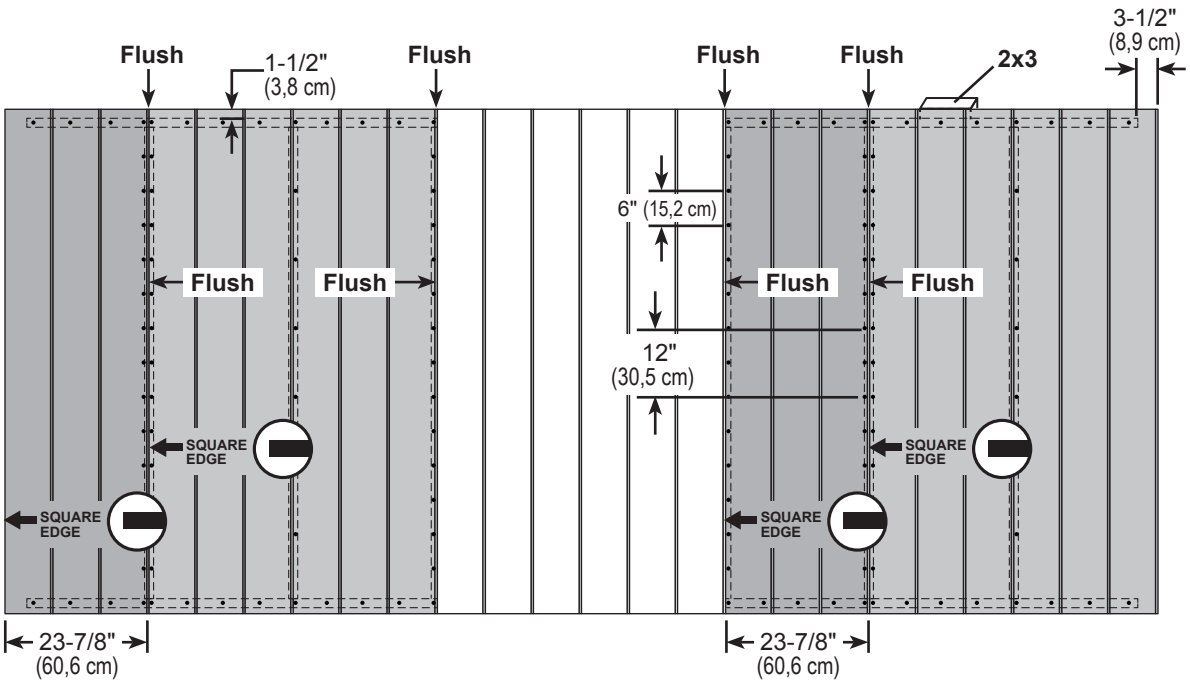
3

Install (2) **48" x 84"** and (2) **23-7/8" x 84"** panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

Your 16' eave wall 08 is now assembled.
Carefully flip the wall over.

16' EAVE WALL 09 WITH DOOR

PARTS REQUIRED:

x5 AL
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

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

x2 UM
2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

x1 YFA
2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

x1 Pre Assembled Header

x1 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

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

x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

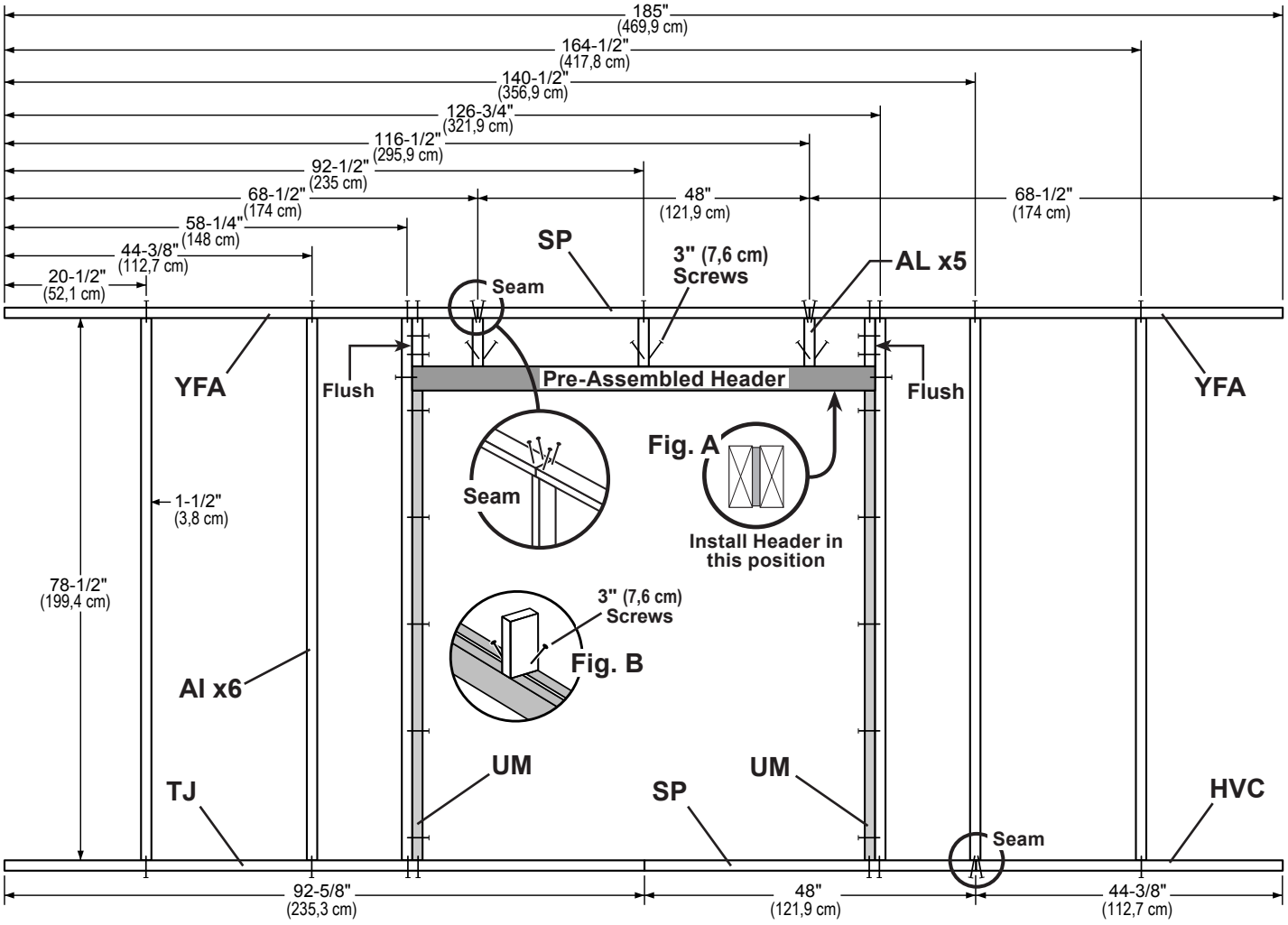
x76 3" (7,6 cm)

x6 3" (7,6 cm)

✓BEGIN

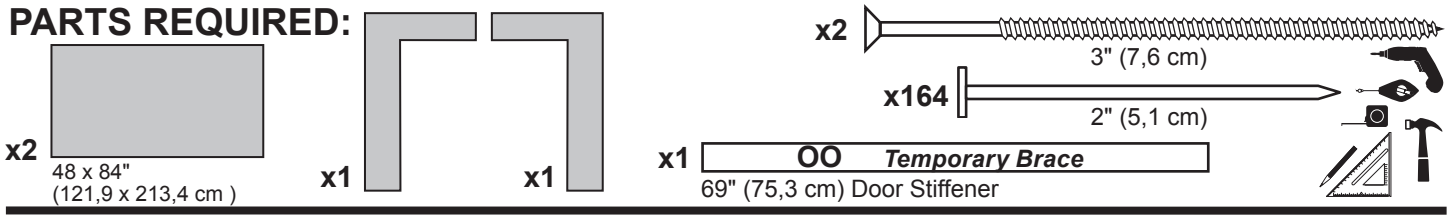
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



16' EAVE WALL 09 WITH DOOR

PARTS REQUIRED:



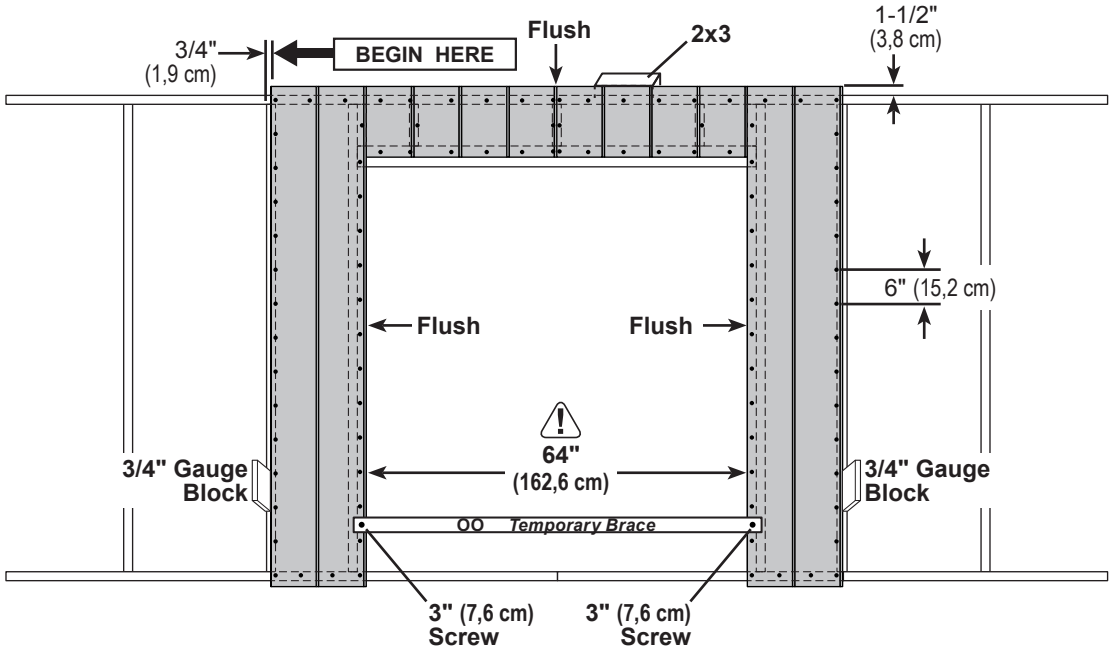
3

Install the left panel 1-1/2" from the top plate.
Use a 2x3 spacer for consistent measurement.
Secure panel with 2" nails spaced 6" apart on edges.

4

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.

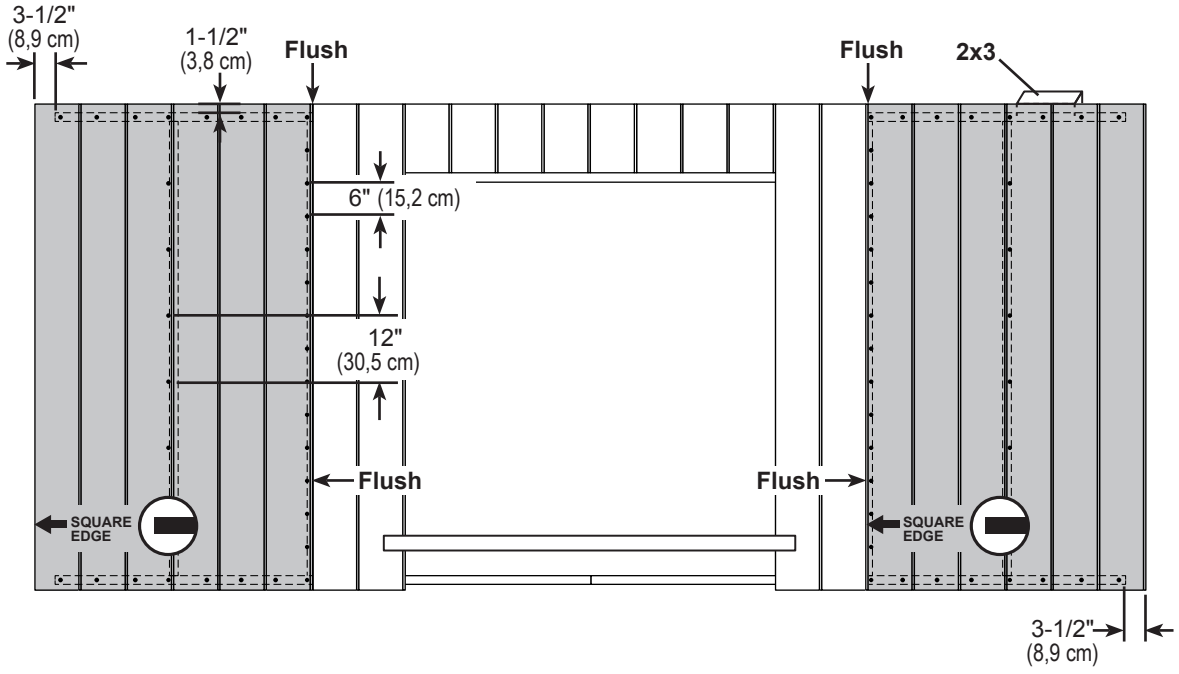


5

Install (2) **48" x 84"** panel flush to installed panels and 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

Your 16' eave wall 09 with door is now assembled.
Carefully flip the wall over.

16' EAVE WALL 10 WITH DOOR

PARTS REQUIRED:

x5 AL
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

x1 SP
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x2 UM
2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

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

x1 Pre Assembled Header

x1 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

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

x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

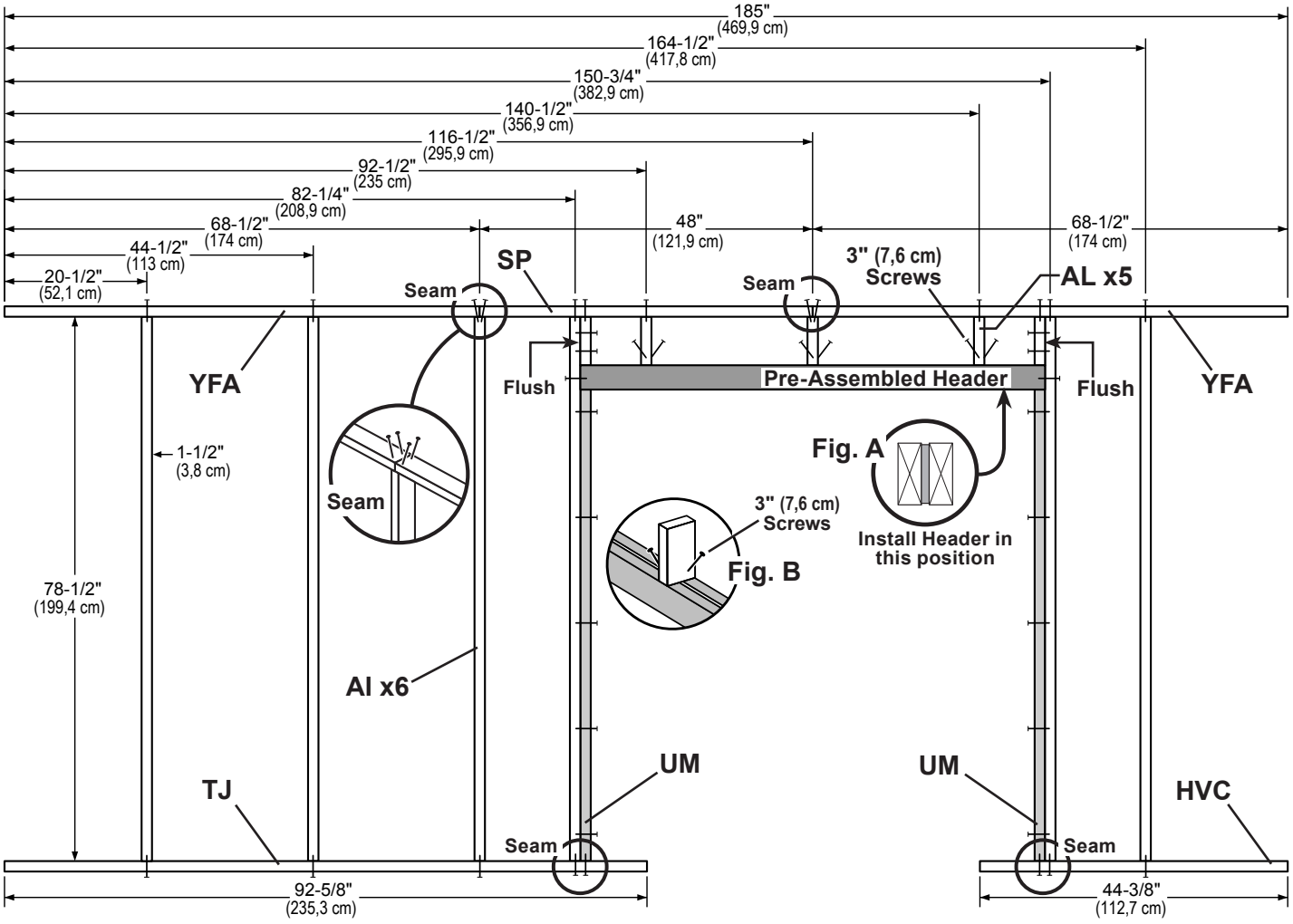
x74 3" (7,6 cm)

x6 3" (7,6 cm)

BEGIN

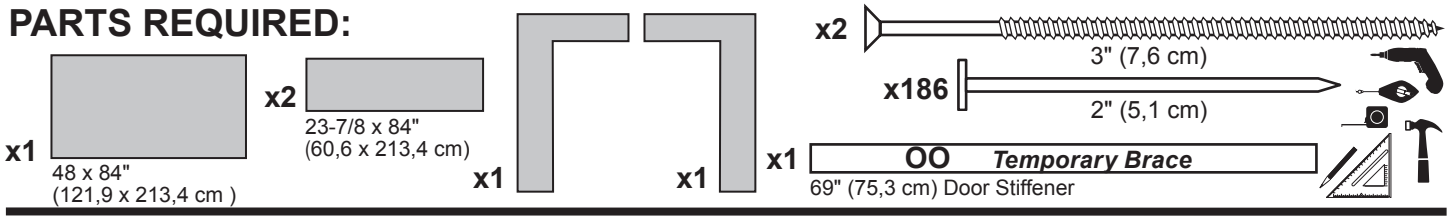
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



16' EAVE WALL 10 WITH DOOR

PARTS REQUIRED:



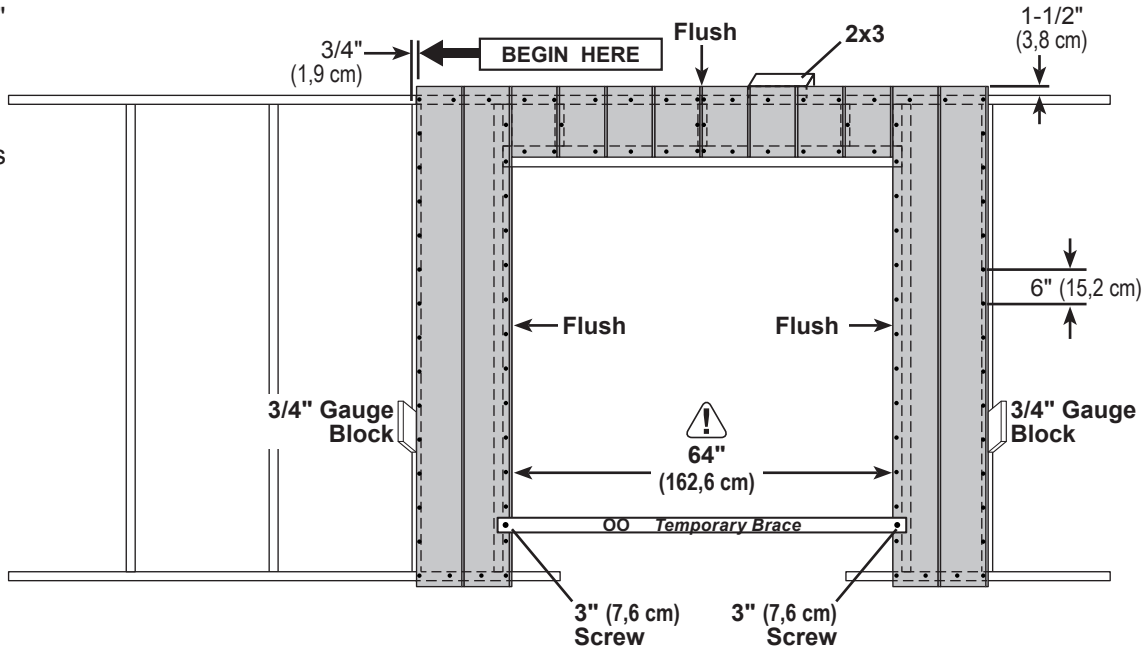
3

Install the left panel 1-1/2" from the top plate.
Use a 2x3 spacer for consistent measurement.
Secure panel with 2" nails spaced 6" apart on edges.

4

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.

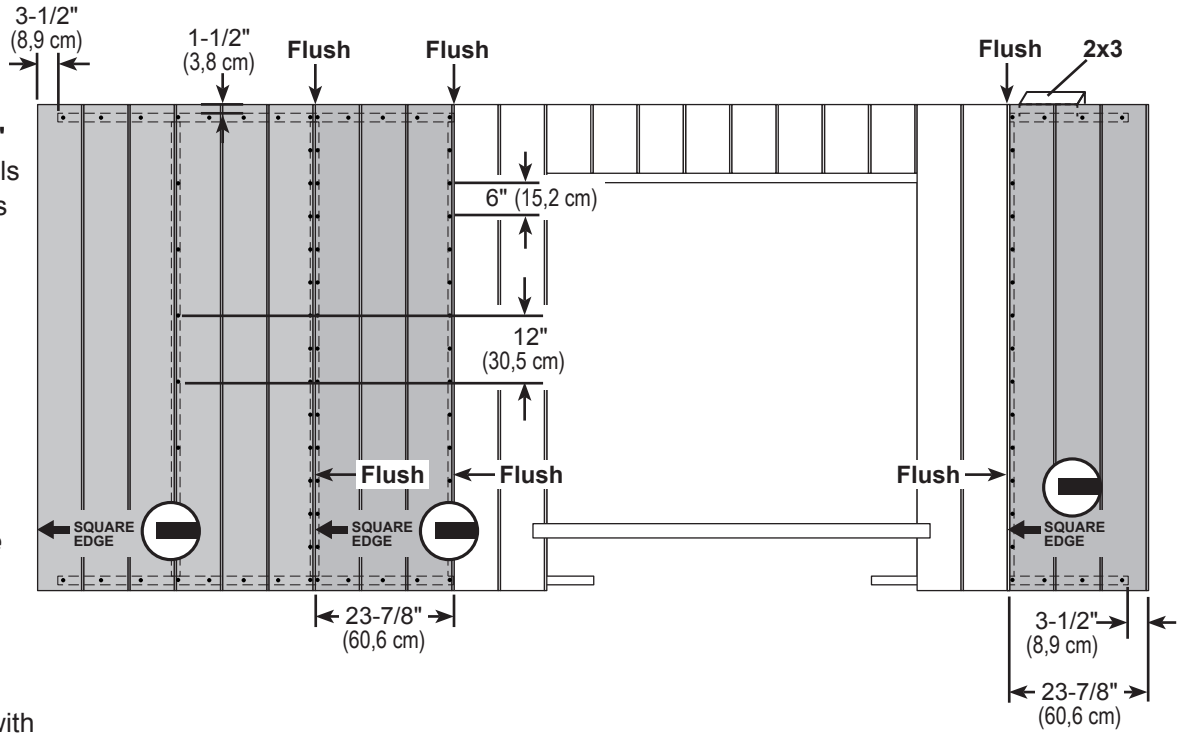


5

Install (2) **23-7/8" x 84"** and (1) **48" x 84"** panels flush to installed panels and 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

Your 16' eave wall 10 with door is now assembled.
Carefully flip the wall over.

16' EAVE WALL 11 WITH DOOR

PARTS REQUIRED:

x5 AL
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

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

x2 UM
2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

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

x1 Pre Assembled Header

x1 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

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

x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

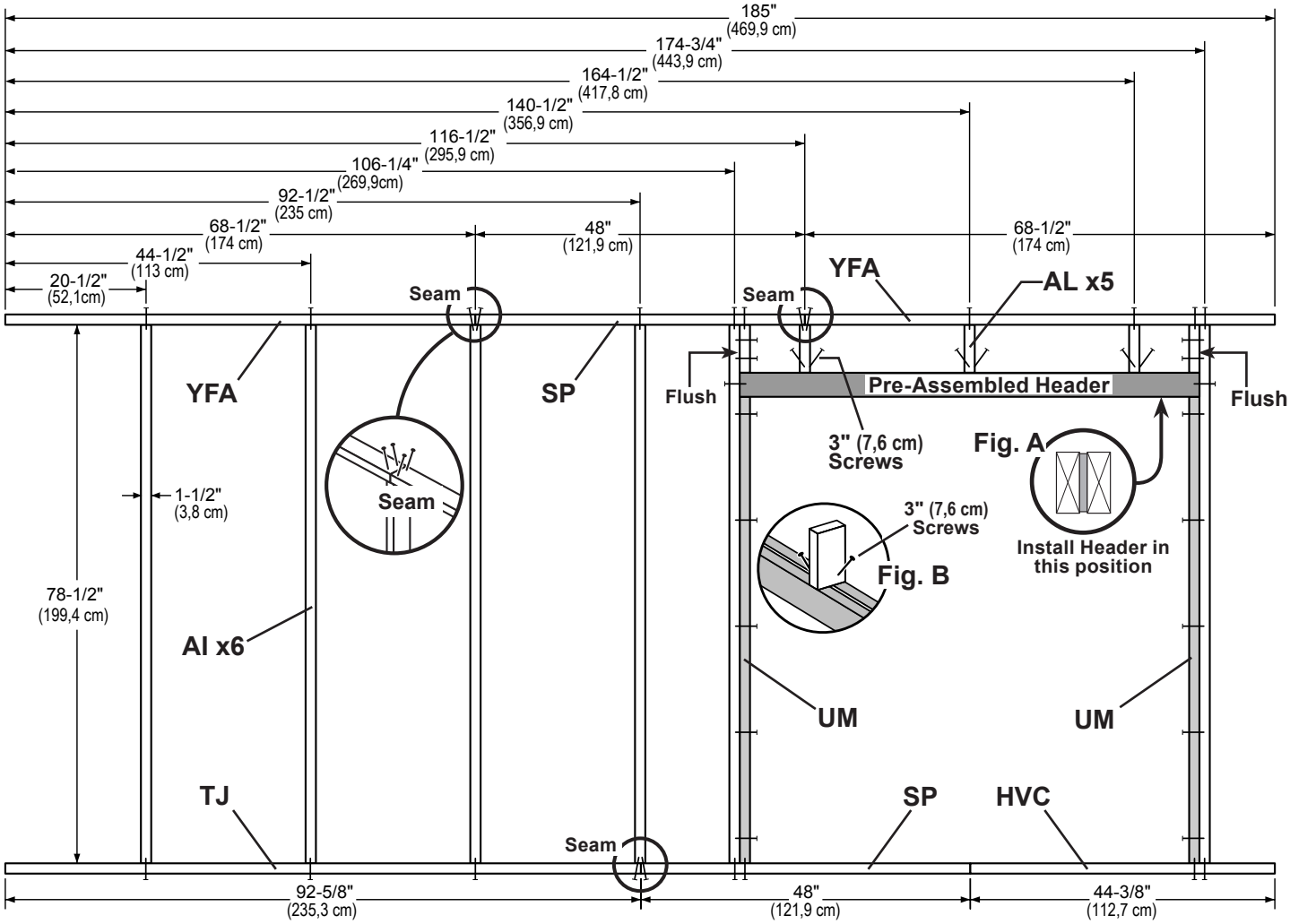
x76 3" (7,6 cm)

x6 3" (7,6 cm)

BEGIN

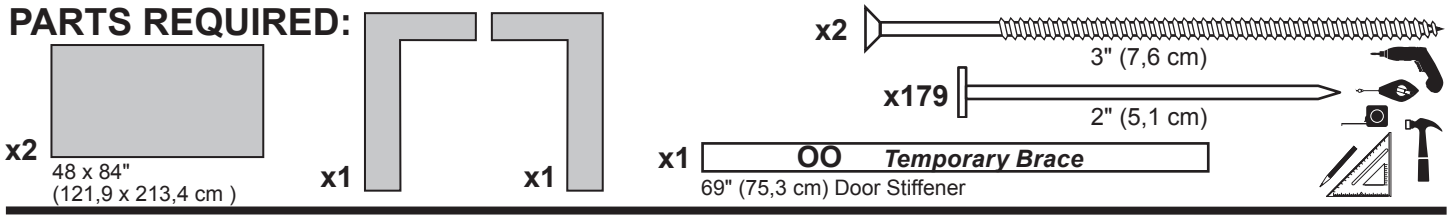
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



16' EAVE WALL 11 WITH DOOR

PARTS REQUIRED:



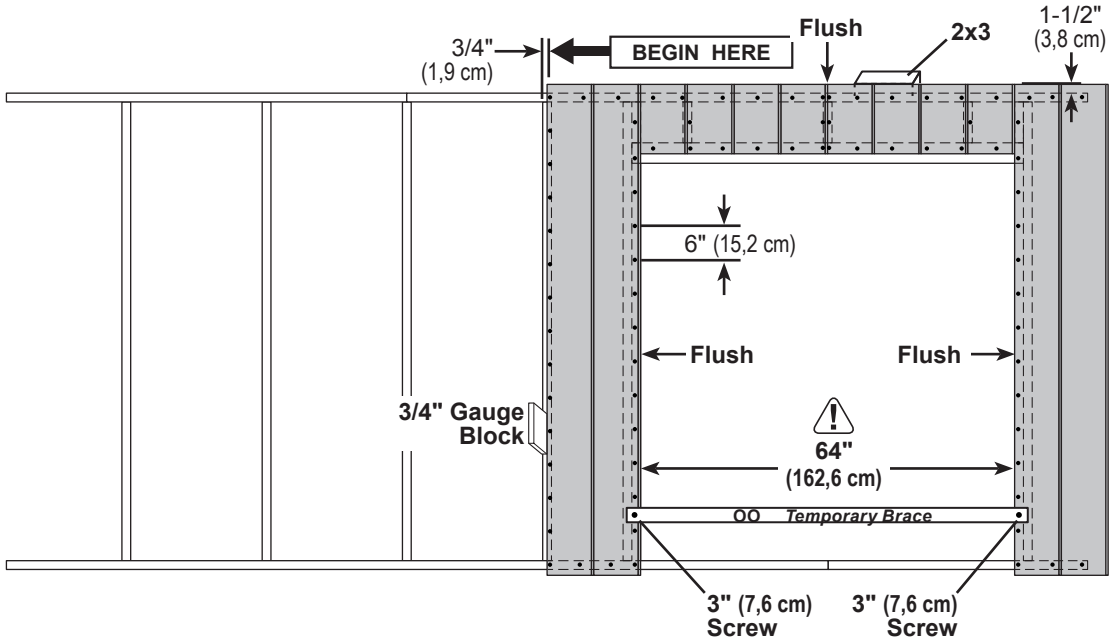
3

Install the left panel 1-1/2" from the top plate.
Use a 2x3 spacer for consistent measurement.
Secure panel with 2" nails spaced 6" apart on edges.

4

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.

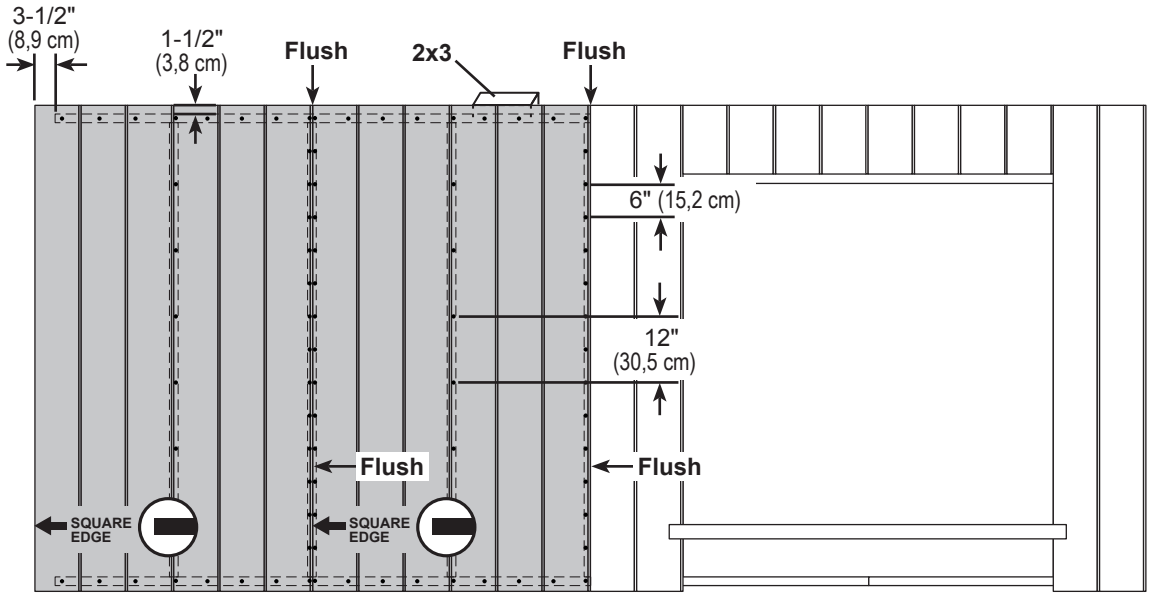


5

Install (2) **48" x 84"** panels flush to installed panels and 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

Your 16' eave wall 11 with door is now assembled.
Carefully flip the wall over.

20' EAVE WALL 12

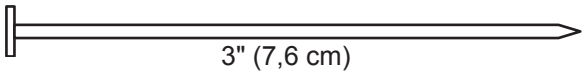
PARTS REQUIRED:

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

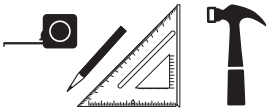
x9 AI
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

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

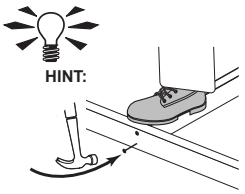
x44

3" (7,6 cm)

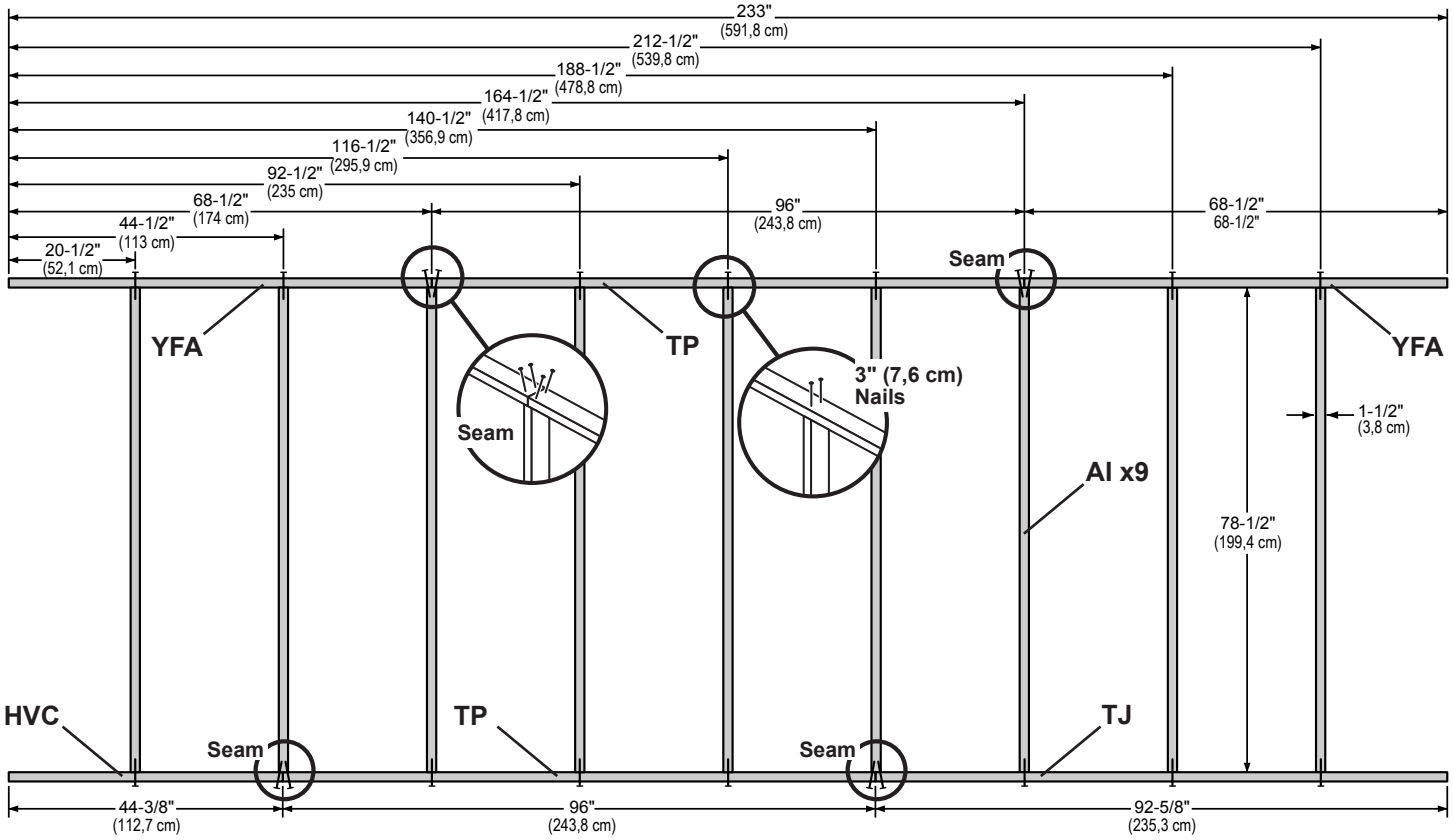
x1 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)



✓BEGIN

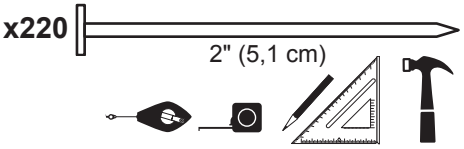
1 Orient parts on edge on floor. Measure and mark from end of boards. Secure with (2) 3" nails at each connection and (4) 3" nails at seams.





20' EAVE WALL 12

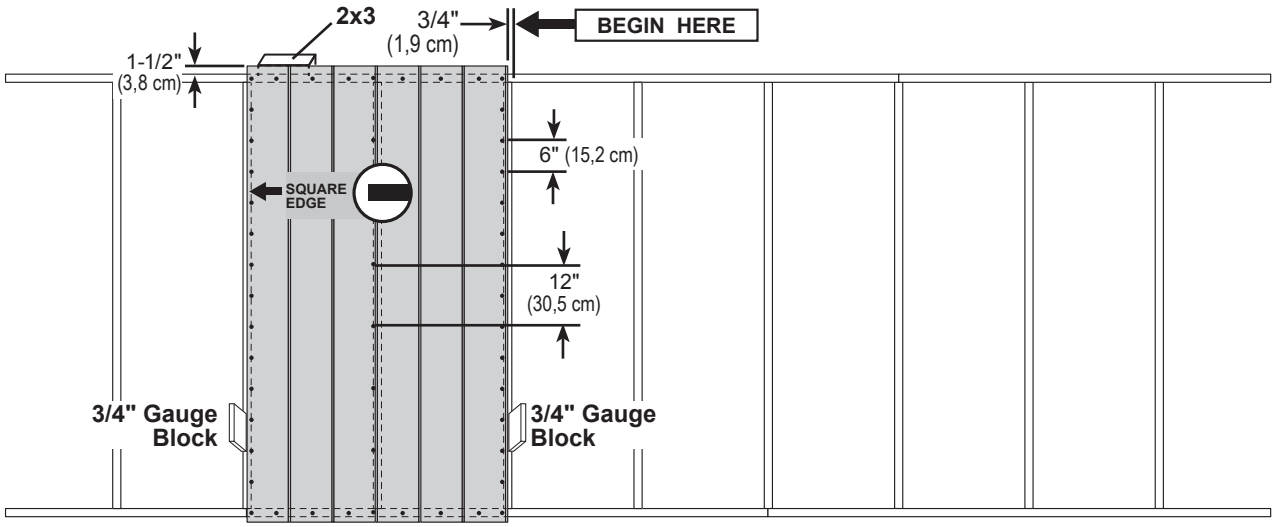
PARTS REQUIRED:



2 Install (1) **48" x 84"** panel 1-1/2" from the top plate. Use a 2x3 spacer for consistent measurement.

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

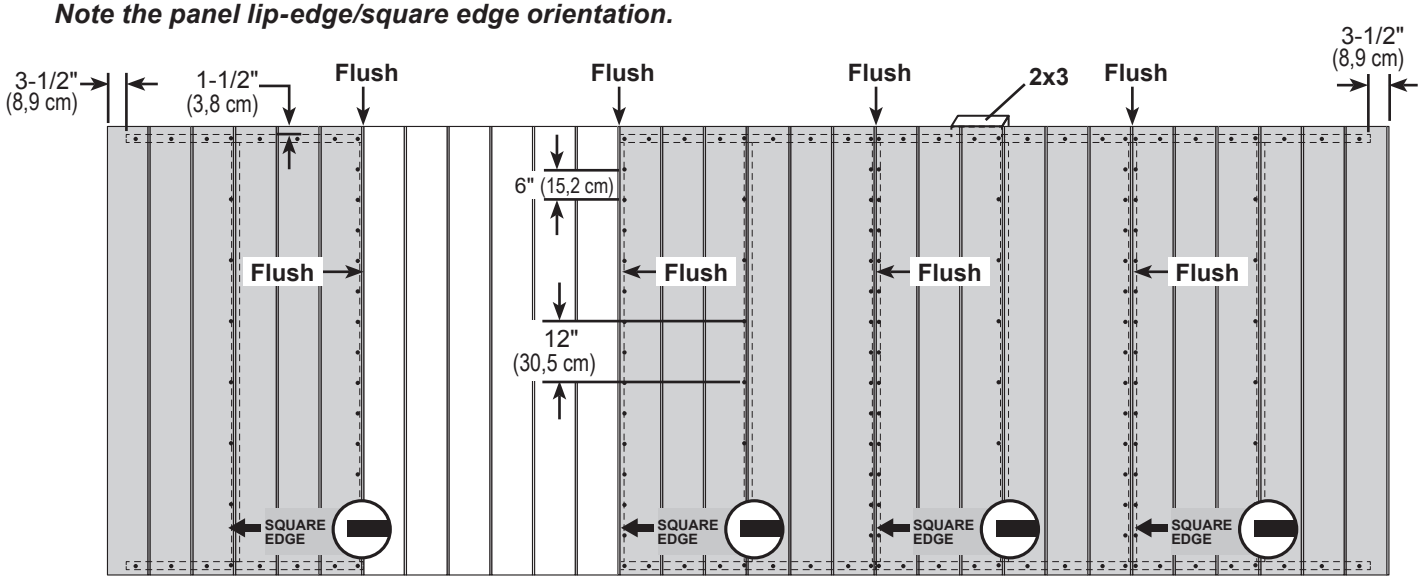
Note the panel lip-edge/square edge orientation.



3 Install (4) **48" x 84"** panels flush to installed panels. Locate panels 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

Your 20' eave wall 12 is now assembled.
Carefully flip the wall over.

20' EAVE WALL 13 WITH DOOR

PARTS REQUIRED:

x5 AL
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

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

x2 UM
2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

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

x1 Pre Assembled Header

x1 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

x8 AI
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

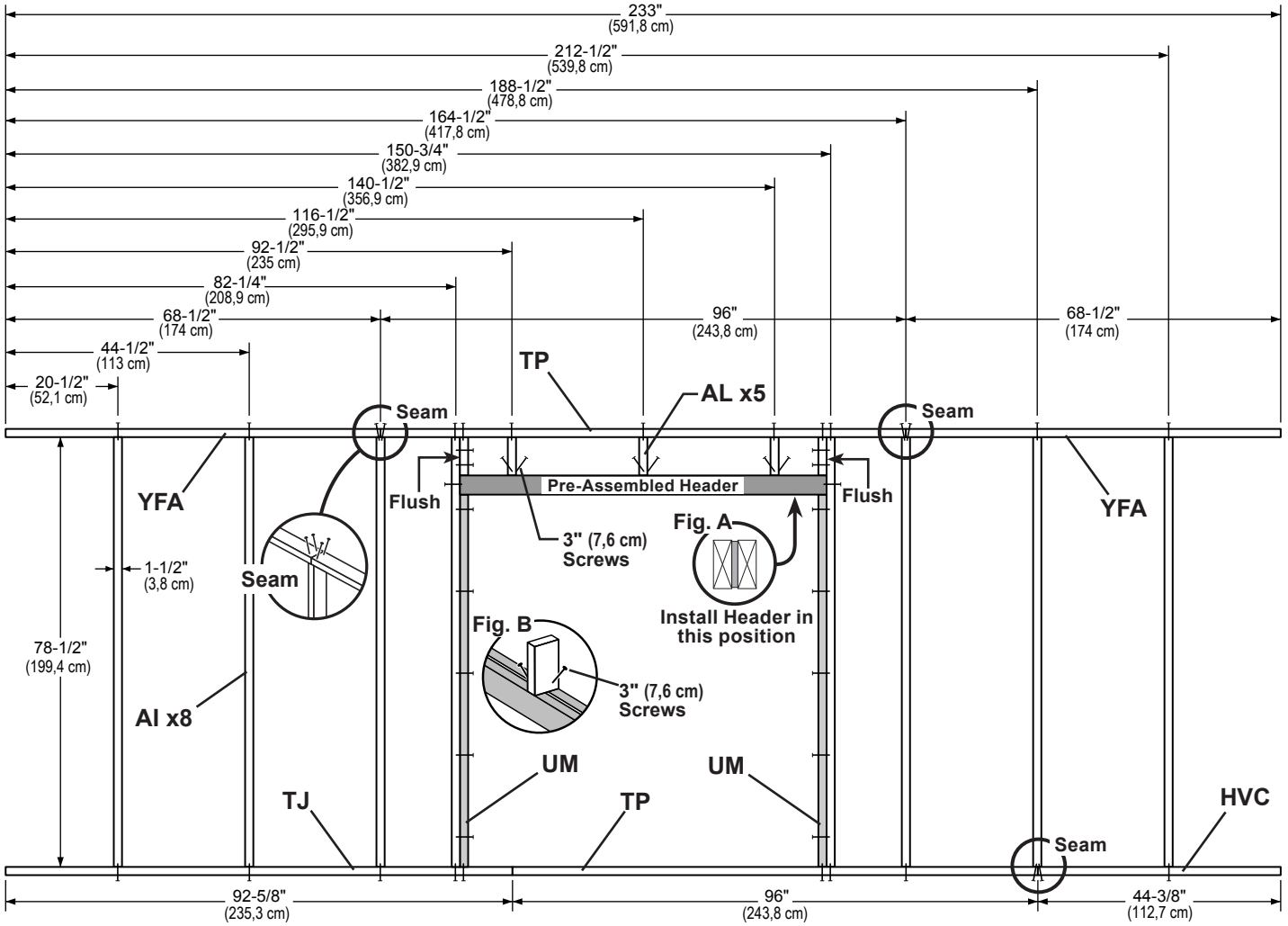
x88 3" (7,6 cm)

x6 3" (7,6 cm)

BEGIN

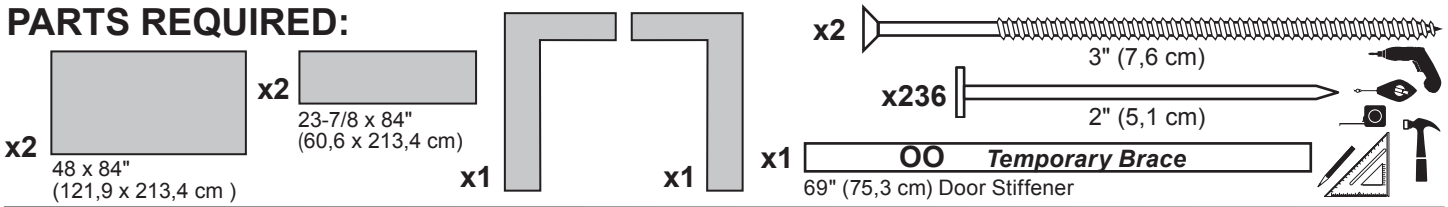
1. Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



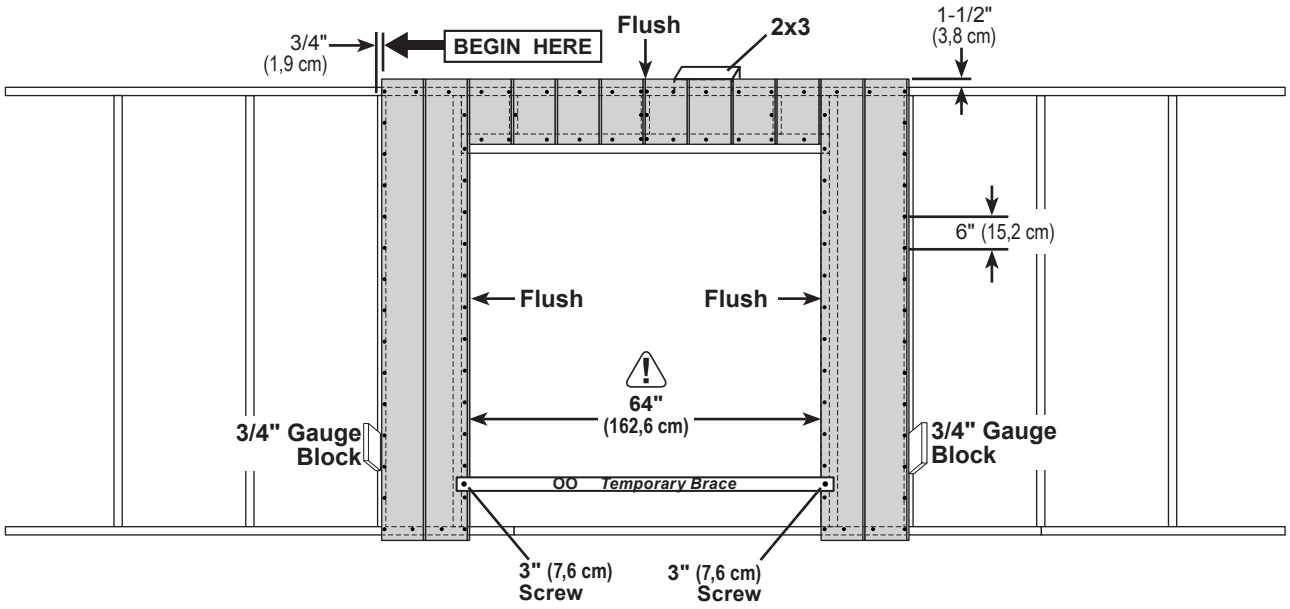
20' EAVE WALL 13 WITH DOOR

PARTS REQUIRED:

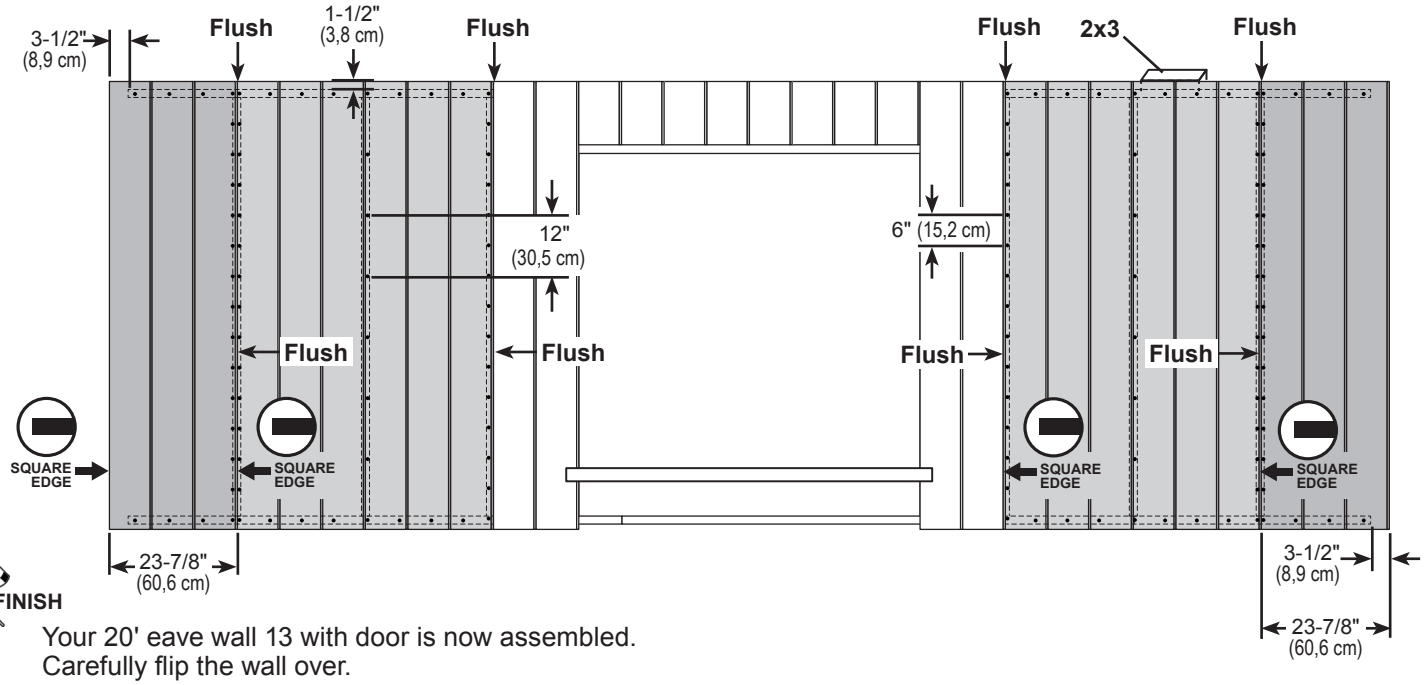


3 Install the left panel 1-1/2" from the top plate. Use a 2x3 spacer for consistent measurement.
Secure panel with 2" nails spaced 6" apart on edges.

4 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.



5 Install (2) **48" x 84"** panel flush to installed panels and 1-1/2" from the top plate.
Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.
Note the panel lip-edge/square edge orientation.



FINISH

Your 20' eave wall 13 with door is now assembled.
Carefully flip the wall over.

20' EAVE WALL 14 WITH DOOR

PARTS REQUIRED:

x5 AL
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

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

x2 UM
2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

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

x1 Pre Assembled Header

x1 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

x8 AI
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

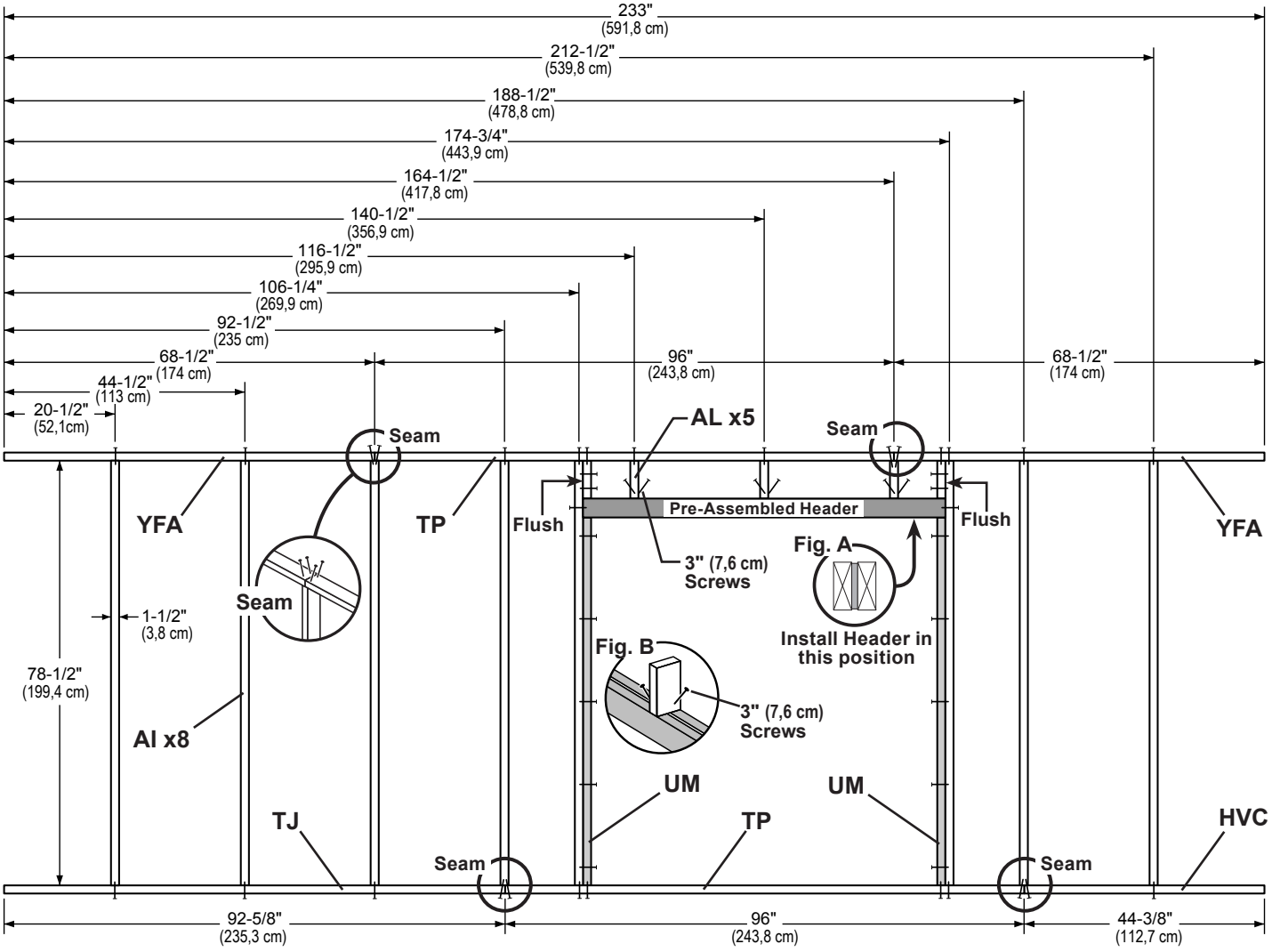
x86 3" (7,6 cm)

x6 3" (7,6 cm)

BEGIN

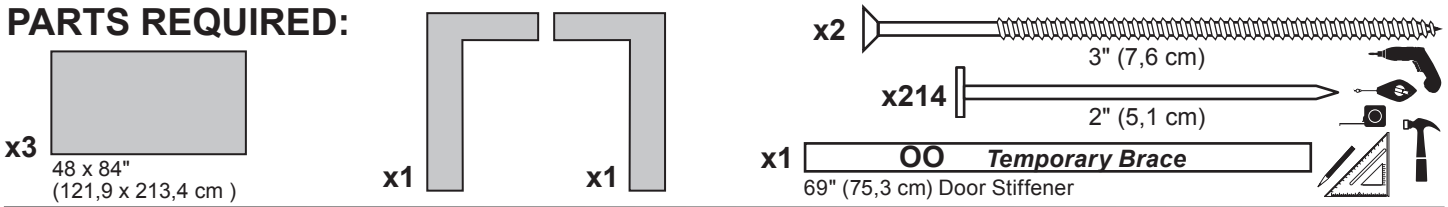
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



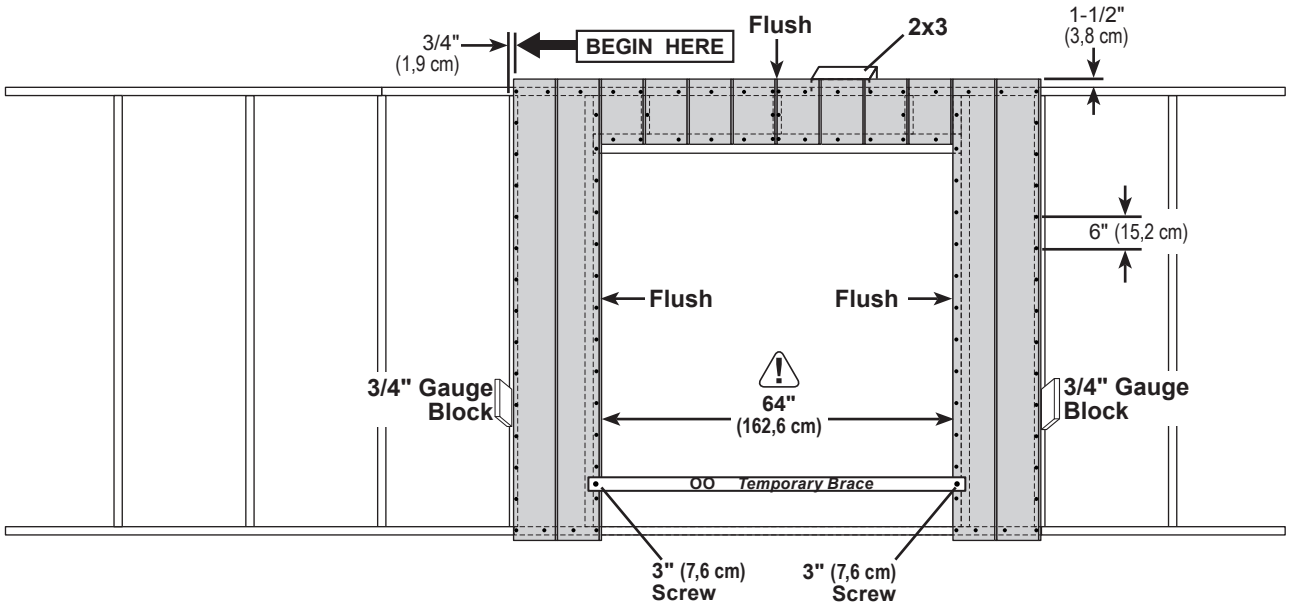
20' EAVE WALL 14 WITH DOOR

PARTS REQUIRED:

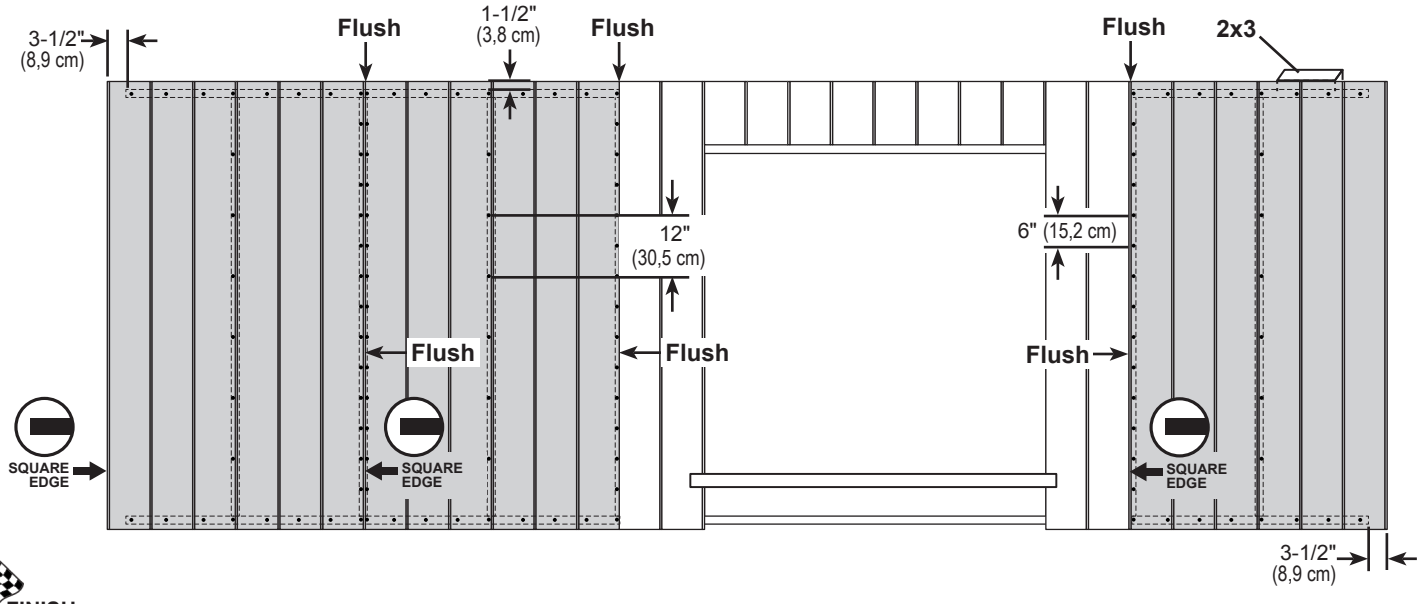


3 Install the left panel 1-1/2" from the top plate. Use a 2x3 spacer for consistent measurement. Secure panel with 2" nails spaced 6" apart on edges.

4 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.



5 Install (3) **48" x 84"** panel flush to installed panels and 1-1/2" from the top plate. Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.
Note the panel lip-edge/square edge orientation.



FINISH

Your 20' eave wall 14 with door is now assembled.
Carefully flip the wall over.

20' EAVE WALL 15 WITH DOOR

PARTS REQUIRED:

x5 AL
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

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

x2 UM
2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

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

x1 Pre Assembled Header

x1 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

x8 AI
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

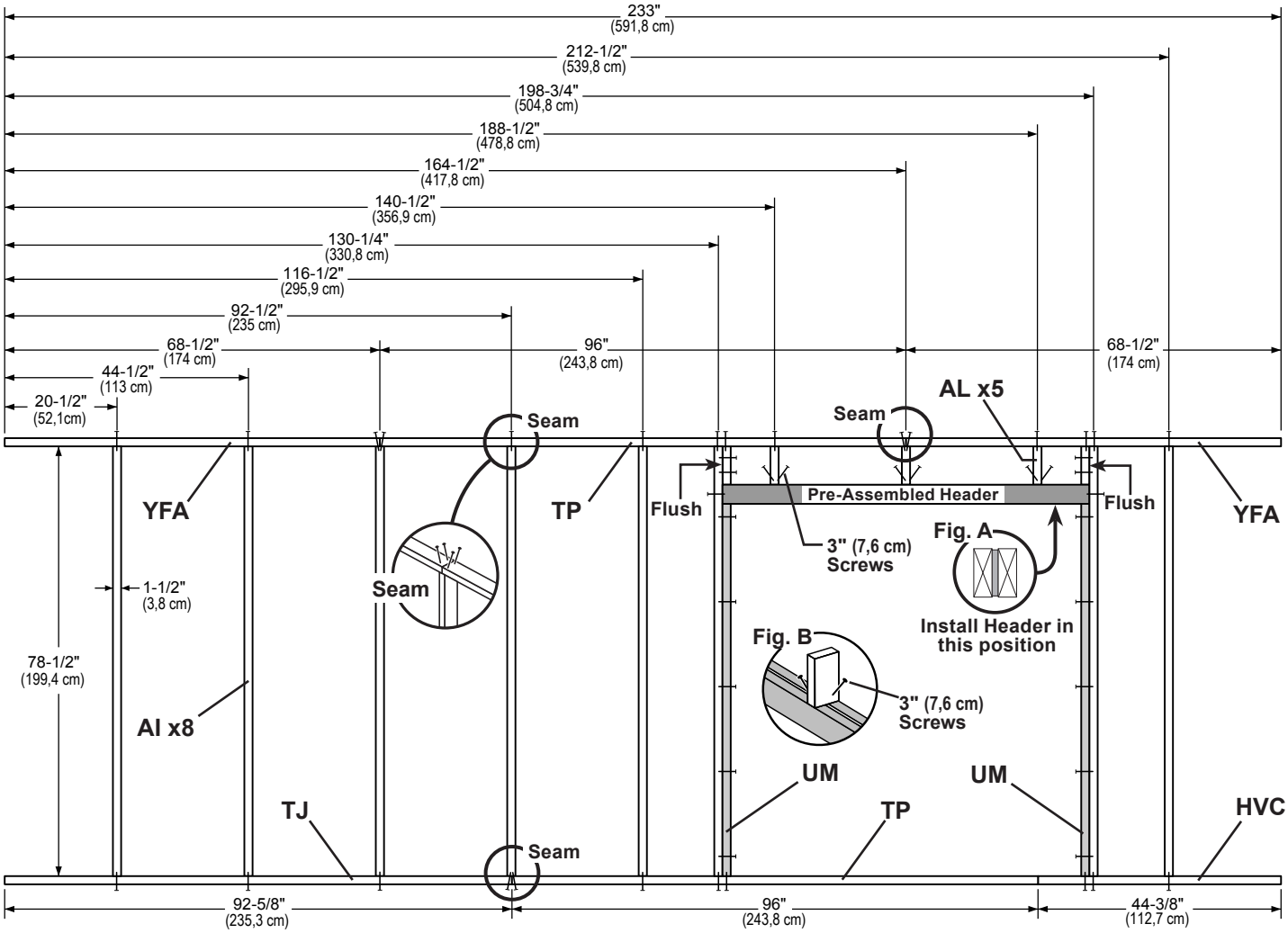
x84 3" (7,6 cm)

x6 3" (7,6 cm)

BEGIN

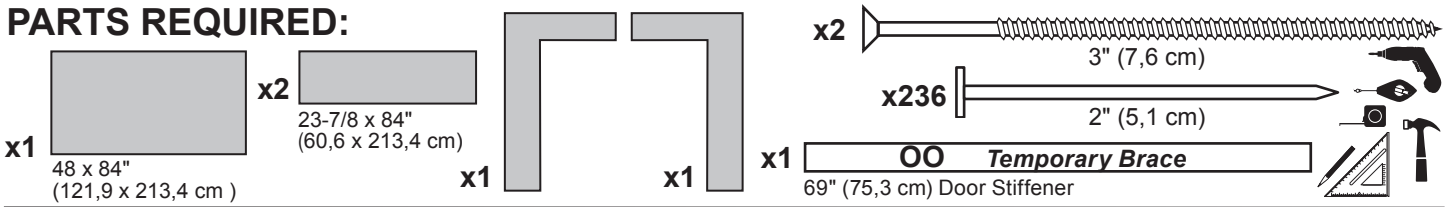
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



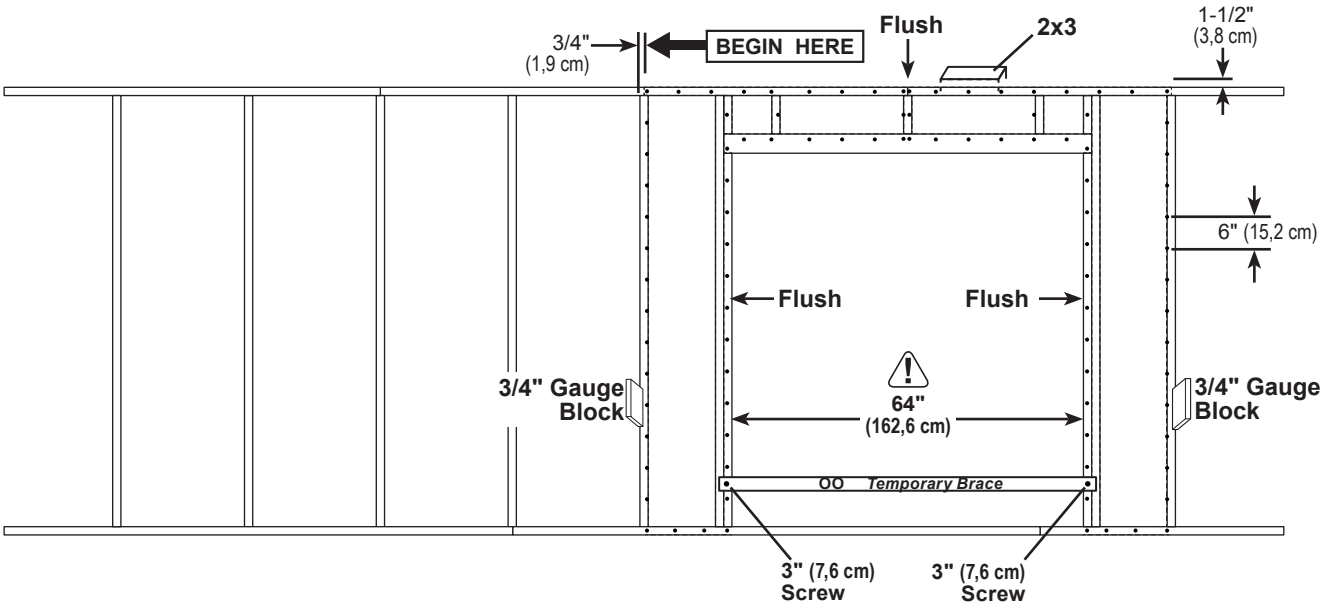
20' EAVE WALL 15 WITH DOOR

PARTS REQUIRED:

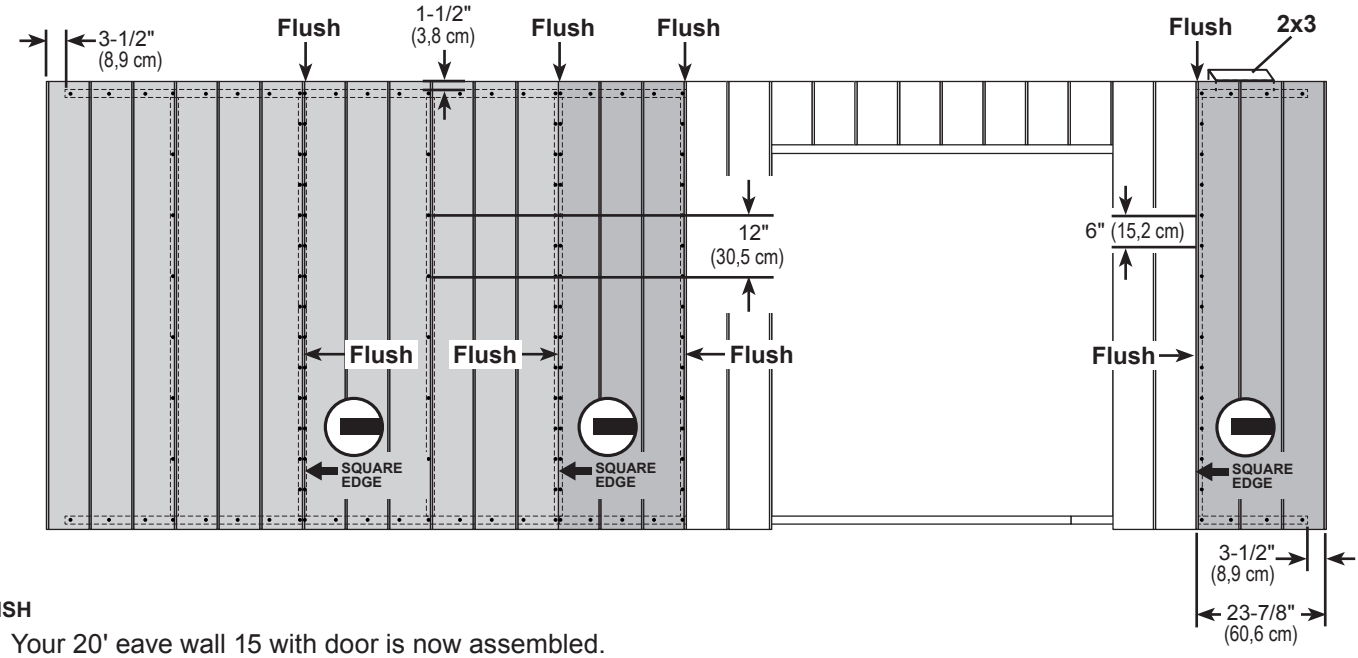


3 Install the left panel 1-1/2" from the top plate. Use a 2x3 spacer for consistent measurement. Secure panel with 2" nails spaced 6" apart on edges.

4 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.



5 Install (3) **48" x 84"** panel flush to installed panels and 1-1/2" from the top plate. Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.
Note the panel lip-edge/square edge orientation.



FINISH

Your 20' eave wall 15 with door is now assembled.
Carefully flip the wall over.

24' EAVE WALL 16

PARTS REQUIRED:

x56 3" (7,6 cm)

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

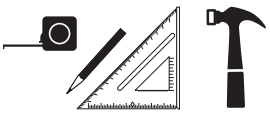
x11 AI
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

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

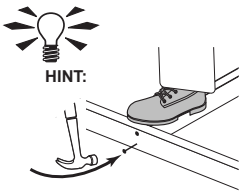
x1 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

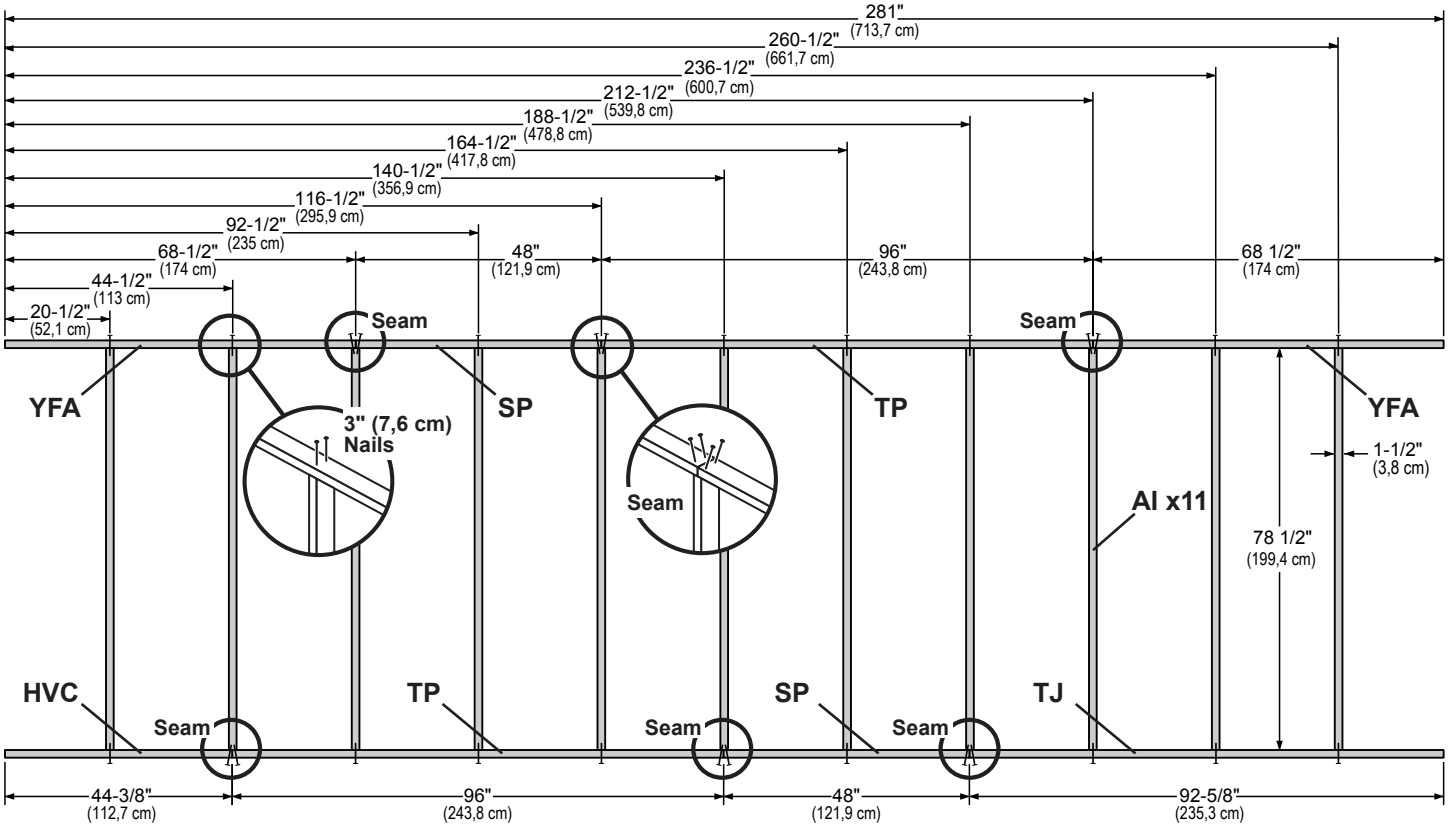
x2 SP
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)



BEGIN

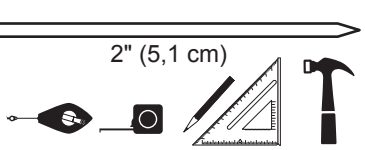
1 Orient parts on edge on floor. Measure and mark from end of boards. Secure with (2) 3" nails at each connection and (4) 3" nails at seams.





24' EAVE WALL 16

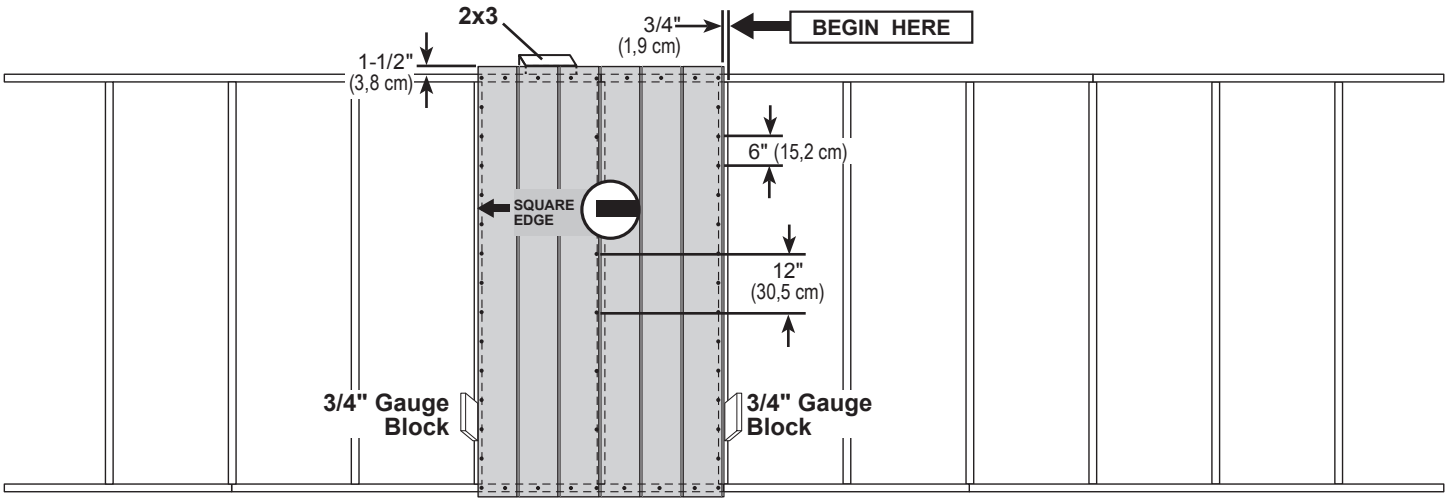
PARTS REQUIRED:



2 Install (1) **48" x 84"** panel 1-1/2" from the top plate. Use a 2x3 spacer for consistent measurement.

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

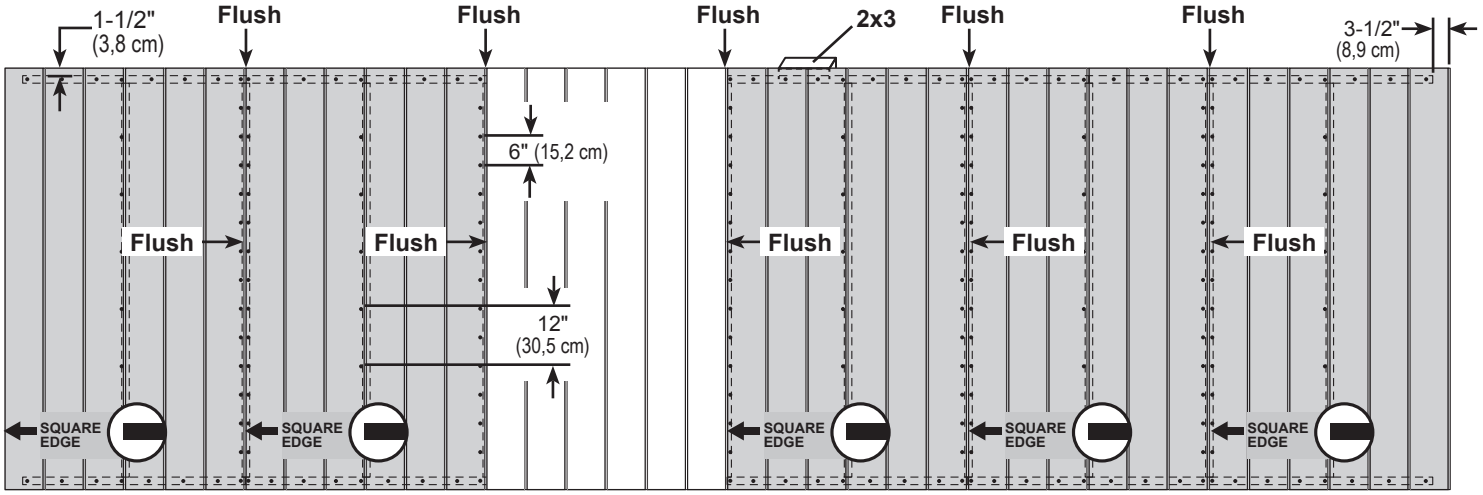
Note the panel lip-edge/square edge orientation.



3 Install (5) **48" x 84"** panels flush to installed panels. Locate panels 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.



FINISH

Your 24' eave wall 16 is now assembled.
Carefully flip the wall over.

24' EAVE WALL 17 WITH DOOR

PARTS REQUIRED:

x5 **AL**
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

x1 **HVC**
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

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

x2 **UM**
2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

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

x1 **Pre Assembled Header**

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

x10 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 **TJ**
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

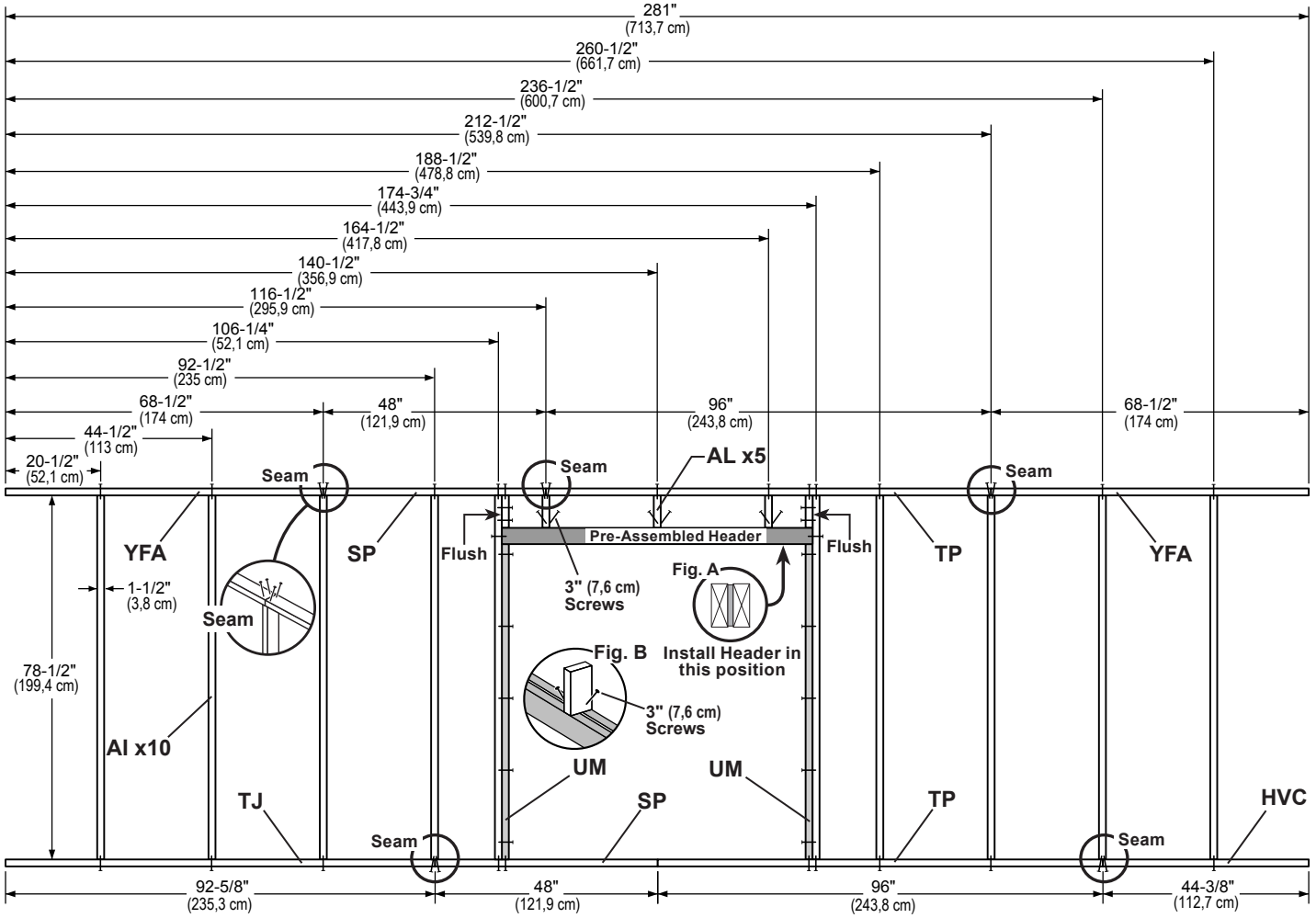
x96
3" (7,6 cm)

x6
3" (7,6 cm)

BEGIN

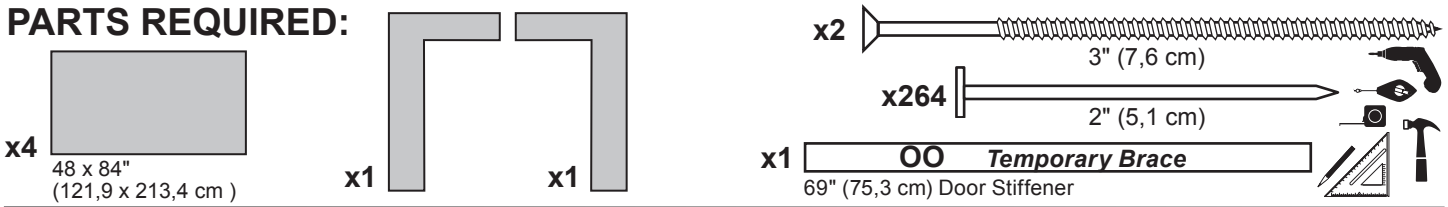
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



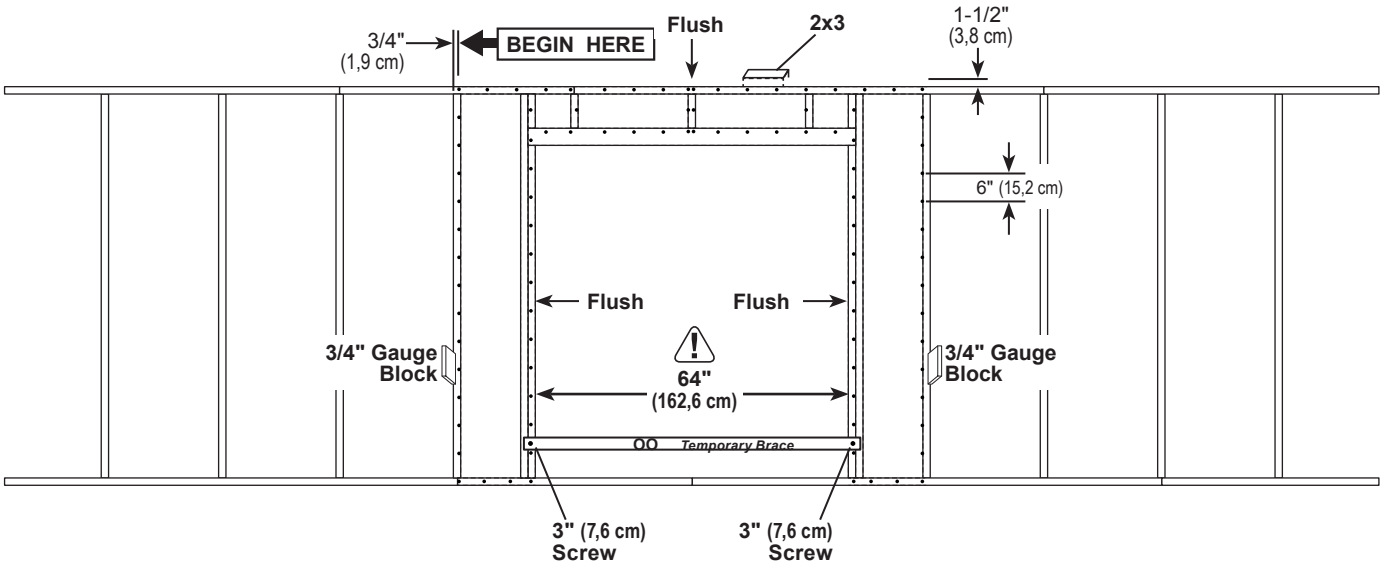
24' EAVE WALL 17 WITH DOOR

PARTS REQUIRED:



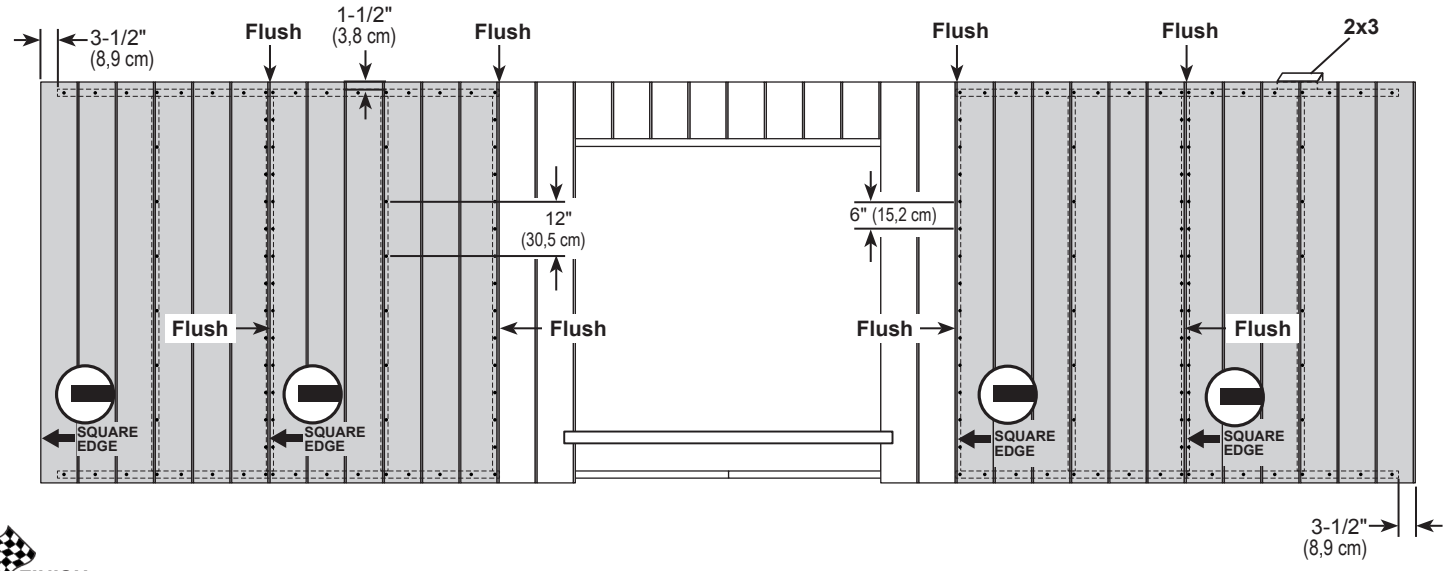
3 Install the left panel 1-1/2" from the top plate. Use a 2x3 spacer for consistent measurement. Secure panel with 2" nails spaced 6" apart on edges.

4 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.



5 Install (2) **48" x 84"** panel flush to installed panels and 1-1/2" from the top plate. Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.

Note the panel lip-edge/square edge orientation.



FINISH

Your 24' eave wall 17 with door is now assembled.
Carefully flip the wall over.

24' EAVE WALL 18 WITH DOOR

PARTS REQUIRED:

x5 **AL**
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

x1 **HVC**
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

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

x2 **UM**
2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

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

x1 **Pre Assembled Header**

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

x10 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 **TJ**
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

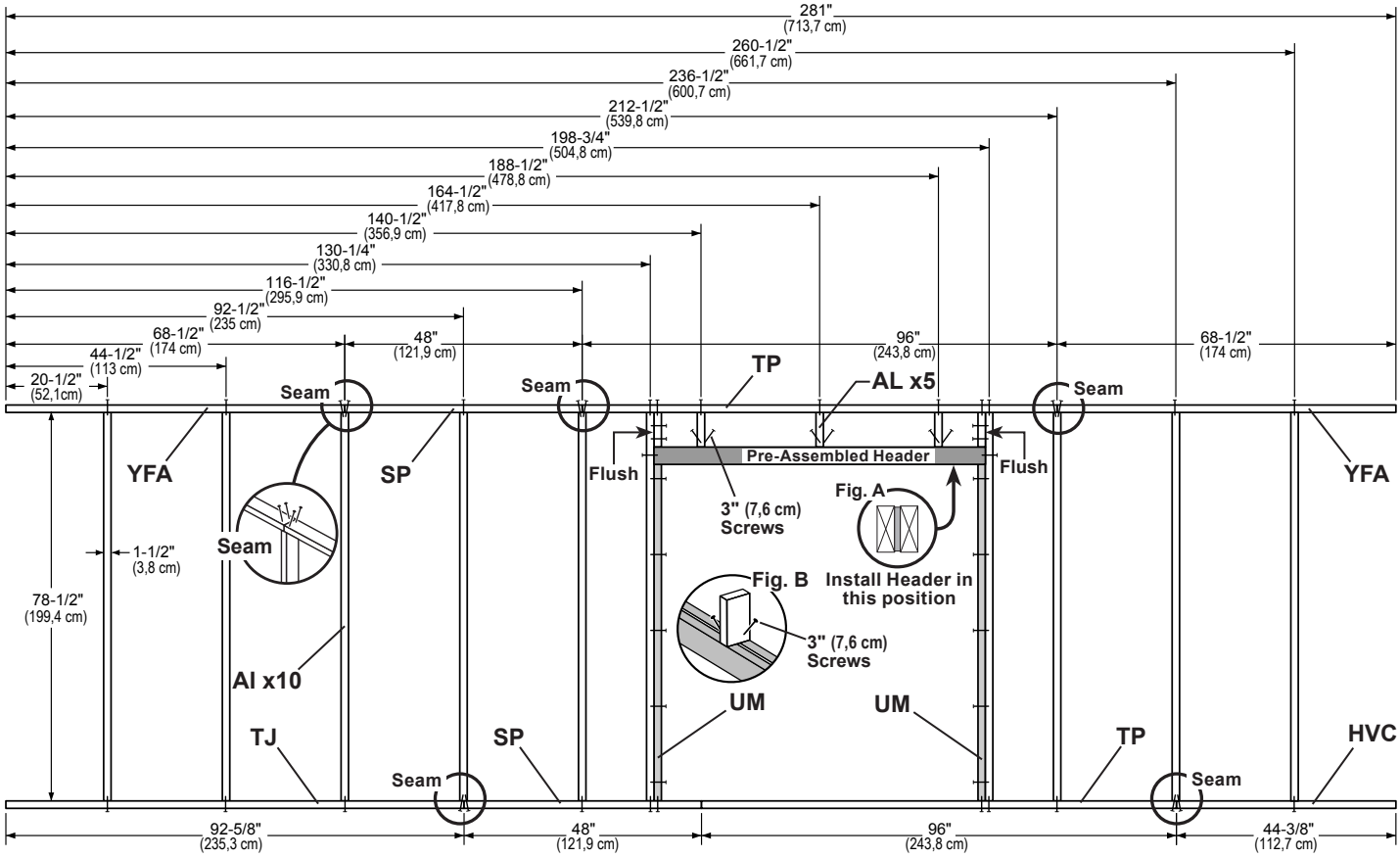
x96 3" (7,6 cm)

x6 3" (7,6 cm)

BEGIN

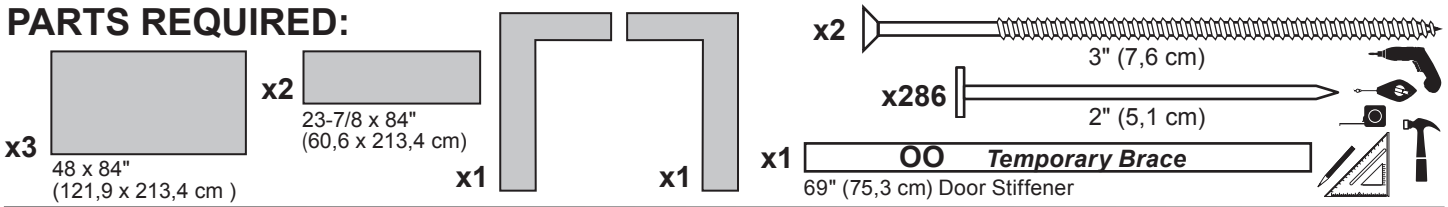
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



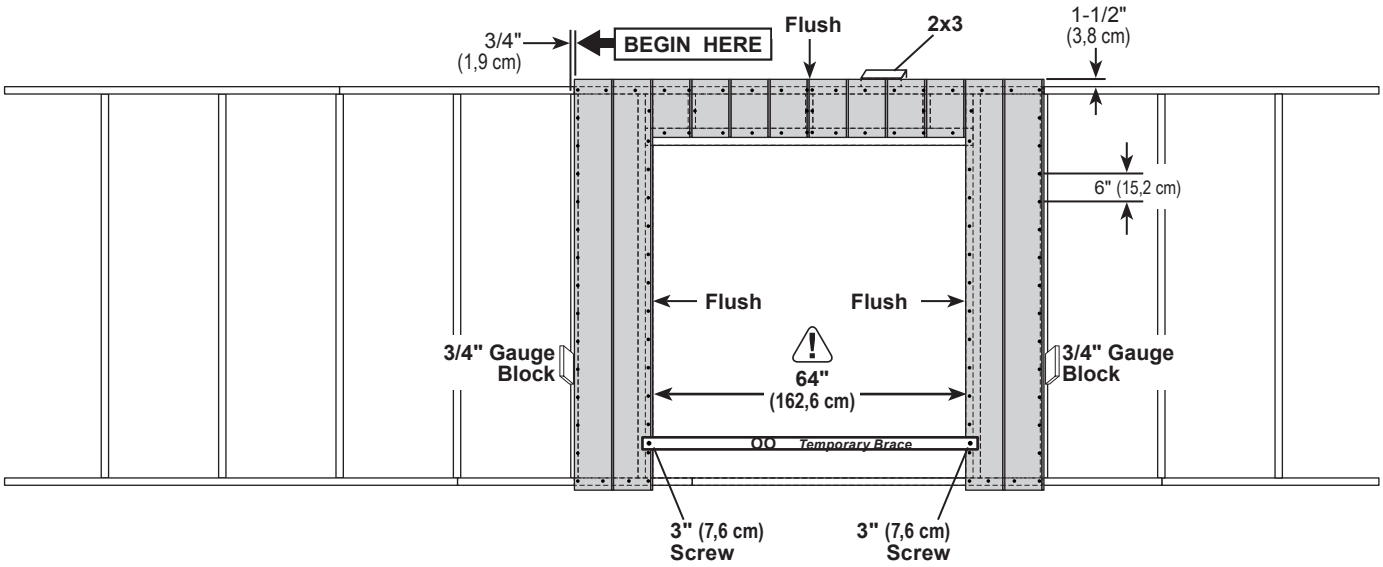
24' EAVE WALL 18 WITH DOOR

PARTS REQUIRED:



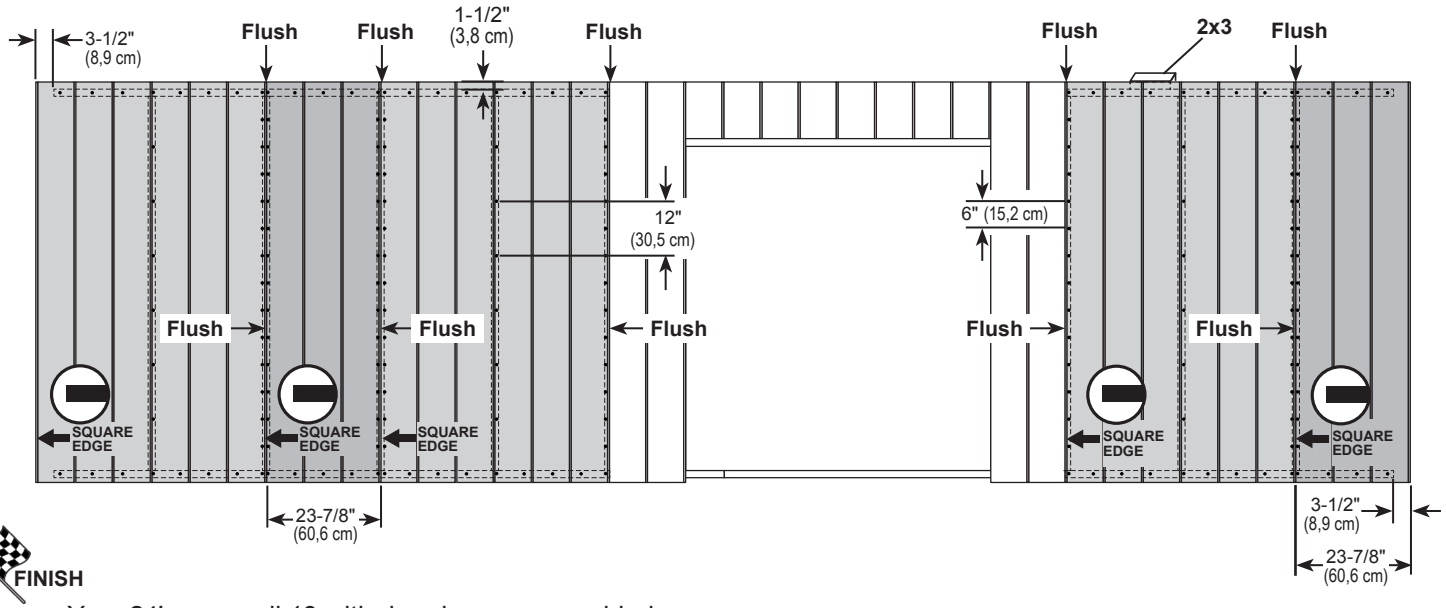
3 Install the left panel 1-1/2" from the top plate. Use a 2x3 spacer for consistent measurement. Secure panel with 2" nails spaced 6" apart on edges.

4 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.



5 Install (2) **48" x 84"** panel flush to installed panels and 1-1/2" from the top plate. Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.

Note the panel lip-edge/square edge orientation.



FINISH

Your 24' eave wall 18 with door is now assembled.
Carefully flip the wall over.

24' EAVE WALL 19 WITH DOOR

PARTS REQUIRED:

x5 AL
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

x1 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

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

x2 UM
2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

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

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

x10 AI
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 Pre Assembled Header

x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

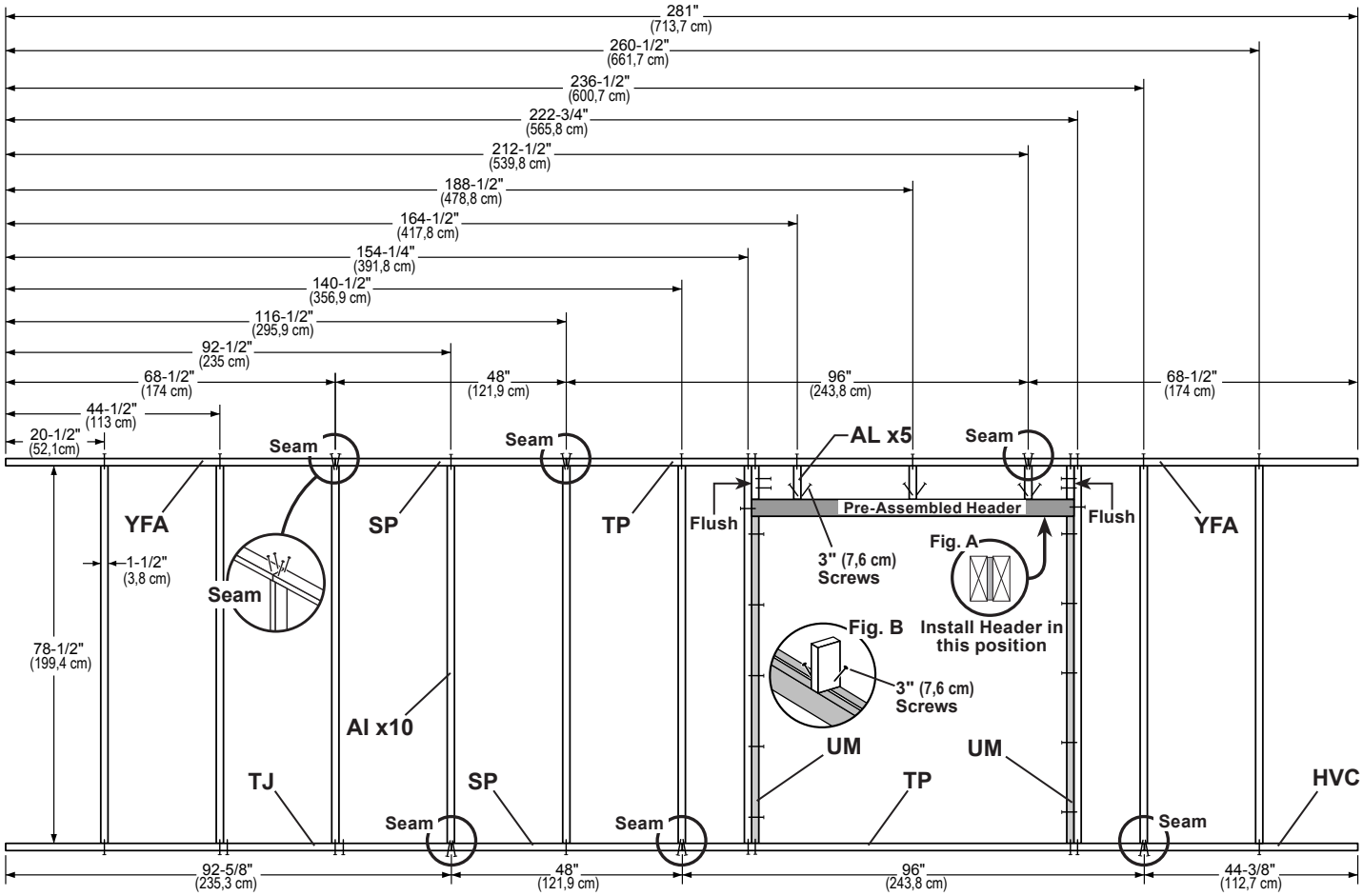
x102
3" (7,6 cm)

x6
3" (7,6 cm)

BEGIN

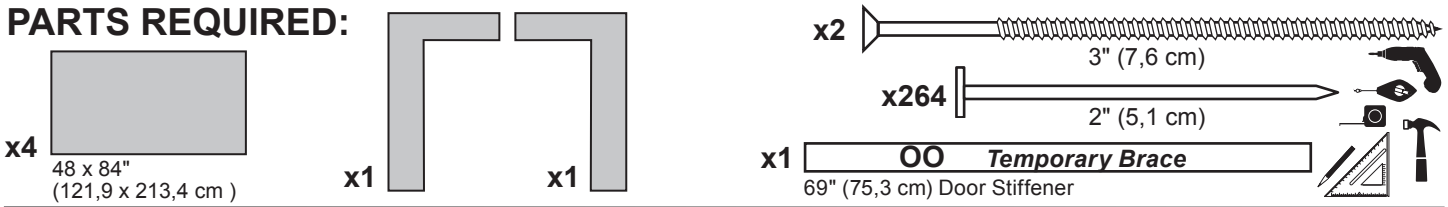
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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



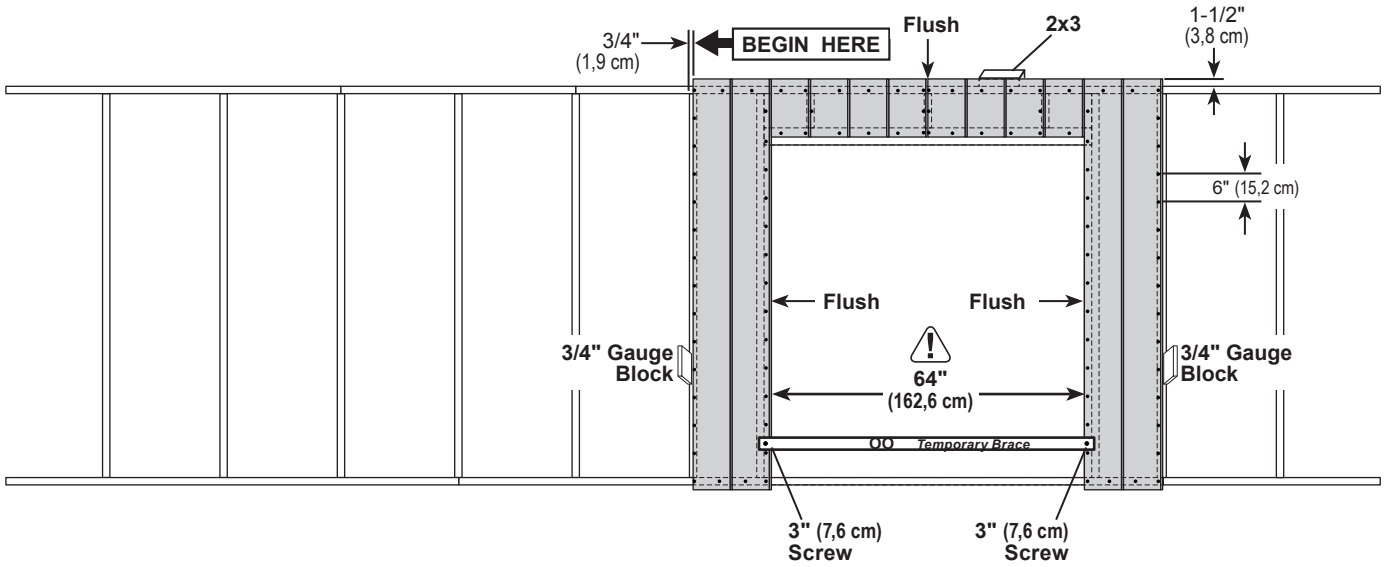
24' EAVE WALL 19 WITH DOOR

PARTS REQUIRED:



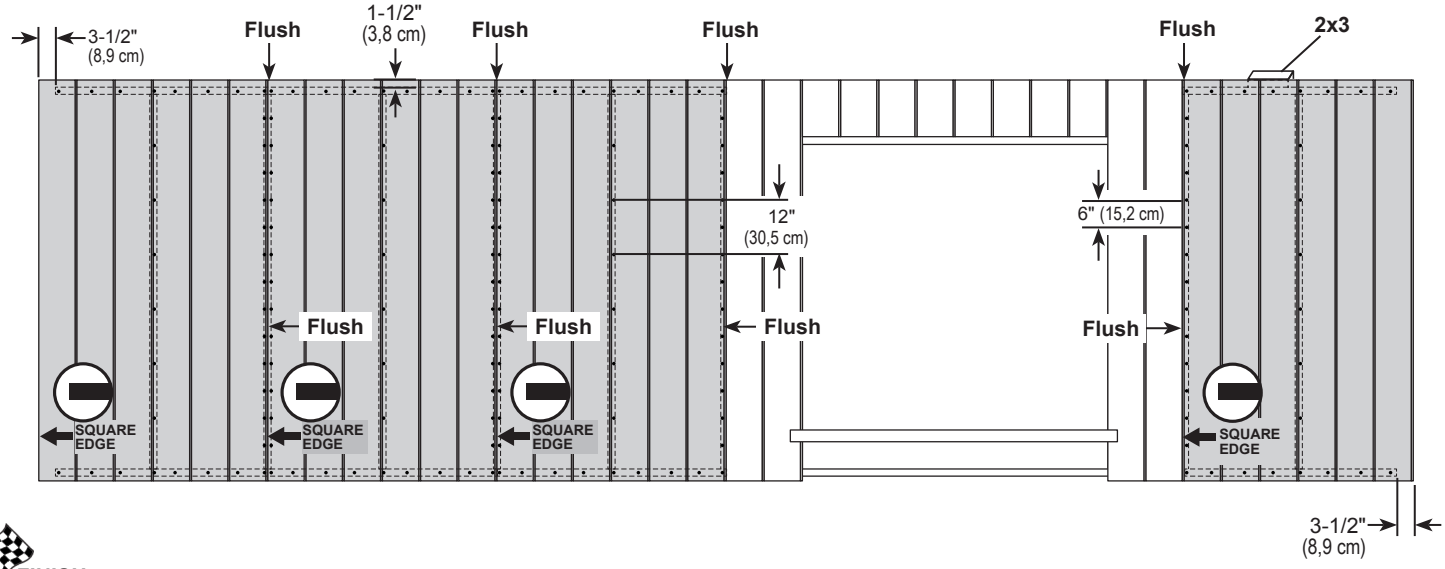
3 Install the left panel 1-1/2" from the top plate. Use a 2x3 spacer for consistent measurement. Secure panel with 2" nails spaced 6" apart on edges.

4 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.



5 Install (2) **48" x 84"** panel flush to installed panels and 1-1/2" from the top plate. Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.

Note the panel lip-edge/square edge orientation.



FINISH

Your 24' eave wall 19 with door is now assembled. Carefully flip the wall over.

12' GABLE WALL 02 INSTALLATION

PARTS REQUIRED:

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

x12 3" (7,6 cm)

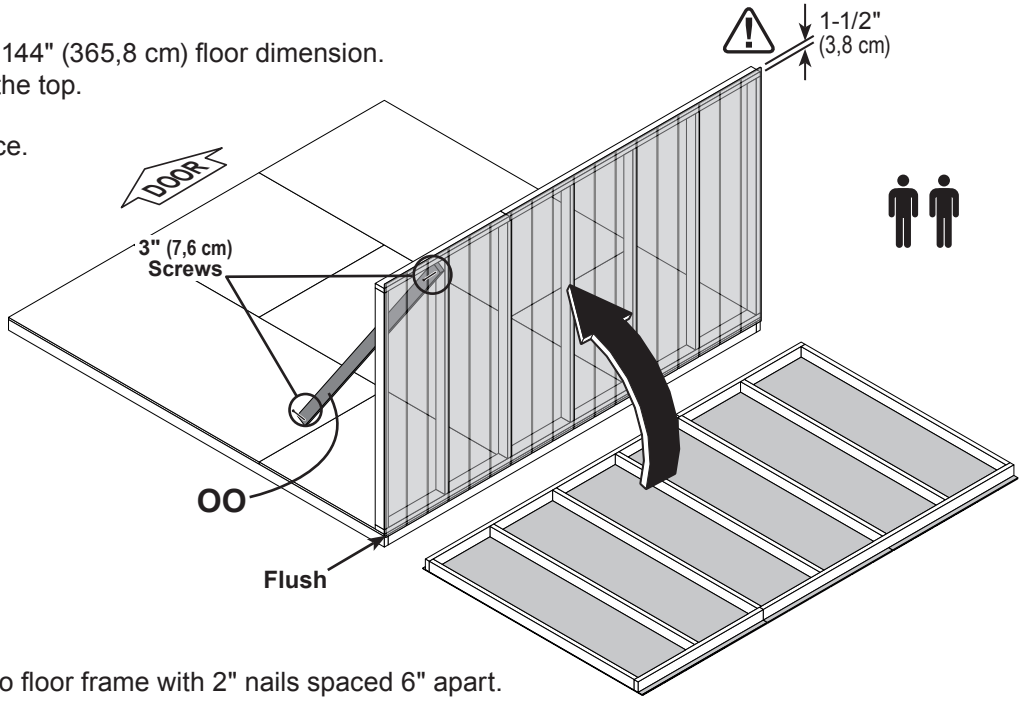
x2 3" (7,6 cm)

x27 2" (5,1 cm)

BEGIN

1 Center 12' gable wall on the 144" (365,8 cm) floor dimension. 1-1/2" (3,8 cm) overlap is to the top.

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



2 Secure lower edge of panel 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)**.

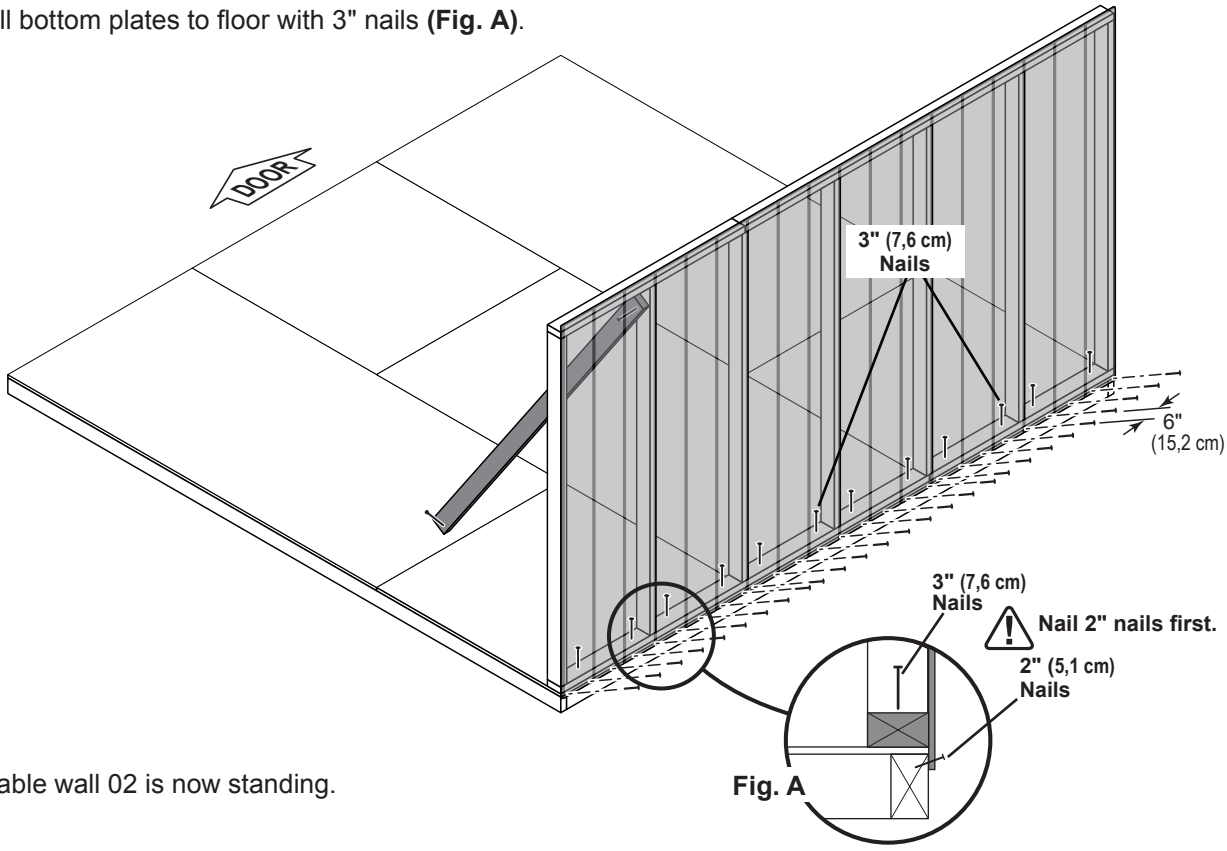


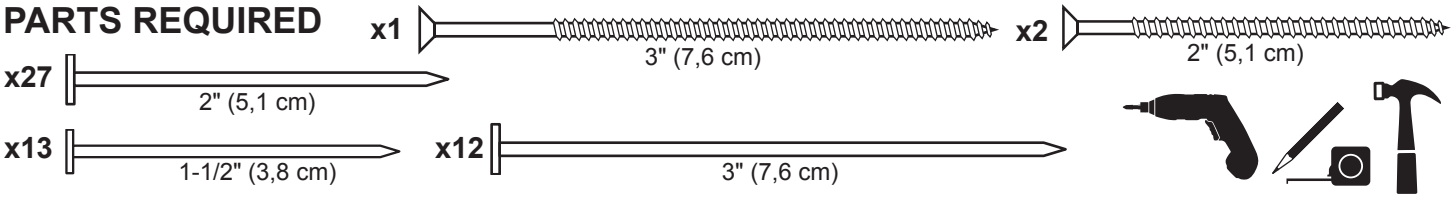
Fig. A

FINISH

Your 12' gable wall 02 is now standing.

12' EAVE WALL 04 INSTALLATION

PARTS REQUIRED



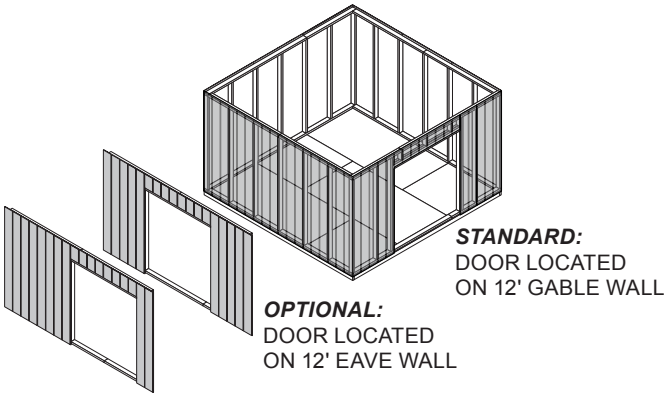
BEGIN

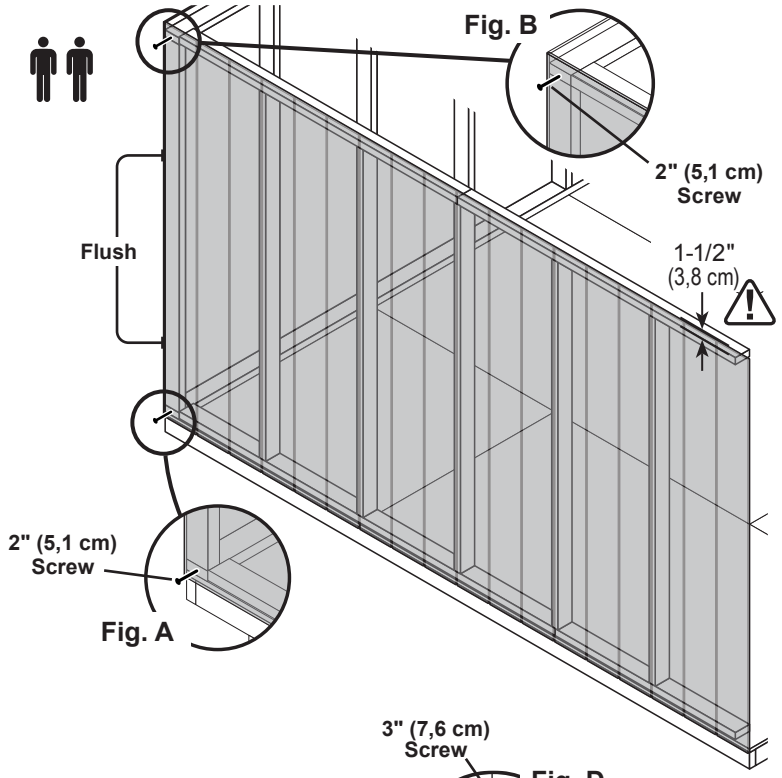
1 Place 12' eave wall centered on floor.
1-1/2" (3,8 cm) overlap is to the top.

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

Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

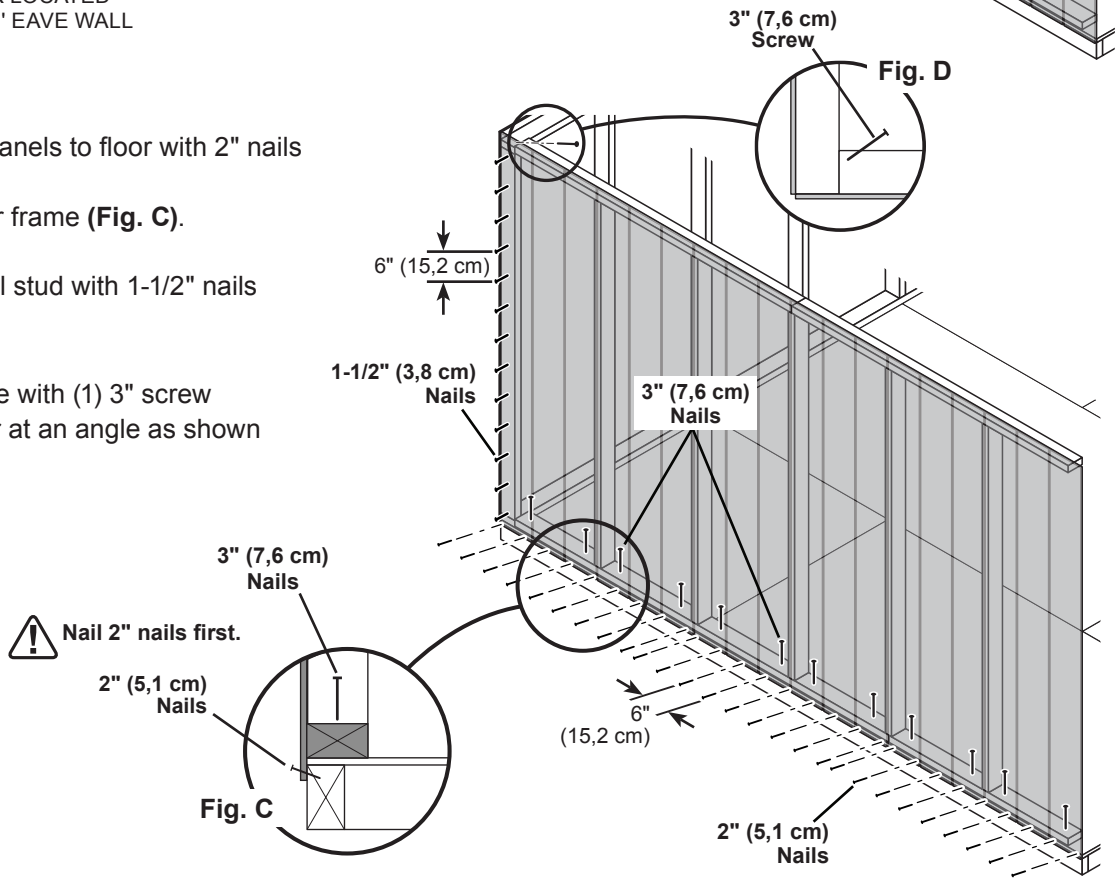




2 Nail lower edge of panels to floor with 2" nails spaced 6" apart.
Angle nails into floor frame **(Fig. C)**.

Nail 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 as shown **(Fig. D)**.

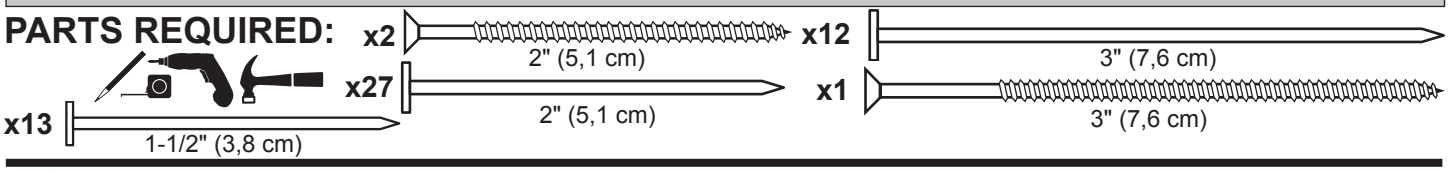


FINISH

Your 12' eave wall 04 is now installed.

2nd 12' EAVE WALL 04 INSTALLATION

PARTS REQUIRED:



BEGIN

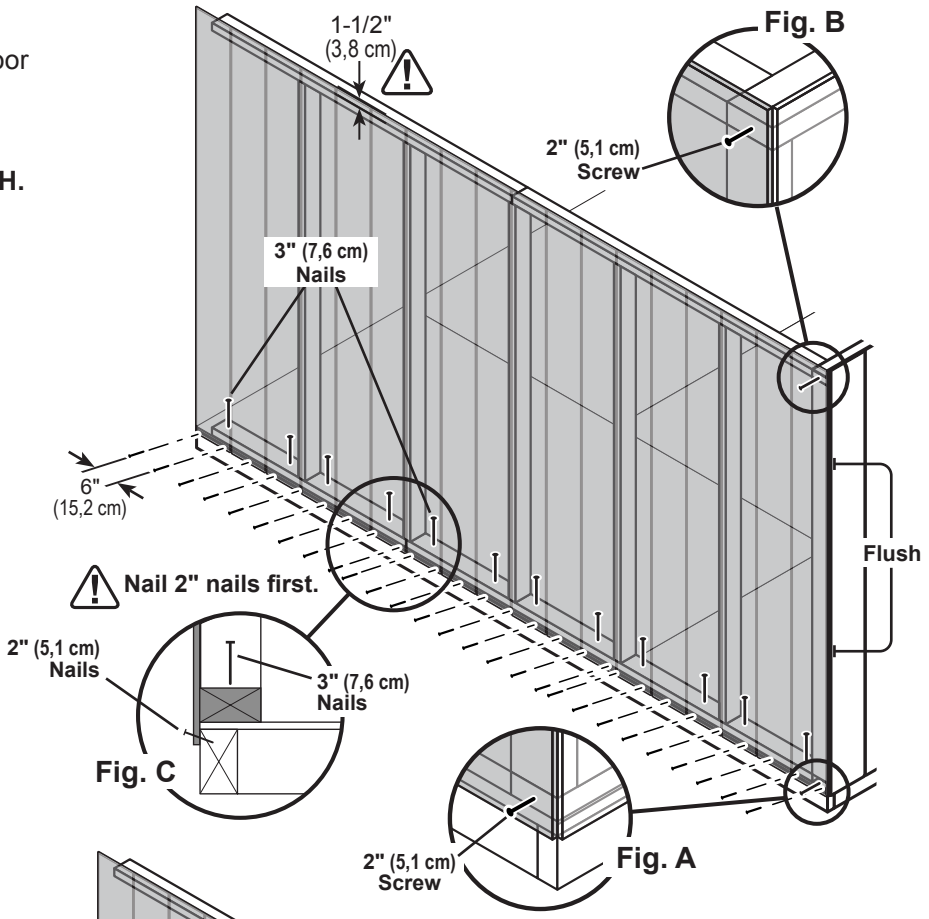
1 Place 2nd 12' eave wall centered on floor 1-1/2" (3,8 cm) overlap is to the top.

⚠ ENSURE PANEL CORNERS ARE FLUSH.

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

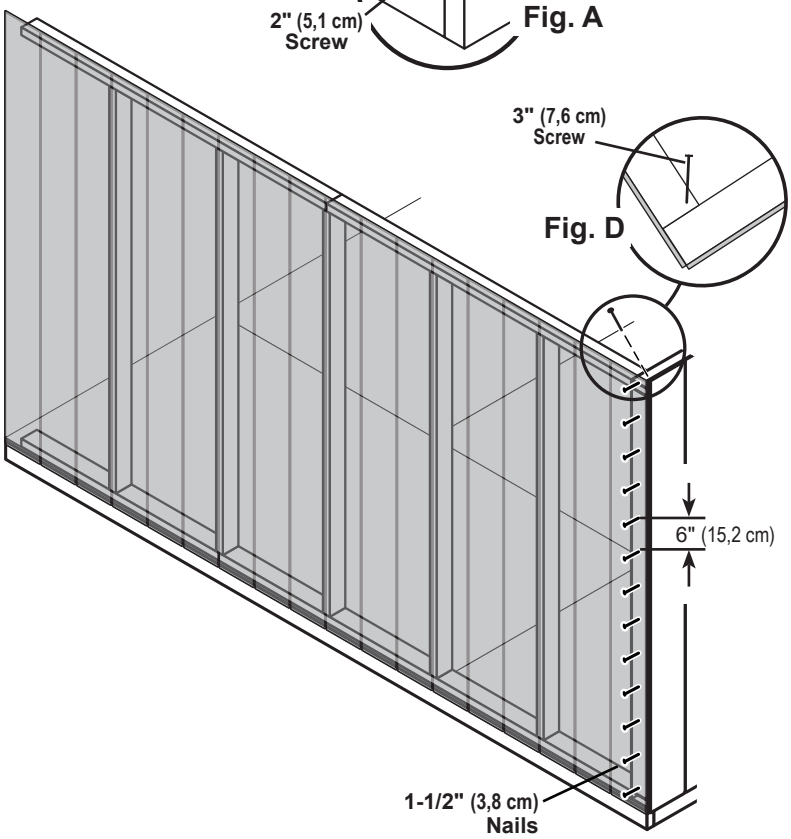
3 Nail lower edge of wall panels to floor frame with 2" nails spaced 6" apart. Angle nails into floor frame **(Fig. C)**.

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



4 Nail 12' eave wall panel to 12' gable wall stud with 1-1/2" nails spaced 6" apart.

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

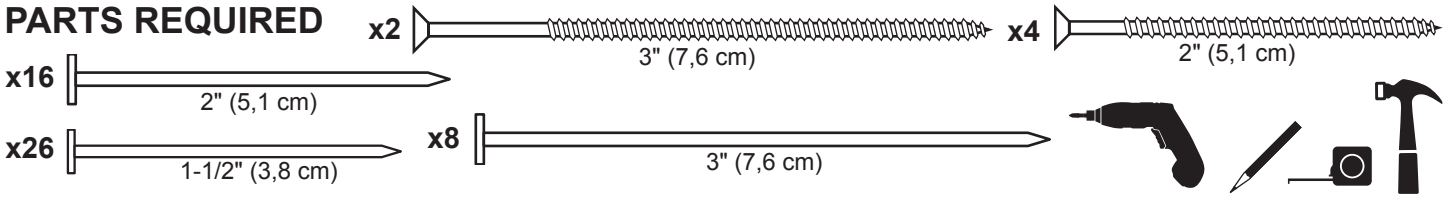


FINISH

Your 2nd 12' eave wall 04 is now installed.

12' GABLE WALL 01 WITH DOOR INSTALLATION

PARTS REQUIRED



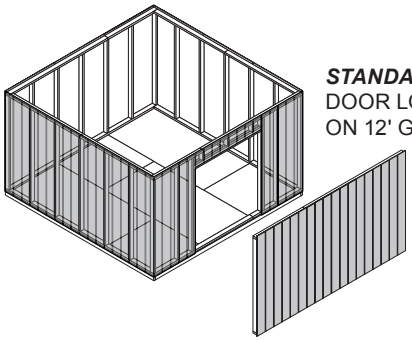
BEGIN

1 Place 12' gable wall on floor, centered between installed walls.

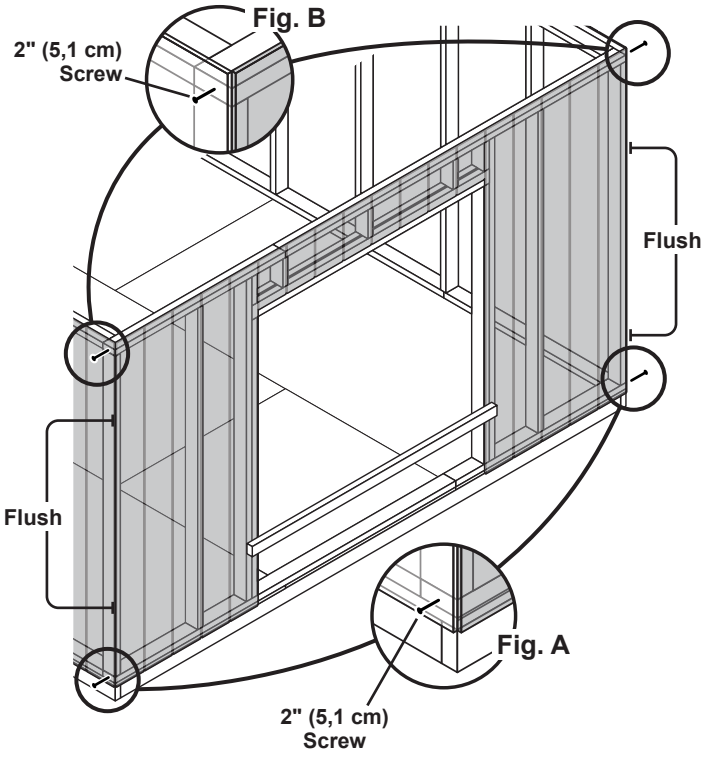
Secure wall with 2" screws into top and bottom plates **(Fig. A, Fig. B)**.

Secure wall to bottom plate first.

⚠ ENSURE PANEL CORNERS ARE FLUSH. ⚠



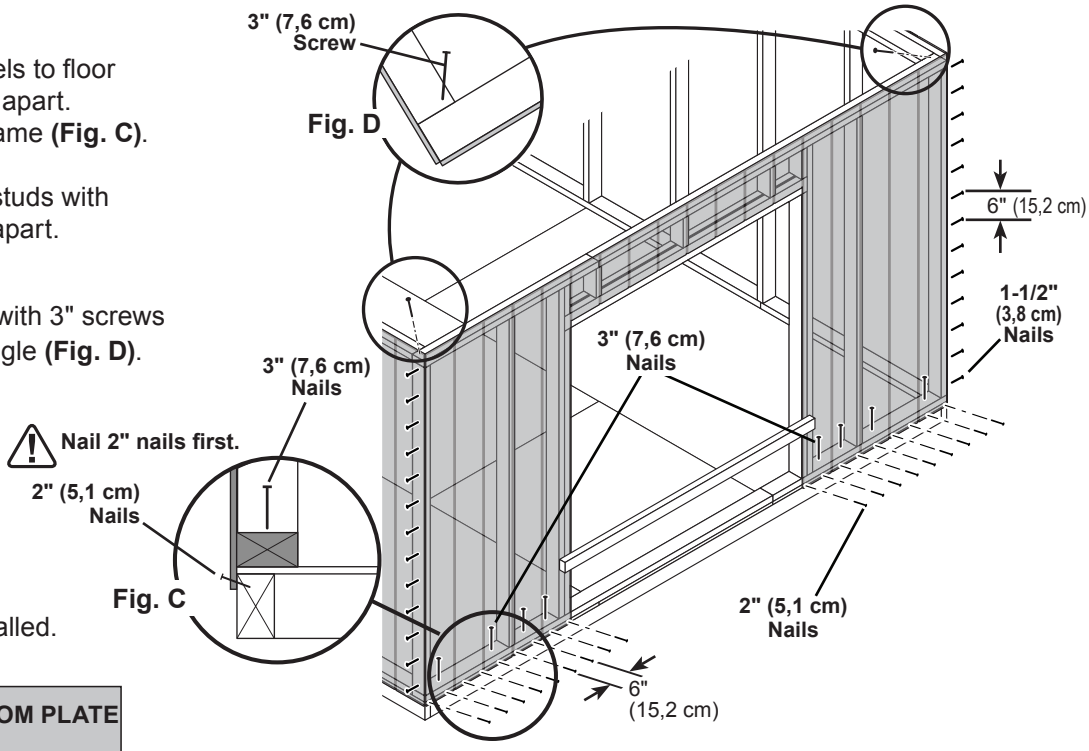
STANDARD:
DOOR LOCATED
ON 12' GABLE WALL



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

Nail panels to 24' 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)**.



FINISH

Your walls are now installed.

CUT OUT AND REMOVE BOTTOM PLATE AT DOOR OPENING.
REMOVE TEMPORARY BRACING.

12' x 12' WALL DOUBLERS INSTALLATION

PARTS REQUIRED:

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

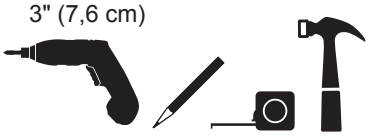
x2 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

x2 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

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

x64 3" (7,6 cm)

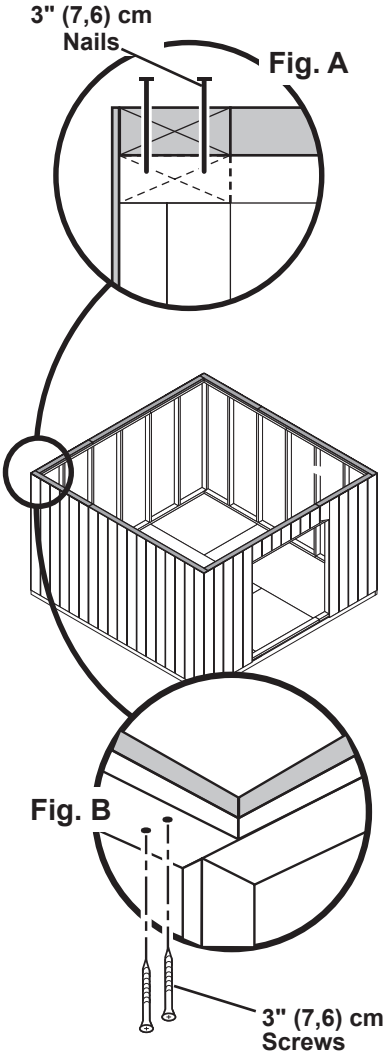
x8 3" (7,6 cm)

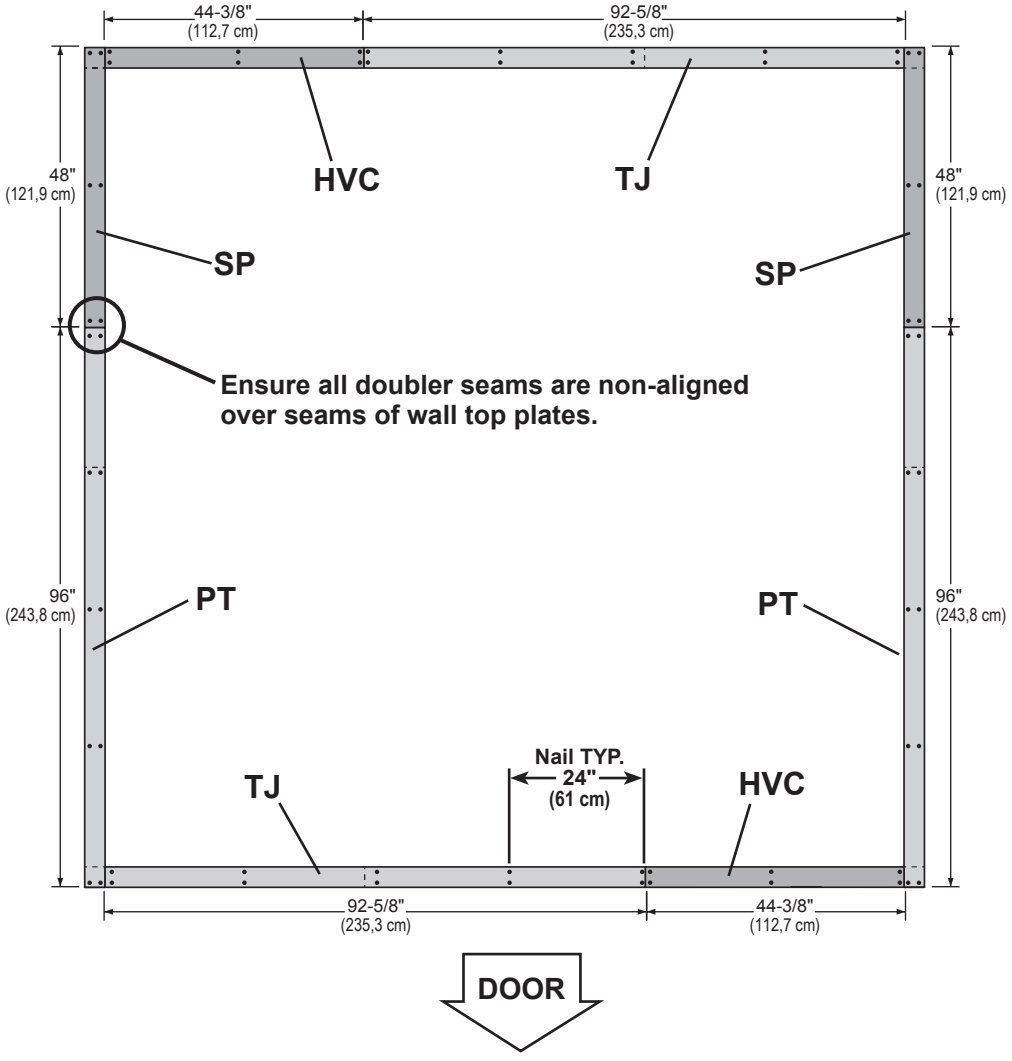


BEGIN

1 Orient parts on top of wall frames. Measure and mark from end of boards. Secure from top with (2) 3" nails spaced every 24" **(Fig. A).**

2 Secure from bottom with (2) 3" screws at each corner **(Fig. B).**





FINISH

Your wall doublers are now installed.

CONTINUE TO PAGE 79 TO RESUME CONSTRUCTION OF 12' X 12' SHED.

12' GABLE WALL 02 INSTALLATION

PARTS REQUIRED:

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

x12 3" (7,6 cm)

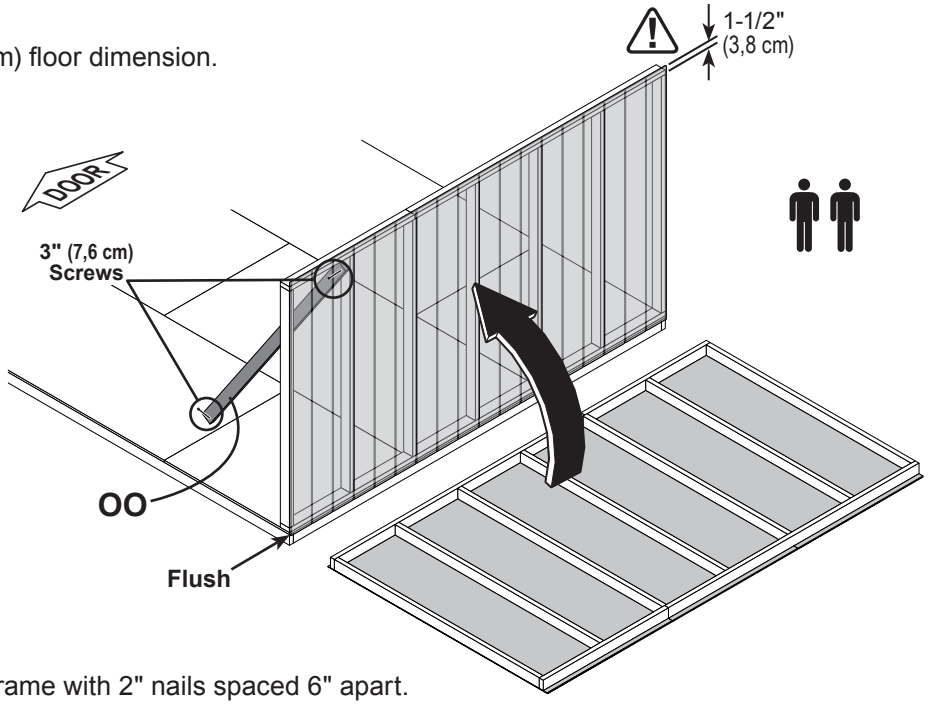
x2 3" (7,6 cm)

x27 2" (5,1 cm)

BEGIN

1 Center 12' wall on the 120" (304,8 cm) floor dimension. 1-1/2" (3,8 cm) overlap is to the top.

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



2 Secure lower edge of panel 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)**.

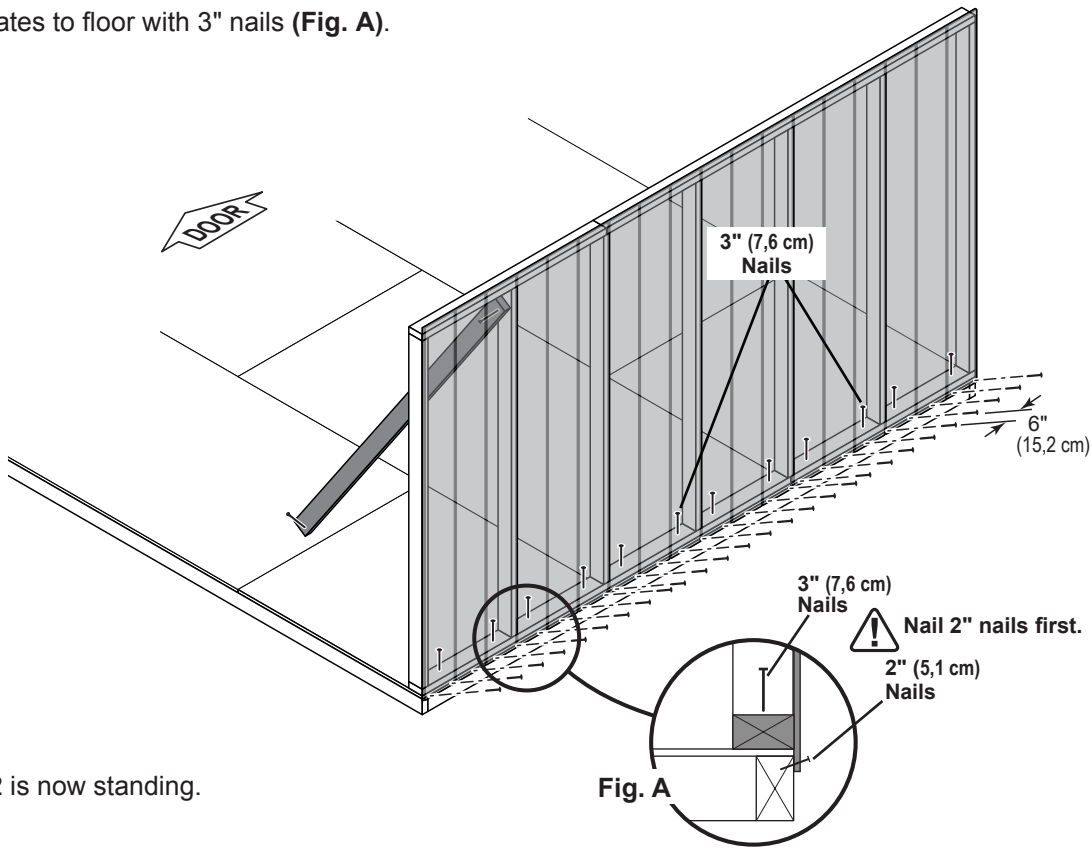


Fig. A

FINISH

Your 12' gable wall 02 is now standing.

1st 16' EAVE WALL 07 INSTALLATION

PARTS REQUIRED

x3 — 3" (7,6 cm)

x2 — 2" (5,1 cm)

x1 **TJ** **Temporary Brace**
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

x13 — 1-1/2" (3,8 cm)

x36 — 2" (5,1 cm)

x16 — 3" (7,6 cm)

BEGIN

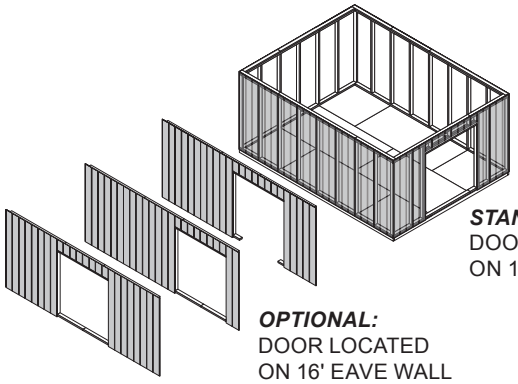
1

Place 1st 16' eave wall centered on floor.
The 1-1/2" (3,8 cm) overlap is to the top.
Use **TJ** as a temporary brace as shown.
Secure **TJ** with (2) 3" screws.

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

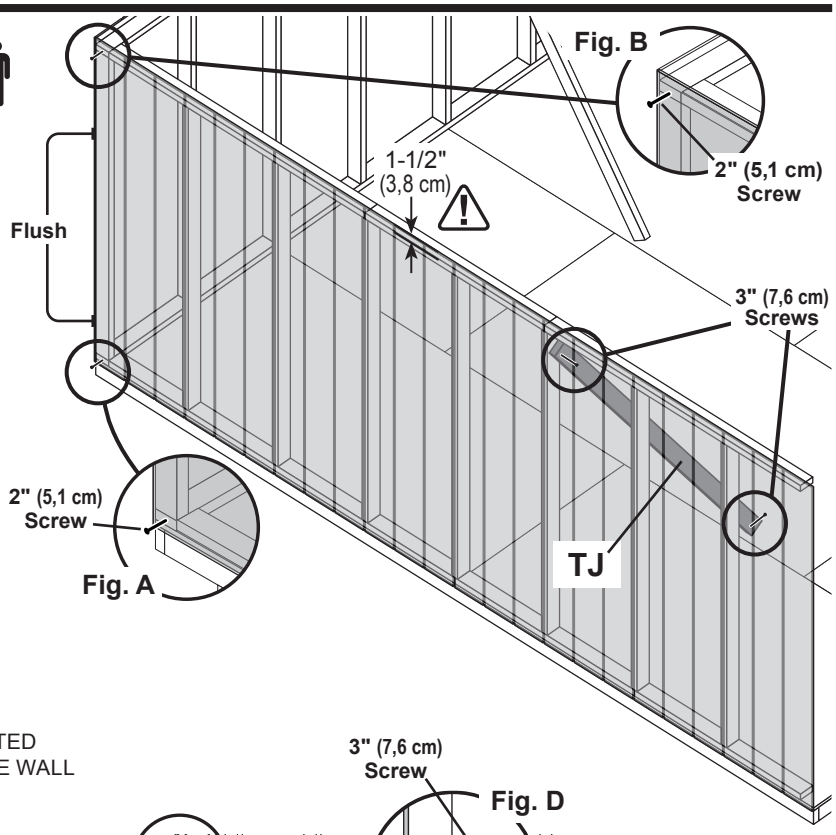
Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**



STANDARD:
DOOR LOCATED
ON 12' GABLE WALL

OPTIONAL:
DOOR LOCATED
ON 16' EAVE WALL



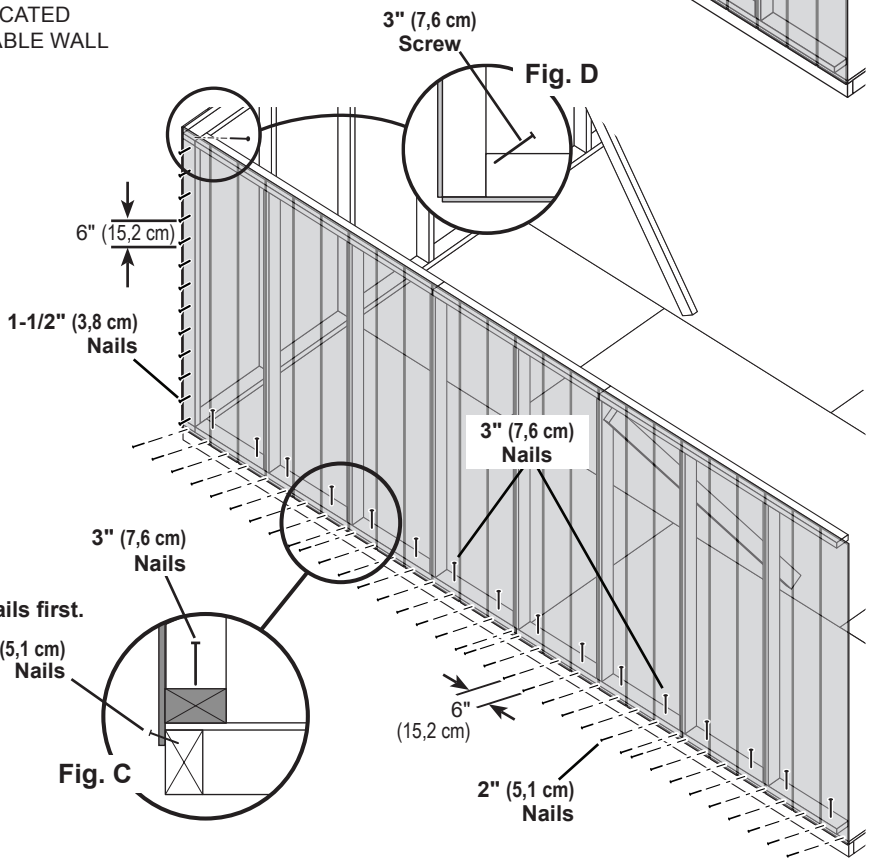
2

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

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

3

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



FINISH

Your 1st 16' eave wall 07 is now installed.

2nd 16' EAVE WALL (07 or 08) INSTALLATION

PARTS REQUIRED:

x16 — 3" (7,6 cm)

x2 — 2" (5,1 cm)

x2 — 3" (7,6 cm)

x1 — TJ Temporary Brace — 2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

x36 — 2" (5,1 cm)

BEGIN

1

Place 2nd 16' wall centered on floor.
The 1-1/2" (3,8 cm) overlap is to the top.

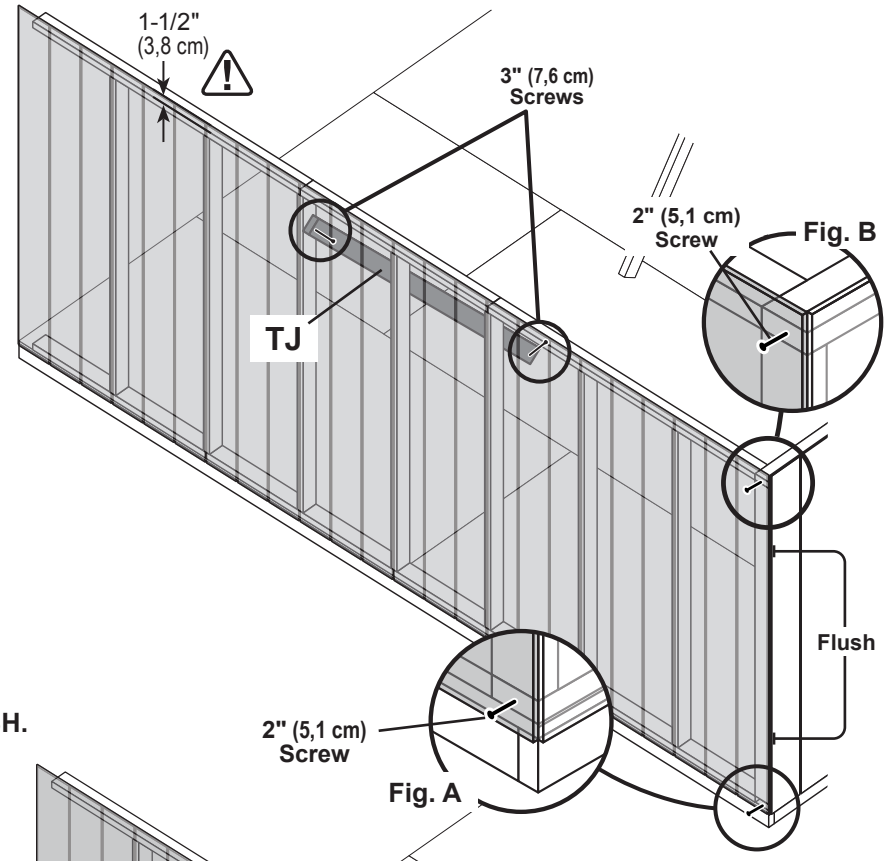
Use **TJ** as a temporary brace as shown.
Secure **TJ** with (2) 3" screws.

2

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

Secure wall to bottom plate first.

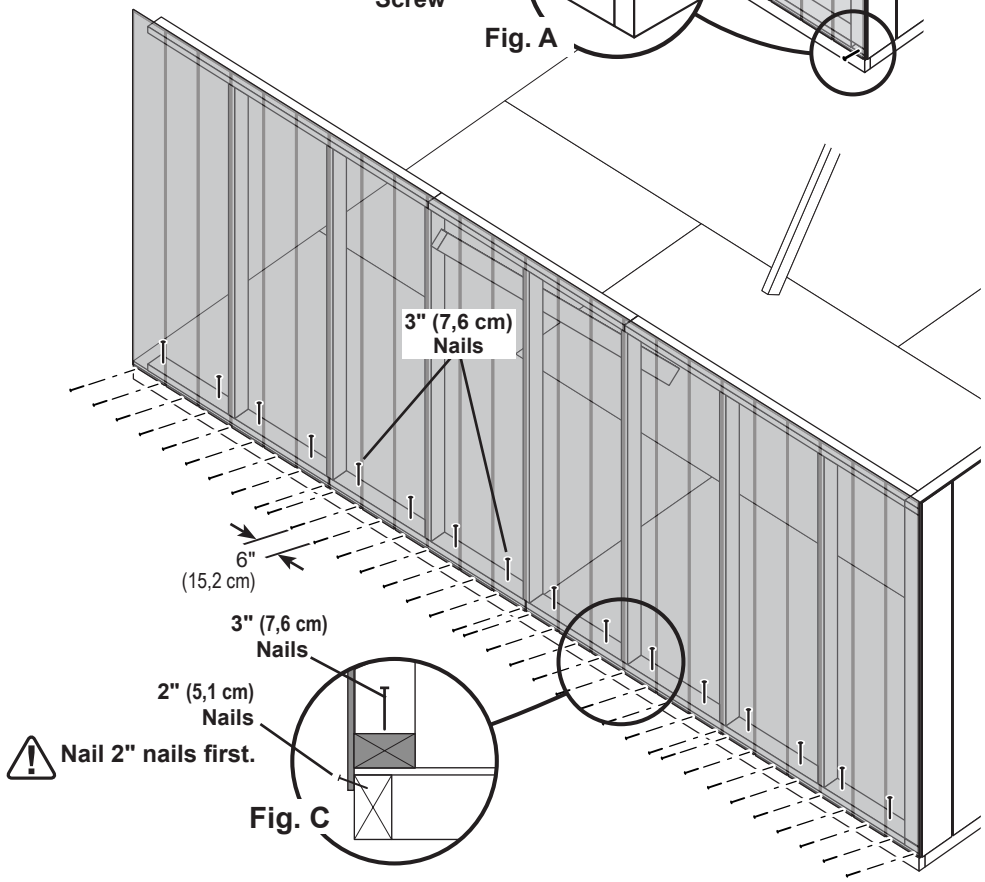
⚠ ENSURE PANEL CORNERS ARE FLUSH.



3

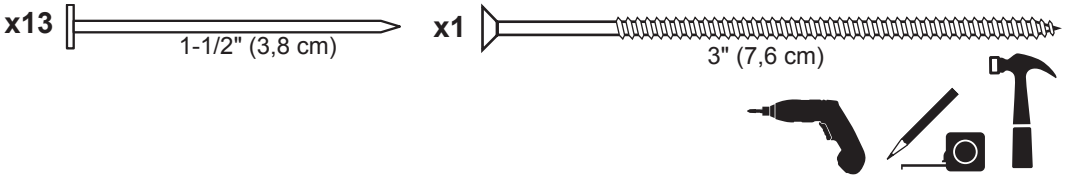
Nail lower edge of wall panels to floor frame with 2" nails spaced 6" apart. Angle nails into floor frame **(Fig. C)**.

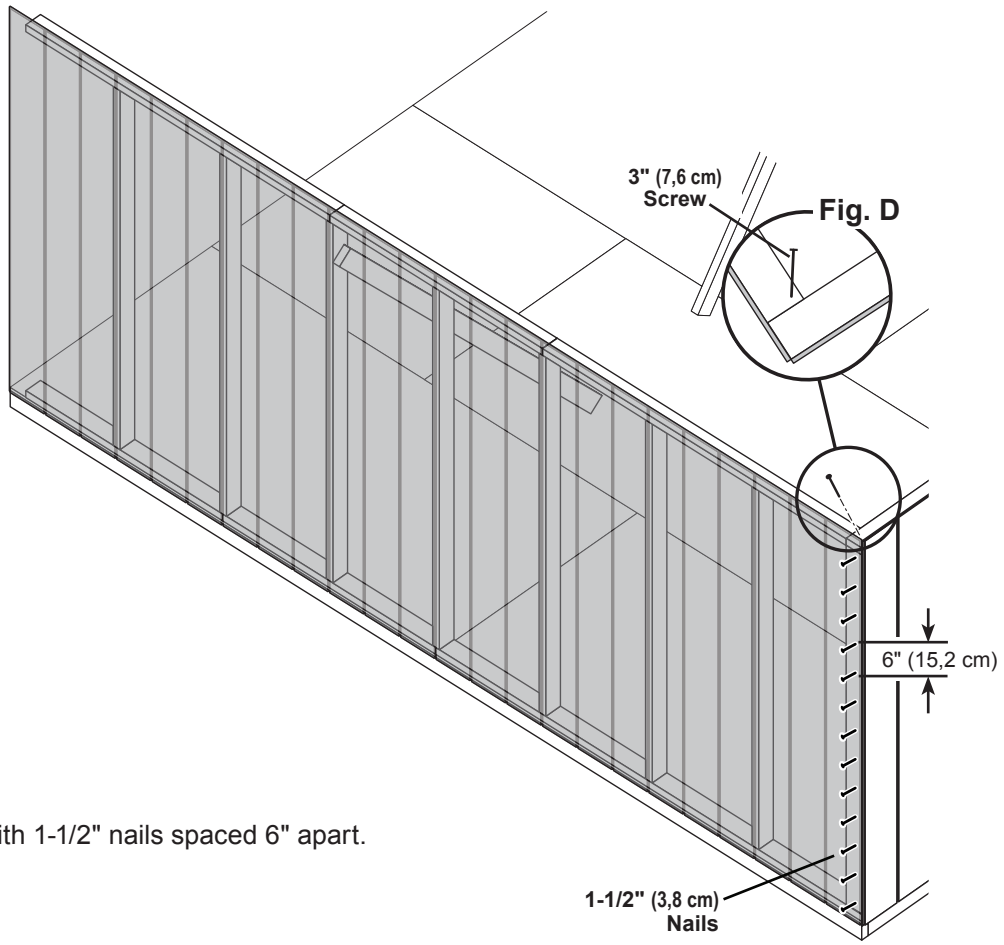
Secure wall bottom plates to floor with 3" nails **(Fig. C)**.



2nd 16' EAVE WALL (07 or 08) INSTALLATION

PARTS REQUIRED:





4

Nail 16' wall panel to 12' wall stud with 1-1/2" nails spaced 6" apart.

5

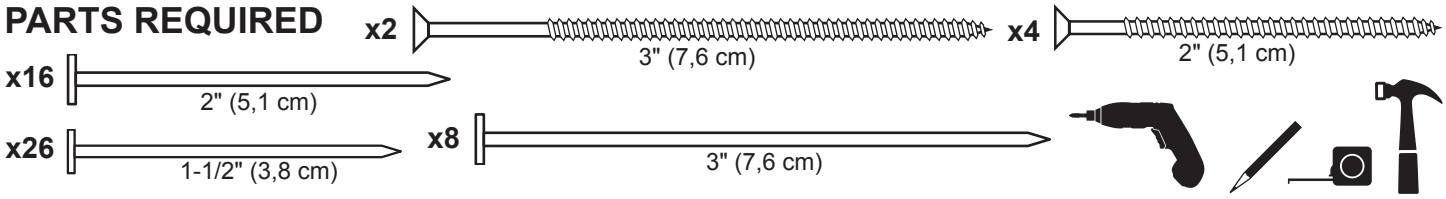
Secure gable wall top plate with (1) 3" screw at the corner at an angle, as shown **(Fig. D)**.

FINISH

Your 2nd 16' (07 or 08) wall is now installed.

12' GABLE WALL 01 WITH DOOR INSTALLATION

PARTS REQUIRED



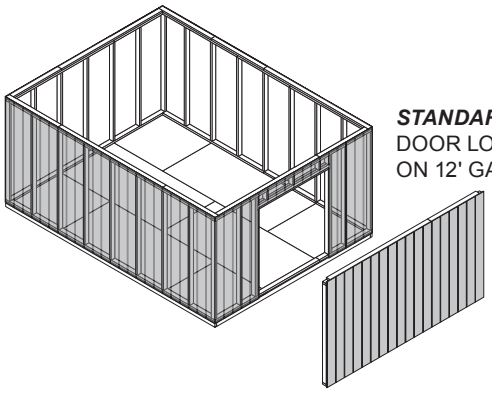
BEGIN

1 Place 12' gable wall on floor, centered between installed walls.

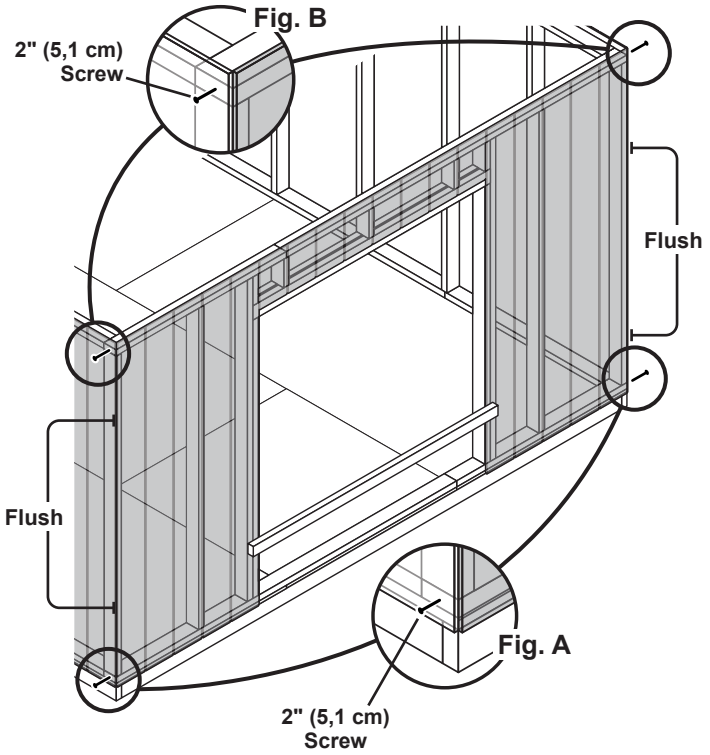
Secure wall with 2" screws into top and bottom plates **(Fig. A, Fig. B)**.

Secure wall to bottom plate first.

⚠ ENSURE PANEL CORNERS ARE FLUSH. ⚠



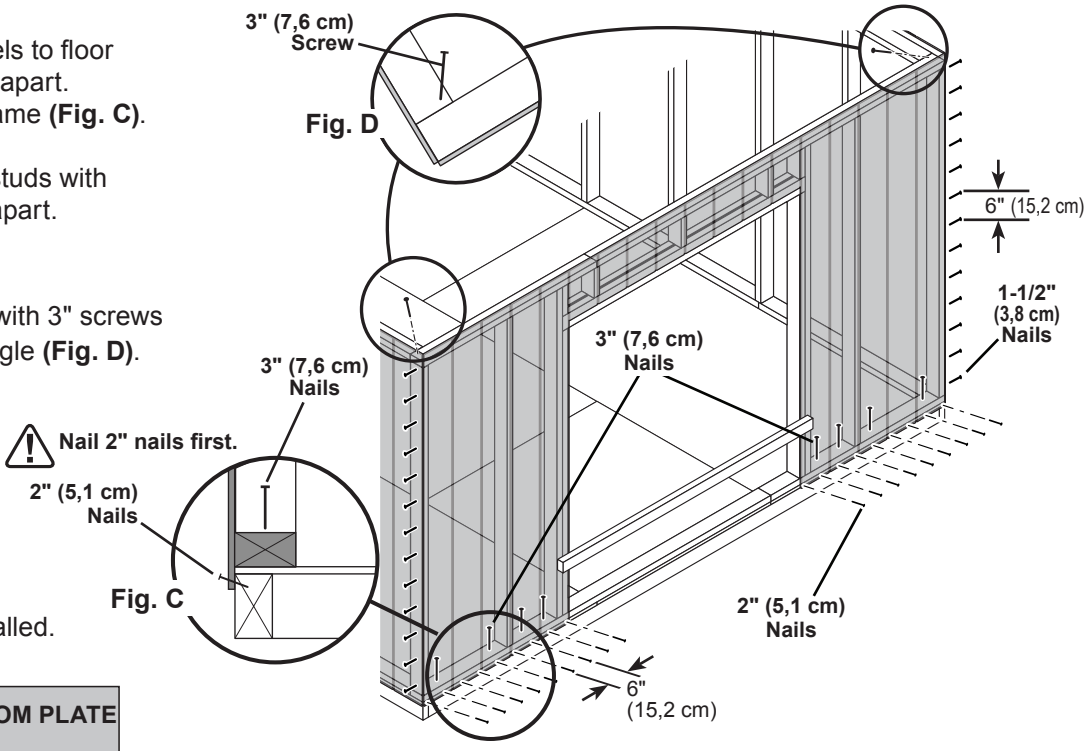
STANDARD:
DOOR LOCATED
ON 12' GABLE WALL



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

Nail panels to 24' 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)**.



FINISH

Your walls are now installed.

CUT OUT AND REMOVE BOTTOM PLATE AT DOOR OPENING.
REMOVE TEMPORARY BRACING.

12' x 16' WALL DOUBLERS INSTALLATION

PARTS REQUIRED:

x4 NK
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

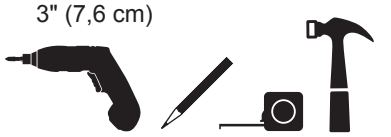
x2 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

x2 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

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

x76
3" (7,6 cm)

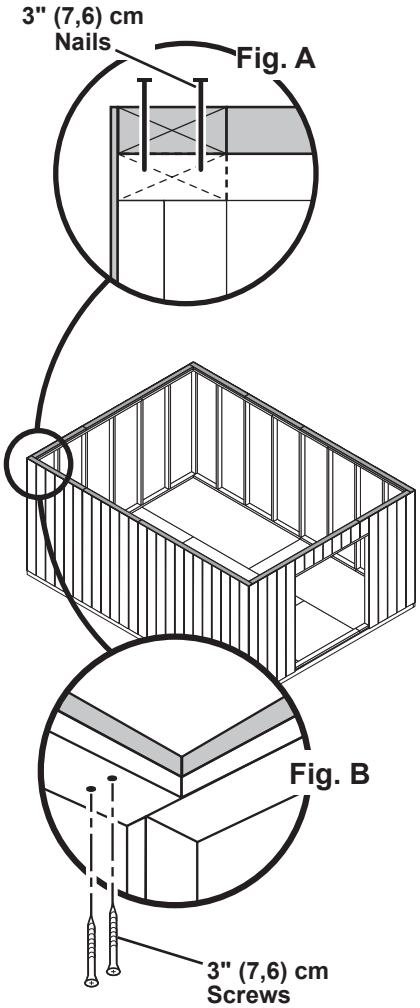
x8
3" (7,6 cm)

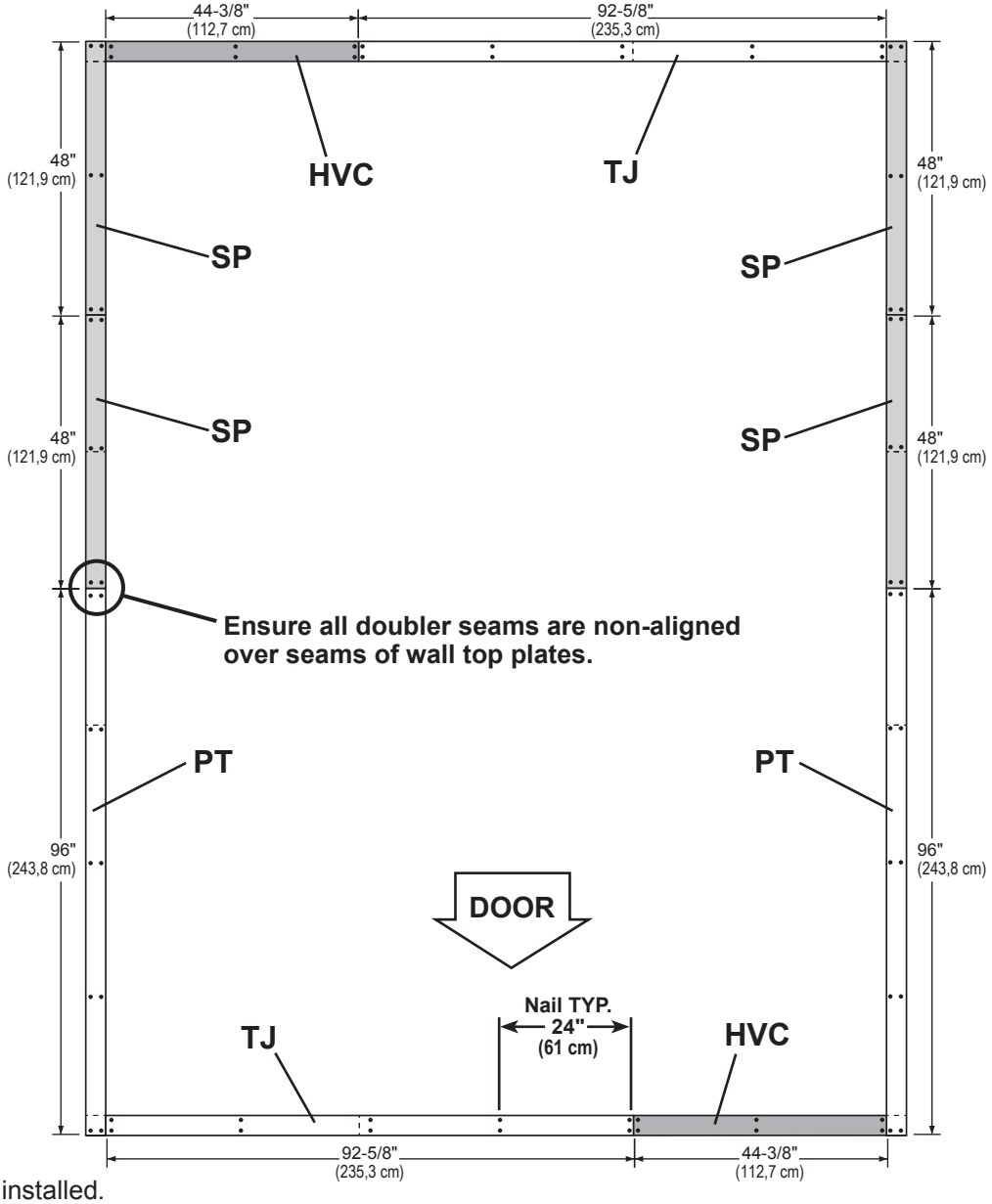


BEGIN

1 Orient parts on top of wall frames. Measure and mark from end of boards. Secure from top with (2) 3" nails spaced every 24" **(Fig. A).**

2 Secure from bottom with (2) 3" screws at each corner **(Fig. B).**





FINISH

Your wall doublers are now installed.

CONTINUE TO PAGE 79 TO RESUME CONSTRUCTION OF 12' X 16' SHED.

12' GABLE WALL 02 INSTALLATION

PARTS REQUIRED:

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

x12 3" (7,6 cm)

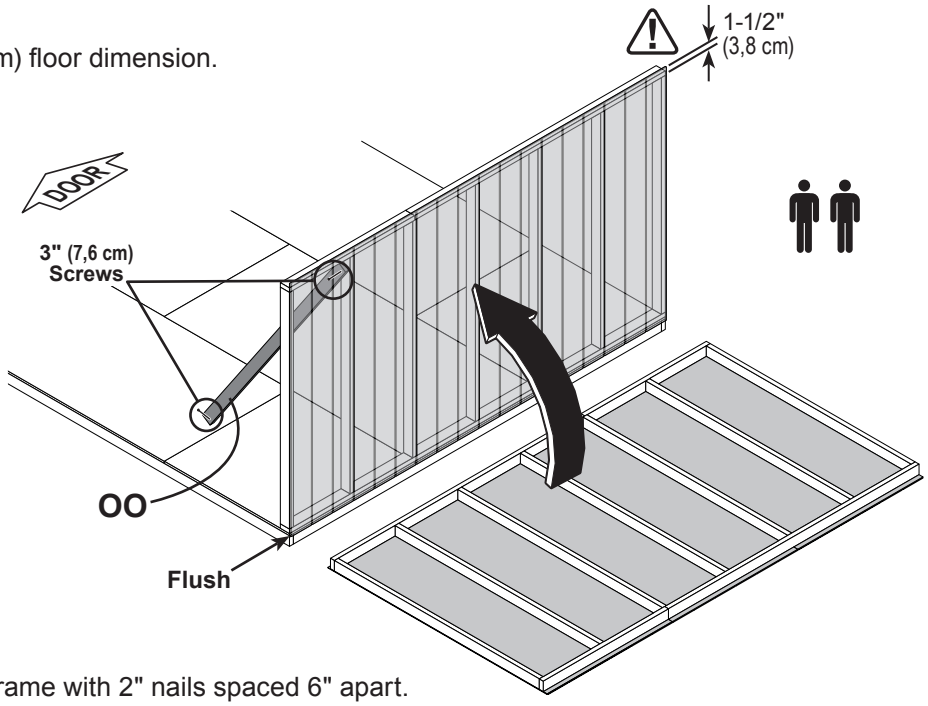
x2 3" (7,6 cm)

x27 2" (5,1 cm)

BEGIN

1 Center 12' wall on the 120" (304,8 cm) floor dimension. 1-1/2" (3,8 cm) overlap is to the top.

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



2 Secure lower edge of panel 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)**.

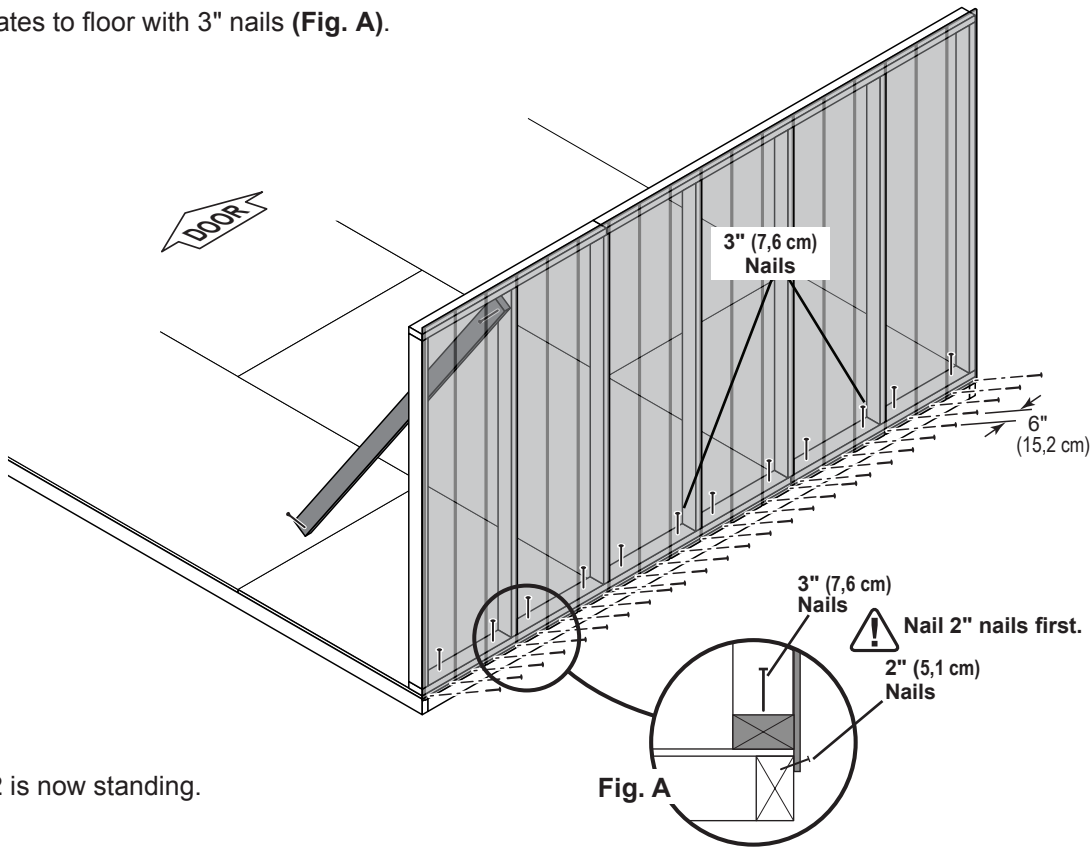


Fig. A

FINISH

Your 12' gable wall 02 is now standing.

1st 20' EAVE WALL 12 INSTALLATION

PARTS REQUIRED

x3 — 3" (7,6 cm)

x2 — 2" (5,1 cm)

x1 **TJ** **Temporary Brace**
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

x13 — 1-1/2" (3,8 cm)

x45 — 2" (5,1 cm)

x20 — 3" (7,6 cm)

BEGIN

1

Place 1st 20' eave wall 12 centered on floor.

The 1-1/2" (3,8 cm) overlap is to the top.

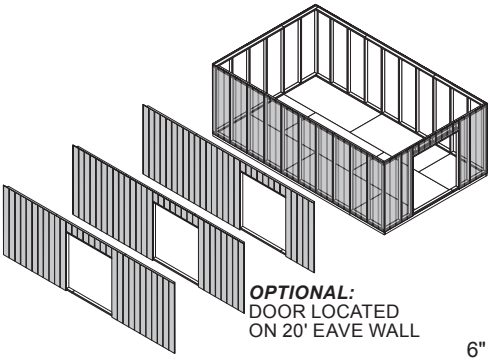
Use **TJ** as a temporary brace as shown.

Secure **TJ** with (2) 3" screws.

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

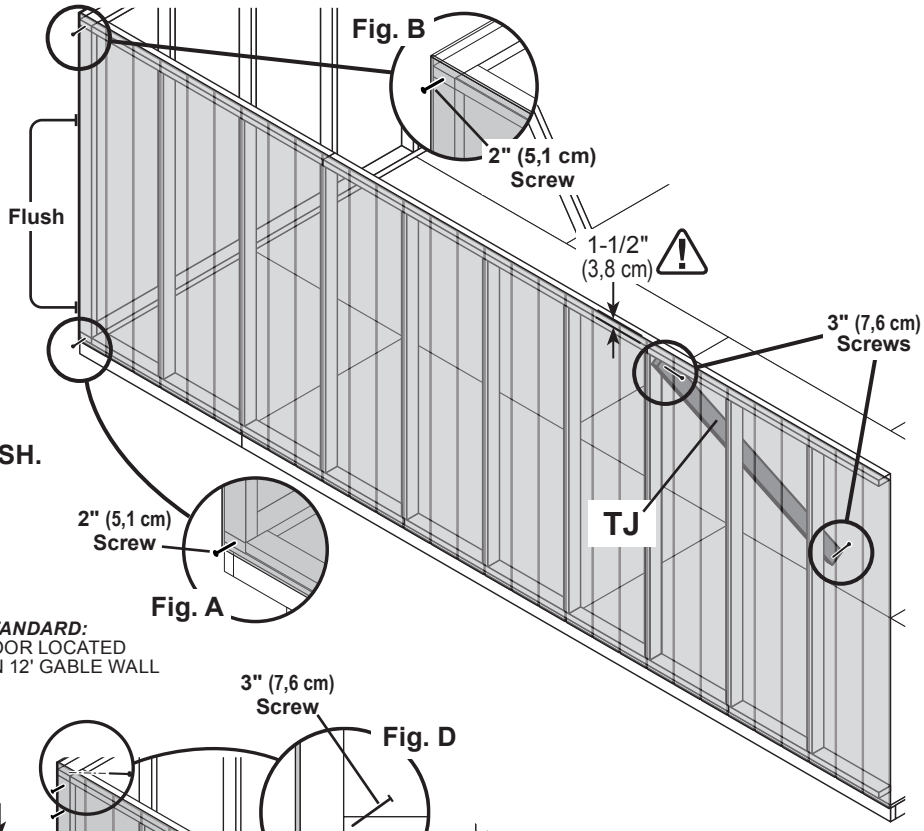
Secure wall to bottom plate first.

⚠ ENSURE PANEL CORNERS ARE FLUSH.



STANDARD:
DOOR LOCATED
ON 12' GABLE WALL

OPTIONAL:
DOOR LOCATED
ON 20' EAVE WALL



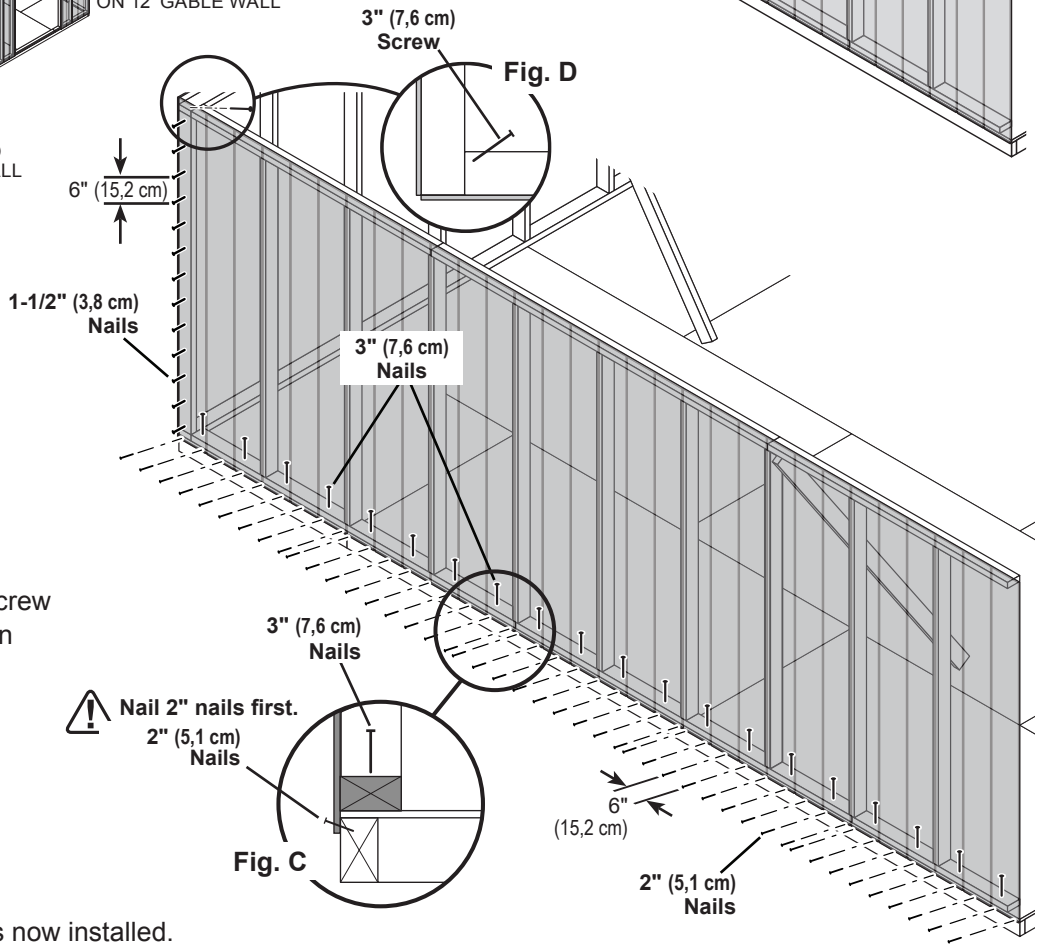
2

Nail 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 at the corner at an angle as shown **(Fig. D)**.

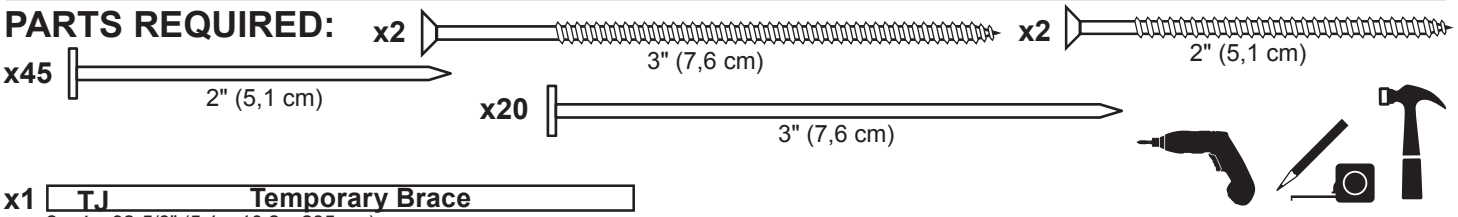


FINISH

Your 1st 20' eave wall 12 is now installed.

2nd 20' EAVE WALL 12 INSTALLATION

PARTS REQUIRED:



x1 **TJ** **Temporary Brace**
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

BEGIN

1

Place 2nd 20' wall 12 centered on floor. 1-1/2" (3,8 cm) overlap is to the top.

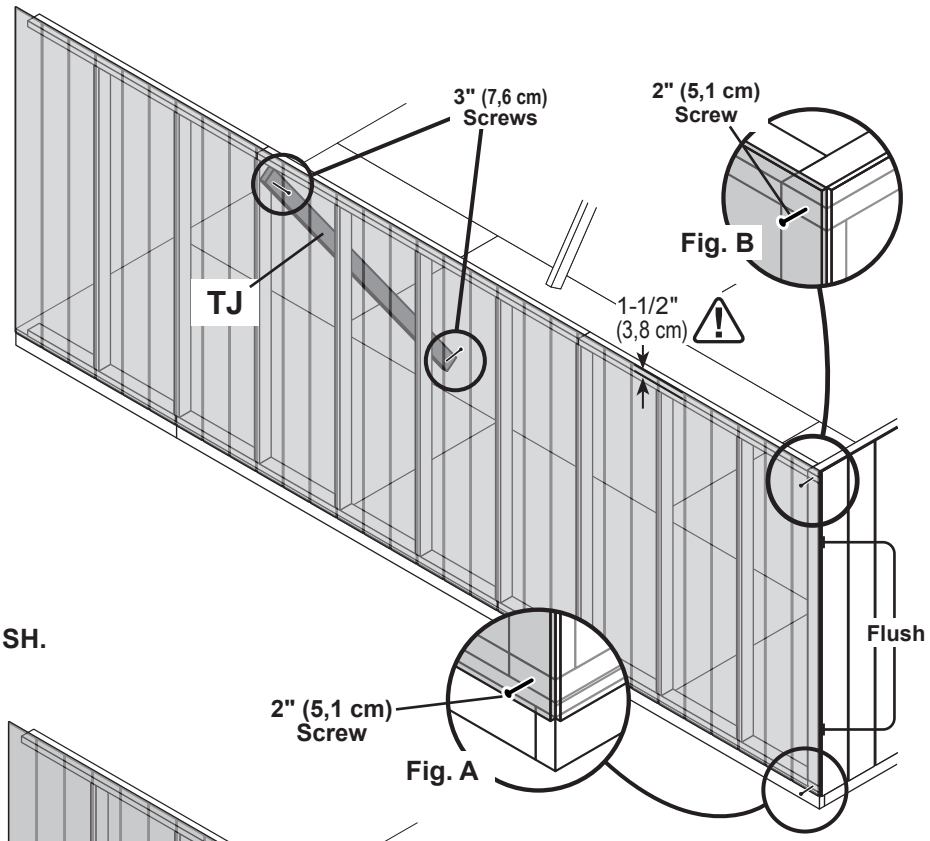
Use **TJ** as a temporary brace as shown. Secure **TJ** with (2) 3" screws.

2

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

Secure wall to bottom plate first.

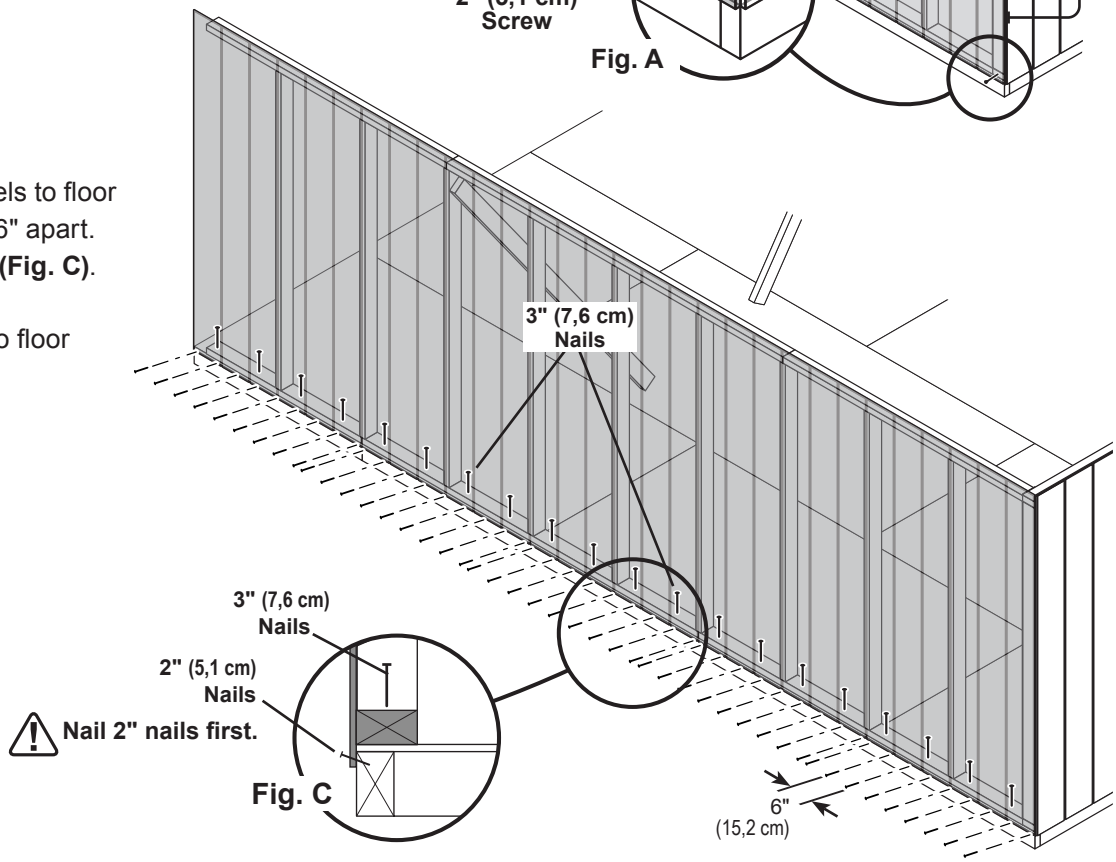
⚠ ENSURE PANEL CORNERS ARE FLUSH.



3

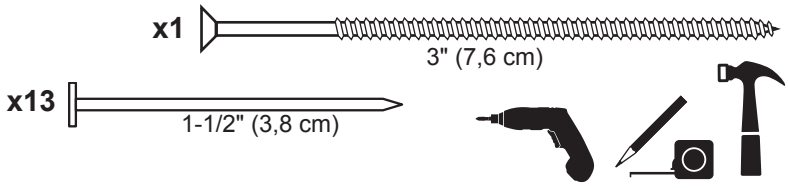
Nail lower edge of wall panels to floor frame with 2" nails spaced 6" apart. Angle nails into floor frame **(Fig. C)**.

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



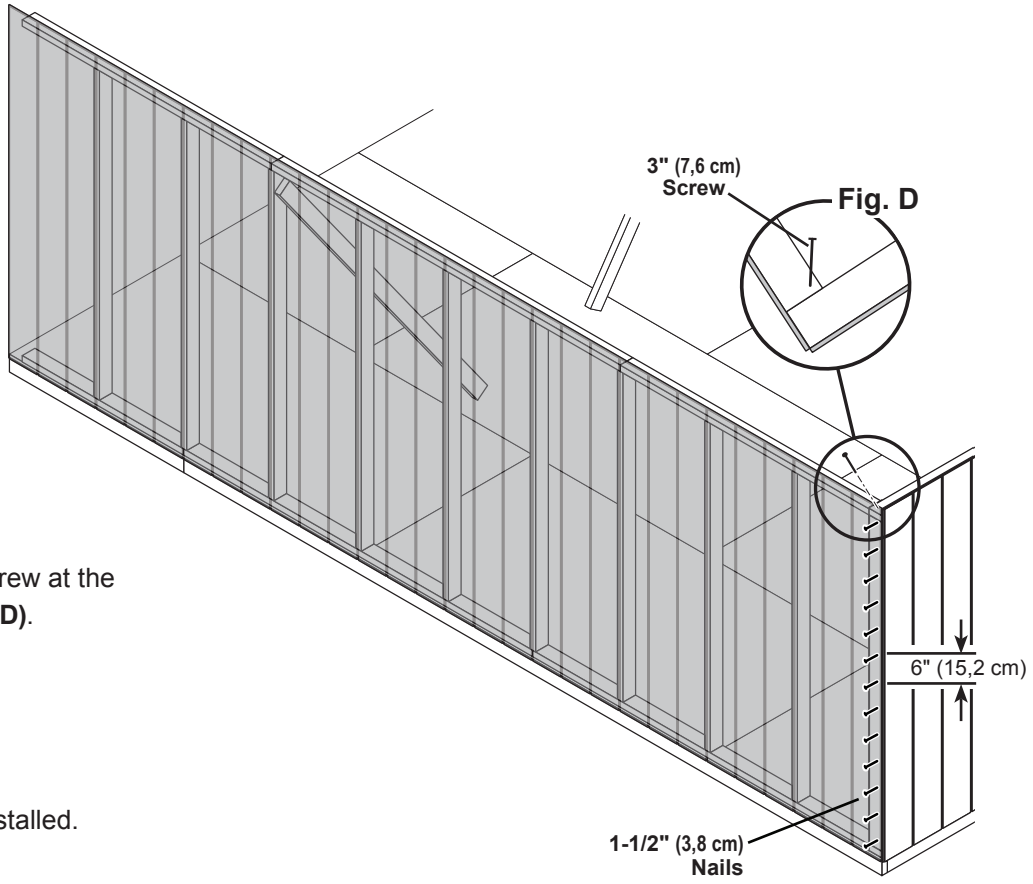
2nd 20' EAVE WALL 12 INSTALLATION

PARTS REQUIRED:



4

Secure 20' wall panel to 12' wall stud with 1-1/2" nails spaced 6" apart.



5

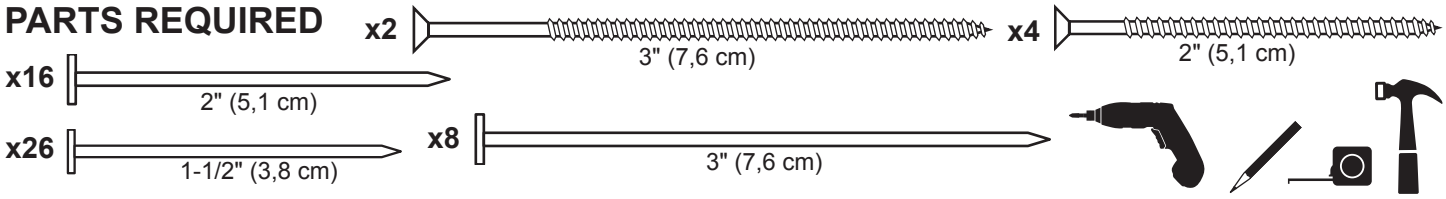
Secure wall top plate with (1) 3" screw at the corner at an angle as shown **(Fig. D)**.

FINISH

Your 2nd 20' wall 12 is now installed.

12' GABLE WALL WITH DOOR INSTALLATION

PARTS REQUIRED



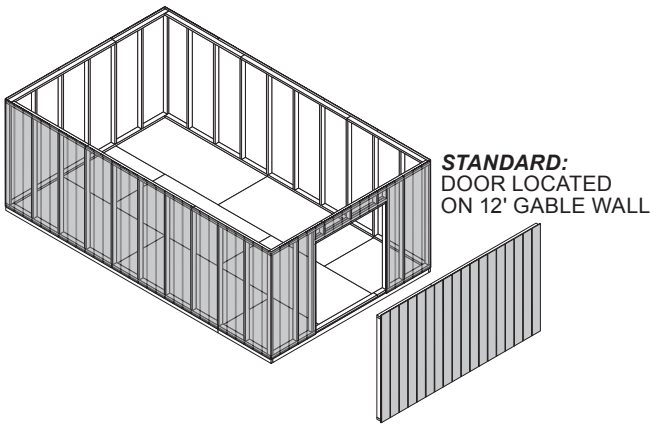
BEGIN

1 Place 12' gable wall on floor, centered between installed walls.

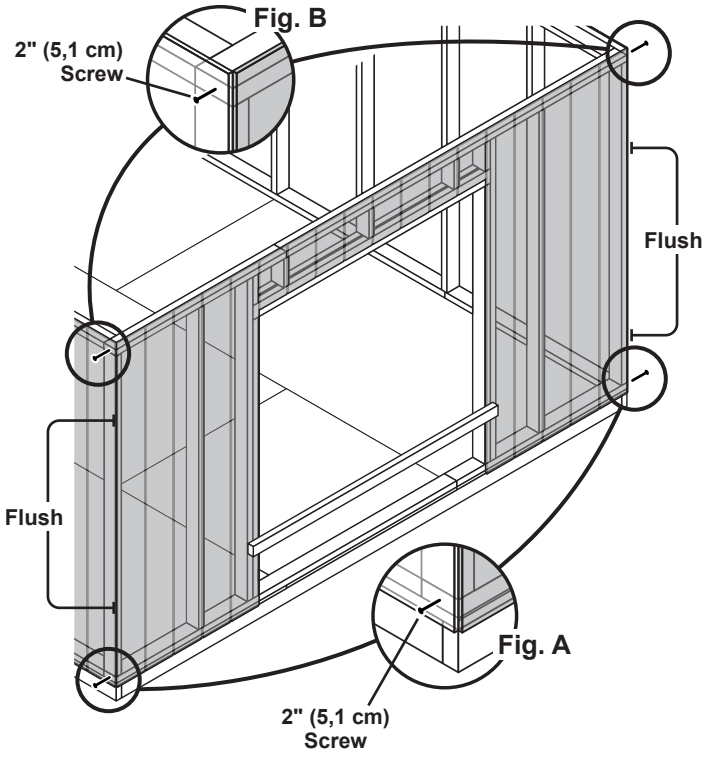
Secure wall with 2" screws into top and bottom plates **(Fig. A, Fig. B)**.

Secure wall to bottom plate first.

⚠ ENSURE PANEL CORNERS ARE FLUSH. ⚠



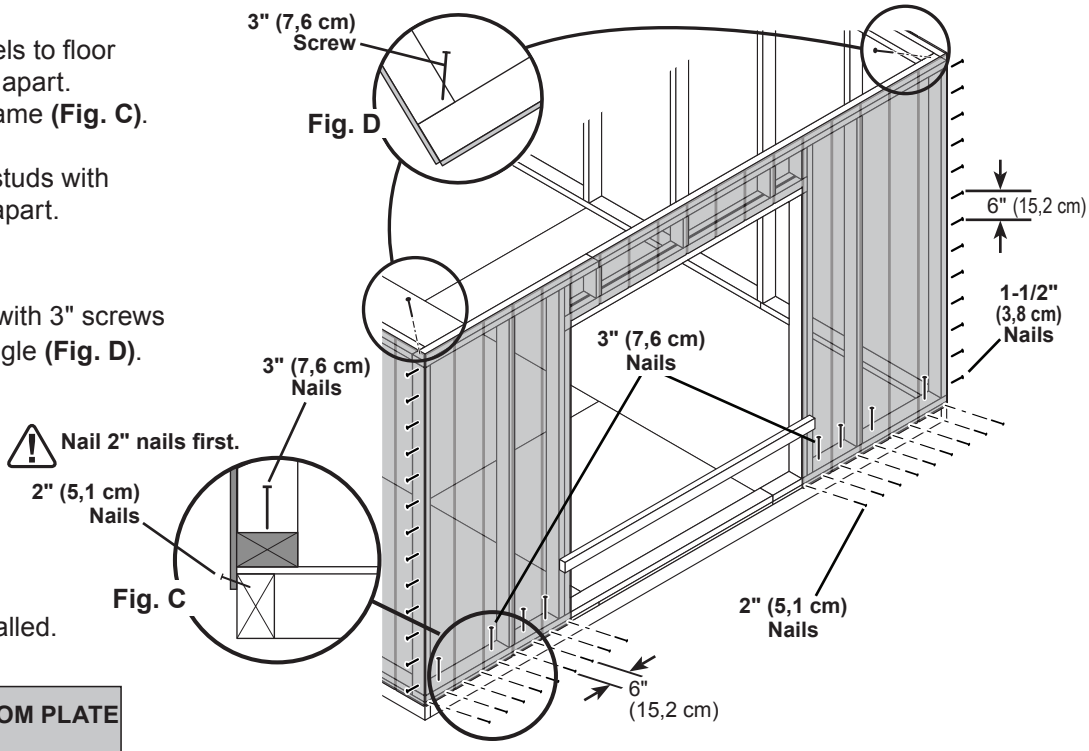
STANDARD:
DOOR LOCATED
ON 12' GABLE WALL



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

Nail panels to 24' 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)**.



FINISH

Your walls are now installed.

CUT OUT AND REMOVE BOTTOM PLATE AT DOOR OPENING.
REMOVE TEMPORARY BRACING.

12' x 20' WALL DOUBLERS INSTALLATION

PARTS REQUIRED:

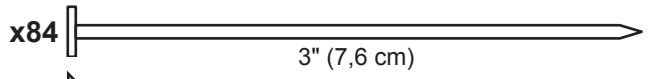
x2 SP
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x2 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

x2 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

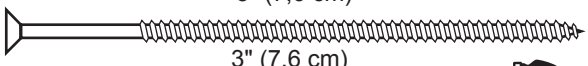
x4 PT
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

x84



3" (7,6 cm)

x8



3" (7,6 cm)

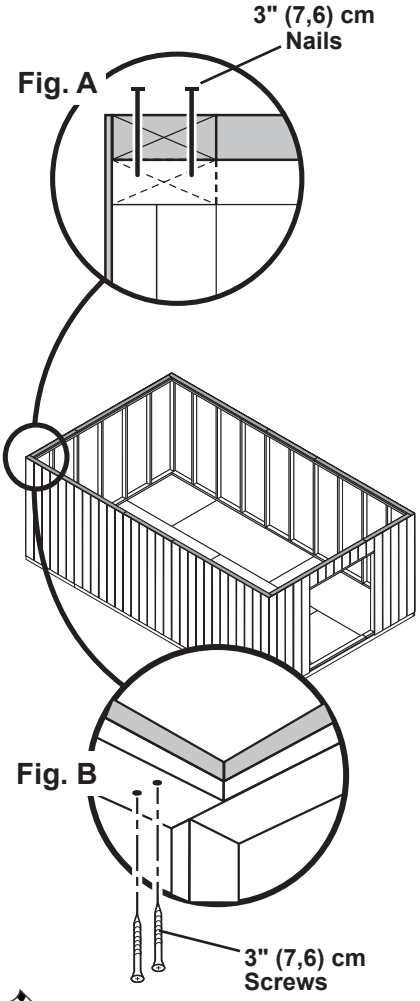
BEGIN

1

Orient parts on top of wall frames. Measure and mark from end of boards. Secure from top with (2) 3" nails spaced every 24" **(Fig. A).**

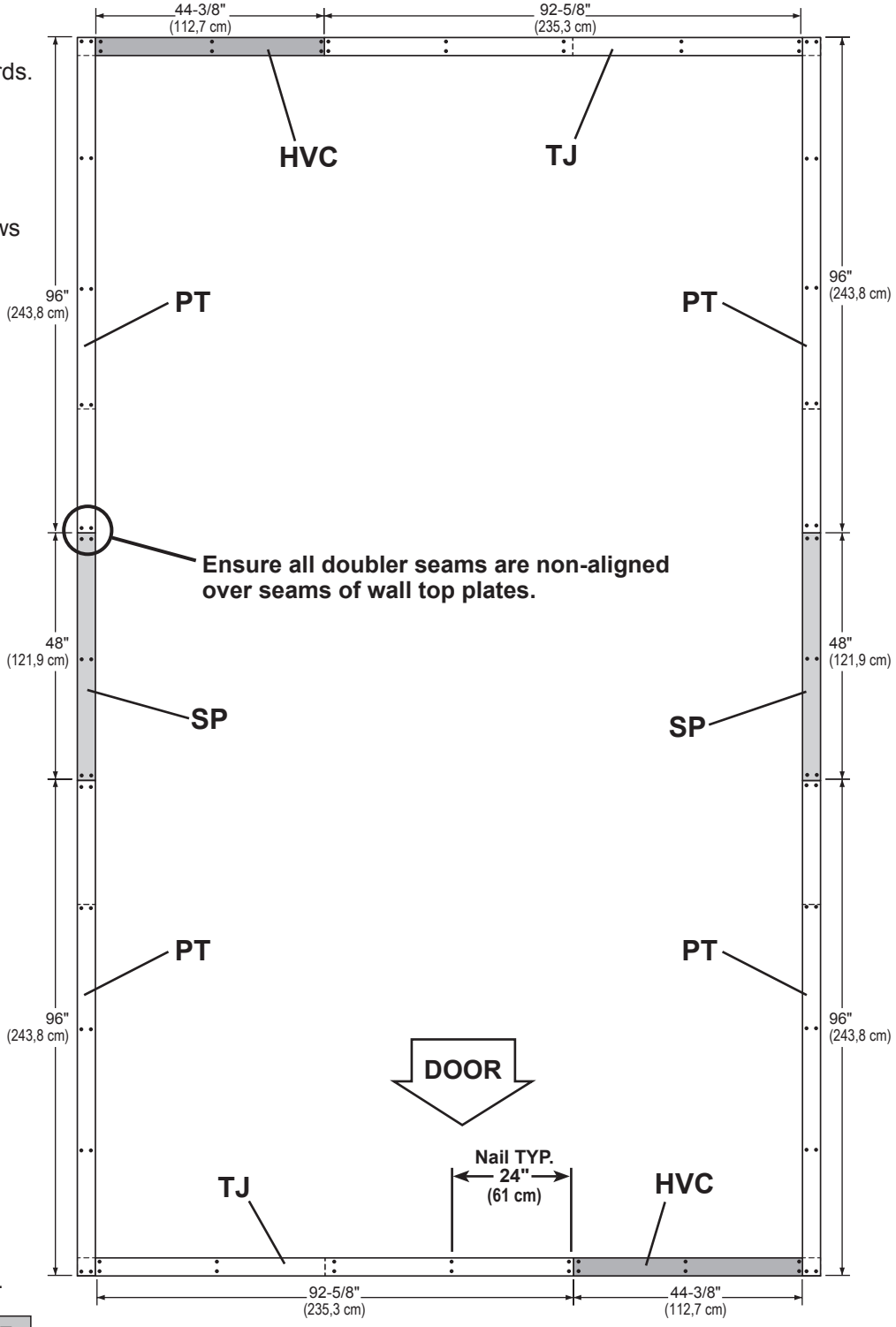
2

Secure from bottom with (2) 3" screws at each corner **(Fig. B).**



FINISH

Your wall doublers are now installed.



CONTINUE TO PAGE 79 TO RESUME CONSTRUCTION OF 12' X 20' SHED.

12' GABLE WALL 02 INSTALLATION

PARTS REQUIRED:

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

x12 3" (7,6 cm)

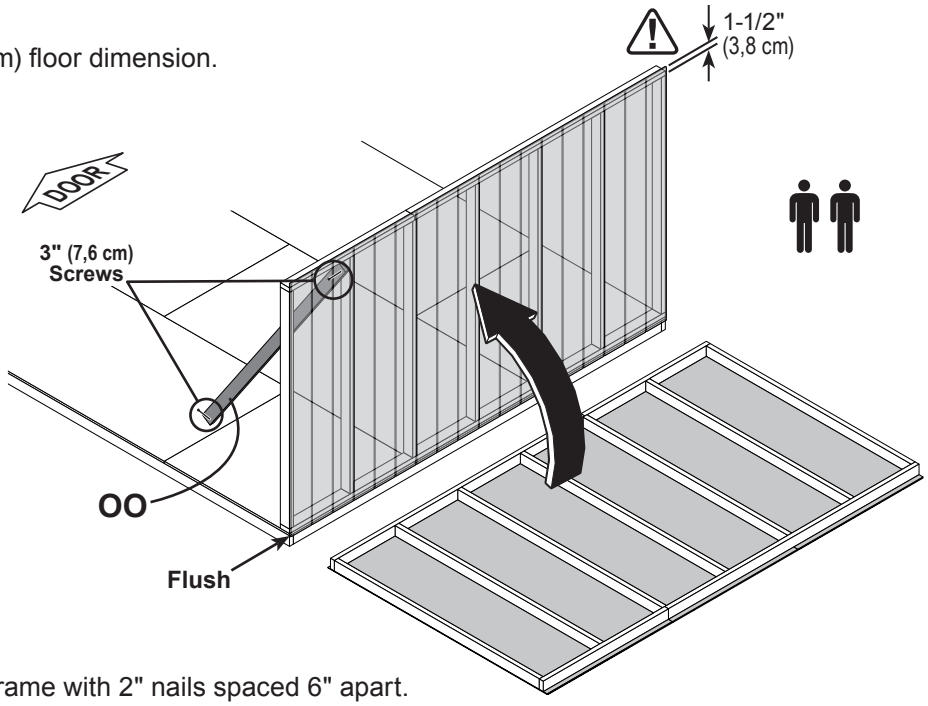
x2 3" (7,6 cm)

x27 2" (5,1 cm)

BEGIN

1 Center 12' wall on the 120" (304,8 cm) floor dimension. 1-1/2" (3,8 cm) overlap is to the top.

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



2 Secure lower edge of panel 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)**.

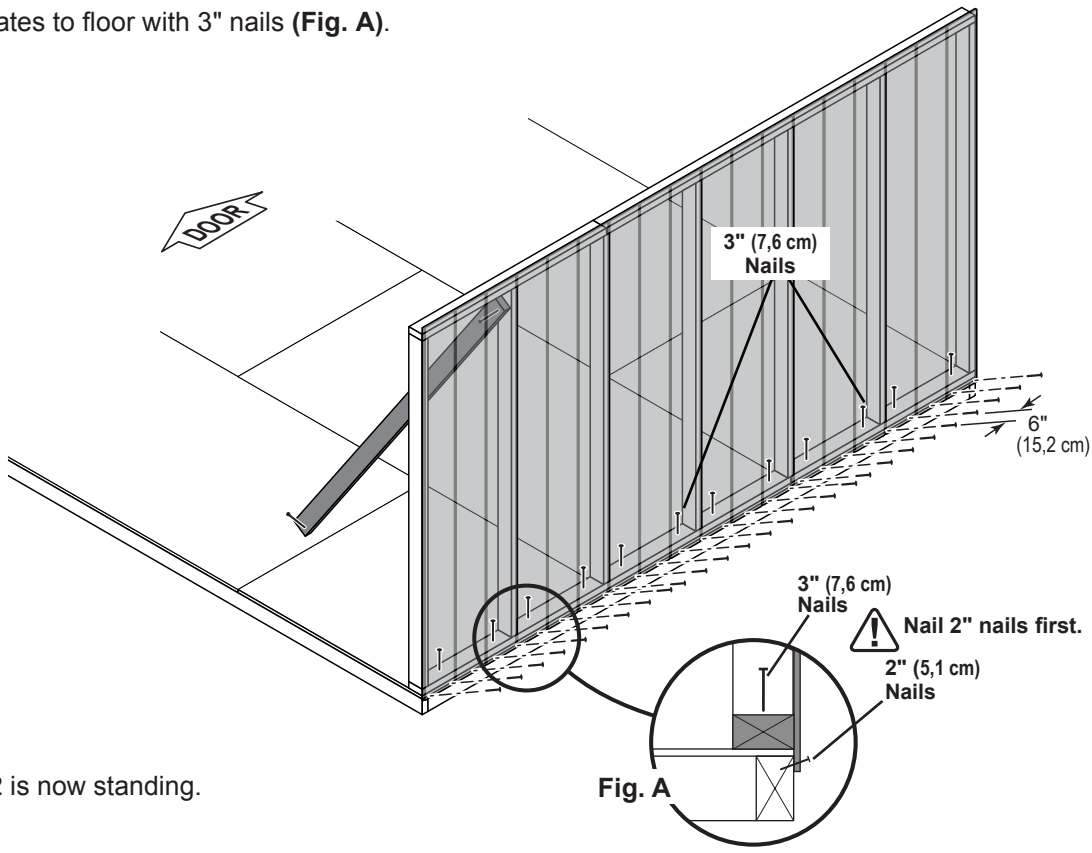


Fig. A

FINISH

Your 12' gable wall 02 is now standing.

1st 24' EAVE WALL 16 INSTALLATION

PARTS REQUIRED

x5 — 3" (7,6 cm)

x2 — 2" (5,1 cm)

x2 — **TJ** Temporary Brace
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

x13 — 1-1/2" (3,8 cm)

x54 — 2" (5,1 cm)

x24 — 3" (7,6 cm)

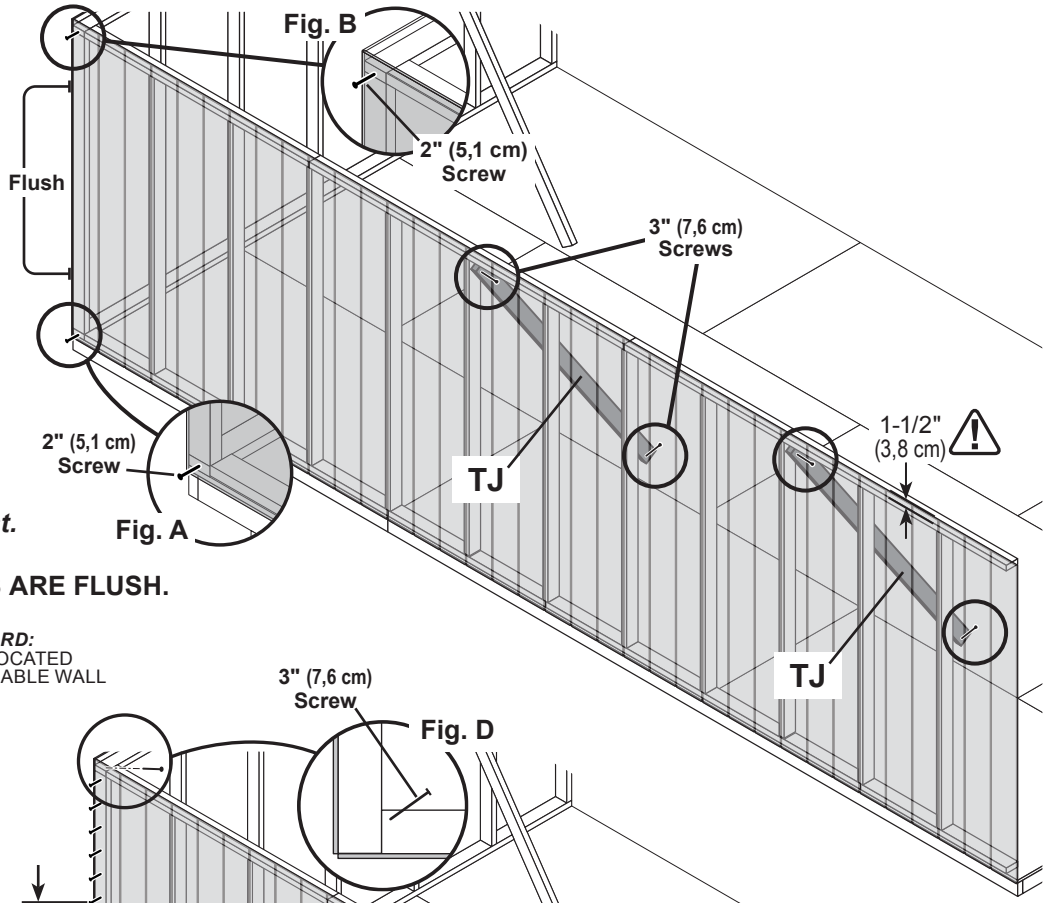
BEGIN

1

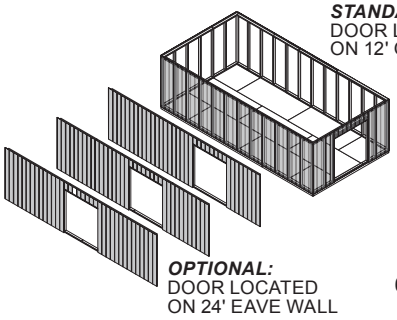
Place 1st 24' eave wall 16 centered on floor.
The 1-1/2" (3,8 cm) overlap is to the top.
Use (2) **TJ** as a temporary brace, as shown.
Secure **TJ** with (2) 3" screws.

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

Secure wall to bottom plate first.

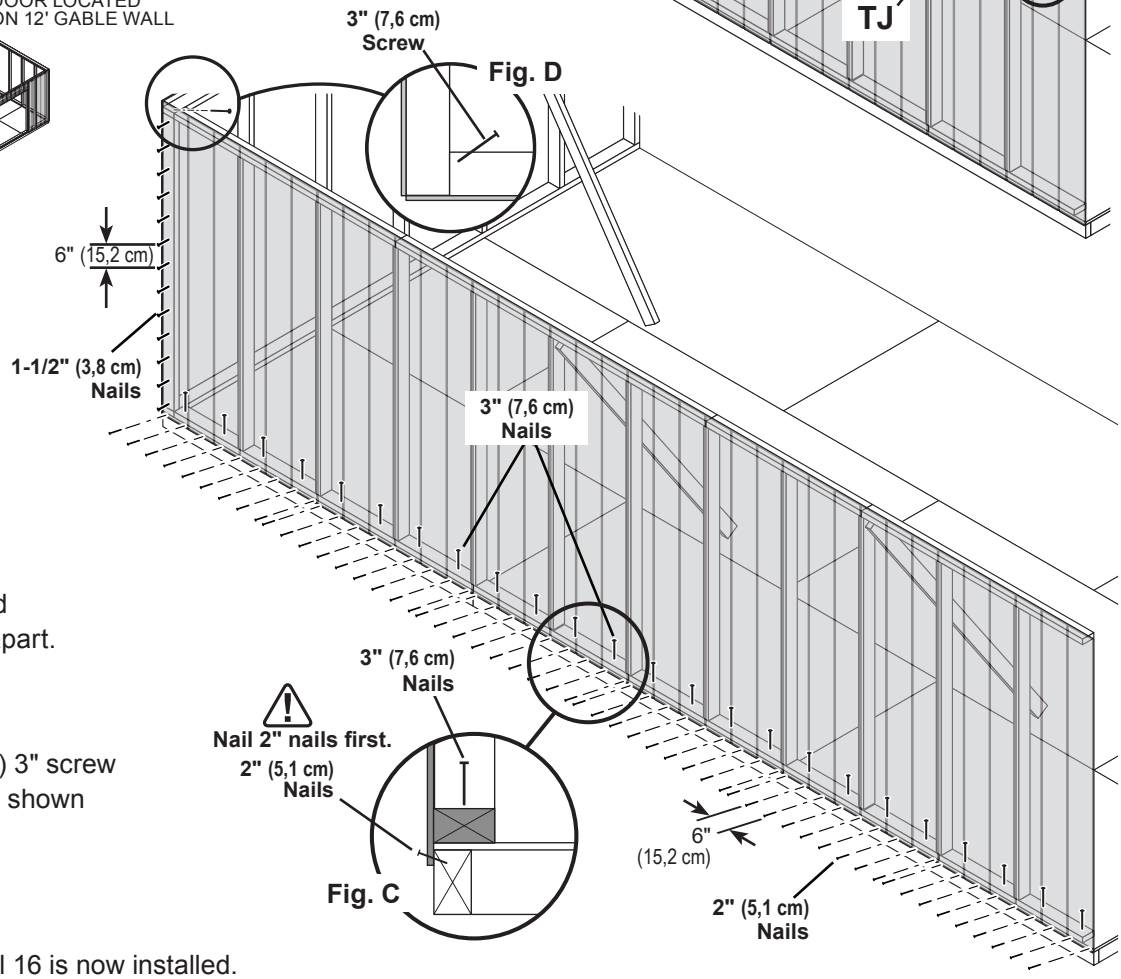


⚠ ENSURE PANEL CORNERS ARE FLUSH.



STANDARD:
DOOR LOCATED ON 12' GABLE WALL

OPTIONAL:
DOOR LOCATED ON 24' EAVE WALL



2

Nail 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

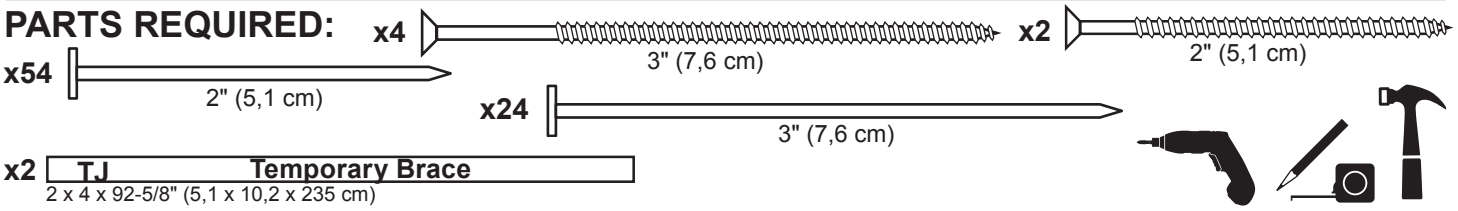
Secure wall top plate with (1) 3" screw at the corner at an angle, as shown **(Fig. D)**.

FINISH

Your 1st 24' eave wall 16 is now installed.

2nd 24' EAVE WALL 16 INSTALLATION

PARTS REQUIRED:



x2 **TJ** **Temporary Brace**
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

BEGIN

1

Place 2nd 24' wall 16 centered on floor.
The 1-1/2" (3,8 cm) overlap is to the top.

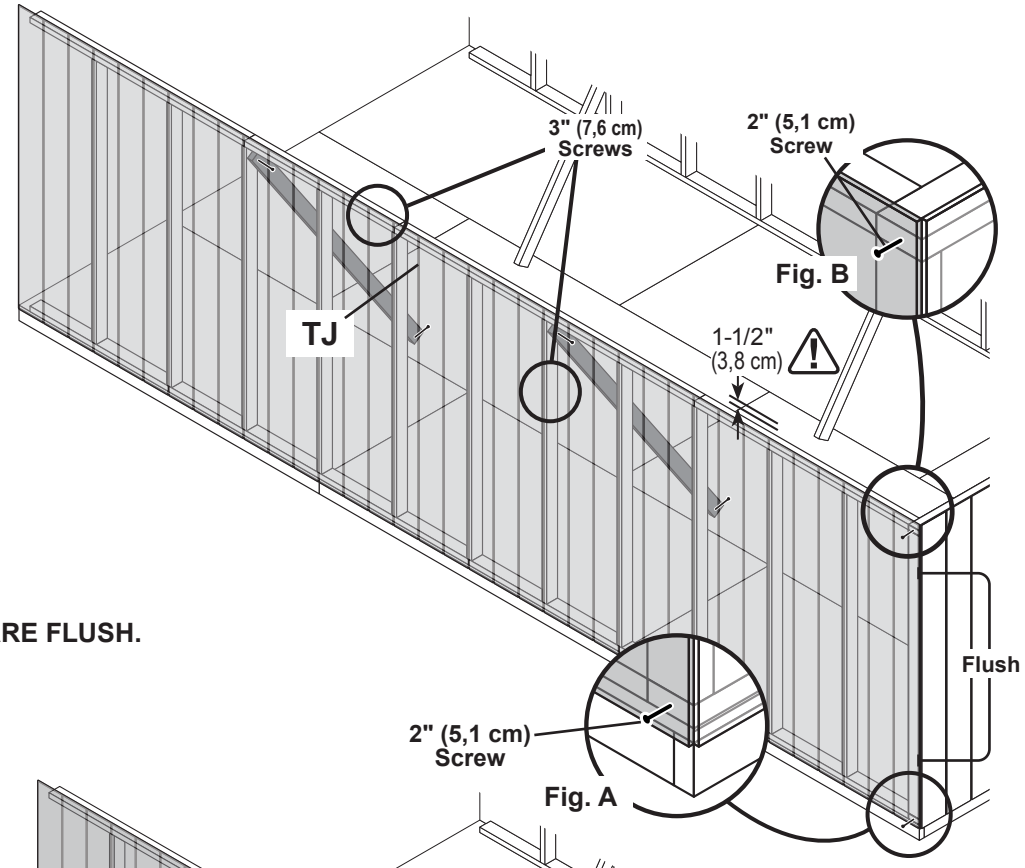
Use **TJ** as a temporary brace as shown.
Secure **TJ** with (2) 3" screws.

2

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

Secure wall to bottom plate first.

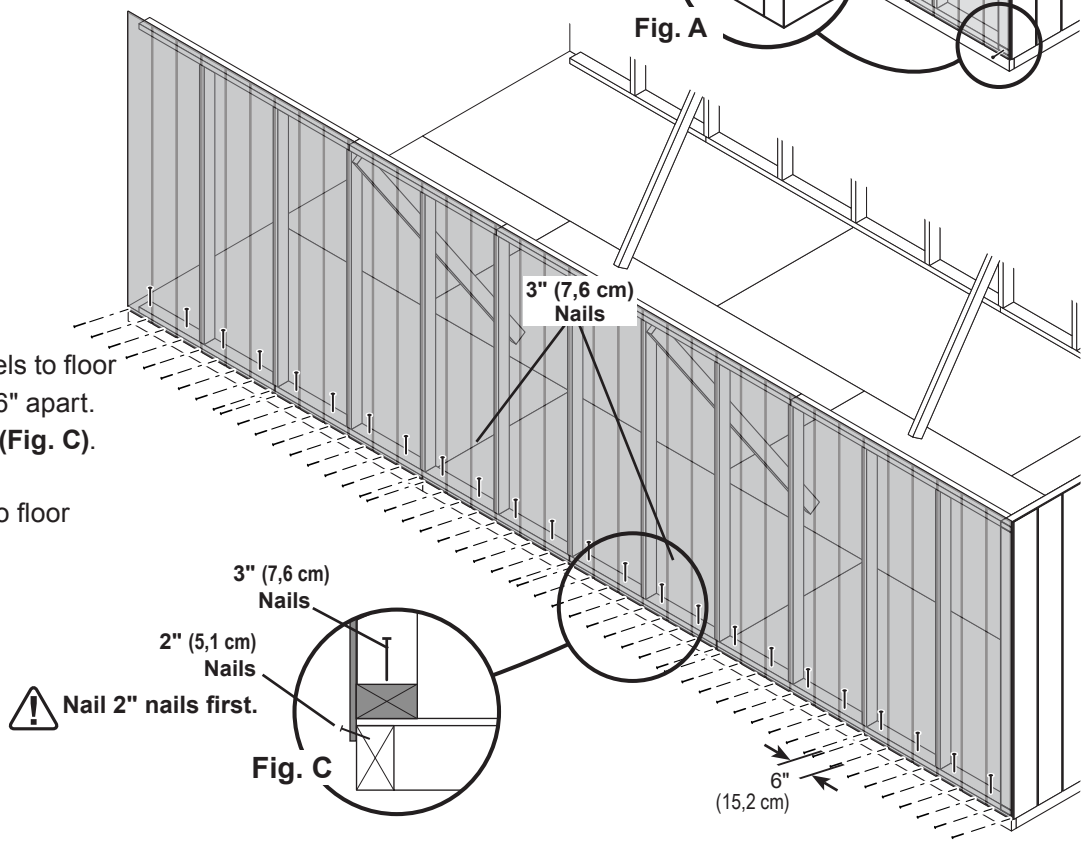
⚠ **ENSURE PANEL CORNERS ARE FLUSH.**



3

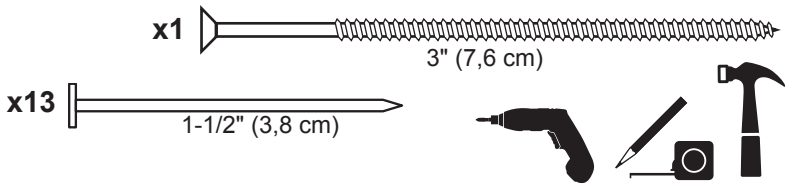
Nail lower edge of wall panels to floor frame with 2" nails spaced 6" apart. Angle nails into floor frame **(Fig. C)**.

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



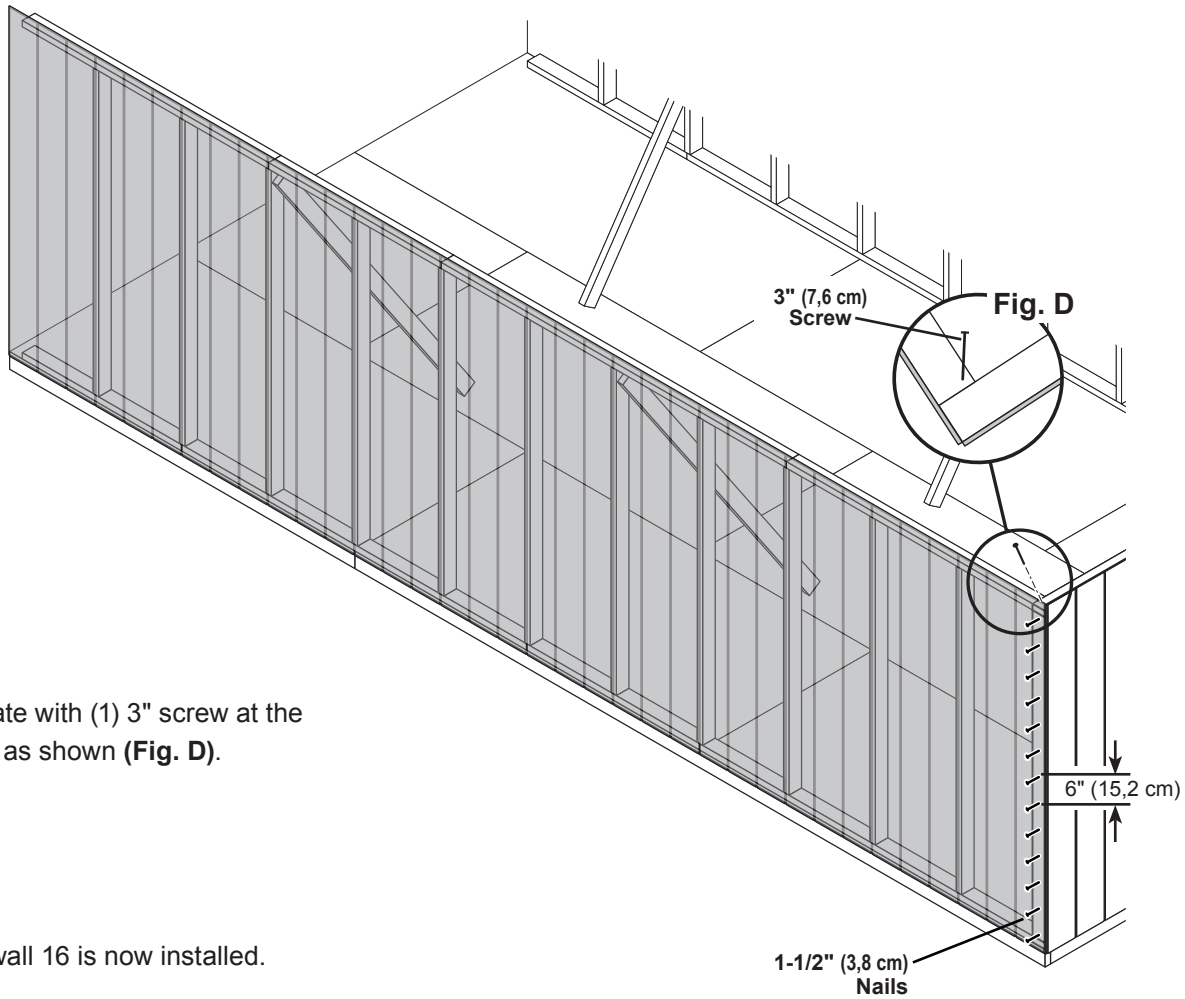
2nd 24' EAVE WALL 16 INSTALLATION

PARTS REQUIRED:



4

Secure 24' wall panel to 12' wall stud with 1-1/2" nails spaced 6" apart.



5

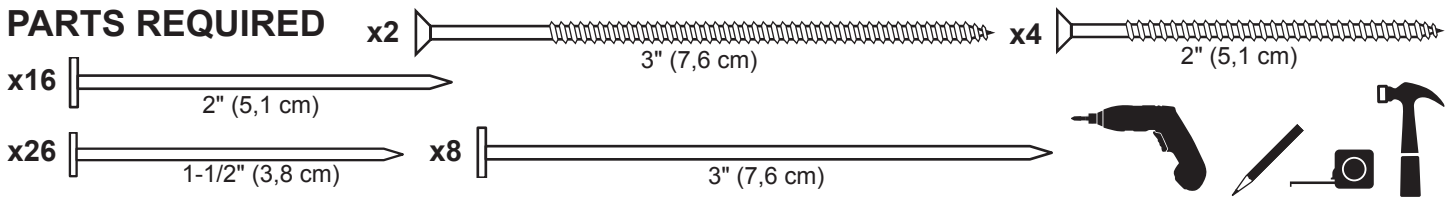
Secure wall top plate with (1) 3" screw at the corner at an angle as shown **(Fig. D)**.

FINISH

Your 2nd 24' wall 16 is now installed.

12' GABLE WALL 01 WITH DOOR INSTALLATION

PARTS REQUIRED



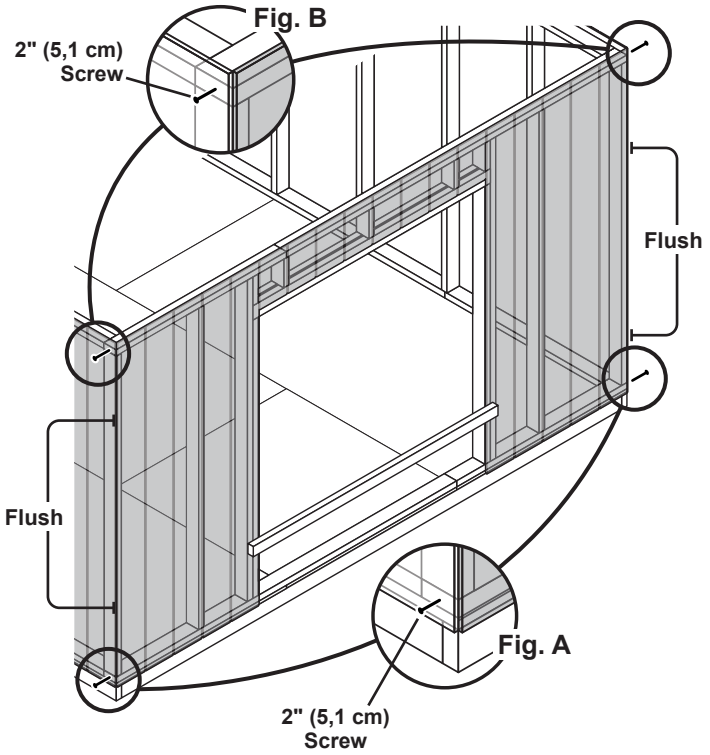
BEGIN

1 Place 12' gable wall on floor, centered between installed walls.

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

Secure wall to bottom plate first.

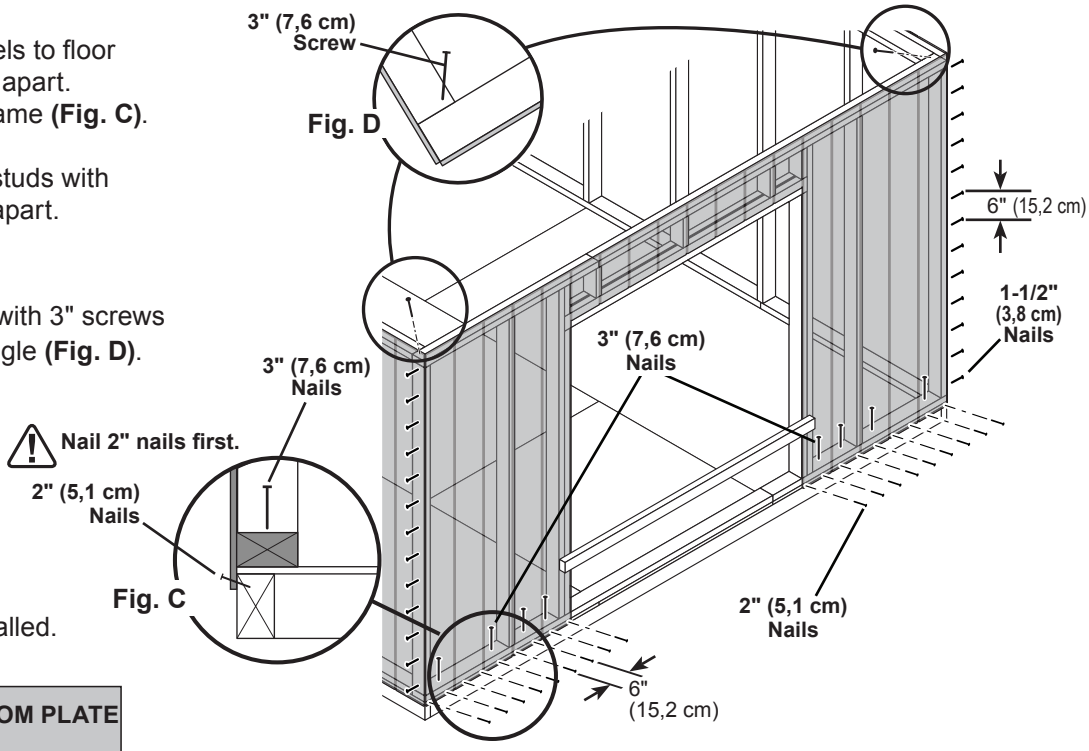
⚠ ENSURE PANEL CORNERS ARE FLUSH. ⚠



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

Nail panels to 24' 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)**.



FINISH

Your walls are now installed.

CUT OUT AND REMOVE BOTTOM PLATE AT DOOR OPENING.
REMOVE TEMPORARY BRACING.

12' x 24' WALL DOUBLERS INSTALLATION

PARTS REQUIRED:

x2 HVC
2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

x4 SP
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x2 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

x4 PT
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

x84 3" (7,6 cm)

x8 3" (7,6 cm)

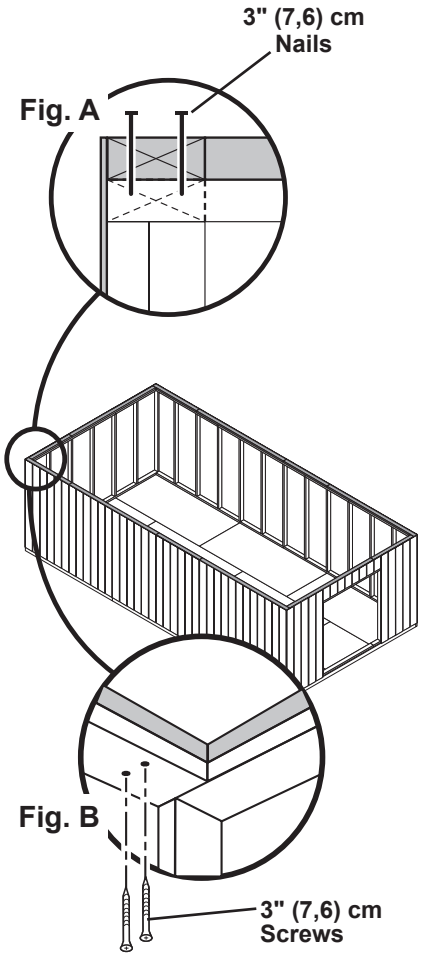
BEGIN

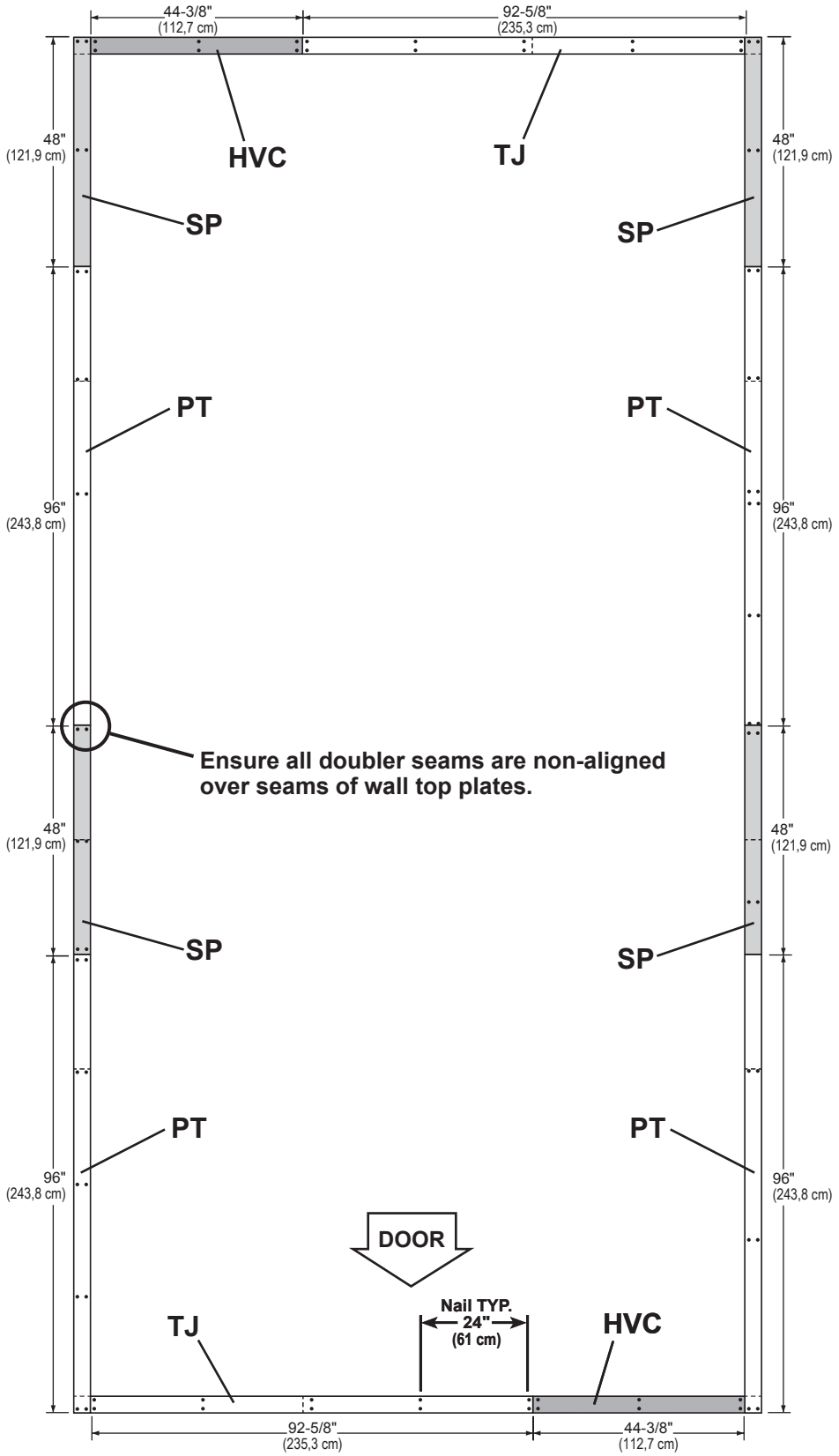
1

Orient parts on top of wall frames. Measure and mark from end of boards. Secure from top with (2) 3" nails spaced every 24" **(Fig. A).**

3

Secure from bottom with (2) 3" screws at each corner **(Fig. B).**





FINISH

Your wall doublers are now installed.

CONTINUE TO NEXT PAGE TO RESUME CONSTRUCTION OF 12' X 24' SHED.

Please continue to the included booklet

PART 2

to complete your shed.