16819

STOP!

Call Us First!
DO NOT RETURN TO STORE.
For immediate help with assembly or product information
call our toll-free number:
1-800-577-9663
or email:
customerservice@backyardproductsllc.com
Our staff is ready to provide assistance.
April through October M - F 8:00 AM to 8:00 PM EST
Saturday 8:30 AM to 4:30 PM EST
November through March M - F 8:00 AM to 5:00 PM EST

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HEARTLAND
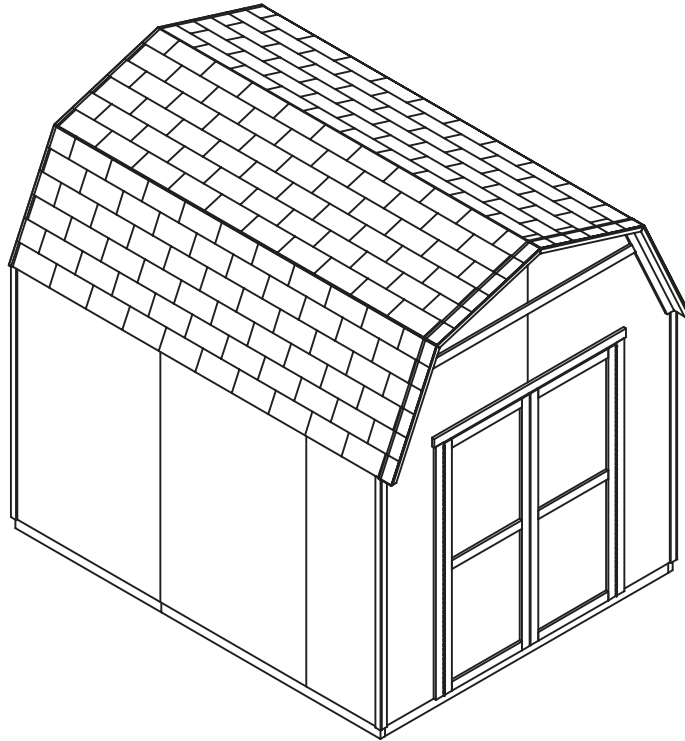THE BACKYARD STORAGE EXPERTS
A Backyard Products Company

ASSEMBLY MANUAL

Ridgeview 8' x 10' (244 x 305 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE

⚠ **IMPORTANT!** READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY. ⚠

BEFORE YOU BEGIN

- **BUILDING RESTRICTIONS AND APPROVALS**
  Be sure to check local building department and homeowners association for specific restrictions and\or requirements before building.
- **ENGINEERED DRAWINGS**
  Contact our Customer Service Team if engineered drawings are needed to pull local permits.
- **SURFACE PREPARATION**
  To ensure proper assembly you must build your shed on a level surface. Recommended methods and materials to level your shed are listed on page 7.
- **CHECK ALL PARTS**
  Inventory all parts listed on pages 4-6. Contact our Customer Service Team if any parts are missing or damaged.
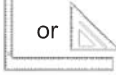- **ADDITIONAL MATERIALS**
  You will need additional materials to complete your shed. See page 3 for required and optional materials and quantities.

- CUSTOMER SERVICE -
Call: 1-800-577-9663 email: customerservice@backyardproductsllc.com

TOOLS

Required | Optional

Required:

- Phillips Screwdriver
- Drill / Driver
  - Drill Bit
  - #2 philips Drive Bit
- Hammer
- Pencil
- Tape Measure
- Square or
- Level

- Chalk Line
- Utility Knife
  - Shingle Blades
- Caulk Gun
- Exterior rated Wood Glue
- Ladder
- Paint Tools

Optional:

- Tool Belt/ Nail Pouch
- Safety Glasses
- Nail Gun
  - Gun Nails
- Gloves
- Clamps

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.

= Level

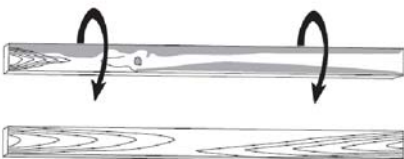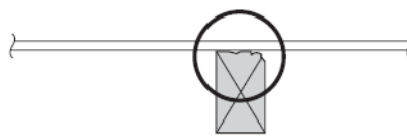# ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

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.**)
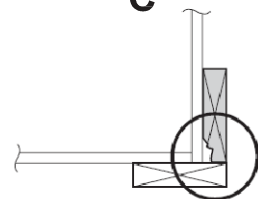
A   **B**   **C**

FOUNDATION OR FLOOR MATERIALS

- This shed kit includes a complete wood floor frame system. It does not include the floor panels.
- It does not include ANY leveling materials.
- **See the FLOOR LEVELING section on page 7 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.**

REINFORCED WOOD FLOOR FRAME (OPTIONAL)

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

[ ] **x5** 2 x 4 x 8' (5,1 x 10,2 x 243,8 cm) Treated Lumber

Cut lumber to 2 x 4 x 93" (5.1 x 10,2 x 236,2 cm) Treated Lumber

[ ] **x20** ea. 3" (7,6 cm) hot dipped galvanized nails

Optional 12" (30,5 cm) spacing
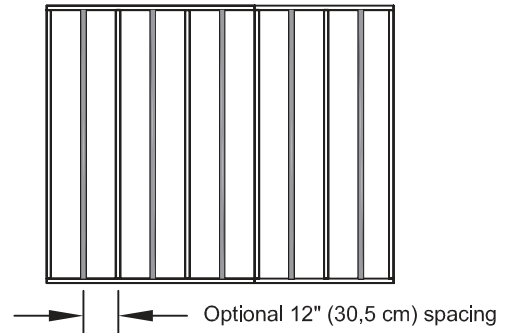
FLOOR PANELS (NOT INCLUDED)

[ ] x2
5/8 x 48 x 96"
(1,6 x 121,9 x 243,8 cm)

[ ] x1
5/8 x 23-7/8 x 96"
(1,6 x 60,6 x 243,8 cm)
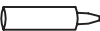
Recommend Floor panels are minimum 5/8" (1,1 cm) thick.

COMPLETING YOUR SHED
You will need these additional materials:

[ ] **3-TAB SHINGLES......................................6 Bundles**

[ ] **1" GALVANIZED ROOFING NAILS...3LBS**
For Shingles.

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

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

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

[ ] **WOOD GLUE......................Exterior Rated**

OPTIONAL MATERIALS

[ ] **DRIP EDGE.....................24 Feet**

[ ] **#15 ROOFING FELT**
To cover 125 Sq. Ft. of roof area

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

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

PARTS IDENTIFICATION AND SIZES

Part Identification is
stamped on some parts.

RS   RS

• Check these locations for Part stamps

Treated lumber is stamped:

TREATED

WOOD SIZE CONVERSION CHART

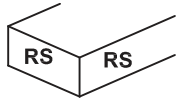| Nominal Board Size	Actual Size
2" x 4".....................1-1/2" x 3-1/2" (3,8 x 8,9 cm)
1" x 4".....................3/4" x 3-1/2" (1,9 x 8,9 cm)
2" x 3".....................1-1/2" x 2-1/2" (3,8 x 6,3 cm)
1" x 3".....................3/4" x 2-1/2" (1,9 x 6,3 cm)

PARTS LIST

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

FLOOR

- ☐ X2 TREATED — 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)   Treated lumber is stamped: **TREATED**
- ☐ X2 TREATED — 2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)
- ☐ X6 TREATED — 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)

WALLS

- ☐ X2 ABA — 2 x 4 x 20" (5,1 x 10,2 x 50,8 cm)
- ☐ X2 SL — 2 x 4 x 36" (5,1 x 10,2 x 91,4 cm)
- ☐ X4 STL — 2 x 4 x 44-1/2" (5,1 x 10,2 x 113,0 cm)
- ☐ X4 YFA — 2 x 4 x 68-1/2" (5,1 x 10,2 x 174,0 cm)
- ☐ X17 AEA — 2 x 4 x 68-13/16" (5,1 x 10,2 x 174,8 cm)
- ☐ X3 TP — 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

ROOF

- ☐ 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.
- ☐ X10 — 6 x 24" (15,2 x 61 cm)
- ☐ X12 — **SUB-ASSEMBLED TRUSS**
- ☐ X2 WO — 1 x 4 x 72" (2,5 x 10,2 x 182,9 cm)

3/4" (1,9 CM)
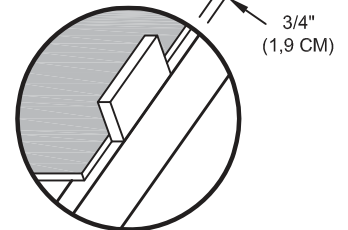
TRIM

- ☐ X8 — 3/8 x 1-3/4 x 71-9/16" (1 x 4,4 x 181,8 cm)
- ☐ X2 VS — 2 x 4 x 35-3/4" (5,1 x 10,2 x 90,8 cm)
- ☐ X2 AGA — 2 x 4 x 35-13/16" (5,1 x 10,2 x 91,0 cm)
- ☐ X1 FDR — 19/32 x 2-1/2" x 35-3/4" (1,5 x 6,4 x 90,8 cm)
- ☐ X1 FDL — 19/32 x 2-1/2" x 35-3/4" (1,5 x 6,4 x 90,8 cm)
- ☐ X2 FCA — 19/32 x 2-1/2" x 35-13/16" (1,5 x 6,4 x 91,0 cm)
- ☐ X1 WR — 19/32 x 2-1/2" x 63" (1,5 x 6,4 x 160,0 cm)
- ☐ X1 FBA — 19/32 x 2-1/2" x 69-1/4" (1,5 x 6,4 x 175,9 cm)
- ☐ X1 FAA — 19/32 x 2-1/2" x 71-7/16" (1,5 x 6,4 x 181,5 cm)
- ☐ X1 ZHR — 19/32 x 3-1/2" x 35-3/4" (1,5 x 8,9 x 90,8 cm)
- ☐ X1 ZHL — 19/32 x 3-1/2" x 35-3/4" (1,5 x 8,9 x 90,8 cm)
- ☐ X2 AFA — 19/32 x 3-1/2" x 35-15/16" (1,5 x 8,9 x 91,3 cm)

DOOR

- ☐ X1 FEA — 1 x 4 x 56" (2,6 x 10,2 x 142,2 cm)
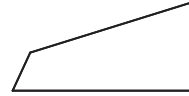- ☐ X2 OO — 2 x 3 x 69" (5,1 x 7,6 x 175,3 cm)

WALL PANEL & DOOR PARTS LIST

NOTE: Panel parts are not stamped with part identification.

x2
3/8 x 23-7/8 x 72"
(1 x 60,6 x 182,9 cm)

x4
3/8 x 48 x 72"
(1 x 121,9 x 182,9 cm)

x2
3/8 x 18-5/16 x 37-7/16"
(1 x 46,5 x 95,1 cm)
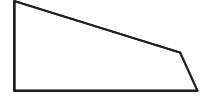
x2
3/8 x 18-5/16 x 37-7/16"
(1 x 46,5 x 95,1 cm)
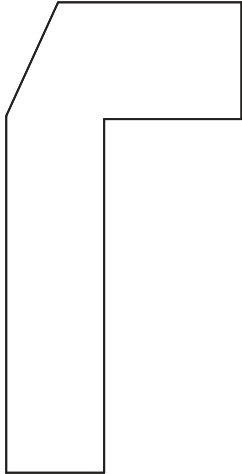
x1
3/8 x 48 x 96"
(1 x 121,9 x 243,8 cm)
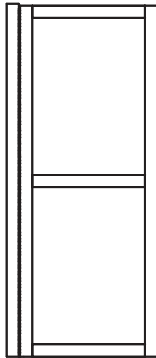
x1
LEFT DOOR
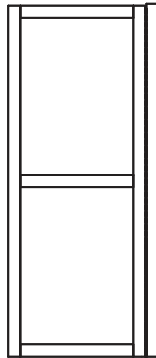
x1
RIGHT DOOR

x1
3/8 x 48 x 96"
(1 x 121,9 x 243,8 cm)

x1
3/8 x 48 x 96"
(1 x 121,9 x 243,8 cm)
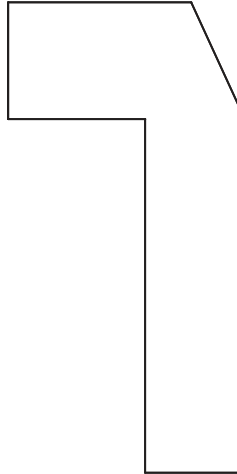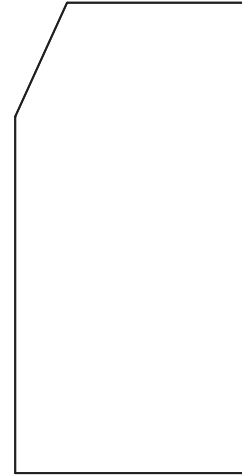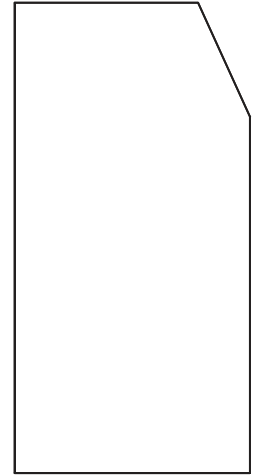
x1
3/8 x 48 x 96"
(1 x 121,9 x 243,8 cm)

ROOF PANELS

x2
7/16 x 35-3/8 x 96"
(1,1 x 89,9 x 243,8 cm)
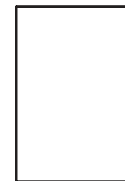
x2
7/16 x 23-7/8 x 35-3/8"
(1,1 x 60,6 x 89,9 cm)

x2
7/16 x 23-7/8 x 96"
(1,1 x 60,6 x 243,8 cm)

x2
7/16 x 23-7/8 x 23-7/8"
(1,1 x 60,6 x 60,6 cm)

x2
7/16 x 11-1/2 x 96"
(1,1 x 29,2 x 243,8 cm)

x2
7/16 x 11-1/2 x 23-7/8"
(1,1 x 29,2 x 60,6 cm)

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

DOOR & VENT HARDWARE

T-HANDLE

☐ x1
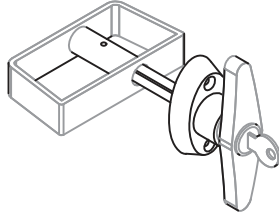
☐ x2
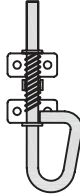
☐ x8

1" (2,5 cm)
Included with barrel bolt

NAIL BOXES

☐ x5 BOXES → 3" (7,6 cm)

☐ x2 BOXES → 2" (5,1 cm)

FASTENER/HARDWARE BAG
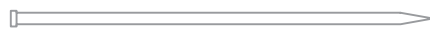
☐ x110 → 2" (5,0 cm)

☐ x115 → 1-1/2" (3,8 cm)

☐ x50 ⊕ 3" (7,6 cm)
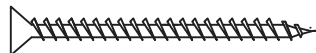
☐ x60 ⊕ 2" (5,0 cm)

☐ x2 ⊕ 1-1/4" (3,2)
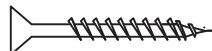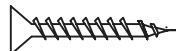
☐ x60 ⊕ ¾" (19 mm)

NOTES

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 - 4 X 4 TREATED RUNNERS

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

Measurements to centers of 4x4's.

12" (30,5 cm)

12" (30,5 cm)

DOOR
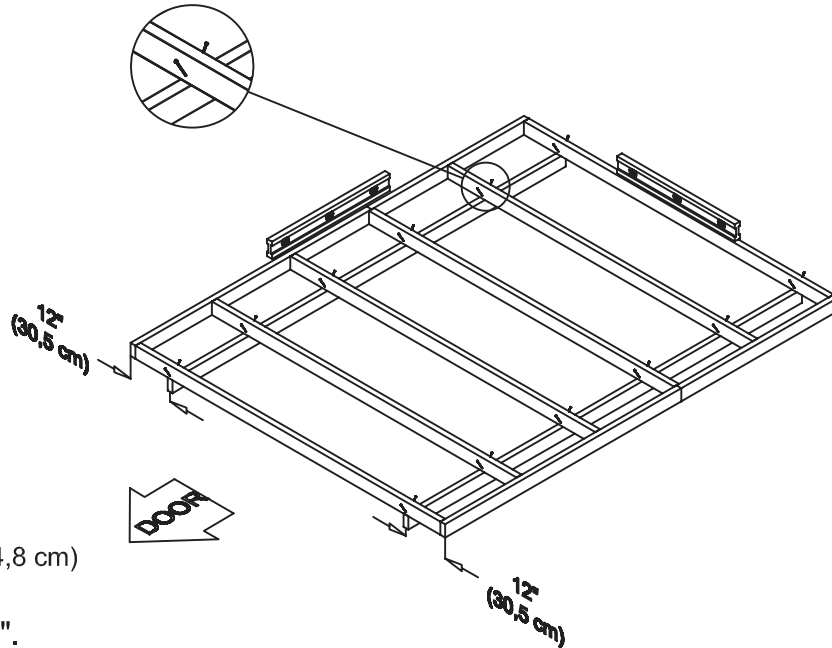
MATERIAL REQUIRED

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

☐ Fasteners for Frame to 4" x 4".
(3"(7,6 cm) Screws shown as one option.) Minimum (24) 3" (7,6 cm) screws / exterior grade.

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

⚠ **Always support frame seams.**

Maximum between leveling material locations.

12" (30,5 cm)

48" (121,9 cm)

Shingle

Level

4x4 Runner

12" (30,5 cm)

Shingle

Gravel 2" Block

Gravel 4" Block 2x4 Treated Lumber

8" Block

8" Block

⚠ Do not exceed 16" (40,3 cm).
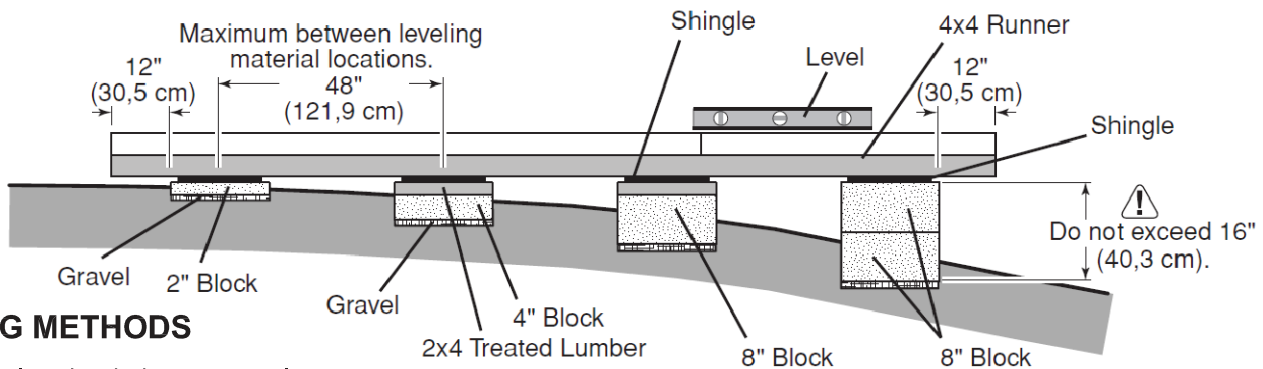
LEVELING METHODS

- Level under 4x4 runners only.
- Locate leveling material 12" (30,5 cm) from ends of runners and no more than 48" (121,9 cm) apart.
- Asphalt shingles should be used between 4x4 runners and blocks or treated lumber. Never use shingles in direct contact with ground.
- For best results and aiding in water drainage use gravel under each concrete block.

MATERIAL REQUIRED

☐ Gravel

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

☐ 2x4 Treated Lumber

☐ Asphalt Shingles

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

CONCRETE

- If you are building your shed on concrete foundation see following page.
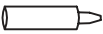
CONCRETE FOUNDATION

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

Treated Sill Plate

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

4" (10,2 cm)

DOOR

Caulk between sill plate and concrete.
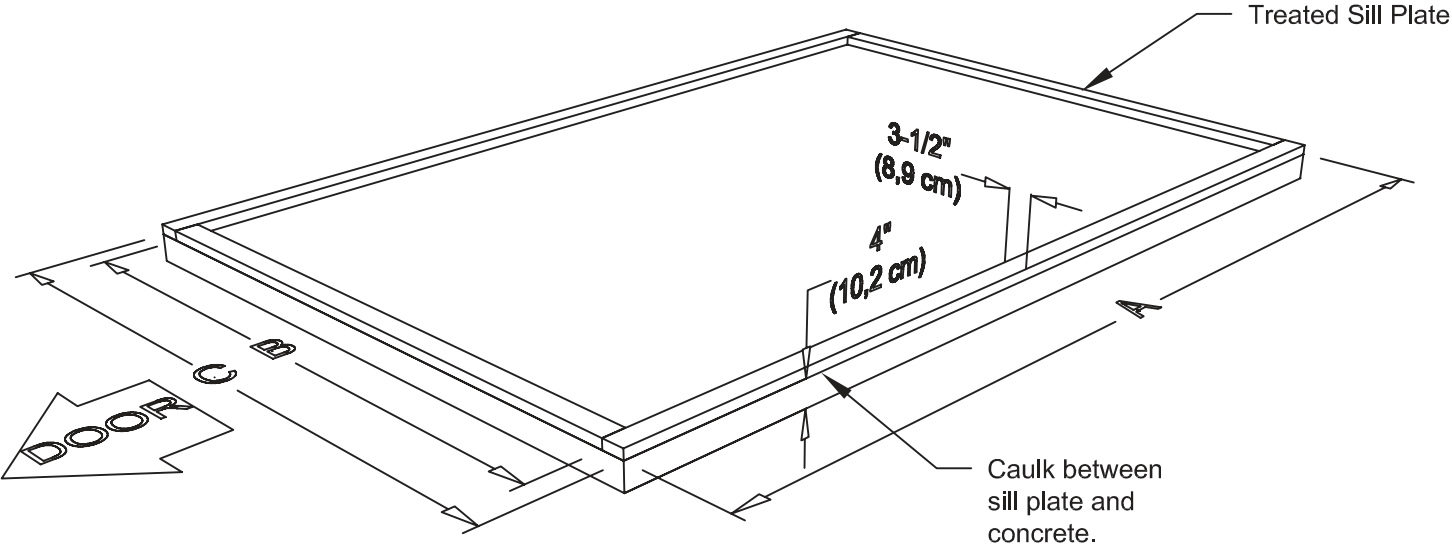
Building Size	Actual Size	A	B	C
8' x 10' (243,8 cm x 304,8)	96" x 120 (243,8 cm 304,8)	120" (304,8 cm)	89" (226,1 cm)	96" (243,8 cm)

Requires:

☐ **x2**   2" x 4" x 10' (2,1 x 10,2 x 304,8 cm)   ⚠ **MUST be treated lumber.**

☐ **x2**   2" x 4" x 8' (2,1 x 10,2 x 243,8 cm)   ⚠ **MUST be treated lumber.**

☐ **x1**   Caulk

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

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

NOTES

FLOOR

Parts Required:

X6   2 x 4 x 93"

X2   2 x 4 x 72"

X2   2 x 4 x 48"

Note: Look for the
TREATED Stamp

TREATED

Fasteners Required:

X28   3" Nails

ASSEMBLY STEPS / NOTES:

1.   Mark center of joists 24" on center.

2.   Use two (2) 3" nails at each joist. Use (4) 3" Nails at seams. Angle nails at seams.

3.   Proceed to install the floor panels.

Hint!
For easier nailing
stand on frame
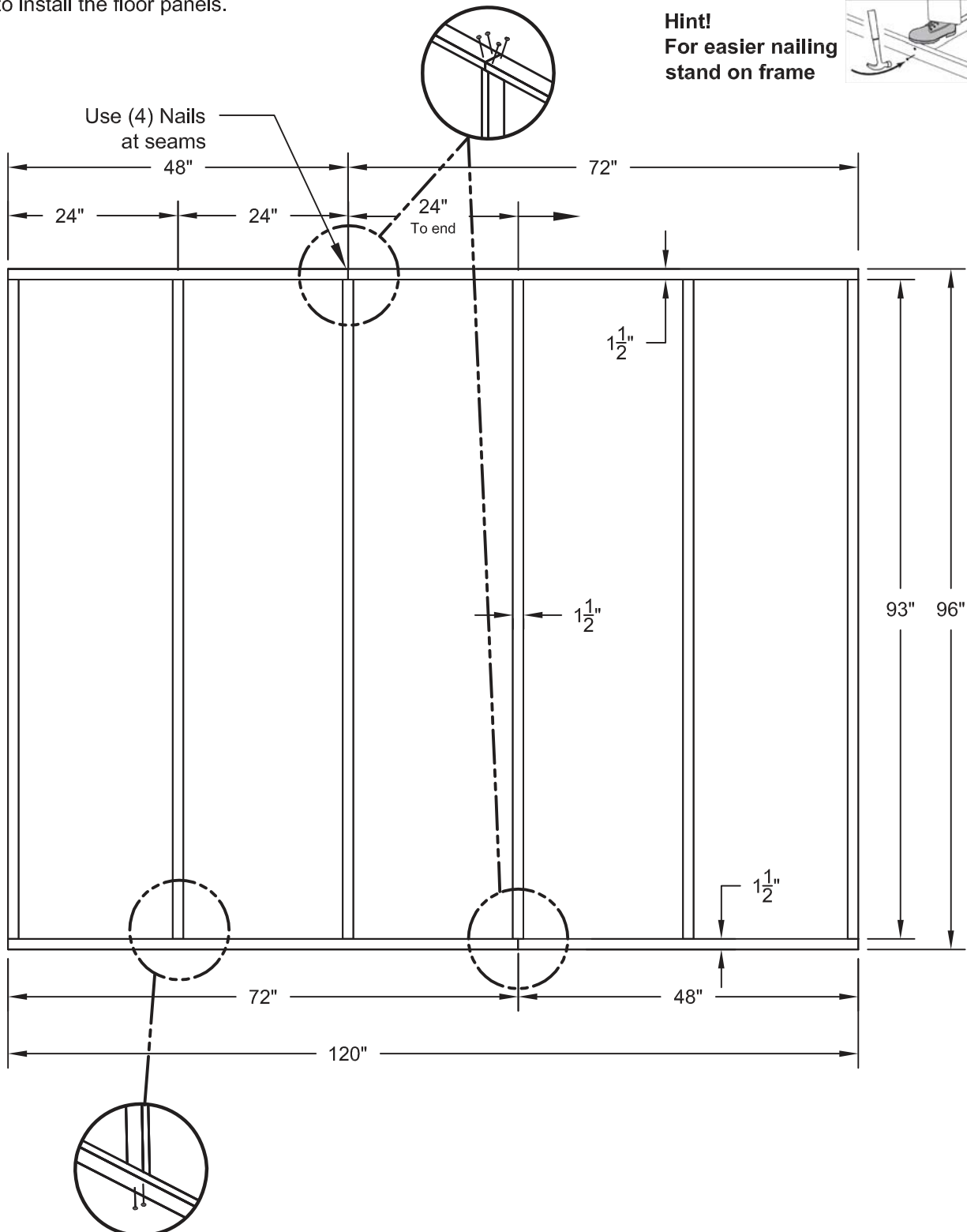
Use (4) Nails
at seams

48"

72"

24"

24"

24"
To end

$1\frac{1}{2}$"

$1\frac{1}{2}$"

$1\frac{1}{2}$"

93"   96"

72"

48"

120"

9

FLOOR FRAME

Begin

⚠ 1) See page 7 for the preferred floor leveling method.

2) Use level and check the frame is level before applying floor panels

3) Check for frame squareness by measuring diagonally across the corners. If the measurements are the same, the frame is square. The diagonal measurement will be approximately 153-11/16" (390,3 cm).

4) When the frame is level at ends of each runner. Move to the opposite end of the frame. Secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square **(Fig. A).**

5) Once the floor is level and square fasten the frame at each point the frame contacts the 4x4 runners.

153-11/16"
(390,3 cm)

153-11/16"
(390,3 cm)

DOOR

Fig. A
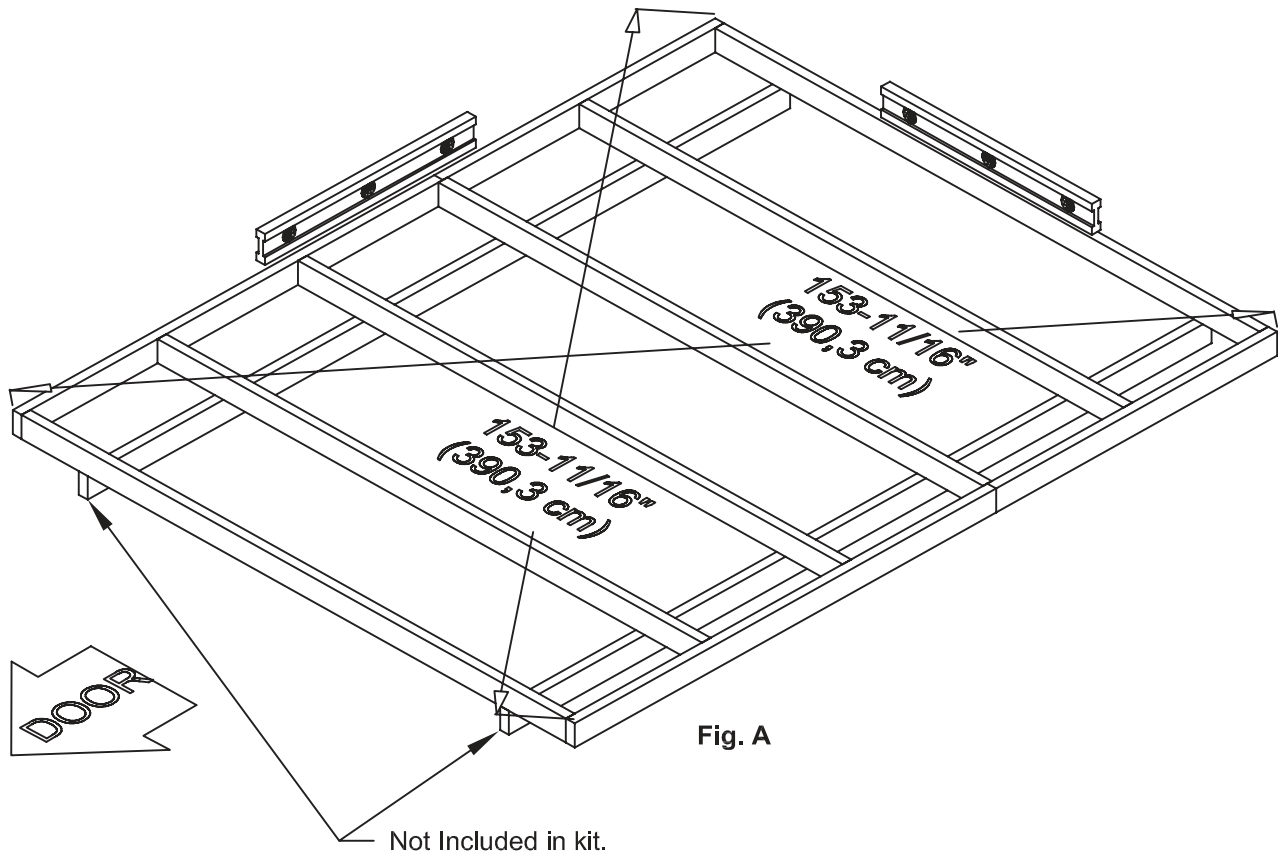
Not Included in kit.

FLOOR PANEL (NOT INCLUDED)

Parts Required:

X1   ⅝ x 48 x 96" OSB
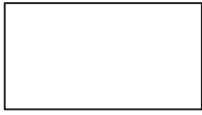
⚠ Floor Panels Not Included

Fasteners Required:

X56   2" Nails

ASSEMBLY STEPS / NOTES:

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

1. Attach the 48 x 96" panel with the rough side up (painted-grid lines side) with the 48"edge and corner flush to the floor frame (Fig A). Secure panel with two 2" nails in the corners.

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

3. Check the floor frame is square by measuring diagonally across the frame corners. If the measurements are the same your floor frame is square. The measurement will be approximately 153-11/16" (Fig. C)

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

Fig. A

Fig. B

Fig. C

153-11/16"

153-11/16"

11
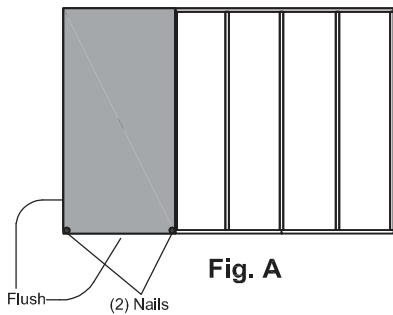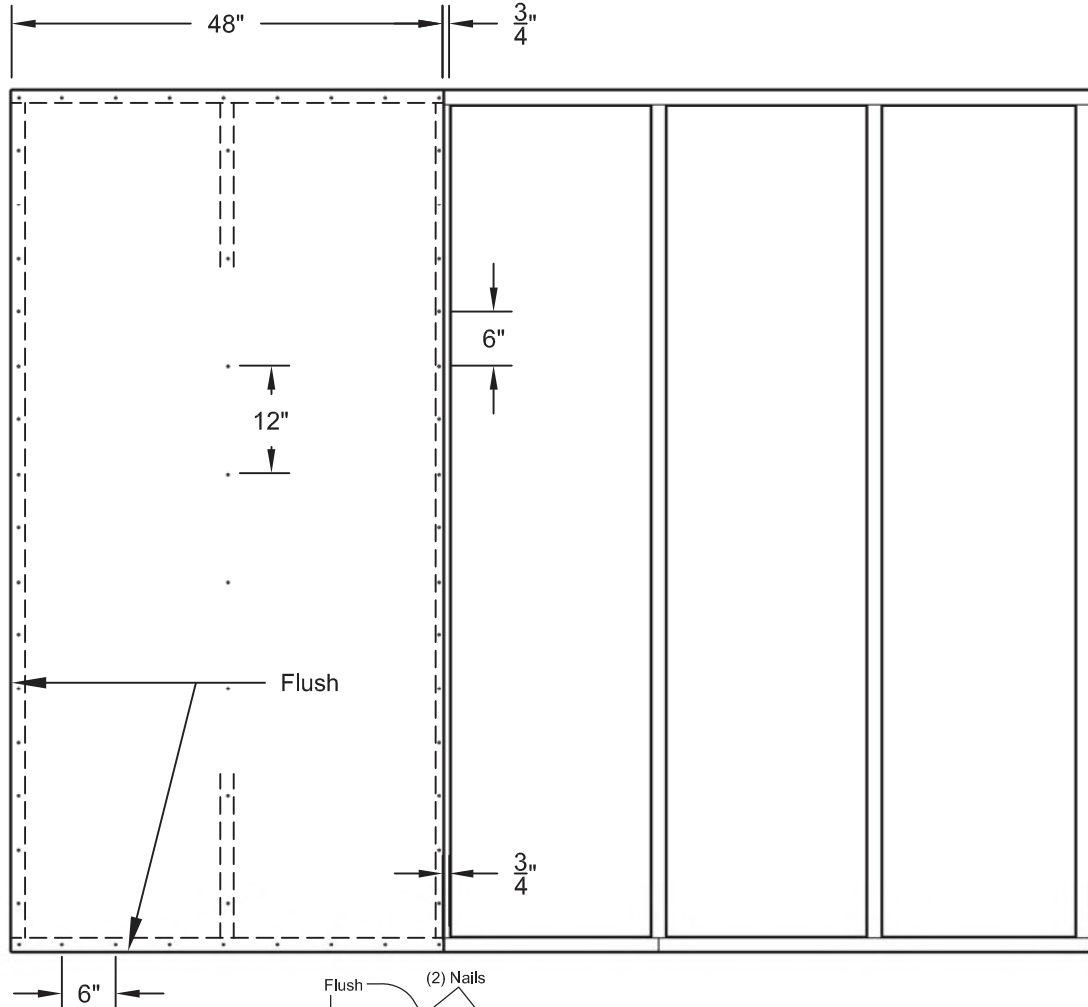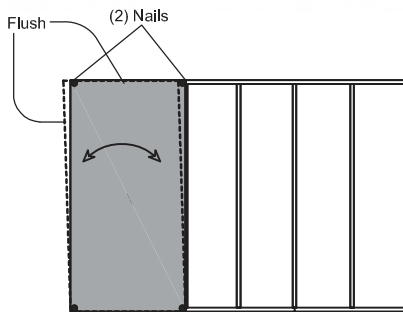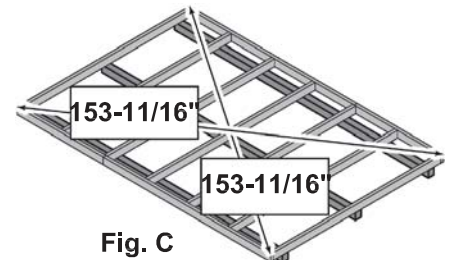
FLOOR PANELS (NOT INCLUDED)

Parts Required:

X1   ⅝ x 48 x 96" OSB

X1   ⅝ x 23-7/8 x 96" OSB

⚠ Floor Panels Not Included

Fasteners Required:

X96   2" Nails

ASSEMBLY STEPS / NOTES:

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

6.   Use 2" nails 6" apart on the edges. Use the grid lines to nail 2" nails 12" apart on the inside of the panels.

7.   You have finished attaching your floor panels.

⚠   It is important that your completed floor is level before moving forward!
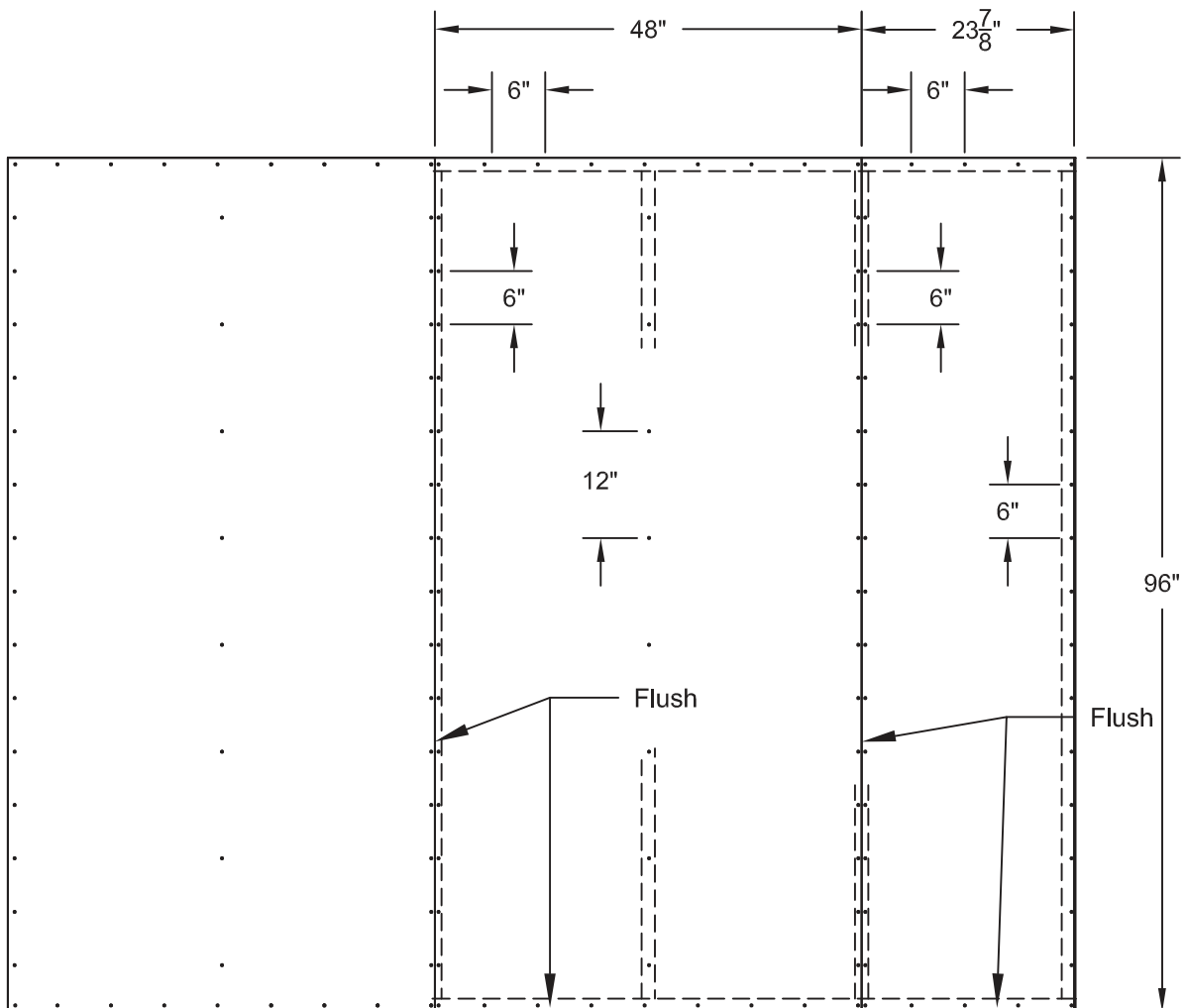
⚠ IMPORTANT!

STOP! Check the floor frame is level after installing floor panels. Re-level if needed.
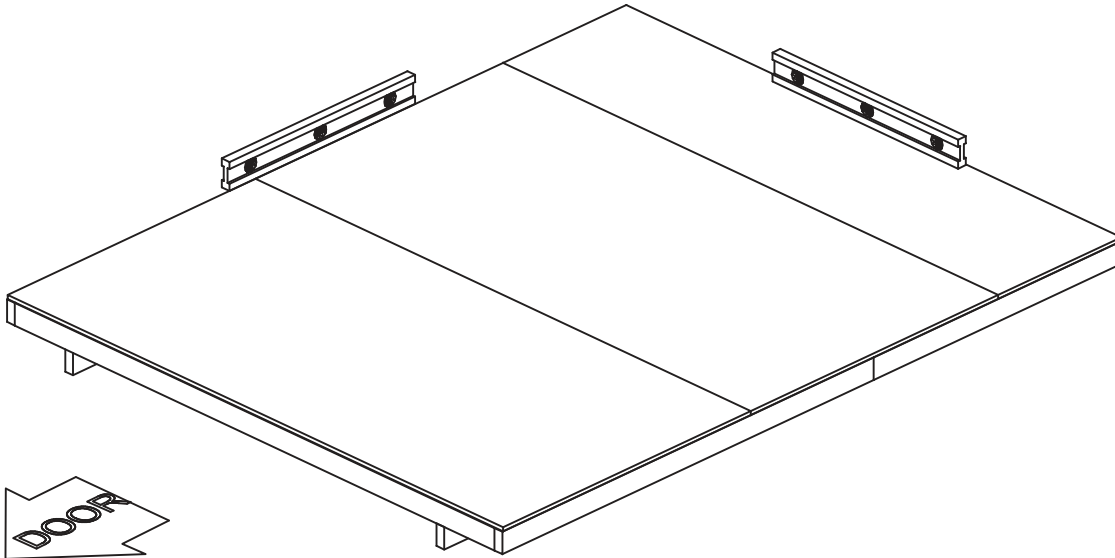
- The floor should be used as a stable work surface for wall construction.

- Organize your assembly procedure during the build process to avoid over-handling of the walls
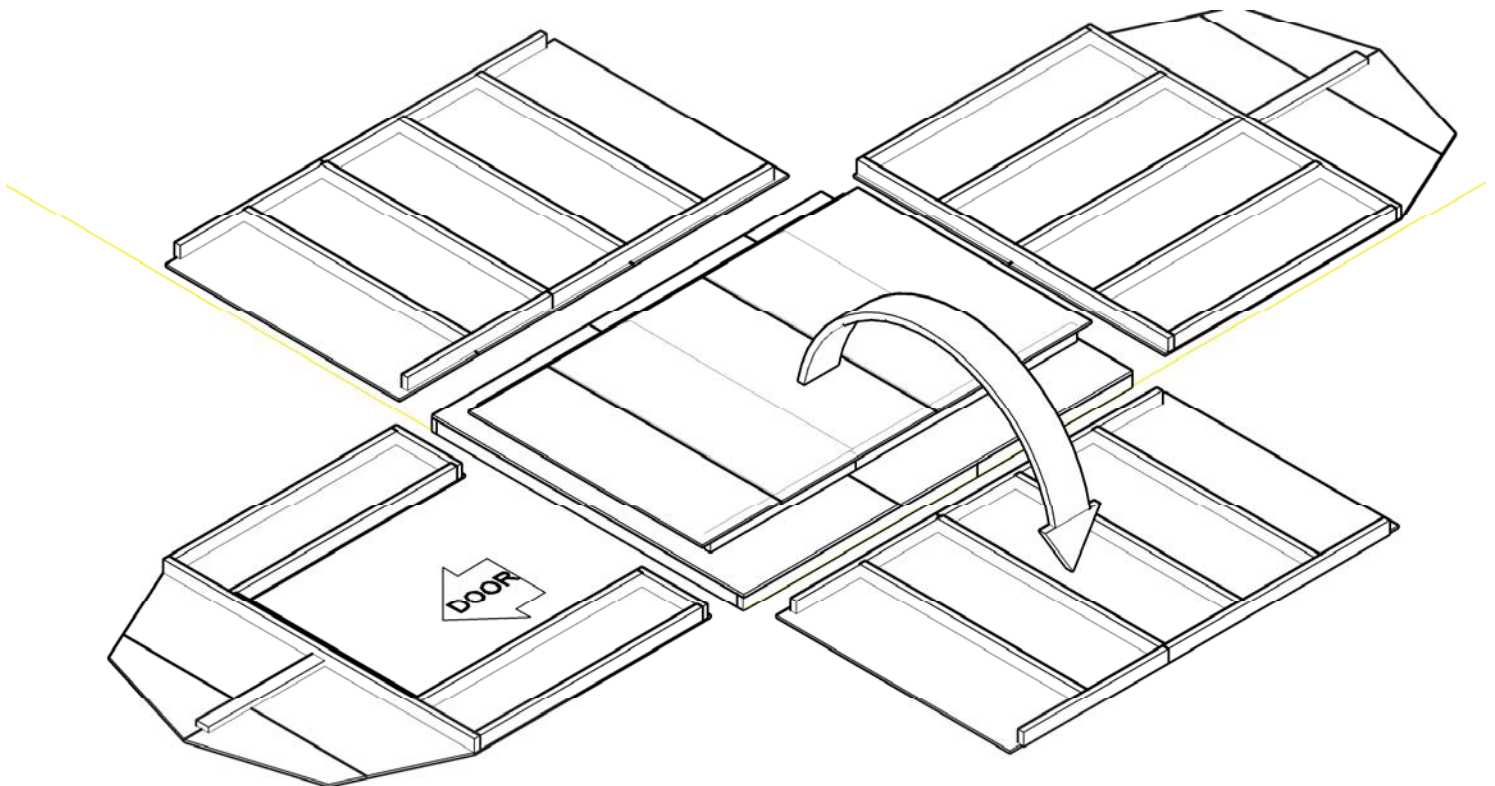
BACK WALL

Parts Required:

X2   2 x 4 x 96" | TP |
X5   2 x 4 x 68-13/16" | AEA |

Fasteners Required section

Fasteners Required:

X20   3" Nails

ASSEMBLY STEPS / NOTES:

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

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

Dimensions shown: 24", 24", 24", 24" across top; $1\frac{1}{2}$"; AEA x5; $68\frac{13}{16}$" AEA; $71\frac{13}{16}$"; TP x2; $1\frac{1}{2}$"; 96" TP

14

BACK WALL

Parts Required:

X1	$\frac{3}{8}$ x 48 x 96"	Wall Panel
X1	Gusset	
X1	2 x 4 x 36"	**SL**
X1	2 x 4 x 35-3/4"	**VS**

GAA
¾"
GAUGE
BLOCK

Fasteners Required:

X5	1-1/2" Nails
X45	2" Nails
X2	3" Screws

ASSEMBLY STEPS / NOTES:

1. Center gable panel cleat (**SL**) at the top of the panel and against the wall framing.

2. Place a 2 x 4 (**VS used here**) and a gusset under **SL** to support part **SL**.

3. Angle two 3" screws through **SL** into the top plate of the wall frame.

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

5. Use a 3/4" gauge block at inside edge of panel, and flush to outside edge. Panel is 1" down from bottom plate.

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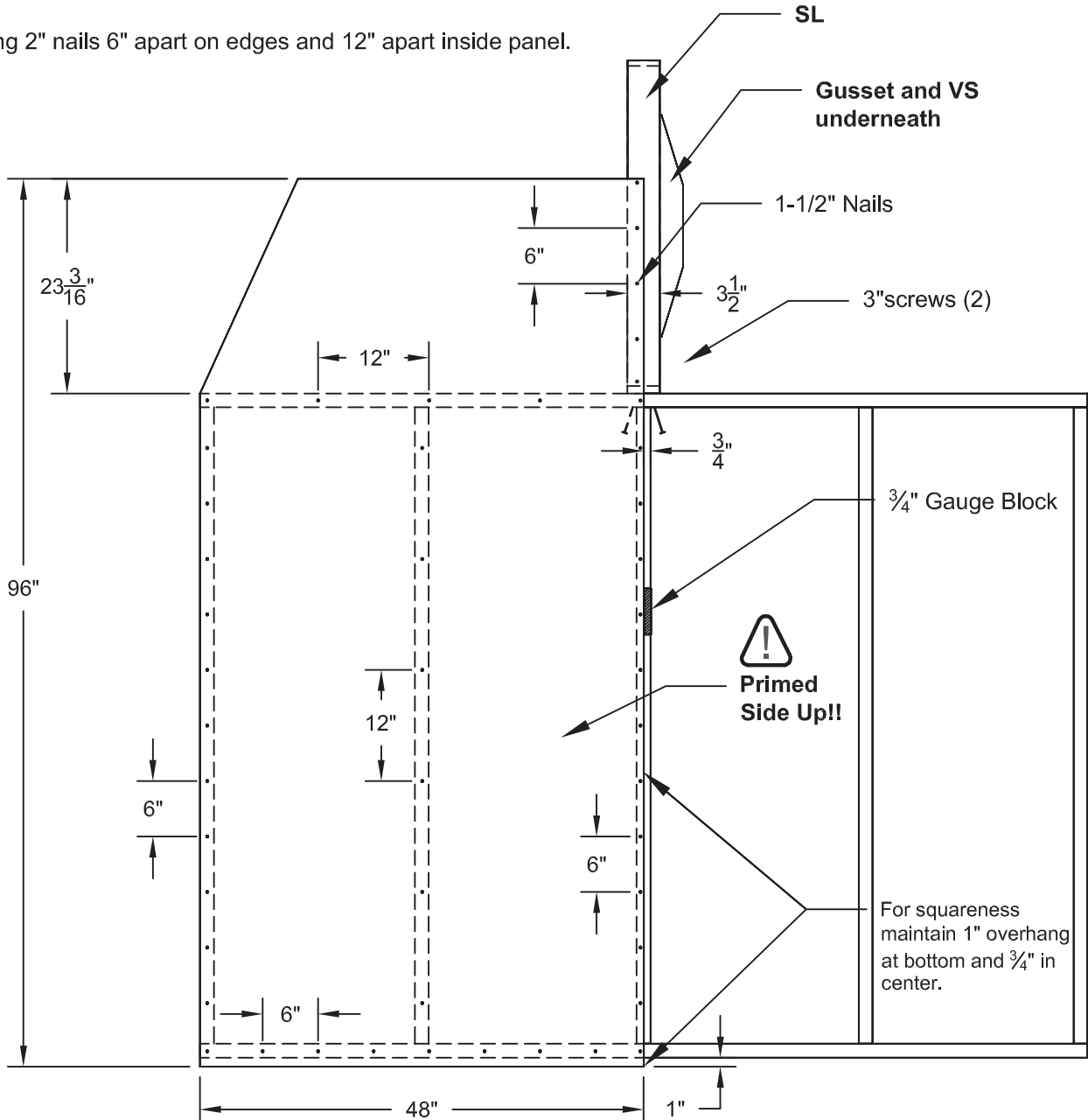
BACK WALL

Parts Required:

X1 $\frac{3}{8}$ x 48 x 96" Wall Panel
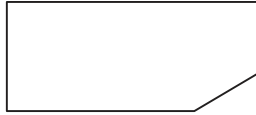
Fasteners Required:

X5 1-1/2' Nails
X42 2" Nails

ASSEMBLY STEPS / NOTES:

1. Place panel on frame as shown with primed side facing up.

2. Keep panel flush to left panel. Panel is 1" down from bottom plate.

3. Nail into place using 2" nails 6" apart on edge and 12" apart in center.

4. You have finished your Back Wall.
    Carefully flip the wall over.

1-1/2" Nails

For squareness maintain flush at edges.

6"

12"

⚠ **Primed Side Up!!**

96"

12"

6"

6"

6"

Flush

1"

48"
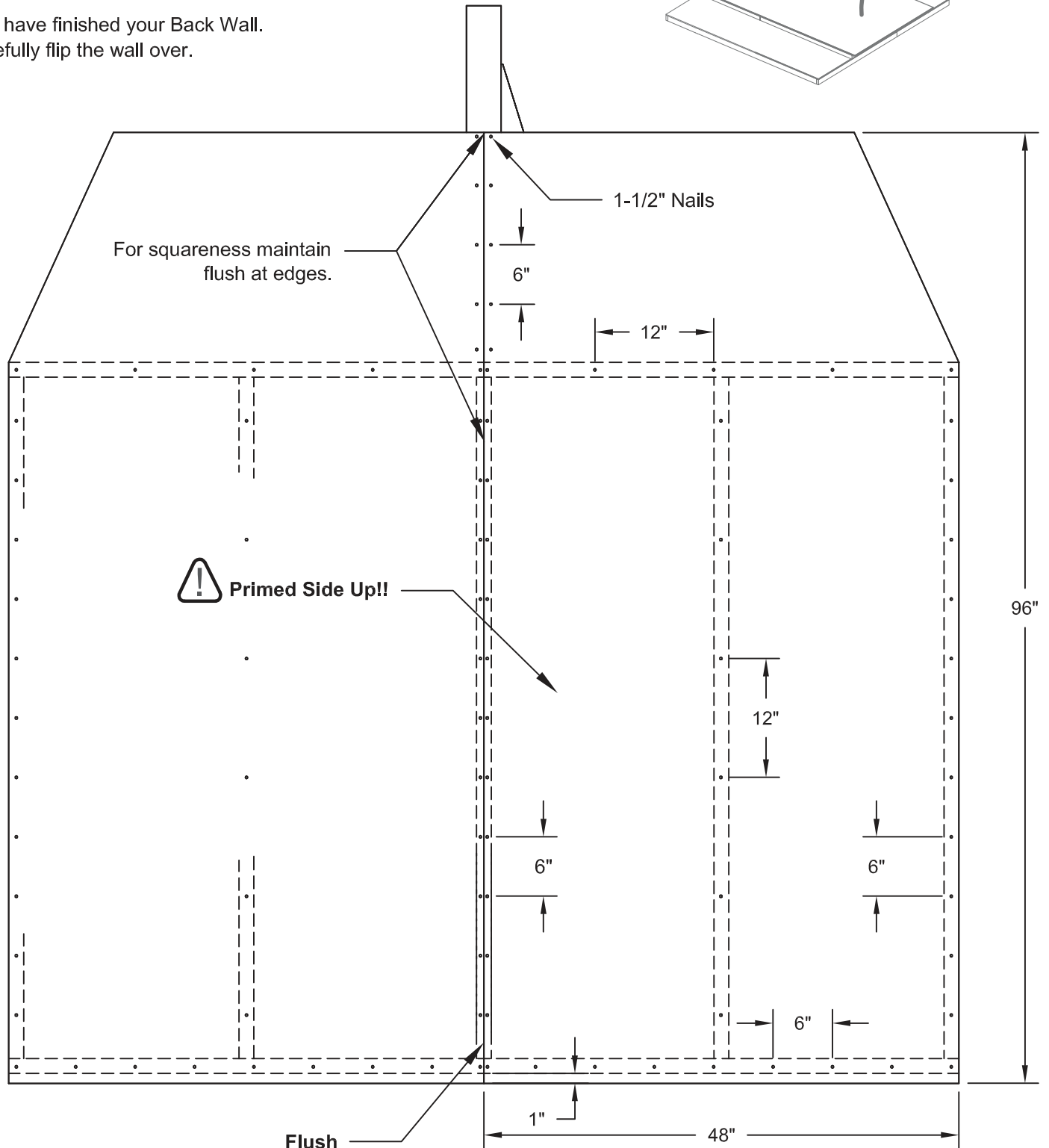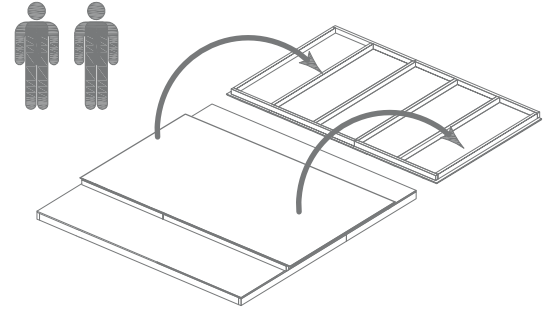
SIDE WALL

Parts Required:

X8	2 x 4 x 68-13/16"	AEA
X4	2 x 4 x 68-1/2"	YFA
X4	2 x 4 x 44-1/2"	STL

Fasteners Required:

X40   3" Nails

ASSEMBLY STEPS / NOTES:
!! YOU WILL BUILD TWO SIDE WALLS THE SAME !!

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

2. Attach with 3" nails, two at each connection. Angle nails at seams.

SIDE WALL

Parts Required:

X1   ⅜ x 48 x 72"   Wall panel

GAA
¾"
GAUGE
BLOCK
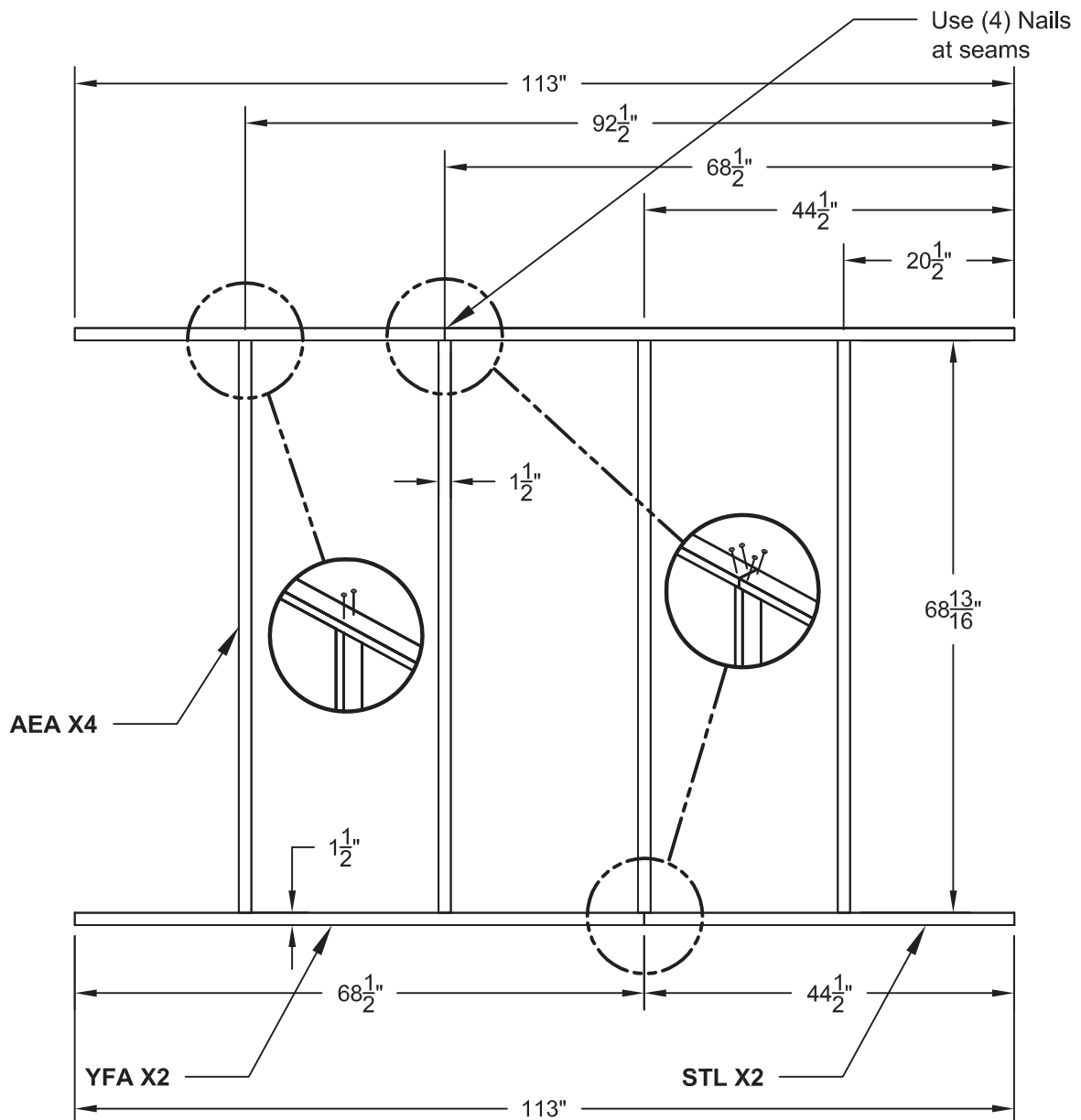
Fasteners Required:

X34   2" Nails

ASSEMBLY STEPS / NOTES:

1.   Place the 48 x 72" panel onto the wall frame with primed side up as shown. Use the gauge block (**GAA**) to mark the 3/4" measurement on the wall stud and top plate. Secure panel with two 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 two 2" nails (Fig. B).

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

¾" Gauge Block

For squareness maintain a ¾" space at the top and on stud.

¾"   48"   ¾"

! Primed Side Up!!

72"

¾" Gauge Block

12"

6"

1" Overhang at bottom

(2) Nails   **Fig. A**

¾" (1,9 cm)

Fig. B

¾" (1,9 cm)

(2) Nails

18
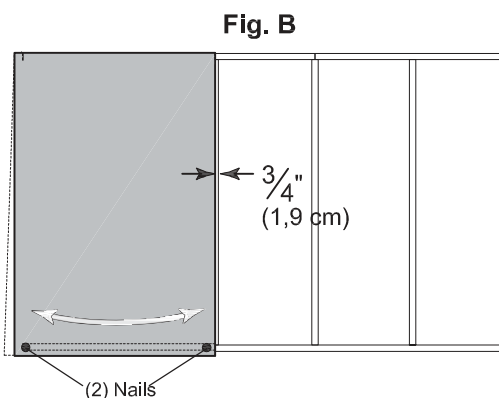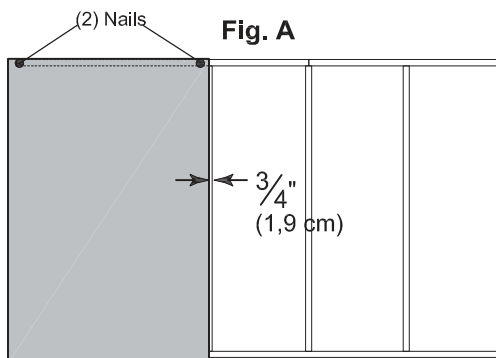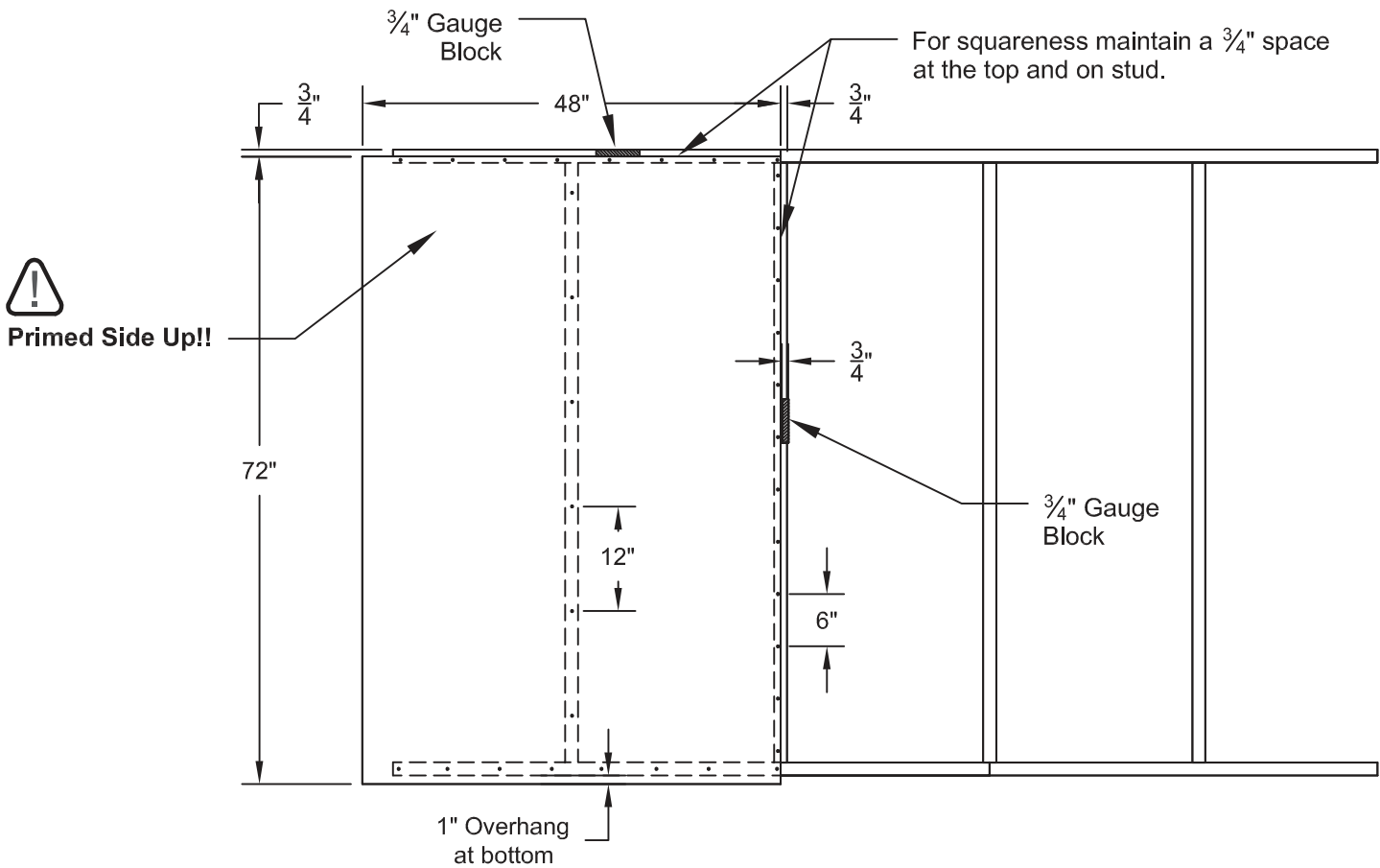
SIDE WALL

Parts Required:

X3   ⅜ x 48 x 72"   Wall panel

X2   ⅜ x 23-7/8 x 72   Wall panel

GAA
¾"
GAUGE
BLOCK
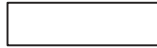
Fasteners Required:

X166   2" Nails

ASSEMBLY STEPS / NOTES:

1. Place the center 48 x 72" panel on frame as shown with primed side facing up. Nail the panel using 2" nails 6" apart on edges and 12" apart inside panel. Keep flush to the first panel and maintain 3/4" at top plate and stud.

2. Repeat this for the last panel.

3. Carefully flip the wall over and **repeat steps** to assemble the second Side Wall.

¾" Gauge Block

48"

¾"

¾"

⚠ For squareness maintain 3/4" on each edge.

12"

¾" Gauge Block

6"

Primed Side Up!! ⚠

1"

⚠ For squareness maintain 3/4" on edge.

23-7/8"

¾"

6"

Primed Side Up!!

6"

72"

1"
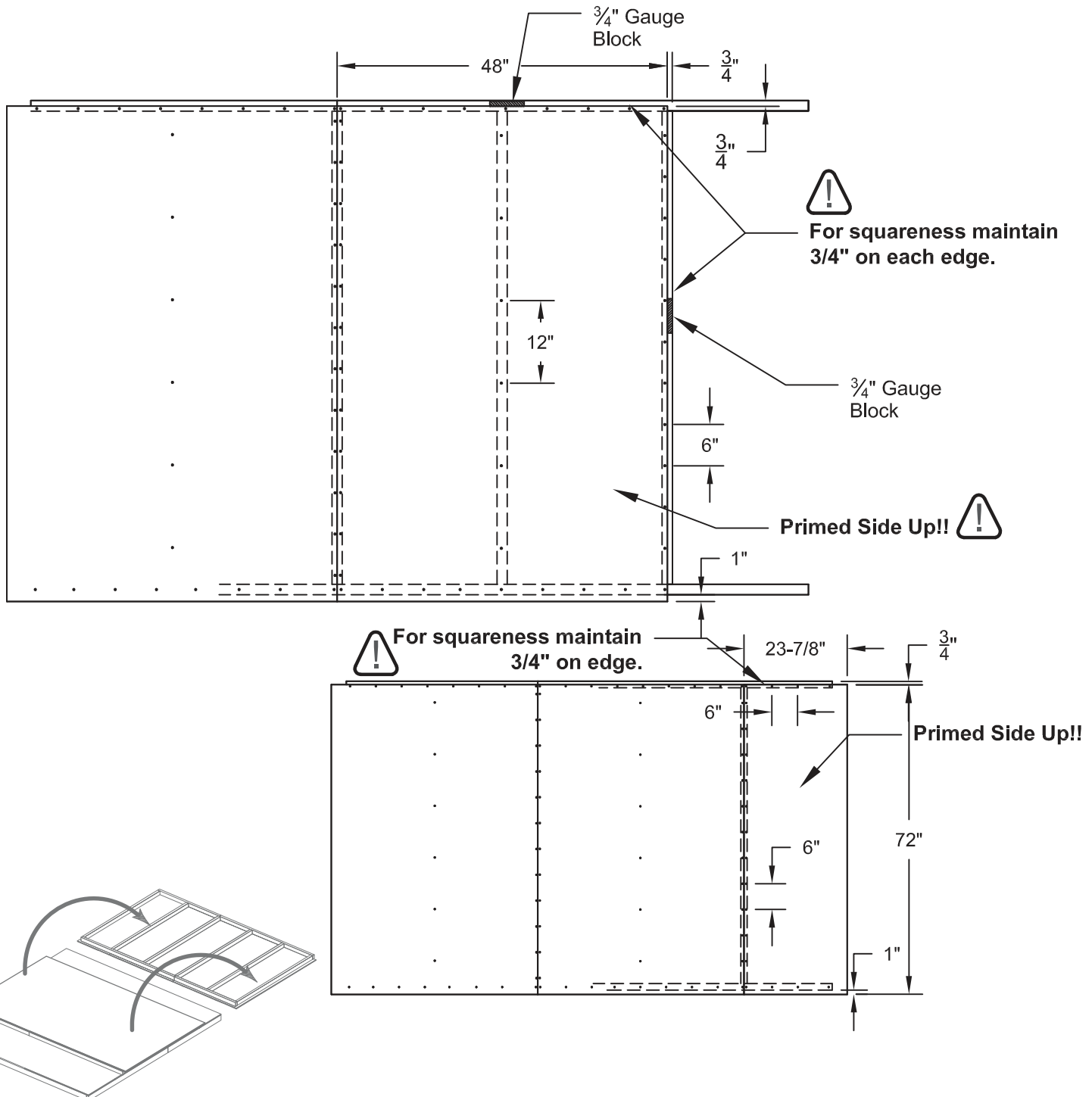
FRONT WALL

Parts Required:

X1	2 x 4 x 96"	TP
X4	2 x 4 x 68-13/16"	AEA
X2	2 x 4 x 20"	ABA
X1	1 x 4 x 56"	FEA

Fasteners Required:

| X16 | 3" Nails |
| X10 | 2" Screws |

ASSEMBLY STEPS / NOTES:

1. Orient parts on edge on floor as shown. Measure and mark. Attach with 3" nails, two at each connection.

2. Screw header with ten 2" screws through the header up into the top plate (Fig A).
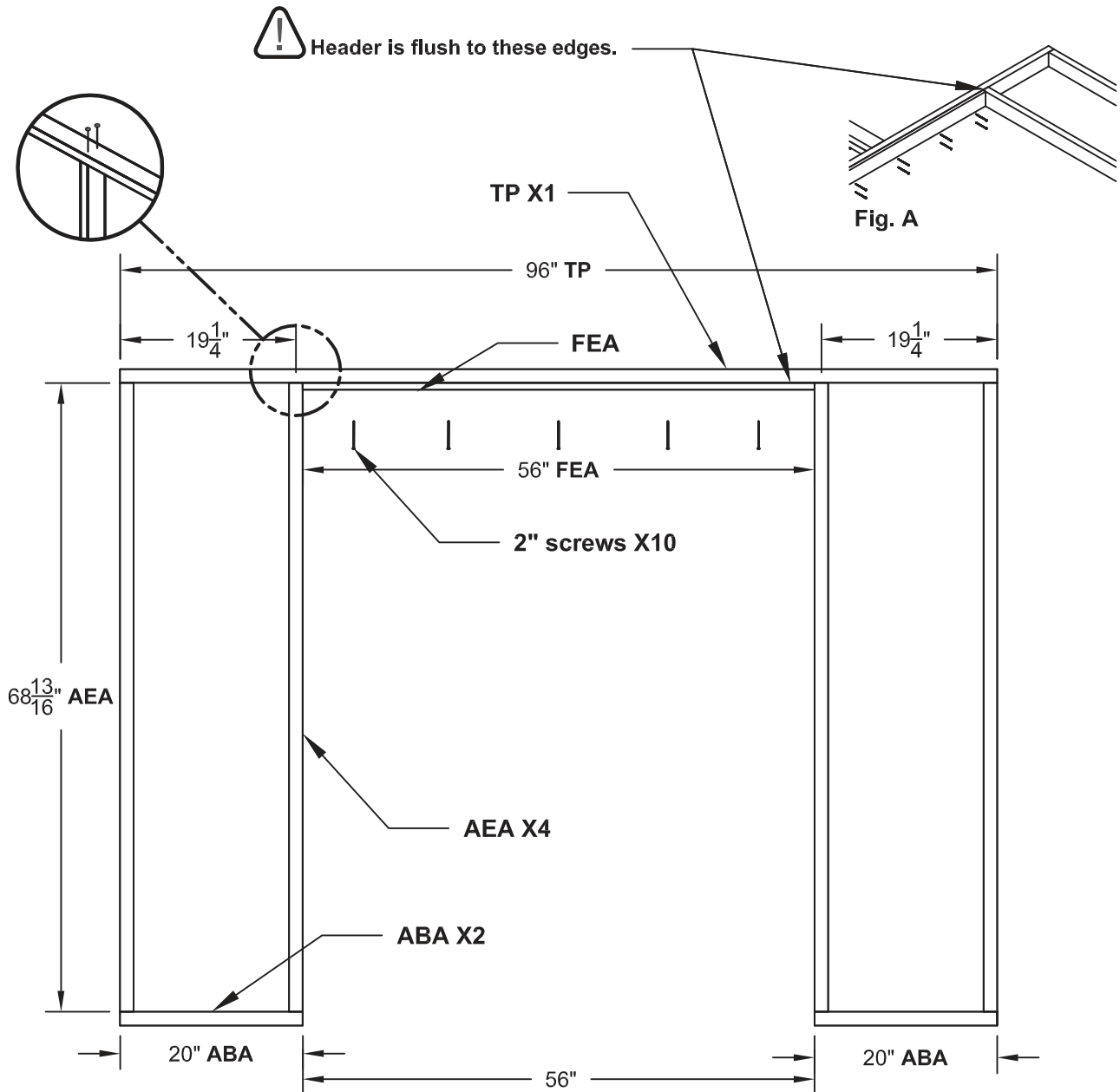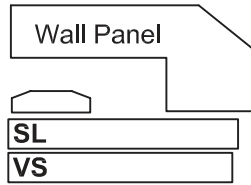
⚠ Header is flush to these edges.

Fig. A

TP X1

96" TP

$19\frac{1}{4}$" $19\frac{1}{4}$"

FEA

56" FEA

2" screws X10

$68\frac{13}{16}$" AEA

AEA X4

ABA X2

20" ABA   20" ABA

56"

20

FRONT WALL

Parts Required:

X1 $\frac{3}{8}$ x 48 x 96"

Wall Panel

X1   Gusset
X1   2 x 4 x 36"   **SL**
X1   2 x 4 x 35-3/4"   **VS**

Fasteners Required:

X5   1-1/2" Nails
X36   2" Nails
X2   3" Screws

ASSEMBLY STEPS / NOTES:

1. Center gable panel cleat (**SL**) at the top of the panel and against the wall framing. Place a 2 x 4 (**VS used here**) and a gusset under **SL** to support part **SL**.

2. Angle two 3" screws through **SL** into the top plate of the wall frame.

3. Place panel on frame, primed side up as shown and flush to outside edge. Panel is 1" down from bottom plate.

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

SL

Gusset and VS underneath

$1\frac{3}{4}$"

48"

1-1/2" Nails

6"

3"screws (2)

6"

$1\frac{1}{2}$"

6"

Primed Side Up!!

96"

6"

For squareness maintain flush.

1" Overhang at bottom.

20"
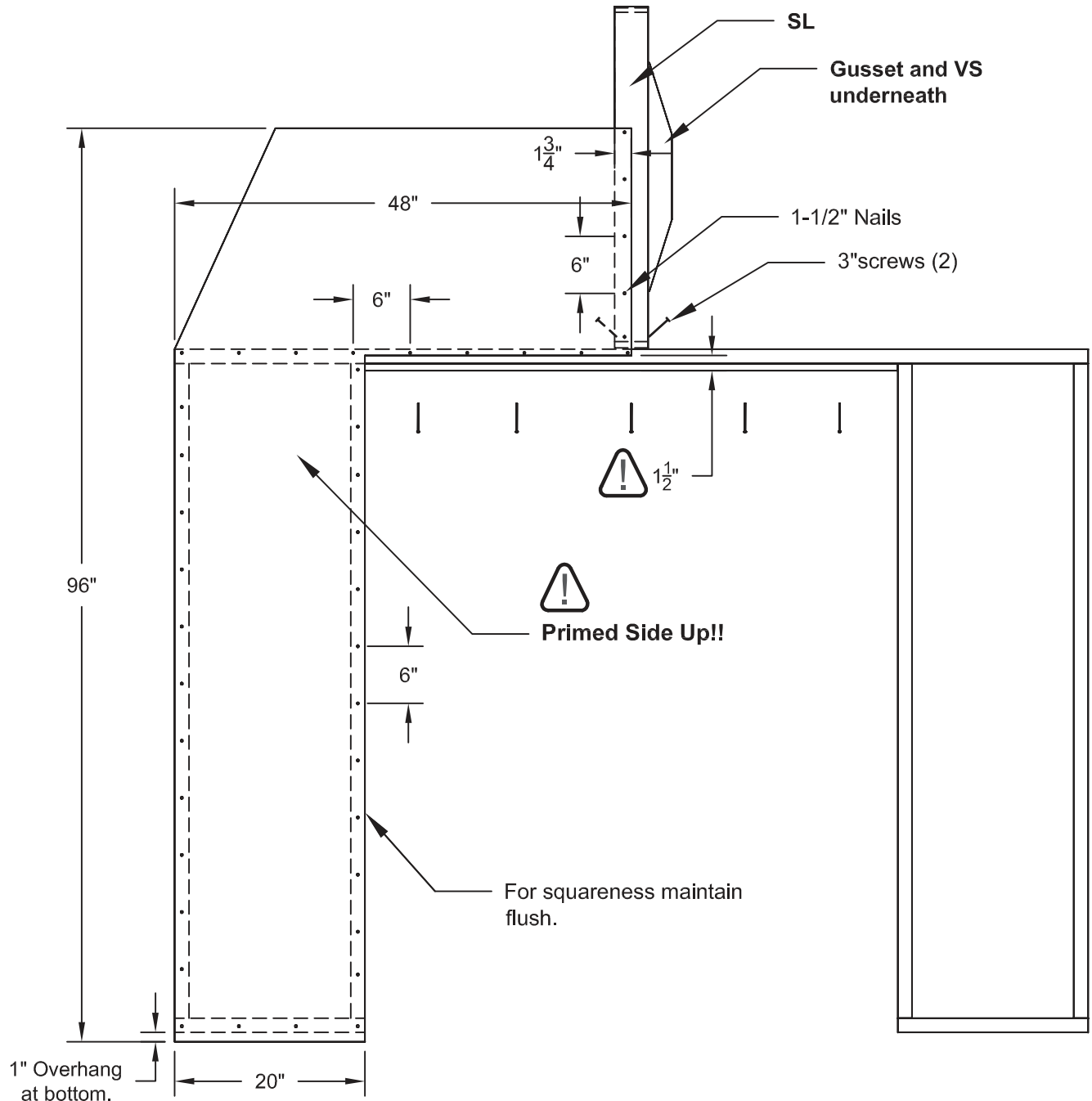
FRONT WALL

Parts Required:

X1   ⅜ x 48 x 96"   Wall Panel

X1   2 x 3 x 69"   **OO** Temporary Brace

Fasteners Required:

X5   1-1/2" Nails
X36   2" Nails
X2   3" Screws

ASSEMBLY STEPS / NOTES:

1. Place the 48" x 96" panel onto the wall frame with primed side up as shown. Keep panel flush with the vertical door edge, and flush with the previous wall panel with a 1-1/2" space on framing.

2. Nail the panel using 2" nails 6" apart on edges, and 1-1/2" nails into **SL**.

3. Attach brace **OO** with one 3" screw at each end to hold the 56" door opening.

4. You have finished your front wall.
   Carefully flip the wall over.

1-1/2" Nails in **SL**

For squareness maintain flush at both edges, and with other panel.

6"

6"

$1\frac{1}{2}$"

2" Nails

⚠ **Primed Side Up!!**

6"

⚠ 56" Hold this Door Opening Measurement

6"

OO

6"

1" Overhang at bottom

3" Screw at each end

Hold 56" door opening by attaching brace OO using two 3" screws.

STOP!
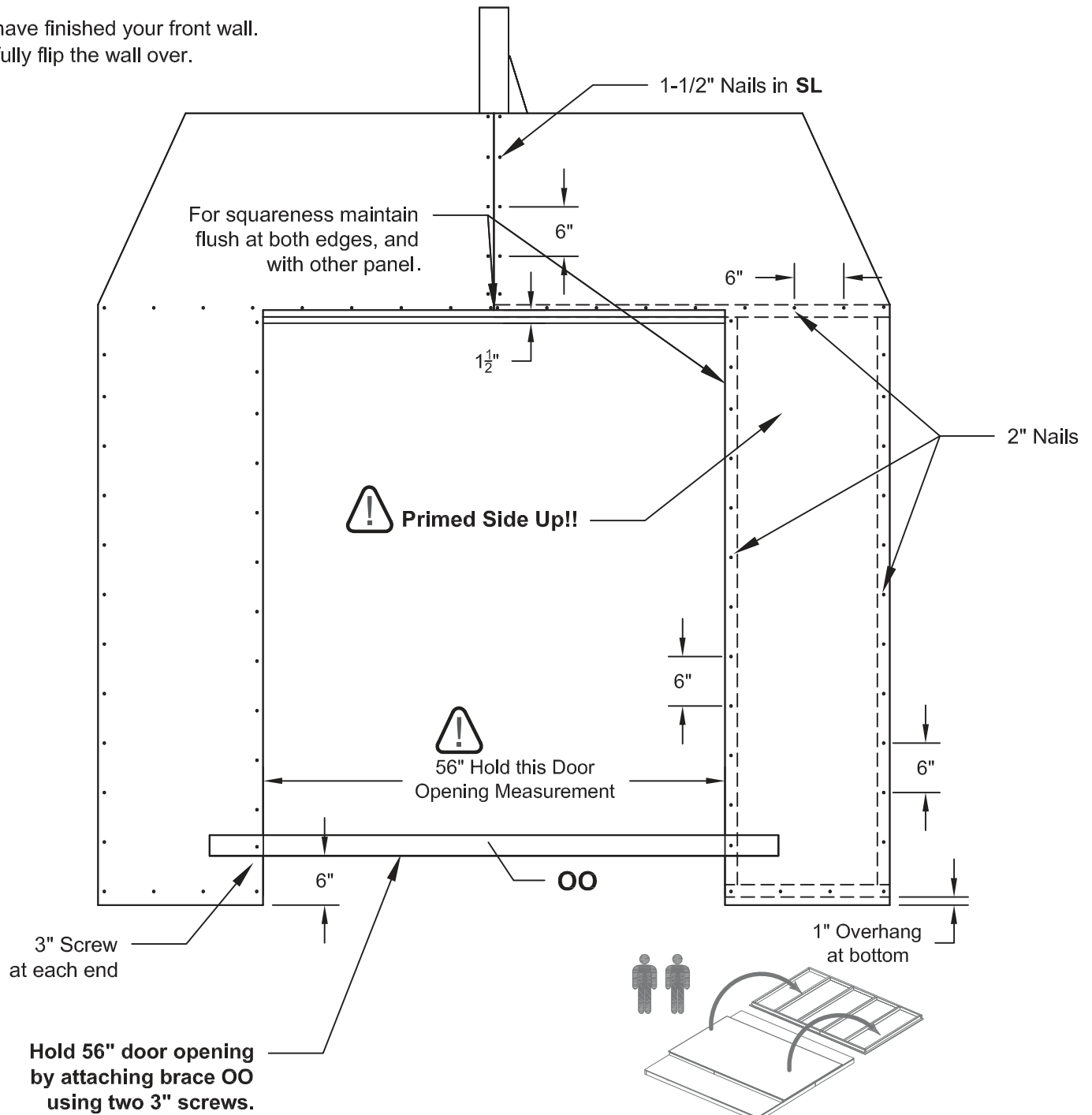
WHILE INSTALLING THE WALLS IT IS IMPORTANT TO BE AWARE OF THE FOLLOWING FRAMING CONDITIONS AND DIMENSIONS ...

ALL WALLS ARE ...
- LEVEL
- PLUMB
- SQUARE

THE FINAL DIMENSIONS WILL BE EQUAL
- FRONT TO BACK
- SIDE TO SIDE
- CORNER TO CORNER

These will be your final dimensions.

Corner to corner dimensions are taken from the corners of the frame and not the panel.
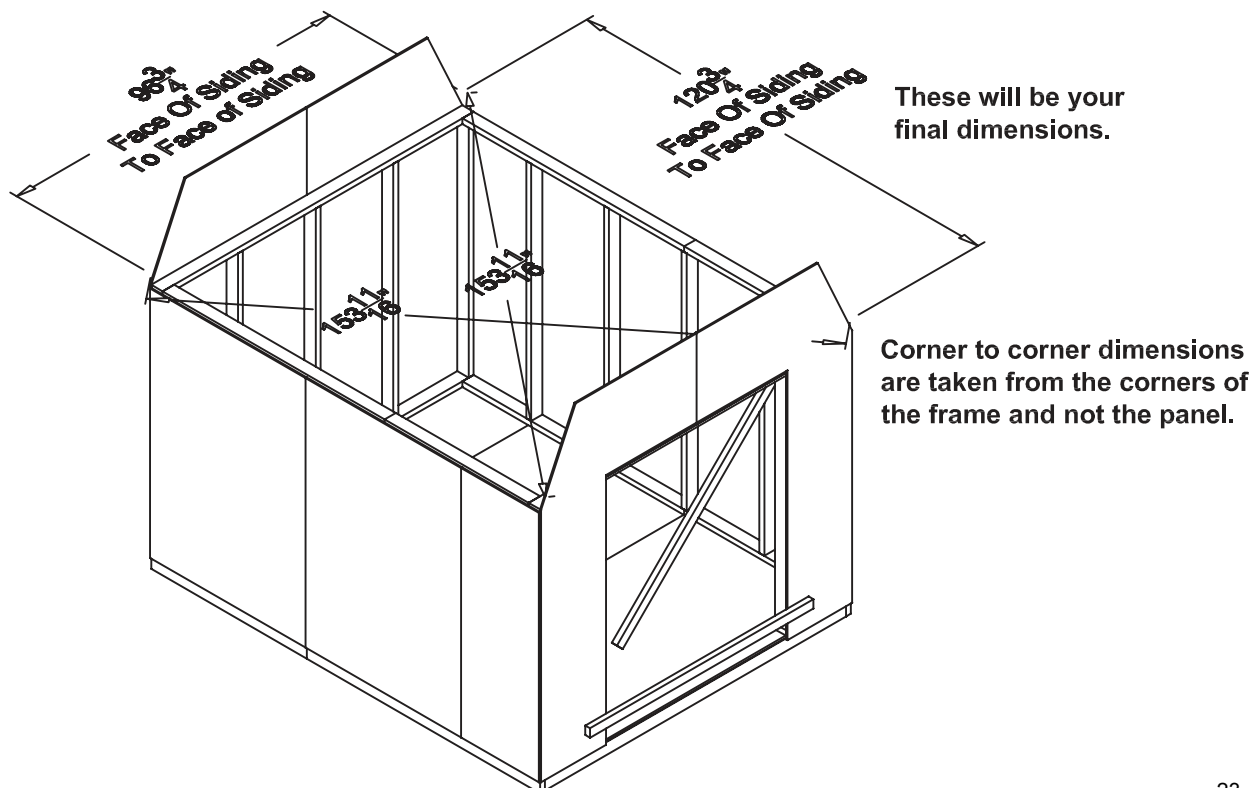
STANDING WALLS

Parts Required:

X1   Side Wall Assembly
X1   2 x 3 x 69" Temporary Brace   `[ OO ]`

Fasteners Required:

X10   3" Nails
X22   2" Nails
x2   3" Screws

ASSEMBLY STEPS / NOTES:

1. Stand side wall on floor. Overhang is to bottom of panel. Center side wall on the 120" floor dimension.

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

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

4. Second, nail through the bottom plate using two 3" nails between studs. Angle nails to hit floor frame. (Fig. A.)

Angle nails to hit floor frame

Fig. A

Nails 6" Spacing

Fig. B

(2) 3" Nails between studs

120"

1" Overhang

3" Screws

OO
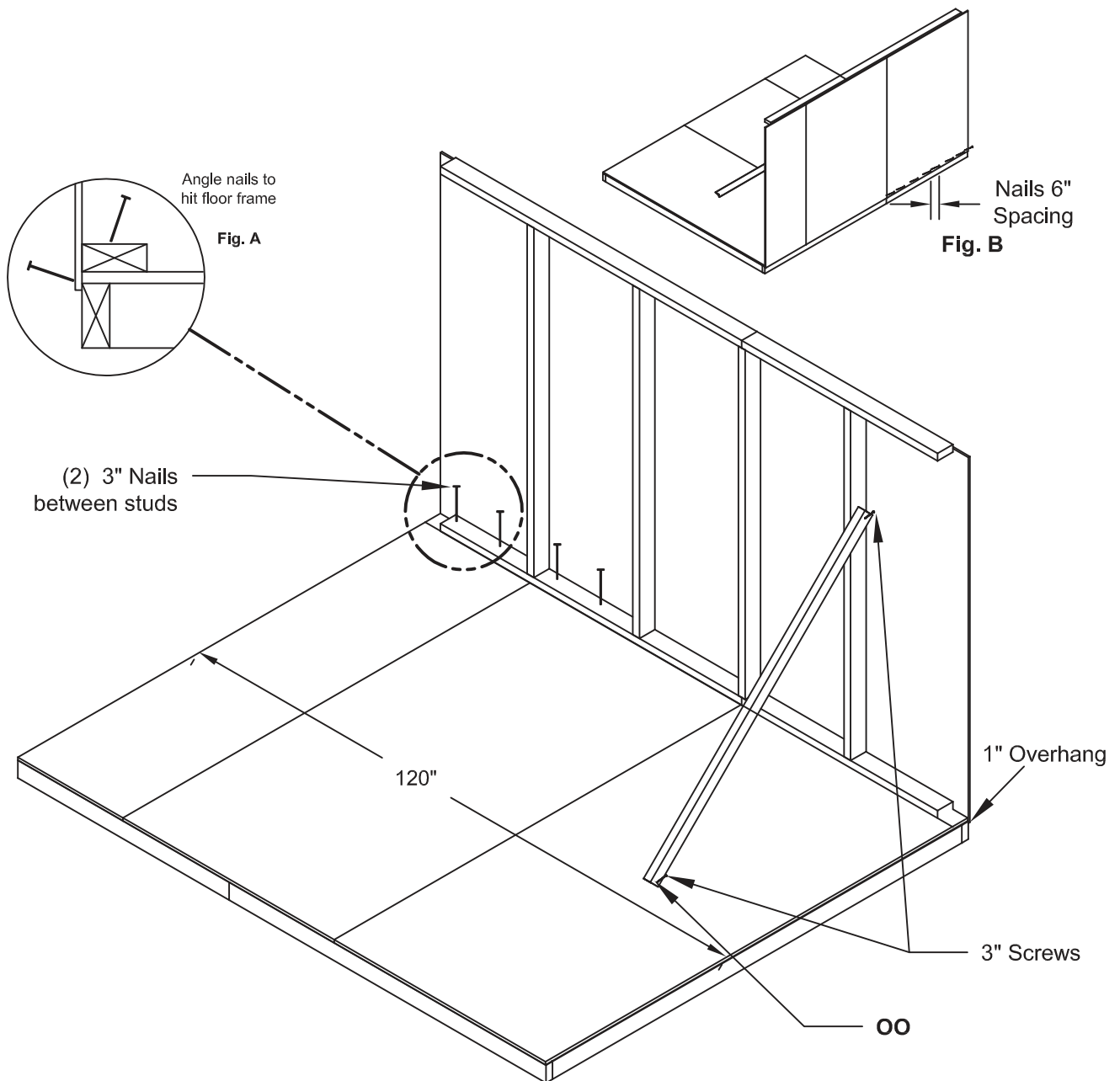
STANDING WALLS

Parts Required:
X1   Back Wall Assembly

Fasteners Required:
X12   1-1/2" Nails
X19   2" Nails
X8   3" Nails
X1   3" Screws

ASSEMBLY STEPS / NOTES:
It is important to secure the walls in the following order.

1.   Center back wall side-to-side on the 96" floor dimension.

    Nail the lower corner to the floor frame with one 2" nail each. Angle the nails to hit the floor frame (Fig. A)

3" Screw
from inside

2" Nail
Angle into
floor frame

Fig. D

96"

Framing is flush with
the edge of the floor.
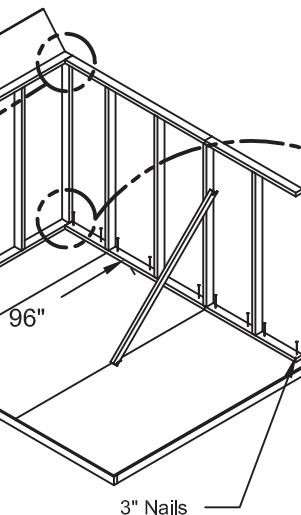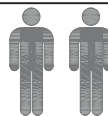
3" Nails

Fig. A

2.   Be sure the measurement between the panel edges is consistent along the entire length. Then secure with one 2" nail in the upper corner (Fig. B).

    Nail along the side panel edge into the frame using 1-1/2" nails spaced 6" apart.

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

2" Nail
Angle into
frame

1-1/2" Nails

Same
Measurement

Fig. B

6"

6"
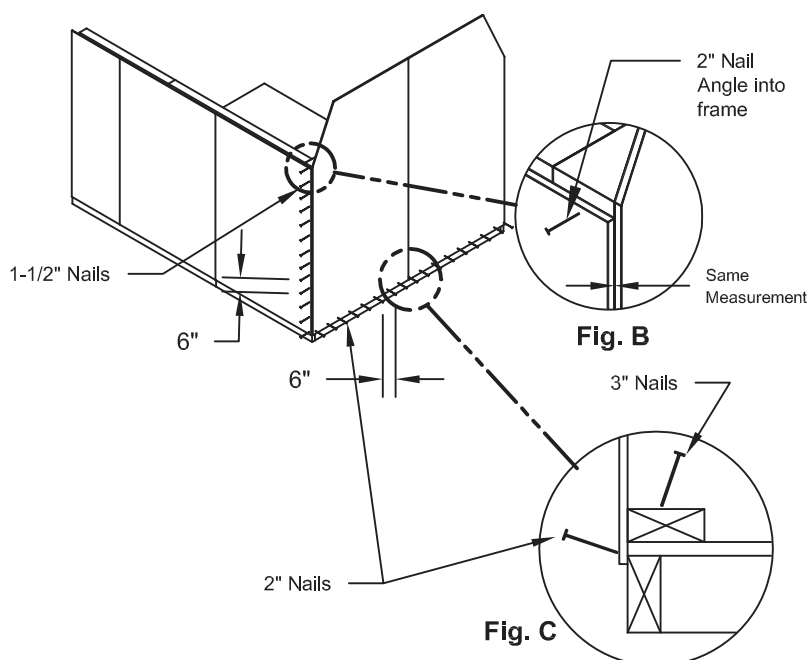
3" Nails

3.   From inside secure the back wall frame using two 3" nails between each stud, through the frame into the floor (Fig. C) and through the frame into the upper side wall rail (Fig D).

2" Nails

Fig. C

STANDING WALLS

Parts Required:

X1   Side Wall Assembly

Fasteners Required:

X1   3" Screws
X12   1-1/2" Nails
X27   2" Nails
X10   3" Nails

1.   Center side wall side-to-side on the 120" floor
      dimension.

      Nail the lower corner to the floor frame with one
      2" nail each. Angle the nails to hit the floor frame
      (Fig. A & B)
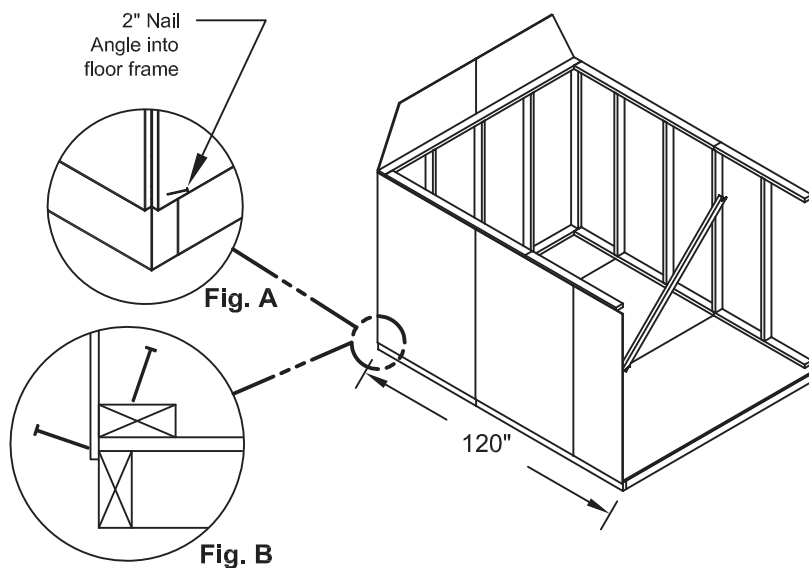
2" Nail
Angle into
floor frame

Fig. A

Fig. B

120"

2.   Be sure the measurement between the panel
      edges is consistent along the entire length. Then
      secure with one 2" nail in the upper corner (Fig.
      C).

      Nail along the side panel edge into the frame
      using 1-1/2" nails spaced 6" apart.

      Nail along bottom of panel using 2" nails 6" apart.
      Angle nail to hit floor frame (Fig. B).
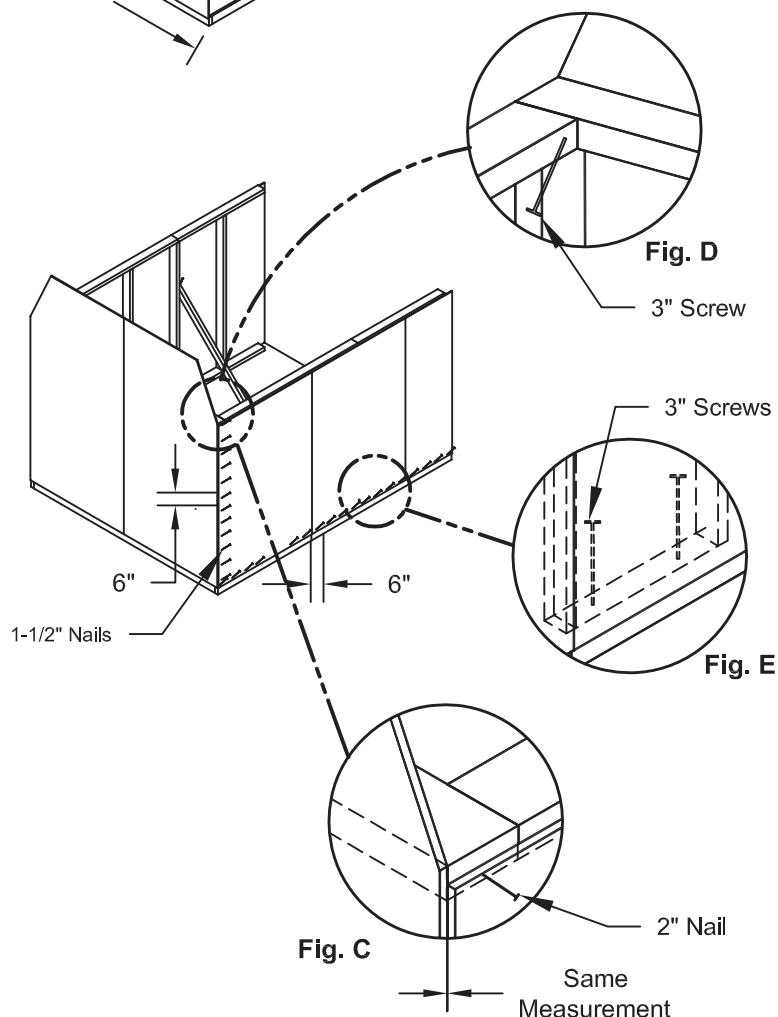
3.   From inside secure the side wall frame using two 3"
      nails between studs through the bottom plate into
      the floor. (Fig. B & E)

      Secure side wall top plate into back wall frame with
      3" screw. (Fig D)

Fig. D

3" Screw

3" Screws

6"   6"

1-1/2" Nails

Fig. E

Fig. C

2" Nail

Same
Measurement

STANDING WALLS

Parts Required:
X1   Front Wall Assembly

Fasteners Required:
X24   1-1/2" Nails
X12   2" Nails
x4   3" Nails
x2   3" Screws

ASSEMBLY STEPS / NOTES:
**It is important to secure the front wall in the following order.**
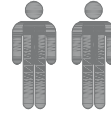
Begin by standing the front wall on the floor.

1.   Center front wall on floor side-to-side.
   Check the 56" door opening is held before nailing.

   Nail the front wall flush to the floor using 2" nails 6" apart. Angle nails to hit floor frame (Fig. A).
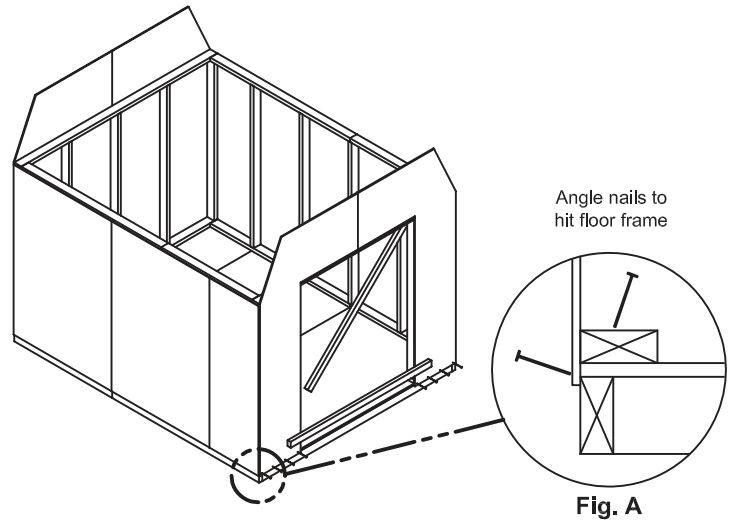
Angle nails to hit floor frame

Fig. A

2.   Be sure the measurement between the panel edges is consistent along the entire length. Then secure with one 2" nail in the upper corner (Fig. B).

   Nail along the panel edge into the frame using 1-1/2" nails spaced 6" apart.

6"
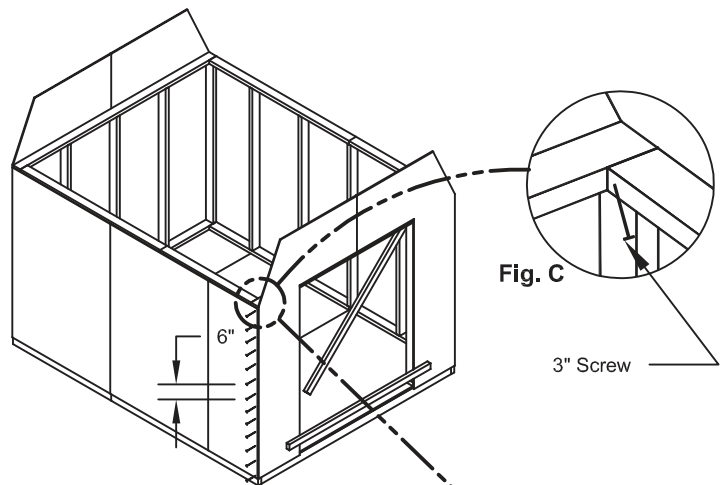
Fig. C

3" Screw

3.   From inside secure the front wall frame using 3" screws through the frame into the upper side wall plate (Fig C), and two 3" nails between studs through the bottom plate into the floor (Fig A & D).

   Move to the opposite side and repeat process.

   Remove the temporary braces.

   You have finished standing your walls.

Fig. B

2" Nail

Same Measurement

Fig. D
Remove angle brace
Remove door brace
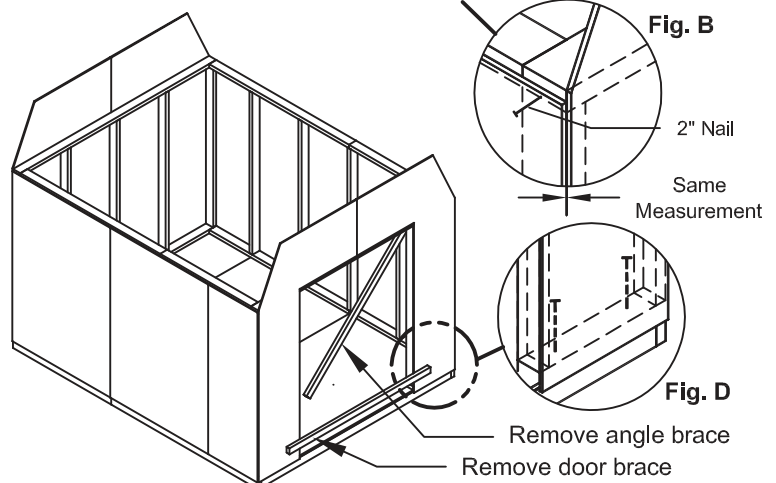
TRUSSES

Parts Required:

X12   Trusses

X10   Gussets

GAA
¾"
GAUGE
BLOCK

Fasteners Required:

X120   2" Nails

x2   3" Screws

ASSEMBLY STEPS / NOTES:

1. You will assemble (6) trusses. **(2) trusses have only ONE gusset. (4) trusses have TWO gussets** . Make a jig so trusses all have the same measurement using the shed floor and ¾" gauge block.

2. Measure 96" from the corner and screw down the ¾" gauge block securely.

3. Place truss parts in jig as shown. Apply glue to trusses where the gusset will fit (Fig B). The painted red ends of trusses must touch at the peak. Nail gusset to trusses with a ¼" offset using twelve 2" nails in pattern shown. (Fig. A)

4. On **TWO** trusses install **ONE** gusset. On **FOUR** trusses flip over truss assembly and attach a **SECOND** gusset.

(2) 3" Screws

Gauge Block

96"

1/4"　　　1/4"

Fig. A

Trusses touch at peak
*** Painted Red ***
Fig. B

Glue where
gusset installs

96"

96"

**Assemble TWO trusses
with ONE gusset**

**Assemble FOUR trusses
with TWO gussets**

28
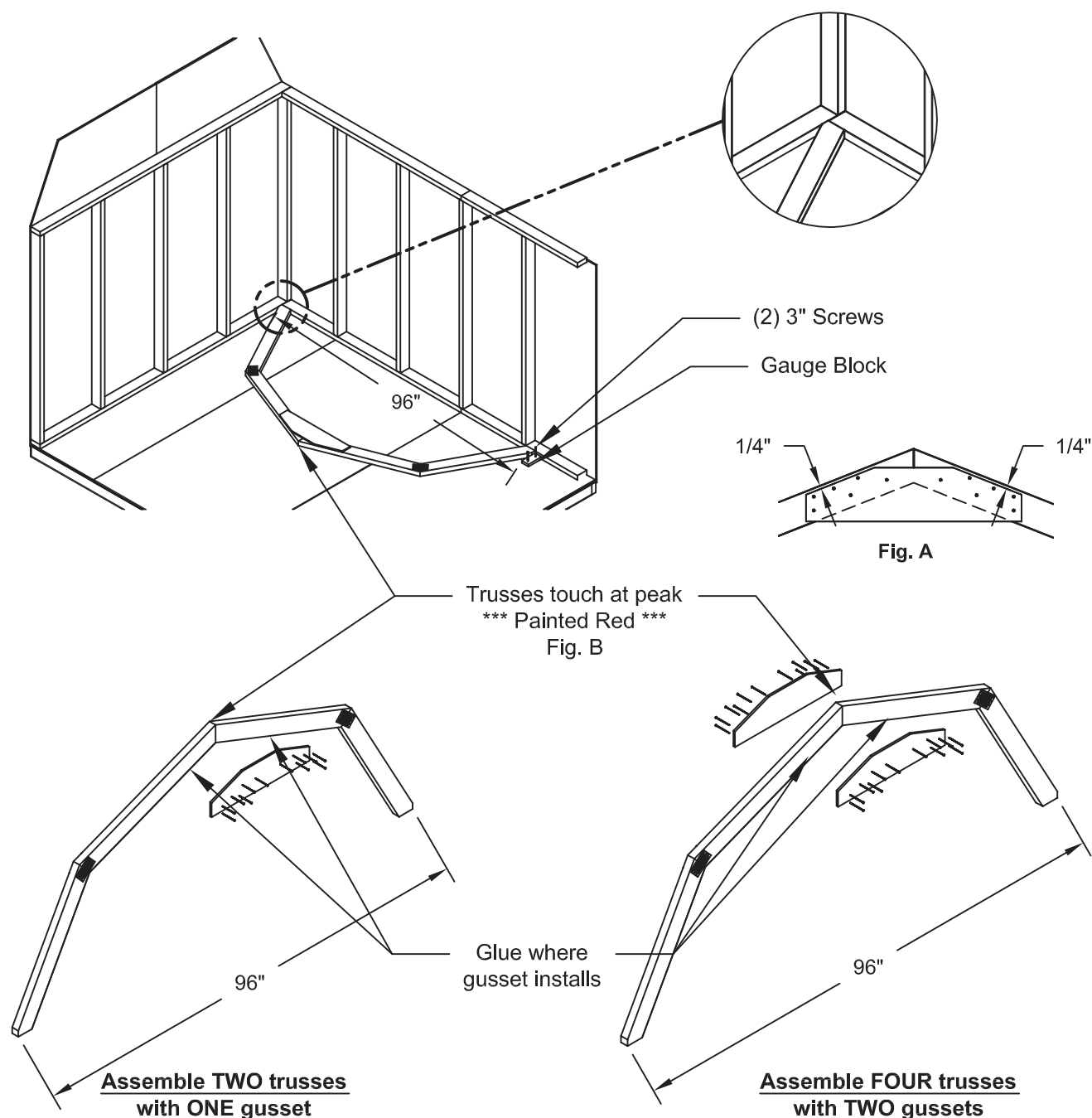
TRUSSES

Parts Required:
X4   Truss Assemblies w/2-Gussets
X2   Truss Assembly w/1-Gusset

Fasteners Required:
X20   3" Screws

ASSEMBLY STEPS / NOTES:

1. Mark top of wall frames to measurement shown.

2. Locate end trusses flush against inside of wall panel (Fig A). Secure end truss to wall panel using one 3" screw straight down from top of truss into the top plate (Fig. B). Move to the opposite end and repeat to secure the other truss end.

3. Center middle trusses on marks. Hold truss end flush to outside wall frame (Fig. A) and secure using 3" screws angled through truss into top plate (Fig. B). Move to the opposite end and repeat to secure the other truss end.

4. Repeat steps to attach all trusses.

3" Screw angled
to hit top plate

Fig. B

These measurements to
center of trusses

24"
From outside
of truss

24"

24"

24"

24"
From outside
of truss

3" Screws at ends
angled to hit
top plate

96"
All trusses are flush with inside of wall panels

Install end trusses
flush to the inside
of Front & Back
wall panels
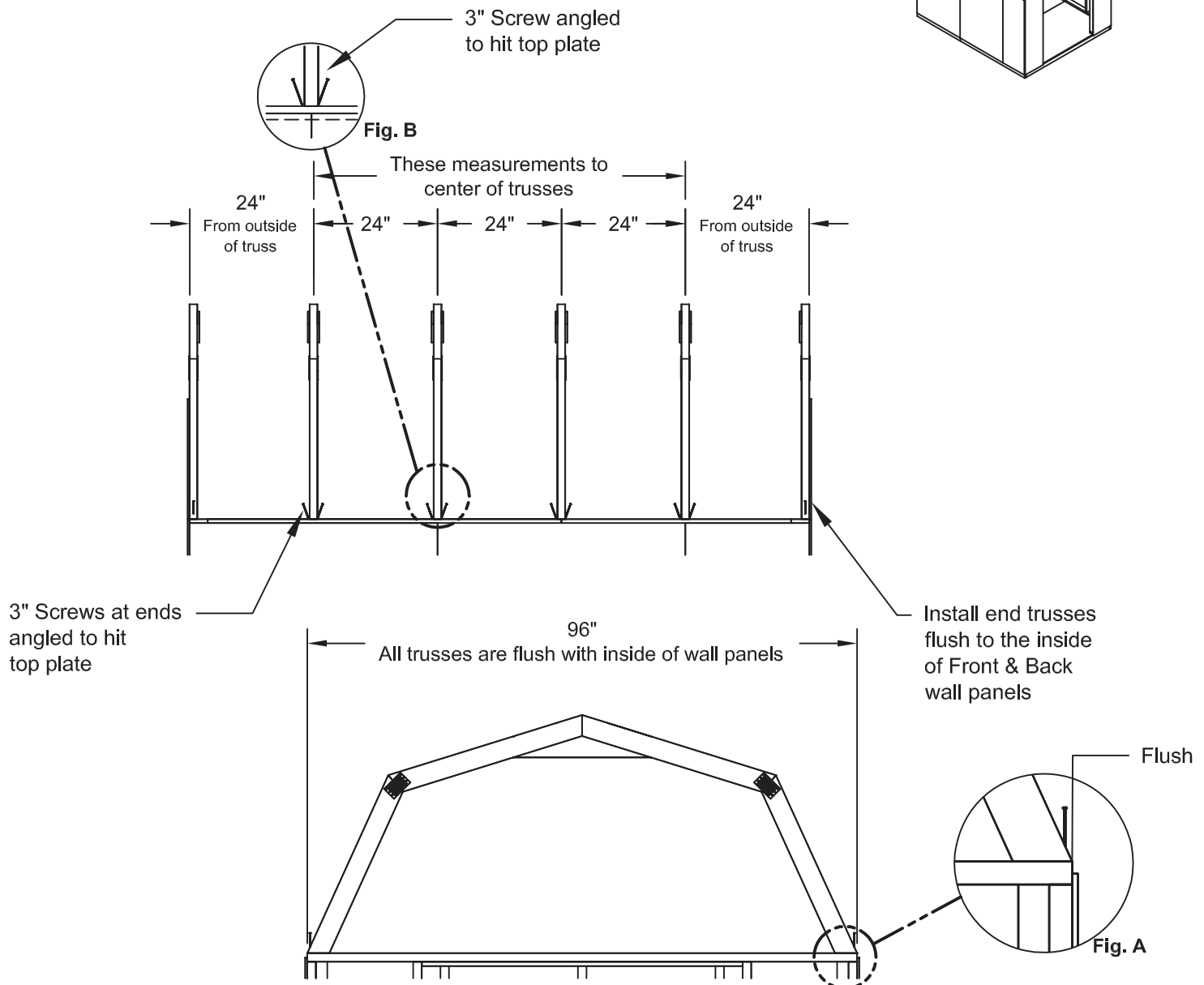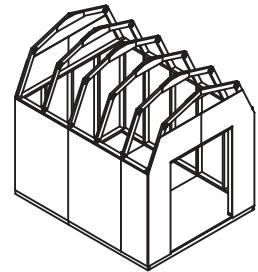
Flush

Fig. A

GABLE PANELS

Parts Required:
X2   Gable Panel Left
X2   Gable Panel Right

Fasteners Required:
X64   1-1/2" Nails

ASSEMBLY STEPS / NOTES:

1. Using 1-1/2" nails spaced 6" apart, nail the front wall panel to the truss (Fig A).

2. Locate left gable panel flush with the edges of the left front wall panel and nail to the truss and gable panel cleat **SL** using 1-1/2" nails 6" apart. Do the same for the right gable panel (Fig. B).

3. Repeat steps for the opposite side.

$3\frac{1}{2}$"

Fig. A

36"

SL Cleat

6"

1-1/2' Nails

Primed Side Out

Flush
Seams line up

6"

Fig. B
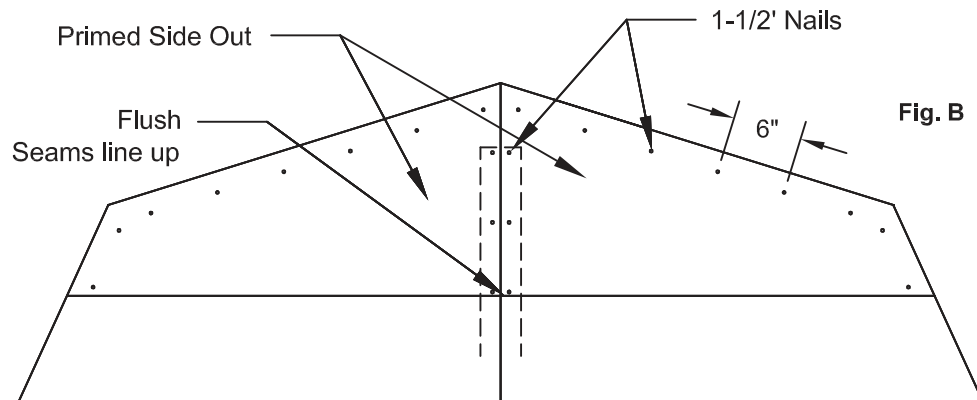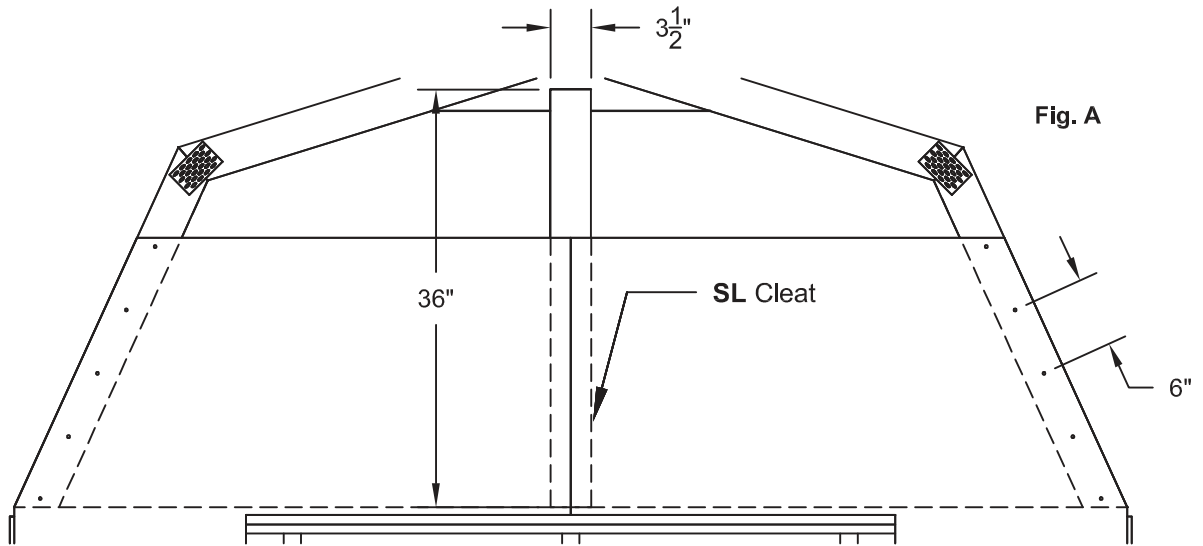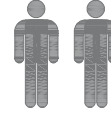
ROOF

Parts Required:

X1 $\frac{7}{16}$ x 35-3/8 x 96"   OSB Panel

GAA
¾"
GAUGE
BLOCK

Fasteners Required:

X4   2" Nails

ASSEMBLY STEPS / NOTES:

Roof panels may cause serious injury until securely fastened.

1. You must square the roof by attaching one panel first. You will use the panels' long edge as a lever to bring your roof into square. Commonly known as "racking".
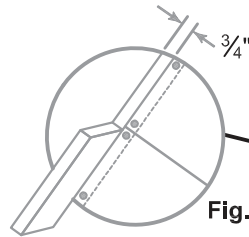
2. Attach the 35-3/8 x 96" panel with the rough side up (painted-grid lines side) with a 3/4" measurement on the truss (Fig A) and the panel flush at the peak (Fig. B).

    Secure panel with two 2" nails in the corners.

Flush

Two Nails

¾"

Fig. A
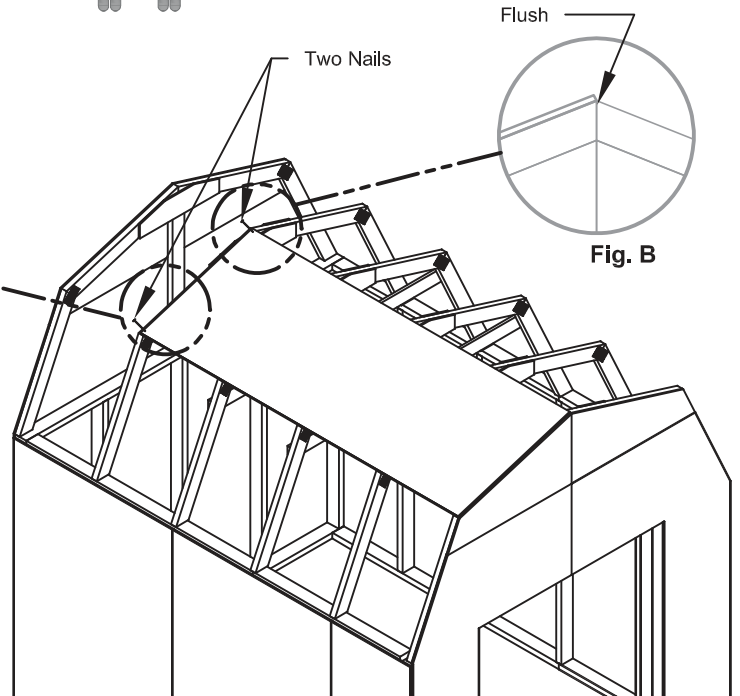
Fig. B

3. Move to the opposite end. Using the long edge of the panel as a lever move the panel side-to-side until the top corner is flush to the peak (Fig. C) and to the outside of the truss (Fig. D).

    Secure panel with two 2" nails in the corners.

Flush

Fig. C

Two Nails

Fig. D

Flush with truss edge

31
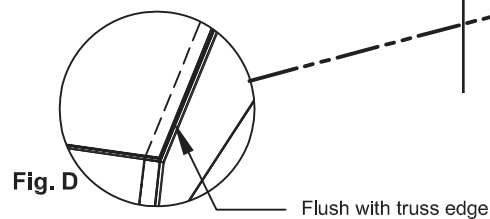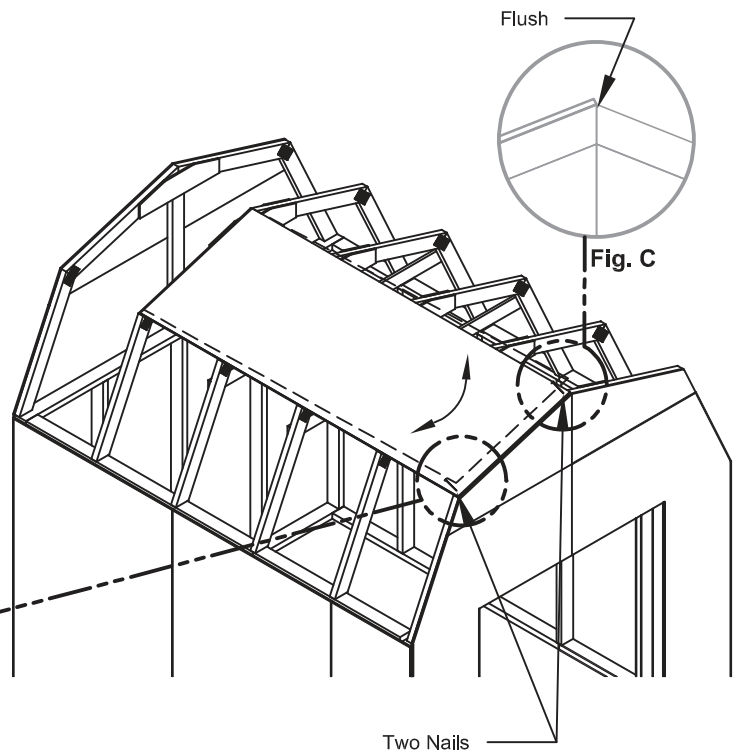
ROOF

Parts Required:

X1 $\frac{7}{16}$ x 35-3/8 x 23-7/8"   OSB Panel

X1 $\frac{7}{16}$ x 23-7/8 x 96"   OSB Panel

X1 $\frac{7}{16}$ x 23-7/8 x 23-7/8"   OSB Panel

GAA
3/4"
GAUGE
BLOCK

Fasteners Required:

X69   2" Nails

ASSEMBLY STEPS / NOTES:

Roof panels may cause serious injury until securely fastened.

4. Keep spacing between the center of the trusses at the lower edge of the panel, and secure with one 2" nail into each truss (Fig. E).

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

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

   Attach the 35-3/8 x 23-7/8" roof panel flush to first panel along edge, flush with the peak (Fig. F), and flush with the truss edge (Fig G).
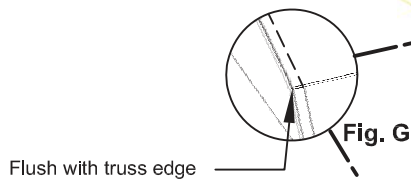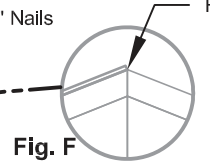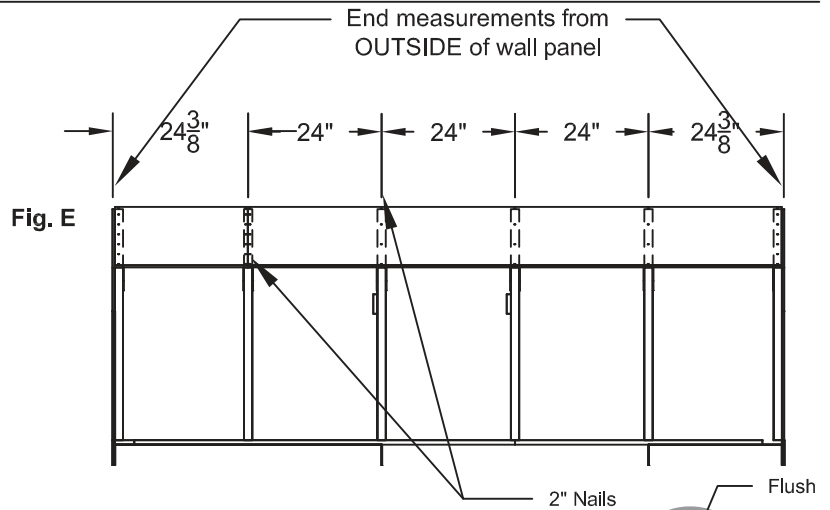
5. Attach one lower 23-7/8 x 96" roof panel flush to the installed panel along the peak with a 3/4" measurement on the truss (Fig. H & I) and flush with the truss edge (Fig G).

   Nail the roof panels using 2" nails 6" apart on the outside and 12" apart on the inside.
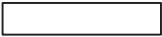
6. At one end attach a 23-7/8 x 23-7/8" roof panel flush to the installed lower panel along the edge and the upper panel along the peak (Fig. H) and flush to the truss edge (Fig G).

   Nail the roof panel using 2" nails 6" apart.

End measurements from OUTSIDE of wall panel

$24\frac{3}{8}$" — 24" — 24" — 24" — $24\frac{3}{8}$"

Fig. E

2" Nails

Flush

Fig. F

Fig. G

Flush with truss edge

Flush

Flush with truss edge

Flush

Fig. H

3/4"

Fig. I
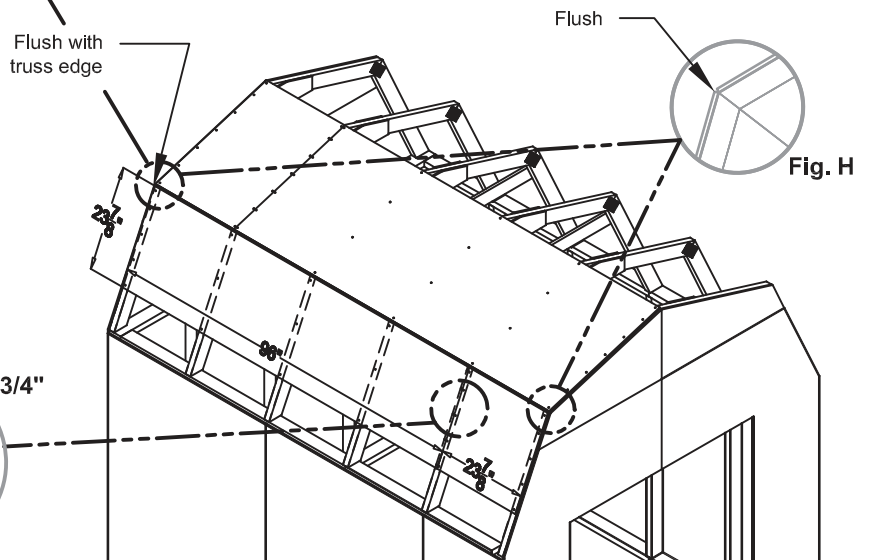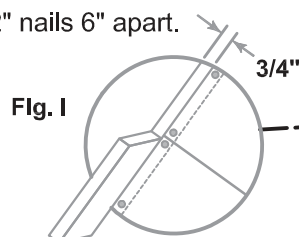
ROOF

Parts Required:

X2 $^{7}/_{16}$ x 11-1/2 x 96"   OSB Panel

X2 $^{7}/_{16}$ x 11-1/2 x 23-7/8"   OSB Panel

X1 $^{7}/_{16}$ x 35-3/8 x 23-7/8"   OSB Panel

X1 $^{7}/_{16}$ x 23-7/8 x 96"   OSB Panel

X1 $^{7}/_{16}$ x 23-7/8 x 23-7/8"   OSB Panel

X1 $^{7}/_{16}$ x 35-3/8 x 96"   OSB Panel

Fasteners Required:

X97   2" Nails

GAA
¾"
GAUGE
BLOCK

ASSEMBLY STEPS / NOTES:

Roof panels may cause serious injury until securely fastened.

7. Attach roof panel 11-1/2" x 96" flush with the installed roof panel, and with a 3/4" measurement on the truss (Fig J) and flush with truss edge (Fig K).

3/4"

Fig. J

96"

Flush with truss edge
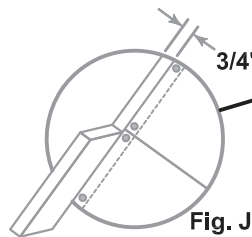
Fig. K

8. Attach the last roof panel 11-1/2 x 23-7/8 flush with the installed roof panels.

Flush to truss edge

23-7/8"

Flush to gable panel

9. Repeat process to install roof panels on the opposite side.
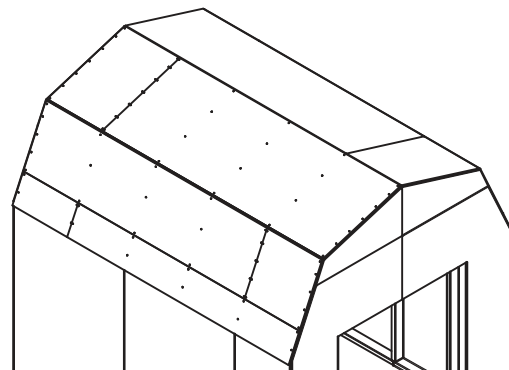
COLLAR TIES

Parts Required:

X2   1 x 4 x 72"   **WO**

Fasteners Required:

X12   2" Nails

ASSEMBLY STEPS / NOTES:

1.   Locate collar tie on the truss shown.

2.   Level and then nail using 2" nails.

Collar tie on the
backside of this truss

Level collar tie

2" Nails

72"

WO
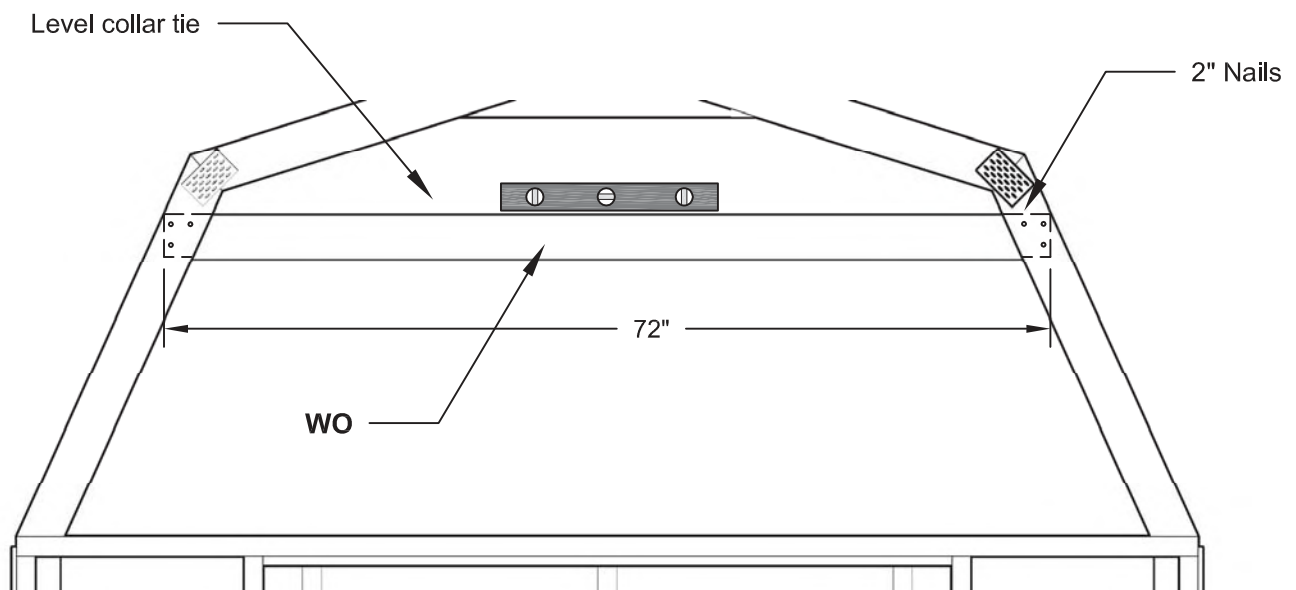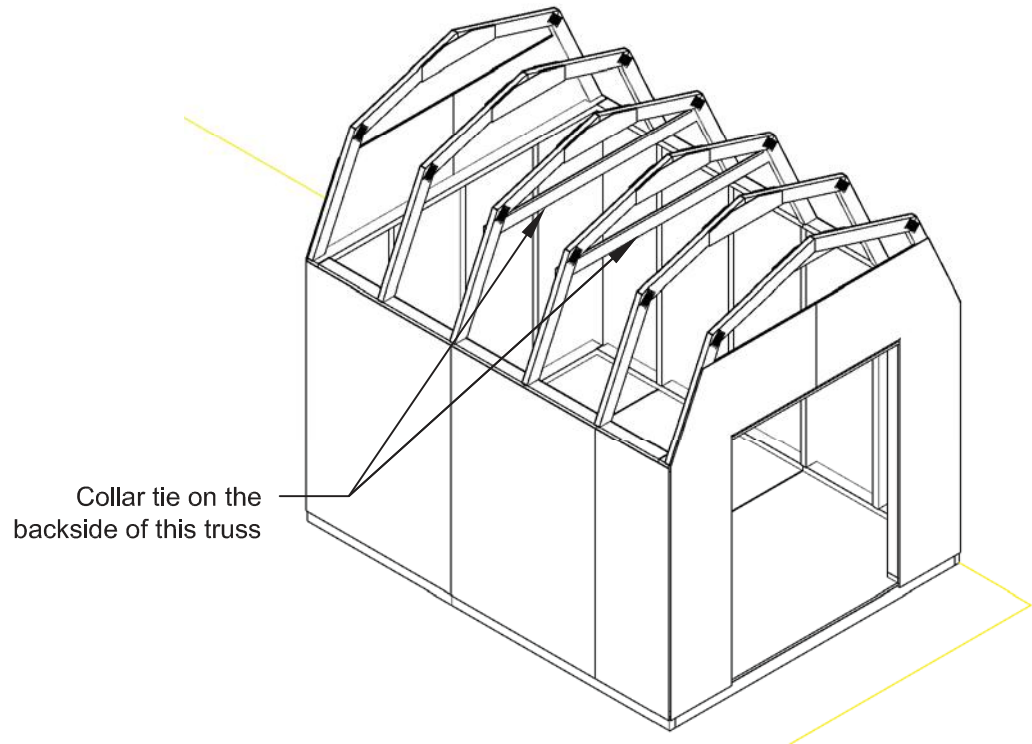
DOORS

Parts Required:

X1   Right Door
X1   Left Door

X1   2 x 3 x 69"   OO

GAA
¾"
GAUGE
BLOCK

Fasteners Required:

X4   3" Screws
X2   1-1/4" Screws
X38   ¾" Screws

ASSEMBLY STEPS / NOTES:

1. Reinforce the doors using ¾" screws from behind the door into the trim. Hint - lay doors flat (Fig. A) for easier screw installation. Install screws to the pattern shown (Fig B).

2. Flip doors back over and orient the doors together so the ⅜" offset is to the same side (Top of door) as shown. Look for GREEN for LEFT door and RED for the RIGHT door. The bottom edges of the doors are flush.

3. Screw on temporary supports across the door trim (Fig C). Use **OO** and **GAA** and tighten screws so the point is flush with the back of the door.
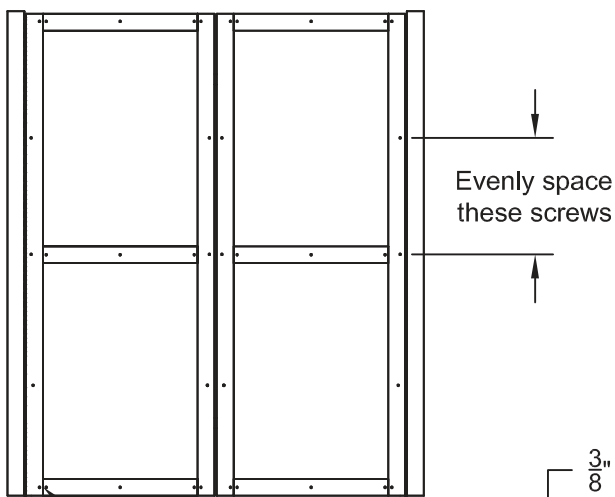
Evenly space these screws
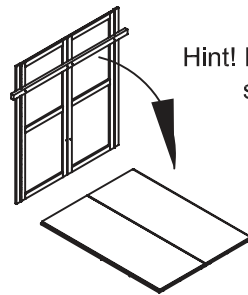
Hint! Lay doors flat and install screws from behind

Fig. A

Fig. B

(2) Screws at seams

⚠ **The ⅜" offset is the top of the door**

Green - Left   Red - Right

⅜" Offset   ⅜"   ⅜" Offset

⅜" Spacer

(4) 3" Screws in **OO**
Tighten until screw point is flush with back of door

(2) 1-1/4" Screws in **GAA**
!! Tighten securely !!

OO

GAA
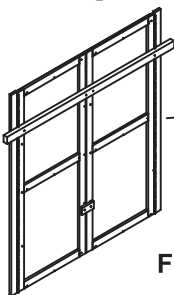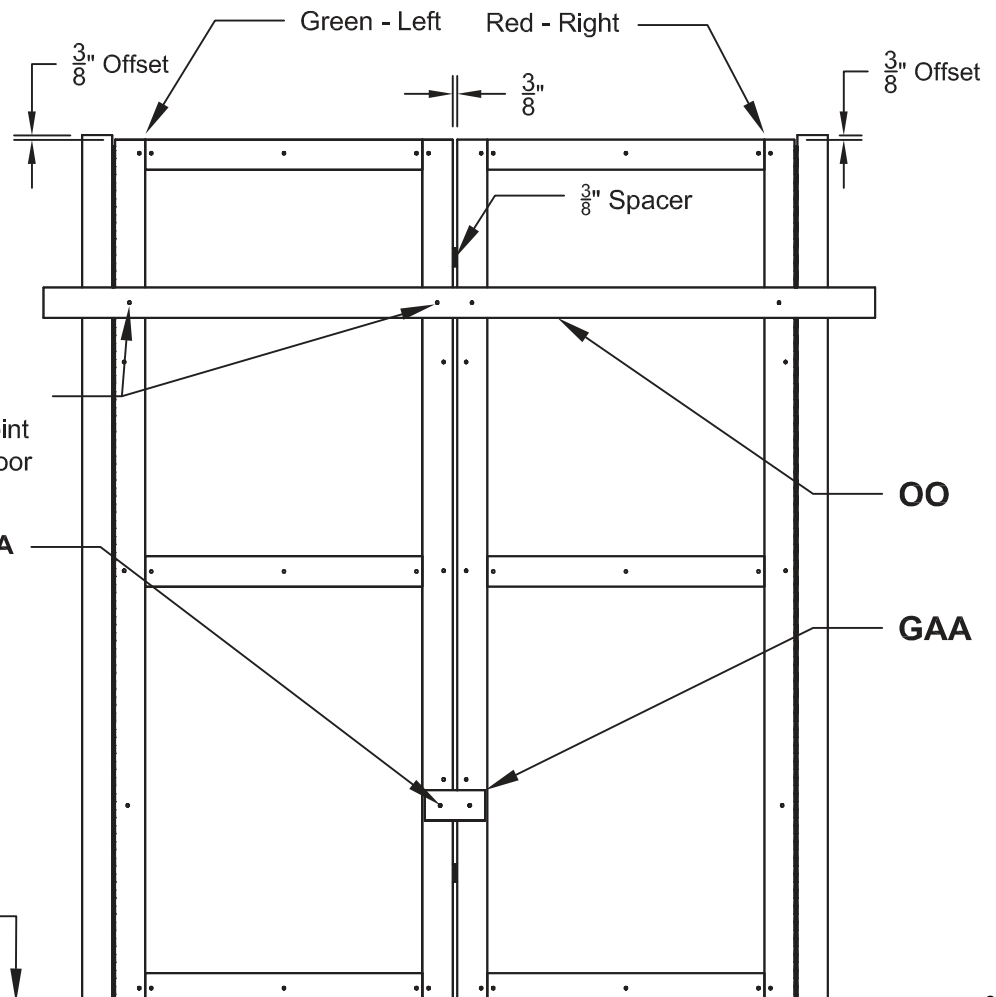
Fig. C

Bottom of doors are flush

DOORS

Parts Required:

X1 $\frac{19}{32}$ x 2 $\frac{1}{2}$ x 63" | WR |
X1   2 x 3 x 69" | OO |
X1   Door Assembly

Fasteners Required:

X5   2" Finish Nails
X10   3" Screws

ASSEMBLY STEPS / NOTES:

1. Mark the center of the 56" door opening. Then install **OO** flush under siding using two 3" screws (Fig. A). The doors will rest on **OO** for easier installation

2. Place the door assembly on **OO** with the $\frac{3}{8}$" gap centered on the mark (Fig. B). Screw hinge boards into wall framing using 3" screws spaced evenly as shown (Fig. C). **!! Make sure screws go into framing !!**

3. Locate trim **WR** centered over doors flush to hinge trim. Secure using five 2" finish nails 1/2" form bottom of trim (Fig. D).

4. Remove the door braces, ledger board and door spacers. Check the doors swing properly.

Mark the center of 56" door opening

$\frac{3}{8}$" Door spacing centered on mark

Center mark

Fig. B

Center **OO** under door opening

Flush under siding

3" Screw

Fig. A

OO

WR Centered over door

(5) 2" Finish nails 1/2" from bottom of trim

Trim **WR** is flush to hinge trim and centered over door.

17-1/2"

Fig. D

(5) 3" Screws each side through hinge trim into framing

Fig. C

Remove door braces, ledger board and door spacers and check doors swing properly

DOORS

Parts Required:
X2   2 x 3 x 69" | OO _____ |

Fasteners Required:
X14   2" Screws

ASSEMBLY STEPS / NOTES:

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

2. On the right door center **OO** vertically in door opening (Fig. A). **OO** will offset the right door 1" **IN** from the door trim (Fig. C). Secure **OO** using seven 2" screws through outside.

Fig. B

Fig. C

Fig. A

OO

1"

1"   2" Screws

Center OO in door opening.

OO X2

11"
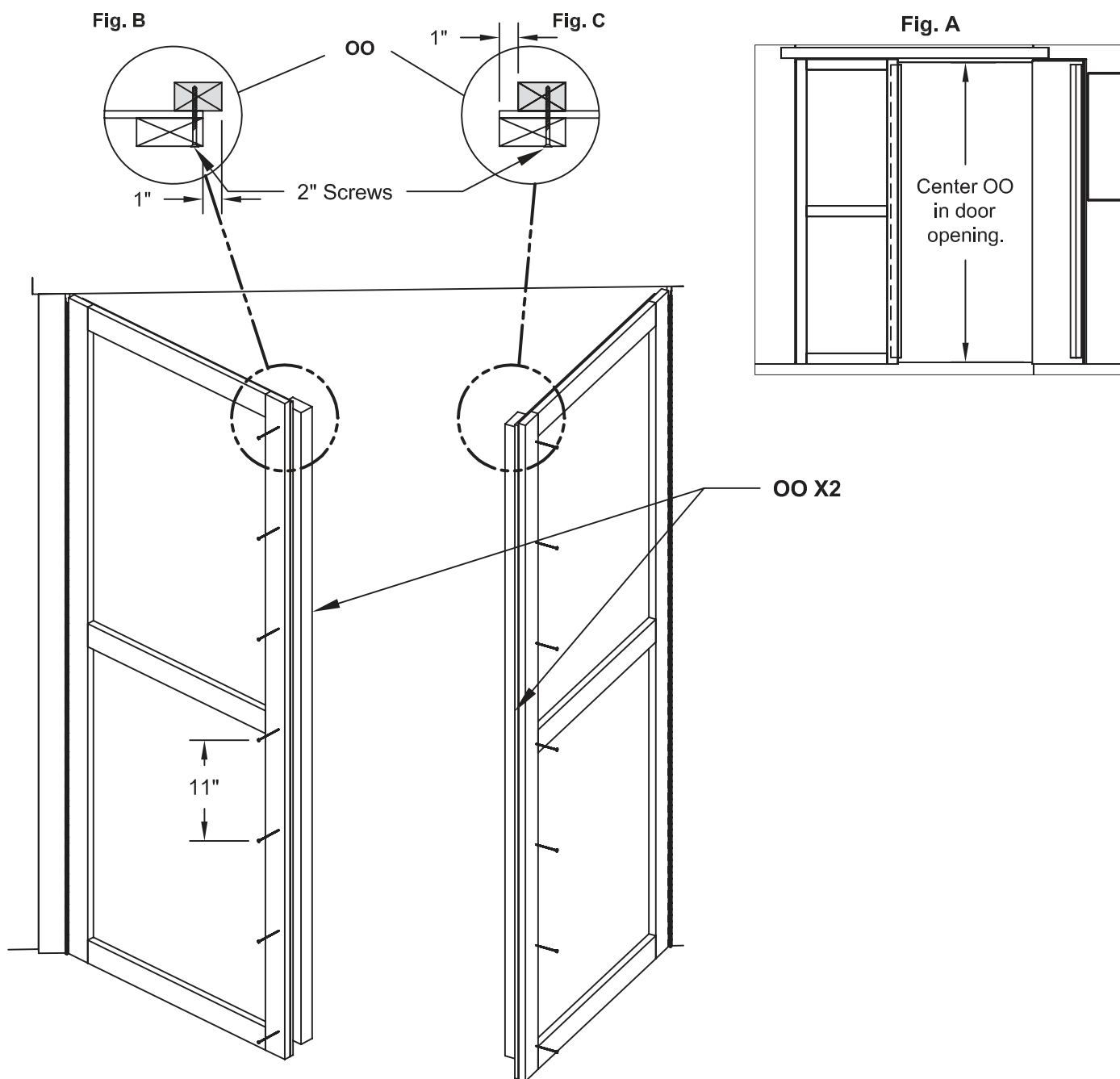
DOORS

Parts Required:

X2   Spring Loaded Bolts w/Screws
X1   Door Handle

Fasteners Required:

X8   1" Screws
X2   1-1/2" Screws

ASSEMBLY STEPS / NOTES:

1. Place upper bolt onto **OO** in open position with bolt end 1/4" down from frame. Bolt is open when loop is contacting base (Fig. A). Mark and pre-drill holes.

2. Install bolt with screws supplied and drill a $\frac{5}{16}$" hole for bolt to extend into (Fig. A).

3. Place lower bolt onto **OO** in open position with bolt end $\frac{1}{2}$" up from floor. Bolt is open when loop is contacting base. (Fig.B). Mark and pre-drill holes for screws.

4. Install bolt with screws supplied and drill a $\frac{5}{16}$" hole for bolt to extend into (Fig. B)

5. Measure up 35-3/4" and drill a $\frac{1}{4}$" hole thru door and part **OO** (Fig. C). Re-drill the hole larger with a 1/2 " drill. Be careful to avoid breaking thru **OO**. Attach handle with screws supplied. (Fig. D).

Fig. A

LOCATE AND PREDRILL HOLES TO AVOID SPLITTING WOOD

OVER DOOR FRAME

5/16" Drill for bolt: 1" deep.

1/4" with bolt in open position

OO 2 x 3 x 69"
OPEN POSITION, Spring is loose.

PRE-DRILL (4) HOLES

Loop contacts base.

x4

Fig. B

Loop contacts base.

x4

PRE-DRILL (4) HOLES

OO 2 x 3 x 69"

OPEN POSITION, Spring is loose.

FLOOR

1/2" with bolt in open position

5/16" Drill for bolt: 1" deep.
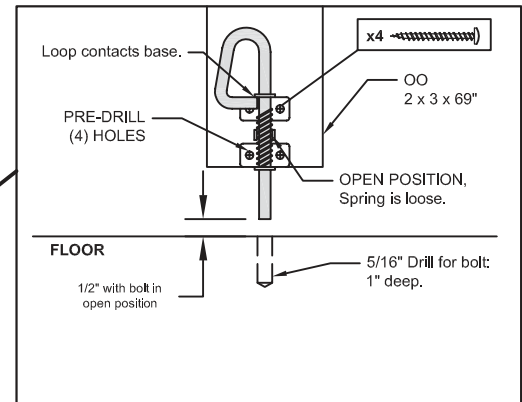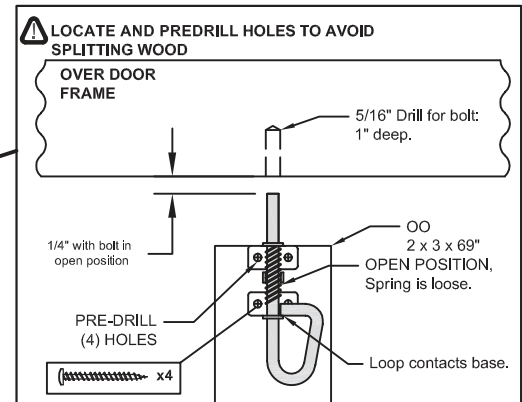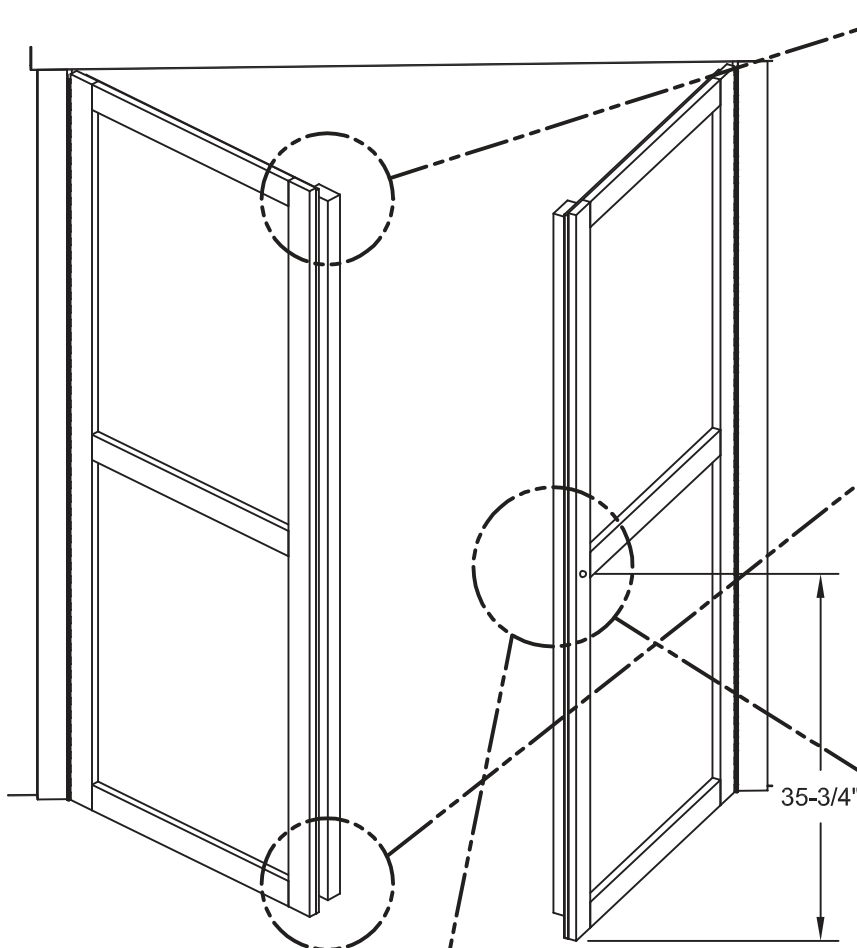
35-3/4"

Keep drill square to avoid breaking through

Fig. C
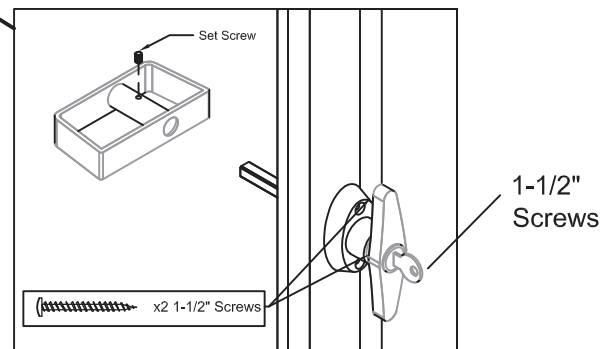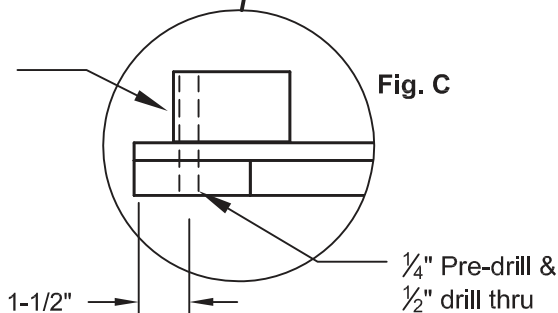
$\frac{1}{4}$" Pre-drill & $\frac{1}{2}$" drill thru

1-1/2"

Set Screw

Fig. D

1-1/2" Screws

x2 1-1/2" Screws

TRIM

Parts Required:

X2 $^{19}\!/_{32}$ x 3 $\frac{1}{2}$ x 35 $^{15}\!/_{16}$" | AFA |

X1 $^{19}\!/_{32}$ x 3 $\frac{1}{2}$ x 35 $\frac{3}{4}$" | ZHR |

X1 $^{19}\!/_{32}$ x 3 $\frac{1}{2}$ x 35 $\frac{3}{4}$" | ZHL |

X2   2 x 4 x 35 $^{15}\!/_{16}$" | AGA | Angled End

x2   2 X 4 X 35 $\frac{3}{4}$" | VS | Angled End

Fasteners Required:

X16   2" Nails

X16   2" Screws

ASSEMBLY STEPS / NOTES:

1. Nail gable trim **(ZHR, ZHL, and AFA)** to gable overhang **(VS, AGA)** as shown below with 2" nails. The nails will be going through the rough side with the primed side facing out.

2. Screw the gable assembly pieces to the front of the shed with 2" screws. Flush each piece with the top of the roof panels and seams are in line (Fig A).
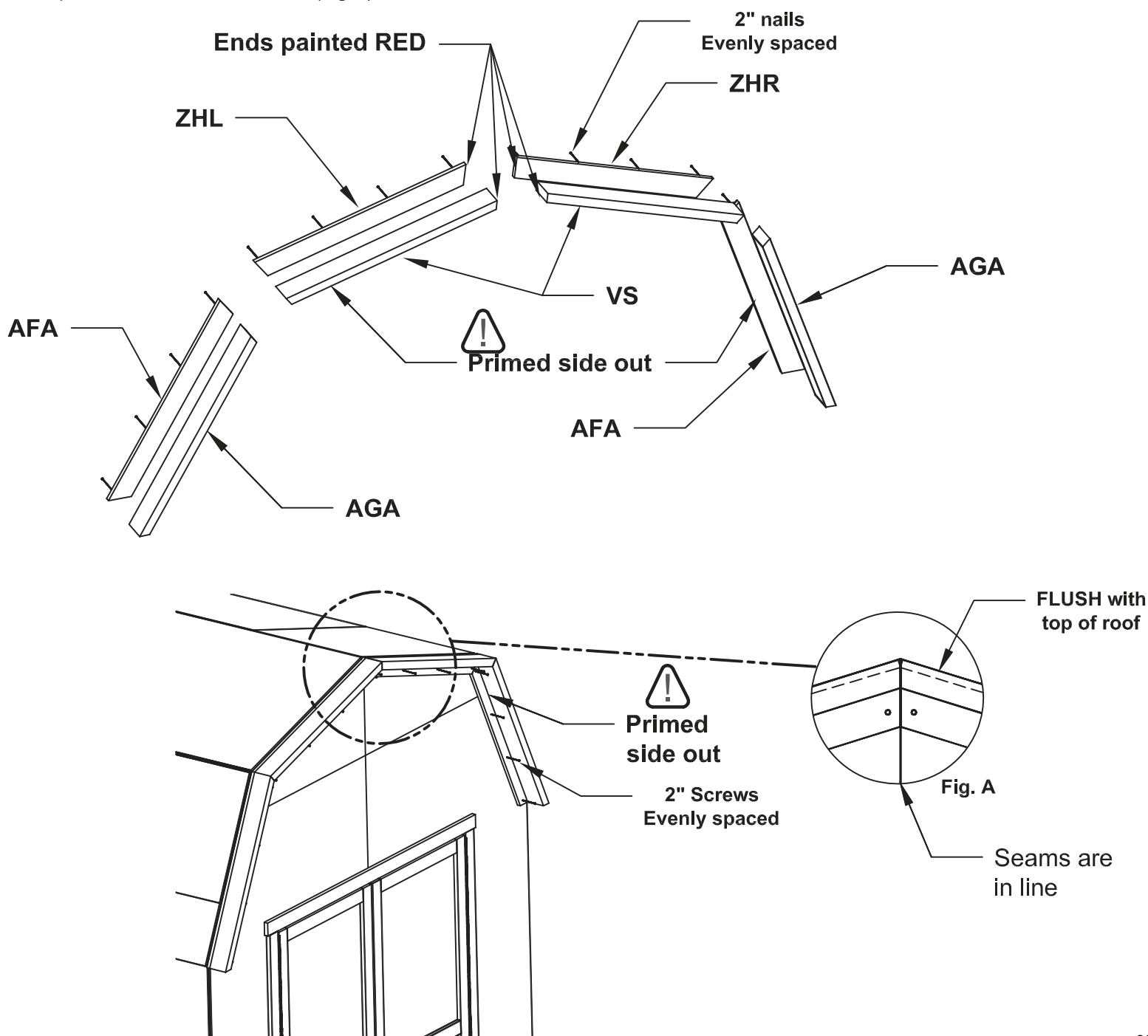
TRIM

Parts Required:

X2 $^{19}/_{32}$ x 2 ½ x 35 $^{13}/_{16}$"   **FCA**

X1 $^{19}/_{32}$ x 2 ½ x 35 ¾"   **FDR**

X1 $^{19}/_{32}$ x 2 ½ x 35 ¾"   **FDL**

Fasteners Required:

X16   2" Finish Nails

ASSEMBLY STEPS / NOTES:

1. Nail the rear gable trim pieces (**FDR, FDL, FCA**) to the back of the shed flush with the top of the roof panels (Fig A) using 2" finish nails. Primed side out.

FLUSH with top of roof

Match green and red at peak

⚠ **Primed side out**

FDR

FDL

2" Finish nails Evenly spaced

Fig. A

FCA
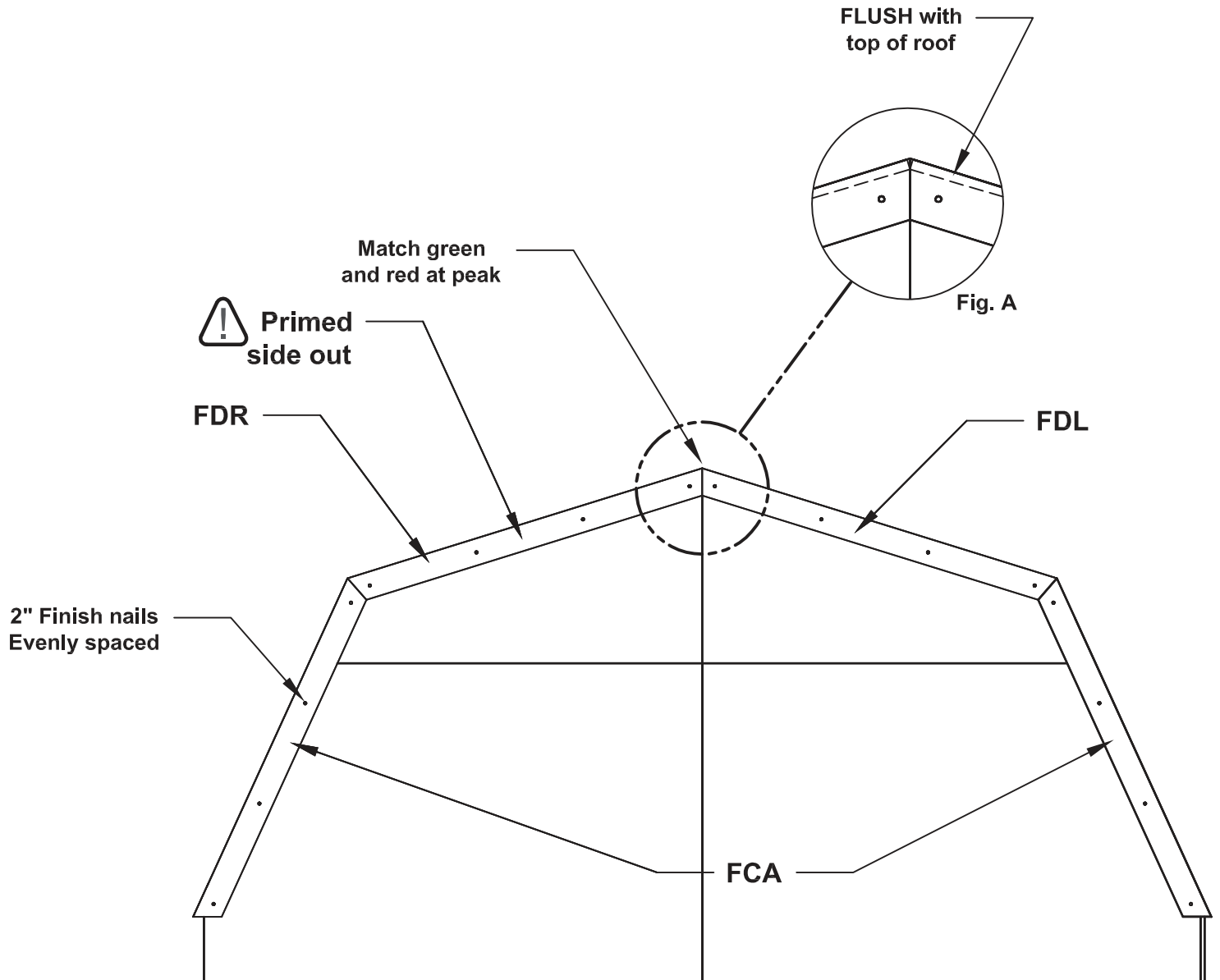
CORNER TRIM

Parts Required:

X8   ⅜ x 1-3/4 x 71-9/16"   ▭

Fasteners Required:

X56   2" Finish Nails

ASSEMBLY STEPS / NOTES:

1. Locate 71-9/16" trim on side wall flush to outside of the front wall panel (Fig A, B) and tight against roof (Fig. C) with primed side facing out. Install using 2" finish nails 12" apart.

2. Locate another 71-9/16" trim flush to side corner trim (Fig. B) and the tight against the gable trim (Fig.C) with primed side facing out. Install using 2" finish nails 12" apart.

3. Repeat process at other corners to install all trim pieces.

Primed side faces out on both trims

12"

FRONT

Tight against roof and outside of front panel

Fig. A

⅜" Side Panel

Front trim is flush to side trim and tight against gable trim

Fig. C

Siding

Flush   FRONT   **Fig. B**
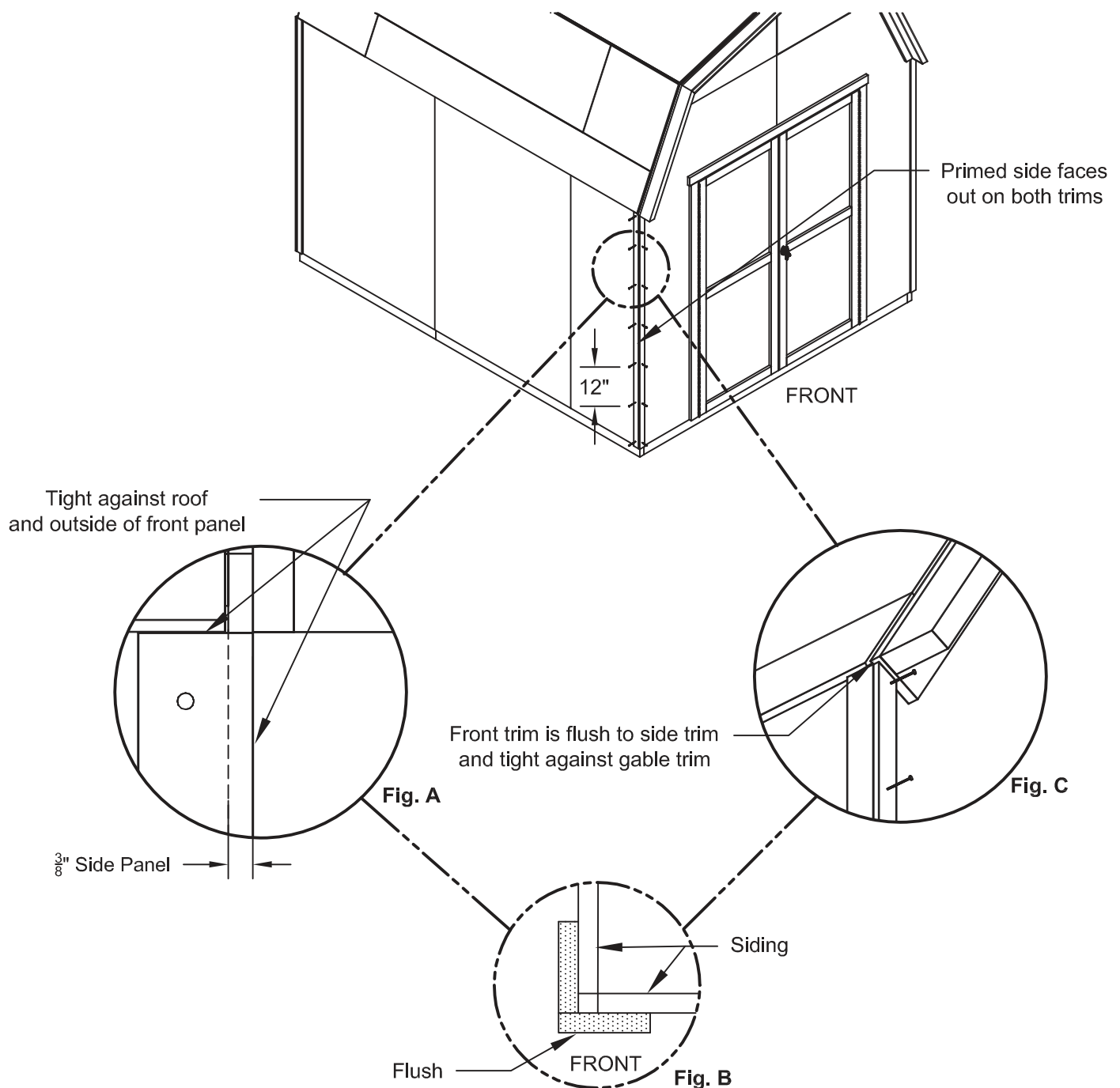
GAMBREL HORIZONTAL TRIM

Parts Required:

X2 $\frac{19}{32}$ x 2-1/2 x 69-1/4" | FBA |

X2 $\frac{19}{32}$ x 2-1/2 x 71-7/16" | FAA |

Fasteners Required:

X8   2" Finish Nails

X16   3/4" Screws

ASSEMBLY STEPS / NOTES:

1.   Level the front horizontal gambrel trim (**FBA**) with the primed side facing out, flush against the gambrel trim.

2.   Using 2" finish nails, nail the trim into place with one nail on each end and two in the middle. Be sure the nails go into the truss and center gambrel connector (**SL**).

3.   From **INSIDE** use eight 3/4" screws through the panel into the trim. The screws should be staggered 3/4" above and below the panel seam.

4.   Repeat these steps to install the back horizontal gambrel trim (**FAA**).
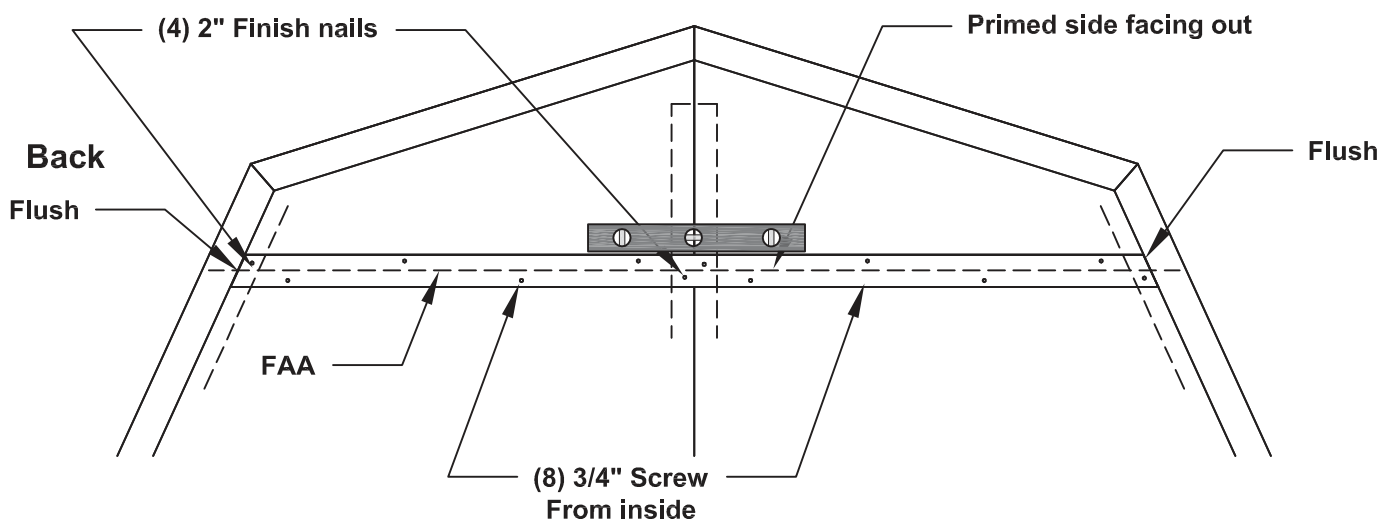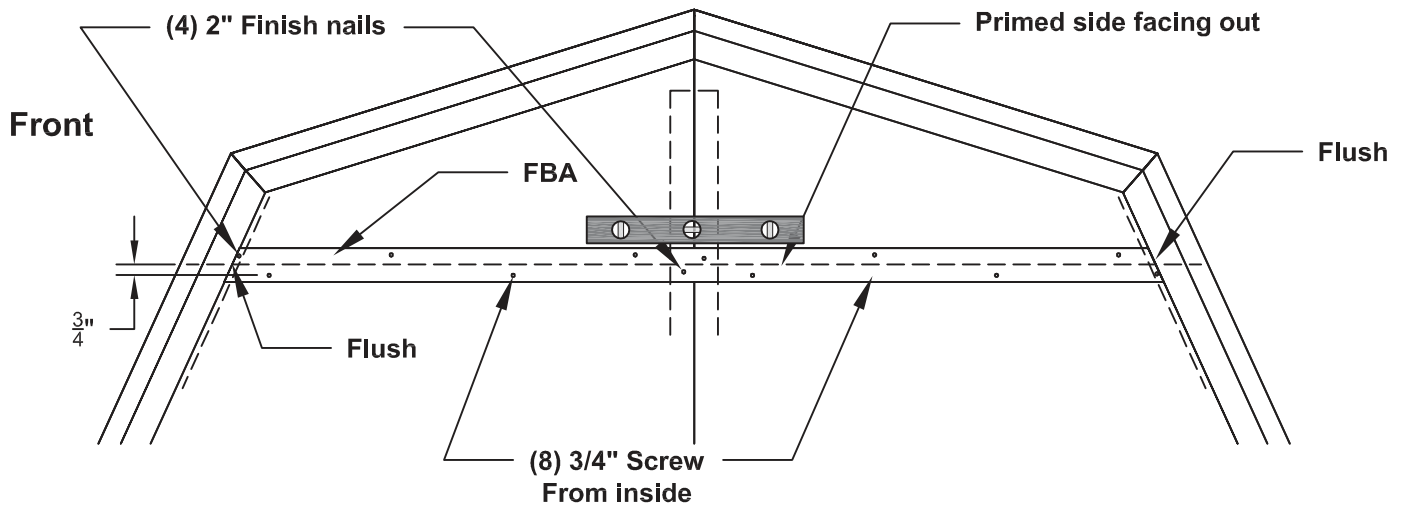
PAINT & CAULK
- NOT INCLUDED -

- Use acrylic 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 in-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
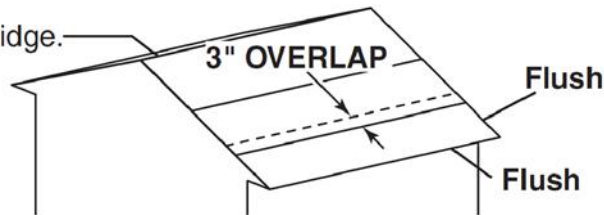
Flush

Flush

DRIP EDGE
- NOT INCLUDED -

- Install over roof on gable 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

Fig. A

Drip Edge
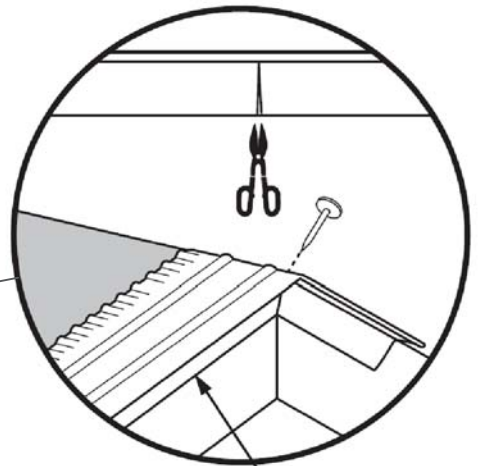
Edge flush to trim.

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

(Follow directions provided by manufacturer.)

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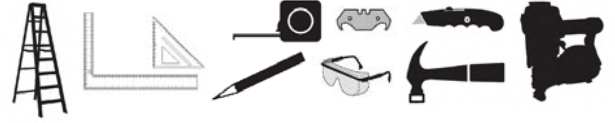
⚠ **Familiarize yourself with a 3-Tab Shingle.**

SHINGLE NAIL PATTERN

Notch   Notch

1" (2,5 cm)   1/2" (1,3 cm)   **Sealing Strip**   1" (2,5 cm)

Half A Rain Slot

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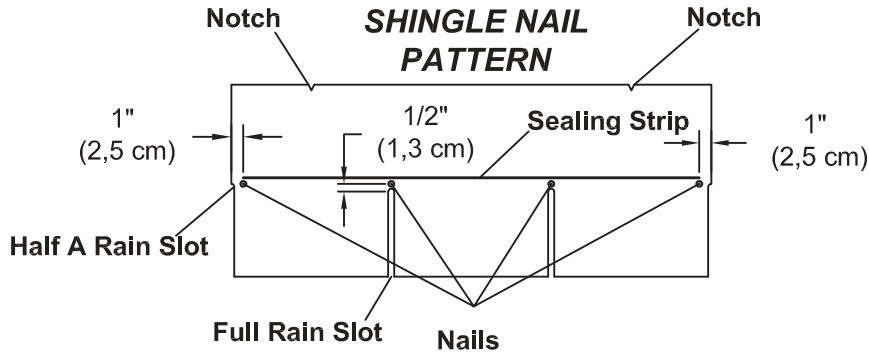
⚠ **NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.**

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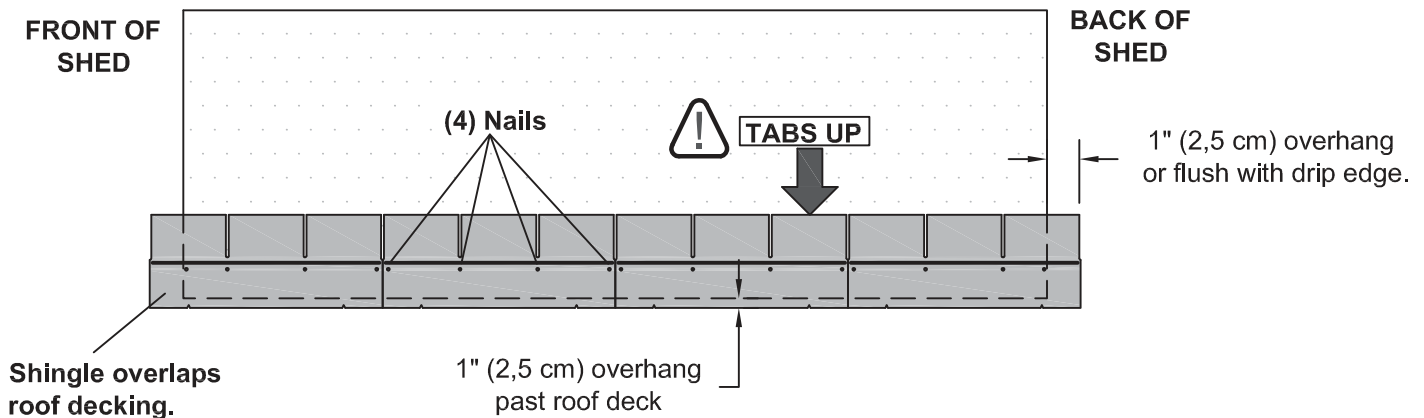
2. Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.

1" (2,5 cm)

FRONT OF SHED   **BACK OF SHED**

Notch

Flush with starter row

- OR -

Drip Edge

Notch

Flush with starter row

44
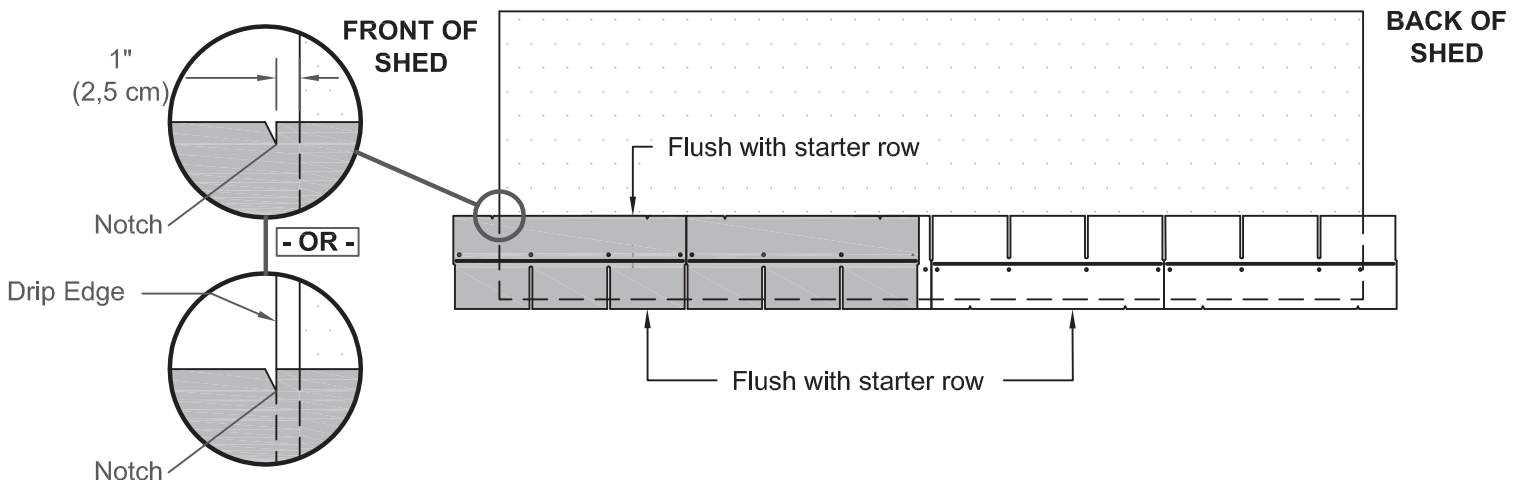
3. Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.

FRONT OF SHED

1" (2,5 cm)

Notch

BACK OF SHED

Bend in roof

Flush with rain slots

Flush with rain slots

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

1" (2,5 cm)

BACK OF SHED

Notch

Bend in roof

FRONT OF SHED

5. The shingle over the bend in the roof will be nailed down. You will need 3" to 4" of this shingle to extend downward over the bend for nailing.

Look for either if the following:
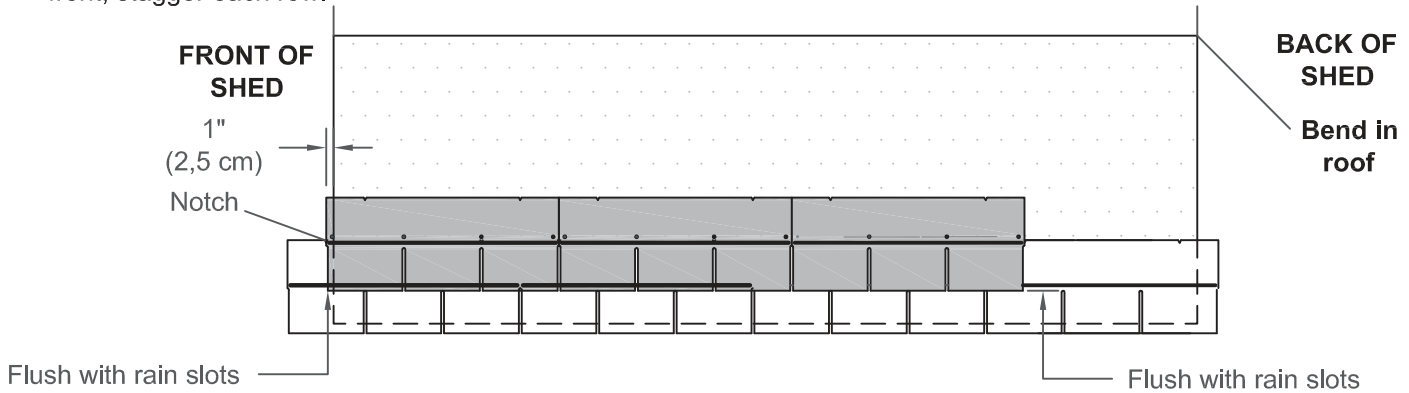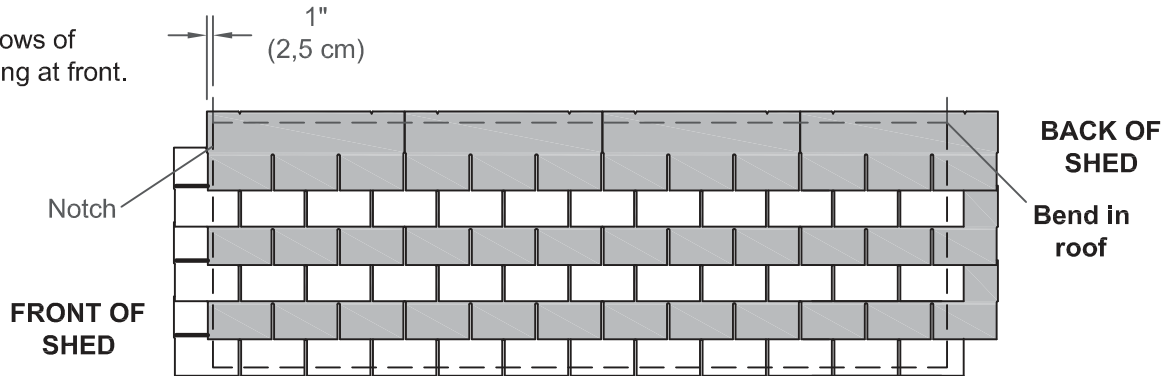- If the rain slot of the shingle installed over the bend is ABOVE the bend and 3" to 4" of it overhangs down over the bend, continue shingling up to the peak. You have enough to nail the shingle down over the bend.

FRONT OF SHED

3" to 4" (7.6 cm to 10cm)

Bend in roof

Rain slot above bend

Flush to rain slot
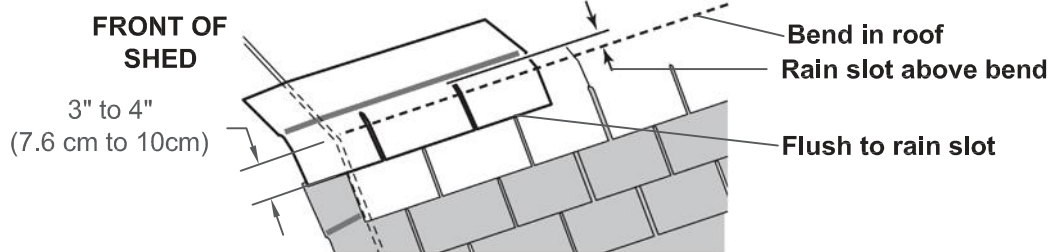
- OR -

- If the rain slot of the shingle installed over the bend is BELOW the bend, install the shingle over the bend and overlap the rain slot to get the 3" to 4" overlap.

FRONT OF SHED

3" to 4" (7.6 cm to 10cm)

Bend in roof

Rain slot above bend

Overlap the rain slot
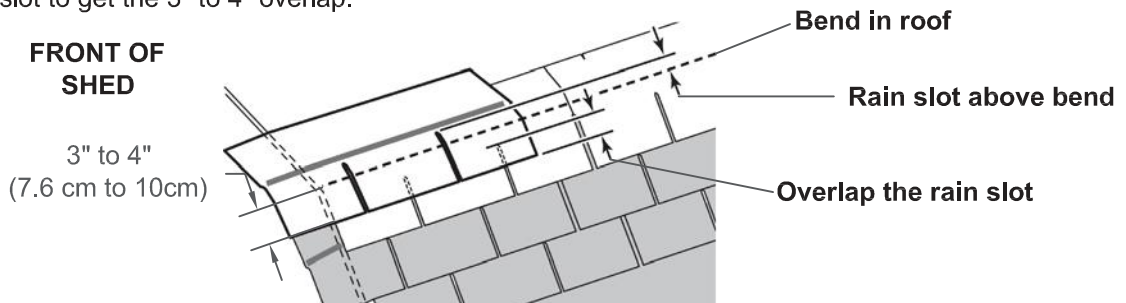
⚠️ The shingle OVER the bend must be installed with 3" to 4" overlap **AND** the rain slot above the bend.

6. After shingles are installed over bend, nail down overlap using two roofing nails per tab.

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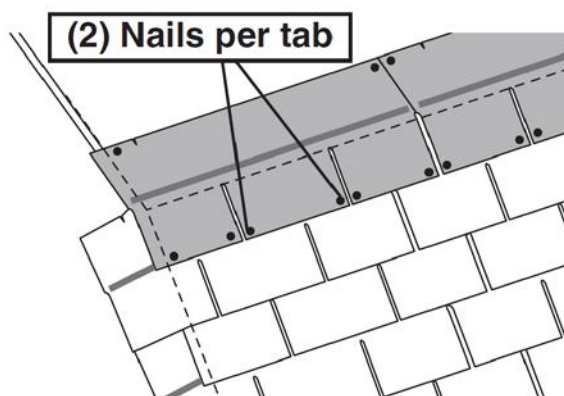
7. Continue installing rows of shingles to the peak. At the peak make sure there is a maximum of 5" or less to the rain slot, as shown below. If shingles overlap at ridge cut to peak with a utility knife.

Cut Off.

5"
(12,7 cm) MAX.

Top of rain slot.

CUT

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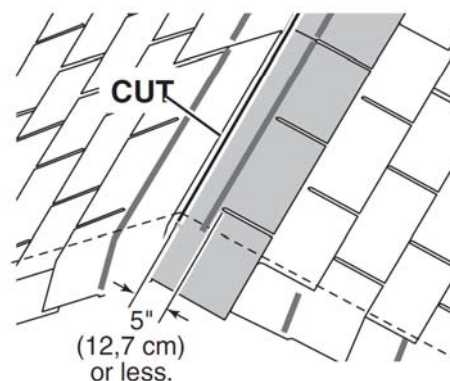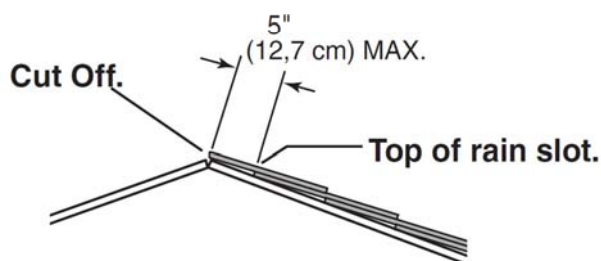
⚠ • **If more than 5" to rain slot you must install another row of shingles.**

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

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

10. Using your shingle hooked blade carefully cut along the chalk line.
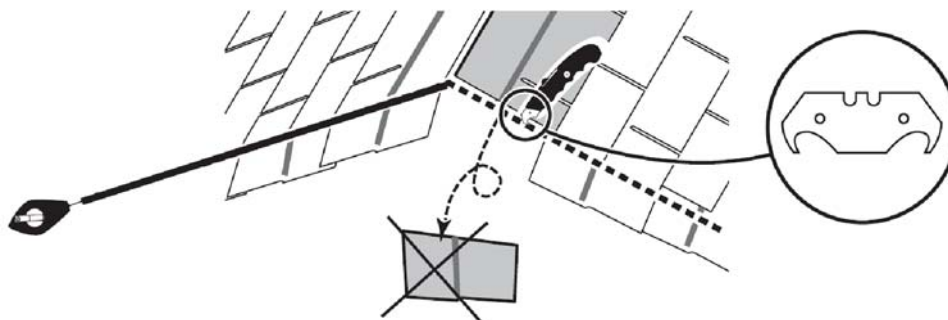
FINISH

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

- 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)

Weather Seal

Top of slot.

Score shingle, then snap-off angled cut.
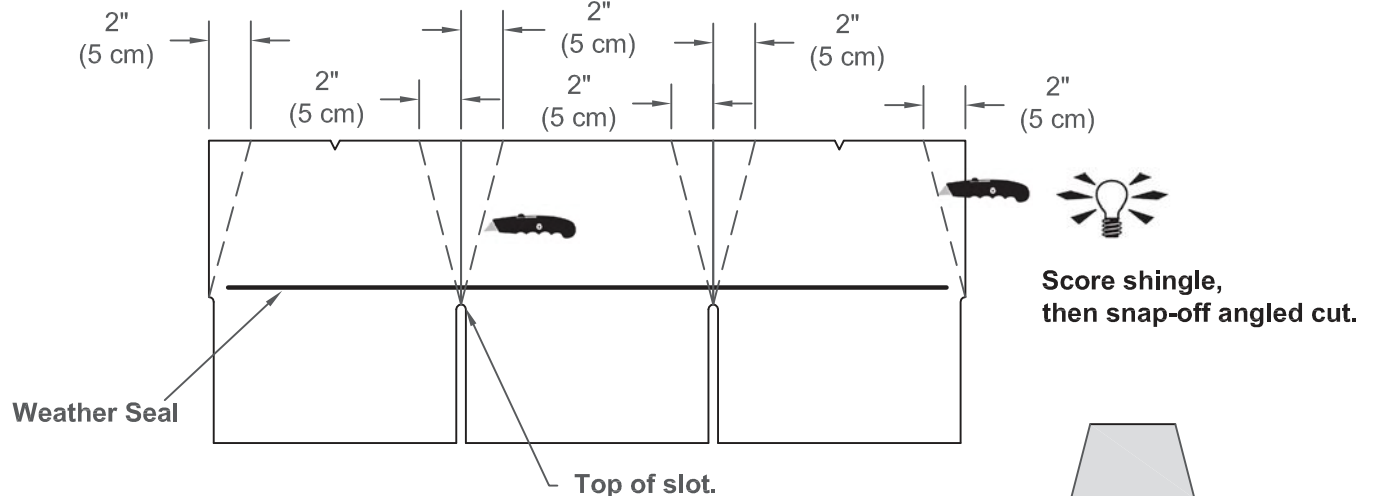
Note: You will need about 20 - 22 cut pieces.

20 to 22 Pieces

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

(1) Nail per side through weather seal.

Flush

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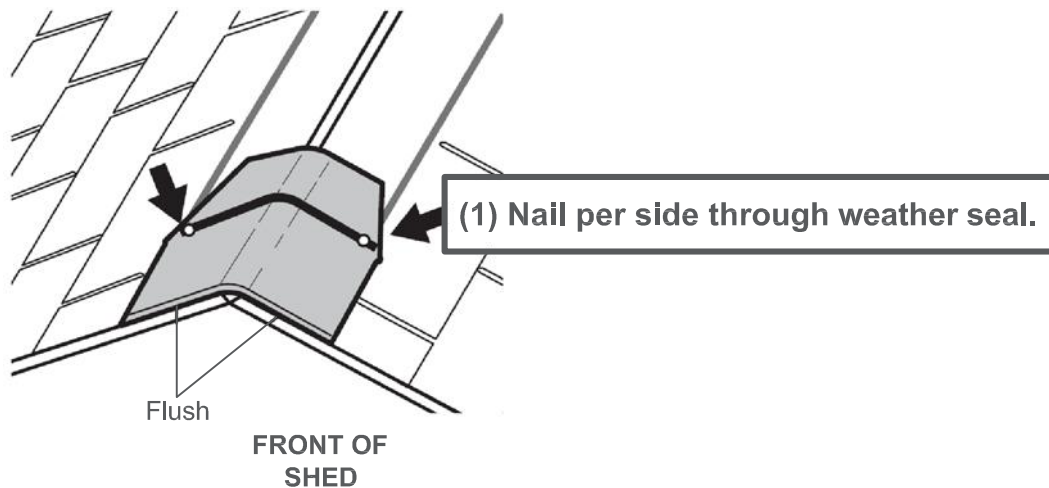
3. Install second ridge cap 5" back as shown.

(1) Nail per side through weather seal.

5" 12,7 cm

Flush

FRONT OF SHED

47
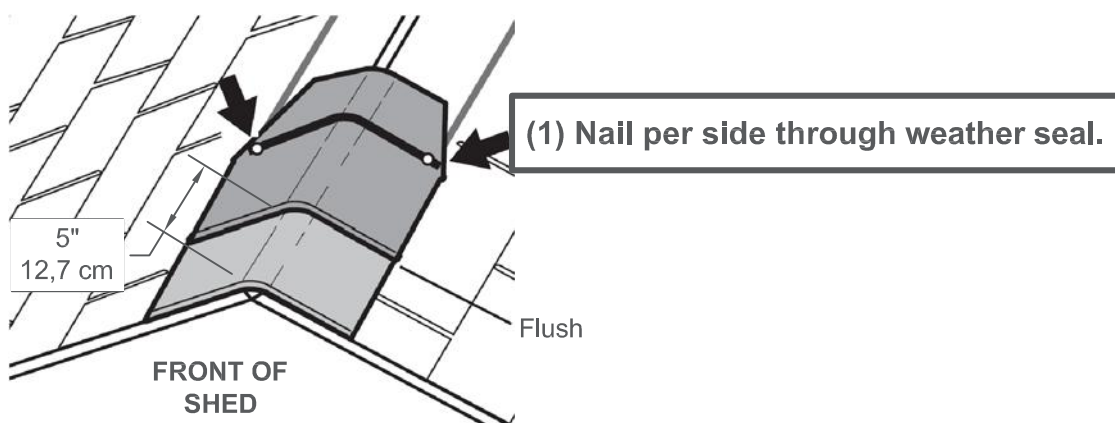
4. Continue installing ridge cap to back of roof.
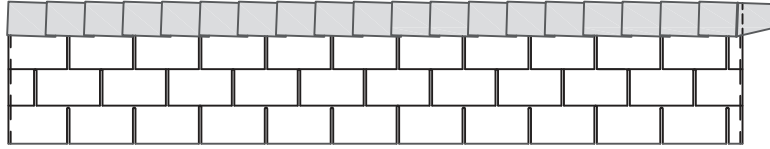
5. Make sure there is 4" between the shingle color and edge of shingles.

4"
(10cm)

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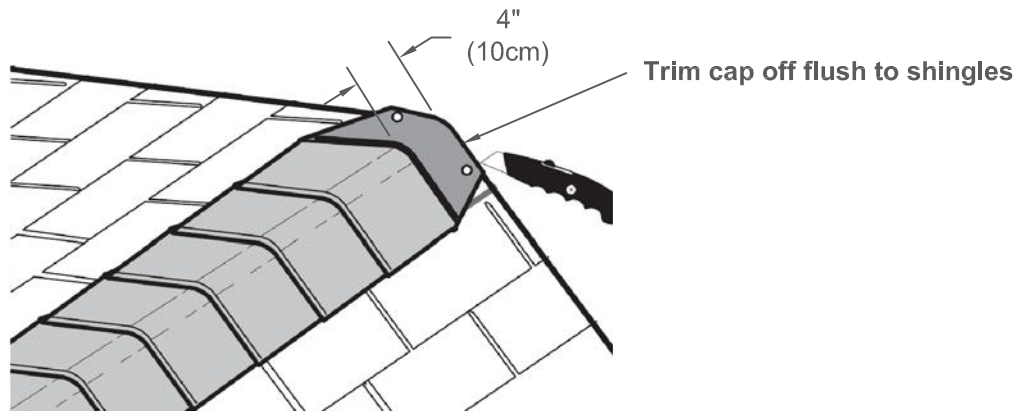
6. When you have 4" minimum of shingle color cut one piece to cap your roof.

Cut at top of rain slot.

Cap
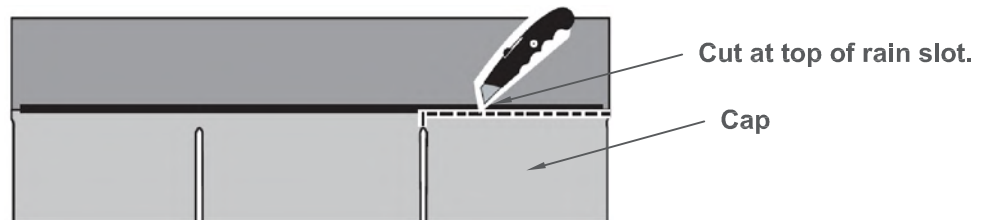
7. Install flush to shingles.

Flush to shingles

(2) Nails per side.
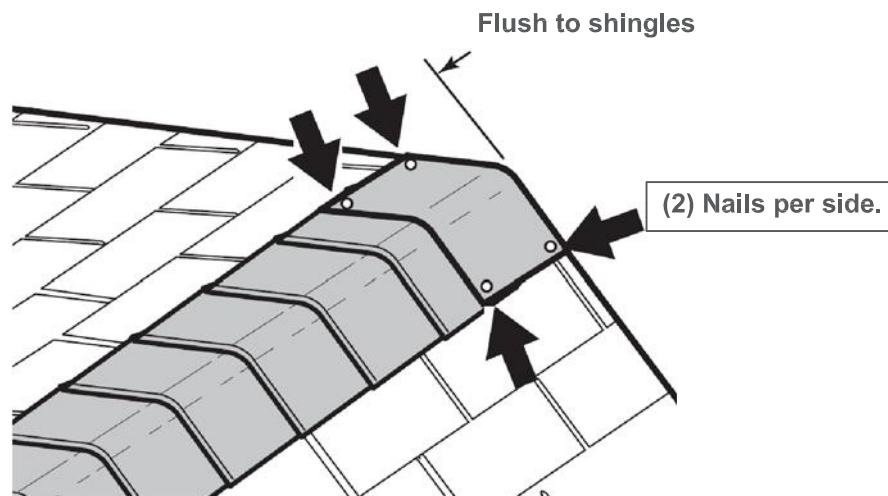
FINISH

8. You have finished your ridge cap.

WARRANTY REGISTRATION
Please complete your warranty registration to properly validate your warranty.
Register your product online at: www.OnlineWarranty.net

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: Value Series / Solar Shed
        12 years: Classic Series / Architectural Series
   15 years: Big Buildings
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.

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.
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.   LDR: 1/18/2016