⊗ STOP

DO NOT RETURN TO THE STORE!

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

24/7 Support

help.backyardproducts.com

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

Business Hours

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Monday - Friday .... 8:00am - 6:00pm EST
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Flexible schedule
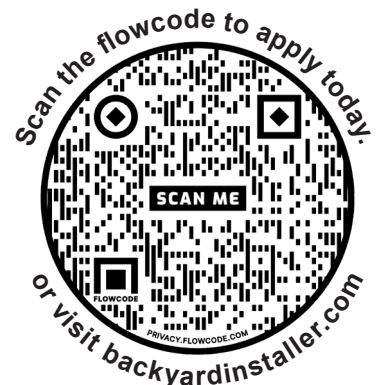
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SCAN ME

*based on number of completed installations

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16835-W | 08/15/2022

ASSEMBLY MANUAL
GABLE 10' x 12' (304,8 x 365,8 cm)

	BUILDING SIZE	ACTUAL FLOOR SIZE
BASE MODEL	*10' x 12' (304,8 x 365,8 cm)*	*10' x 12' (304,8 x 365,8 cm)*
ADD 10' x 4'	*10' x 16' (304,8 x 487,7 cm)*	*10' x 16' (304,8 x 487,7 cm)*

KEEP THIS MANUAL FOR FUTURE REFERENCE

**Base Building +1 Extender
10' x 16'**

Building 10' x 12'
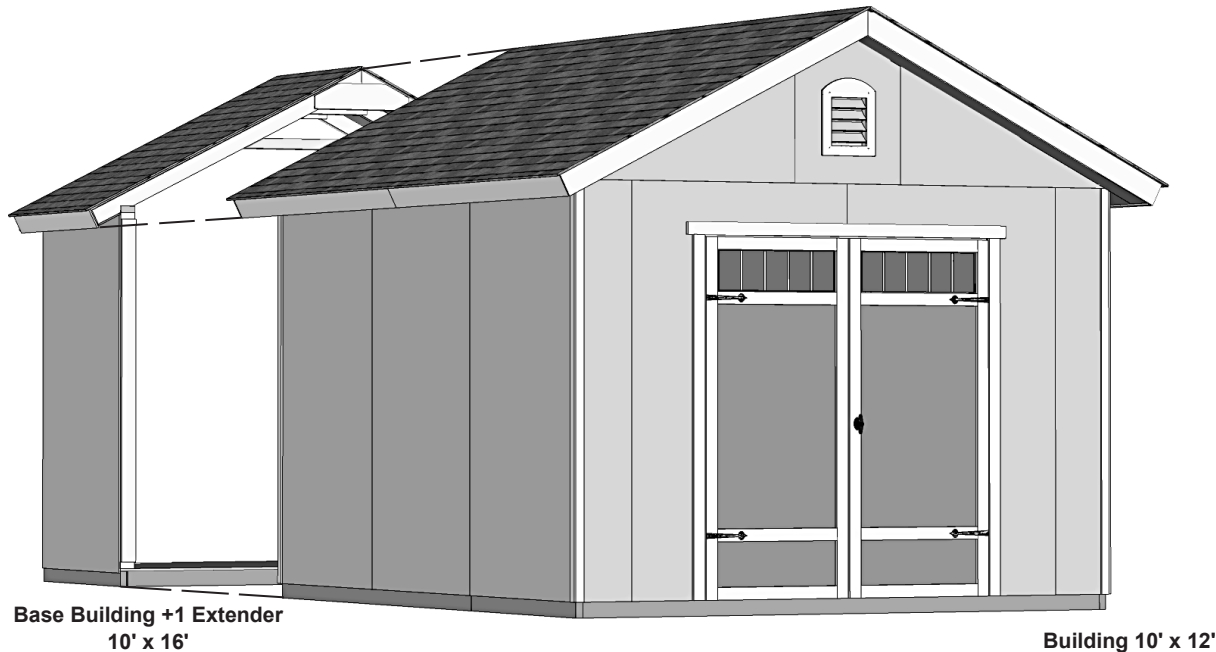
⚠ *IMPORTANT!* ⚠
READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY.

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*** 📱
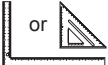
- Order form and warranty at back of manual -

Call: 1-734-242-6900 email: customerservice@backyardproducts.com

TOOLS

❏ Phillips
  Screwdriver

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

❏ Hammer

❏ Level

❏ Pencil

❏ Tape Measure

❏ Square   or

❏ Utility Knife
  ❏ Shingle Blades

❏ Caulk Gun

❏ Paint Tools

❏ Safety Glasses

❏ Hand Saw

❏ Ladder

Optional

❏ Tool Belt/
  Nail Pouch

❏ Tin Snips
  (for drip edge)

❏ Chalk Line

❏ Nail Gun
  • gun nails

❏ Gloves

Safety! Always use approved safety glasses during assembly.

HELPFUL REMINDER SYMBOLS
Look for these symbols for helpful reminders throughout this manual.

= Assistance Required; two or more people.

= Ensure squareness.

= Important required step or operation.

= Helpful assembly hint.

= Mark part with pencil.

√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**.)

A

B

C
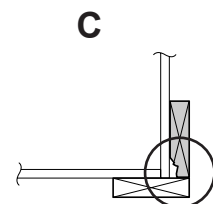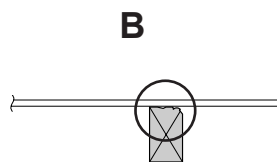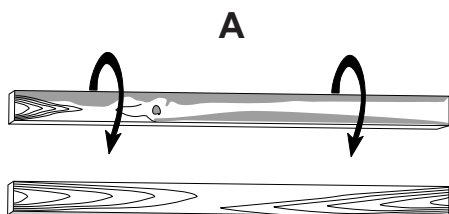
ADDITIONAL MATERIALS

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):

10x12'

☐ **x3** 2 x 4 x 10' (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

Optional 12" (30,5 cm) spacing
Standard 16" (40,5 cm) spacing
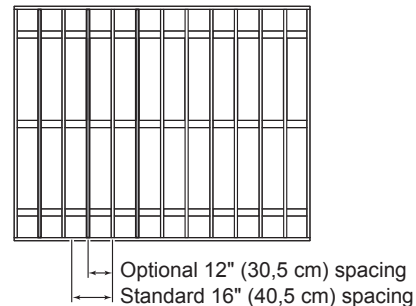
10x16'

☐ **x4** 2 x 4 x 10' (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

Optional 12" (30,5 cm) spacing
Standard 16" (40,5 cm) spacing
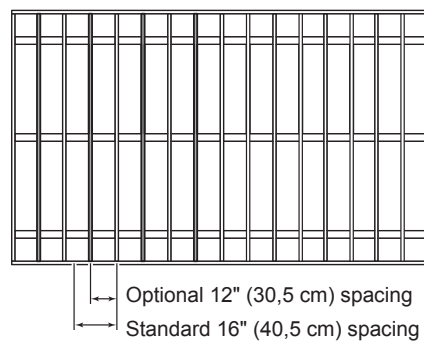
ADDITIONAL MATERIALS

COMPLETING YOUR SHED
You will need these additional materials:

10x12' 10x16'

ALL SIZES

		10x12'	10x16'
☐	3-TAB SHINGLES (Bundles)..................	7	9
☐	PAINT FOR SIDING (Gallons)................ Use 100% acrylic latex exterior paint. (2) coats recommended.	3	3
☐	1" GALVANIZED ROOFING NAILS(lbs). For shingles.	4	5

☐ PAINT FOR TRIM ....2 Quarts
Use 100% acrylic latex exterior paint.

☐ CAULK ...10x12 - 3 Tubes ...10x16 - 4 Tubes
Use acrylic latex exterior caulk that is paintable.

OPTIONAL MATERIALS

10x12' 10x16'

		10x12'	10x16'
☐	DRIP EDGE (Feet)......................................	60	70
☐	#15 ROOFING FELT (Sq ft. to cover)........	146	255
☐	1" GALVANIZED ROOFING NAILS(lbs).... For roofing felt.	¼	¼
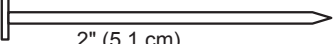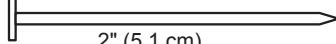
REFER TO THE BACK OF THIS MANUAL AND THE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF SHINGLES, DRIP EDGE AND FELT.

FLOOR PANELS (Not Included)
You will need floor panels and nails to complete your floor.
Floor panel sizes and quantities are shown below.
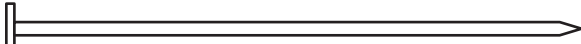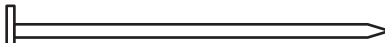
NOTE: Use a minimum of 5/8" (1,6 cm) Oriented Strand Board (OSB)

10x12'	10x16'
☐ **x4** 5/8" x 48" x96" (1,6 x 121,9 x 243,8 cm)	☐ **x5** 5/8" x 48" x96" (1,6 x 121,9 x 243,8 cm)
☐ **x1** 2" (5,1 cm) 1 lb. of 2" (5,1 cm) Hot Dipped Galvanized Box-Type Nails.	☐ **x2** 2" (5,1 cm) 1 lb. of 2" (5,1 cm) Hot Dipped Galvanized Box-Type Nails.

NAIL BOXES (Shown Actual Size)

☐ **x4** BOXES ——————————————► 3" (7,6 cm)

☐ **x6** BOXES ——————————► 2" (5,1 cm)

PARTS IDENTIFICATION AND SIZES

Part identification letters are stamped on some parts.

RS   RS

Check these locations for part stamp.
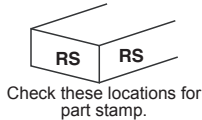
Treated lumber is stamped:

TREATED

WOOD SIZE CONVERSION CHART

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

PARTS LIST

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

3/4" (1,9 cm)

WALLS

- ☐ **x1** **GAA** 1 x 3 x 5" (2,5 x 7,6 x 12,7 cm) Gauge Block for 3/4" (1,9 cm) measurement
- ☐ **x3** **UY** 2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)
- ☐ **x2** **JBD** 2 x 4 x 20-3/8" (5,1 x 10,2 x 51,8 cm)
- ☐ **x1** **RGF** 2 x 3 x 8" (5,1 x 7,6 x 20,3 cm) *(Used when window installed.)*
- ☐ **x4** **UV** 2 x 4 x 23-1/4" (5,1 x 10,2 x 59,1 cm)
- ☐ **x2** **RL** 2 x 4 x 24" (5,1 x 10,2 x 61 cm)
- ☐ **x2** **SL** 2 x 4 x 36" (5,1 x 10,2 x 91,4 cm)
- ☐ **x2** **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)
- ☐ **x1** 7/16" x 3-1/4" x 66-3/4" (1,1 x 8,3 x 169,5 cm) *OSB*
- ☐ **x6** **AM** 2 x 4 x 67" (5,1 x 10,2 x 170,2 cm)
- ☐ **x6** **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)
- ☐ **x2** **TO** 2 x 4 x 84" (5,1 x 10,2 x 213,4 cm)
- ☐ **x4** **TJ** 2 x 4 x 92-5/8" (5,1 x 10,2 x 235,3 cm)
- ☐ **x4** **TP** 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)
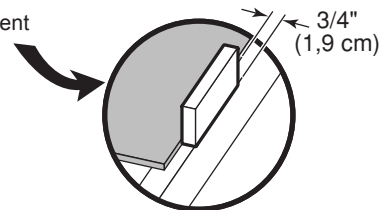
RAFTERS

- ☐ **x12** **CLA** 2 x 4 x 4-7/8" (5,1 x 10,2 x 12,4 cm)
- ☐ **x12** 6 x 24" (15,2 x 61 cm) **OSB OR WOOD GRAIN** ⚠
- ☐ **x2** **HJ** 1 x 3 x 72" (5,1 x 10,3 x 183 cm)
- ☐ **x14** **ECN** 2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)

TRIM

- ☐ **x4** 3/8 x 7-7/8 x 73-5/16" (1 x 20 x 186,2 cm)
- ☐ **x8** **ECA** 2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)
- ☐ **x2** 3/8 x 4-3/4 x 75-7/8" (1 x 12,1 x 197,2 cm)
- ☐ **x2** 3/8 x 4-3/4 x 75-7/8" (1 x 12,1 x 197,2 cm)
- ☐ **x4** 3/8 x 5-7/8 x 72-3/4" (1 x 14,9 x 184,8 cm)
- ☐ **x4** 3/8 x 4-3/4 x 80-5/8" (1 x 12,1 x 204,8 cm)
- ☐ **x4** 3/8 x 1-3/4 x 81-7/8" (1,0 x 4,4 x 208 cm)
- ☐ **x4** 3/8 x 1-3/4 x 82-1/2" (1,0 x 4,4 x 209,6 cm)

DOOR

- ☐ **x4** **AH** 19/32" x 3" x 26-5/8" (1,5 x 7,6 x 67,6 cm)
- ☐ **x1** **ZJ** 19/32" x 3" x 72" (1,5 x 7,6 x 183 cm)
- ☐ **x2** **OO** 69" Door Stiffener (175,3 cm)

ROOF PANELS

Roof panels are 7/16" (1,1 cm) thick.   **NOTE: Panel parts are not stamped.**

x4
7/16 x 8-5/8 x 27-1/4"
(1,1 x 21,9 x 69,2 cm)

x4
7/16 x 8-5/8 x 48"
(1,1 x 21,9 x 121,9 cm)

x6
7/16 x 27-1/4 x 48"
(1,1 x 69,2 x 121,9 cm)

x2
7/16 x 47-7/8 x 48"
(1,1 x 121,6 x 121,9 cm)
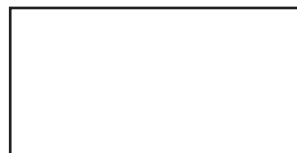
x2
7/16 x 48 x 96"
(1,1 x 121,9 x 243,8 cm)

WALL PANEL & DOORS PARTS LIST

x2
3/8 x 17-7/8 x 84" (1 x 45,4 x 213,4 cm)

x1
3/8 x 23-7/8 x 84" (1 x 60,6 x 213,4 cm)
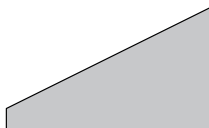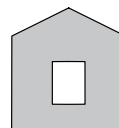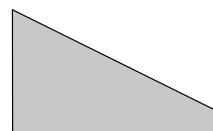
x2   x2   x2

x8
3/8 x 48 x 84"
(1 x 121,9 x 213,4 cm)
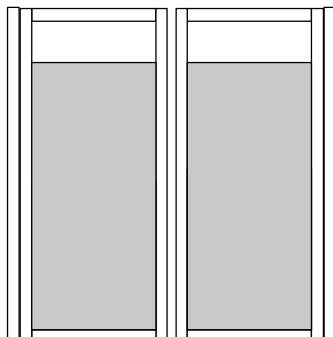
x1
LEFT DOOR

x1
RIGHT DOOR

x1   x1

6
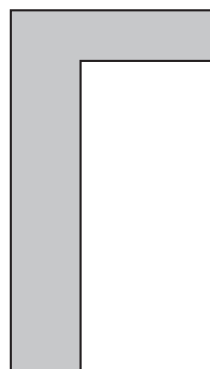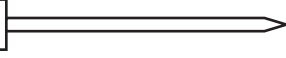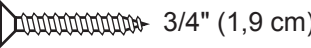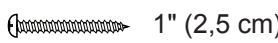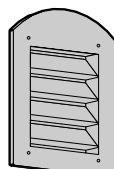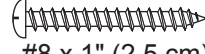
FASTENER/HARDWARE BAG

x100 — 1-1/2" (3,8 cm)

x255 — 2" (5,1 cm)

x175 — 3" (7,6 cm)

x24 — 2" (5,0 cm)

x58 — 1-5/8" (4,1 cm)

x72 — 3/4" (1,9 cm)

x8 — 1" (2,5 cm)
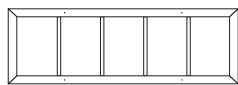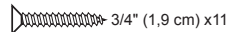
NOTE:
If you are using a nail gun, nails may be used where screws are shown for quicker assembly. Length of nail must match screw length.

VENT, WINDOW and DOOR HARDWARE

x4

x12 — 1" (2,5 cm)

x2   x8 — #8 x 1" (2,5 cm) Pan Head Screws

Handle (locking) with Screws

x2 — 1-1/4" (3,2 cm)

x1

x2 — **Transom Window**

x8 — 3/4" (1,9 cm)

x1 — **64" Metal Threshold**

— 3/4" (1,9 cm) x11 **Bagged seperately / special coating**

Spring Bolt

x2

x8 — 1-1/4 (3,2 cm)

(4 screws in each package)

7

PARTS IDENTIFICATION AND SIZES

Part identification is stamped on some parts.

RS   RS

• Check these locations for part stamp.

GABLE 10' x 4' EXTENDER KIT PARTS LIST

10x4' ☑

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

WALL

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

RAFTERS

☐ x4		6 x 24" (15 x 60,1 cm)
☐ x4	ECN	2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)
☐ x1	HJ	1 x 3 x 72" (5,1 x 10,3 x 183 cm)

TRIM

☐ x2		3/8 x 5-7/8 x 72-3/4" (1 x 14,9 x 121,9 cm)
☐ x2		3/8 x 4-3/4 x 80-5/8" (1 x 12,1 x 121,9 cm)

HARDWARE

☐ x12		3" (7,6 cm)
☐ x4		1-5/8" (4,1 cm)
☐ x32		2" (5,1 cm)

ROOF PANELS

☐ x2	47-7/8" x 48" (121,6 x 121,9 cm)	☐ x2 23-1/2" x 47-7/8" (59,7 x 121,9 cm)

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

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.

Treated Sill Plate

Caulk between
sill plate and
concrete.

D

D

3-1/2"
(8,9 cm)

C   B

A

DOOR

4"
(10,2 cm)

⚠ Sill plates must be treated lumber.
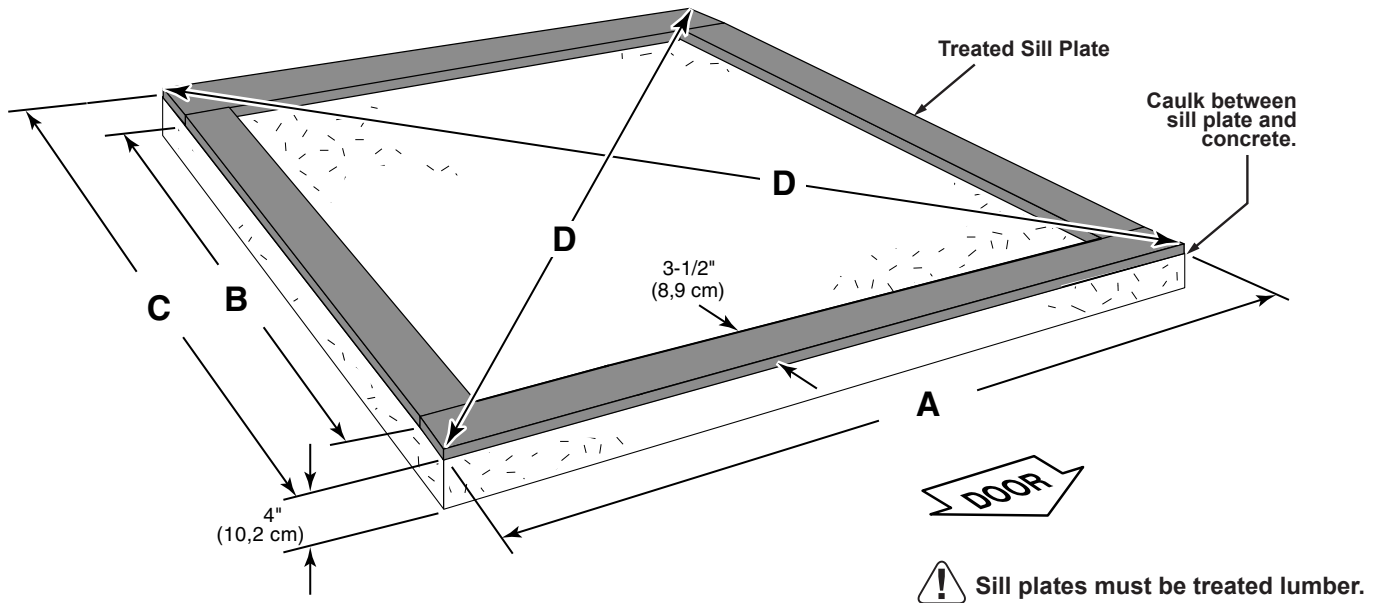
Building Size	Actual Floor Size	A	B	C	D
10'x12' (304,8 x 365,8 cm)	10' x 12' (304,8 x 365,8 cm)	120" (304,8 cm)	137" (348 cm)	144" (365,8 cm)	187-7/16" (476,1 cm)

10' x 12' Building Requires:

☐ x2 2 x 4 x 10' (5,1 x 10,2 x 304,8 cm)   ☐ x2 2 x 4 x 12' (5,1 x 10,2 x 365,8 cm)
Cut to: 137" (348 cm)

☐ x1 Caulk

Building Size	Actual Floor Size	A	B	C	D
10'x16' (304,8 x 487,7 cm)	10' x 16' (304,8 x 487,7 cm)	120" (304,8 cm)	185" (469,9 cm)	192" (487,7 cm)	226-7/16" (575,2 cm)

10' x 16' Building Requires:

☐ x2 2 x 4 x 10' (5,1 x 10,2 x 304,8 cm)   ☐ x2 2 x 4 x 16' (5,1 x 10,2 x 487,7 cm)
Cut to: 185" (469,9 cm)

☐ x1 Caulk

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

• **A treated 2 x 4 (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete.**

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

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

• **Fasten 2 x 4 (5,1 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 10' x 12' Kit)

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

Measurements to centers of 4x4's.

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

**12"
(30,5 cm)**

**12"
(30,5 cm)**
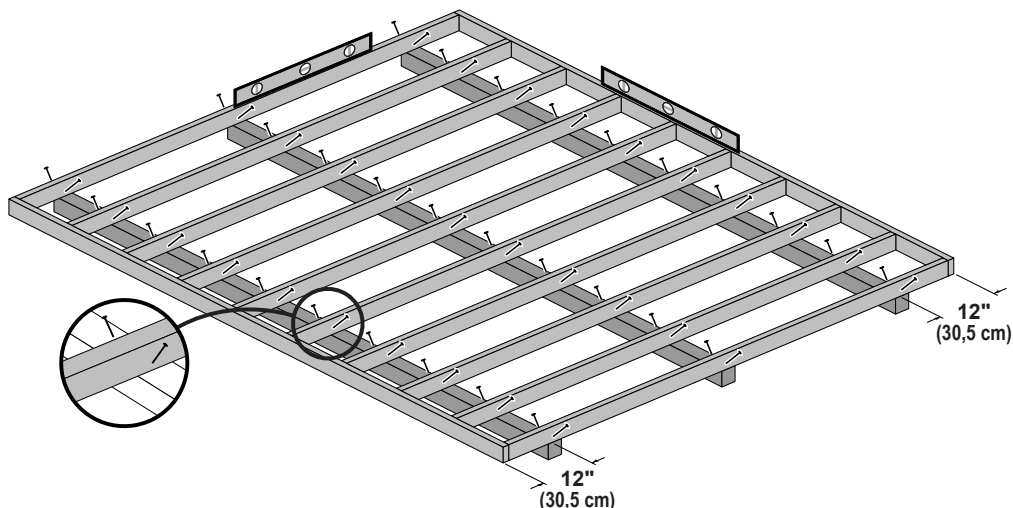
⚠ **FLOOR FRAME NOT INCLUDED**

MATERIAL REQUIRED:

10' x 12'	☐ **x3**	4 x 4 x 12' (10,2 x 10,2 x 305 cm) Treated Lumber
10' x 16'	☐ **x3**	4 x 4 x 16' (10,2 x 10,2 x 487,7 cm) Treated Lumber

Fasteners for Frame to 4x4:
(3" Screws shown as one option.)
Minimum 3" screws / exterior grade.

☐ **x60**	▷━━━━━━━►	3" (7,6 cm)
☐ **x78**	▷━━━━━━━►	3" (7,6 cm)

⚠ **Use only wood treated for ground contact and fasteners approved for use with treated wood.**

⚠ **Always support frame seams.**

Maximum between leveling material locations. 48"

Shingle   Level   4x4 Runner

12"   12"

Shingle

Do not exceed 16".

Gravel   2" Block   Gravel   4" Block   2x4 Treated Lumber   8" Block
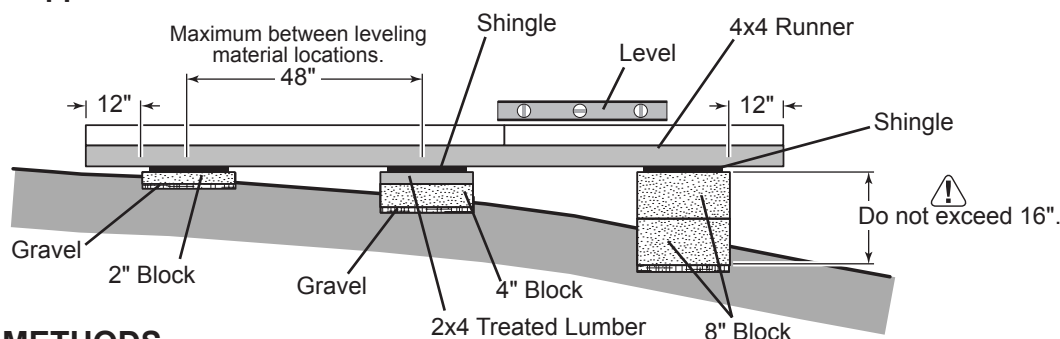
LEVELING METHODS

• **Level under 4x4 runners only.**
• **Locate leveling material 12" from ends of runners and no more than 48" apart.**
• **Asphalt shingles should be used between 4x4 runners and blocks or treated lumber. Never use shingles in direct contact with ground.**
• **For best results and aiding in water drainage use gravel under each concrete block.**

LEVELING MATERIALS

☐ **Gravel**

☐ **Solid Masonry Blocks in 1", 2", 4" or 8" thickness**

☐ **2x4 Treated Lumber**

☐ **Asphalt Shingles**

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

10

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.

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

1   Check for frame squareness by measuring diagonally across the corners.
If the measurements are the same, the frame is square.
- The diagonal measurement for 10' x 12' will be approximately **187-7/16" (476,1 cm) (Fig. A)**.
- The diagonal measurement for 10' x 16' will be approximately **226-7/16" (575,2 cm) (Fig. C)**.

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. B).**

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

First, secure at ends with one fastener.

**Fig. A
10' x 12'**

**187-7/16"
(476,1 cm)**

**187-7/16"
(476,1 cm)**

• 3" (7,6 cm) screws angled into 4x4.
• (2) at each connnection.

Fig. B

Measurements to centers of 4x4's.

**12"
(30,5 cm)**

**12"
(30,5 cm)**

Second, secure at ends with one fastener.

🏁**FINISH**
Your floor frame is now level.

First, secure at ends with one fastener.

**Fig. C
10' x 16'**

**226-7/16"
(575,2 cm)**

**226-7/16"
(575,2 cm)**

• 3" (7,6 cm) screws angled into 4x4.
• (2) at each connnection.

Fig. B

Measurements to centers of 4x4's.

**12"
(30,5 cm)**

🏁**FINISH**
Your floor frame is now level.

**12"
(30,5 cm)**

Second, secure at ends with one fastener.

11

STOP! Ensure that the floor frame is level after installing floor panels.
Re-level if necessary.
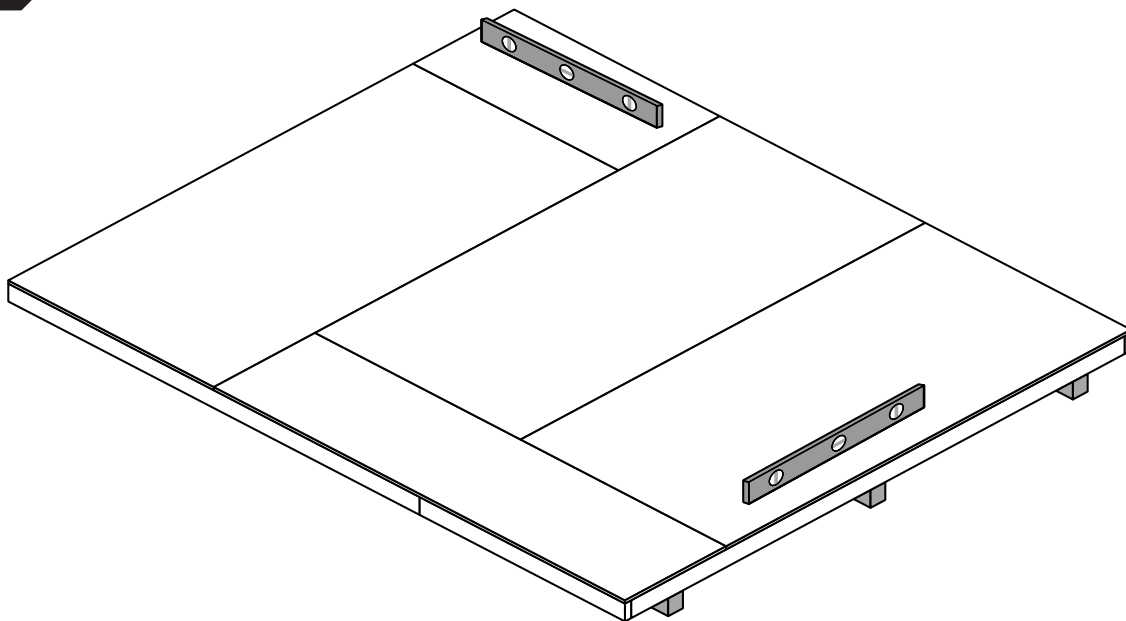
HINT:

- 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.

GABLE WALL

EAVE WALL

EAVE WALL

EAVE WALL

EAVE WALL
OPTION

Your door location may vary.

GABLE WALL
OPTION
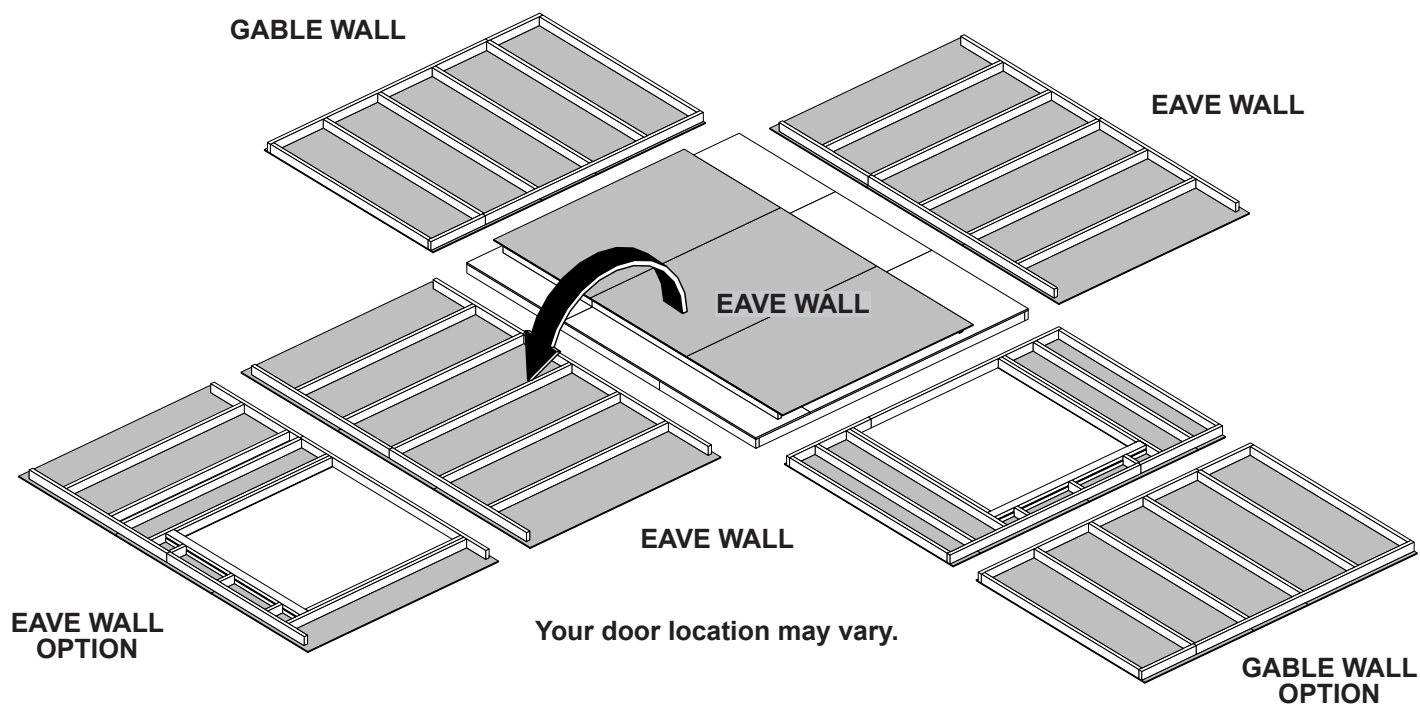
RAFTER ASSEMBLY

PARTS REQUIRED:

x2 | CLA | 2 x 4 x 4-7/8" (5,1 x 10,2 x 12,4 cm)

x6 3" (7,6 cm)
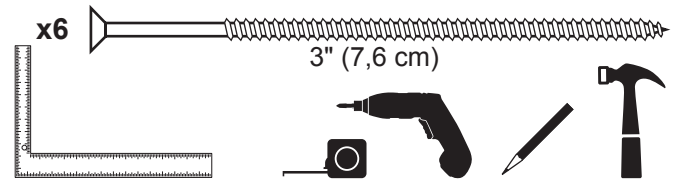
Build a rafter jig using the floor and (2) CLA parts.

✓**BEGIN**

1 Secure (1) **CLA** flush to the floor deck with (2) 3" screws **(Fig. A)**.
Measure over 120-3/4" (306,7 cm) and install a second **CLA** flush to the floor deck.
Secure with (2) 3" screws.

Fig. A

(2) 3" (7,6 cm)
Screws
in each CLA

Attach CLA on 12' wide side of floor.

Flush

Flush

CLA x2

120-3/4"
(306,7 cm)

12' wide side of floor.

10x12' **10x16'**

PARTS REQUIRED:

10x12'	10x16'	
x12	x16	OSB OR WOOD GRAIN
x14	x18	ECN 2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)
x130	x174	2" (5,1 cm)
x14	x18	1-5/8" (4,1 cm)

✓ **BEGIN**

1 Place (2) rafters **ECN** into the jig, as shown.

2 Press **ECN** firmly against the outside of **CLA**'s, as shown **(Fig. A)** and push rafters tight to the middle. Rafters should touch (flush) at peak **(Fig. A)**.

Place gusset onto **ECN** with a 1/4" gap from edge **(Fig. A)** while holding rafters in place.
Secure gusset with (1) 1-5/8" screw into each rafter.
   HINT: These screws will help hold the measurements when you nail on gussets.
Secure the gusset to the rafters with (10) 2" nails in the pattern shown **(Fig. A)**.

1/4" (1,9 cm) **Flush** 1/4" (1,9 cm)

Flush at peak

1/4" (1,9 cm) GAP

1/4" (1,9 cm) GAP

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

Fig. A

ECN x2

Keep rafters pressed firmly against CLA at both ends when securing gusset.
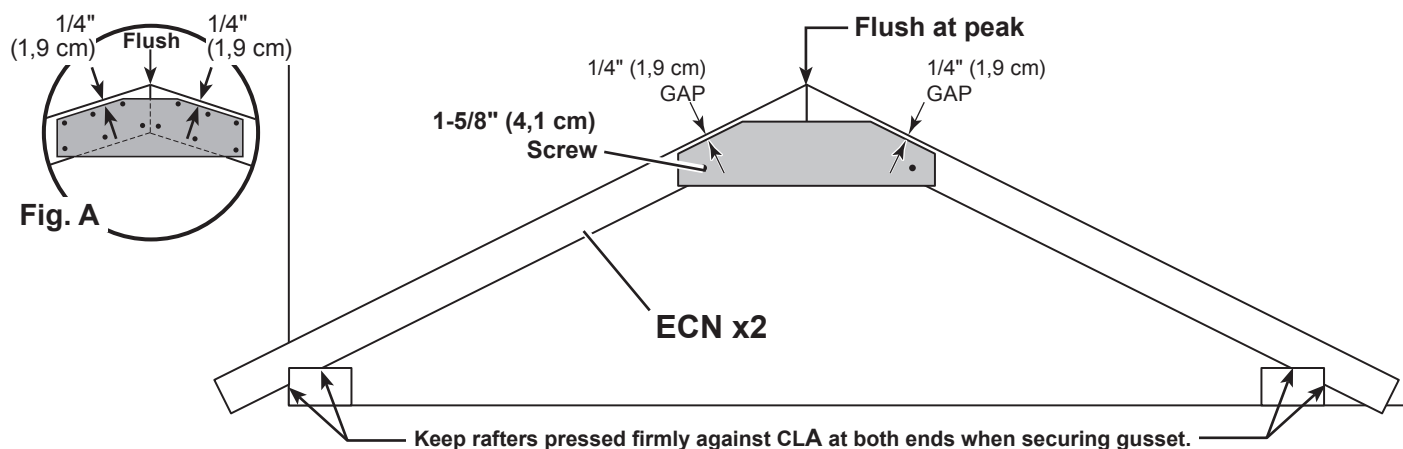
3 Flip over rafter assembly and fasten a 2nd gusset with 2" nails **(Fig. A, FIg. B)**.
No need to use the jig for the 2nd gusset.

Repeat steps 1-3 to build (4) or (6) ADDITIONAL rafters with (2) gussets (FIg. B).

4 Repeat steps 1 and 2 to build (2) rafters with only (1) gusset **(FIg. C)**

Fig. B - *Build 5 or 7 (total)*

Fig. C - *Build 2*

120-3/4" (306,7 cm)

120-3/4" (306,7 cm)

🏁 **FINISH**
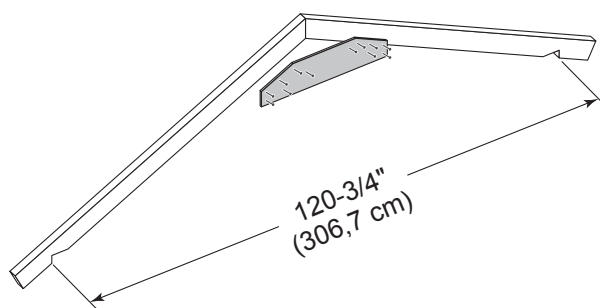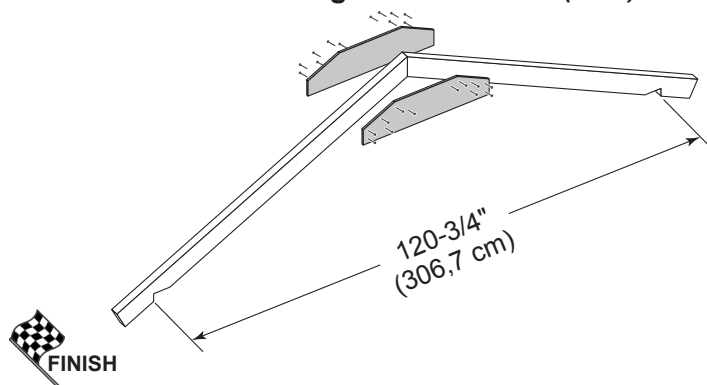
Your rafters are now assembled.

14

WALL INDEX

Create your own style of shed. Choose your door location.
Use this guide to find the corresponding wall construction and installlation pages.

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

⚠ **IMPORTANT! Build your door header before building any walls (see page 16).**

10' x 12' Door on gable wall
After assembling the walls for your 10' x 12' shed, go to page 32 for wall installation.

02   **04**

04   **01**
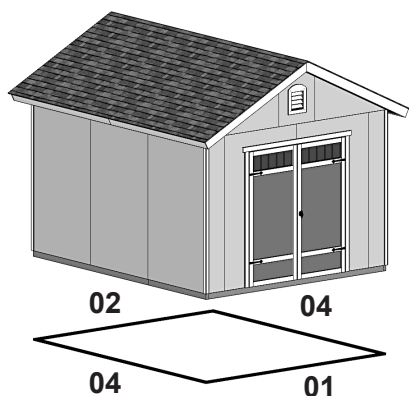
10' x 12'
Wall 01: Page 18
Wall 02: Page 20
Wall 04: Page 24 (Build 2 eave walls)

10' x 12' Door on eave wall
After assembling the walls for your 10' x 12' shed, go to page 32 for wall installation.

02   **04**

05   **03**
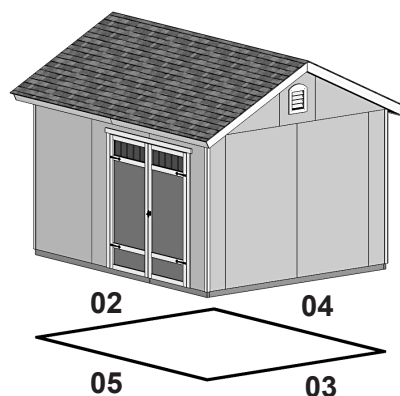
10' x 12'
Wall 02: Page 20
Wall 03: Page 22
Wall 04: Page 24
Wall 05: Page 26

10' x 16' Door on gable wall
After assembling the walls for your 10' x 16' shed, go to page 38 for wall installation.

02   **06**

06   **01**
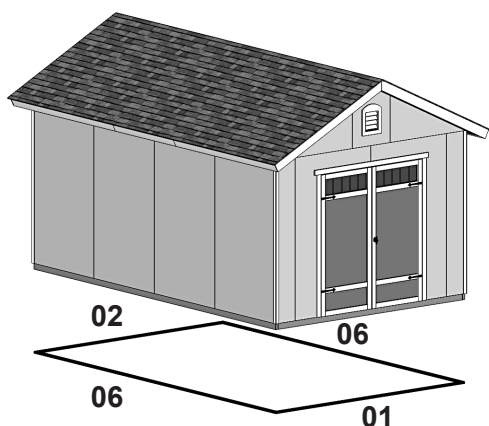
10' x 16'
Wall 01: Page 18
Wall 02: Page 20
Wall 06: Page 28 (Build 2 eave walls)

10' x 16' Door on eave wall
After assembling the walls for your 10' x 16' shed, go to page 38 for wall installation.

02   **06**

07   **03**
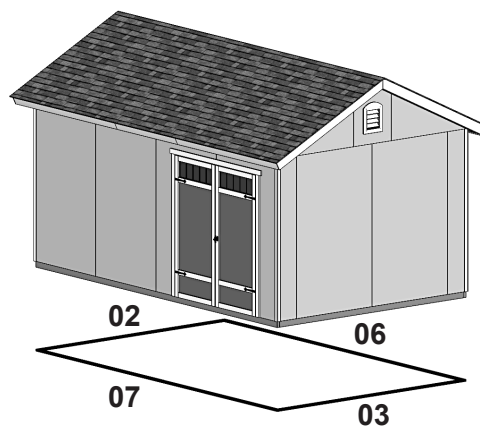
10' x 16'
Wall 02: Page 20
Wall 03: Page 22
Wall 06: Page 28
Wall 07: Page 30

DOOR HEADER

Assemble this door header before building any walls!
Any wall with a door will require this assembly.

PARTS REQUIRED:

x18 3" (7,6 cm)

x2 **AM**
2 x 4 x 67" (5,1 x 10,2 x 170,2 cm)

x1
7/16 x 3-1/4 x 66-3/4" (1,1 x 8,3 x 170,2 cm) *OSB*
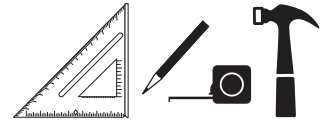
✓**BEGIN**

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.

ASSEMBLED END VIEW

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

AM

Flush

AM

OSB

Flush
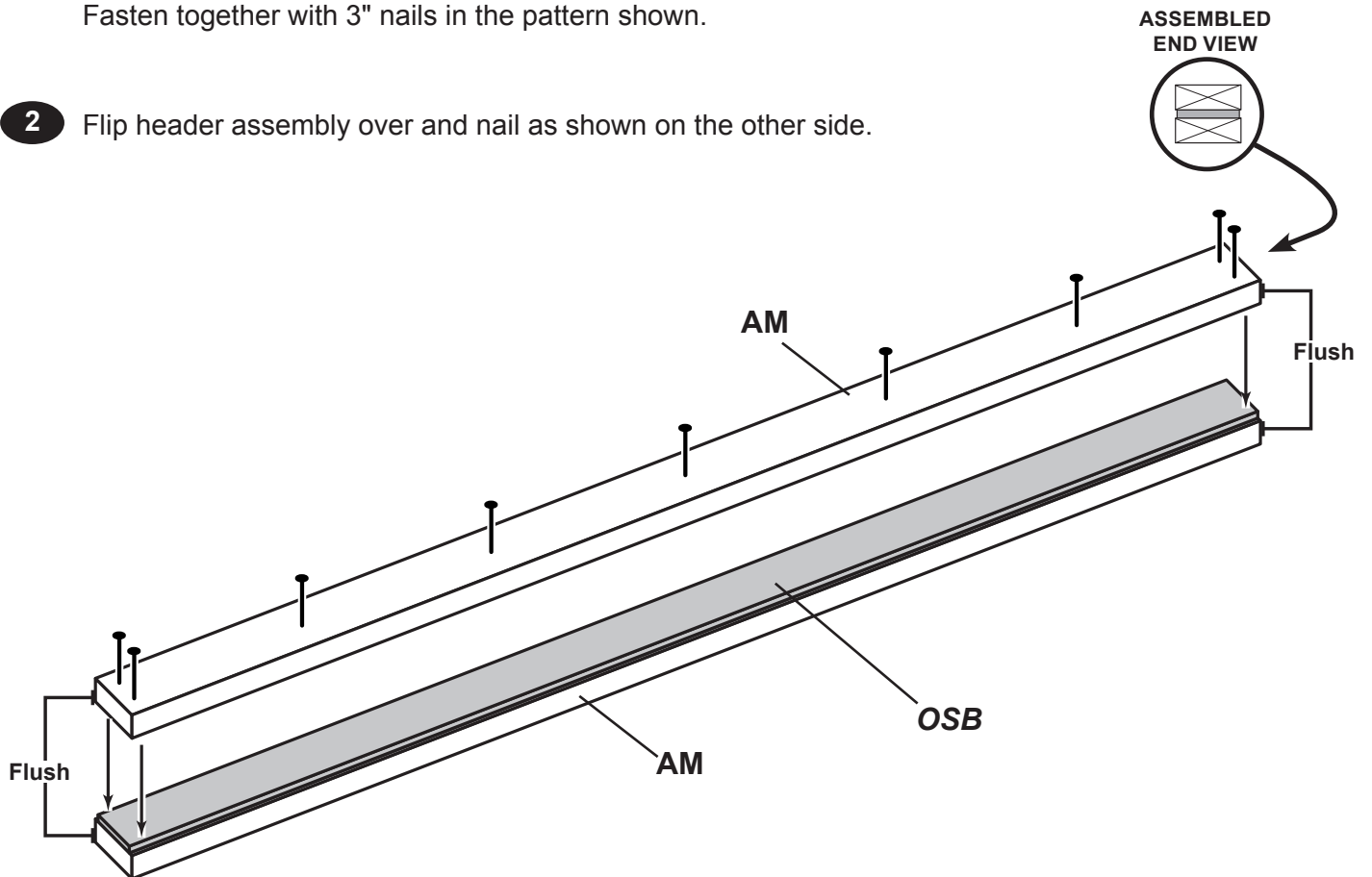
🏁**FINISH**
Your door header is now assembled.

WALL PANEL INSTALLATION HINTS & EXAMPLES

PARTS REQUIRED:

x40

2" (5,1 cm)

GAA
3/4" GAUGE BLOCK

2x4
TEMP. SPACER

x1

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

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

Install all wall panels with the primed side facing up.

✓**BEGIN**

1 Place (1) **48" x 84"** panel on the wall frame, as shown.
Locate the panel 1-1/2" above the top plate.
Use a 2x4 as a gauge block for the 1-1/2" top overhang measurement.
Use the **GAA** gauge block to mark the 3/4" side measurement on the wall stud.
Secure panel with (2) 2" nails in the corners **(Fig. A).**
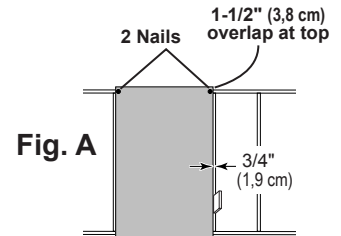
2 Move to the opposite end. Using the long edge of the panel as a lever,
move the panel side-to-side until you have a 3/4" measurement on the wall stud.
Secure corner with (2) 2" nails **(Fig. B)**.
Secure panel with 2" nails spaced 6" apart on edges and 12" apart inside panel.

2 Nails

1-1/2" (3,8 cm) overlap at top

Fig. A

3/4" (1,9 cm)

1-1/2" (3,8 cm) overlap at top

Fig. B

3/4" (1,9 cm)

2 Nails

⚠ **For squareness maintain 1-1/2" and 3/4" measurement along panel edges.**

2x4

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

3/4" (1,9 cm)

| BEGIN HERE

EXAMPLE WALL

6" (15,2 cm)

12" (30,5 cm)

3/4" Gauge Block

3/4" (1,9 cm)

HINT

Angle nail to draw panels tight at seams.
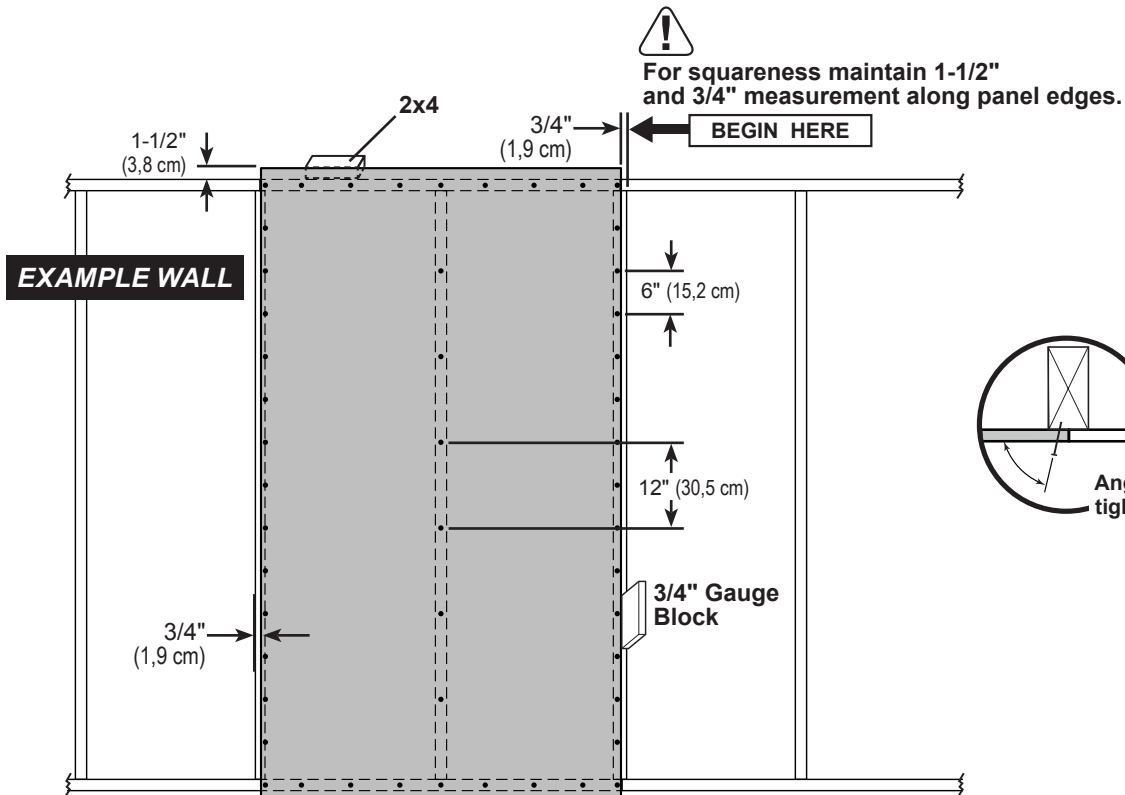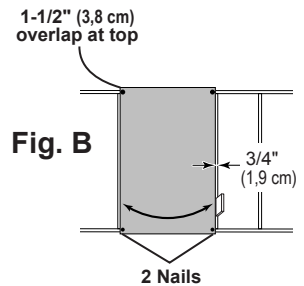
10' WALL - 01

PARTS REQUIRED: **x3** UY
2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)

x2 SL   2 x 4 x 36" (5,1 x 10,2 x 91,4 cm)

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

x2 AI   2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x2 TO   2 x 4 x 84" (5,1 x 10,2 x 213,4 cm)

Pre Assembled Header
x1
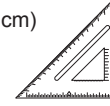
x60 3" (7,6 cm)

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** on flat side **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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

120"
(304,8 cm)

108"
(274,3 cm)

94-1/4"
(239,4 cm)

84"
(213,4 cm)

60"
(152,4 cm)

36"
(91,4 cm)

25-3/4"
(65,4 cm)

12"
(30,4 cm)

36"
(91,4 cm)

UY x3   **TO**   **SL**

Flush   **Flush**

3" (7,6 cm)
Screws

Pre-Assembled Header

Fig. A

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

**Install Header in
this position**

Seam

78-1/2"
(304,8 cm)

3" (7,6 cm)
Screws

AI x6   **YFA**   **Fig. B**   **YFA**

64"
(162,6 cm)

SL   **TO**

Flush   36"
(91,4 cm)   84"
(274,3 cm)   **Flush**

10' WALL 01

PARTS REQUIRED:

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

x1   **x1**

x2 3" (7,6 cm)

x158 2" (5,1 cm)

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

3 Install the left panel 1-1/2"
from the top plate.
Use a 2x4 spacer for
consistent measurement.
Secure panel with 2"
nails spaced 6" apart
on edges.

3/4" (1,9 cm)   BEGIN HERE   Flush   2x4   1-1/2" (3,8 cm)

3/4" Gauge Block   3/4" Gauge Block

6" (15,2 cm)

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 with (2) 3" screws.

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

Flush   Flush

⚠
64"
(162,6 cm)

OO   *Temporary Brace*

3" (7,6 cm) Screw   3" (7,6 cm) Screw   3/4" (1,9 cm)

2x4   Flush   Flush   2x4
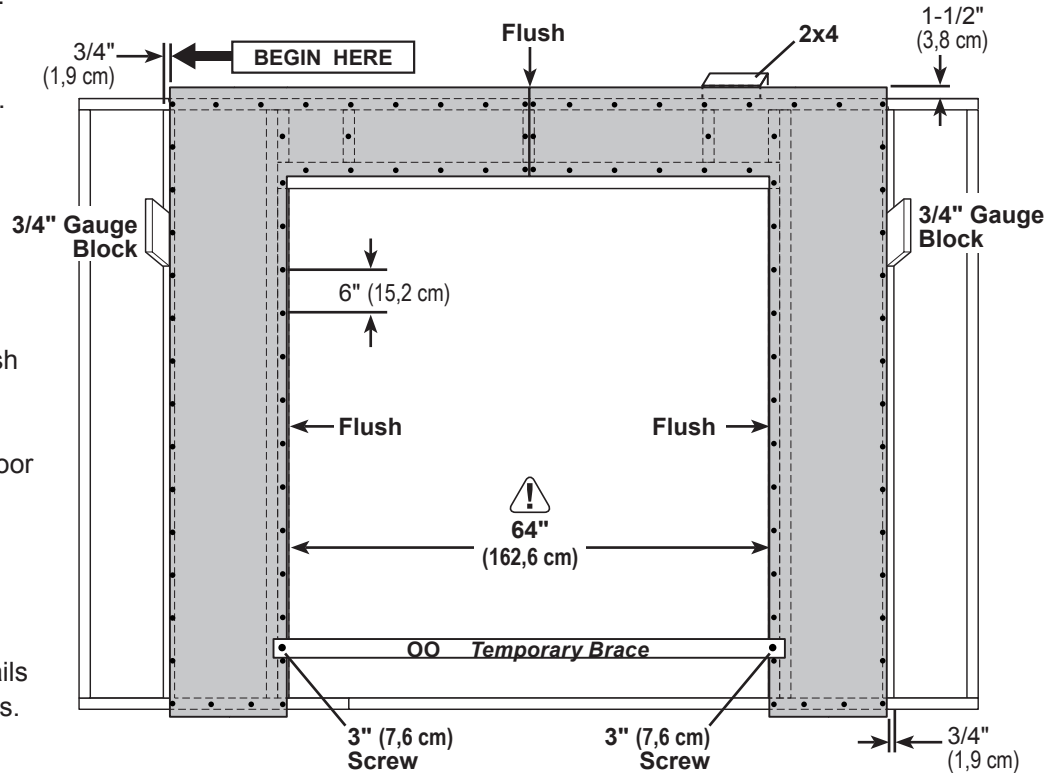
5 Install (2) **11-7/8" x 84"**
panels flush to installed
panels and 1-1/2" from
the top plate.

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

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

6" (15,2 cm)

Flush   Flush

🏁 **FINISH**
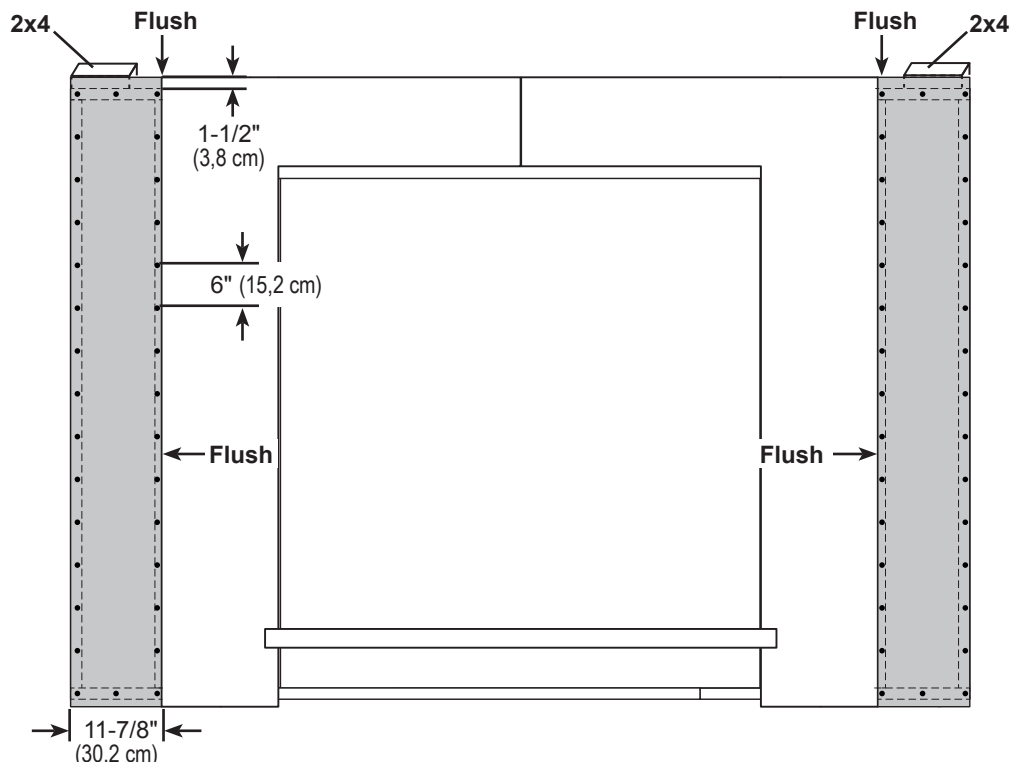
Your 10' WALL 01 is now
assembled.
Carefully flip the wall over.

11-7/8" (30,2 cm)
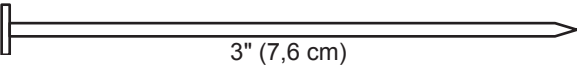
10' WALL 02

PARTS REQUIRED:

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

x28 3" (7,6 cm)

✓**BEGIN**

1 Arrange 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.

HINT:

120" (304,8 cm)

96" (243,8 cm)

72" (182,9 cm)

48" (121,9 cm)

24" (61 cm)

96" (243,8 cm)

Seam

Flush

RL

TP

Flush

3" (7,6 cm) Nails

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

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

AI x6

Seam

TP

RL

Seam

Flush

Flush

96" (243,8 cm)

24" (61 cm)

24" (61 cm)

96" (234,8 cm)

20

10' WALL 02

PARTS REQUIRED:

x1
23-7/8" x 84"
(60,6 x 213,4 cm)

x2
48 x 84"
(121,9 x 213,4 cm)

x136 2" (5,1 cm)
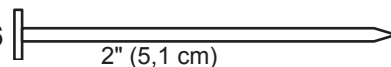
2

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

Use a 2x4 spacer for consistent measurement.

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

1-1/2" (3,8 cm)
2x4
3/4" (1,9 cm)
BEGIN HERE
6" (15,2 cm)
12" (30,5 cm)
3/4" Gauge Block

3
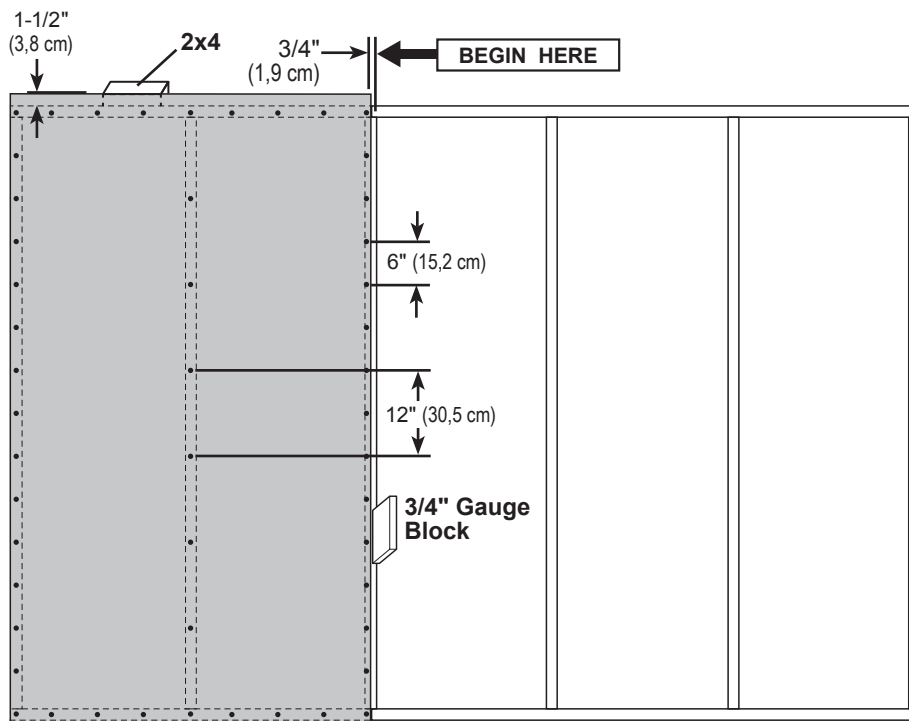
Install the **48" x 84"** and (2) **23-7/8" x 84"** panels flush to installed panels.

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

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

Flush
1-1/2" (3,8 cm)
Flush
2x4
6" (15,2 cm)
12" (30,5 cm)
Flush
Flush
23-7/8" (60,6 cm)

FINISH
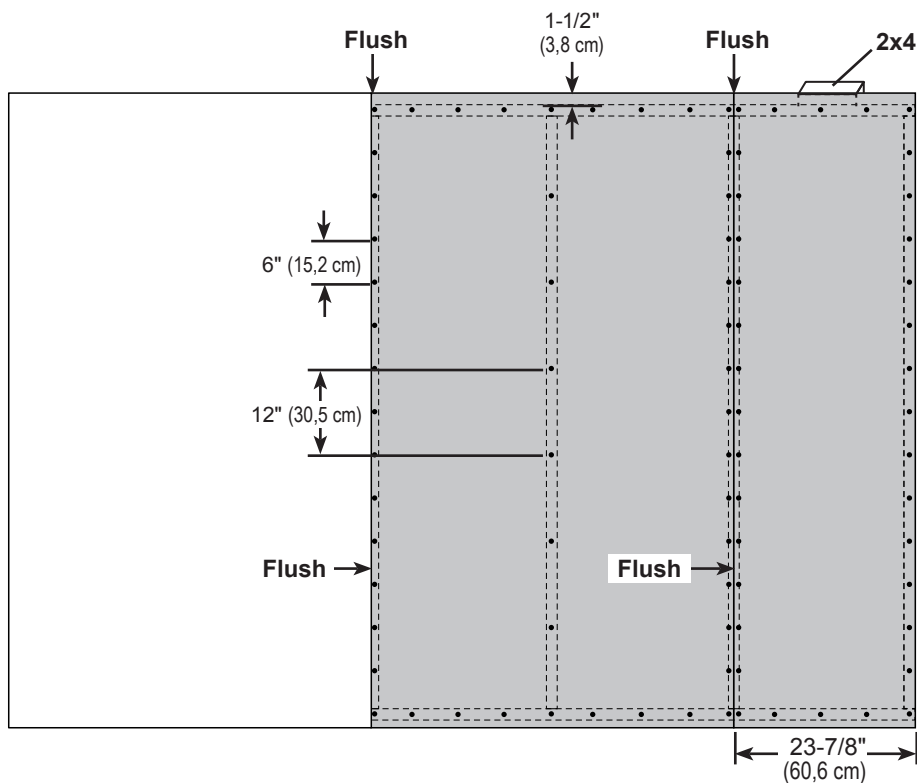
Your 10' WALL 02 is now assembled.
Carefully flip the wall over.
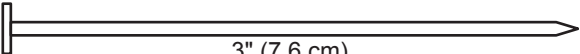
10' WALL 03

PARTS REQUIRED:

x2 SL
2 x 4 x 36" (5,1 x 10,2 x 91,4 cm)

x7 AI
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
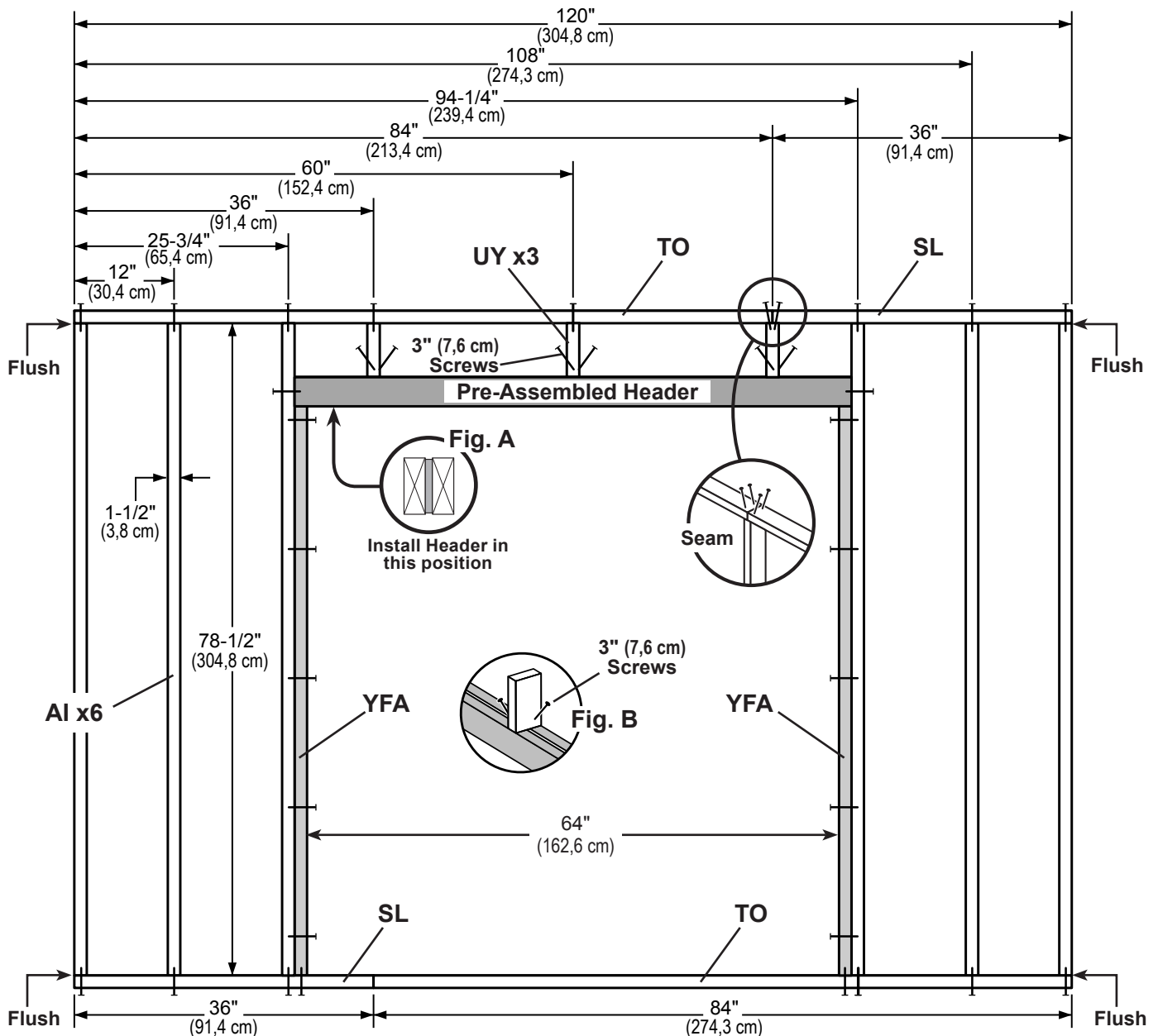
x2 TO
2 x 4 x 84" (5,1 x 10,2 x 213,4 cm)

x32 3" (7,6 cm)

✓**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.

HINT:

120"
(304,8 cm)

108"
(274,3 cm)

84"
(213,4 cm)

60"
(152,4 cm)

36"
(91,4 cm)

84"
(213,4 cm)

12"
(30,5 cm)

Flush

Flush

SL

TO

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

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

Seam

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

AI x7

TO

SL

Seam

Flush

84"
(213,4 cm)

36"
(91,4 cm)

Flush
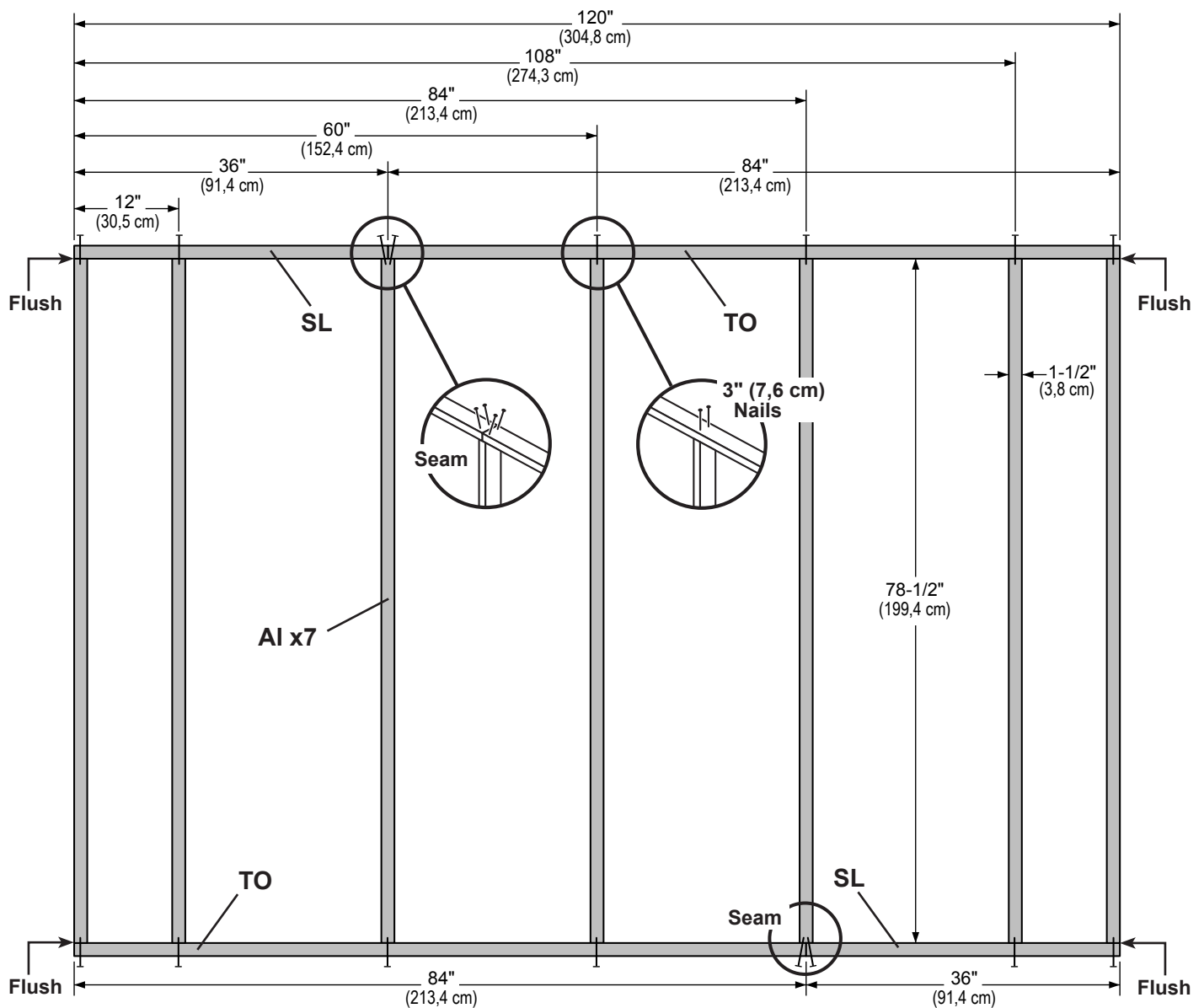
10' WALL 03

PARTS REQUIRED:

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

x2 48 x 84" (121,9 x 213,4 cm)

x164 2" (5,1 cm)

2

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

Use a 2x4 spacer for consistent measurement.

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

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

2x4

3/4" (1,9 cm)

BEGIN HERE

6" (15,2 cm)

12" (30,5 cm)

3/4" Gauge Block

3

Install the **48" x 84"** and (2) **11-7/8" 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.

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

Flush   **Flush**   **2x4**   **Flush**

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

Flush →   **Flush** →   **Flush** →

11-7/8" (30,2 cm)

11-7/8" (30,2 cm)

FINISH

Your 10' WALL 03 is now assembled.

Carefully flip the wall over.

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)

x1 | TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235,3 cm)

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

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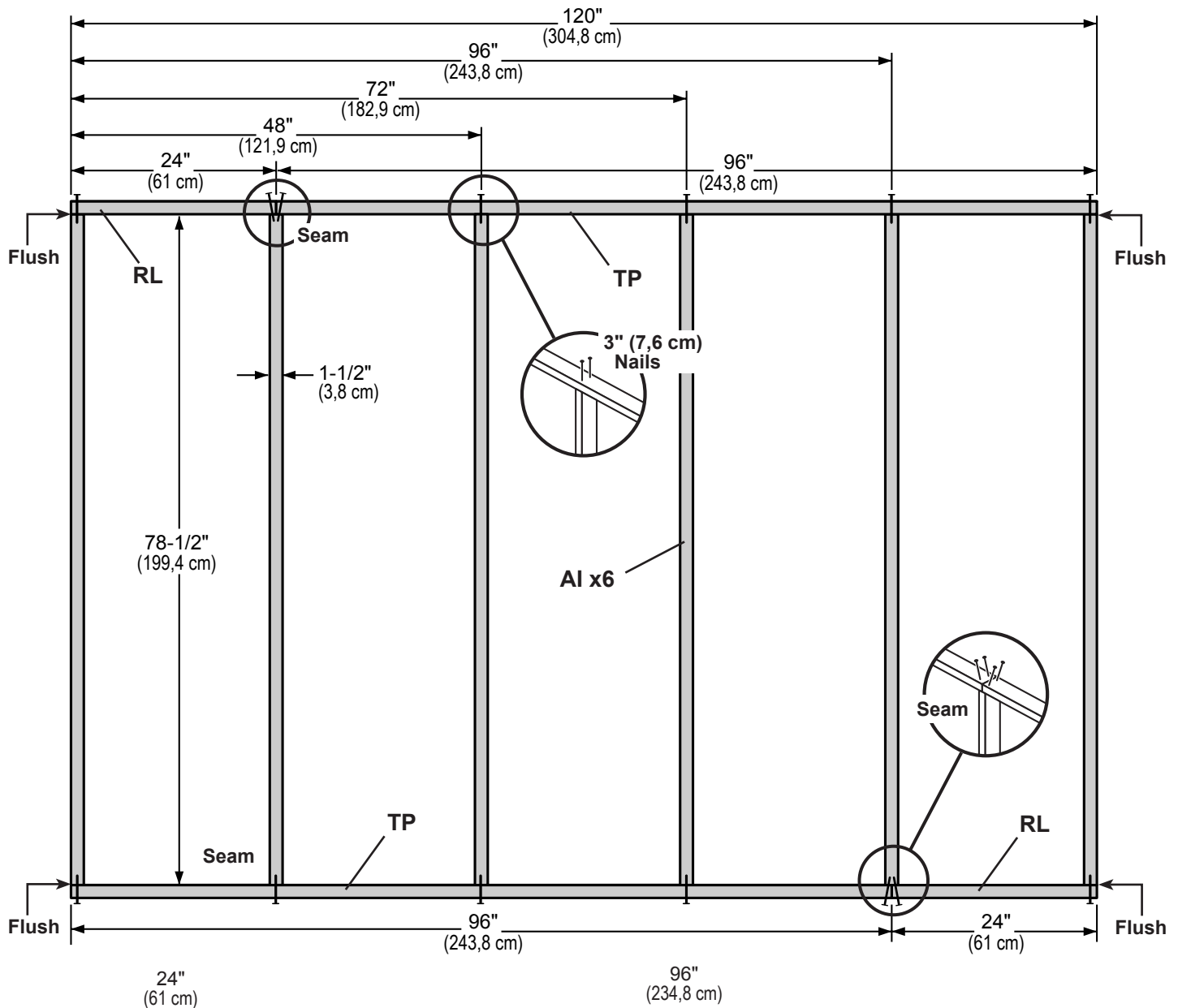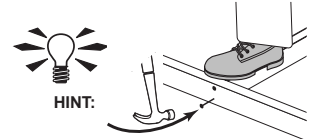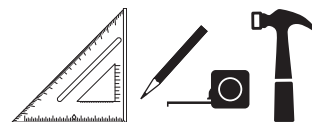
√ **BEGIN**

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

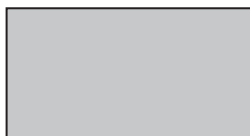Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

HINT:

137"
(348 cm)

116-1/2"
(295,9 cm)

92-1/2"
(235 cm)

68-1/2"
(174 cm)

44-1/2"
(113 cm)

20-1/2"
(52,1 cm)

68-1/2"
68 1/2"

YFA

3" (7,6 cm)
Nails

YFA

Seam

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

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

AI x5

TJ

HVC

Seam

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

44-3/8"
(112,7 cm)
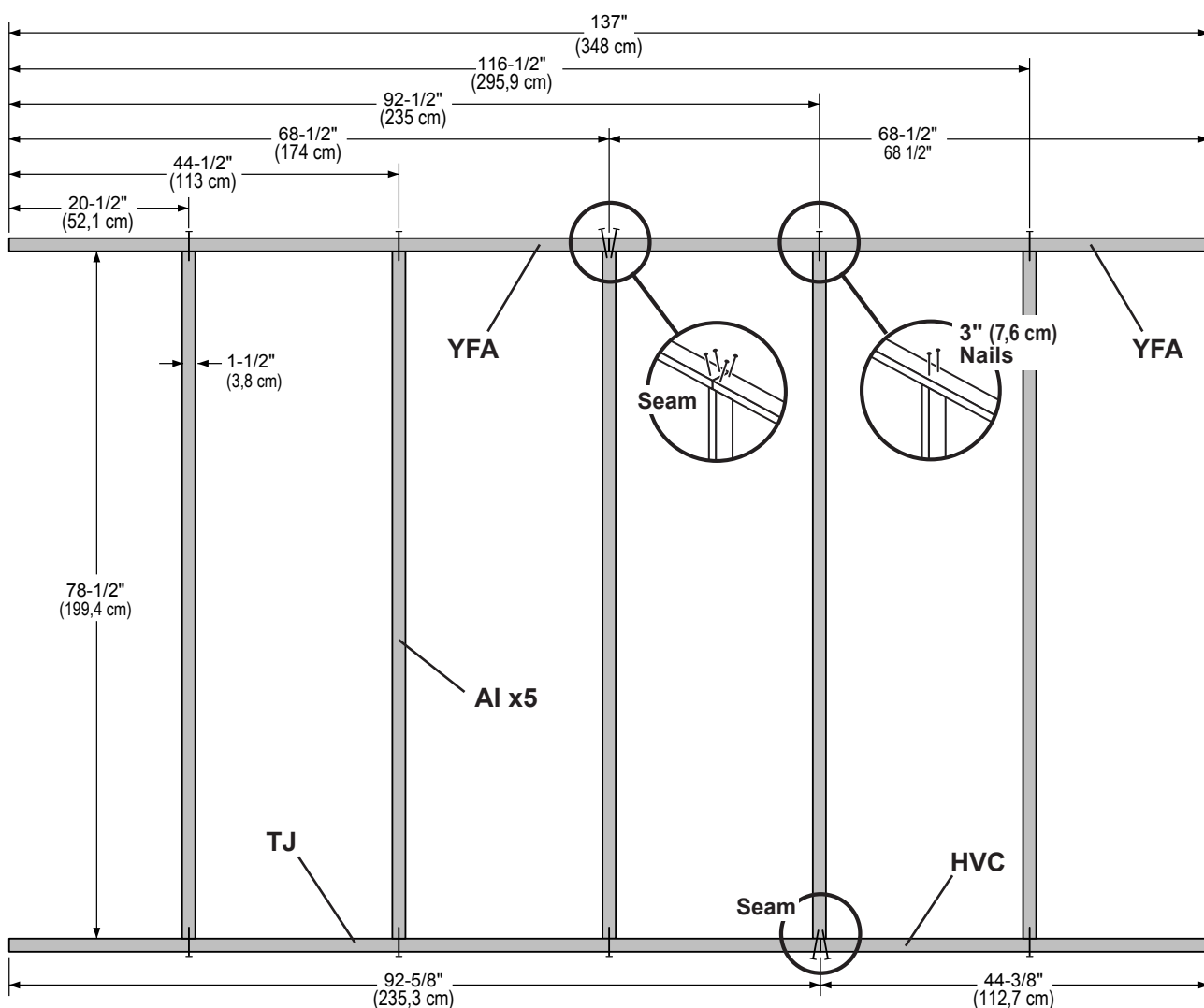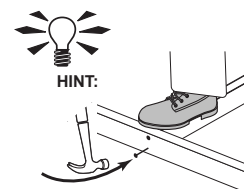
12' WALL 04

PARTS REQUIRED:

x3   48 x 84"
(121,9 x 213,4 cm)
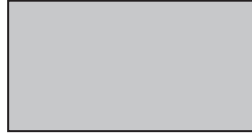
x120   2" (5,1 cm)
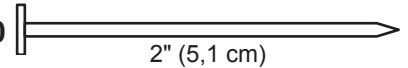
2

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

Use a 2x4 spacer for
consistent measurement.

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

3-1/2"
(8,9 cm)

2x4

3/4"
(1,9 cm)

BEGIN HERE

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

6" (15,2 cm)

12"
(30,5 cm)

3/4"
Gauge Block

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"
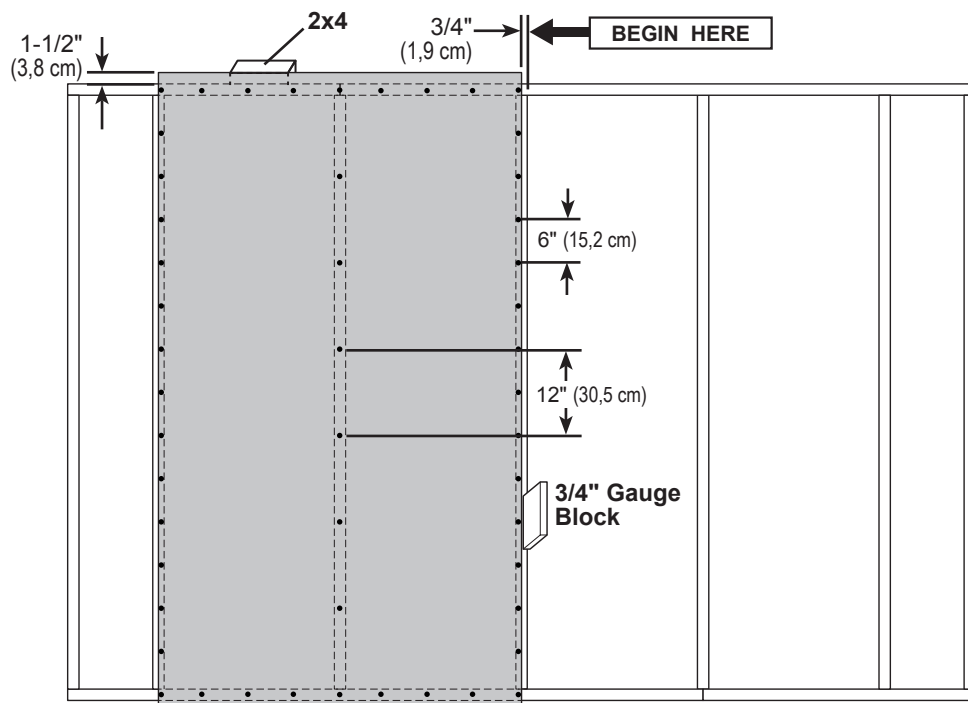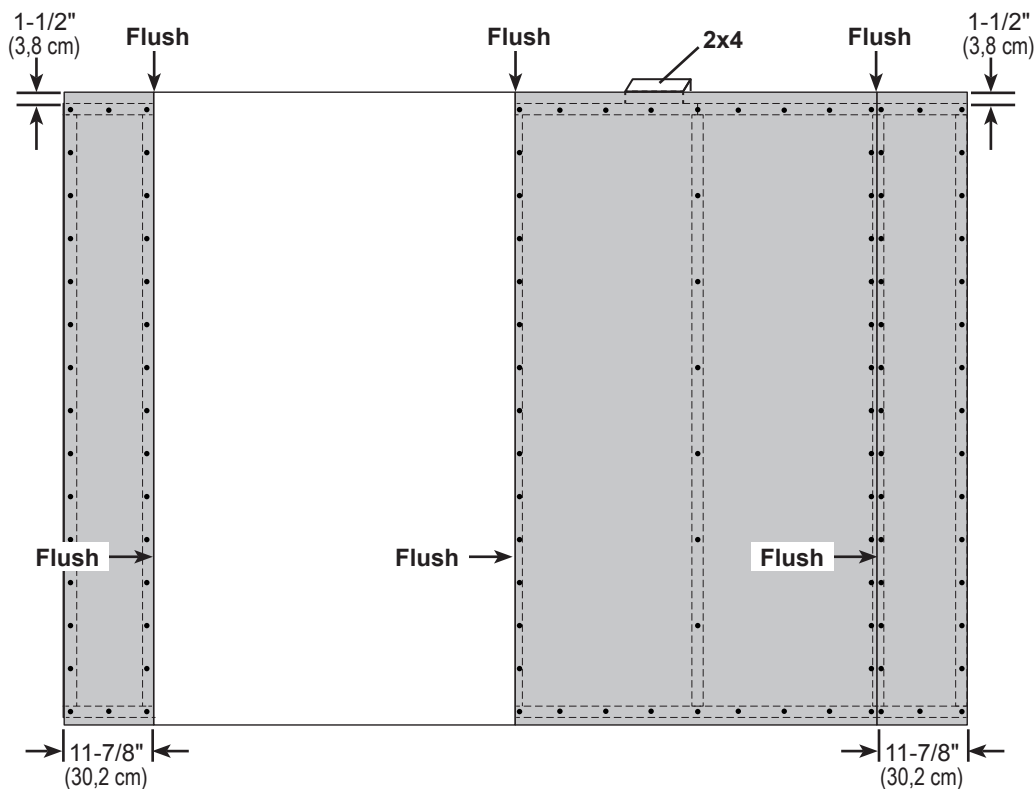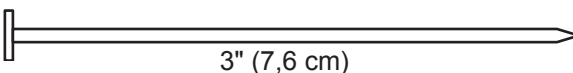apart inside panel.

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

Flush

Flush

2x4

3-1/2"
(8,9 cm)

6" (15,2 cm)

Flush

Flush

12"
(30,5 cm)

FINISH
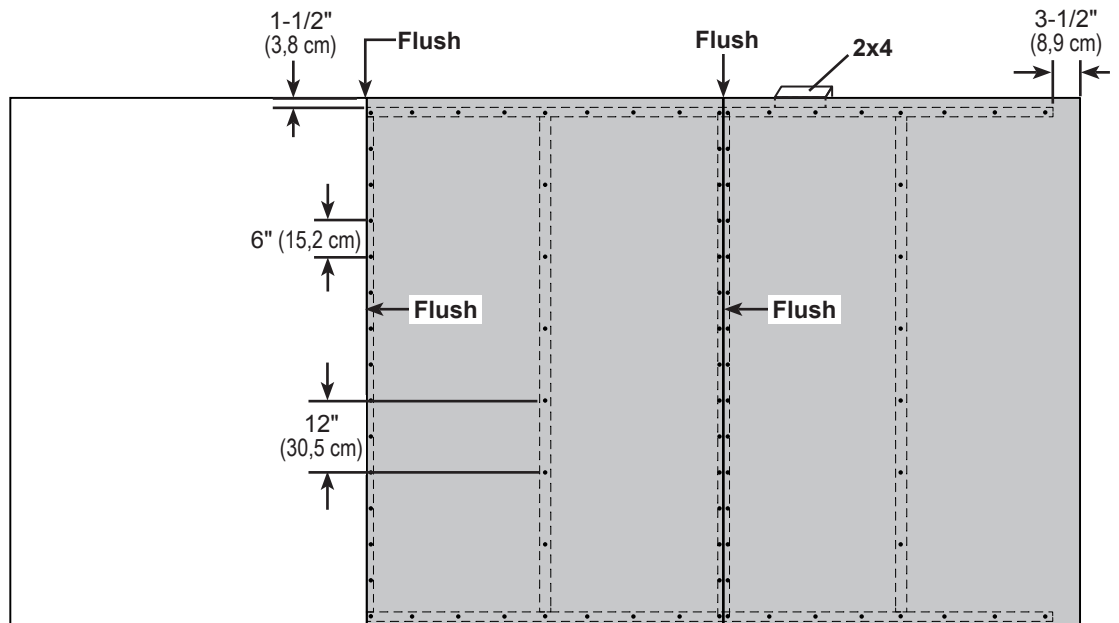
Your 12' WALL 04 is now assembled.

Carefully flip the wall over.

If a workbench is being installed, see next page for alternate framing.

PARTS REQUIRED:

x3 | UY | 2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)

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

x5 | 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 235,3 cm)

Pre Assembled Header
x1

x4 | YFA | 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

x58 3" (7,6 cm)

x6 3" (7,6 cm)

✓**BEGIN**

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

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

137"
(348 cm)

126-3/4"
(321,9 cm)

116-1/2"
(295,9 cm)

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

68-1/2"
(174 cm)

68-1/2"
(174 cm)

58-1/4"
(148 cm)

44-1/2"
(113 cm)

39-7/8"
(101,3 cm)

15-7/8"
(40,3 cm)

10-1/4"
(26 cm)

YFA　　**YFA**　　**UY x3**

Seam

HVC

Pre-Assembled Header

3" (7,6 cm)
Screws

Fig. A

Seam

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

Install Header in this position

3" (7,6 cm)
Screws

AI x5

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

Fig. B

YFA　　**YFA**

64"
(162,6 cm)

HVC　　**TJ**

Seam

44-3/8
(112,7 cm)

92-5/8"
(253,3 cm)

If a workbench is being installed, use this page for alternate framing.

PARTS REQUIRED:

x3 UY — 2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)

x2 HVC — 2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 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 235,3 cm)

x1 Pre Assembled Header

x54 — 3" (7,6 cm)

x6 — 3" (7,6 cm)

x4 YFA — 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

✓**BEGIN**

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

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

137" (348 cm)
126-3/4" (321,9 cm)
116-1/2" (295,9 cm)
92-5/8" (235,3 cm)
68-1/2" (174 cm)
58-1/4" (148 cm)
44-1/2" (113 cm)
20-1/2" (52,1 cm)
68-1/2" (174 cm)
10-1/4" (26 cm)

YFA   YFA   UY x3   Seam

HVC

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

AI x4   78-1/2" (199,4 cm)

Pre-Assembled Header

Fig. A   3" (7,6 cm) Screws

Install Header in this position

3" (7,6 cm) Screws

Seam   **Fig. B**

YFA   YFA

64" (162,6 cm)

HVC   TJ

44-3/8 (112,7 cm)   Seam   92-5/8" (253,3 cm)

12' WALL 05

PARTS REQUIRED:
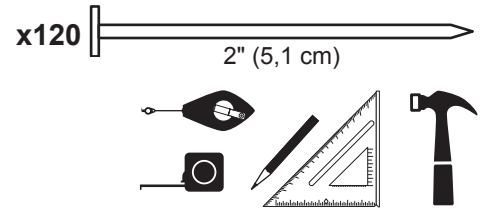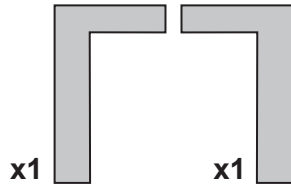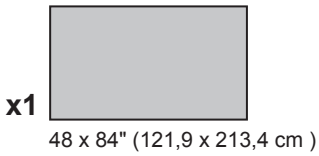
x1
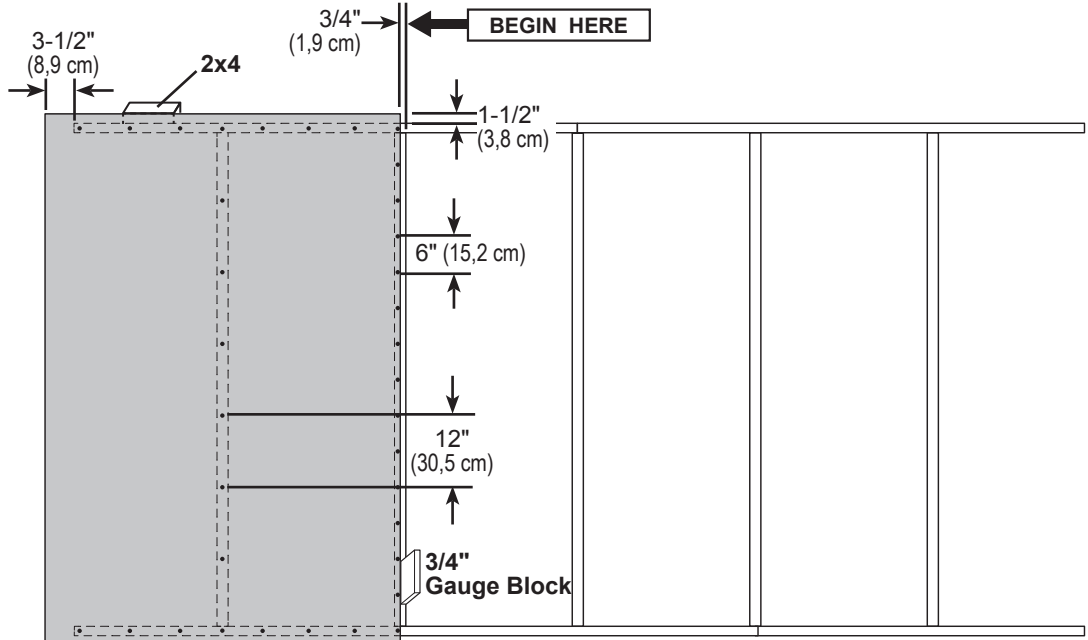48 x 84" (121,9 x 213,4 cm)

x1   x1

x120
2" (5,1 cm)

3

Install the left panel 1-1/2"
from the top plate.
Use a 2x4 spacer for
consistent measurement.

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

4

Install the right panel
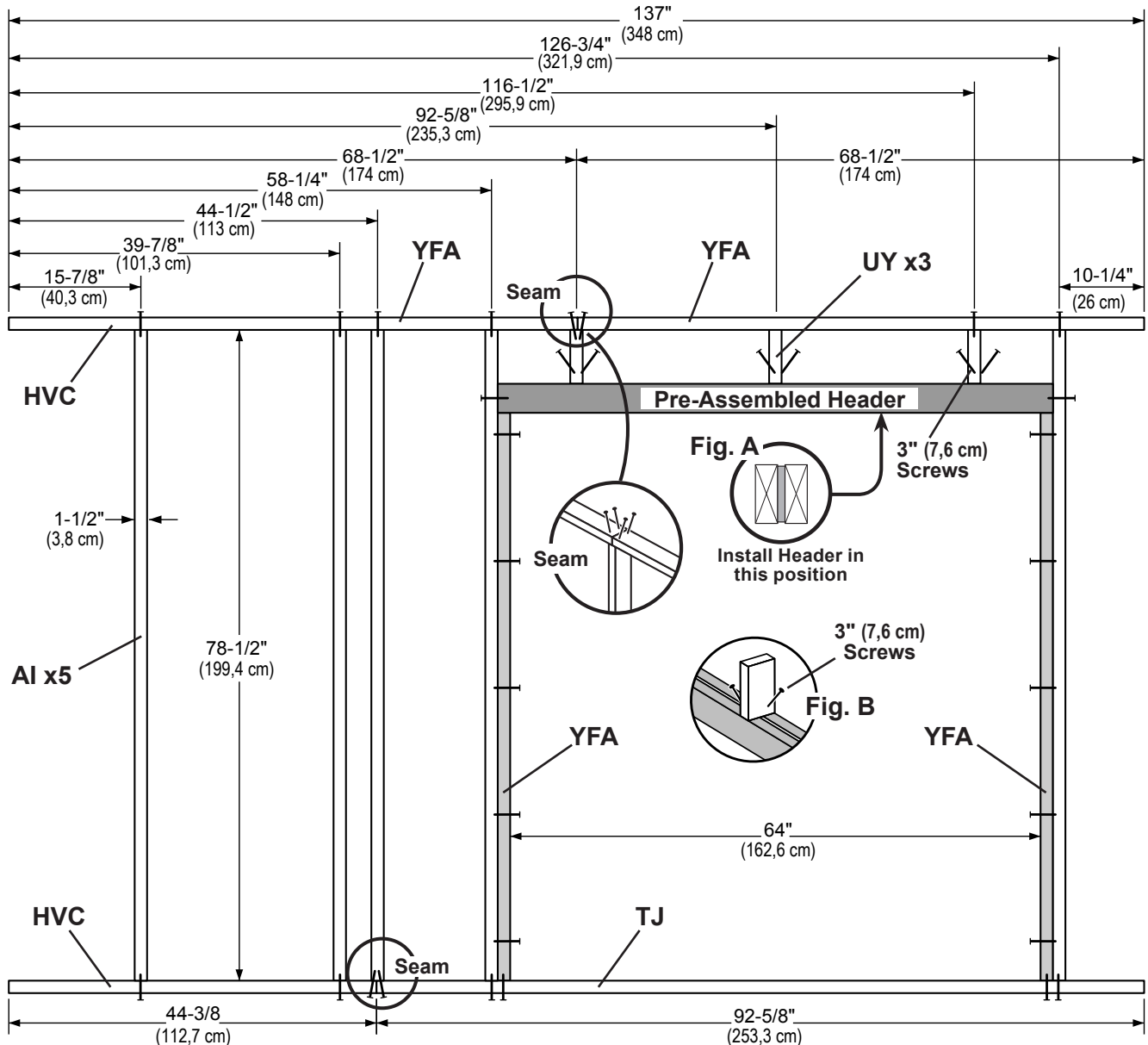flush to installed panel,
as shown.
Ensure 64" (162,8 cm)
door measurement.

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

3/4"
(1,9 cm)

BEGIN HERE

Flush

2x4

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

3-1/2"
(8,9 cm)

6" (15,2 cm)

3/4" Gauge
Block

Flush

Flush

⚠️

64"
(162,6 cm)

5

Install a **8" x 84"** panel
flush to installed panel
and 1-1/2" from the
top plate.

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

2x4

Flush

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

6" (15,2 cm)

12"
(30,5 cm)

Flush

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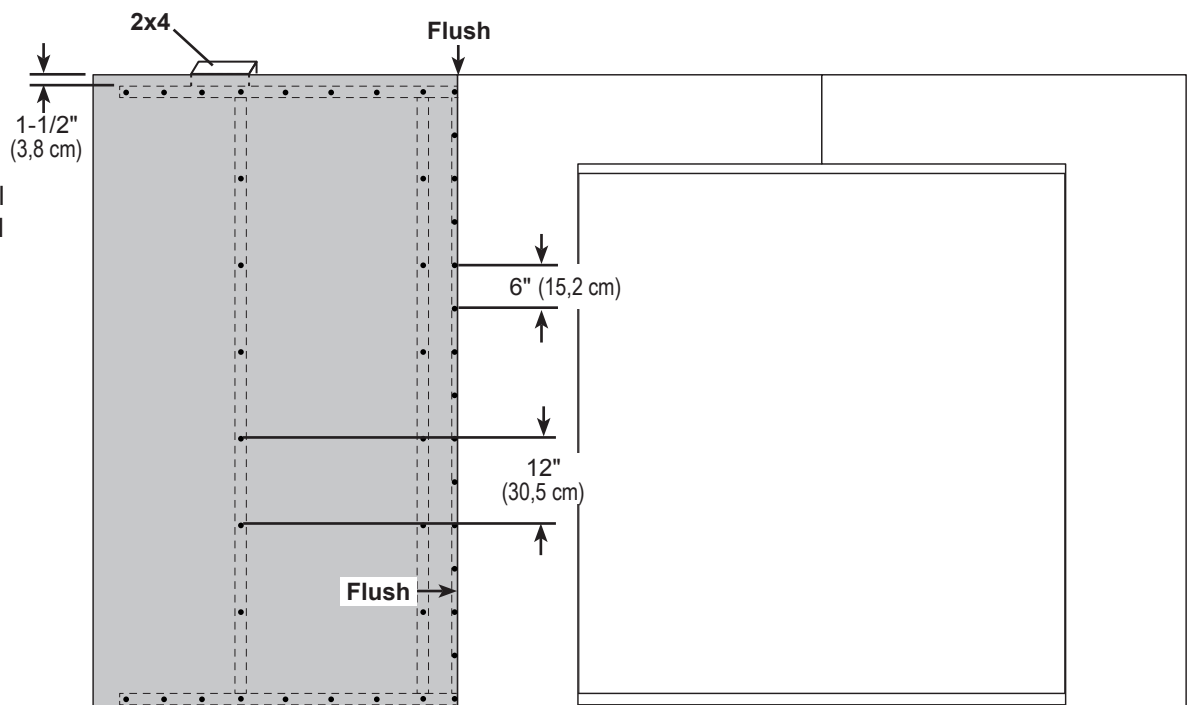
Your 12' WALL 05 is now assembled.
Carefully flip the wall over.

28

16' WALL 06

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)

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 235,3 cm)

x36   3" (7,6 cm)

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

HINT:

185"
(469,9 cm)

164-1/2"
(417,8 cm)

140-1/2"
(356,9 cm)

116-1/2"
(295,9 cm)

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

68-1/2"
68-1/2"

48"
(121,9 cm)

68-1/2"
68-1/2"

44-3/8"
(112,7 cm)

20-1/2"
20-1/2"

Seam

YFA

SP

YFA

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

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

Seam

AI x7

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

TJ

SP

HVC

Seam

Seam

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

48"
(121,9 cm)

44-3/8"
(112,7 cm)

29
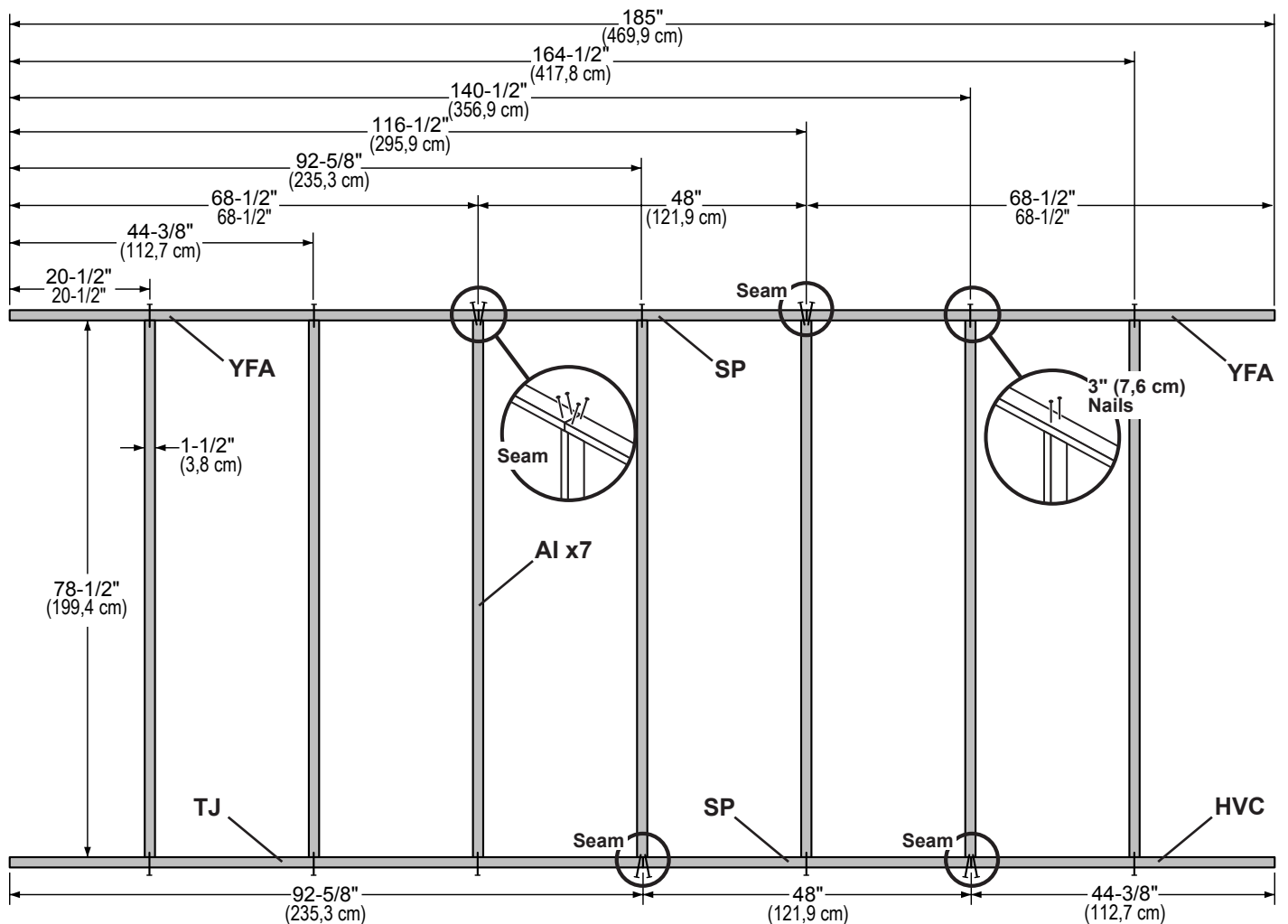
16' WALL 06

PARTS REQUIRED:

x4
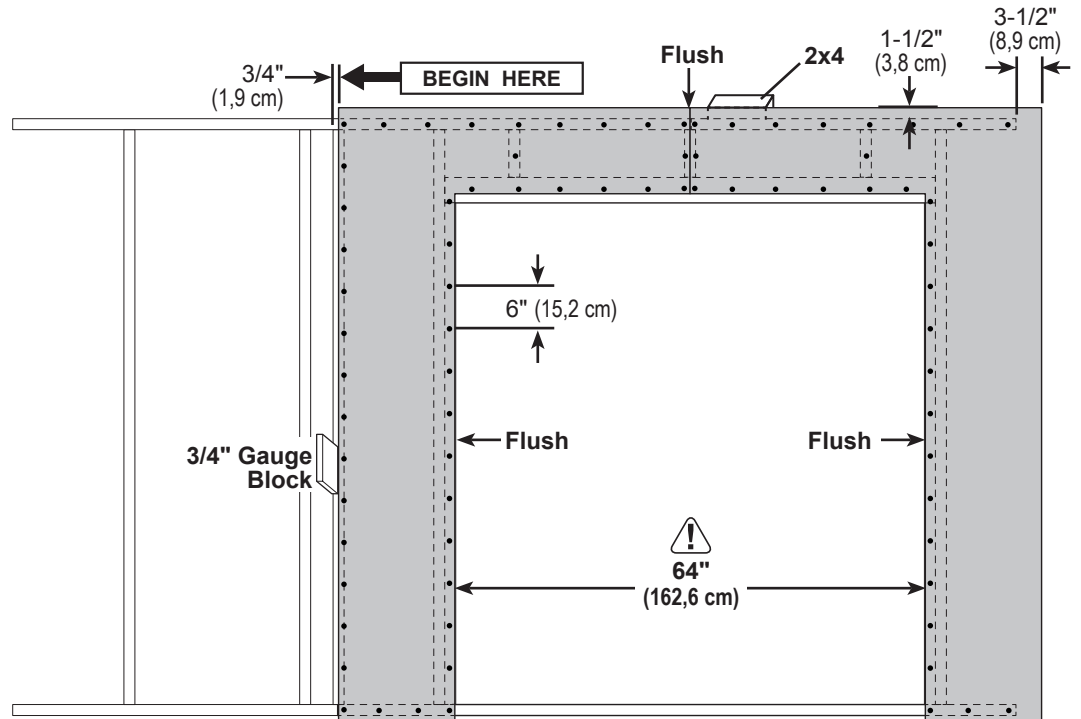48 x 84" (121,9 x 213,4 cm)

x170
2" (5,1 cm)

2

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

Use a 2x4 spacer
for consistent
measurement.

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

2x4

3/4"
(1,9 cm)

BEGIN HERE

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

6" (15,2 cm)

12"
(30,5 cm)

3/4" Gauge
Block

3/4" Gauge
Block

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.

3-1/2"
(8,9 cm)

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

Flush

Flush

2x4

Flush

6" (15,2 cm)

Flush

12"
(30,5 cm)

FINISH
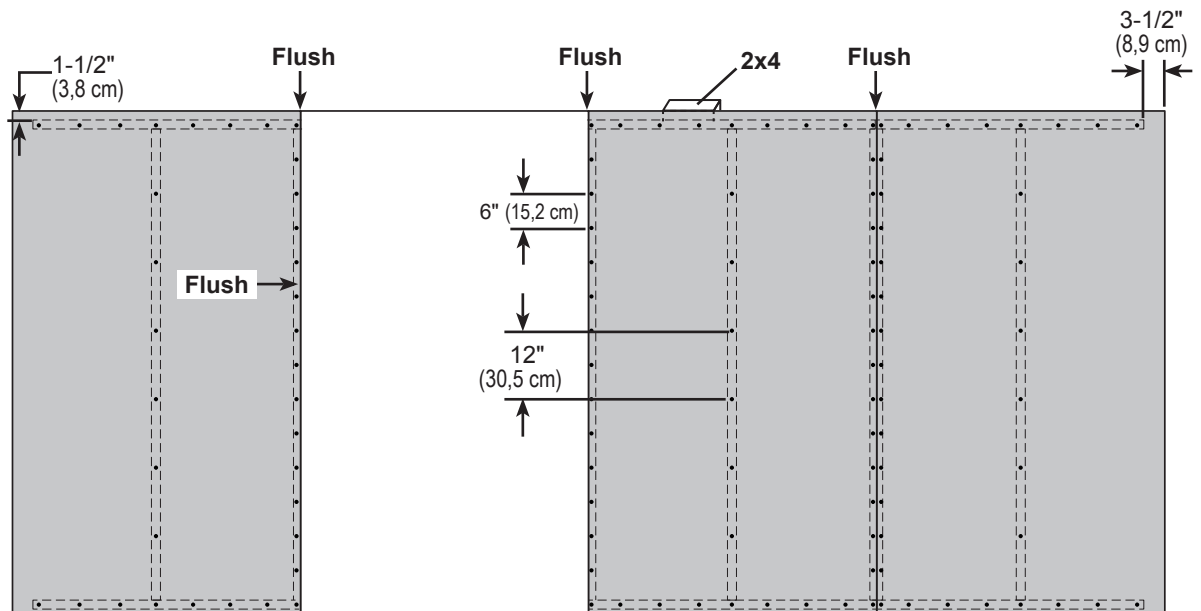
Your 16' WALL 06 is now assembled.

Carefully flip the wall over.

16' WALL 07

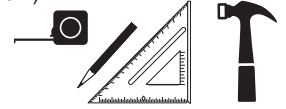## PARTS REQUIRED:

x3 UY
2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 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)

x4 YFA
2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

x1 Pre Assembled Header

x66 3" (7,6 cm)

x6 3" (7,6 cm)

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)
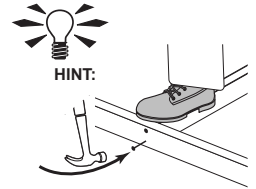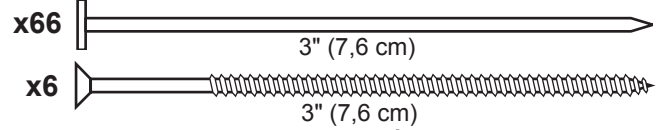
x1 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235,3 cm)

✓**BEGIN**

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

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

16' WALL 07

PARTS REQUIRED:

x2 48 x 84" (121,9 x 213,4 cm)

x1　**x1**

x2 3" (7,6 cm)

x164 2" (5,1 cm)

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

3
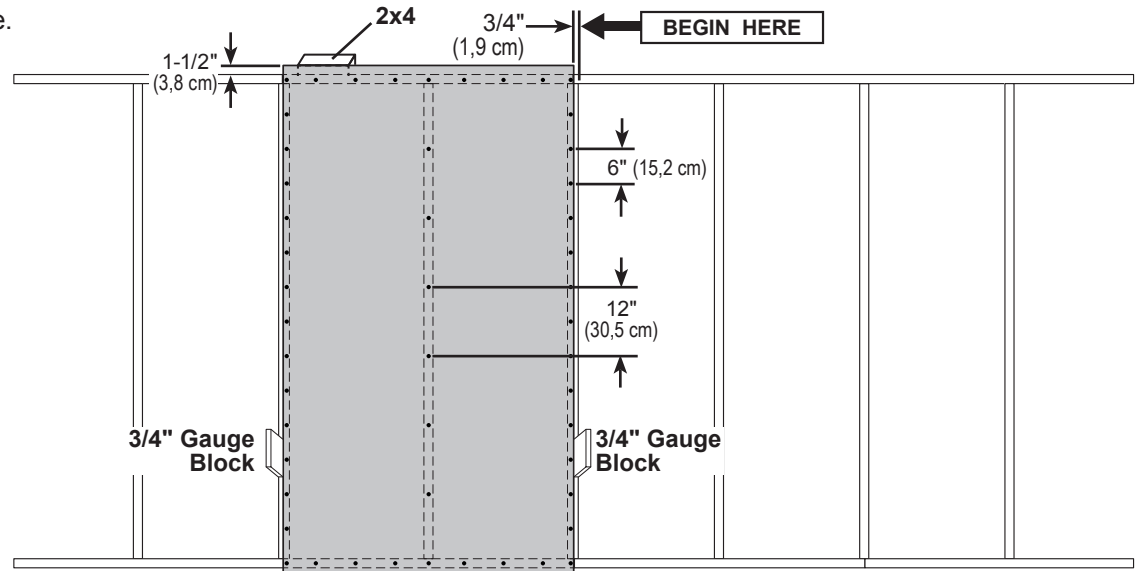
Install the left panel
1-1/2" from the top plate.
Use a 2x4 spacer
for consistent
measurement.

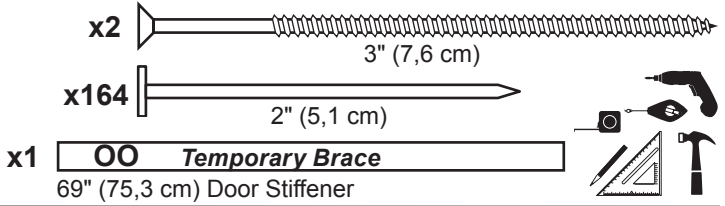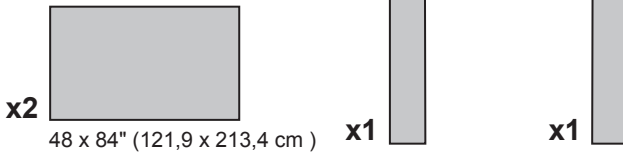Secure panel with 2"
nails spaced 6" apart
on edges.

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 with (2)
3" screws.

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

3/4"
(1,9 cm)

BEGIN HERE

Flush

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

2x4

3-1/2"
(8,9 cm)

6" (15,2 cm)

Flush　　**Flush**

3/4" Gauge Block

64"
(162,6 cm)

OO *Temporary Brace*

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

5

Install (2) **48" 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.

2x4　**Flush**

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

Flush

6" (15,2 cm)

12"
(30,5 cm)

Flush　　**Flush**

3-1/2"
(8,9 cm)

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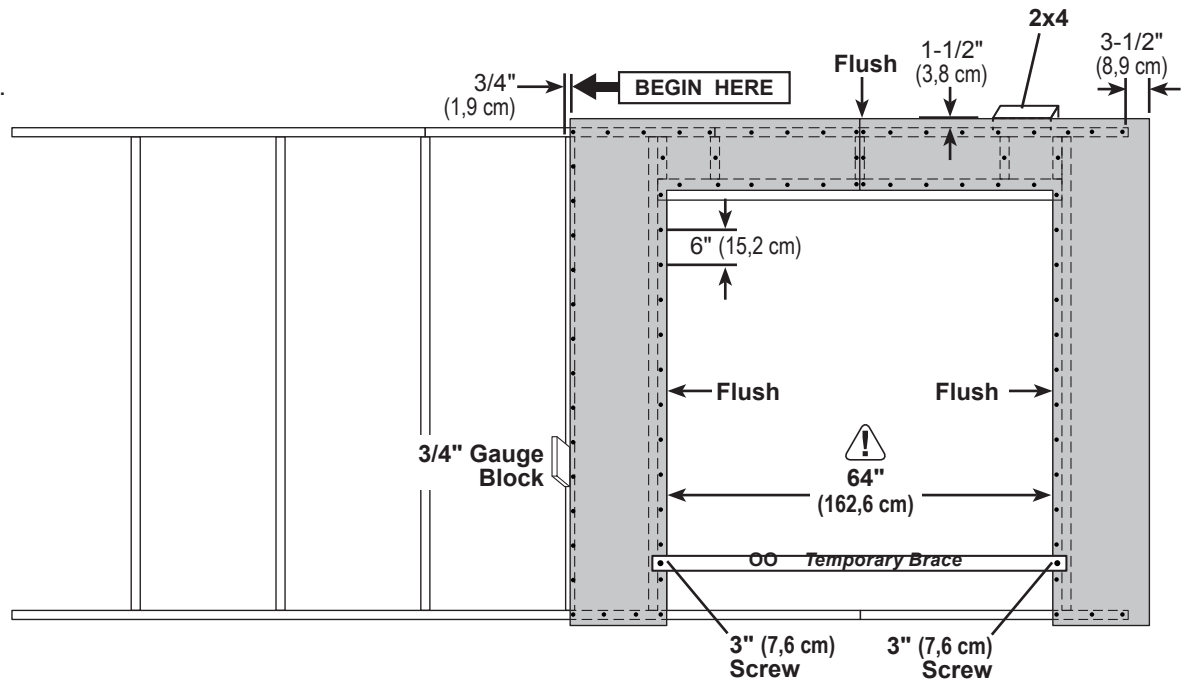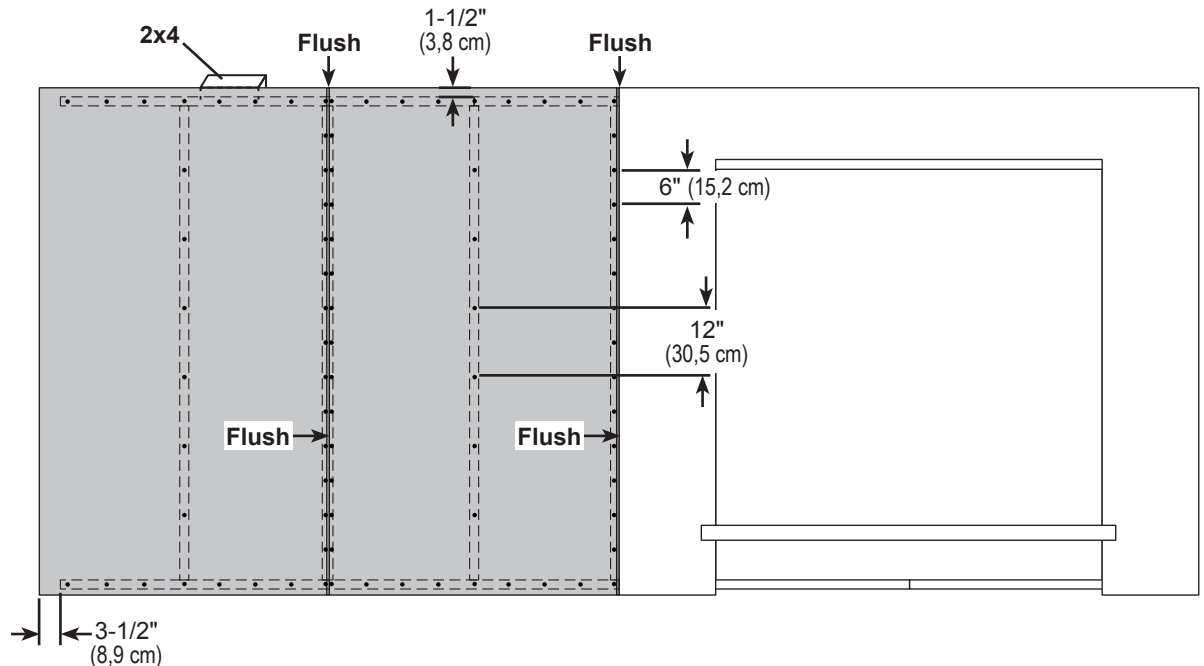
Your 16' WALL 07 is now assembled.
Carefully flip the wall over.

32

**The following steps show how to stand and secure your walls
for a 10' x 12' shed.**

These instructions are by default with the door on the 10' gable wall.

For 10' x 16' steps, start on page 38.
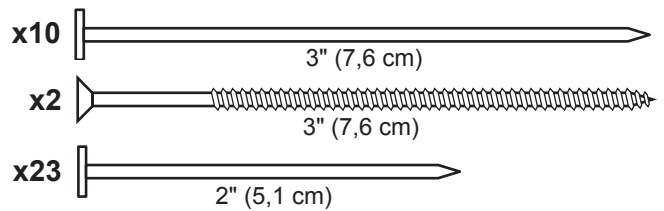
STANDARD:
DOOR LOCATED
ON 10' GABLE WALL

OPTIONAL:
DOOR LOCATED
ON 12' EAVE WALL

10' WALL 02 INSTALLATION

PARTS REQUIRED:

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

x10 ——— 3" (7,6 cm)

x2 ——— 3" (7,6 cm)

x23 ——— 2" (5,1 cm)

✓ BEGIN

1 Center 10' wall on the 120" (304,8 cm) floor dimension.
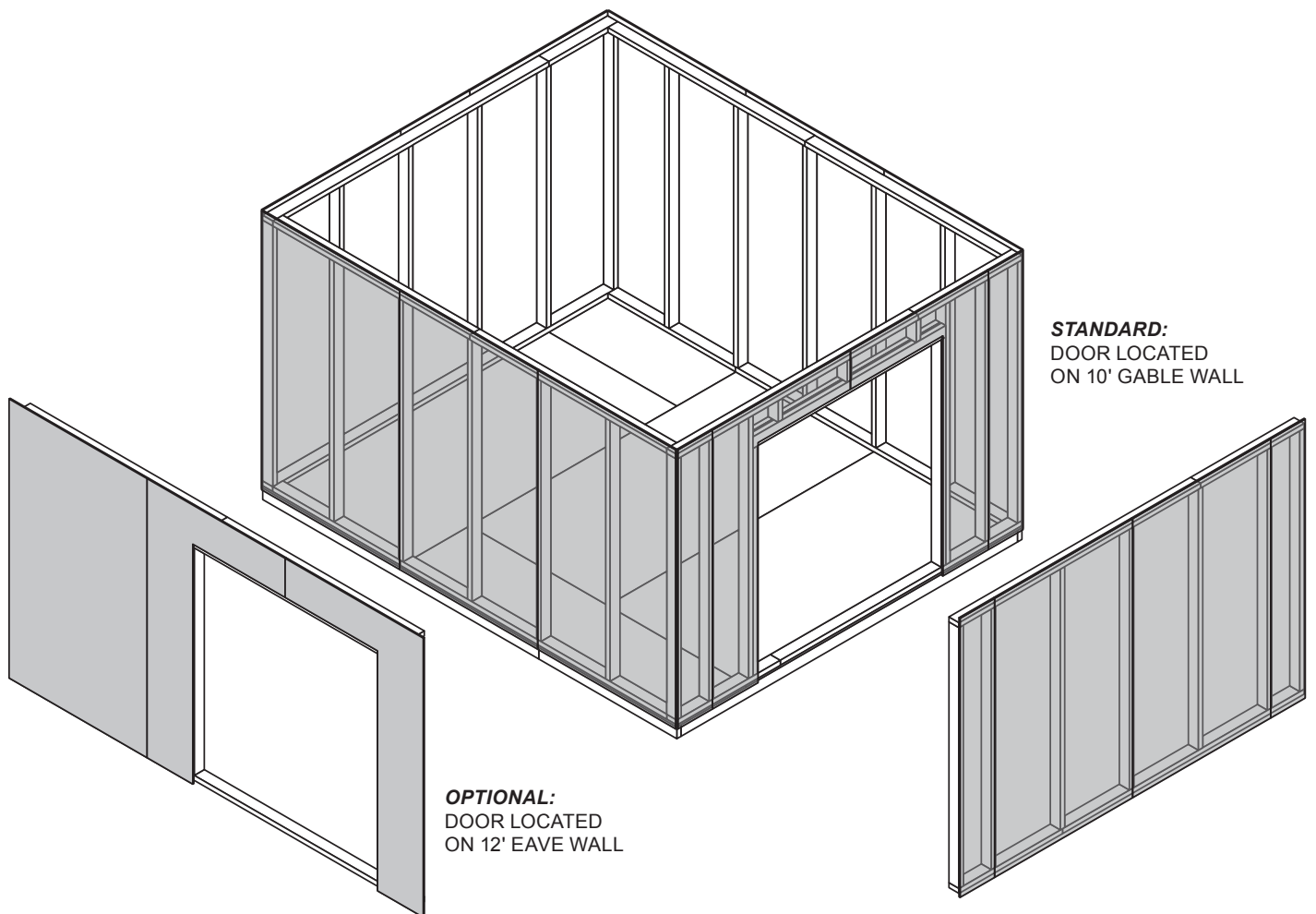1-1/2" (3,8 cm) overlap is to the top.

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

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

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

OO

Flush

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)**.

DOOR

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

6"
(15,2 cm)

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

⚠ **Nail 2" nails first.**

**2" (5,1 cm)
Nails**

Fig. A

✦ FINISH
Your 10' wall is now standing.

34
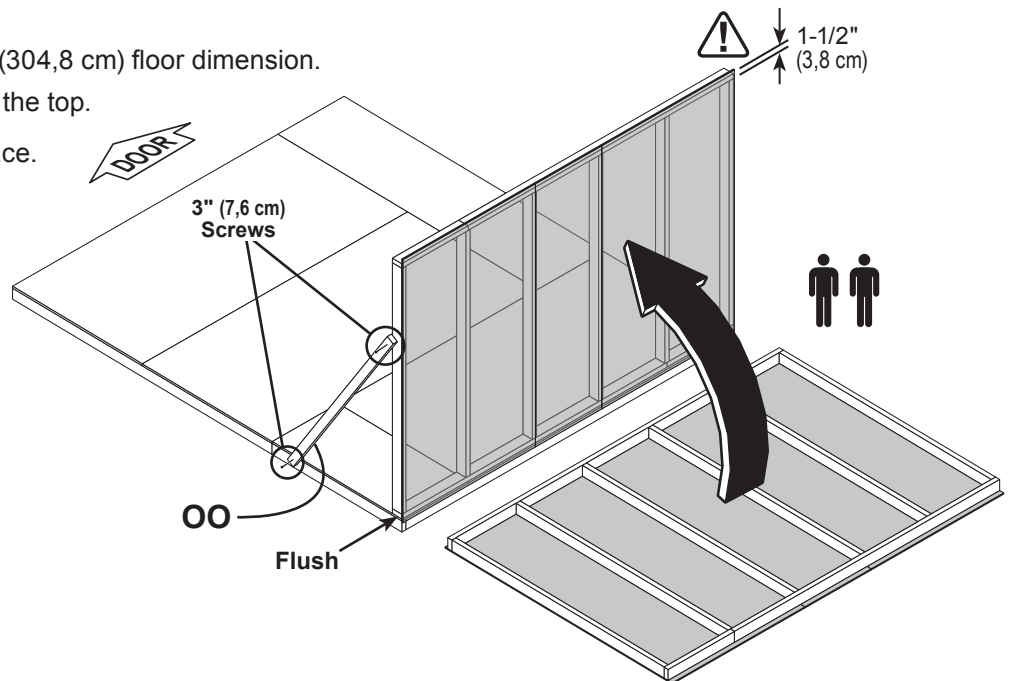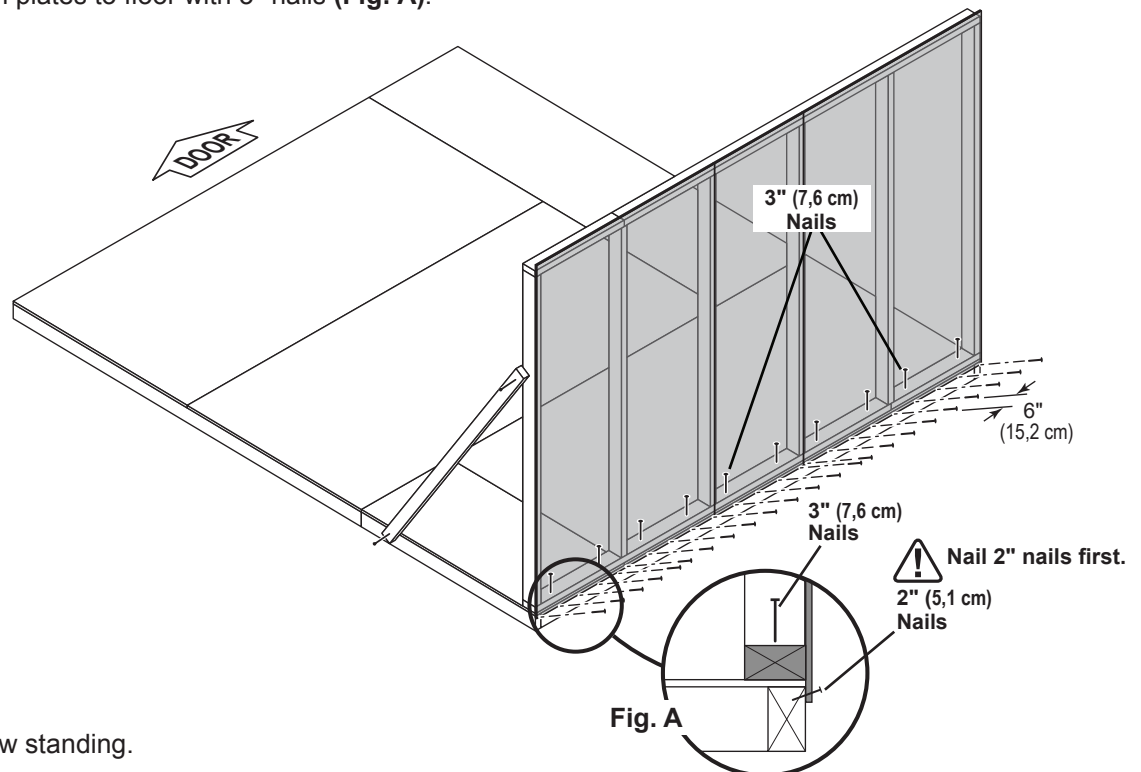
12' WALL 04 or 05 INSTALLATION

PARTS REQUIRED

x1 — 3" (7,6 cm)

x2 — 2" (5,1 cm)

x27 — 2" (5,1 cm)

x13 — 1-1/2" (3,8 cm)

x12 — 3" (7,6 cm)

✓ **BEGIN**

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

Secure wall with (1) 2" screw into 10' wall bottom plate **(Fig. A)** and top plate **(Fig. B)**.

Secure wall to bottom plate first.
⚠ **ENSURE PANEL CORNERS ARE FLUSH.**
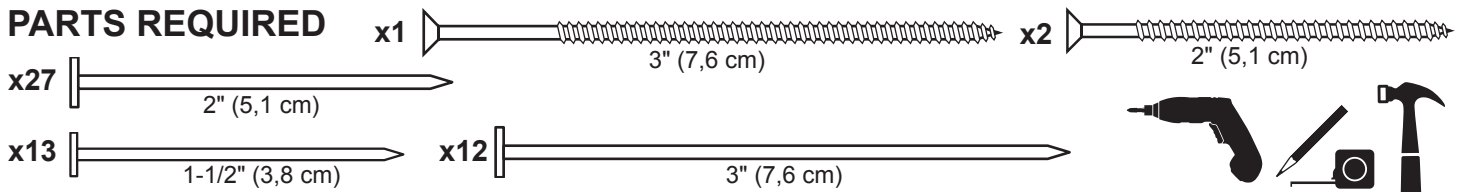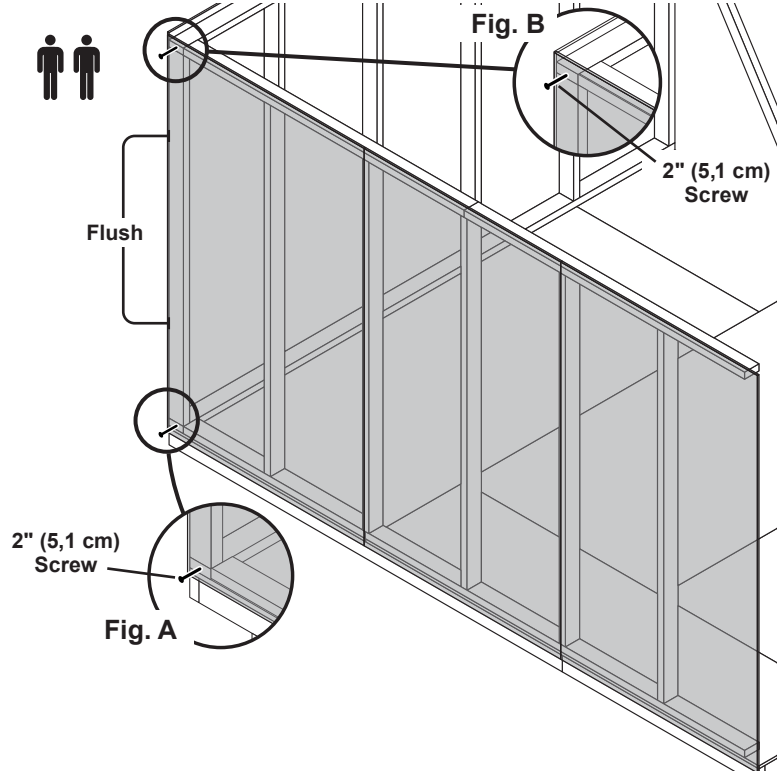
OPTIONAL:
DOOR LOCATED
ON 12' EAVE WALL

Fig. B

2" (5,1 cm)
Screw

Flush

2" (5,1 cm)
Screw

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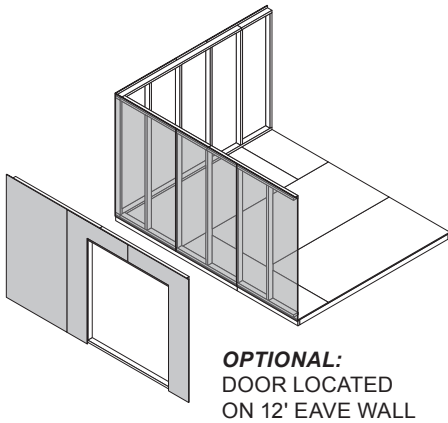
2 Nail lower edge of panels to floor with 2" nails spaced 6" apart.
Angle nails into floor frame **(Fig. C)**.

Nail panel to 10' 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)**.

3" (7,6 cm)
Screw

Fig. D

6" (15,2 cm)

3" (7,6 cm)
Nails

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

3" (7,6 cm)
Nails

⚠ Nail 2" nails first.

2" (5,1 cm)
Nails

6"
(15,2 cm)

2" (5,1 cm)
Nails

Fig. C
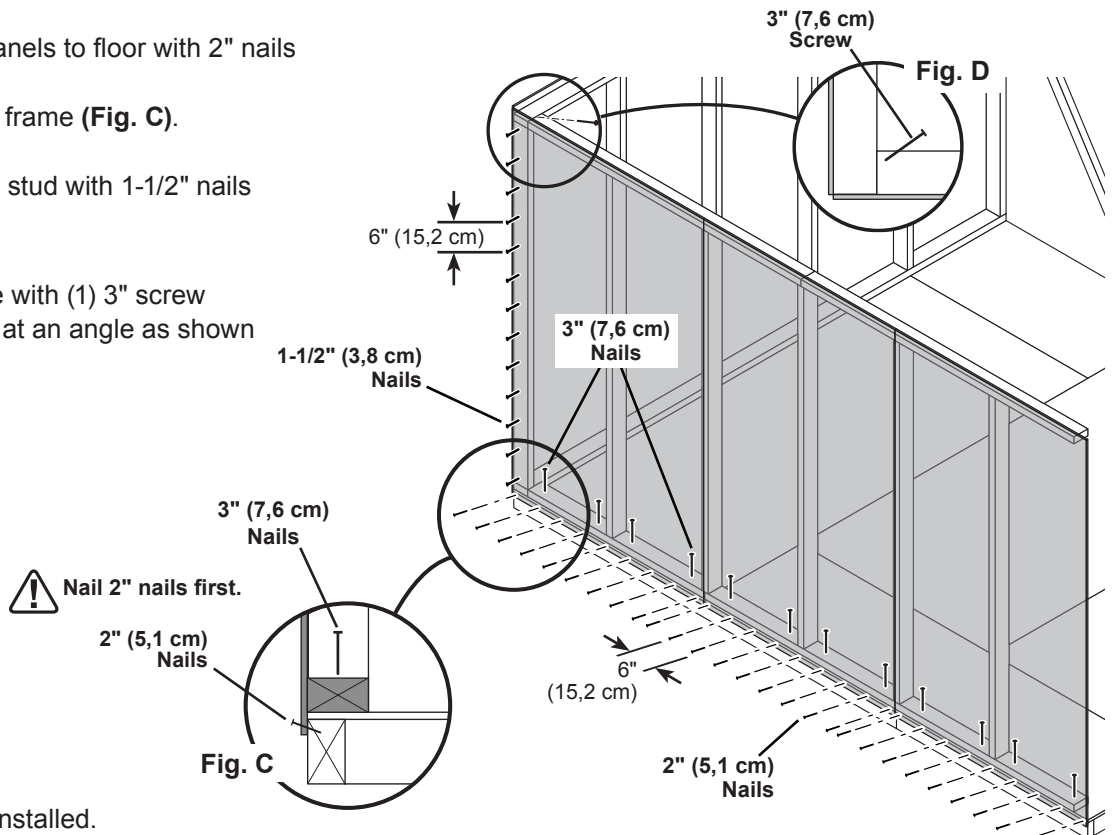
🏁 **FINISH**
Your 12' wall is now installed.

12' WALL 04 INSTALLATION

PARTS REQUIRED:

x2 — 2" (5,1 cm)

x27 — 2" (5,1 cm)

x13 — 1-1/2" (3,8 cm)

x12 — 3" (7,6 cm)

x1 — 3" (7,6 cm)
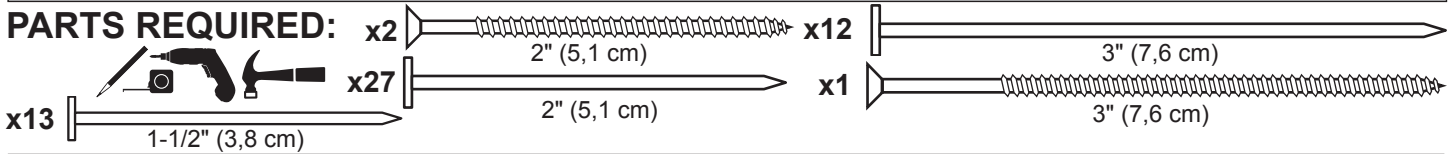
√ BEGIN

1 Remove temporary brace **OO** from installed 10' wall.
Place 12' wall centered on floor.
1-1/2" (3,8 cm) overlap is to the top.

2 Secure wall with (1) 2" screw through gable wall panel into 10' wall bottom and top plates **(Fig. B, Fig. A)**.
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)**.

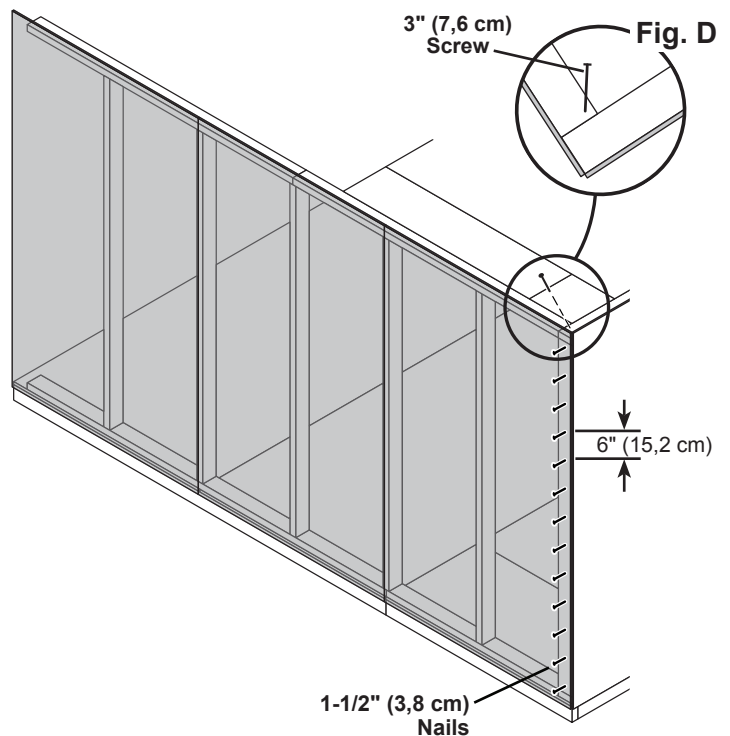**4** Nail 12' wall panel to 10' wall stud with 1-1/2" nails spaced 6" apart.

5 Secure gable wall top plate with (1) 3" screw at the corner at an angle as shown **(Fig. D)**.
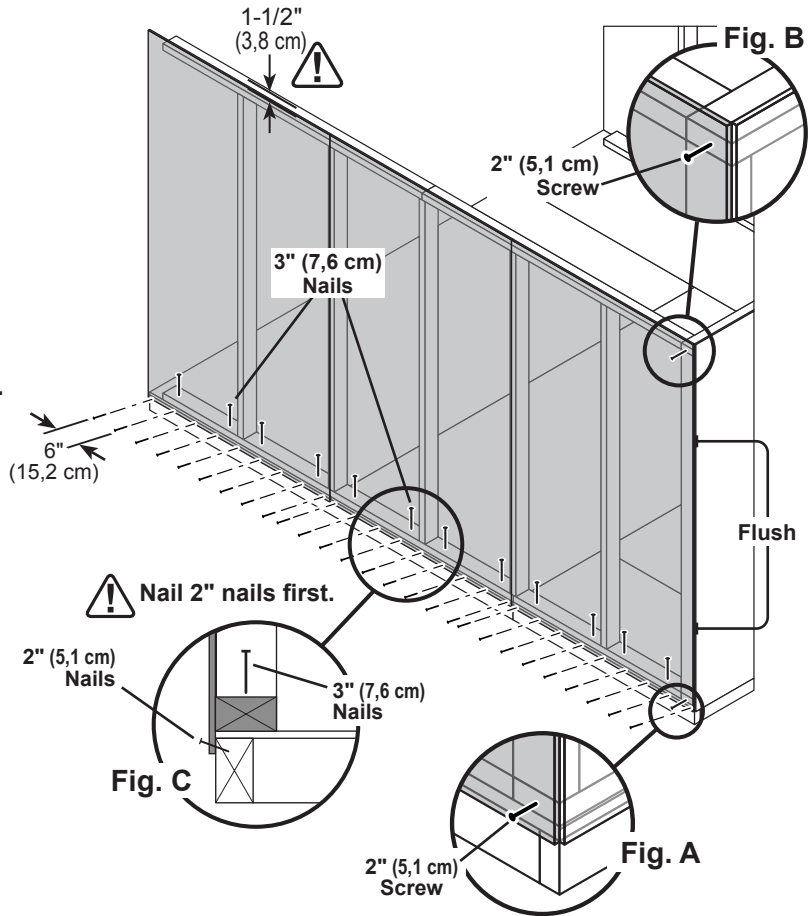
🏁 **FINISH**
Your 2nd 12' wall is now installed.

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

Fig. B

2" (5,1 cm) Screw

3" (7,6 cm) Nails

6" (15,2 cm)

Flush

⚠ **Nail 2" nails first.**

2" (5,1 cm) Nails

3" (7,6 cm) Nails

Fig. C

2" (5,1 cm) Screw

Fig. A

3" (7,6 cm) Screw

Fig. D

6" (15,2 cm)

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

36

10' WALL 01 or 03 INSTALLATION

PARTS REQUIRED

x10 | 2" (5,1 cm)
x26 | 1-1/2" (3,8 cm)
x8 | 3" (7,6 cm)
x2 | 3" (7,6 cm)
x4 | 2" (5,1 cm)

✓ **BEGIN**

1 Place 10' wall on floor centered between 12' 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 10' GABLE WALL

OPTIONAL:
DOOR LOCATED
ON 12' EAVE WALL

Fig. B

2" (5,1 cm) Screw

Flush

Flush

2" (5,1 cm) Screw

Fig. A

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

Nail panels to 10' wall studs with 1-1/2" nails spaced 6" apart.

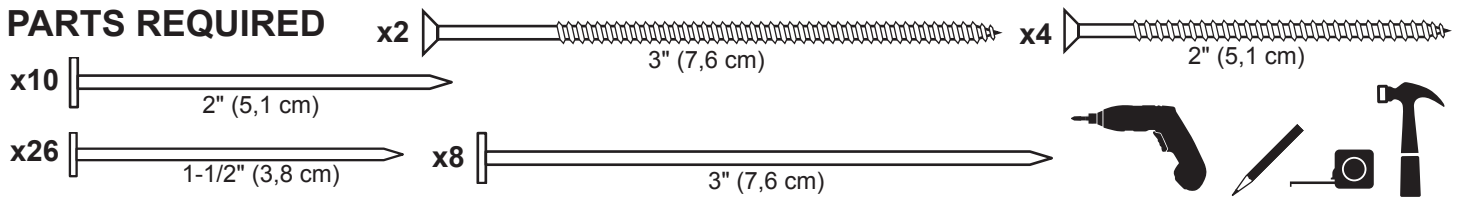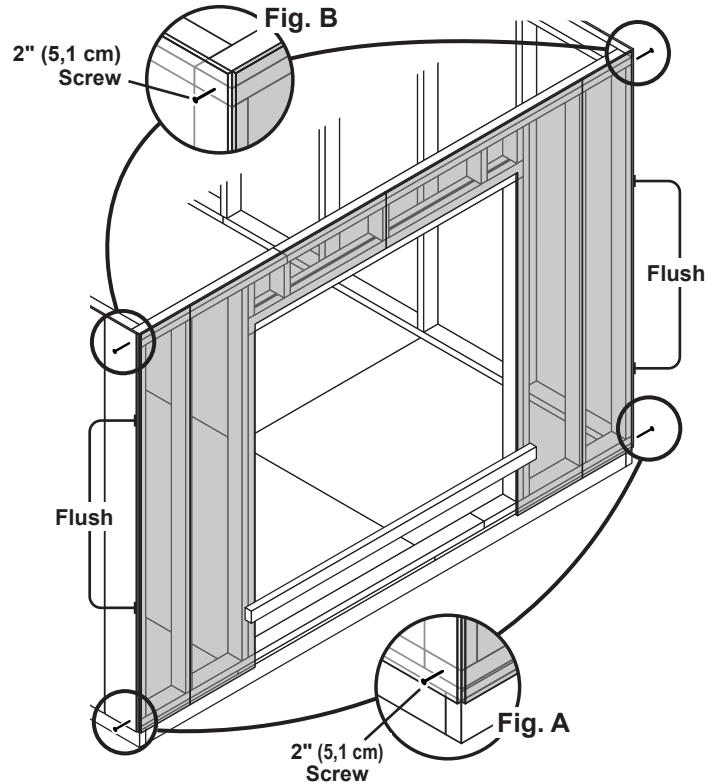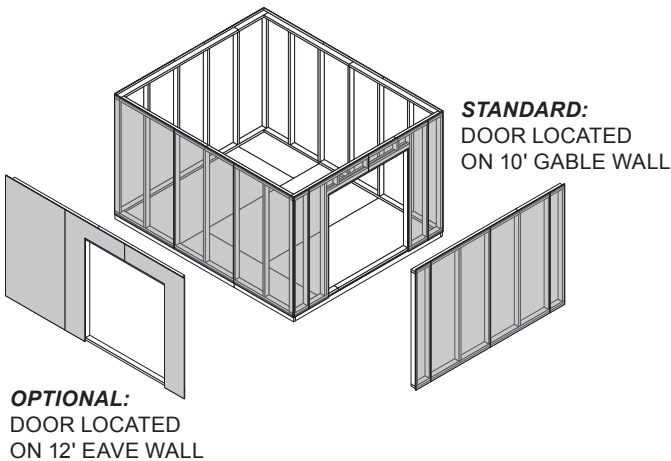**3** Secure wall top plates with 3" screws at each corner at an angle **(Fig. D)**.

3" (7,6 cm) Screw

Fig. D

6" (15,2 cm)

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

3" (7,6 cm) Nails

⚠ **Nail 2" nails first.**

3" (7,6 cm) Nails

2" (5,1 cm) Nails

Fig. C

2" (5,1 cm) Nails

🏁 **FINISH**
Your walls are now installed.

6" (15,2 cm)

CUT OUT AND REMOVE BOTTOM PLATE AT DOOR OPENING.

37
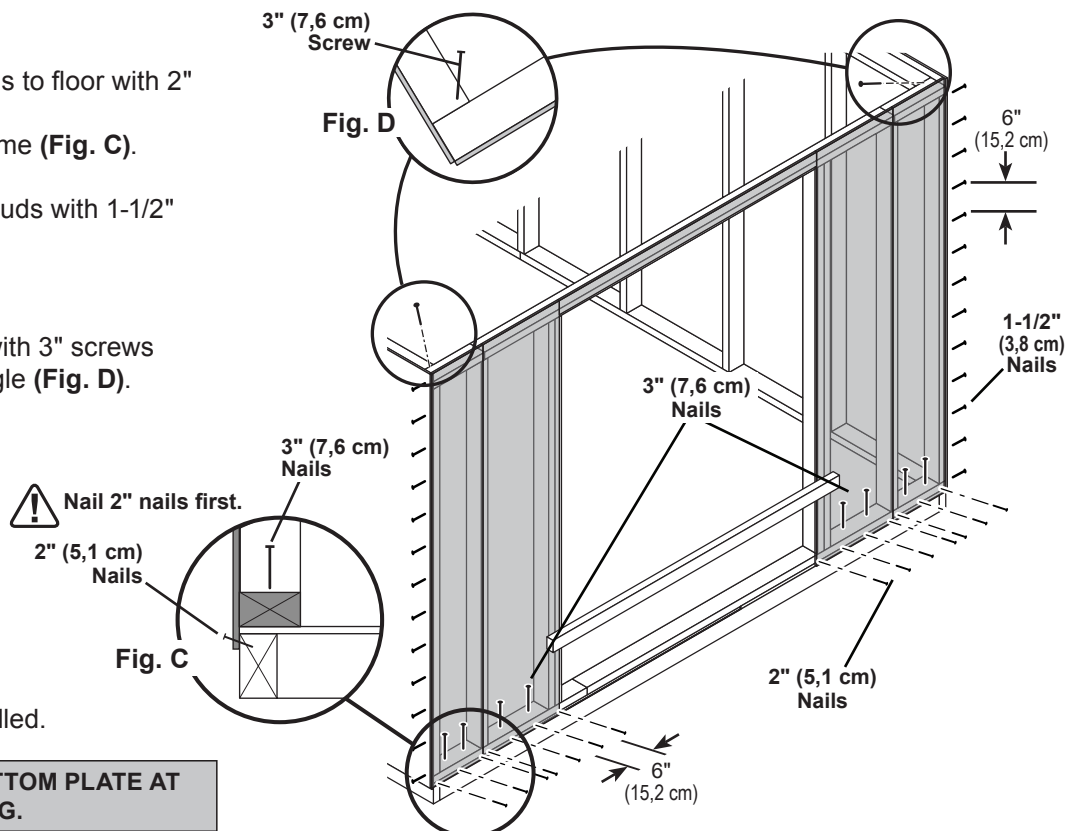
10' x 12' WALL DOUBLERS INSTALLATION

PARTS REQUIRED:

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

x2 **JBD**
2 x 4 x 20-3/8" (5,1 x 10,2 x 51,8 cm)

x2 **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)

x64 — 3" (7,6 cm)

x8 — 3" (7,6 cm)

✓**BEGIN**

1 Orient parts on top of wall frames. 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).**

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

3" (7,6 cm) Nails

Fig. A

Fig. B

3" (7,6 cm) Screws

20-3/8" (51,8 cm)

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

JBD

TJ

48" (121,9 cm)

48" (121,9 cm)

SP

SP

Ensure all doubler seams are non-aligned over seams of wall top plates.

96" (243,8 cm)

96" (243,8 cm)

TP

DOOR

TP

Nail TYP. 24" (61 cm)

TJ

JBD

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

20-3/8" (51,8 cm)

🏁**FINISH**

Your wall doublers are now installed.

10' WALL 02 INSTALLATION

PARTS REQUIRED:

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

x10 — 3" (7,6 cm)

x2 — 3" (7,6 cm)

x23 — 2" (5,1 cm)

✓ BEGIN

1

Center 10' 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.
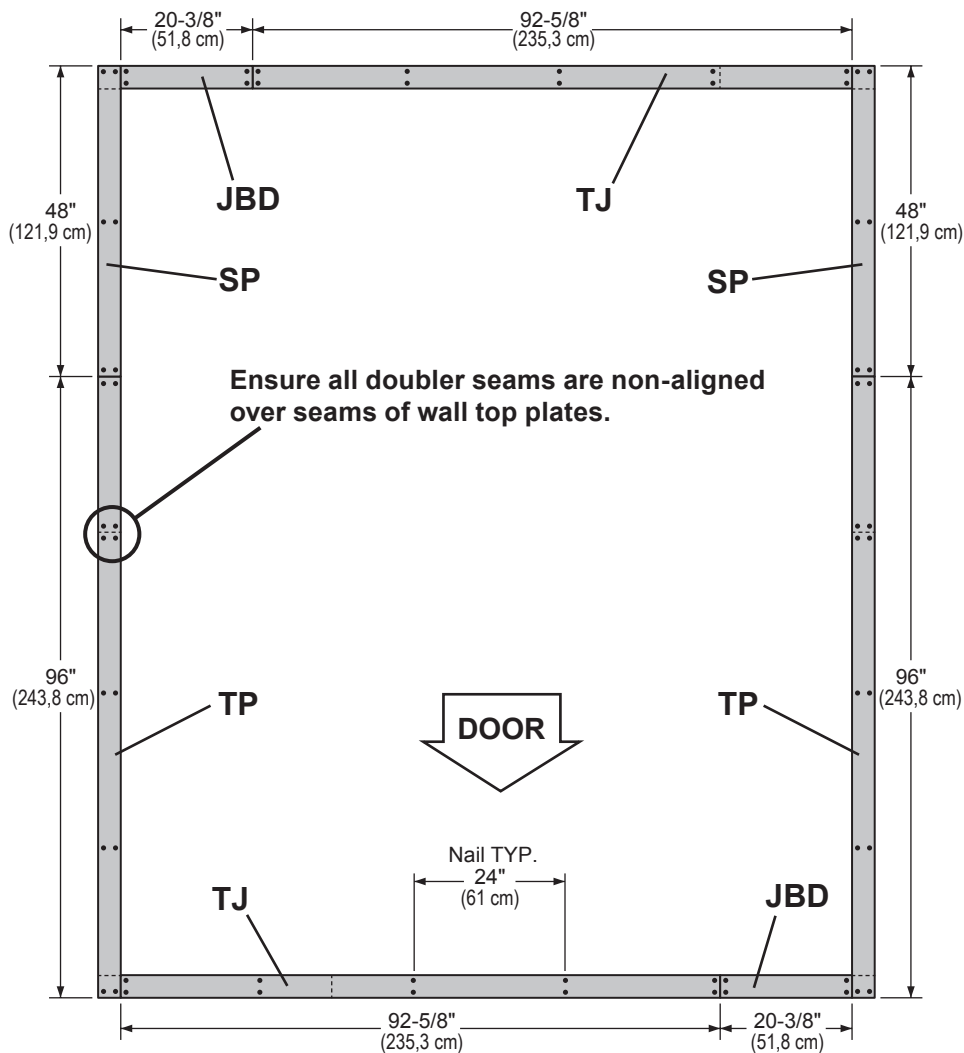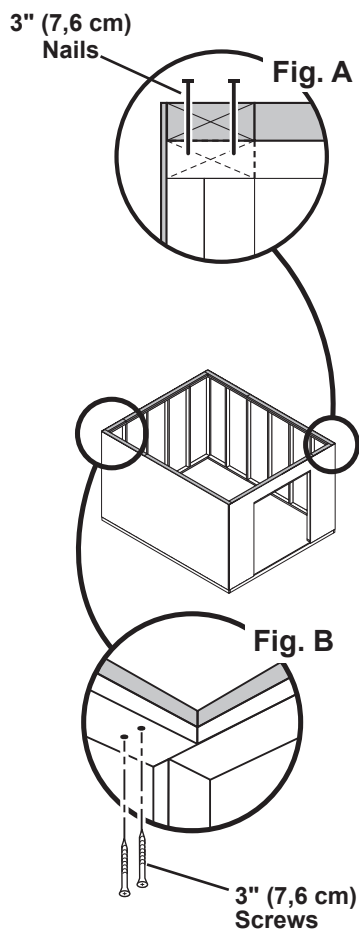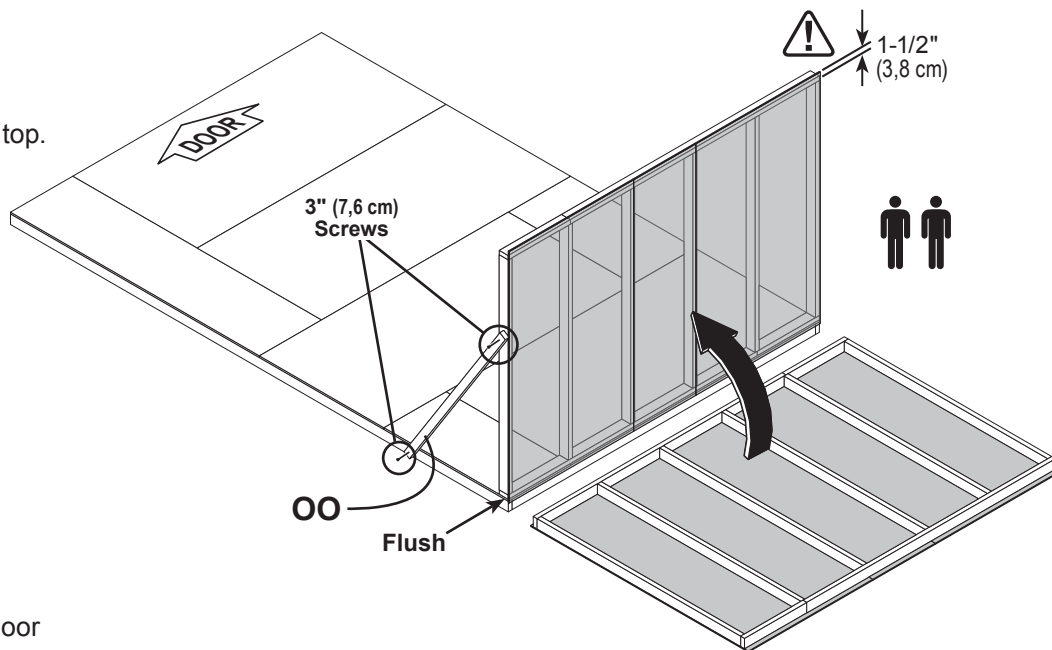Secure with (2) 3" screws.

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

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

OO

Flush

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
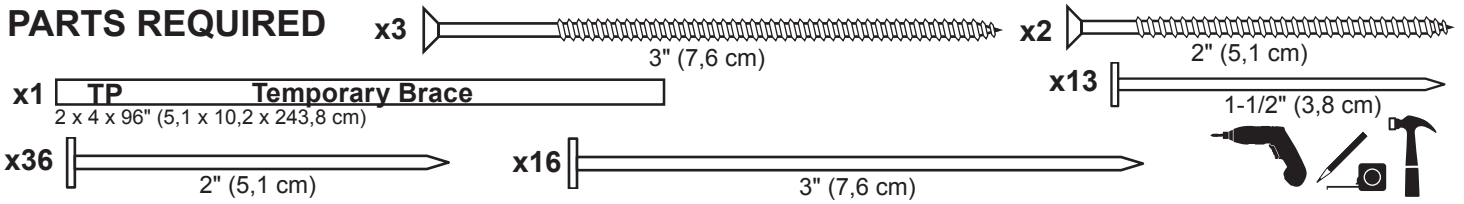with 3" nails **(Fig. A)**.

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

6"
(15,2 cm)

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

Nail 2" nails first.

**2" (5,1 cm)
Nails**

🏁 FINISH
Your 10' wall is now standing.

Fig. A

PARTS REQUIRED

x3 — 3" (7,6 cm)

x2 — 2" (5,1 cm)

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

x13 — 1-1/2" (3,8 cm)

x36 — 2" (5,1 cm)

x16 — 3" (7,6 cm)
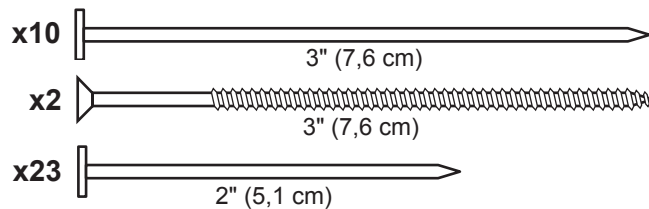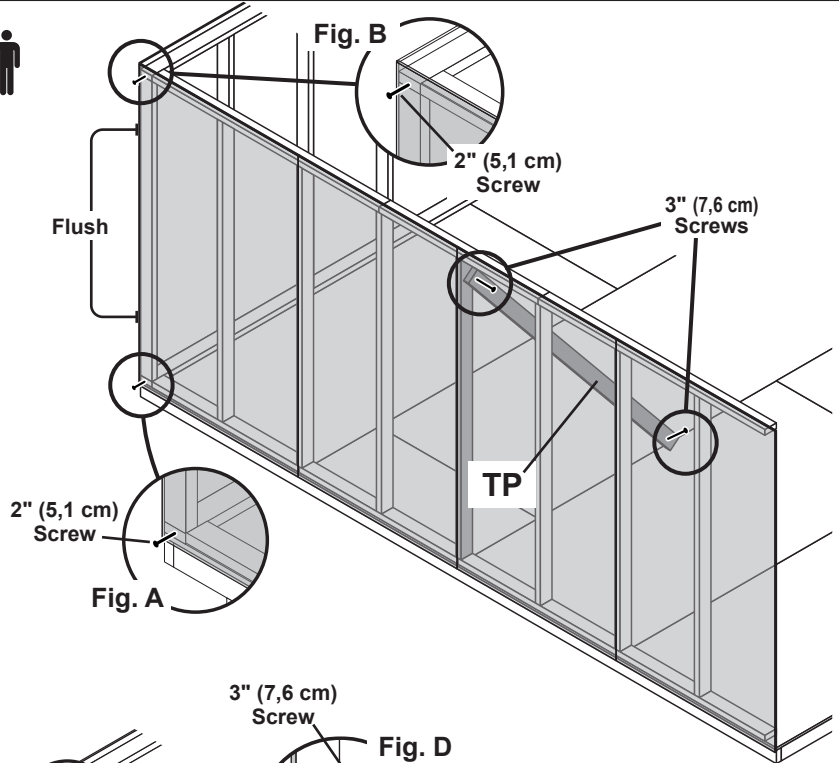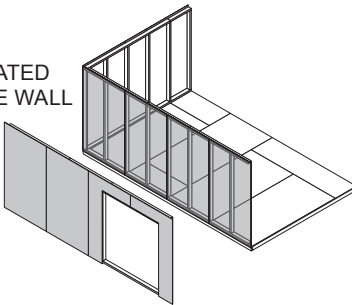
✓ **BEGIN**

1

Place 16' wall centered on floor.

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

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

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

Secure wall with (1) 2" screw into 10' wall bottom plate **(Fig. A)** and top plate **(Fig. B)**.

Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

OPTIONAL:
DOOR LOCATED
ON 16' EAVE WALL

Fig. B

**2" (5,1 cm)
Screw**

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

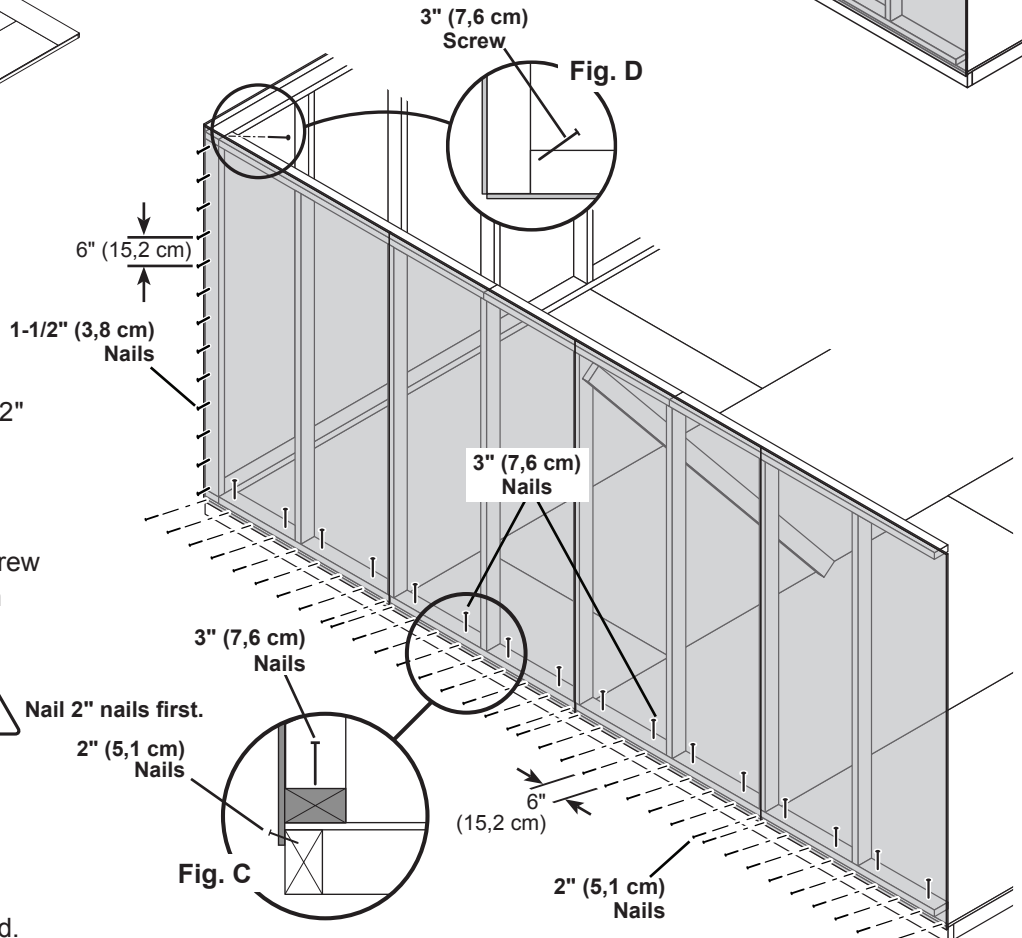**Flush**

**2" (5,1 cm)
Screw**

Fig. A

TP

2

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

Nail panel to 10' 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)**.

**3" (7,6 cm)
Screw**
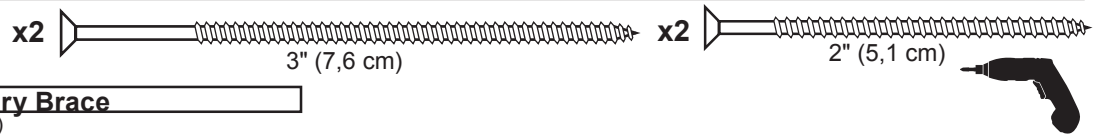
Fig. D

6" (15,2 cm)

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

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

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

⚠ **Nail 2" nails first.**

**2" (5,1 cm)
Nails**

6"
(15,2 cm)

Fig. C

**2" (5,1 cm)
Nails**

🏁 **FINISH**
Your 16' wall is now installed.

16' WALL 06 INSTALLATION

PARTS REQUIRED:

x2 ⊢▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭➤ 3" (7,6 cm)

x2 ⊢▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭ 2" (5,1 cm)

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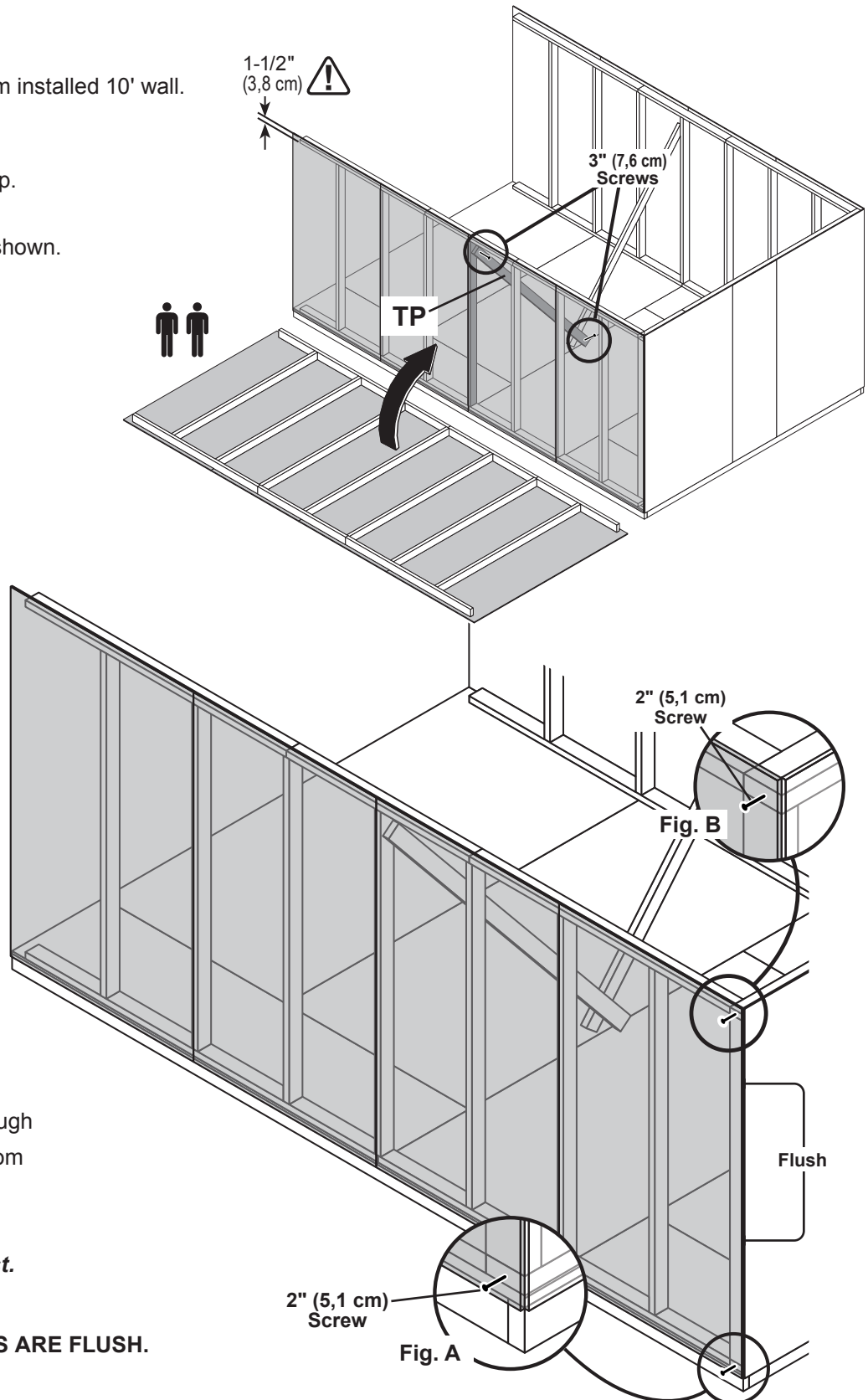2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

✓**BEGIN**

1

Remove temporary brace **OO** from installed 10' wall.

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

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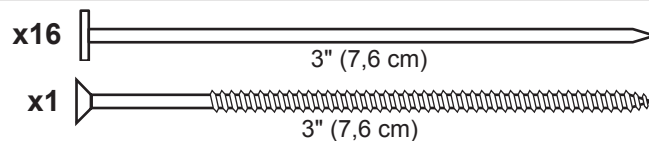Secure **TJ** with (2) 3" screws.

1-1/2" (3,8 cm) ⚠

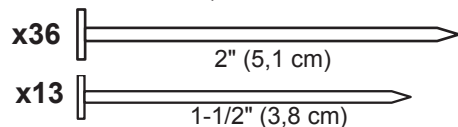3" (7,6 cm) Screws

TP

2" (5,1 cm) Screw

Fig. B

2

Secure wall with (1) 2" screw through
gable wall panel into 10' wall bottom
and top plates **(Fig. A, Fig. B)**.

Secure wall to bottom plate first.

⚠**ENSURE PANEL CORNERS ARE FLUSH.**

Flush

2" (5,1 cm) Screw

Fig. A

41

16' WALL 06 INSTALLATION

PARTS REQUIRED:

x36 — 2" (5,1 cm)
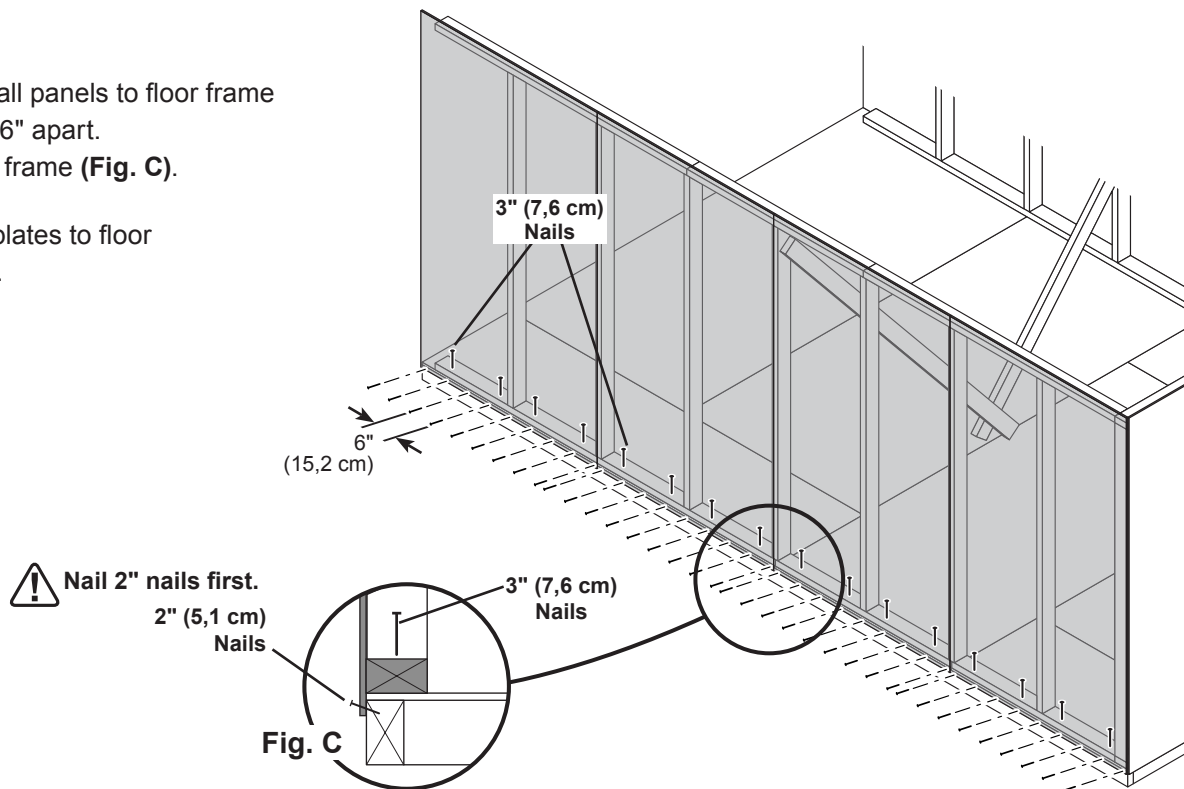
x13 — 1-1/2" (3,8 cm)

x16 — 3" (7,6 cm)

x1 — 3" (7,6 cm)

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)**.

3" (7,6 cm)
Nails

6"
(15,2 cm)

⚠ **Nail 2" nails first.**

2" (5,1 cm)
Nails

3" (7,6 cm)
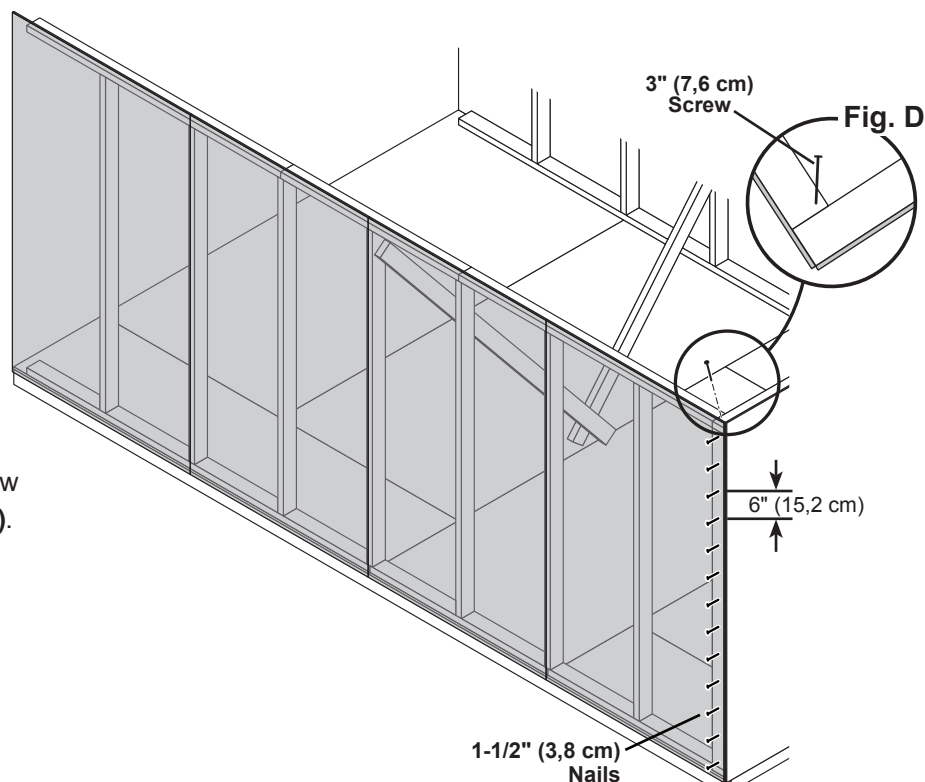Nails

Fig. C

3" (7,6 cm)
Screw

Fig. D

4

Nail 12' wall panel to 10' 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)**.

6" (15,2 cm)

🏁 **FINISH**

Your 2nd 16' wall is now installed.

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

10' WALL 01 or 03 INSTALLATION

PARTS REQUIRED

x2 — 3" (7,6 cm)
x4 — 2" (5,1 cm)
x10 — 2" (5,1 cm)
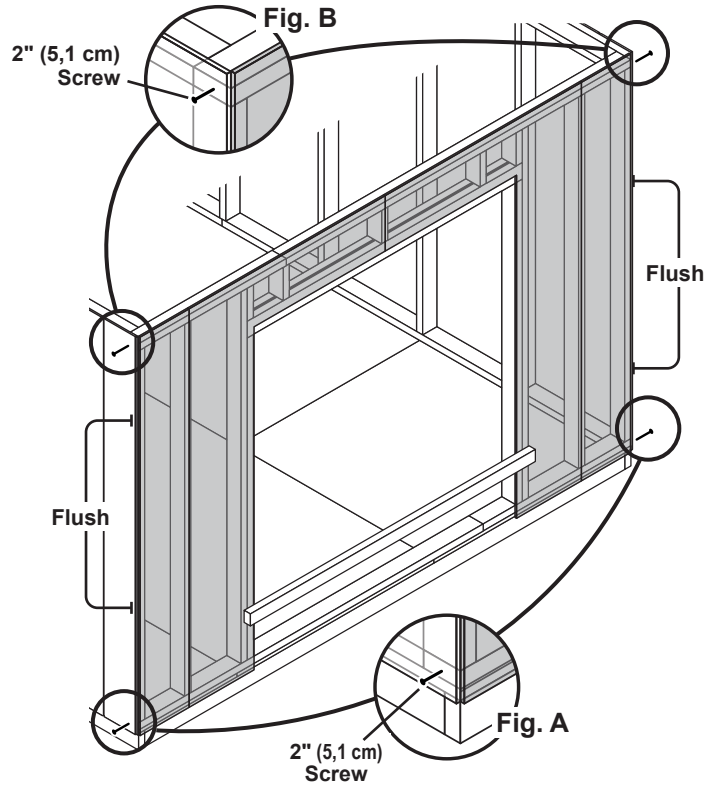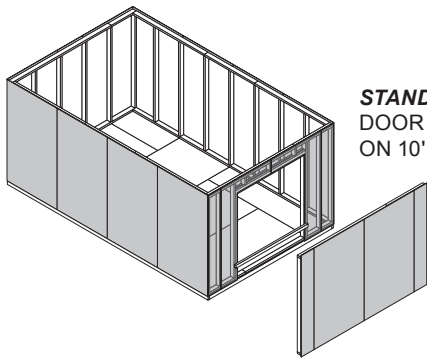x26 — 1-1/2" (3,8 cm)
x8 — 3" (7,6 cm)

✓ **BEGIN**

1 Place 10' wall on floor centered between 16' walls.

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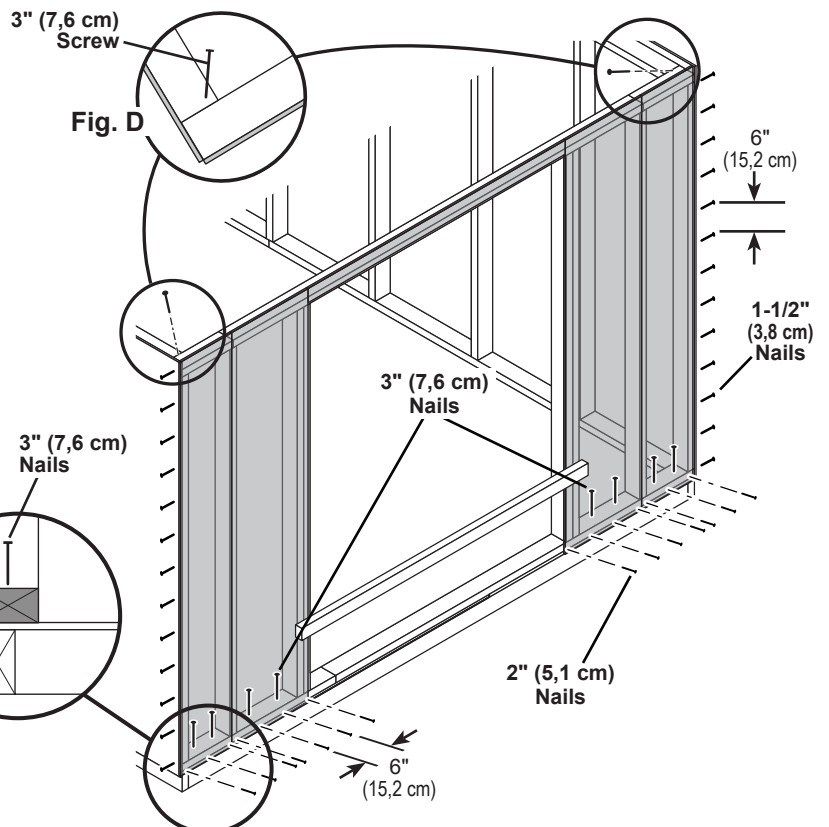
Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.** ⚠

STANDARD:
DOOR LOCATED
ON 10' GABLE WALL

Fig. B

2" (5,1 cm) Screw

Flush

Flush

2" (5,1 cm) Screw

Fig. A

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

Nail panels to 10' 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)**.

3" (7,6 cm) Screw

Fig. D

6" (15,2 cm)

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

3" (7,6 cm) Nails

⚠ **Nail 2" nails first.**

3" (7,6 cm) Nails

2" (5,1 cm) Nails

🏁 **FINISH**
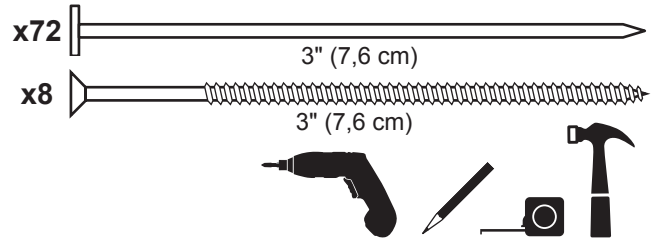Your walls are now installed.

Fig. C

2" (5,1 cm) Nails

6" (15,2 cm)

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

43

10' x 16' WALL DOUBLERS INSTALLATION

PARTS REQUIRED:

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

x2 **JBD**
2 x 4 x 20-3/8" (5,1 x 10,2 x 51,8 cm)

x2 **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)

x72 — 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).**

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

3" (7,6 cm) Nails

Fig. A

Fig. B

3" (7,6 cm) Screws
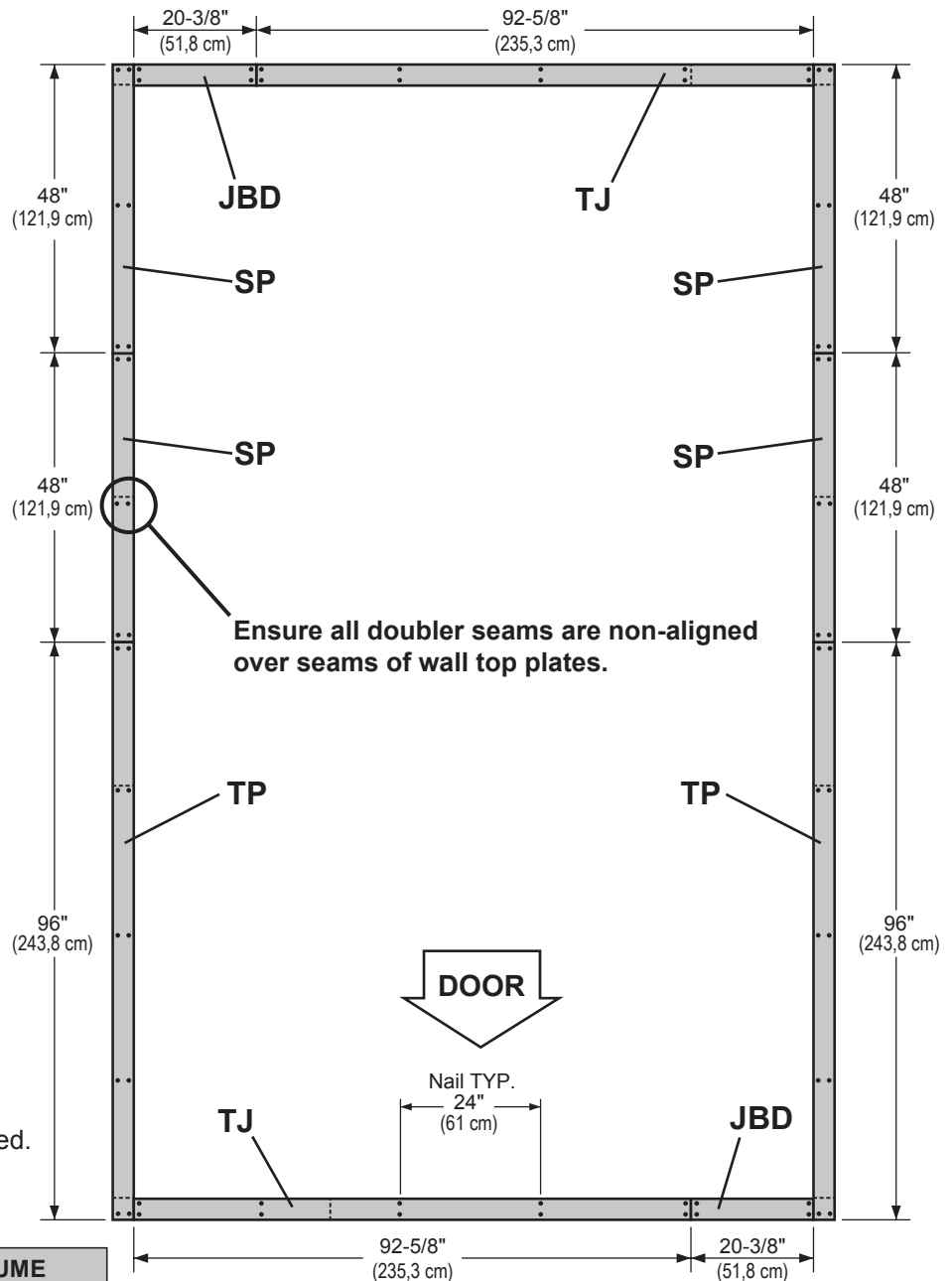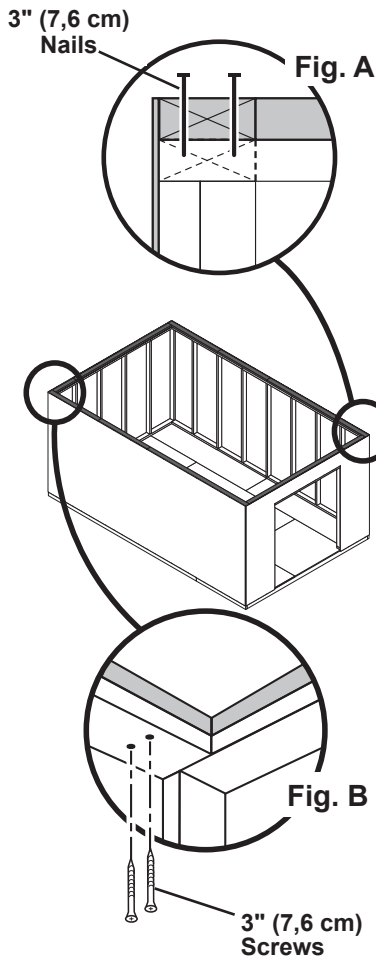
🏁 **FINISH**
Your wall doublers are now installed.

CONTINUE TO NEXT PAGE TO RESUME CONSTRUCTION OF 10' X 16' SHED.

20-3/8" (51,8 cm)

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

JBD

TJ

48" (121,9 cm)

48" (121,9 cm)

SP

SP

SP

SP

48" (121,9 cm)

48" (121,9 cm)

Ensure all doubler seams are non-aligned over seams of wall top plates.

TP

TP

96" (243,8 cm)

96" (243,8 cm)

DOOR

Nail TYP.
24" (61 cm)

TJ

JBD

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

20-3/8" (51,8 cm)

44

	10x12'	10x16'		

RAFTER INSTALLATION

PARTS REQUIRED:

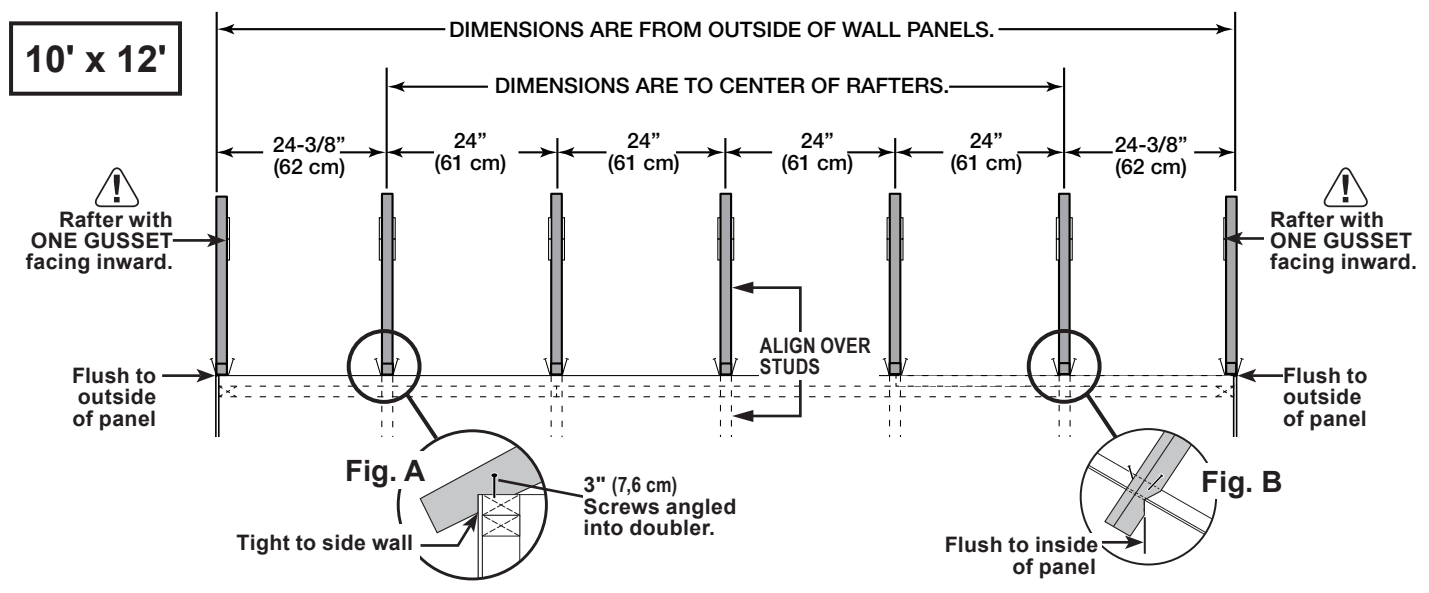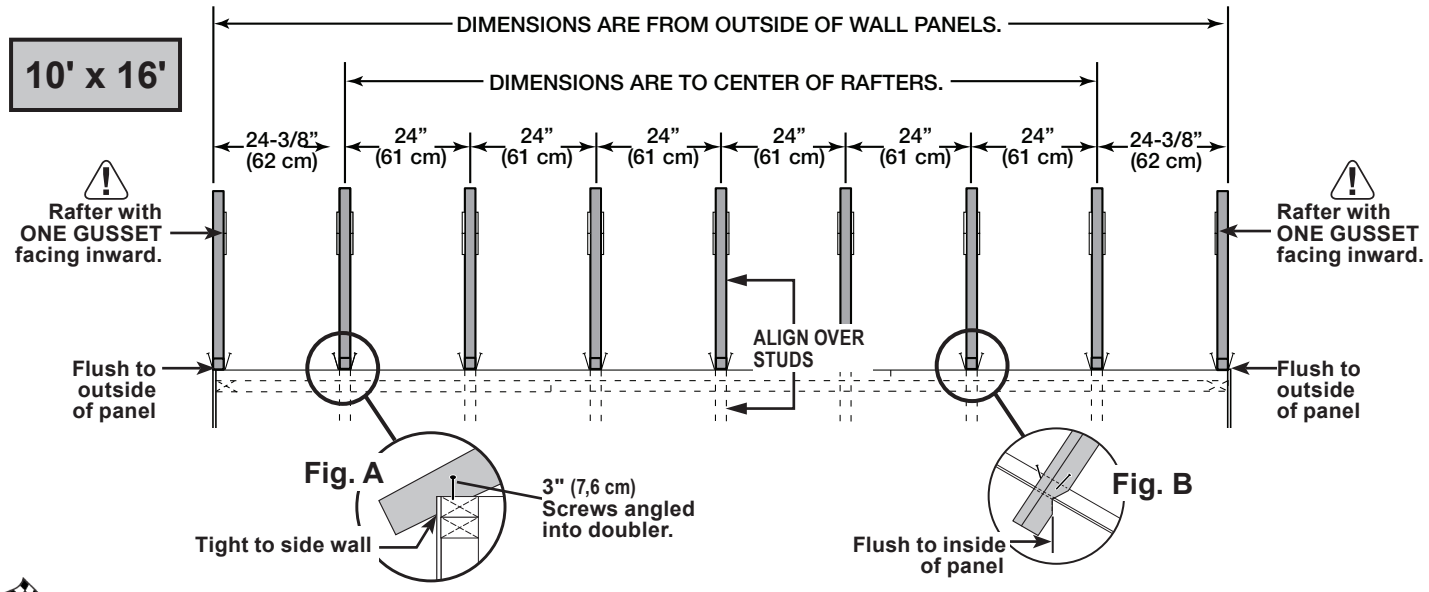| 10x12'	10x16'	
x5	x7	Two-Gusset Preassembled
x2	x2	One-Gusset Preassembled
x28	x36	3" (7,6 cm)

✓ **BEGIN**

1 Align rafters over the wall studs.

Check that you have the measurements shown.
Secure rafters with (2) 3" screws angled at each end **(Fig. A, Fig. B)**.
Secure rafters on opposite side.

⚠️ *Maintain the measurements between rafters.*

10' x 12'

DIMENSIONS ARE FROM OUTSIDE OF WALL PANELS.
DIMENSIONS ARE TO CENTER OF RAFTERS.

24-3/8" (62 cm)	24" (61 cm)	24" (61 cm)	24" (61 cm)	24" (61 cm)	24-3/8" (62 cm)

⚠️ **Rafter with ONE GUSSET facing inward.**

⚠️ **Rafter with ONE GUSSET facing inward.**

ALIGN OVER STUDS

Flush to outside of panel

Flush to outside of panel

Fig. A

3" (7,6 cm) Screws angled into doubler.

Tight to side wall

Fig. B

Flush to inside of panel

⚠️ *Maintain the measurements between rafters.*

10' x 16'

DIMENSIONS ARE FROM OUTSIDE OF WALL PANELS.
DIMENSIONS ARE TO CENTER OF RAFTERS.

24-3/8" (62 cm)	24" (61 cm)	24" (61 cm)	24" (61 cm)	24" (61 cm)	24" (61 cm)	24" (61 cm)	24-3/8" (62 cm)

⚠️ **Rafter with ONE GUSSET facing inward.**

⚠️ **Rafter with ONE GUSSET facing inward.**

ALIGN OVER STUDS

Flush to outside of panel

Flush to outside of panel

Fig. A

3" (7,6 cm) Screws angled into doubler.

Tight to side wall

Fig. B

Flush to inside of panel

🏁 **FINISH**

Your rafters are now installed.

GABLE UNITS

PARTS REQUIRED:

x40 ⊨————————— 1-1/2" (3,8 cm)

x2 ◢ x2 ⬒ x2 ◣
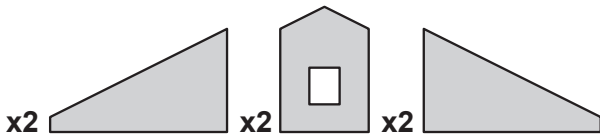
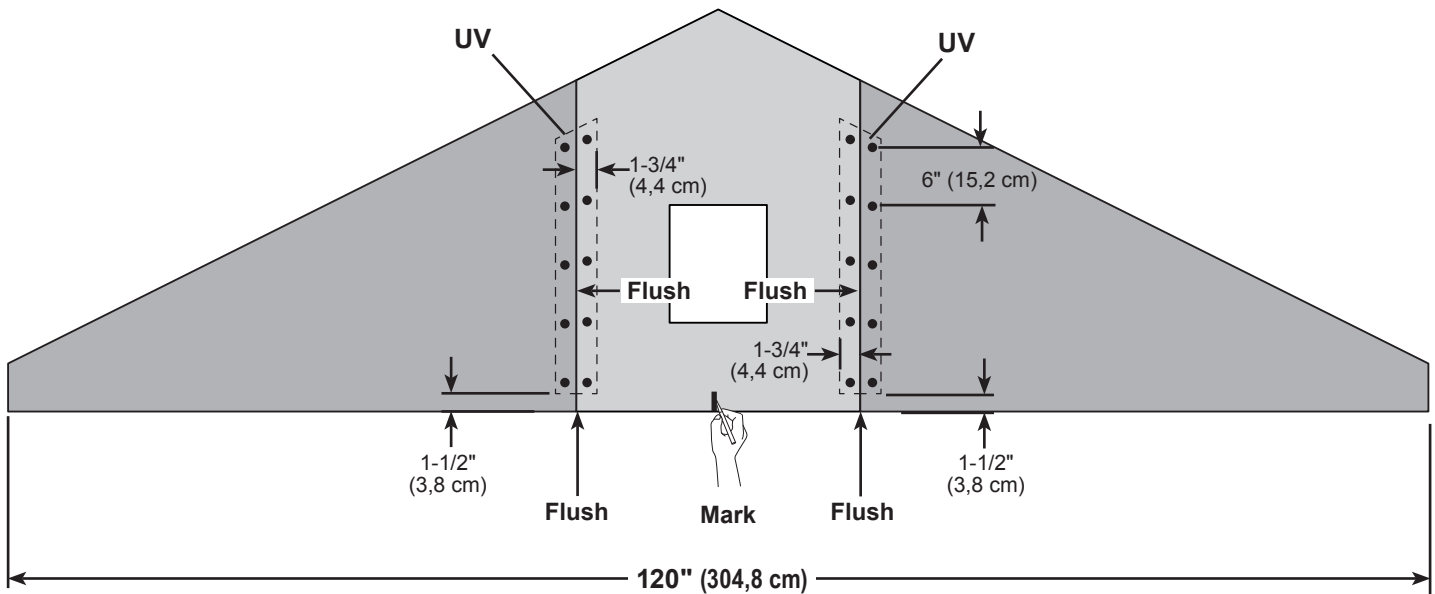x4 | UV | 2 x 4 x 23-1/4" (5,1 x 10,2 x 59,1 cm)

Install gable panels with the primed side facing up.

✓**BEGIN**

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

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

Mark the center of the middle gable panel.

UV   UV

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

6" (15,2 cm)

Flush   **Flush**

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

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

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

Flush   **Mark**   **Flush**

120" (304,8 cm)

Repeat steps to assemble the 2nd gable unit.

🏁**FINISH**

Your (2) gable units are now assembled.

46

GABLE UNITS

PARTS REQUIRED:

x12 CLA
2 x 4 x 4-7/8" (5,1 x 10,2 x 12,4 cm)

x8 ECA
2 x 3 x 75-1/4" (5,1 x 7,6 x 191,1 cm)

x56 3" (7,6 cm)

x4
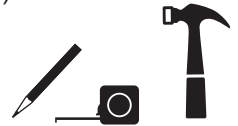
Fig. B

√BEGIN

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

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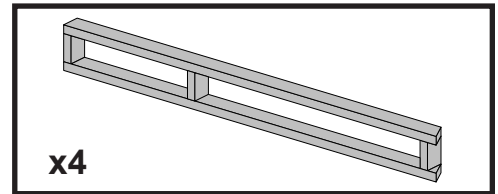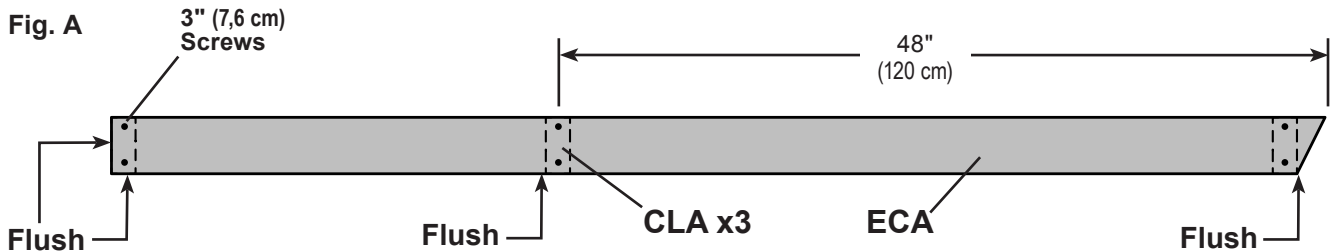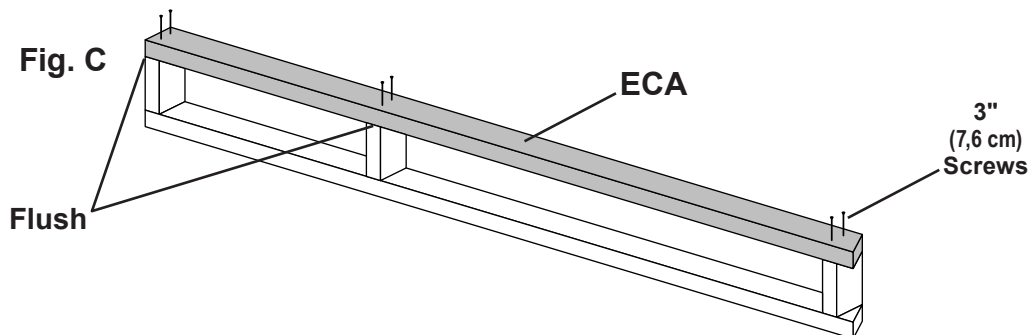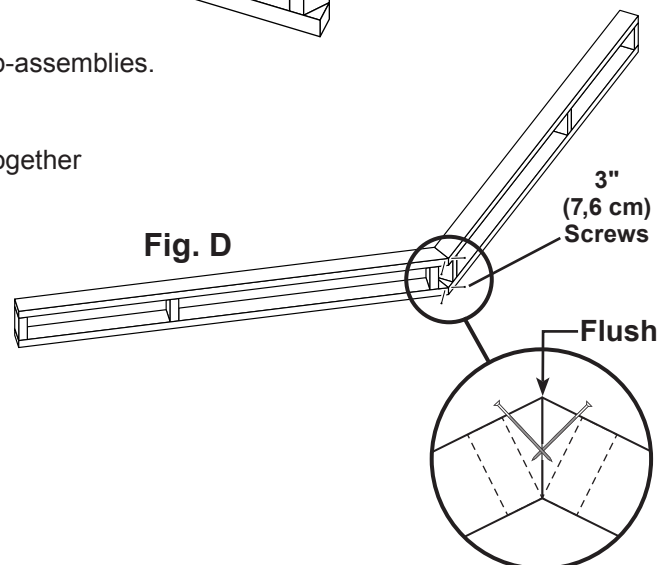
Fig. A

3" (7,6 cm) Screws

48" (120 cm)

Flush **Flush** **CLA x3** **ECA** **Flush**

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

Fig. C **ECA**

3" (7,6 cm) Screws

Flush

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

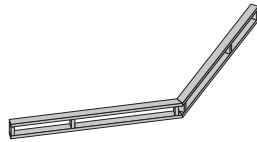**5** To complete gable ladder, secure two sub-assemblies together with (2) 3" screws, as shown **(Fig. D)**.

Fig. D

3" (7,6 cm) Screws

Flush

6 Repeat steps 1-5 to build the 2nd gable ladder frame.

GABLE UNITS

PARTS REQUIRED:
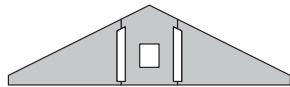
x2 Gable Assemblies   **x2** Ladder Assemblies

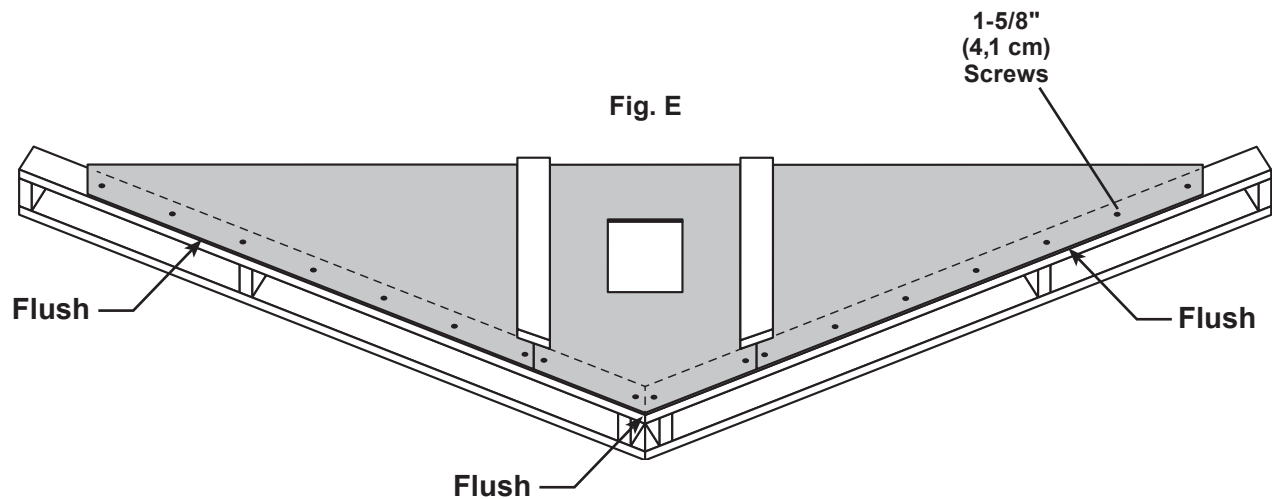**x36** [screw illustration] 1-5/8" (4,1 cm)
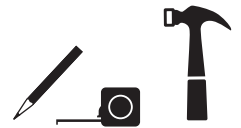
7 Arrange gable and ladder assemblies as shown **(Fig. E)**. You will build (2) complete assemblies.

8 Ensure gable panels are flush at peak of ladder and flush along top edge of ladder assembly. Secure with 1-5/8" screws as shown **(Fig. E)**.

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

Fig. E

Flush

Flush

Flush

Repeat steps 7 and 8 to build the 2nd gable unit.

FINISH
You have finished building (2) gable units.

GABLE UNITS

PARTS REQUIRED:
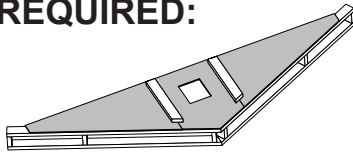
x2 Gable Units
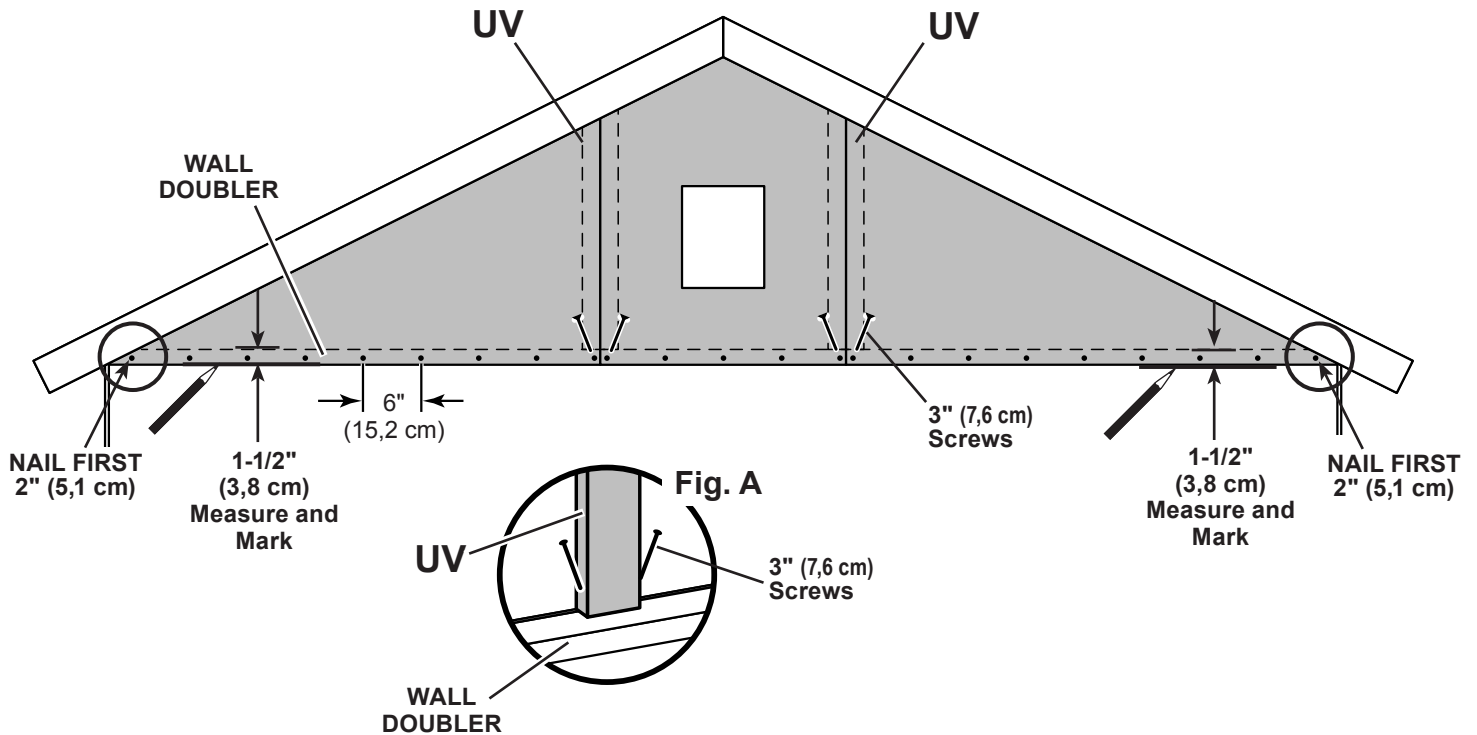
x8 — 3" (7,6 cm)

x46 — 2" (5,1 cm)

✓**BEGIN**

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

⚠ **BE SURE GABLE IS CENTERED ON WALL BEFORE NAILING.** ⚠

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

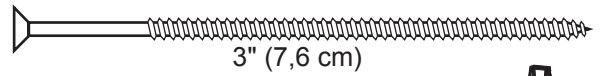**3** Working inside, secure gable unit with (2) 3" screws angled into each **AF** at an angle **(Fig. A)**.

UV   UV

WALL DOUBLER

6" (15,2 cm)

3" (7,6 cm) Screws

NAIL FIRST 2" (5,1 cm)

1-1/2" (3,8 cm) Measure and Mark

Fig. A

UV

3" (7,6 cm) Screws

WALL DOUBLER

1-1/2" (3,8 cm) Measure and Mark

NAIL FIRST 2" (5,1 cm)

4 Continue securing panels to rafter with 2" nails spaced 6" apart.
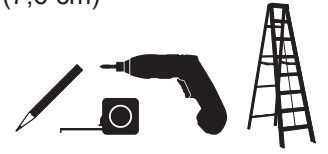
49

GABLE UNITS

PARTS REQUIRED: **x24**

3" (7,6 cm)

5   Secure gable unit frame to end rafter with 3" screws, evenly spaced.
Angle screws if neccessary

END RAFTER

**3" (7,6 cm)
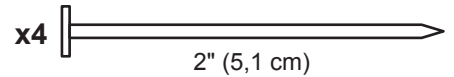Screws**
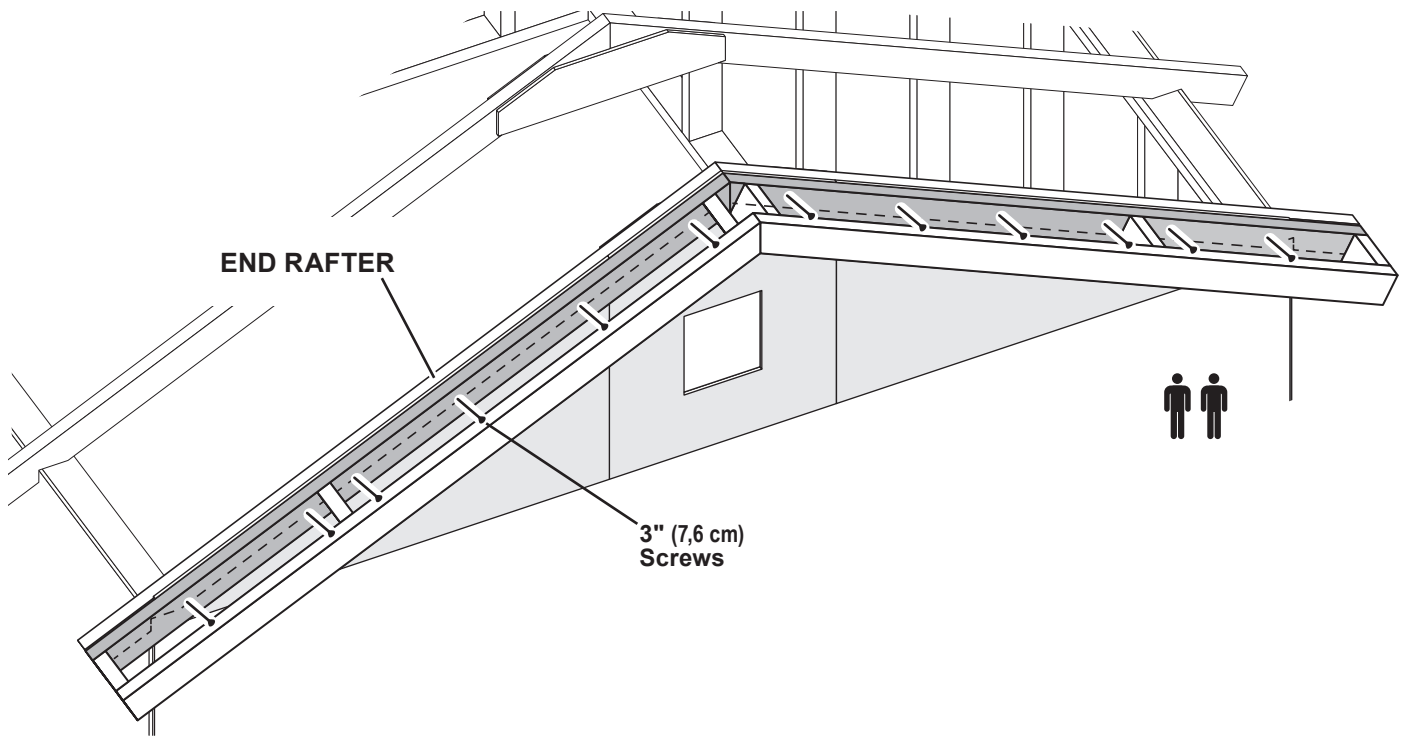
Repeat all steps to install the 2nd gable unit.

FINISH
Your (2) gable units are now installed

10' x 12' ROOF PANELS

PARTS REQUIRED:

x1

7/16 x 48 x 96"
(1,1 x 121,9 x 243,8 cm)

GAA
3/4" GAUGE
BLOCK

x4

2" (5,1 cm)

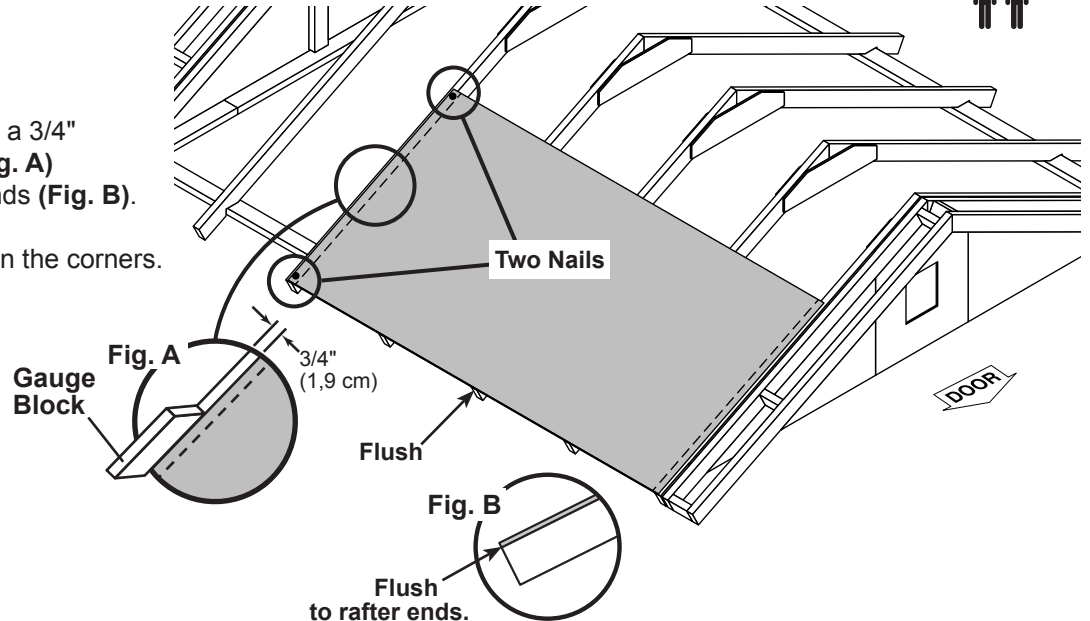*Install all roof panels with the rough side (painted grid lines) facing up.*

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

✓**BEGIN**

1

Install (1) **48" x 96"** panel with a 3/4"
measurement on the rafter **(Fig. A)**
and the panel flush to rafter ends **(Fig. B)**.

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

Two Nails

Fig. A

**Gauge
Block**

3/4"
(1,9 cm)

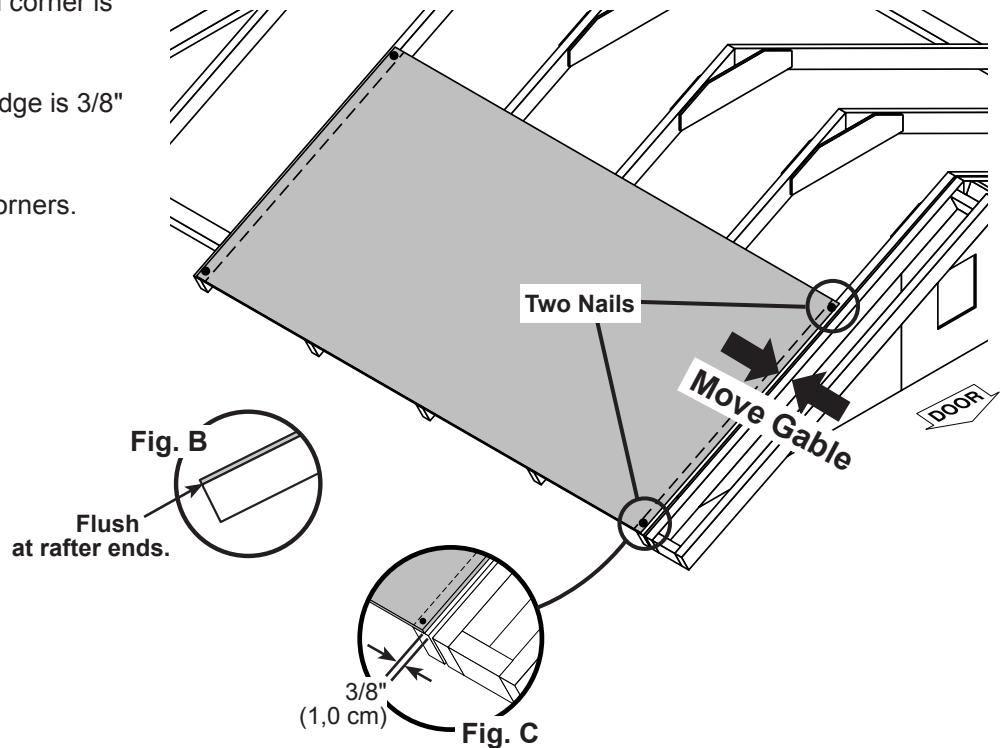**Flush**

Fig. B

**Flush
to rafter ends.**

DOOR

2

Move to the opposite end.
Using the long edge of the panel as a lever, move
the panel side-to-side until the bottom corner is
flush to rafter end **(Fig. B)**.

Move the gable until the end rafter's edge is 3/8"
from the edge of the panel **(Fig. C)**.

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

Two Nails

Move Gable

DOOR

Fig. B

**Flush
at rafter ends.**

3/8"
(1,0 cm)

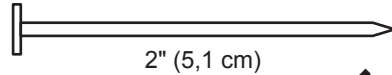**Fig. C**

10' x 12' ROOF PANELS

PARTS REQUIRED:

x1 7/16 x 27-1/4 x 48"
(1,1 x 69,2,9 x 121,9 cm)
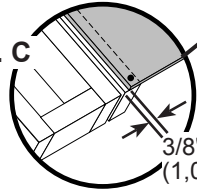
x8 2" (5,1 cm)

3

Install (1) **27-1/4" x 48"** panel flush to installed panel, and the panel flush to rafter ends **(Fig. B)**.

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

Move Gable

Fig. C

3/8"
(1,0 cm)

Flush

27-1/4" x 48"

Flush

Two Nails

DOOR

4

Move to the opposite end.
Using the long edge of the panel as a lever, move the panel side-to-side until the bottom corner is flush to rafter end **(Fig. B)**.

Move the gable until the end rafter's edge is 3/8" from the edge panel **(Fig. C)**.

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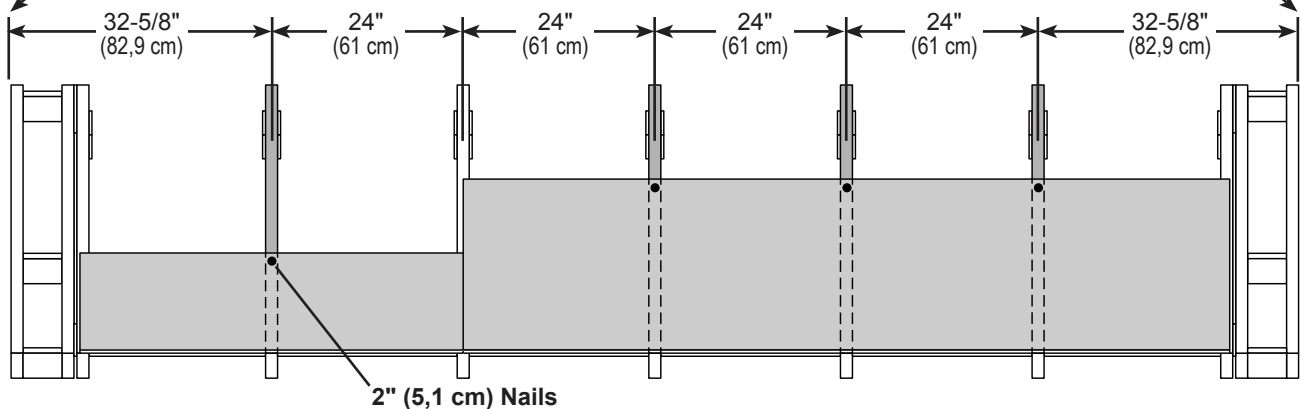
Fig. B

**Flush
at rafter ends.**

5

Maintain spacing between the centers of the rafters and to the outside of the gable frame **(Fig. D)**.
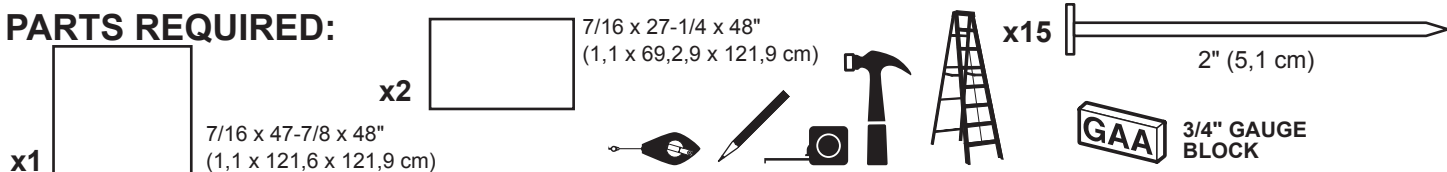Secure panels with (1) 2" nail in each rafter.

Fig. D

NOTE: Measurements to outside of gable frame.

| 32-5/8"
(82,9 cm) | 24"
(61 cm) | 24"
(61 cm) | 24"
(61 cm) | 24"
(61 cm) | 32-5/8"
(82,9 cm) |

2" (5,1 cm) Nails

10' x 12' ROOF PANELS

PARTS REQUIRED:

x1
7/16 x 47-7/8 x 48"
(1,1 x 121,6 x 121,9 cm)

x2
7/16 x 27-1/4 x 48"
(1,1 x 69,2,9 x 121,9 cm)

x15
2" (5,1 cm)
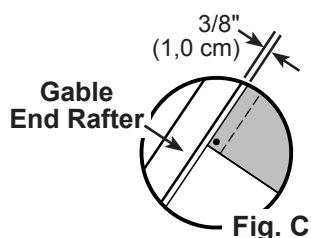
GAA 3/4" GAUGE BLOCK

5

Install (1) **47-7/8" x 48"** roof panel flush to installed panels.

Ensure 3/4" measurement at top of the (inner) rafter **(Fig. A)**. ⚠

Secure the panel to the rafter with (1) 2" nail in each corner.

3/8" (1,0 cm)

Gable End Rafter

Fig. C

Move Gable

Flush

47-7/8" x 48"

Flush

27-1/4" x 48"

Flush

27-1/4" x 48"

Flush

Flush

3/4" (1,9 cm)

Fig. A

Gauge Block

At the opposite (gable) end,
move the gable until the end rafter's edge is 3/8"
from the edge of the panel **(Fig. C)**.

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

6

Install (2) **27-1/4" x 48"** roof panels flush to installed panels.

Secure the panels with (1) 2" nail in each bottom corner.

7

Maintain spacing between the centers of the rafters **(Fig. D)**.

If necessary, move the gable until the end rafter's edge is 3/8" from the edge of the panel **(Fig. C)**.

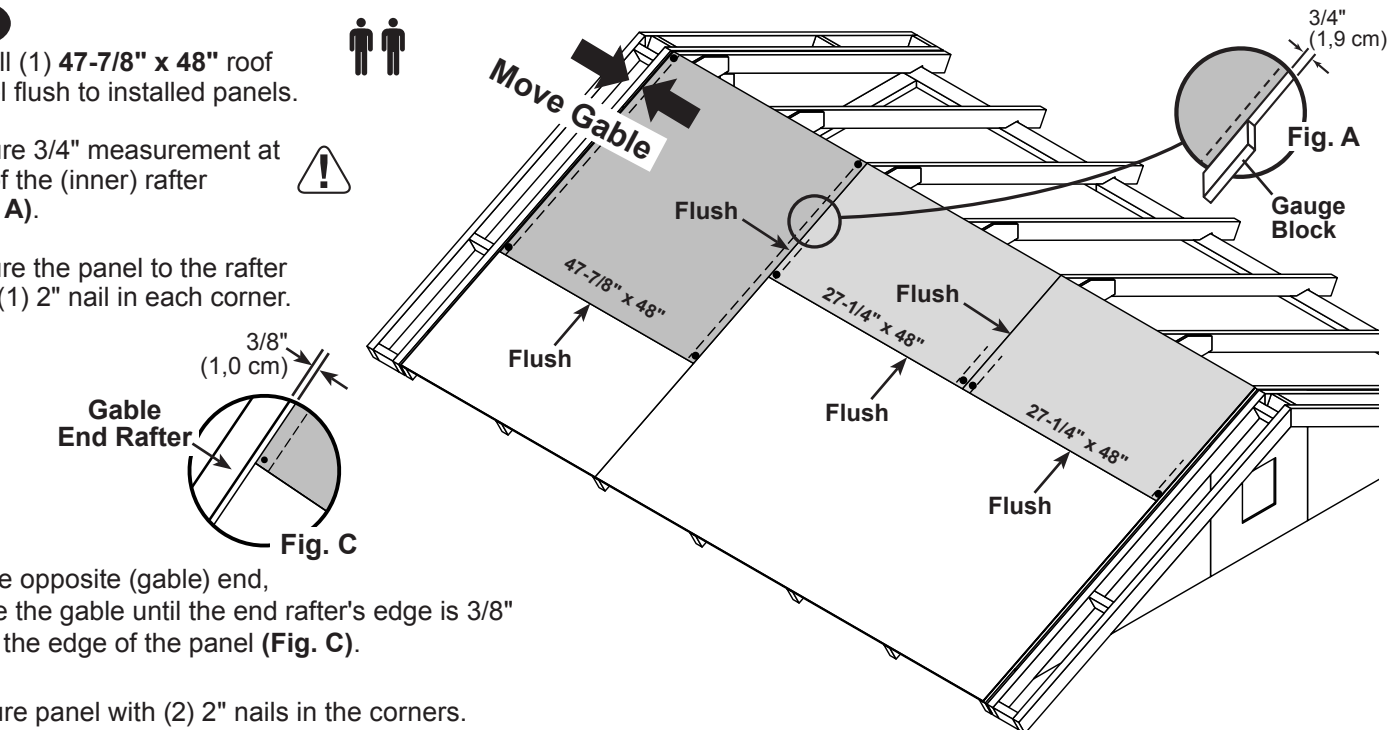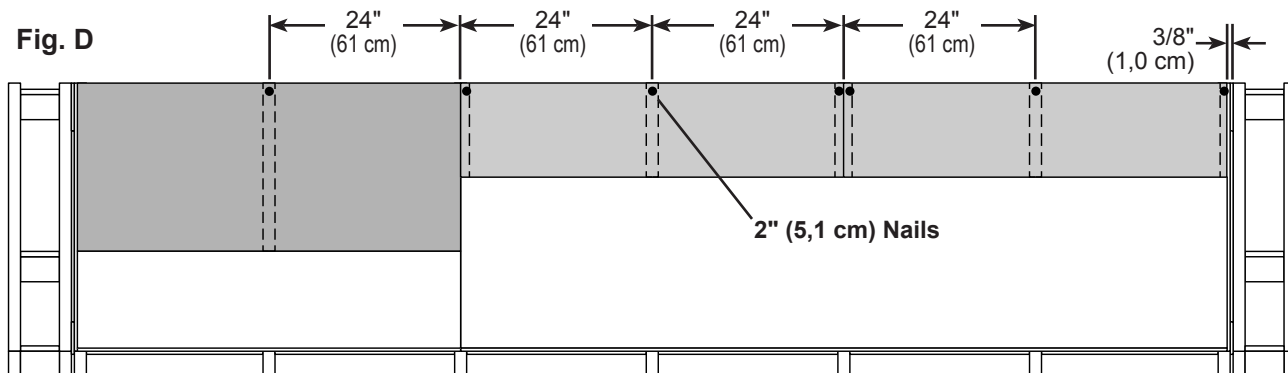Secure panels with (1) 2" nail in each corner and rafter, as shown.

Fig. D

24" (61 cm)   24" (61 cm)   24" (61 cm)   24" (61 cm)   3/8" (1,0 cm)
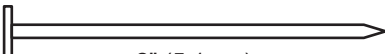
2" (5,1 cm) Nails

53

10' x 12' ROOF PANELS

PARTS REQUIRED:

x2 7/16 x 8-5/8 x 48"
(1,1 x 21,9 x 121,9 cm)

x2 7/16 x 8-5/8 x 27-1/4"
(1,1 x 21,9 x 69,2 cm)

x275 2" (5,1 cm)

8

Install (2) **8-5/8" x 27-1/4"** panels
flush to lower ends of gable frame
and rafter, and flush to outside
edge of gable frame.
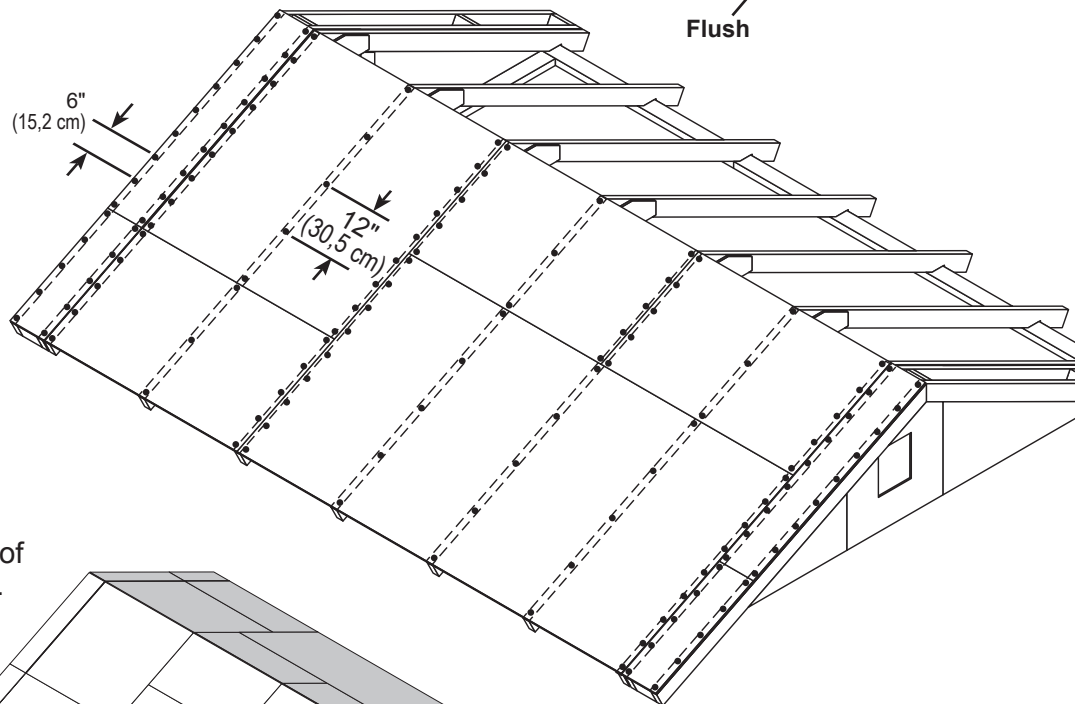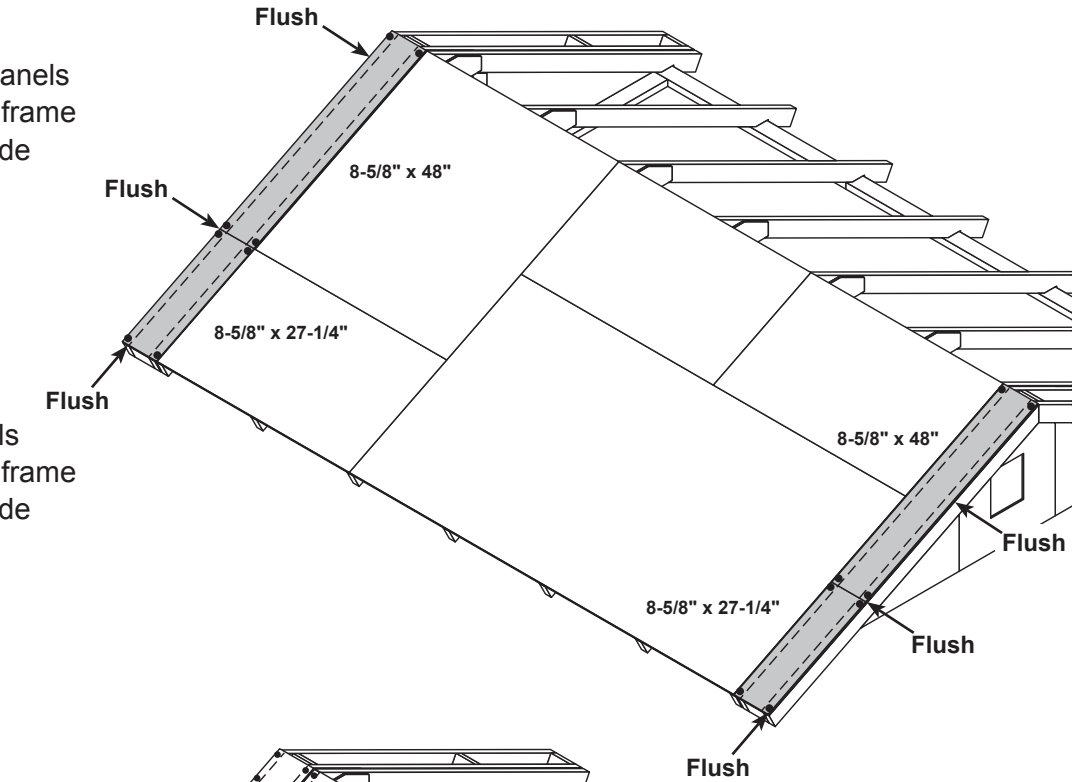
Secure with (1) 2" nail
in each corner.

9

Install (2) **8-5/8" x 48"** panels
flush to lower ends of gable frame
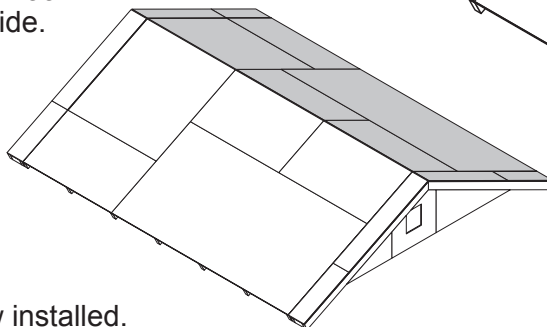and rafter, and flush to outside
edge of gable frame.

Secure with (1) 2" nail
in each corner.

Flush

Flush

8-5/8" x 48"

8-5/8" x 27-1/4"

Flush

8-5/8" x 48"

8-5/8" x 27-1/4"

Flush

Flush

10

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

6"
(15,2 cm)

12"
(30,5 cm)

Repeat all steps to install roof
panels on the opposite side.

🏁 **FINISH**

Your roof panels are now installed.

54

10' x 16' ROOF PANELS

PARTS REQUIRED:

x1

7/16 x 48 x 96"
(1,1 x 121,9 x 243,8 cm)

GAA
3/4" GAUGE
BLOCK

x4

2" (5,1 cm)

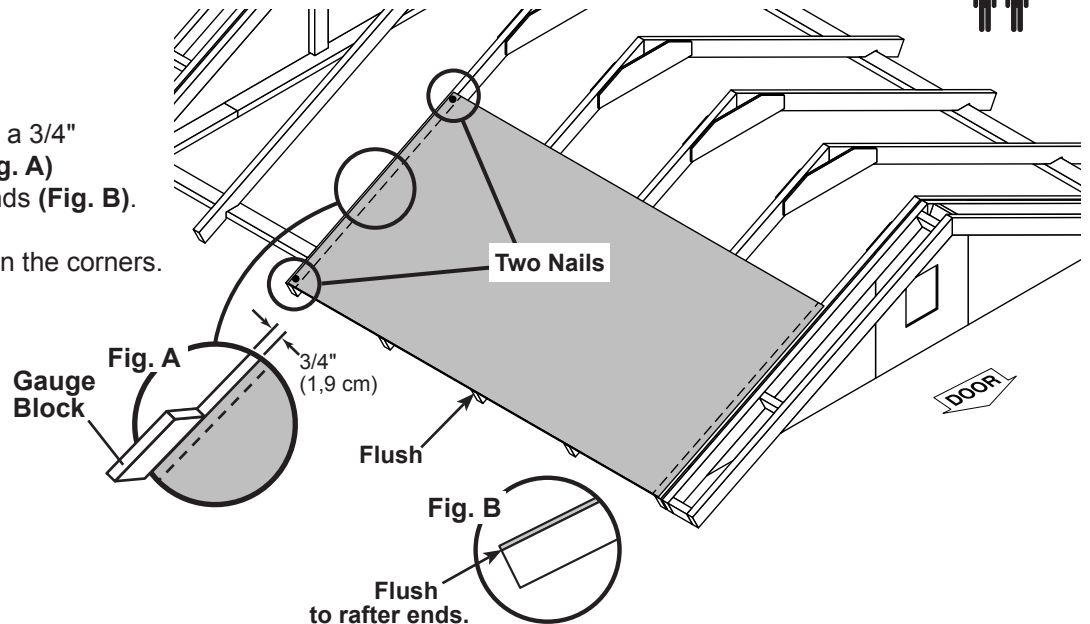### *Install all roof panels with the rough side (painted grid lines) facing up.*

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

✓ **BEGIN**

1

Install (1) **48" x 96"** panel with a 3/4"
measurement on the rafter **(Fig. A)**
and the panel flush to rafter ends **(Fig. B)**.

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

Two Nails

Fig. A

**Gauge
Block**

3/4"
(1,9 cm)

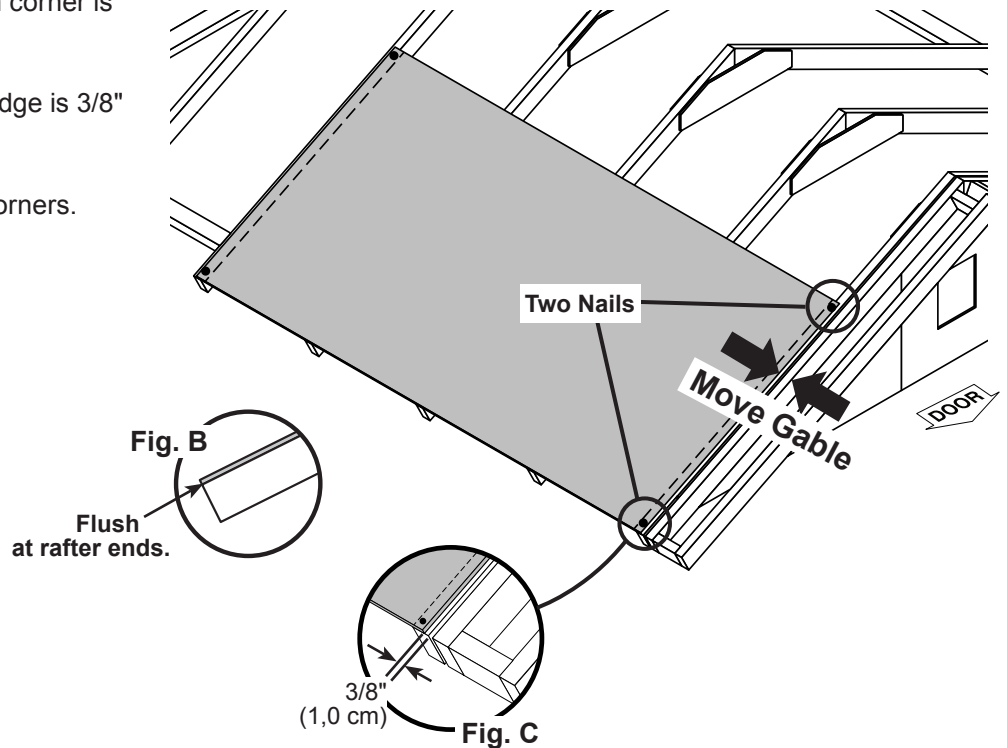**Flush**

Fig. B

**Flush
to rafter ends.**

DOOR

2

Move to the opposite end.
Using the long edge of the panel as a lever, move
the panel side-to-side until the bottom corner is
flush to rafter end **(Fig. B)**.

Move the gable until the end rafter's edge is 3/8"
from the edge of the panel **(Fig. C)**.

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

Two Nails

Move Gable

DOOR

Fig. B

**Flush
at rafter ends.**
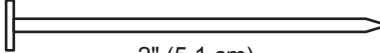
3/8"
(1,0 cm)

Fig. C

10' x 16' ROOF PANELS

PARTS REQUIRED:

x1   7/16 x 27-1/4 x 48"
(1,1 x 69,2,9 x 121,9 cm)

x1   7/16 x 47-7/8 x 48"
(1,1 x 121,6 x 121,9 cm)
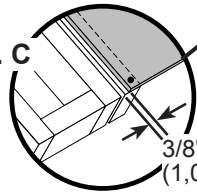
x13   2" (5,1 cm)

3

Install (1) **27-1/4" x 48"** panel flush to installed panel, and the panel flush to rafter ends **(Fig. B)**.

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

Move Gable

Move Rafter

47-7/8" x 48"

Flush

Fig. C

3/8"
(1,0 cm)

Flush

27-1/4" x 48"

Flush

Two Nails

DOOR

4

Move to the opposite end.
Move the panel side-to-side until the bottom corner is flush to rafter end **(Fig. B)**.
Secure panel with (1) 2" nail in the corner.

Move the rafter until the panel's edge measures 3/4" on the rafter **(Fig. A)**.
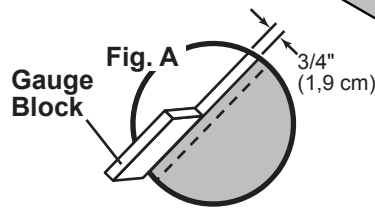Secure panel with (1) 2" nail in the upper corner.

Fig. A

Gauge Block

3/4"
(1,9 cm)

Fig. B

**Flush
at rafter ends.**

5

Install (1) **47-7/8" x 48"** panel flush to installed panel, and flush to rafter ends **(Fig. B)**.
Secure panel to the rafter with (2) 2" nails in the corners.
At the opposite end of panel, move the gable until the end-rafter's edge is 3/8" from the edge of panel **(Fig. C)**.
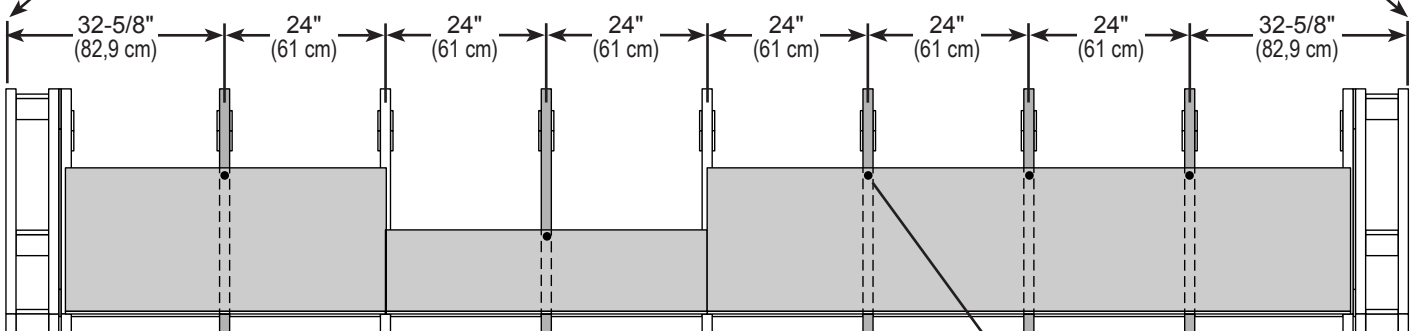Secure panel with (2) 2" nails in the corners.

6

Maintain spacing between the centers of the rafters and to the outside of the gable frame **(Fig. D)**.
Secure panels with (1) 2" nail in each rafter.

Fig. D

NOTE: Measurements to outside of gable frame.

| 32-5/8"
(82,9 cm) | 24"
(61 cm) | 24"
(61 cm) | 24"
(61 cm) | 24"
(61 cm) | 24"
(61 cm) | 24"
(61 cm) | 32-5/8"
(82,9 cm) |

2" (5,1 cm) Nails

10' x 16' ROOF PANELS

PARTS REQUIRED:

x1 7/16 x 47-7/8 x 48"
(1,1 x 121,6 x 121,9 cm)

x3 7/16 x 27-1/4 x 48"
(1,1 x 69,2,9 x 121,9 cm)

x20 2" (5,1 cm)

GAA 3/4" GAUGE BLOCK

7

Install (1) **47-7/8" x 48"** roof panel flush to installed panels.

Ensure 3/4" measurement at top of the (inner) rafter **(Fig. A)**. ⚠

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

Move Gable

3/4" (1,9 cm)

Fig. A

Gauge Block

27-1/4" x 48" **Flush**

Flush

3/8" (1,0 cm)

Gable End Rafter

Fig. C

47-7/8" x 48" **Flush**

Flush

Flush

27-1/4" x 48"

27-1/4" x 48"

8

Install (3) **27-1/4" x 48"** roof panels flush to installed panels.

Secure the panels with (1) 2" nail in each bottom corner.

9

Maintain spacing between the centers of the rafters **(Fig. D)**.

If necessary, move the gable until the end rafter's edge is 3/8" from the edge of the panel **(Fig. C)**.

Secure panels with (1) 2" nail in each corner and rafter, as shown.

3/8" (1,0 cm)

Fig. C

Gable End Rafter

Fig. D

| 3/8" (1,0 cm) | 24" (61 cm) | 24" (61 cm) | 24" (61 cm) | 24" (61 cm) | 24" (61 cm) | 24" (61 cm) | 3/8" (1,0 cm) |

2" (5,1 cm) Nails

10' x 16' ROOF PANELS

PARTS REQUIRED:

x2 7/16 x 8-5/8 x 48"
(1,1 x 21,9 x 121,9 cm)

x2 7/16 x 8-5/8 x 27-1/4"
(1,1 x 21,9 x 69,2 cm)

x317 2" (5,1 cm)

10

Install (2) **8-5/8" x 27-1/4"** panels flush to lower ends of gable frame and rafter, and flush to outside edge of gable frame.
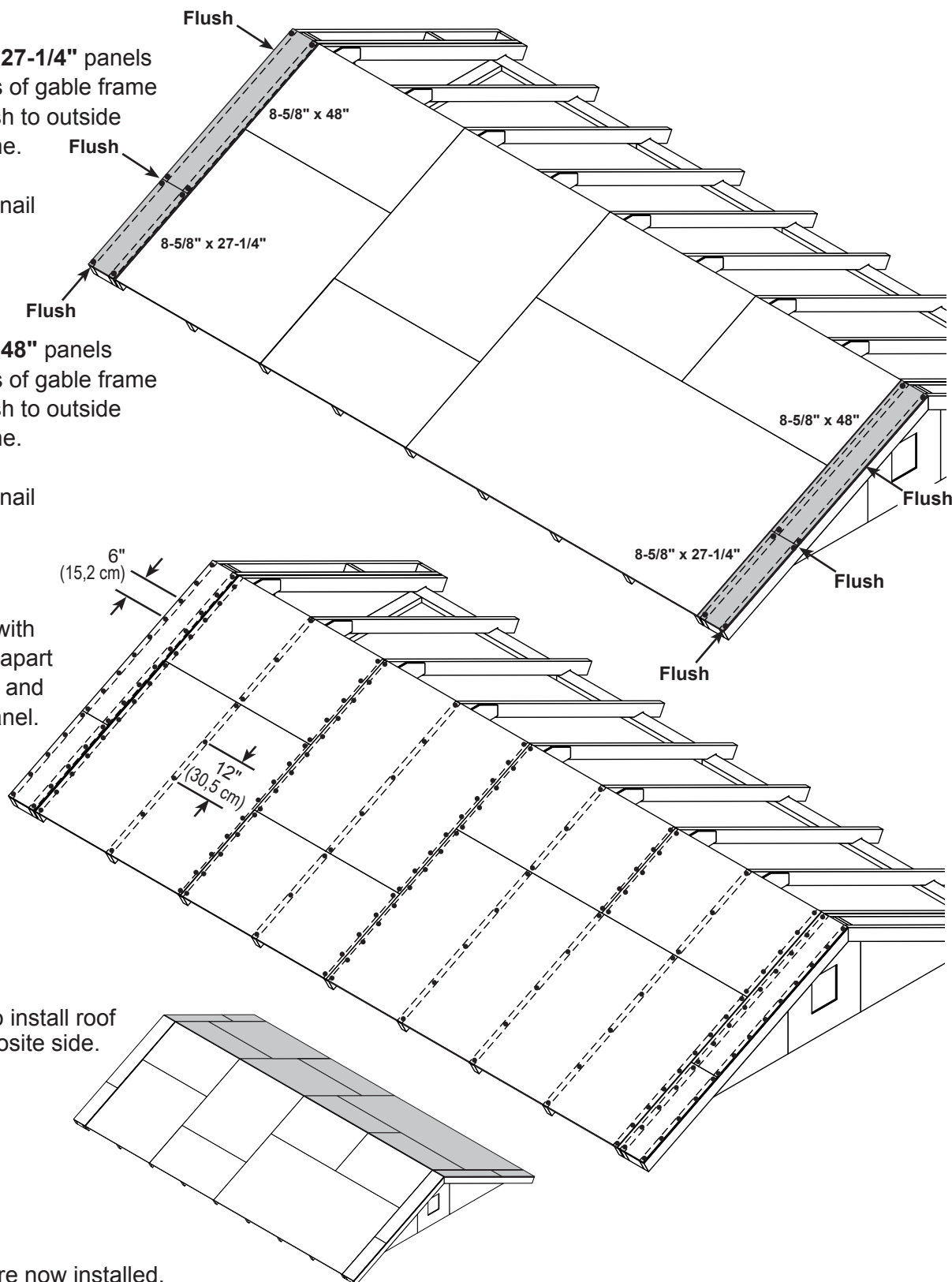
Secure with (1) 2" nail in each corner.

Flush
Flush
8-5/8" x 48"
8-5/8" x 27-1/4"
Flush

11

Install (2) **8-5/8" x 48"** panels flush to lower ends of gable frame and rafter, and flush to outside edge of gable frame.

Secure with (1) 2" nail in each corner.

8-5/8" x 48"
Flush
8-5/8" x 27-1/4"
Flush
Flush

12

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

6" (15,2 cm)

12" (30,5 cm)

Repeat all steps to install roof panels on the opposite side.

🏁 **FINISH**

Your roof panels are now installed.

58

GABLE SOFFIT PANELS

PARTS REQUIRED:

x4

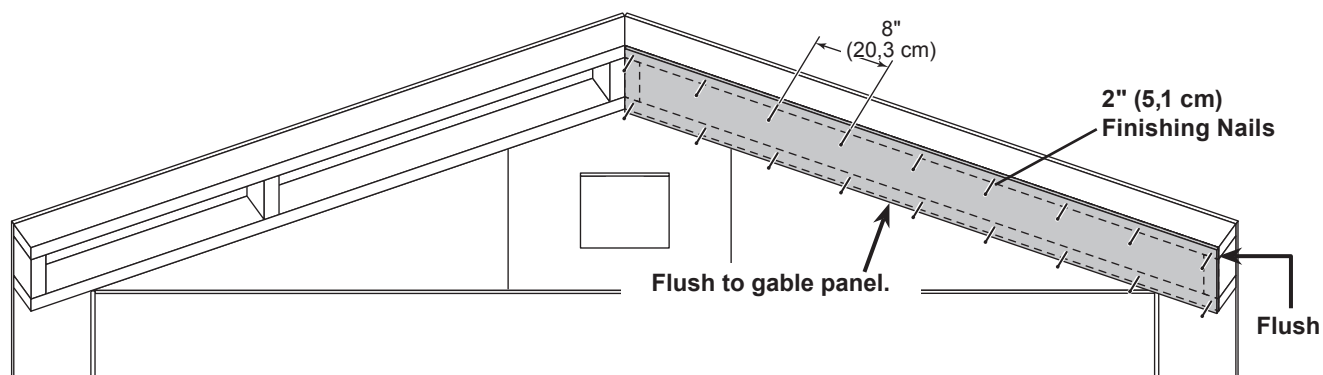3/8 x 7-7/8 x 73-5/16" (1 x 20 x 186,2 cm)
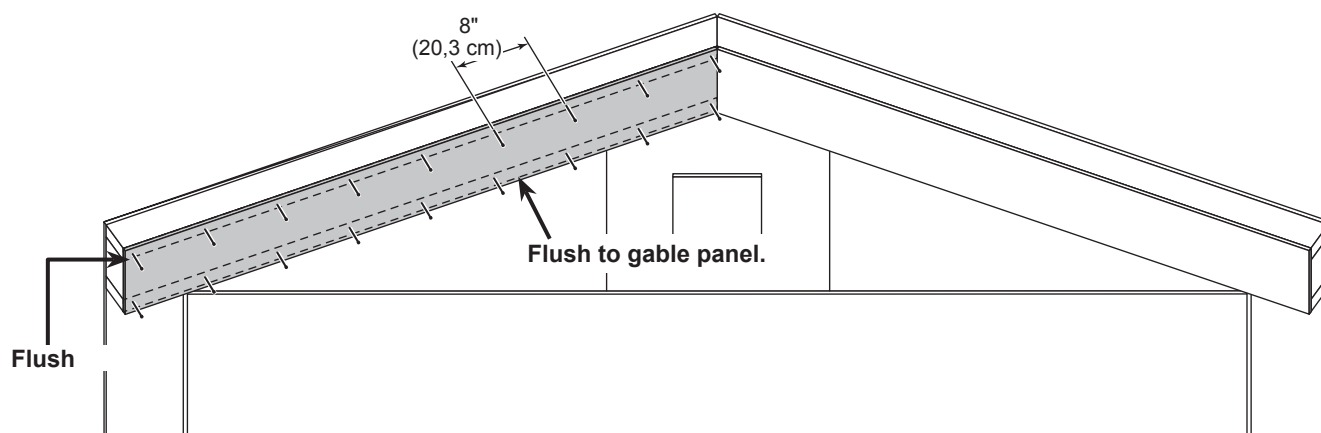
x72 2" (5,1 cm)

Install all soffit panels with the primed side facing out.

✓**BEGIN**

1 Position right **73-5/16"** soffit panel flush to gable panel and flush to gable end.
Secure with 2" finishing nails spaced evenly.

8"
(20,3 cm)

**2" (5,1 cm)
Finishing Nails**

Flush to gable panel.

Flush

2 Position left **73-5/16"** soffit panel flush to gable panel and flush to gable end.
Secure with 2" finishing nails spaced evenly.

8"
(20,3 cm)

Flush to gable panel.

Flush

Repeat steps to install soffit boards on opposite side.

🏁**FINISH**

You have finished installing your soffit panels.

EAVE SOFFIT PANELS 10'x12'

PARTS REQUIRED:

x32 ▭━━━━━━━▷
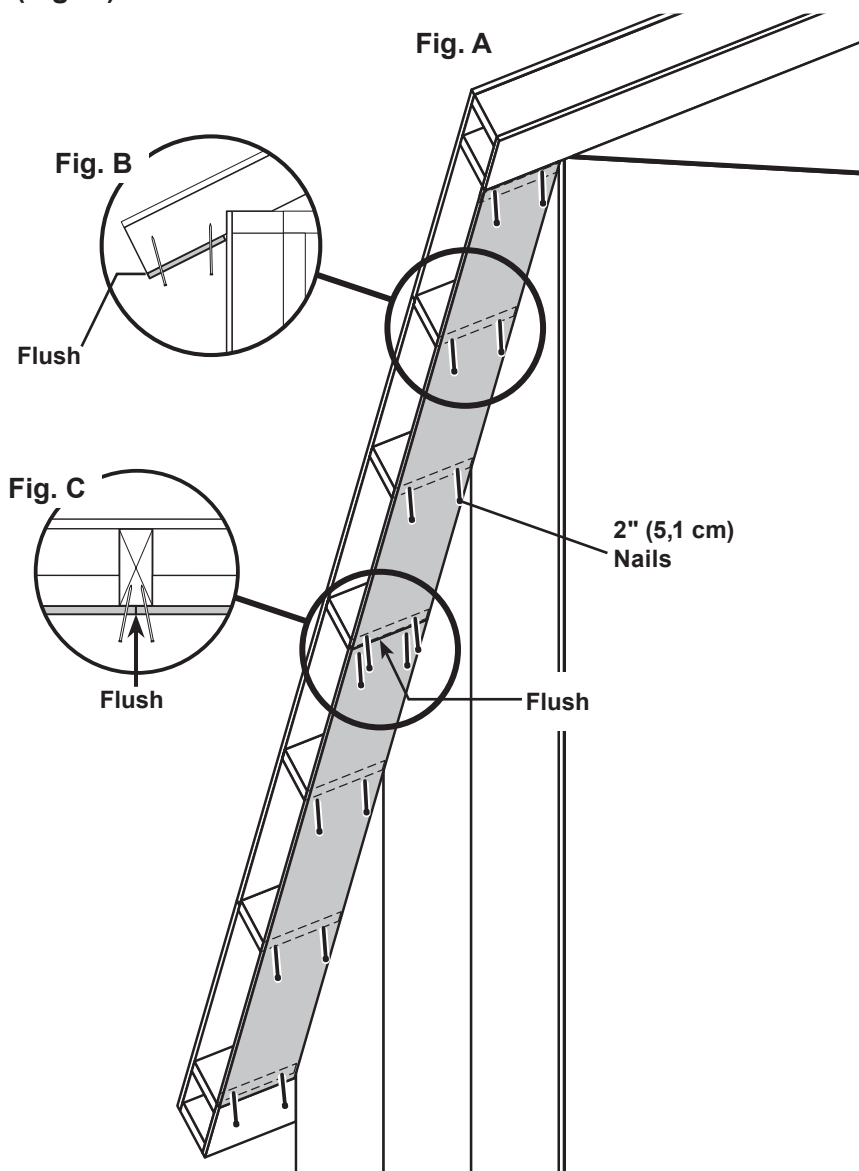2" (5,1 cm)

x4 ▭▭▭▭▭▭▭▭
3/8 x 5-7/8 x 72-3/4" (1 x 14,9 x 184,8 cm)

Install all soffit panels with the primed side facing out.

✓**BEGIN**

1 Install (2) **72-3/4"** soffit panels flush at seamm **(Fig A)**.

Secure with 2" finishing nails, (2) in each rafter and (4) at seam.

Angle nails at seam **(Fig. C)**.

Fig. A

Fig. B

Flush

Fig. C

2" (5,1 cm)
Nails

Flush

Flush

Repeat steps to install eave soffit panels on opposite side.

🏁**FINISH**

You have finished installing your eave soffit panels.

PARTS REQUIRED:

x44 — 2" (5,1 cm)

x4 — 3/8 x 5-7/8 x 72-3/4" (1 x 14,9 x 184,8 cm)

x2 — 3/8 x 5-7/8 x 48" (1 x 14,9 x 121,9 cm)
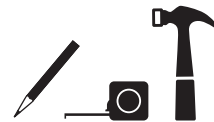
Install all soffit panels with the primed side facing out.

✓BEGIN

1

Install (1) **48"** soffit panel centered between 4th and 6th rafters **(Fig A)**.

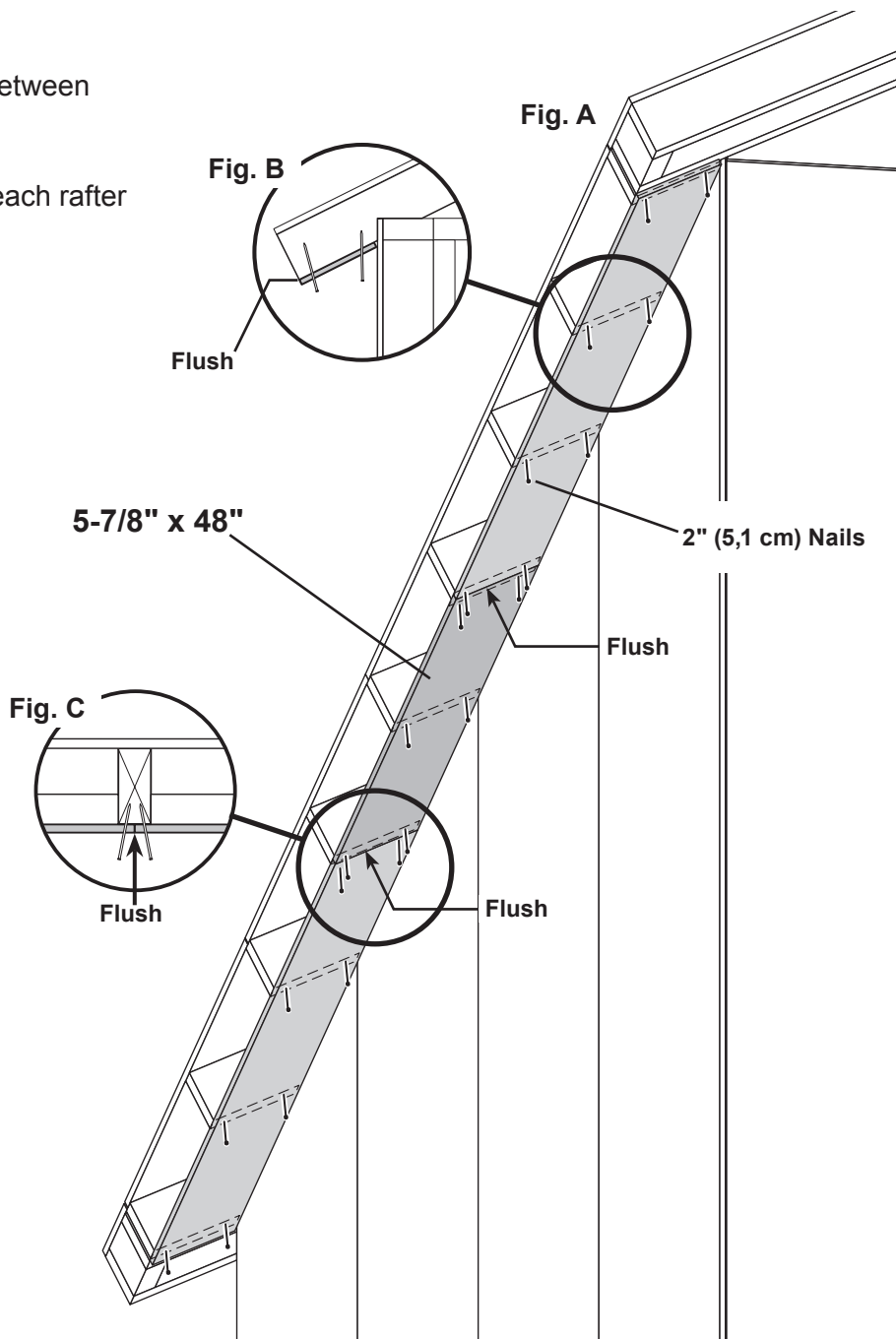Secure with 2" finishing nails, (2) in each rafter **(Fig B)**.
Angle nails at seams **(Fig. C)**.

2

Install (2) **72-3/4"** soffit panels flush to installed panel **(Fig A)**.

Secure with 2" finishing nails, (2) in each rafter **(Fig B)**.
Angle nails at seams **(Fig. C)**.

Fig. A

Fig. B

Flush

5-7/8" x 48"

2" (5,1 cm) Nails

Flush

Fig. C

Flush

Flush

Repeat to install eave soffit panels on opposite side.

FINISH

You have finished installing your eave soffit panels.

61
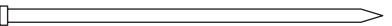
GABLE FASCIA

PARTS REQUIRED:

x32 ⌐━━━━━━━━━━━━━━━━⊐
2" (5,1 cm)

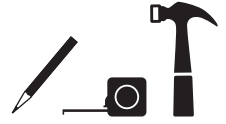**x2** **Painted Red**
3/8 x 4-3/4 x 75-7/8" (1 x 12,1 x 192,7 cm)

x2 **Painted Green**
3/8 x 4-3/4 x 75-7/8" (1 x 12,1 x 192,7 cm)

Install all trim with the primed side facing out.

✓**BEGIN**

1 Position fascia with **primed side out** and flush to peak and roof panels as shown **(Fig. A, Fig B)**. Secure with 2" finishing nails spaced evenly as shown.

Flush

Fig.A

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

Flush at peak.

SPACED EVENLY

2" (5,1 cm) Finishing Nails

Flush with top of roof panels.

Fig.B
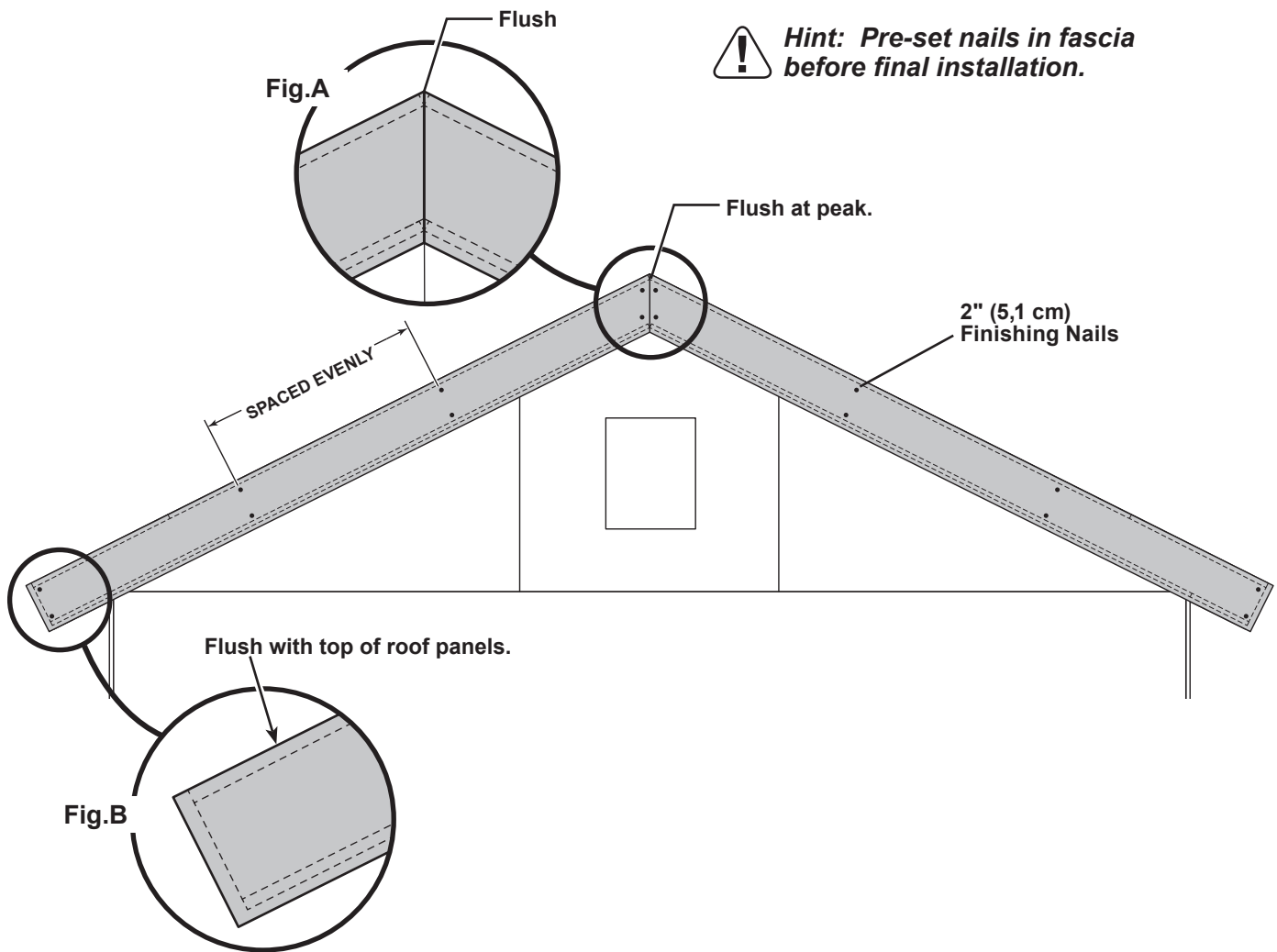
Repeat to install fascia on opposite side.

🏁**FINISH**
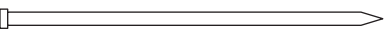
Your gable fascia boards are now installed.

PARTS REQUIRED:

x52 2" (5,1 cm)

x4

3/8 x 4-3/4 x 80-5/8" (1 x 12,1 x 204,8 cm)
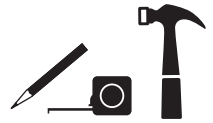
Install all trim with the primed side facing out.

✓**BEGIN**

1 Install (2) **4-3/4" x 80-5/8"** fascia boards flush with roof panels and flush to center seam **(Fig. A, Fig. B)**.
Secure with 2" finishing nails, (2) in each rafter and (4) nails at seam **(Fig B)**.
Angle nails at seam.

Fig. B

Flush

Flush

Flush

Flush with roof panel.

2" (5,1 cm) Finishing Nails

Fig. A
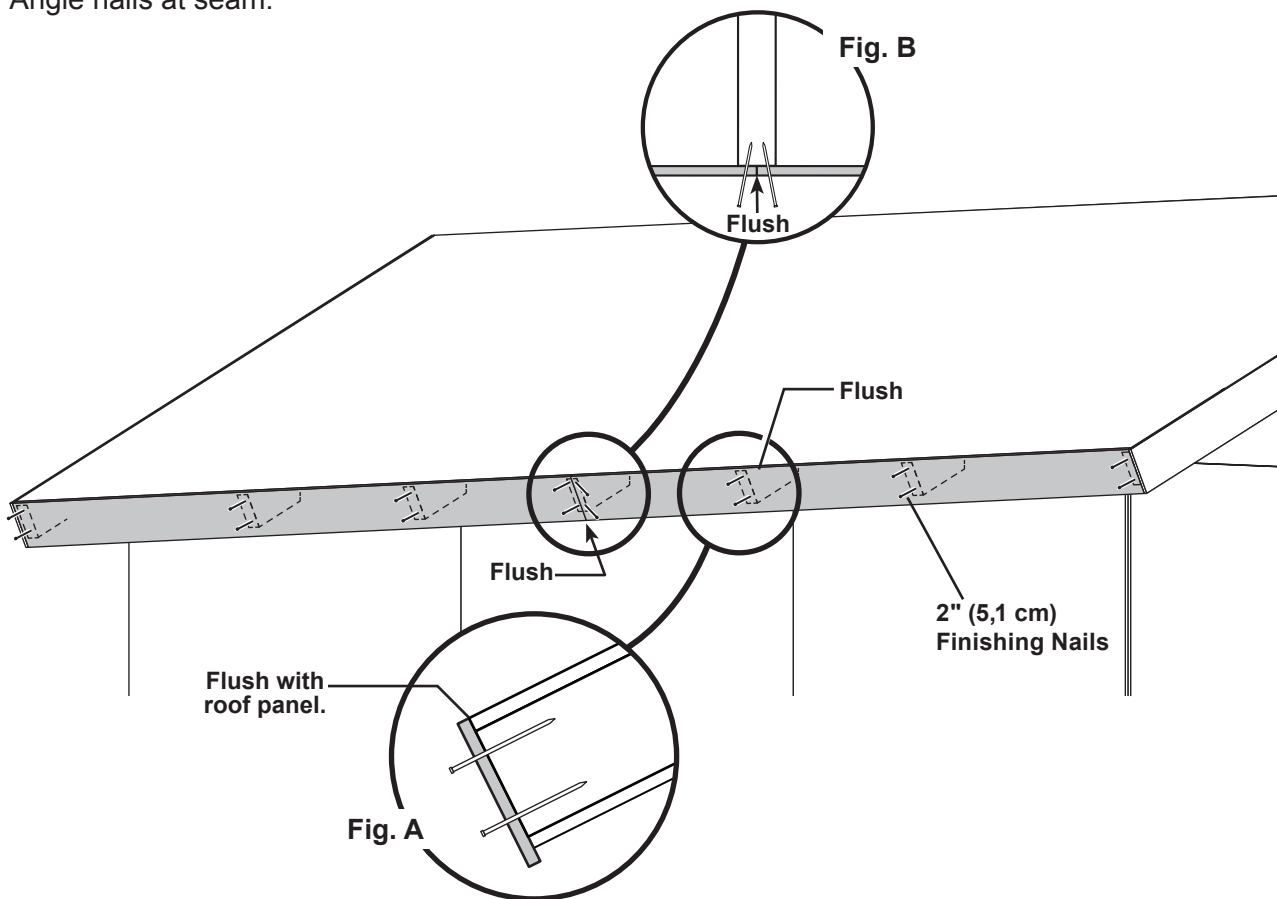
Repeat steps to install fascia on opposite eave.

🏁**FINISH**

Your eave side fascia boards are now installed.

DOORS

PARTS REQUIRED:

x1   x1

x4 ⟶ 3" (7,6 cm)

x2 ⟶ 1-5/8" (4,1 cm)

x1 **GAA**
1 x 3 x 5" (2,5 x 7,6 x 12,7 cm)

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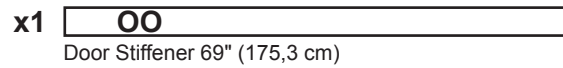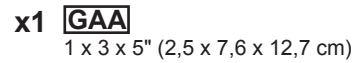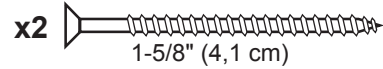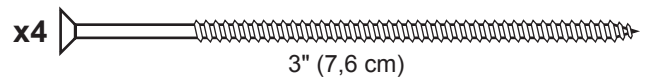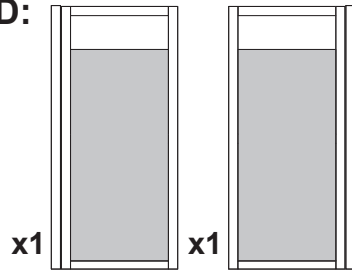
✓**BEGIN**

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

2 Attach temporary support **OO** with 3" screws in middle and at ends, as shown.

3 Attach temporary support **GAA** with (2) 1-5/8" screws.

GREEN   **RED**

⚠ **OFFSET** 3/8"
(1 cm)

3/8"
(1 cm)

3/8" **OFFSET** ⚠
(1 cm)

(4) 3" (7,6 cm)
Screws

OO

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

GAA

Bottom edges flush.

3/8"
(1 cm)

64
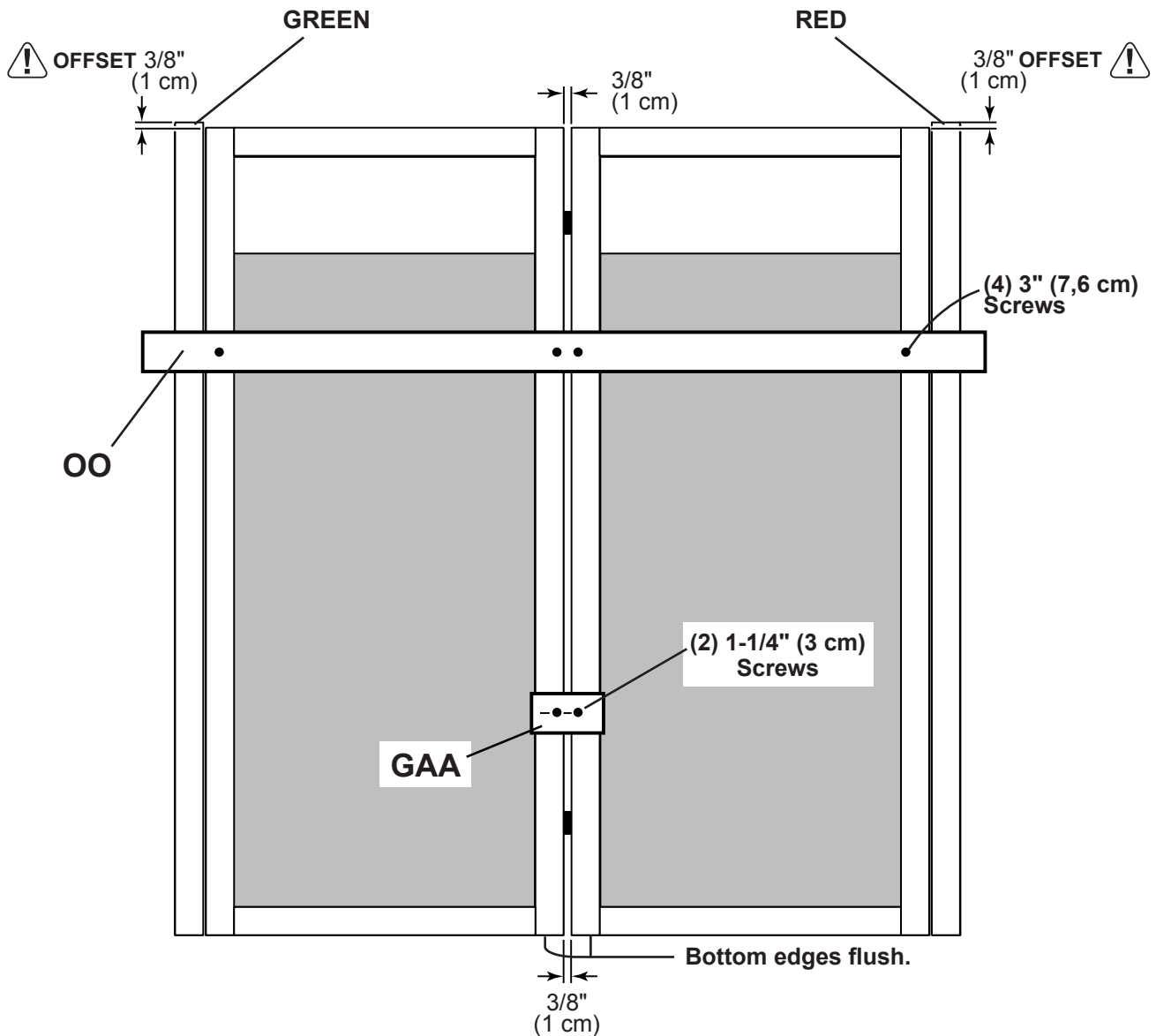
DOORS

PARTS REQUIRED:

x12 3" (7,6 cm)

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

4 Install temporary support **OO** as a ledger board flush under wall panels for doors to rest on. Secure with (2) 3" screws **(Fig. A)**.

Flush against wall panels.

Fig. A

OO

OO
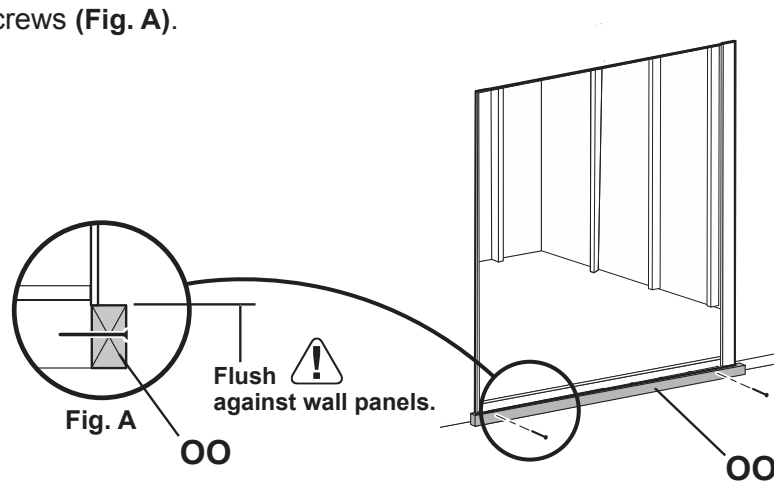
5 Center doors on panel seam, as shown **(Fig. B)**.

6 Screw hinge boards into wall supports and floor with (10) 3" screws, as shown.
Make sure screws go into framing and floor (Fig. C, D).

SEAM

Fig. B

3/8"
(1 cm)

Fig. C

3" (7,6 cm)
Screws into the wall support and floor frame.

Angle 3" (7,6 cm) Screw

Fig. D
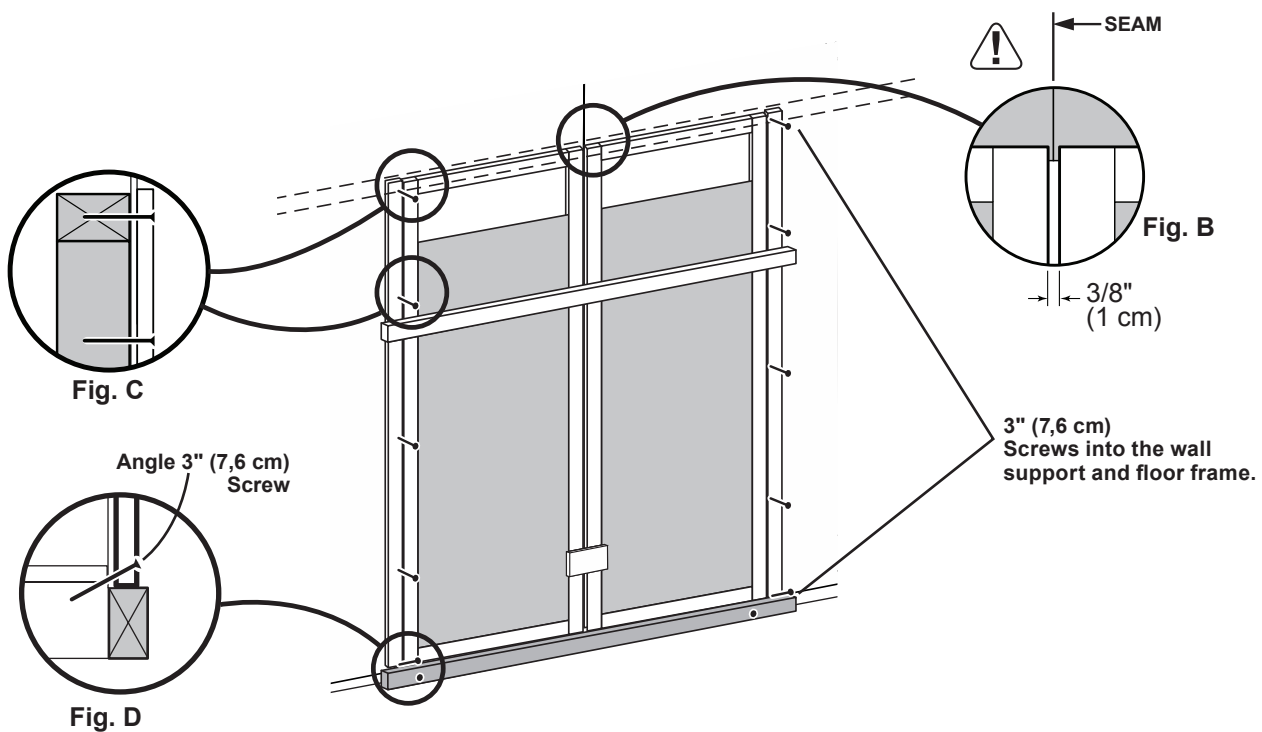
FINISH

You have finished installing your doors.

Remove temporary support and ensure that the doors open properly.

65
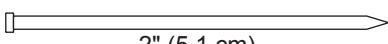
DOOR TRIM

PARTS REQUIRED:

x4 | AH
19/32 x 3 x 26-5/8" (1,5 x 7,6 x 67,6 cm)

x1 | ZJ
19/32 x 3 x 72" (1,5 x 7,6 x 183 cm)

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

x1 64" Metal Threshold

x5 2" (5,1 cm)

x56 3/4" (1,9 cm)

√**BEGIN**

1 Secure door trim from inside using 3/4" screws **(Fig. A)**.

2 Secure two horizontal door rails **AH** with (4) 3/4" screws from behind to center of doors.

3 Reinforce the door trim with 3/4" screws through door panel into trim **(Fig. A)**.
Locate screws as shown **(Fig. B)**.

4 Center trim **ZJ** over doors and secure using five 2" finish nails into wall framing.

3/4" (1,9 cm)
Screws from behind.

Door Panel

Fig. A

Door Trim

CENTER   **2" (5,1) Nails x5**   **Nail into framing.**

ZJ

⚠ Install **AH** flush to bottom of window opening.

AH

AH

8-3/4" (22,2 cm)

CENTER **CENTER**

AH

AH

11-1/4" (28,6 cm)

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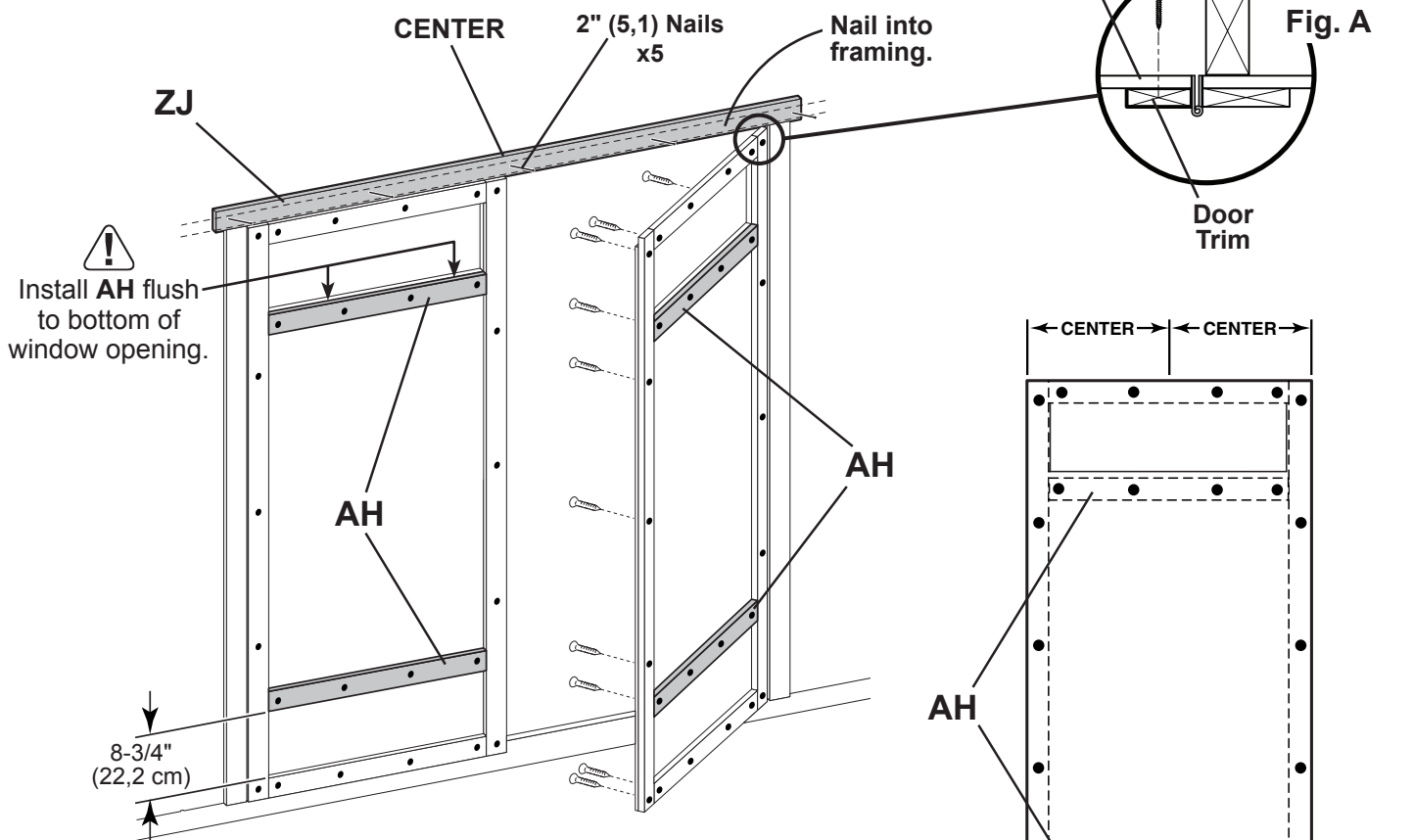
5 Center metal threshold between doors.
secure using eleven 3/4" special coating screws (**Fig, C**).

(11) Special Coating Screws

Fig. C

⬧**FINISH**
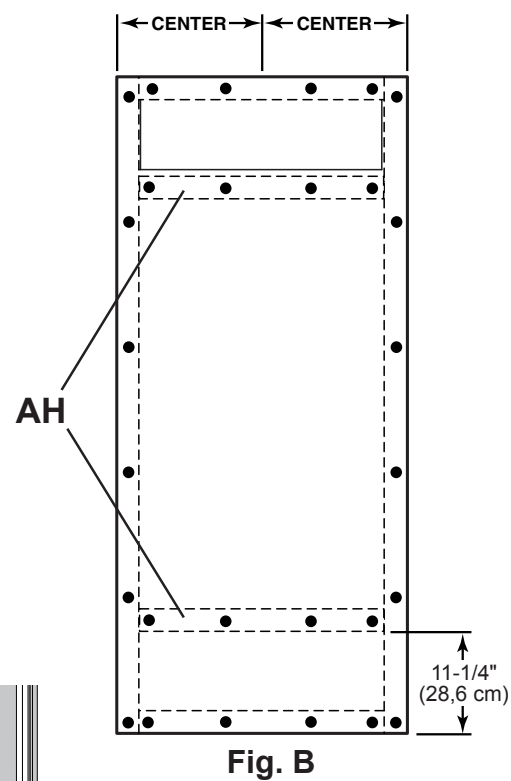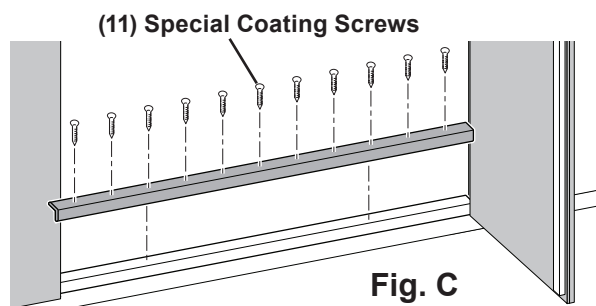
Your door and trim are now secured

66

DOOR TRANSOM WINDOWS

PARTS REQUIRED:

x2 — Transom Window

x8 — 3/4" (1,9 cm)
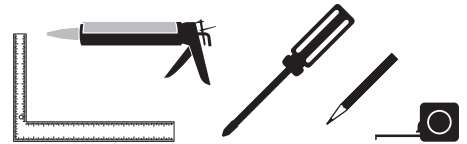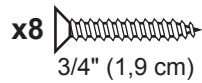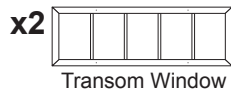
✓ BEGIN

1 Apply high quality exterior-grade caulk behind frame near edge before installing to seal window.

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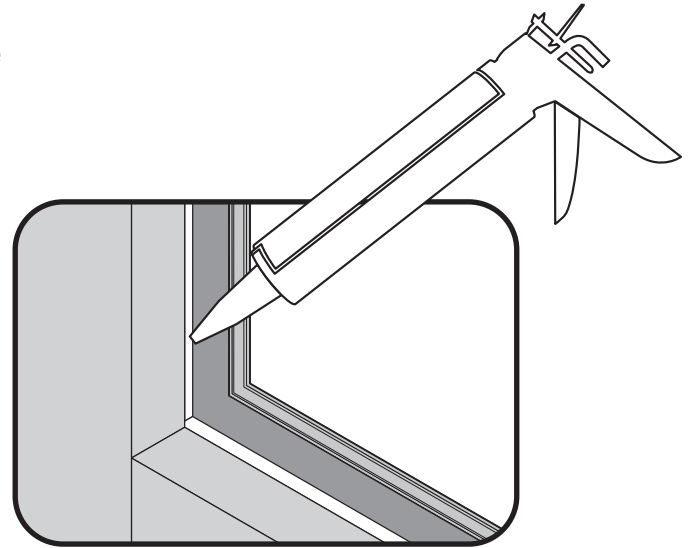
FRONT SIDE VIEW

2 From back side of door, measure 15-13/16" from inside edge of door.
Mark center of window opening on door.

Position window in opening flush to bottom of window opening. Center window on mark.

Secure with (4) screws to secure each window.

15-13/16"

Center window on mark

3/4" (1,9 cm) Screws x8
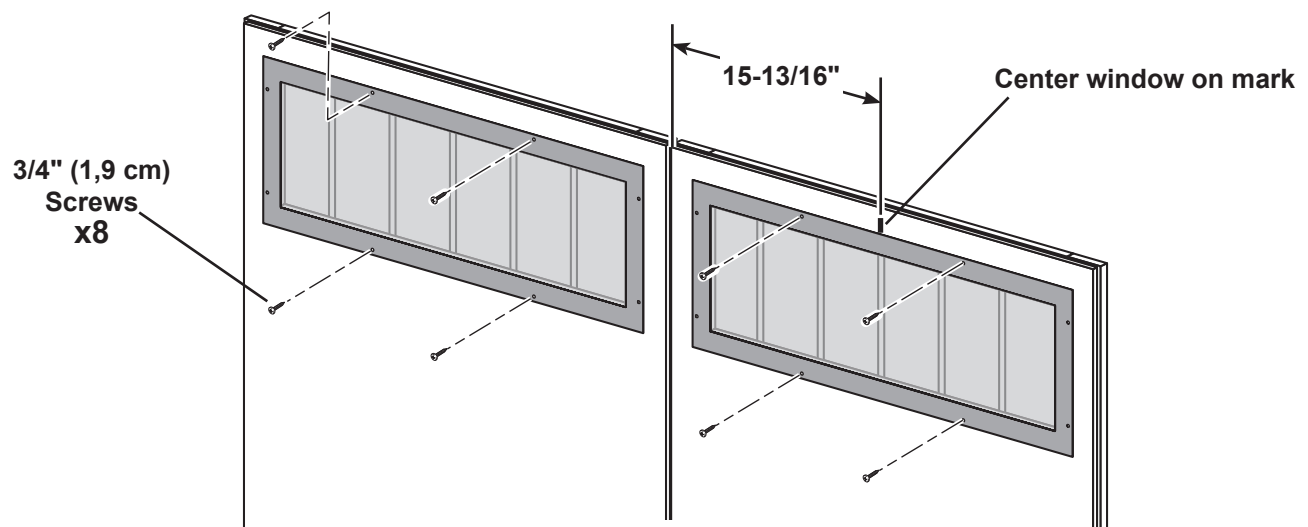
BACK SIDE OF DOORS

🏁 FINISH
Your transom windows are installed.

DOOR STIFFENERS

PARTS REQUIRED:

x14 2" (5,1 cm)

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

✓**BEGIN**

1 Center **OO** vertically on the left door in the door opening flush with the edge of door **(Fig. A)**.

2 Secure with (7) 2" screws through outside trim into **OO (Fig. B)**

Repeat steps to install **OO** on right door.

OO x2

Fig. B

Center OO in door opening.

Fig. A

⚠ **IT IS IMPORTANT TO HOLD THESE DIMENSIONS**

3/4" (19 mm)

Hold OO tight against window glass.

3/4" (19 mm)

OFFSET

2" (5,1 cm) Screws

2" (5,1 cm) Screws x14

11" (27,9 cm) Approximately
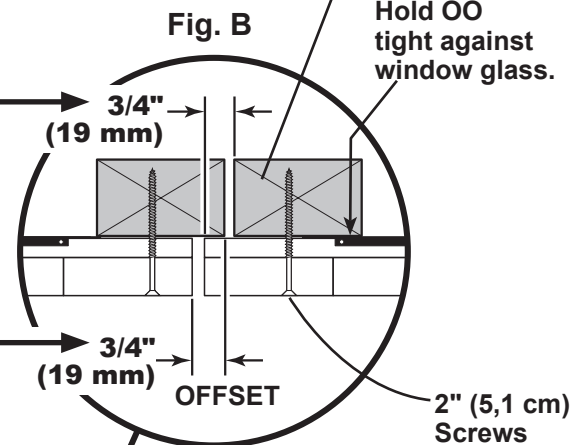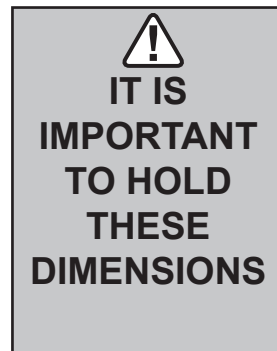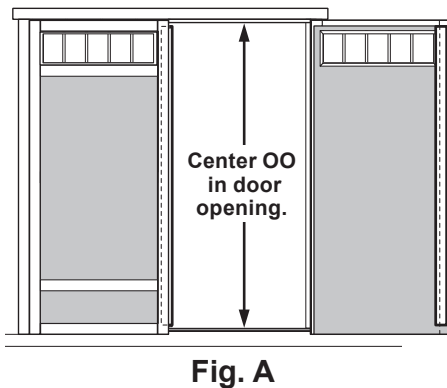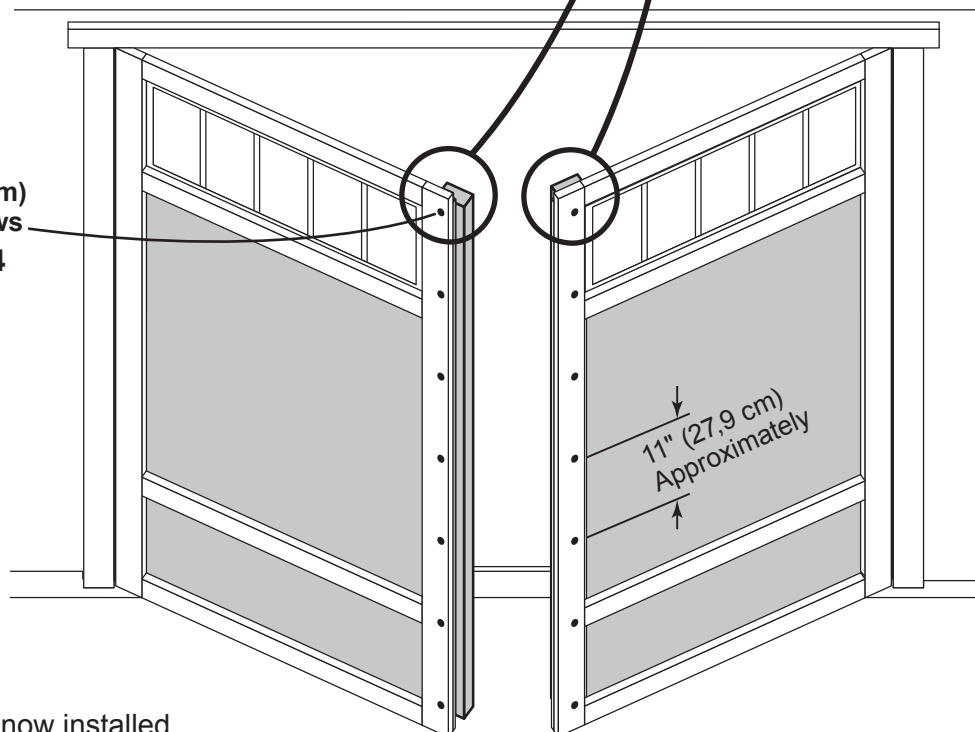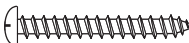
🏁**FINISH**
Your door stiffeners are now installed.

DOOR HARDWARE

PARTS REQUIRED: **x4**

x12
1" (2,5 cm)

1/2" (13 mm) Drill Bit
1/4" (6 mm) Drill Bit

✓**BEGIN**

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

2 Re-drill hole with 1/2" drill **(Fig. B)**.

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

Screws
3/4"
(1,9 cm)
x12

Flush

RIGHT DOOR.

Fig. A

Fig. B

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

1/2"
1,3 cm

SIDE VIEW

35-3/4"
(90 cm)

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

1/4" Pre-drill and
1/2" Drill-through
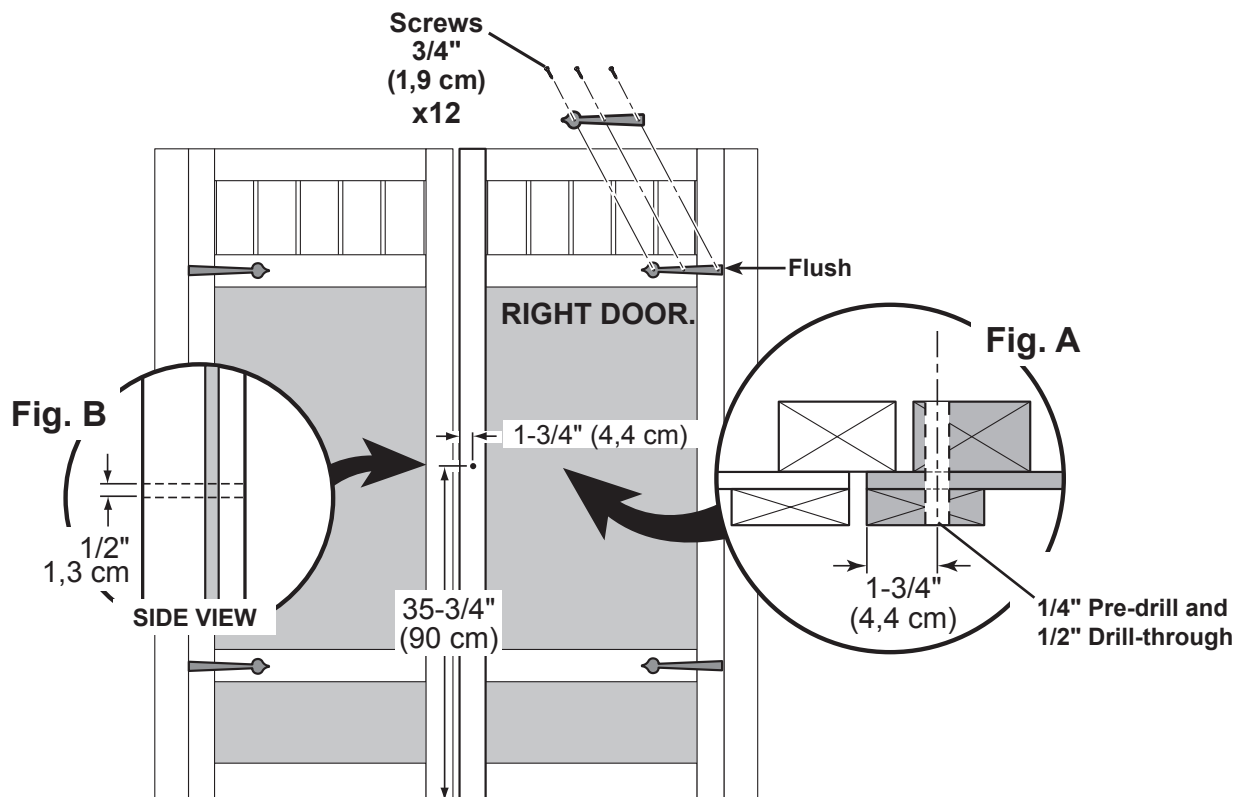
3 Install decorative hinges on horizontal trim and flush against hinge, as shown.

🏁**FINISH**
Your door is now prepared for handle installation.

69

DOOR HARDWARE

PARTS REQUIRED:

Handle (locking) with Screws
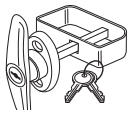
1-1/4" x2

☐ **x1**

1/2" (13 mm) Drill Bit

1/4" (6 mm) Drill Bit

Secure handle with 1-1/4" screws, as shown.

Set Screw

RIGHT DOOR

1-1/4" Wood Screws
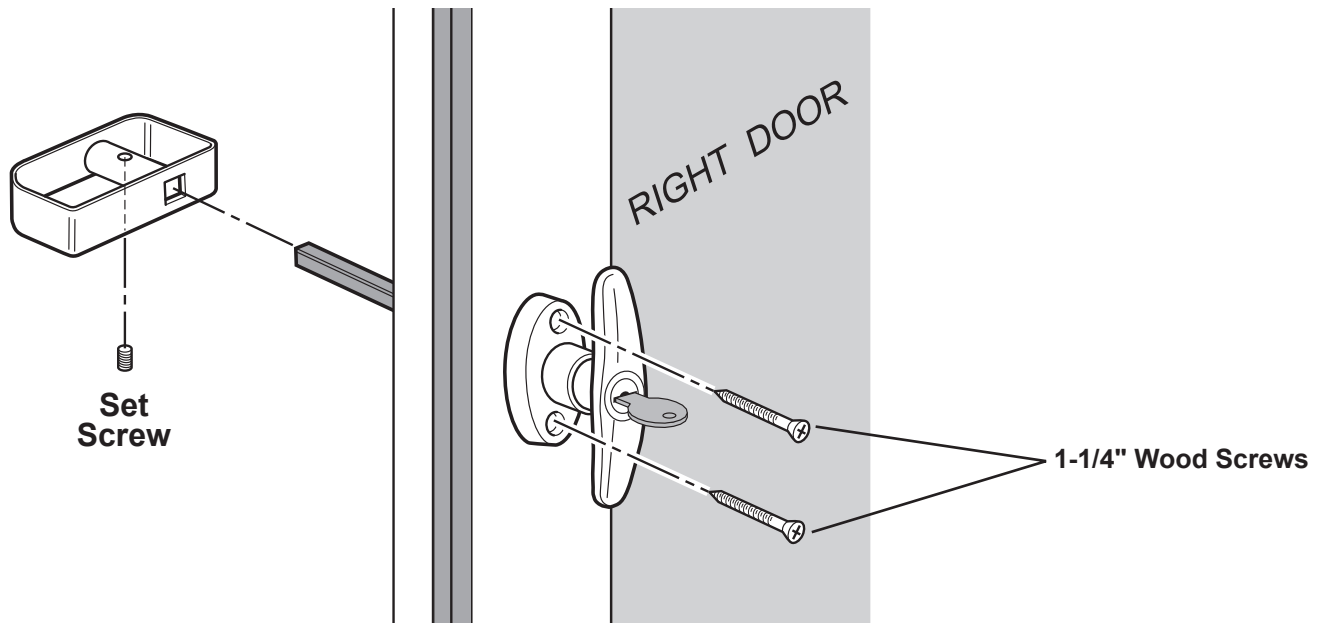
DOUBLE DOOR HARDWARE

PARTS REQUIRED:

x2

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

3/8" BIT
(9,5 mm)
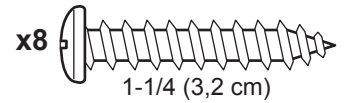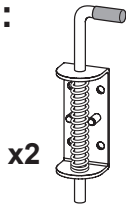
✓BEGIN

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

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

Fig. A

OVER DOOR FRAME

3/8" drill for bolt:
1-1/2" deep.

Flush

OO
69" (175,3 cm)
Door Stiffener

x4
1-1/4 (3,2 cm)

CENTER

LEFT DOOR

Fig. B

OO
69" (175,3 cm)
Door Stiffener

CENTER

x4
1-1/4 (3,2 cm)

Flush

FLOOR

3/8" drill for bolt:
1-1/2" deep.
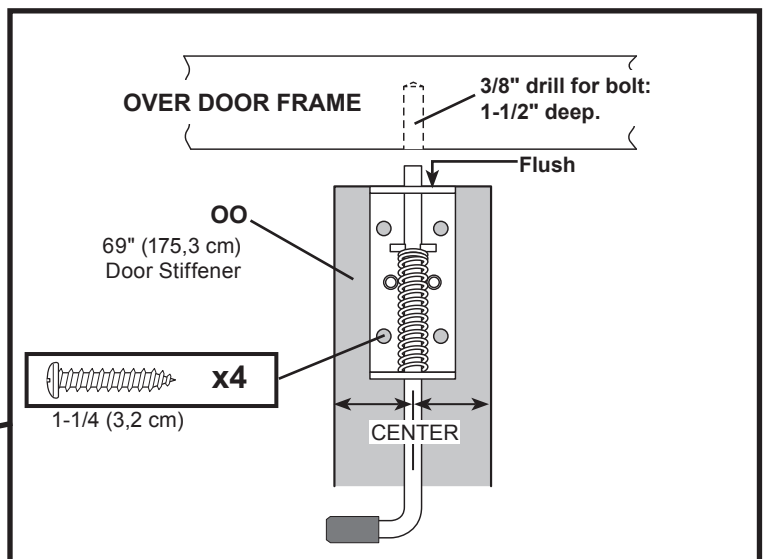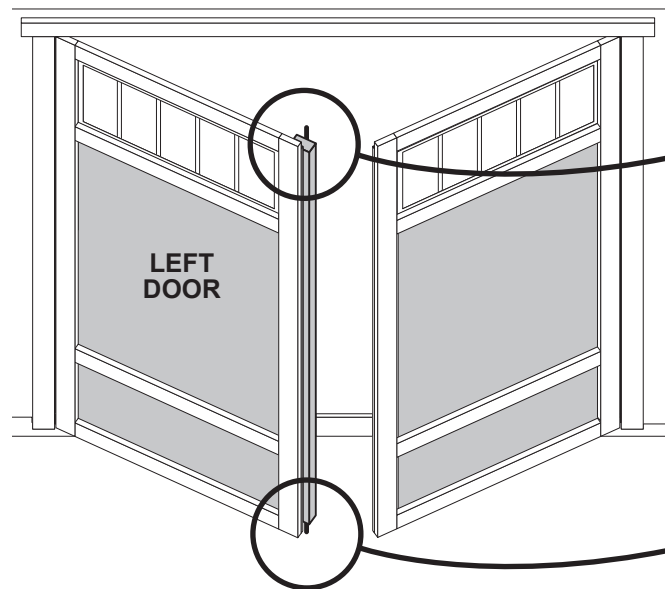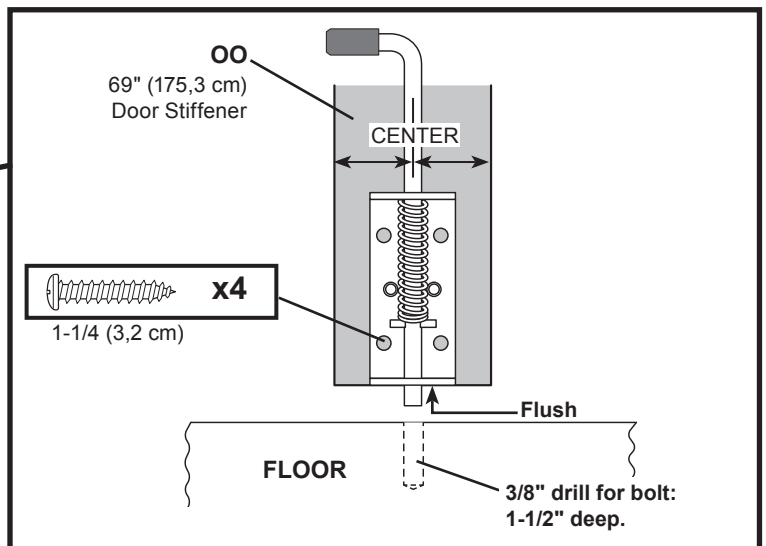
🏁FINISH

Your spring bolts are now installed.

CORNER TRIM

PARTS REQUIRED:

x4 3/8 x 1-3/4 x 82-1/2" (1 x 4,4 x 209,6 cm)

x4 3/8 x 1-3/4 x 81-7/8" (1 x 4,4 x 208 cm)

x64 2" (5,1 cm)
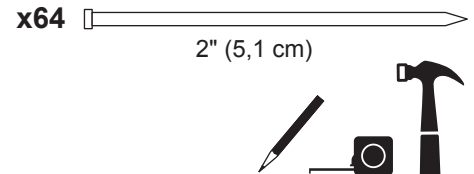
✓**BEGIN**

1 Install gable end **82-1/2"** corner trim flush to gable panel **(Fig. A)** and flush with eave wall panel **(Fig. B)**. Secure with 2" finishing nails spaced evenly.

2 Install eave side **81-7/8"** corner trim flush to eave soffit and flush along seam of installed corner trim **(Fig. C)**. Secure with 2" finishing nails spaced evenly.

Repeat steps to install trim to all four corners.

Fig. A

Flush to eave soffit

Flush to gable panel

81-7/8"

82-1/2"

82-1/2" on gable wall

81-7/8" on eave walls

Fig. B

Flush to eave panel

82-1/2"

82-1/2"

81-7/8"

Fig. C

81-7/8"

Seam is flush. Caulk seam before painting trim.

82-1/2"

🏁**FINISH**
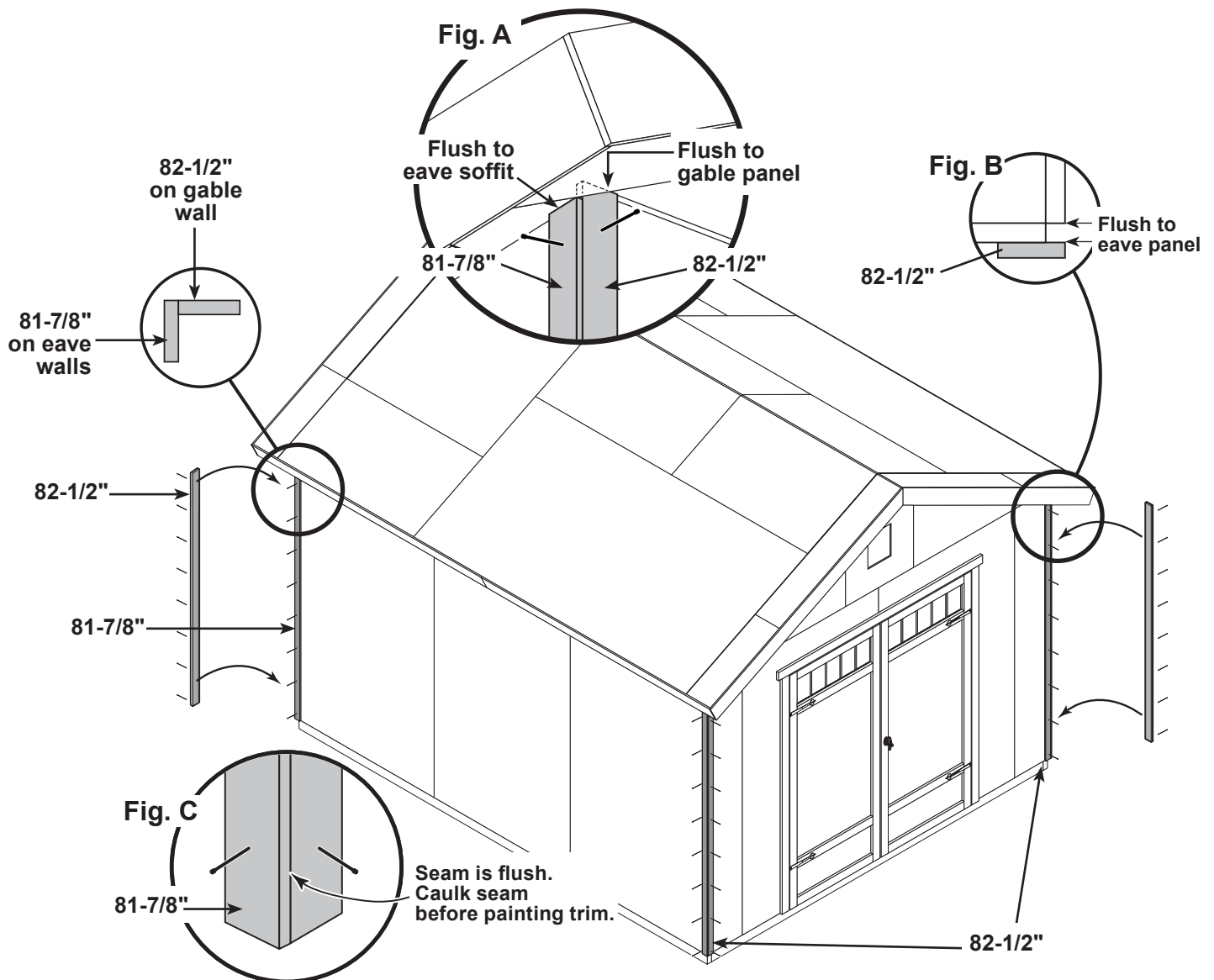
Your corner trim is now installed.

NOTE: 10' x 12' Model Shown.

72

COLLAR TIE INSTALLATION

10x12' 10x16'

PARTS REQUIRED:

HJ	x2	x3
1 x 3 x 72" (5,1 x 10,3 x 183 cm)		
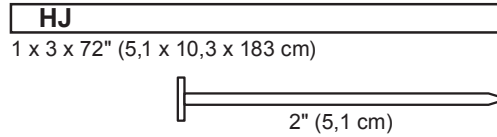
	x12	x18
2" (5,1 cm)		

BEGIN

1 Install collar tie to the rafter with (3) 3" nails at each end **(Fig. A)**.

Starting at the wall with the door,
install first collar tie on the 2nd rafter from the door wall
and then on *every other* rafter, as shown.

Fig. A

Flush to roof panel

2" (5,1 cm) Nails

10' x 12'

4th   **2nd**

DOOR WALL
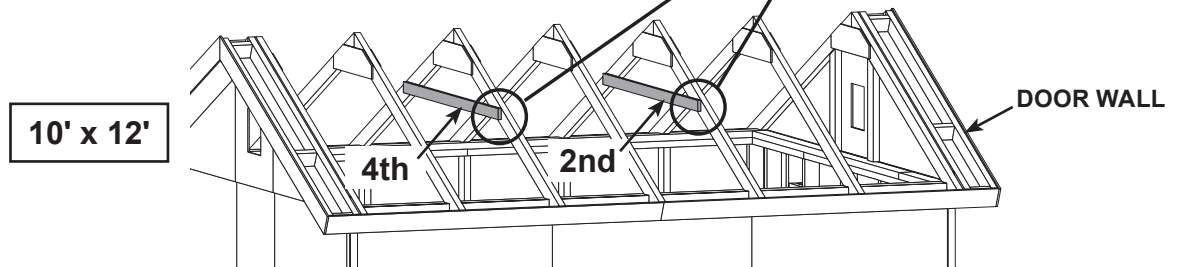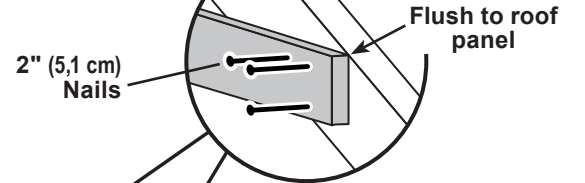
HINT:
For best appearance, install
collar ties on back side of rafter.

10' x 16'

6th   **4th**   **2nd**

DOOR WALL
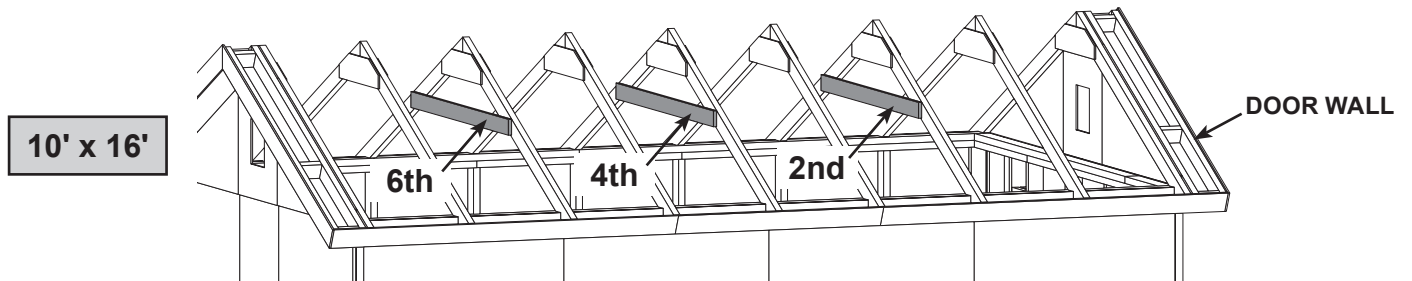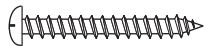
FINISH
Your collar ties are now installed.

GABLE VENTS

PARTS REQUIRED:

x2
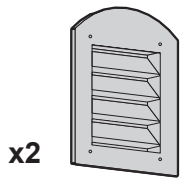
x8 #8 x 1" (2,5 cm)
Pan Head Screws

BEGIN

1 Locate vent in the gable wall, as shown.

Seal vent from behind with exterior grade caulk before installing.

Secure vent with 1" screws.

Repeat to install 2nd vent in the opposite gable.

**#8 x 1" (2,5 cm)
Pan Head Screws**
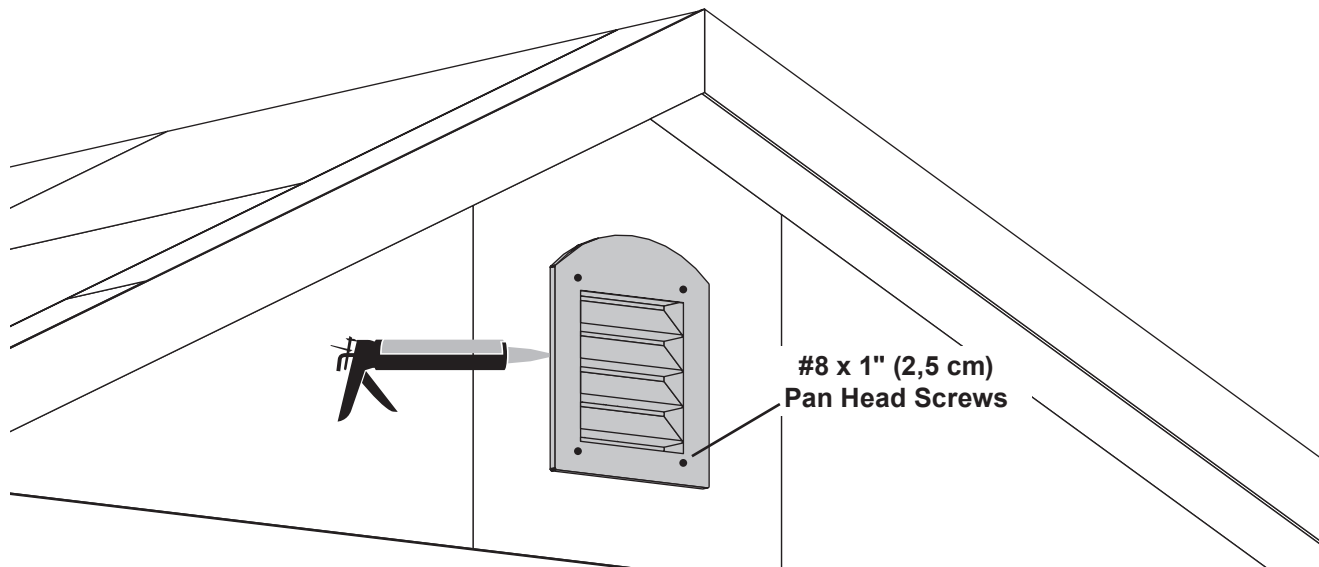
FINISH

Your vents are now installed.

PAINT & CAULK
- NOT INCLUDED -

- Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.

- Use a high quality exterior acrylic latex paint. When painting your building, there are a few key areas that can be easily overlooked that must be painted:
    - Bottom edge of all siding and trim
    - Inside of doors and all 4 edges

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

ROOF FELT
- NOT INCLUDED -

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

OK to overlap at ridge.

3" OVERLAP

Flush

Flush
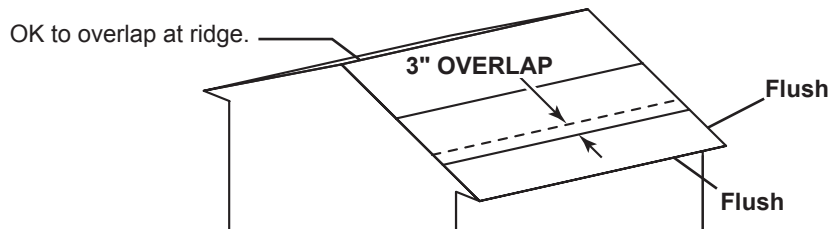
DRIP EDGE
- NOT INCLUDED -

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

Roof Felt

Drip Edge

Drip Edge

Fig. A

Edge flush to trim.

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

(Follow directions provided by manufacturer.)
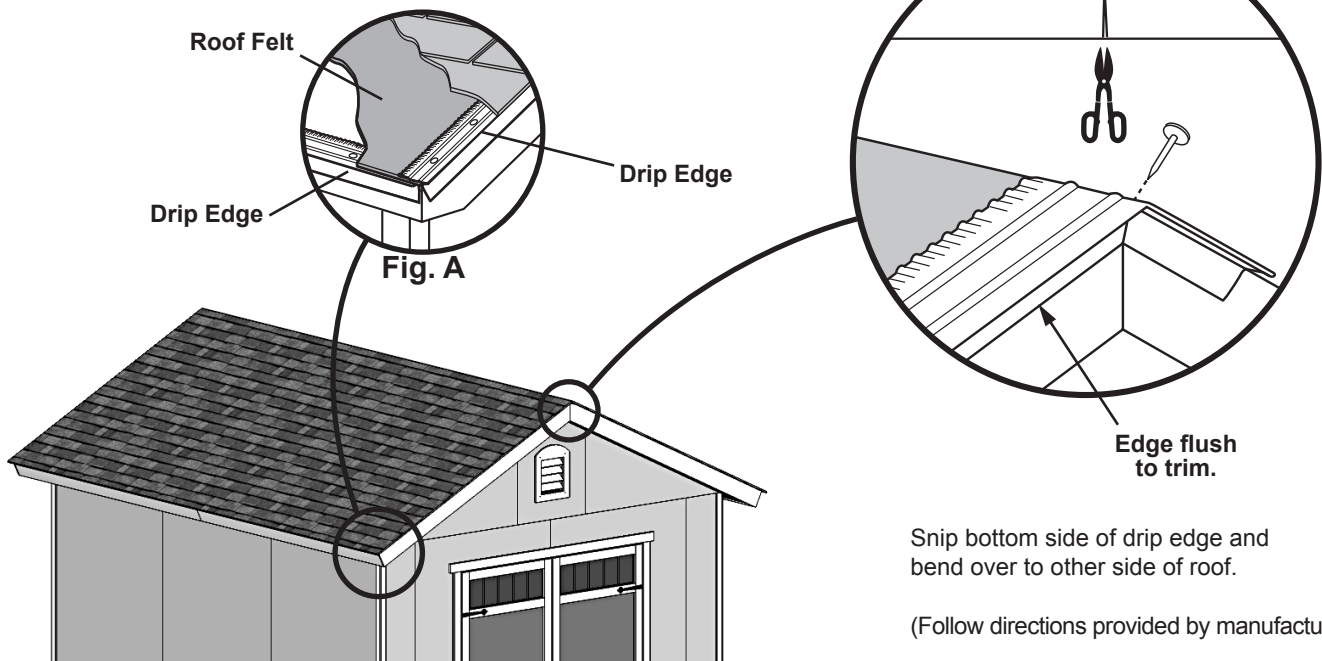
SHINGLES
- NOT INCLUDED -

• **Follow directions provided by manufacturer and these instructions.**
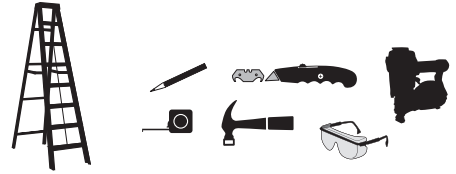
⚠ **Familiarize yourself with a 3-Tab Shingle.**

Notch   Notch

SHINGLE NAIL PATTERN

1"
(2,5cm)   1/2"
(1,3cm)   Sealing Str   1"
(2,5cm)

Half A Rain Slot

Full Rain Slot   NAILS
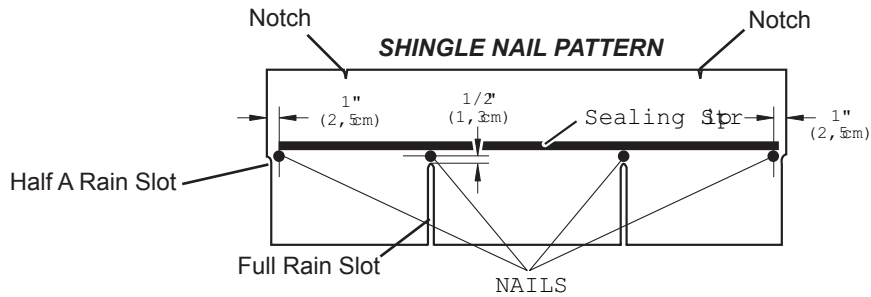
⚠ **NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.**

✓**BEGIN**

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

**FRONT OF
SHED**

BACK OF SHED

(4) Nails

⚠ **TABS UP**

**1" (2,5 cm) overhang or
flush with drip edge.**

**Shingle overlaps
roof decking.**

**1" (2,5 cm) overhang
past roof deck.**
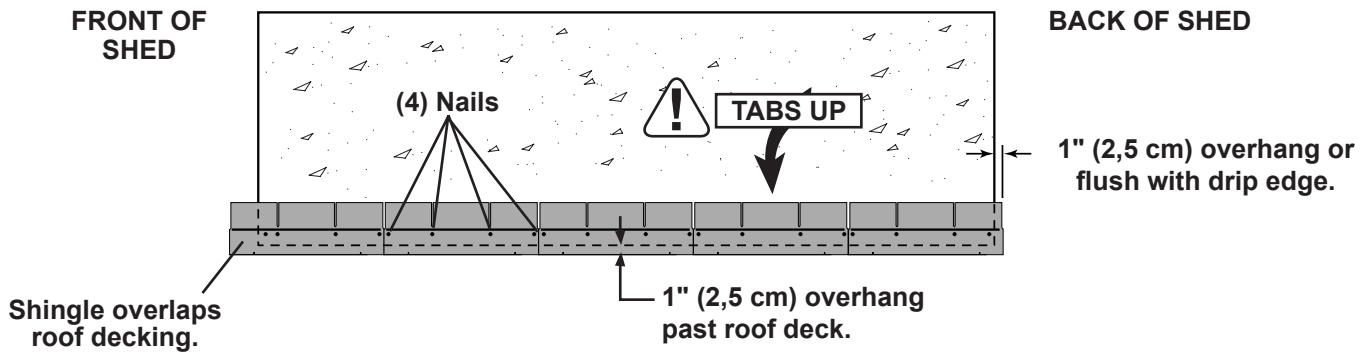
2   Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.

FRONT OF SHED

Roof Deck

BACK OF SHED

1" (2,5 cm)

Notch

- or -

Drip Edge

Notch

Flush with starter row.

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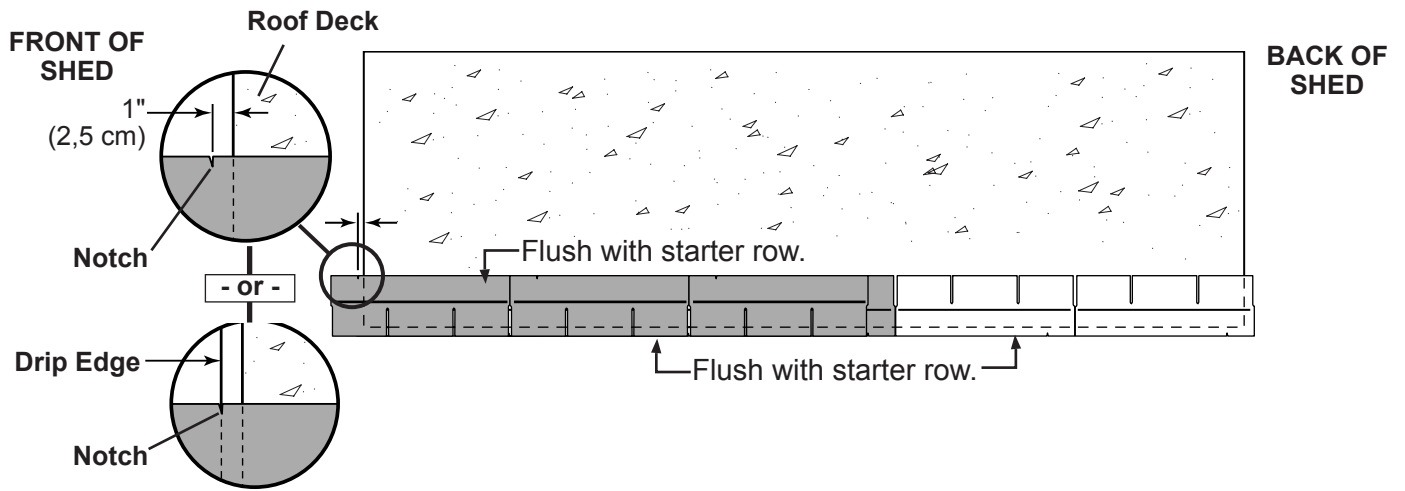
3   Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.

FRONT OF SHED

BACK OF SHED

1" (2,5 cm)

Notch

Flush with rain slots.

Flush with rain slots.
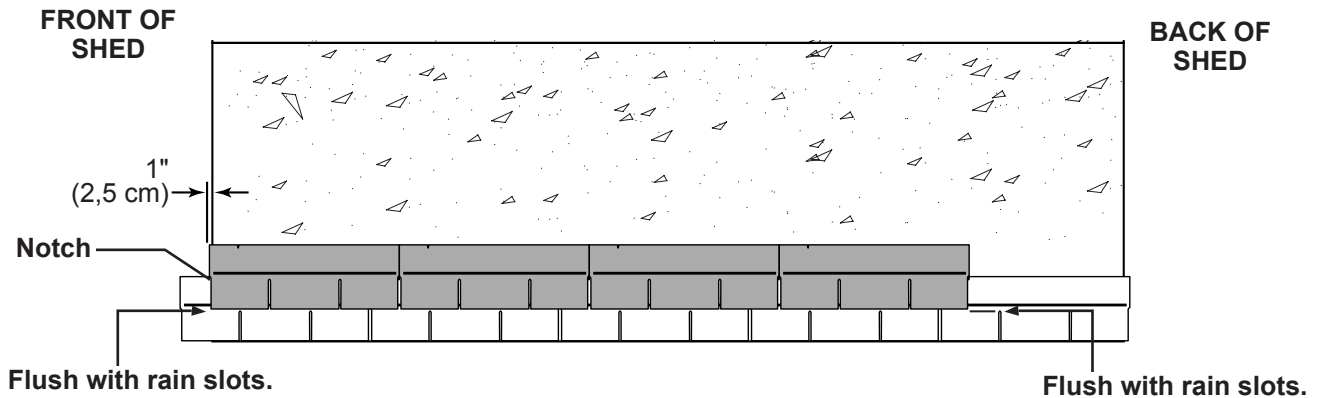
4   Continue installing rows of shingles by staggering at front.

1" (2,5 cm)

FRONT OF SHED

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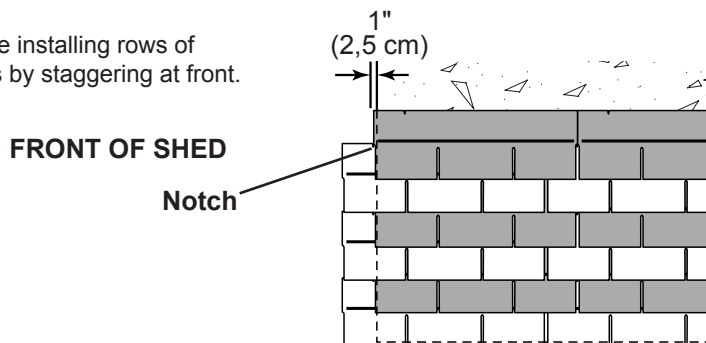
5 *Continue installing rows of shingles to the peak. At the peak make sure there is a maximum of 5" or less to the rain slot, as shown below. If shingles overlap at ridge cut to peak with a utility knife.*

5"
(12,7 cm) MAX.

Cut Off.

Top of rain slot.

CUT

5"
(12,7 cm)
or less.
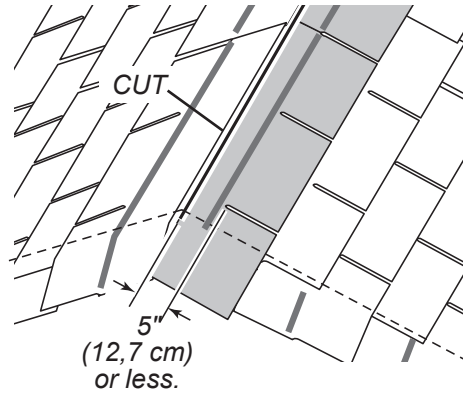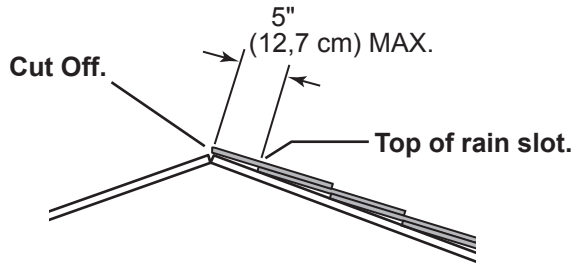
⚠ **• If more than 5" to rain slot you must install another row of shingles.**

6 *Repeat steps 1 - 5 to shingle the opposite side of your roof. Trim shingles at ridge.*

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

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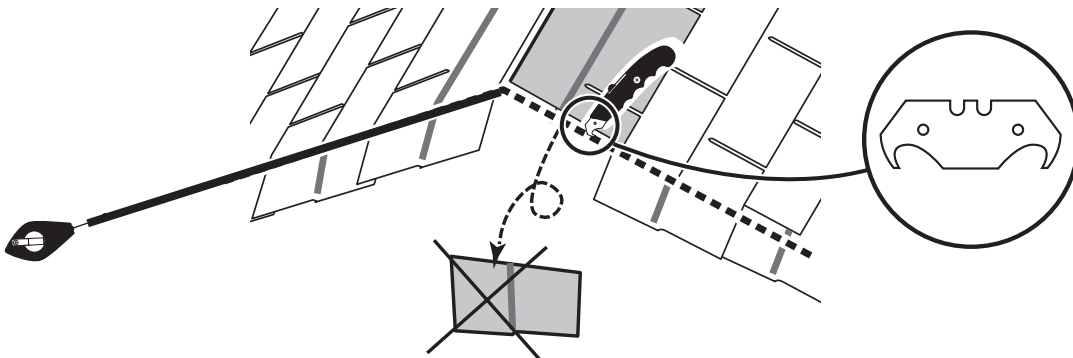
FINISH

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

SHINGLES - RIDGE CAP

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

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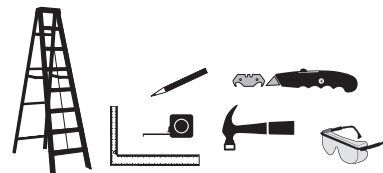
1 Cut shingles into THREE pieces. **Hint:** Use cut-off pieces first.

2"
(5 cm)

2"
(5 cm

2"
(5 cm)

2"
(5 cm)

2"
(5 cm)

2"
(5 cm)
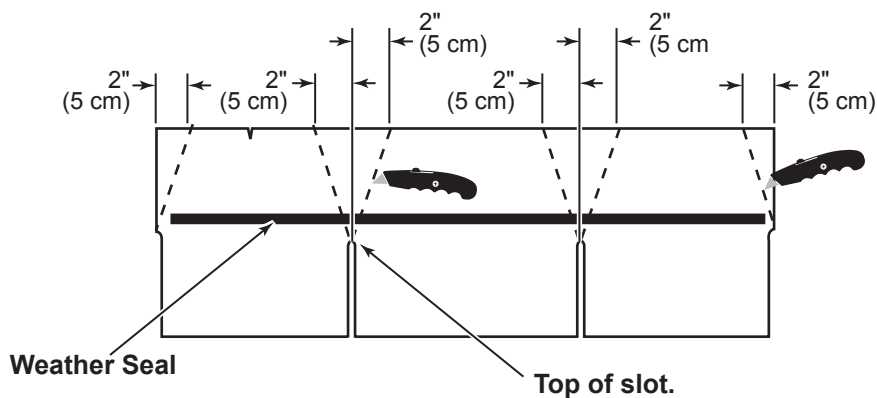
**Score shingle,
then snap-off angled cut.**

Weather Seal

Top of slot.

Note: • You will need about 33 - 44 cut pieces.

10'x12'	10'x16'
33 to 35 Pieces	**42 to 44 Pieces**

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

(1) Nail per side through weather seal.

Flush   **FRONT OF SHED**
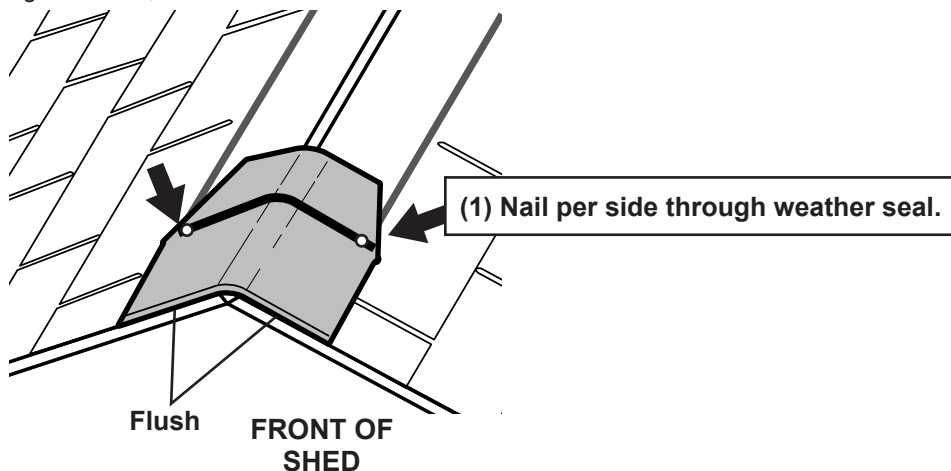
3 Install second ridge cap 5" back, as shown.

(1) Nail per side through weather seal.

5"
12,7 cm

Flush

FRONT OF SHED

79
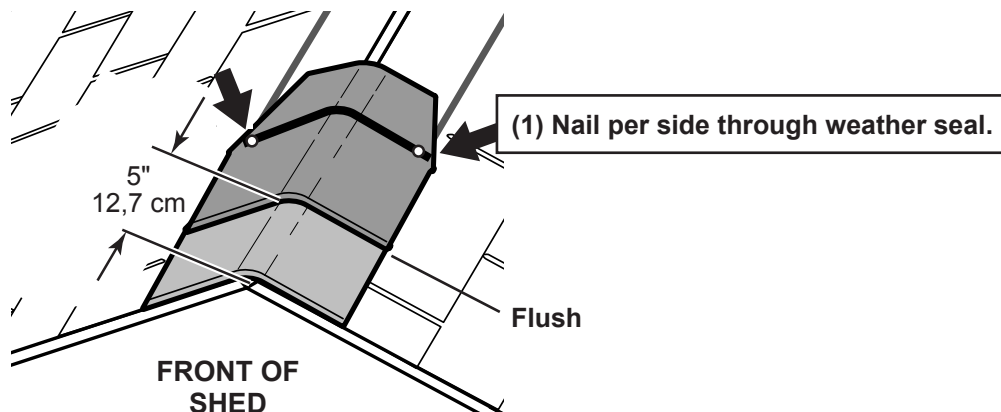
SHINGLES - RIDGE CAP
continued...

4 Continue installing ridge cap to back of roof.
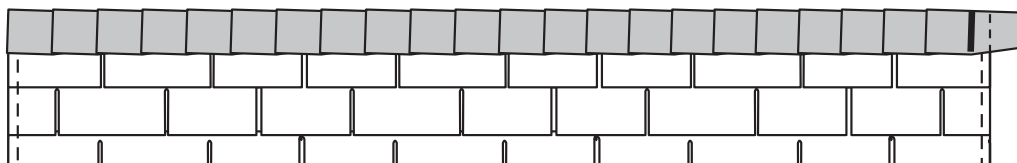
5 Make sure there is 4" between the shingle-color and edge of shingles.

4"
(10 cm)

Trim cap off flush to shingles
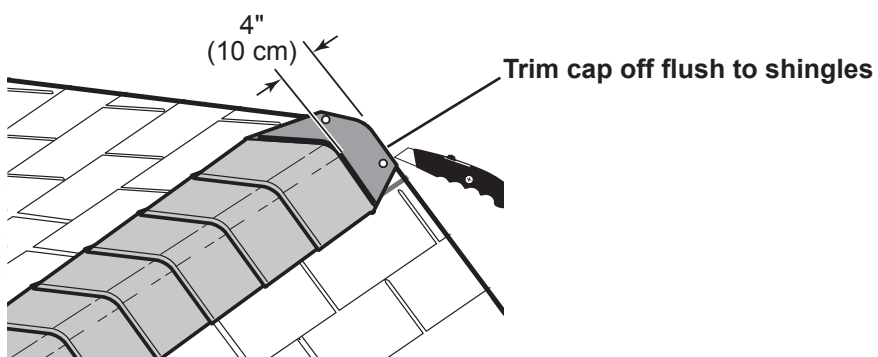
6 When you have 4" minimum of shingle color cut one piece to cap your roof.

Cut at top of rain slot.

Cap
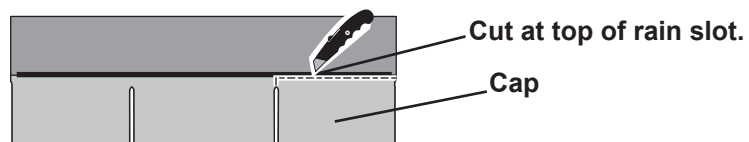
7 Install flush to shingles.

Flush to shingles

(2) Nails per side.
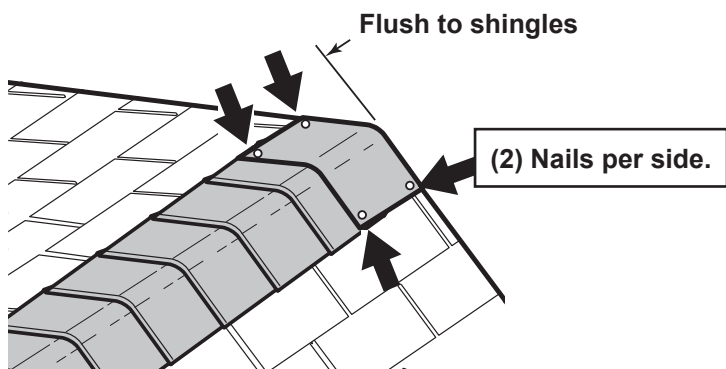
FINISH

You have finished your ridge cap.

16835-W 10' x12' Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM #	BUILDING QTY.	PART ID
2 X 3	Window Crippler	2 X 3 X 8" SOFFIT FILLER	Q 08000000000	1	**RGF**
2 X 4	Overhang Blocking & Gable Framing	2 X 4 X 4-7/8" OVERHANG BLOCK	O 04140000000	12	**CLA**
	Sidewall Top & Bottom Plate "A"	LUM SPF 2X4X92-5/8 #2&BTR	12305	4	**TJ**
	Sidewall Top & Bottom Plate "B"	2 X 4 X 44 3/8" PLATE	O 44060000000	2	**HVC**
	Front / Back Wall Plate "B"	2 X 4 X 20 3/8" DOUBLER	O 20060000000	2	**JBD**
	Rake Framing	2 X 4 X 75-1/4" 26.5* O/E	O 75042605000	8	**ECA**
	Rafters	2 X 4 X 75-1/4" 26.5* O/E	O 7504260500N	14	**ECN**
	Wall Studs	2 X 4 X 78 1/2"	O 78080000000	23	**AI**
	Door Studs / Sidewall Top Plate	2 X 4 X 68-1/2"	O 68080000000	6	**YFA**
	Front / Back Wall Doubler "B"	2 X 4 X 24" DOUBLER / PLATE	O 24000000000	2	**RL**
	Gable Panel Filler / Over Door Crippler	2 X 4 X 6 1/2" OVER DOOR	O 06080000000	3	**UY**
	Front/Back Wall Plates / Doubler "A"	LUM SPF 2X4X96 #2&BTR	12306	4	**TP**
	Sidewall Doubler "B"	2X4X48" DOUBLER/ PLATE/ CRATE	O 48000000000	2	**SP**
	Front Wall Top Plate "A"	LUM SPF 2X4X84 #2&BTR	12307	2	**TO**
	Front Wall Top Plate "B"	2 X 4 X 36"	O 36000000000	2	**SL**
	Door Header	2 X 4 X 67"	O 67000000000	2	**AM**
	Gable Connector	2 X 4 X 23-1/4" @ 26.5* GABLE	O 23042605000	4	**UV**
1 X 3 PINE	Gauge Block	1 X 3 X 5" PINE FILLER	U 05000000000	1	**GAA**
	Collar Tie	LUM SPF 1X3 X 72" PART & PRE-	U 72000000000	2	**HJ**
7/16 OSB	Roof Panel "A"	OSB 7/16" x 4' x 8'	11110	2	---
	Roof Panel "B"	* 7/16" X 27-1/4" X 48" OSB PANEL	C 4800270400S	6	---
	Roof Panel "C"	7/16" OSB 47 7/8" X 48" ROOF	C 48004714000	2	---
	Gable Roof Panel "A"	7/16" X 8-5/8" X 48" ROOF PANEL	C 48000810000	4	---
	Gable Roof Panel "B"	5/8" X 8-5/8" X 27-1/4" ROOF PANEL	C 27040810000	4	---
	Door Header Filler	7/16" OSB 3 1/4" X 66 3/4" HEADER	C 66120304000	1	---
GUSSETS	Gusset	EZ 8" 6" X 24" GUSSET 28*-	J 24000600280	12	---
NO GROOVE SIDING	Wall panel at Door -RIGHT	3/8"NG RT PANEL@DOOR (33445,	K 84004800510	1	---
	Wall panel at Door -LEFT	3/8"NG LT PANEL@DOOR (33445,	K 84004800520	1	---
	Front Sidewall Panel	NG 11-7/8" X 84" WALL PANEL	K 84001114000	2	---
	Backwall & Sidewall Panel	SIDING NGSE 3/8X4'X7'	11507	8	---
	Sidewall Panel "B"	NG 23 7/8" X 84" WALL PANEL	K 84002314000	1	---
	Center Gable Panel w/ Hole	3/8" NG 23-7/8" X 34" CENTER	K 34002314000	2	---
	Gable Panels - RIGHT	3/8"NGx 28"x 48"RT GABLE	K 48002800110	2	---
	Gable Panels - LEFT	3/8"NGx 28"x 48"LT GABLE	K 48002800210	2	---
	Gable Soffit	3/8" NG 7-7/8" X 73-5/16"	K 73050714000	4	---
	Eave Soffit	3/8" NGx5-7/8" X 72-3/4"	K 72120514000	4	---
	Eave Fascia	3/8" NGx4-3/4" X 80-5/8"	K 80100412000	4	---
	Gable Trim-RIGHT	3/8" NG 4-3/4" X 75-7/8" 26.5	K 75140412100	2	---
	Gable Trim-LEFT	3/8" NG 4-3/4" X 75-7/8" 26.5	K 75140412200	2	---
	Corner Trim Eave Side	3/8"NGx1-3/4"x 81-7/8" TRIM	K 81140112000	4	---
	Corner Trim Gable Side	3/8"NGx1-3/4"x 82-1/2" TRIM	K 82080112000	4	---
19/32 X 3 SMART TRIM	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	4	**AH**
	Door Trim Hinge/Over Door	19/32 TST 2 1/2" X 72" TRIM	UT72000208000	1	**ZJ**
PURCHASED COMPONENTS	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	2	**OO**
	Vents- Exterior White	VENT 8X10, APL# CV12X18W-PE, A	15021	2	---
	Threshold	THRESHOLD 7/8" X 1-1/2" X 63-7/8	15420	1	---
	Black "T" &"D" Handle w/ Faux Hinges	HANDLE - T & "D" HANDLES, FAUX	15220	1	---
	Transoms For Doors	WINDOW 9 X 27 TRANSOM (SINGLE	15235	2	---
	Hardware Kit	H/K (33026) GABLE 10X12	15783	1	---
	Spring Bolt	SPRING BOLT, 1.63 TRAVEL, W/SCREWS	15129	2	---
PACKAGING	Instructions		16835-W	1	---

	33095-R				
Right Door Assembly	Door Panel	3/8" NGx31-3/8" x 71-1/2"	K 7108310600R	1	---
	Right Hinge Assembly	HINGE RIGHT (RED) 19/32x3 THIN TRIM	30121-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	2	**GY**
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	**AH**

	33095-L				
Left Door Assembly	Door Panel	3/8" NGx31-3/8" x 71-1/2"	K 7108310600R	1	---
	Left Hinge Assembly	HINGE LEFT (GREEN) 19/32x3 THIN TRIM	30131-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	2	**GY**
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	**AH**

16835 4' Extender Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM #	BUILDING QTY.	PART ID
2 x 4	Rafters	2 X 4 X 75-1/4" 26.5* O/E	O 7504260500N	4	**ECN**
	Wall Studs	2 X 4 X 78 1/2"	O 78080000000	4	**AI**
	Sidewall Doubler "B"	2X4X48" DOUBLER/ PLATE/ CRATE	O 48000000000	6	**SP**
1 x 3 PINE	Collar Tie	LUM SPF 1X3 X 72" PART & PRE-	U 72000000000	2	**HJ**
7/16 OSB	Roof Panel "B"	* 7/16" X 27-1/4" X 48" OSB PANEL	C 4800270400S	2	---
	Roof Panel "C"	7/16" OSB 47 7/8" X 48" ROOF	C 48004714000	2	---
GUSSETS	Gusset	EZ 8" 6" X 24" GUSSET 28*-	J 24000600280	4	---
NO GROOVE SIDING	Backwall & Sidewall Panel	SIDING NGSE 3/8X4'X7'	11507	2	---
	Eave Soffit	3/8" NG 5-7/8" X 48" SOFFIT	K 48000514004	2	---
	Eave Fascia	3/8" NG 4-3/4" X 48" FASCIA	K 48000412004	2	---
PURCHASED COMPONENTS	Hardware Kit	H/K (33707) 10x16 Bellingham	15734	1	---

LIMITED CONDITIONAL WARRANTY*

Backyard Storage Solutions, LLC warrants the following:

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

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

CONDITIONS

The warranty is effective only when:

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

REQUIREMENTS

Storage Buildings

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

Gazebos & Pergolas

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

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

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

CLAIM PROCEDURE

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

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

All other inquiries can be mailed to:
      Backyard Storage Solutions, LLC
      Attn: Customer Service
      1000 Ternes
      Monroe, MI 48162

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

10Y MV LDR: 3/20/2019