STOP!

Call Us First!
DO NOT RETURN TO STORE.

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

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

AVOID THE WAIT!

visit us online at
help.backyardproducts.com

→ Submit a help request

→ Answers to frequently asked questions

→ Live chat with an agent

INSTALLERS WANTED

Did you enjoy building your shed?

JOIN OUR TEAM

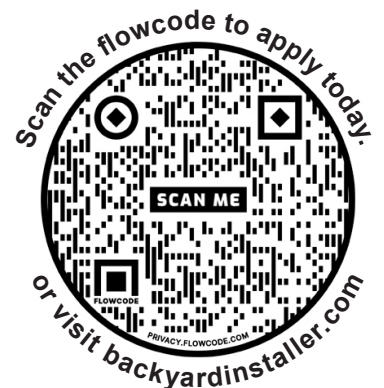AND MAKE UP TO $1,500/WEEK*

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FLOWCODE
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*based on number of completed installations

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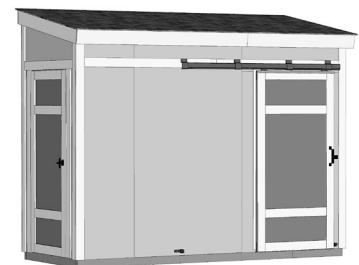
ASSEMBLY MANUAL

COSMOPOLITAN 10' x 4' (304,8 cm x 121,9 cm)

ACTUAL FLOOR SIZE IS 120" x 48" (304,8 cm x 121,9 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE
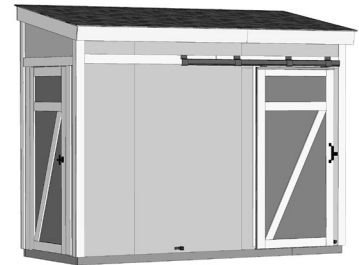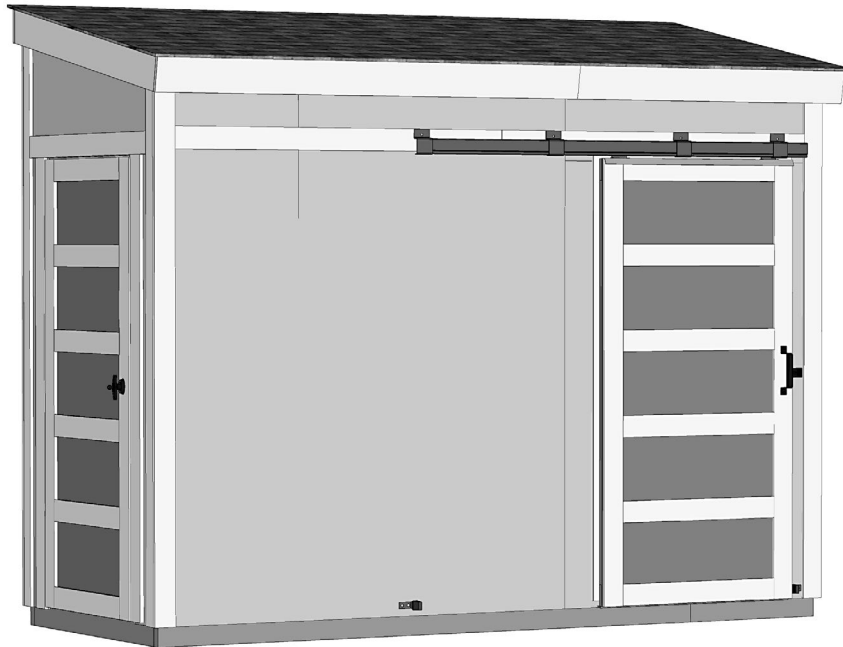
Three options for door trim.

⚠ *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 9.

- **CHECK ALL PARTS**

  Inventory all parts listed on pages 4-8.

- **ADDITIONAL MATERIALS**

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

CONTACT OUR CUSTOMER SERVICE TEAM IF ANY PARTS ARE MISSING OR DAMAGED

- Order form and warranty at back of manual -

Call: 1-877-743-3400 email: customerservice@backyardproductsllc.com

TOOLS

Required		Optional

Required

- ❏ Phillips Screwdriver
- ❏ Drill / Driver
    - ❏ 3/8" Drill Bit
    - ❏ #2 Philips Drive Bit
- ❏ Hammer
- ❏ Level
- ❏ Pencil
- ❏ Tape Measure
- ❏ Square   or

- ❏ Utility Knife
    - ❏ Shingle Blades
- ❏ Caulk Gun
- ❏ Paint Tools
- ❏ Safety Glasses
- ❏ Ladder

Optional

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

**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
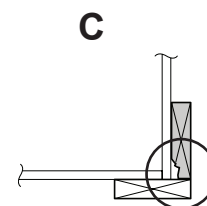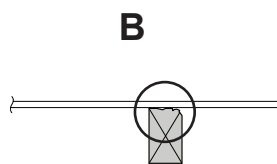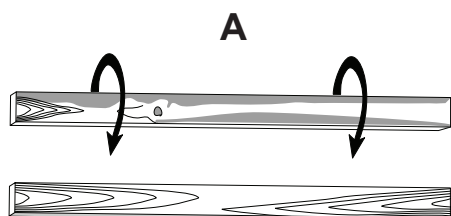
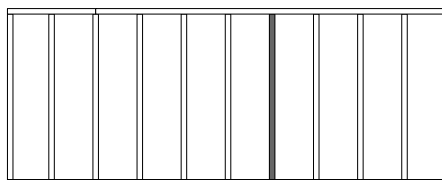## ADDITIONAL MATERIALS NEEDED

FOUNDATION OR FLOOR MATERIALS

- This shed kit includes a complete wood floor frame system.
- This shed kit does not include ANY leveling materials.
- **See the FLOOR LEVELING section on page 9 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 is designed for general use. Depending on your specific use you may want to construct a heavy duty floor frame by adding an additional floor joist (shown below as shaded). Below is a list of additional materials (not included):
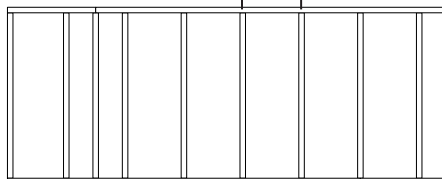
x1 2 x 4 x 8' (5 x 10 x 244 cm) Treated Lumber
Cut lumber to 2 x 4 x 45" (5 x 10 x 114,3 cm)

x4 3" (7,6 cm) Hot Dipped Galvanized Nails

Optional 12" (30,5 cm) spacing

Standard 16" (40,6 cm) spacing

COMPLETING YOUR SHED
You will need these additional materials:

3-TAB SHINGLES .... 2 Bundles

1" GALVANIZED ROOFING NAILS.... 2 Lbs
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 .... 1 Tube
Use acrylic latex exterior caulk that is paintable.

WOOD GLUE .... Exterior Rated

OPTIONAL MATERIALS

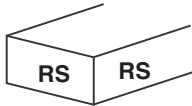**DRIP EDGE** .... 30 Feet

#15 ROOFING FELT
To cover 42 Sq. Ft. of roof area.

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

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

PARTS IDENTIFICATION AND SIZES

Part identification
is 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.

FLOOR

☐ **x2** TREATED 2 x 4 x 24" (5 x 10 x 61 cm)

☐ **x10** TREATED 2 x 4 x 45" (5 x 10 x 114,3 cm)

☐ **x2** TREATED 2 x 4 x 96" (5 x 10,2 x 243,8 cm)

WALLS

☐ **x1** RAC 2 x 3 x 4-1/8" (5,1 x 7,6 x 10,5 cm)

☐ **x2** 7/16" x 3-1/2" x 6-1/4" (1,1 x 8,9 x 15,9 cm) *Header Spacer*

☐ **x3** AYC 2 x 4 x 6-1/4" (5,1 x 10,2 x 15,9 cm)

☐ **x1** LBA 2 x 4 x 31-5/16" (5,1 x 10,2 x 81,1 cm)

☐ **x3** BZM 2 x 4 x 33-5/8" (5,1 x 10,2 x 85,4 cm)

☐ **x1** 7/16" x 3-1/4" x 33-5/8" (1,1 x 8,3 x 85,4 cm) *OSB*

☐ **x1** VWA 2 x 4 x 41" (5,1 x 10,2 x 104,1 cm)

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

☐ **x2** EMA 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm) *Beveled Profile*

☐ **x2** HUB 2 x 4 x 69-3/8" (5,1 x 10,2 x 177,2)

☐ **x2** GVC 2 x 4 x 72" (5,1 x 10,2 x 182,9) *Beveled Profile*

☐ **x2** TM 2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)

☐ **x1** CXB 2 x 4 x 73-1/4" (5,1 x 10,2 x 186,1 cm)

☐ **x8** XMB 2 x 4 x 80-5/8" (5,1 x 10,2 x 204,8 cm)

☐ **x1** FVA 2 x 4 x 84-9/16" (5,1 x 10,2 x 214,8 cm)

☐ **x6** IMU 2 x 4 x 88-1/2" (5,1 x 10,2 x 224,8 cm)

☐ **x1** DKC 2 x 4 x 90-11/16" (5,1 x 10,2 x 230,3 cm)

ROOF

☐ **x6** MJC 2 x 4 x 53-1/2" (5,1 x 10,2 x 135,9 cm)

☐ **x2** IVB 2 x 4 x 53-7/8" (5,1 x 10,2 x 136,8 cm)

☐ **x2** 3/8" x 3-1/2" x 3-1/2" (1,5 x 6,3 x 6,3 cm)

4

PARTS LIST

TRIM

x2	**FXA**	19/32" x 3-1/2" x 2-7/16" (1,5 x 8,9 x 6,2 cm)
x2	**UAC**	19/32" x 5-1/2" x 50-1/2" (1,5 x 14 x 128,3 cm)
x1	**QCC**	19/32" x 5-1/2" x 54" (1,5 x 14 x 137,2 cm)
x1	**SZA**	19/32" x 5-1/2" x 54" (1,5 x 14 x 137,2 cm)
x2	**TSA**	19/32" x 3-1/2" x 57-7/16" (1,5 x 8,9 x 145,9 cm)
x2	**VOA**	19/32" x 5-1/2" x 74-7/16" (1,5 x 14 x 189,1 cm)

CORNER TRIM

x2	**DIA**	19/32" x 3-1/2" x 83-7/16" (1,5 x 4,4 x 211,9 cm)
x1	**ONA**	19/32" x 2-1/2" x 84" (1,5 x 6,3 x 213,4 cm)
x1	**MTD**	19/32" x 2-1/2" x 84" (1,5 x 6,3 x 213,4 cm)
x2	**LUT**	19/32" x 3-1/2" x 90-15/16" (1,5 x 4,4 x 231 cm)
x1	**GSD**	19/32" x 2-1/2" x 92-1/8" (1,5 x 6,3 x 234 cm)
x1	**NCD**	19/32" x 2-1/2" x 92-1/8" (1,5 x 6,3 x 234 cm)

SOFFIT

x2		3/8" x 1-1/2" x 49-1/2" (1 x 3,8 x 125,7 cm)
x1		3/8" x 3-11/16 x 49-7/8" (1 x 9,4 x 126,7 cm)
x1		3/8" x 3-11/16 x 73-7/8" (1 x 9,4 x 187,6 cm)

DOOR TRIM

x1	**FMB**	19/32" x 3-1/2" x 10-1/8" (1,5 x 8,9 x 25,7 cm)
x4		19/32" x 3-1/2" x 24-5/8" (1,5 x 8,9 x 62,5 cm)
x4	**MAC**	19/32" x 3-1/2" x 29" (1,5 x 8,9 x 73,3 cm)
x2	**JQC**	19/32" x 3-1/2" x 36" (1,5 x 8,9 x 91,4 cm)
x2	**HAD**	19/32" x 3-1/2" x 43-3/4" (1,5 x 8,9 x 145,9 cm)
x2	**IDC**	19/32" x 3-1/2" x 65" (1,5 x 8,9 x 165,1 cm)
x1	**OO**	69" (175,3 cm) Door Stiffener
x1	**QFC**	19/32" x 3-1/2" x 55-1/16" (1,5 x 8,9 x 139,9 cm)
x1	**EZB**	19/32" x 3-1/2" x 56-13/16" (1,5 x 8,9 x 144,3 cm)
x3	**ZO**	19/32" x 3-1/2" x 72" (1,5 x 8,9 x 182,9 cm)

WALL PANELS & DOORS

Wall panels are 3/8" (1,0 cm) thick.   NOTE: Panel parts are not stamped.

☐ **x1**
24 x 84"
(61 x 213,3 cm)

☐ **x1**
48 x 84"
(121,9 x 213,3 cm)

☐ **x2**
8-1/2 x 72"
(21,6 x 182,9 cm)

☐ **x1**
36" (91,4 cm)
DOOR

☐ **x1**
48 x 76"
(121,9 x 193 cm)

☐ **x2**
2" x 48"
(4,4 x 82,2 cm)

☐ **x1**
20 x 48"
(50,8 x 121,9 cm)

☐ **x1**
11-7/8" x 48"
(30,2 x 121,9 cm)

☐ **x1**
23-7/8 x 96"
(60,6 x 243,8 cm)

☐ **x2**
48 x 96"
(121,9 x 243,8 cm)

☐ **x2**
7-13/16 x 72"
(19,8 x 182,9 cm)

☐ **x1**
31-5/8" (80,3 cm)
DOOR

☐ **x1**
20 x 48"
(50,8 x 121,9 cm)
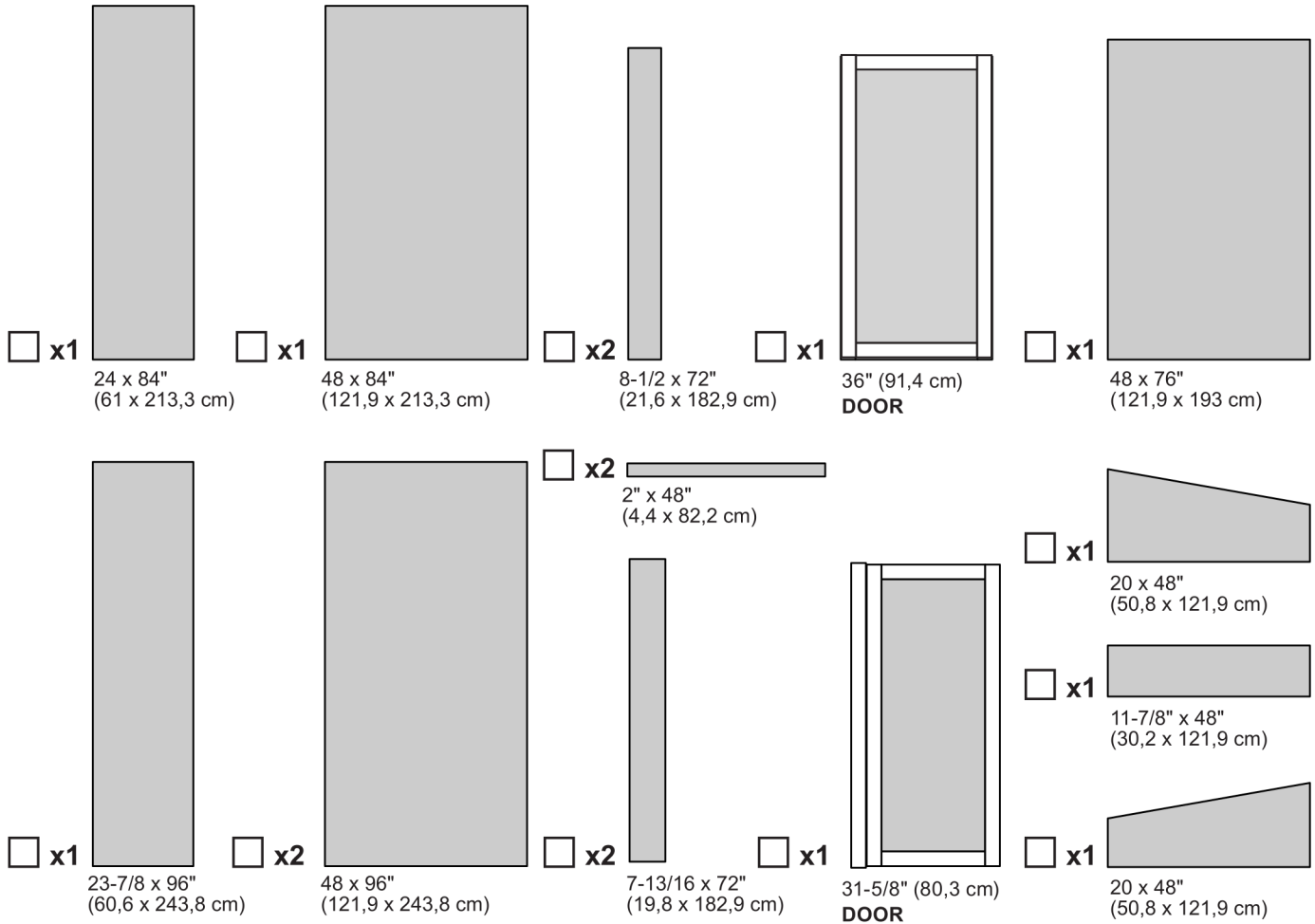
ROOF PANELS

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

☐ **x2**
1-7/8 x 53-1/2"
(4,8 x 135,9 cm)

☐ **x1**
5-1/2 x 96"
(14 x 243,8 cm)

☐ **x1**
5-1/2 x 23-7/8"
(14 x 60,6 cm)

☐ **x1**
48" x 96"
(121,9 x 243,8 cm)

☐ **x1**
48" x 23-7/8"
(121,9 x 60,6 cm)

6
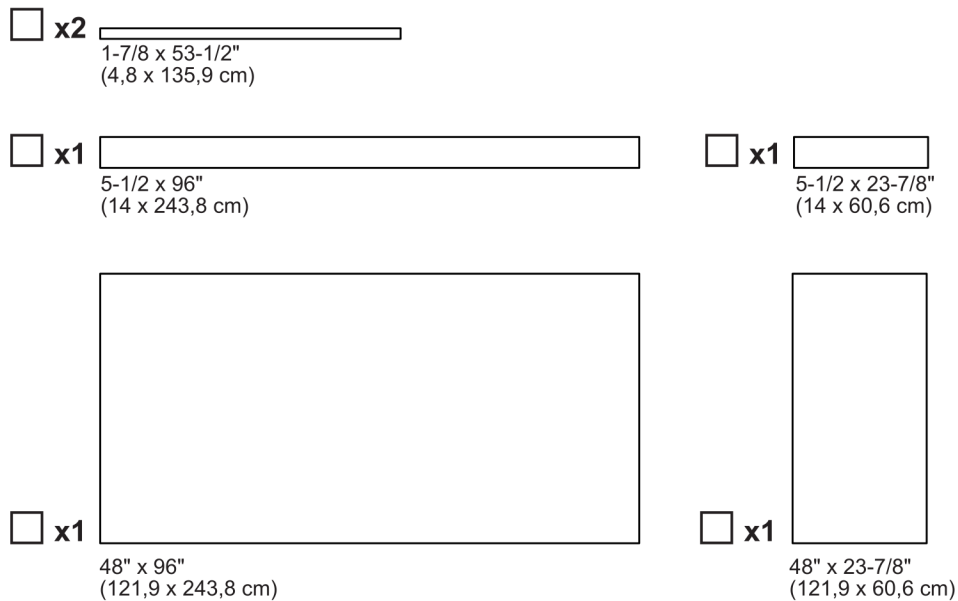
FLOOR PANELS

Pro-struct floor panels are 5/8" (1,6 cm) thick.   **NOTE: Panel parts are not stamped.**

☐ x1
48" x 96"
(121,9 x 243,8 cm)

☐ x1
48" x 23-7/8"
(121,9 x 60,6 cm)
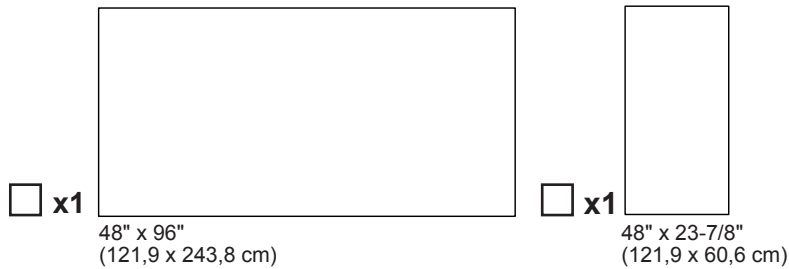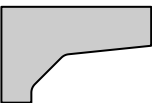
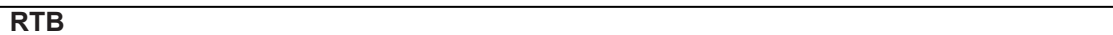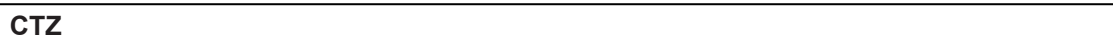## SHELF PARTS

☐ x2 WDB
2 x 3 x 5-3/4" (5,1 x 7,6 x 14,6 cm)

☐ x1 JPA
2 x 3 x 8-3/4" (5,1 x 7,6 x 22,2 cm)

☐ x1
8" x 12-1/2" (20,3 x 31,8 cm)
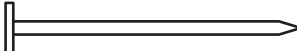
☐ x1 RTB
2 x 3 x 93-3/4" (5,1 x 7,6 x 238,1 cm)

☐ x1 CTZ
2 x 4 x 93-3/4" (5,1 x 10,2 x 238,1 cm)

☐ x1
3/8" x 9" x 96" (1,0 x 22,9 x 243,8 cm)

FASTENER/HARDWARE BAG (Shown Actual Size)

☐ x110 2" (5,1 cm)

☐ x100 1-1/2" (3,8 cm)

☐ x70 3" (7,6 cm)

☐ x20 2" (5,1 cm)

☐ x20 1-1/4" (3,2 cm)

☐ x40 3/4" (1,9 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.

NAIL BOXES (Shown Actual Size)

☐ x1 BOX 3" (7,6 cm)

☐ x2 BOXES 2" (5,1 cm)

DOOR HARDWARE (Not Actual Size)

☐ x1

☐ x2 #14 x 1" (2,5 cm)

☐ x1

☐ x7 1" (2,5 cm)

T-Handle

☐ x1

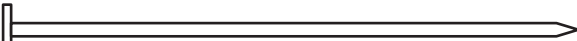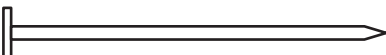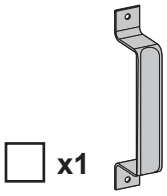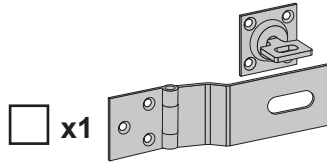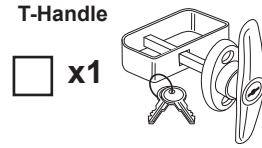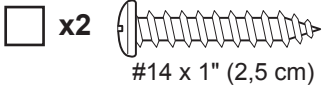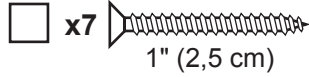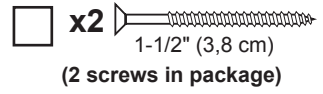☐ x2 1-1/2" (3,8 cm)
(2 screws in package)

☐ x2

☐ x8

☐ x2
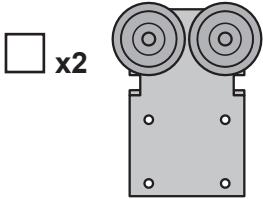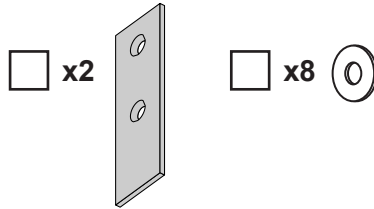
☐ x8 @ 1" (2,5 cm)
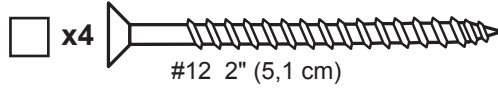
☐ x4 #12 2" (5,1 cm)
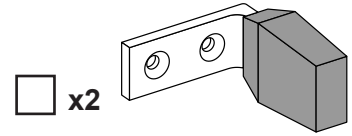
☐ x2
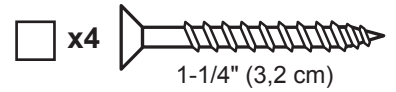
☐ x4 1-1/4" (3,2 cm)

☐ x1
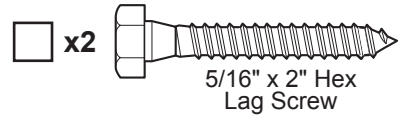
☐ x2 5/16" x 2" Hex Lag Screw

☐ x2 5/16" x 1" Hex Lag Screw

☐ x1 36" (91,4 cm) **Door Brush**
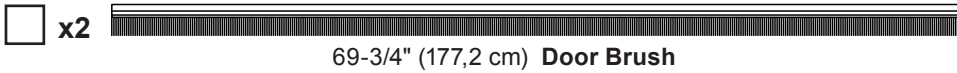
☐ x2 69-3/4" (177,2 cm) **Door Brush**
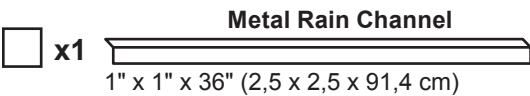
☐ x1 **Metal Rain Channel**
1" x 1" x 36" (2,5 x 2,5 x 91,4 cm)
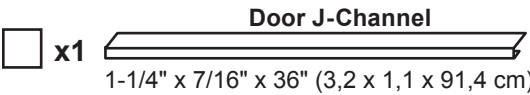
☐ x1 **Door J-Channel**
1-1/4" x 7/16" x 36" (3,2 x 1,1 x 91,4 cm)
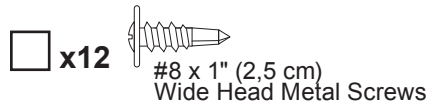
☐ x12 #8 x 1" (2,5 cm)
Wide Head Metal Screws

☐ x1 30-1/2" Metal Threshold
3/4" (1,9 cm) **x6**
Bagged separately / special coating
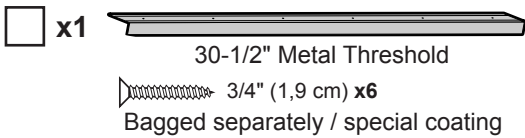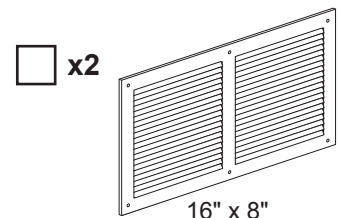
☐ x1 31-3/16" Metal Threshold
3/4" (1,9 cm) **x6**
Bagged separately / special coating

☐ x2 16" x 8"
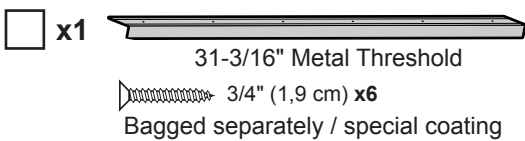
FLOOR LEVELING OPTIONS

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

PREFERRED METHOD - 4x4 TREATED RUNNERS

• 3" Screw angled into 4x4.
• (2) at each connection.

6"
(15,2 cm)

Measurements to centers of 4x4's.

6"
(15,2 cm)

DOOR
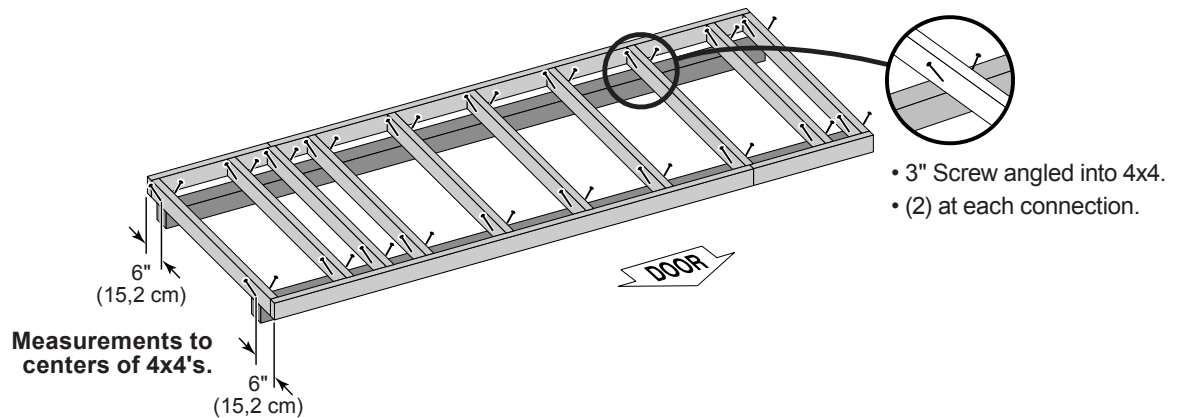
MATERIAL REQUIRED

☐ **x2** 4 x 4 x 10' (10,2 x 10,2 x 304,8 cm) Treated Lumber (Cut to (3) 48" runners.)

☐ **Fasteners for Frame to 4"x 4".**
(3" Screws shown as one option.) Minimum (40) 3" 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.

48"

12"

Shingle

Level

4x4 Runner

12"

Shingle

⚠ Do not exceed 16".

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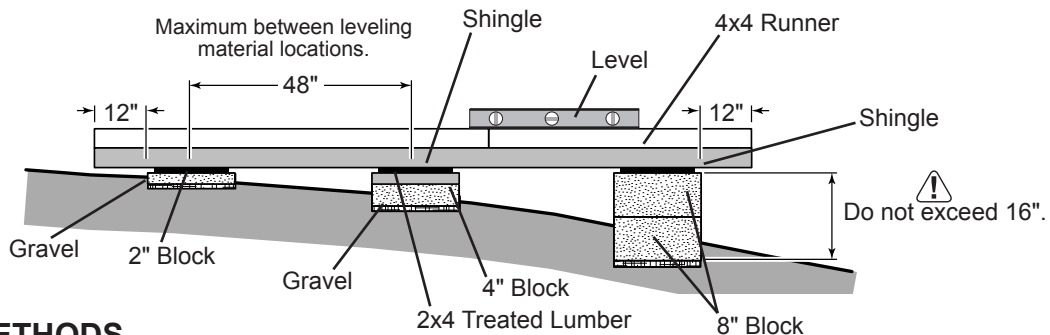
LEVELING METHODS

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

LEVELING MATERIALS

☐ Gravel

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

☐ 2x4 Treated Lumber

☐ Asphalt Shingles

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

CONCRETE

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

9

CONCRETE FOUNDATION
If you choose to install your kit on a concrete slab refer to the diagram below.

Treated Sill Plate

Caulk between sill plate and concrete.

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

A

DOOR

C

B

4"
(10,2 cm)
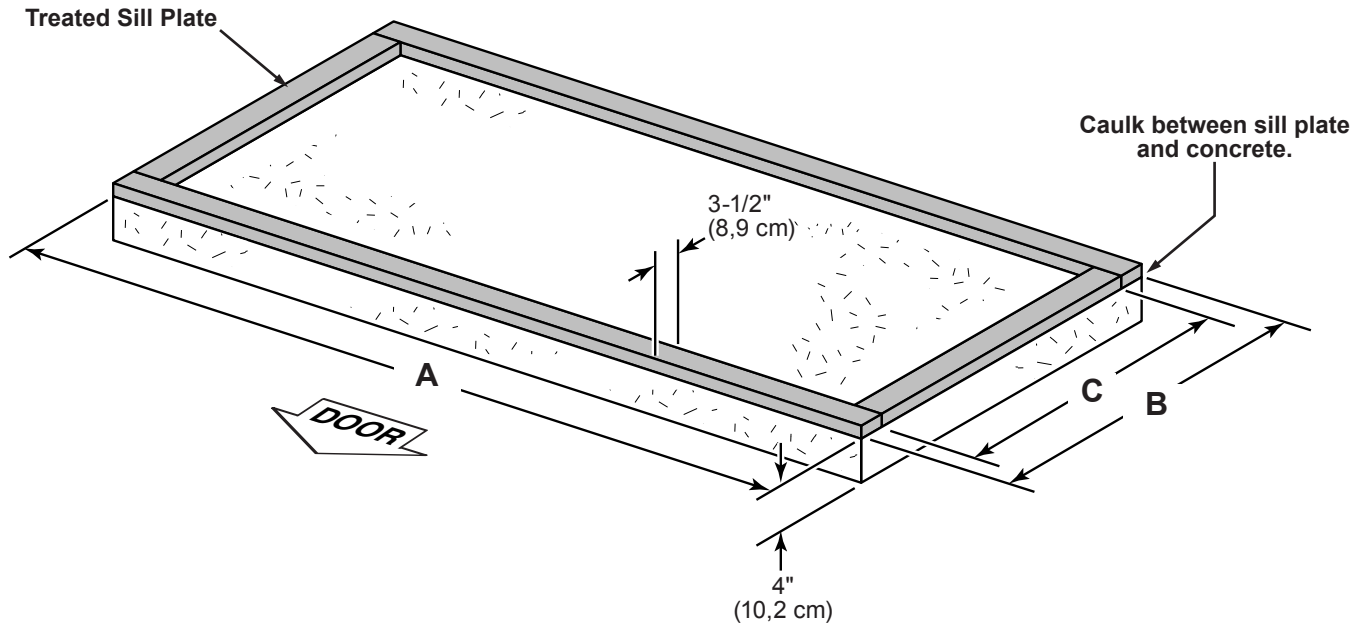
Building Size	Actual Floor Size	A	B	C
4'x10' (121,9 x 304,8 cm)	4'x10' (121,9 x 304,8 cm)	120" (304,8 cm)	48" (121,9 cm)	41" (104,1 cm)

Requires:

☐ **x2** 2 x 4 x 10' (5,1 x 10,2 x 304,8 cm) ⚠ **MUST be treated lumber.**

☐ **x1** 2 x 4 x 8' (5,1 x 10,2 x 243,8 cm) ⚠ **MUST be treated lumber.**

☐ **x1 Caulk**

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

• A treated 2 x 4" (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete.
  Hint: Use treated lumber in your kit or purchase full length treated lumber.

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

• Fasten 2 x 4" (5 ,1x 10.2 cm) sill plates to slab using approved concrete anchors **(fasteners not included)**.

• Check local code for concrete foundation requirements.

NOTES

_____

_____

_____

_____

_____

_____

_____

COMPONENT SECTION INDEX
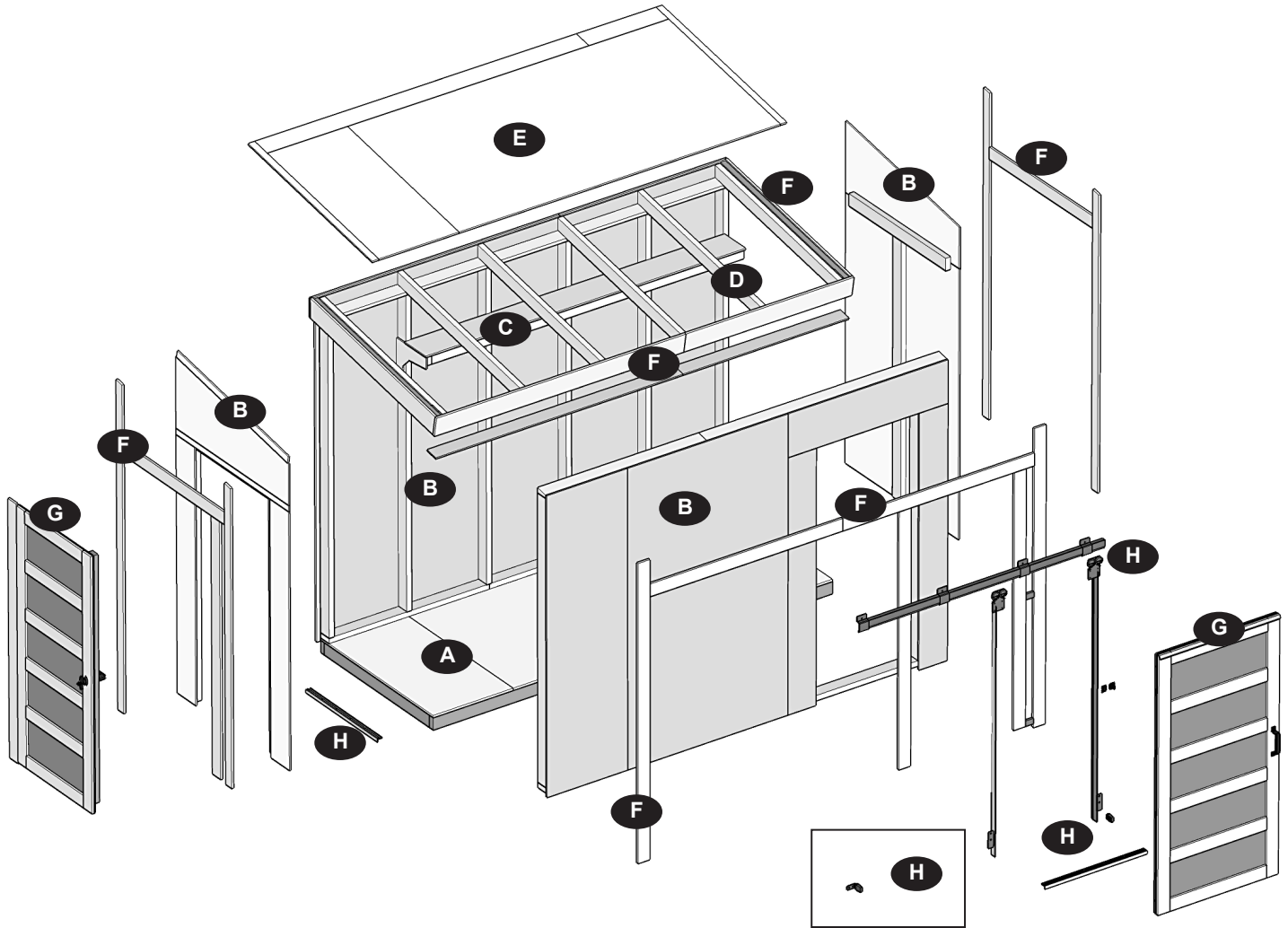
Description	Section	Page
Floor	A	12
Walls	B	16
Shelf	C	29
Rafters	D	31
Roof Panels	E	33
Trim	F	35
Doors & Door Trim	G	42
Door HDW.	H	54
Shingles/Roofing 59		

FLOOR FRAME

PARTS REQUIRED:

x2 | TREATED | 2 x 4 x 24" (5 x 10 x 61 cm)

x10 | TREATED | 2 x 4 x 45" (5 x 10 x 114,3 cm)

x2 | TREATED | 2 x 4 x 96" (5 x 10,2 x 243,8 cm)

x44 3" (7,6 cm)
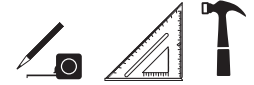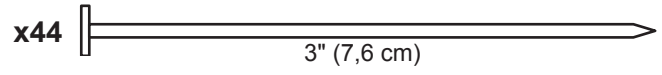
✓**BEGIN**

1 Arange parts on edge on a flat surface. Measure and mark dimensions from end of boards. Secure parts with (2) 3" nails at each mark and (4) 3" nails at seams.

HINT:
For easier nailing stand on frame.

120"
(304,8 cm)

104"
(264,2 cm)

96"
(243,8 cm)

88"
(223,5 cm)

72"
(182,9 cm)

56"
(142,2 cm)

40"
(101,6 cm)

24"
(61 cm)

8"
(20,3 cm)

24"
(61 cm)

Center on marks.

SEAM

3" (7,6 cm) Nails

45"
(114,3 cm)

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

SEAM

96"
(243,8 cm)

24"
(61 cm)
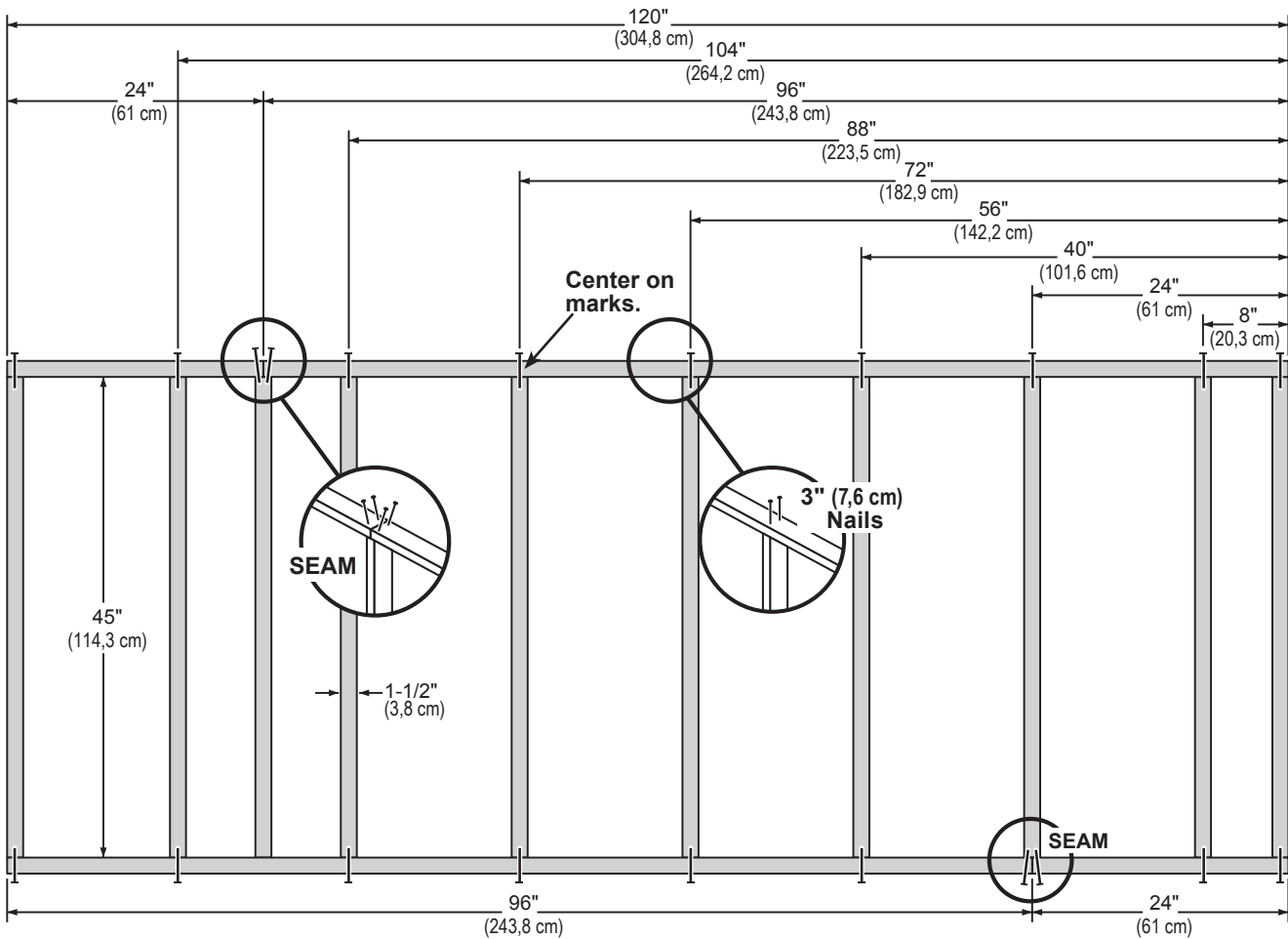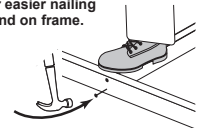
🏁**FINISH**

Your floor frame is now assembled.

NOTE: The included floor is designed for general use. Depending on your specific use you may want to construct a heavy duty floor frame by adding additional floor joists (see page 3 for optional materials).

12

FLOOR FRAME

LEVEL AND SQUARE FLOOR FRAME

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

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

✓**BEGIN**

1 ⚠ See page 9 for the preferred floor leveling method.

2 Use level and check the frame is level before installing floor panels.

3 Check for frame squareness by measuring diagonally across corners.
If the measurements are the same, the frame is square.
The diagonal measurement will be approximately 129-1/4" (328,3 cm).

4 When the frame is level and square secure one side of frame to the 4x4 runners using one fastener at ends of each runner.
At the opposite end of the frame, secure the frame to 4x4 runners with one fastener at the end of each runner making sure the frame remains square **(Fig. A)**.

Fig. A

Second, secure at ends with one fastener.

First, secure at ends with one fastener.

129-1/4"
(328,3 cm)

129-1/4"
(328,3 cm)

🏁**FINISH**
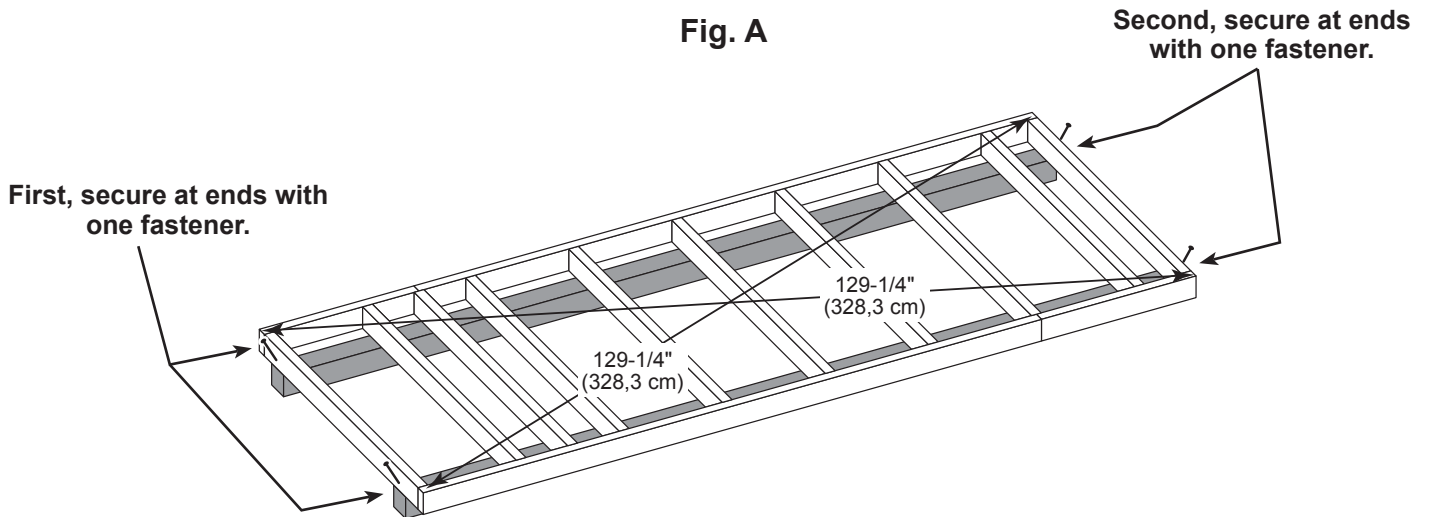
Once the floor frame is level and square, fasten the frame at each point where the frame contacts the 4x4 runners.

FLOOR PANELS

PARTS REQUIRED:

x1 48 x 96"
(121,9 x 243,85 cm)

x1 48 x 23-7/8"
(121,9 x 60,6 cm)

x93 2" (5,1 cm)
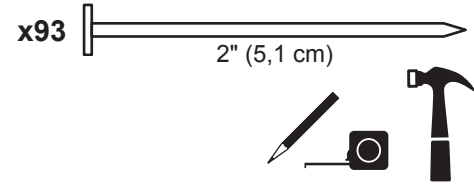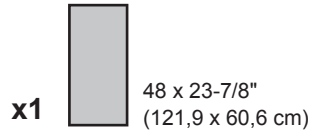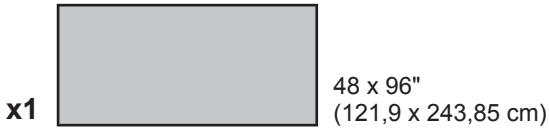
⚠ **Ensure your floor frame is square by installing panel and squaring frame.**

✓**BEGIN**

1 Install the **48" x 96"** pro-struct panel with the 48" edge and corner flush to the floor frame **(Fig A)**.
Secure panel with (2) 2" nails in the corners. *Ensure that the 48" edge will be 3/4" on the floor joist.*

2 Move to the opposite end. Using the long edge of the panel as a lever, move the panel side-to-side until
the 96" edges are flush to the floor frame **(Fig. B)**. *Ensure that the 48" edge will be 3/4" on the floor joist.*
Secure panel with (2) 2" nails in the corners.

Fig. A — Flush — (2) Nails

⚠ 3/4" on edge. — Flush — **Fig. B**
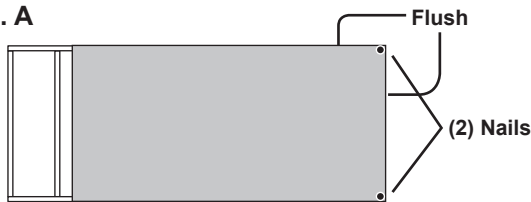
(2) Nails — **Move**
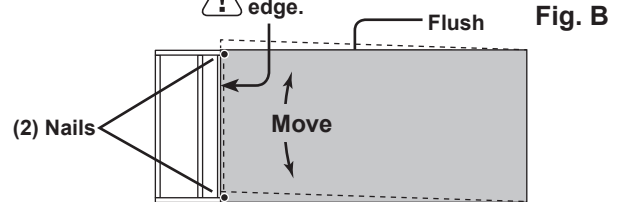
3 Install the **48" x 23-7/8"** pro-struct panel, flush along edges and flush to the installed panel.
Secure with (1) 2" nail in each corner.

Flush → ⚠ 3/4" (1,9 cm)

Flush

6" (15,2 cm)

12" (30,5 cm)

23-7/8"
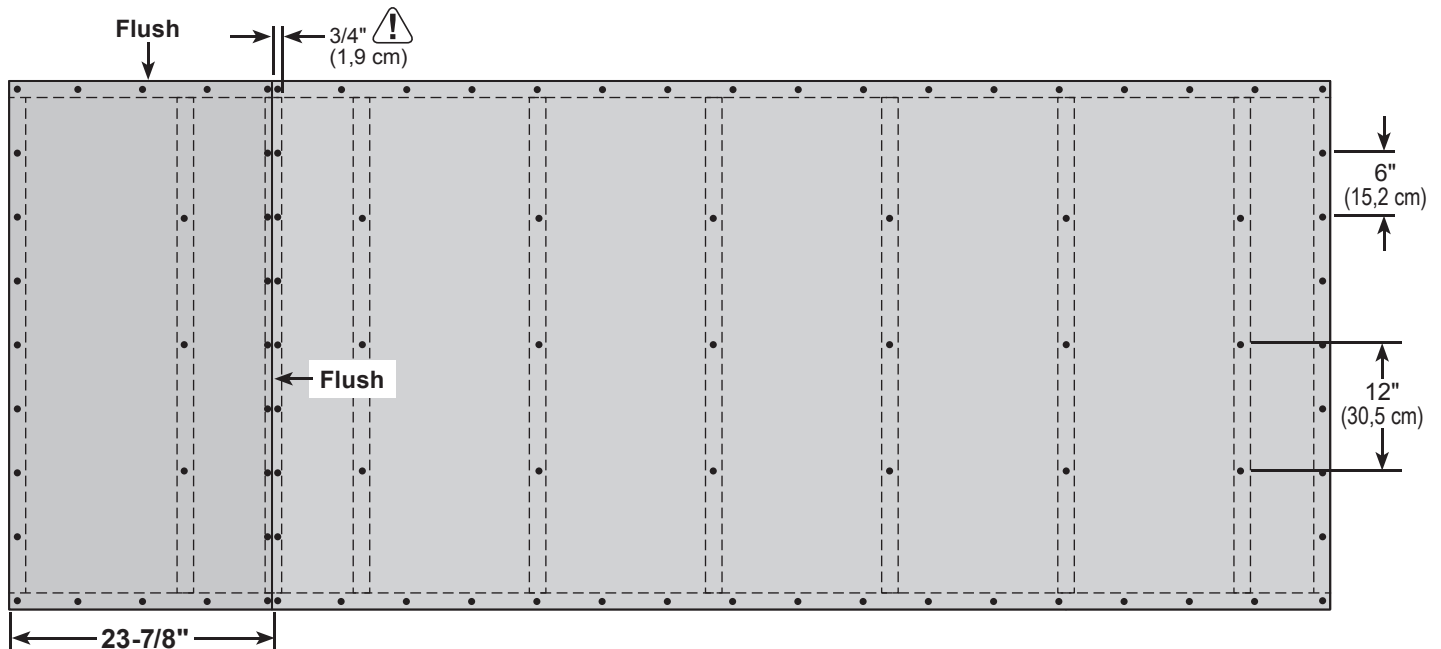
4 Continue securing the panels with 2" nails spaced 6" apart on edges and 12" apart inside panels.

🏁**FINISH**
Your floor panels are now installed.

14

STOP! **Check that the floor frame is level after installing floor panels.**
Re-level if needed.
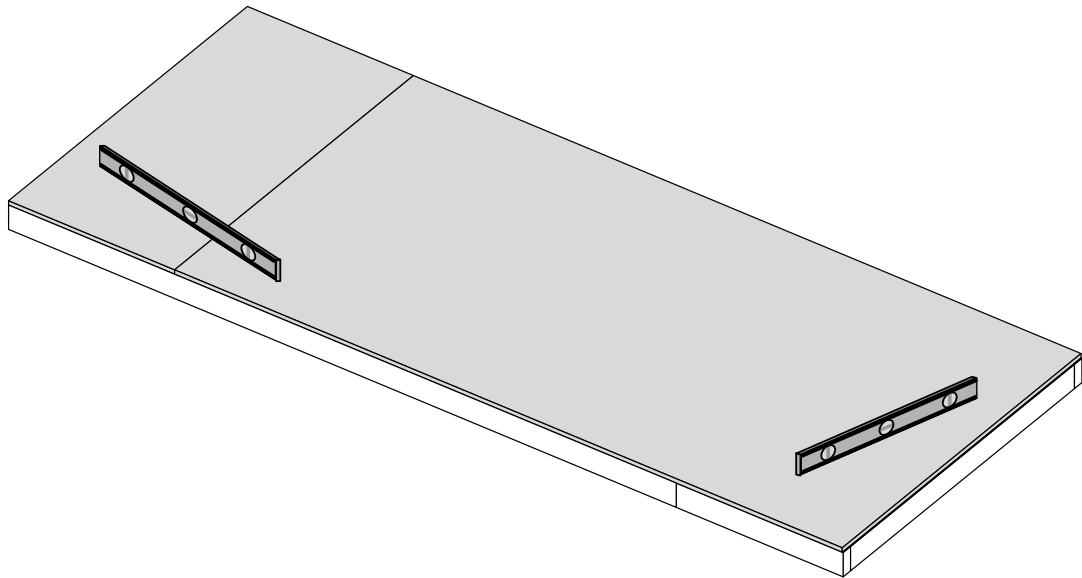
HINT:
- **The floor may be used as a stable work surface for wall construction.**
- **Organize your assembly procedure during the build process to avoid over-handling of the walls.**
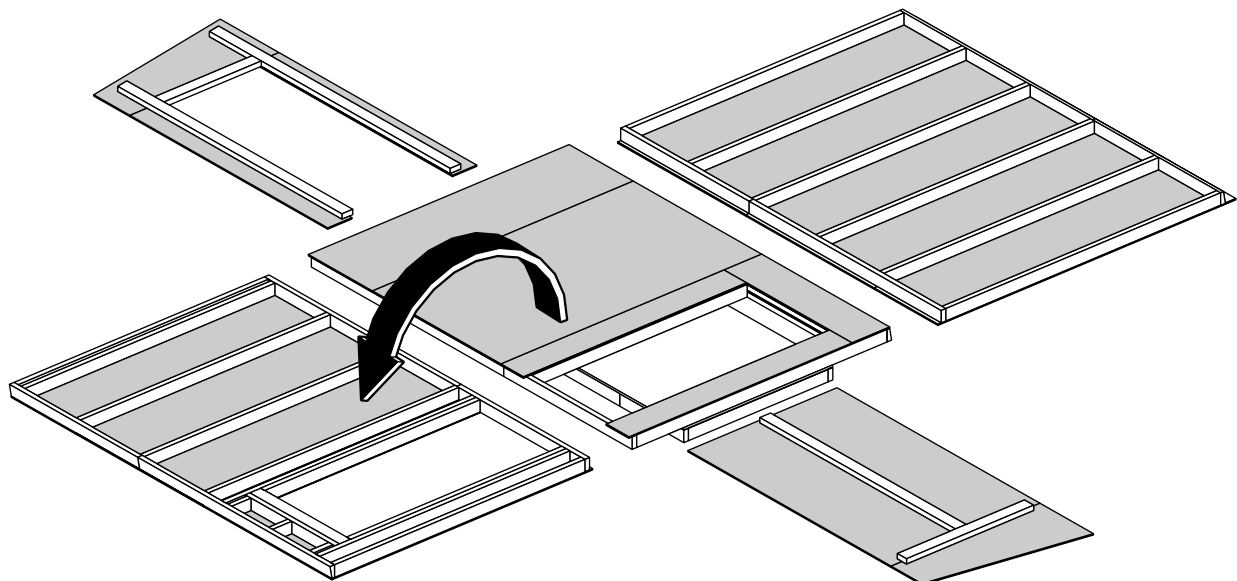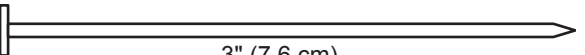
DOOR HEADER
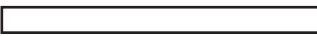
Assemble this door header before building any walls!

PARTS REQUIRED:

x14 3" (7,6 cm)

x1 7/16" x 3-1/4" x 33-5/8" (1,1 x 8,3 x 85,4 cm) *OSB*

x2 **BZM** 2 x 4 x 33-5/8" (5,1 x 10,2 x 85,4 cm)
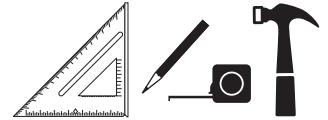
✓**BEGIN**

1 Place (1) **BZM** and *OSB* end-to-end on flat surface, flush in middle.

Center *OSB* on top of **BZM**.

Fasten together with 3" nails in the pattern shown.

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

ASSEMBLED END VIEW

BZM

Flush

3" (7,6 cm) Nails

Flush

OSB

BZM

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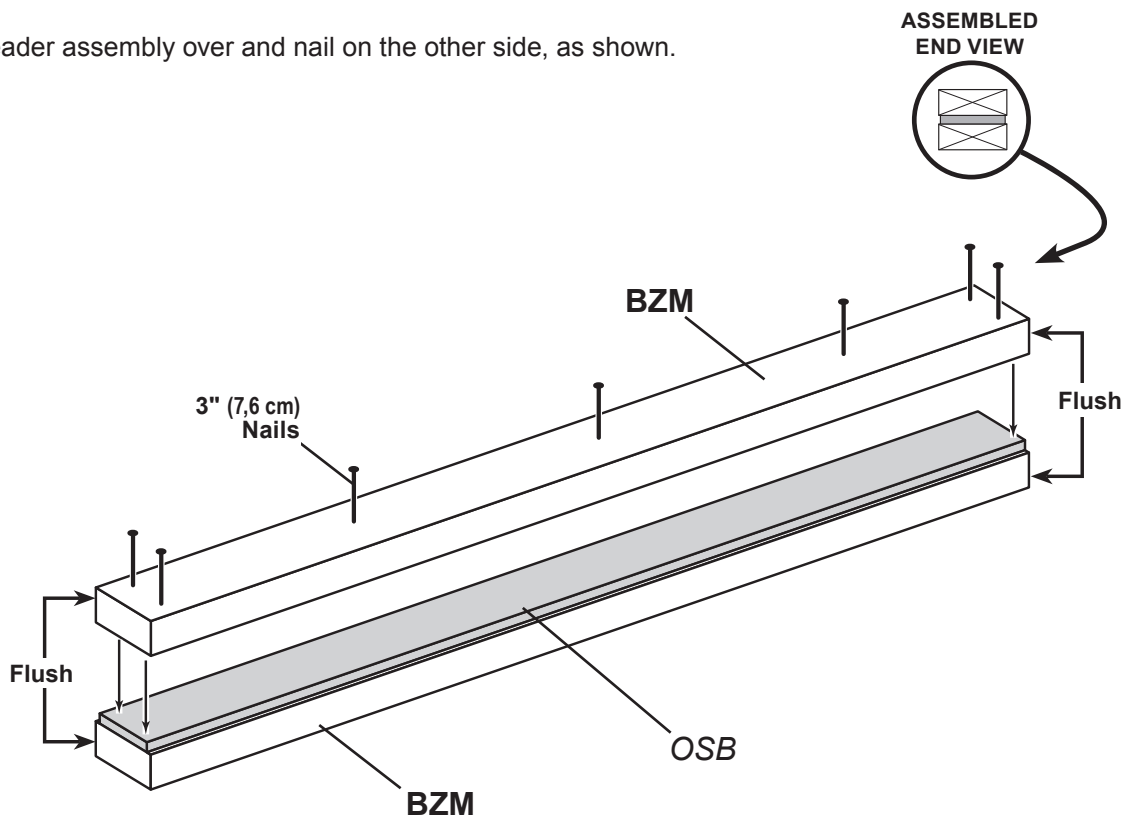
Your door header is now assembled.

WALL PANEL INSTALLATION HINTS & EXAMPLES

PARTS REQUIRED:

x1 3/8 x 48 x 76"
(1 x 121,9 x 193 cm)

**3/4"
Measuring
Guide**

x50 2" (5,1 cm)
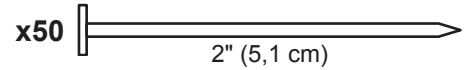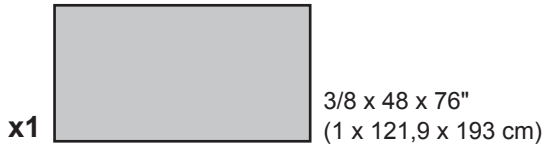
⚠ *Ensure your wall is square by installing one panel and squaring frame.*

Install all wall panels with the primed side facing up.

✓**BEGIN**

1 Place a **48" x 76"** panel on the wall frame, as shown.
Locate the panel flush to the top plate.
> *HINT: Use a 3/4" piece of wood as a measuring guide to mark the 3/4"
> measurement on the wall stud.*
Secure panel with (2) 2" nails in the corners **(Fig. A)**.
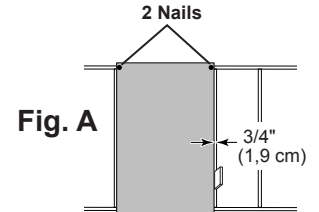
Fig. A

2 Nails

3/4"
(1,9 cm)

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.

Fig. B

3/4"
(1,9 cm)

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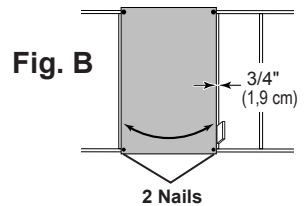
⚠
**For squareness maintain 3/4" and 1-1/2"
measurement along panel edge.**

3/4"
(1,9 cm)

BEGIN HERE

EXAMPLE WALL

6" (15,2 cm)

12" (30,5 cm)

💡 **HINT**
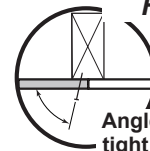
**Angle nail to draw panels
tight at seams.**

3/4"
(1,9 cm)

**3/4"
Measuring
Guide**

17

FRONT WALL FRAME

PARTS REQUIRED:

x3 **AYC**
2 x 4 x 6-1/4" (5,1 x 10,2 x 15,9 cm)

x1 **BZM**
2 x 4 x 33-5/8" (5,1 x 10,2 x 85,4 cm)

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

x1 **RAC**
2 x 3 x 4-1/8" (5,1 x 7,6 x 10,5 cm)

x2 **HUB**
2 x 4 x 69-3/4" (5,1 x 10,2 x 177,2)

x2 **XMB**
2 x 4 x 80-5/8" (5,1 x 10,2 x 204,8 cm)

x38 3" (7,6 cm)

x3 3" (7,6 cm)

x2 *Header Spacer*
7/16" x 3-1/2" x 6-1/4" (1,1 x 8,9 x 15,9 cm)

Pre Assembled Header
x1

✓**BEGIN**

1
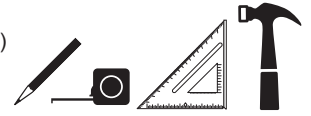
Arrange parts on edge on a flat surface.
Measure and mark.

Install (2) **AYC**, (1) **BZM** and (2) **XMB** studs
with (2) *Header Spacers* between studs
and **AYC**.
Secure with (2) 3" nails at each connection.

2

Install **SP** to studs at measurement shown.
Secure with (2) 3" nails at each connection.

3

Install 2x3 Hasp Block **RAC** flush to top of stud
(Fig. B).
Use *any 2x4* from the kit as a temporary support
under **RAC**.
Secure with (1) 3" screw. Pre drill screw hole.
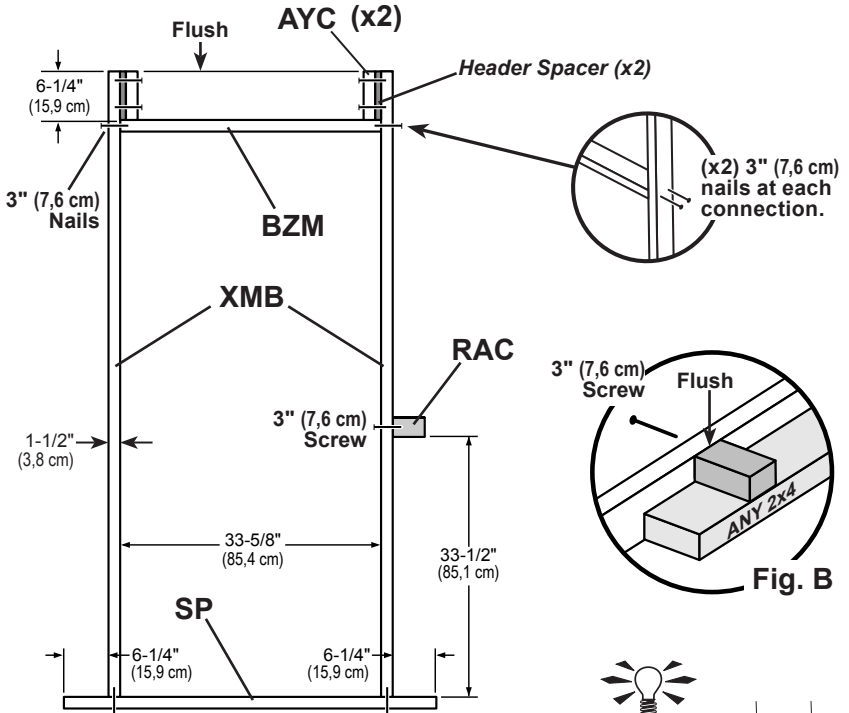
4

Install **Preassembled Header** as in **(Fig. A)**.
Secure with (2) 3" nails at each side
and with (2) 3" nails from the top.

5

Install (1) middle **AYC** at measurement shown.
Secure with (2) 3" screws at an angle.
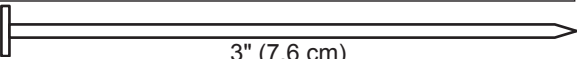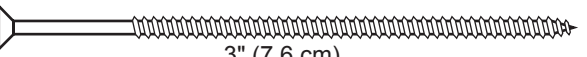
6

Install (2) jack studs **HUB**.
Secure with (2) 3" nails at locations shown.

Flush

AYC (x2)

Header Spacer (x2)

6-1/4"
(15,9 cm)

3" (7,6 cm)
Nails

BZM

**(x2) 3" (7,6 cm)
nails at each
connection.**

XMB

RAC

3" (7,6 cm)
Screw

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

33-5/8"
(85,4 cm)

33-1/2"
(85,1 cm)

SP

6-1/4"
(15,9 cm)

6-1/4"
(15,9 cm)

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

ANY 2x4

Fig. B

HINT:

3" (7,6 cm)
Screws

18-3/8"
(46,7 cm)

AYC

Header

3" (7,6 cm)
Nails

Fig. A

**Install Header in
this position.**

HUB

18
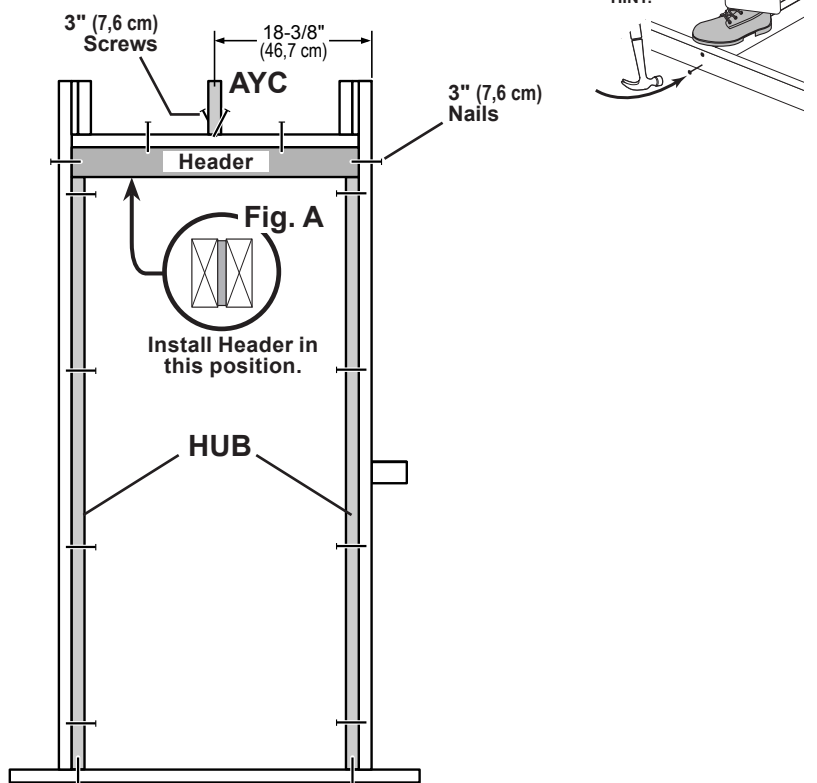
FRONT WALL FRAME

PARTS REQUIRED:

x1 | EMA
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
Beveled Profile

x1 | GVC
2 x 4 x 72" (5,1 x 10,2 x 182,9)
Beveled Profile

x6 | XMB
2 x 4 x 80-5/8" (5,1 x 10,2 x 204,8 cm)

x40 | 3" (7,6 cm)

x1 | 3" (7,6 cm)

x1 | TM
2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)

7

Arrange parts on edge on flat surface. Measure and mark.

Ensure profile angle of (2) top plates **GVC** and **EMA** are with the narrow edge up **(Fig. C)**.

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

Secure **XMB** to Hasp Block **RAC** with (1) 3" screw.
Pre-drill screw hole.

Fig. C

GVC

Narrow edge up.

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

120"
(304,8 cm)

116-3/4"
(296,5 cm)

96"
(243,8 cm)

48"
(121,9 cm)

72"
(182,9 cm)

48"
(121,9 cm)

41-1/2"
(105,4 cm)

24"
(61 cm)

EMA

GVC

Flush

Flush

3" (7,6 cm)
Nails

SEAM

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

XMB
x6

80-5/8"
(204,8 cm)

RAC

3" (7,6 cm)
Screw

3" (7,6 cm)
Nails

TM

SP

SEAM

Flush

72"
(182,9 cm)

48"
(121,9 cm)

Flush

FINISH
Your front wall frame is now assembled.

19

FRONT WALL PANELS

PARTS REQUIRED:

x1 24 x 84" (61 x 213,3 cm)

x1 48 x 84" (121,9 x 213,3 cm)

x1 11-7/8 x 48" (30,2 x 121,9 cm)

x2 8-1/2 x 72" (21,6 x 182,9 cm)

x173 2" (5,1 cm)
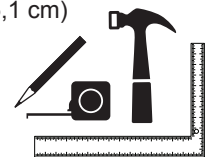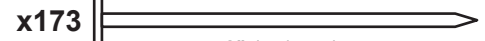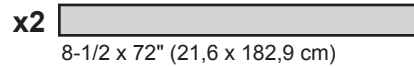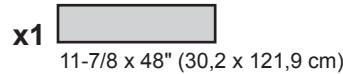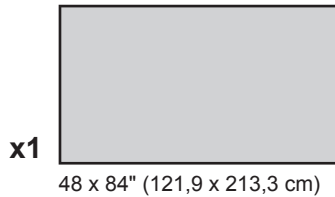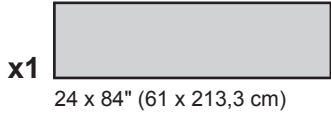
✓**BEGIN**

1

Install (1) **48" x 84"** panel flush to bevelled edge of top plate.
Use a 3/4" piece of wood as a measuring guide to mark the 3/4" measurement on the wall studs.
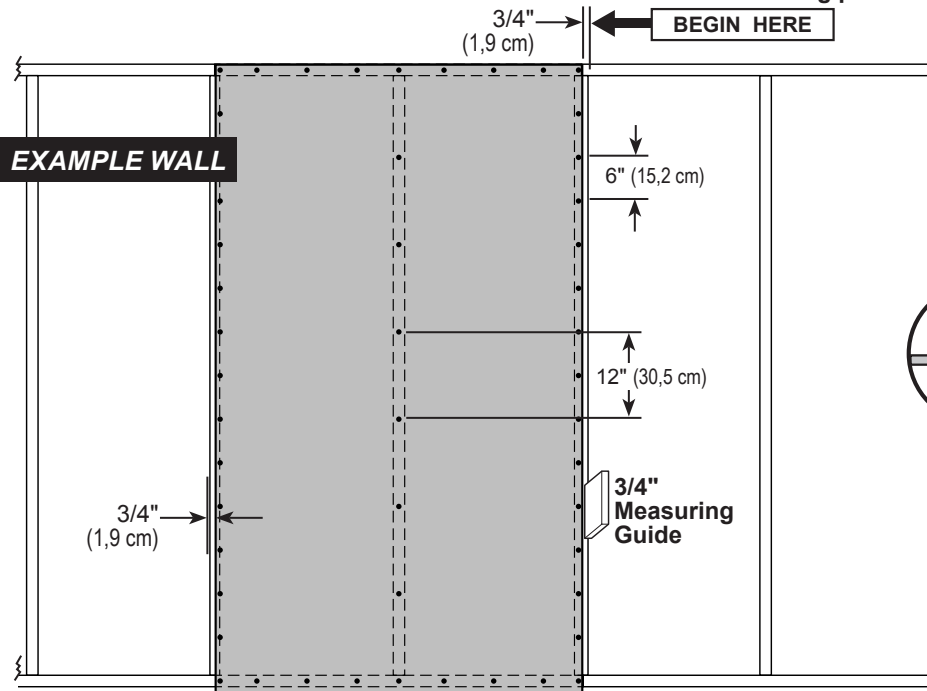Secure panel with 2" nails spaced 6" apart along edges and 12" apart on inside of panels.

2

Install (1) **24" x 84"** panel flush to installed panel and flush to bevelled edge of top plate.
Secure panel with 2" nails spaced 6" apart along edges and 12" apart on inside of panel.

3

Install panels in the following order:
1. (1) 11-7/8" x 48" over door panel.
Flush panel to bevelled edge of top plateand flush to installed panel.
Secure panel with 2" nails spaced 6" apart.

2. (2) 8-1/2" x 72" door filler panels flush to door frame and flush to installed panels.
Secure panels with 2" nails spaced 6" apart and 12" apart on inside of panel..

⚠ **For squareness maintain 3/4" measurement along panel edge.**

Flush

3/4" (1,9 cm)

BEGIN HERE

Flush to top of bevel.

6" (15,2 cm)

3/4" (1,9 cm)

3/4" Guide

3/4" Guide

12" (30,5 cm)

3/4" (1,9 cm)

Flush to top of bevel.

Flush to top of bevel.

24" x 84"

11-7/8" x 48"

Flush

Flush →

6" (15,2 cm)

8-1/2" x 72"

← **Flush**

Flush →

Flush →

12" (30,5 cm)
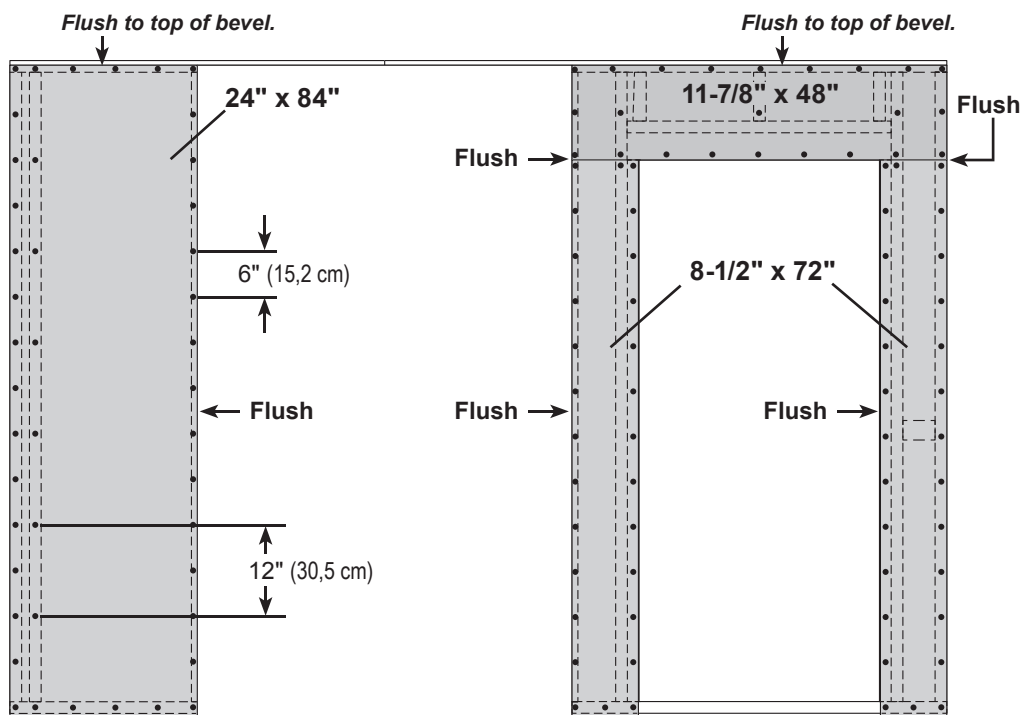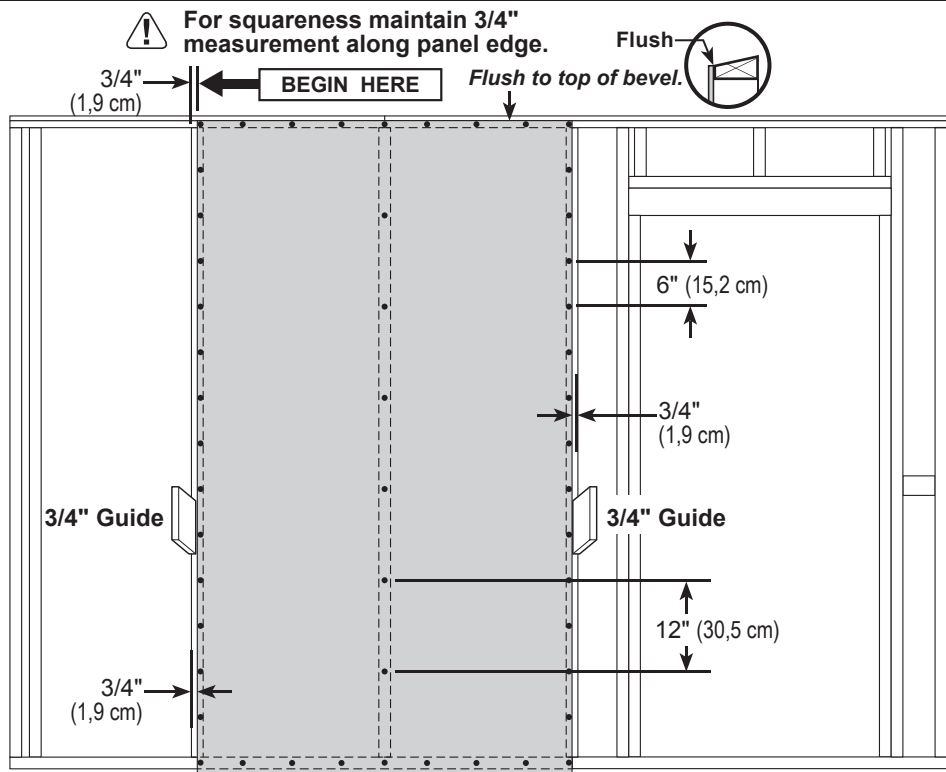
🏁**FINISH**

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

20

BACK WALL FRAME

PARTS REQUIRED:

x28 — 3" (7,6 cm)

x1	SP	2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
x1	TM	2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)
x6	IMU	2 x 4 x 88-1/2" (5,1 x 10,2 x 224,8 cm)
x1	EMA	2 x 4 x 48" (5,1 x 10,2 x 121,9 cm) *Beveled Profile*
x1	GVC	2 x 4 x 72" (5,1 x 10,2 x 182,9) *Beveled Profile*
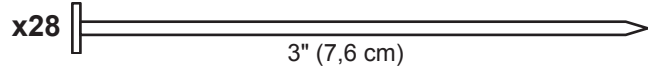
✓ BEGIN

1
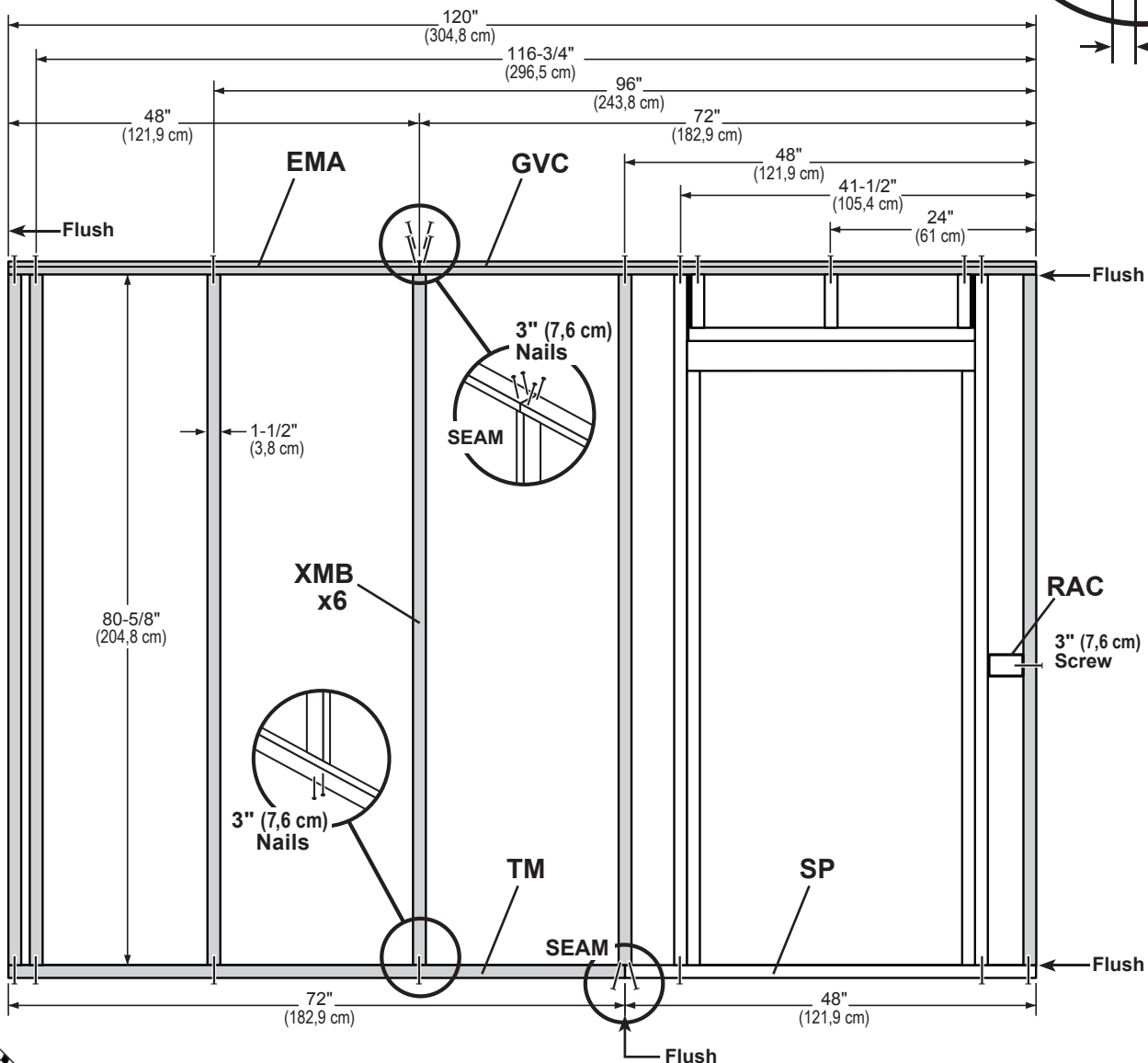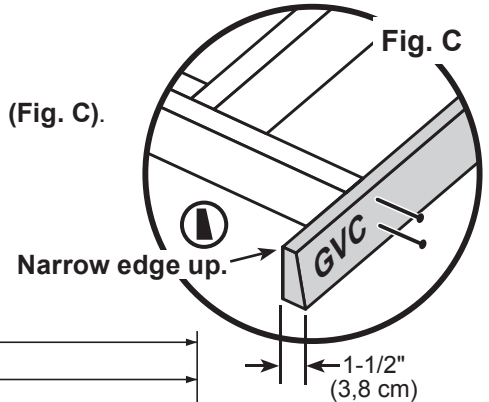
Arrange parts on edge on flat surface. Measure and mark.

Ensure profile angle of (2) top plates **GVC** and **EMA** are correct **(Fig. A)**.

Secure with (2) 3" nails at each mark and (4) 3" nails at the seam.

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

GVC

Fig. A

Narrow edge down.

120"
(304,8 cm)

96"
(243,8 cm)

48"
(121,9 cm)

72"
(182,9 cm)

48"
(121,9 cm)

24"
(61 cm)

Flush

Flush

EMA

3" (7,6 cm) Nails

GVC

SEAM

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

88-1/2"
(224,8 cm)

IMU x6

3" (7,6 cm) Nails

TM

SP

SEAM

Flush

72"
(182,9 cm)

48"
(121,9 cm)

Flush
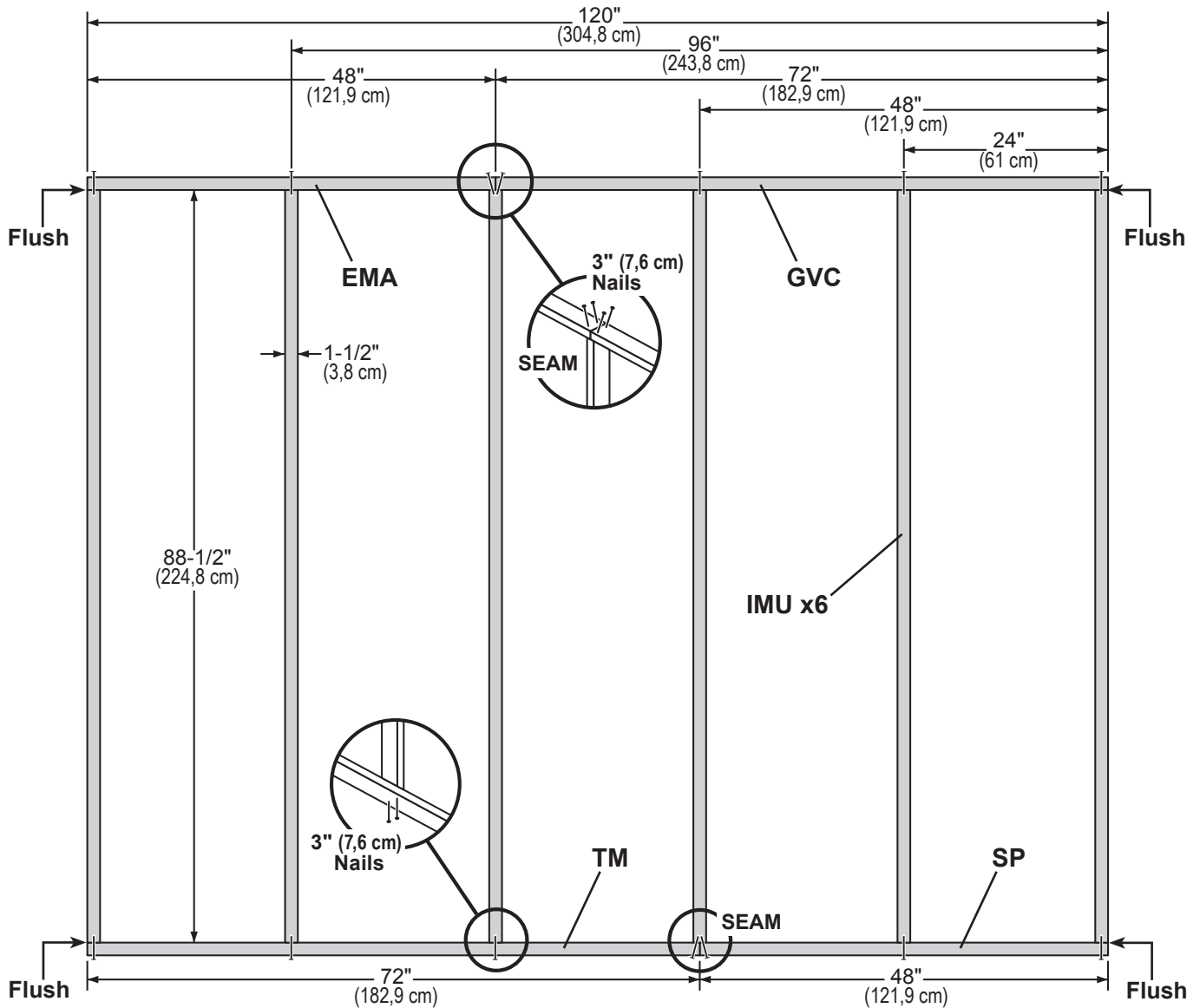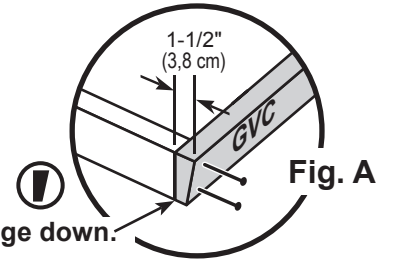
🏁 FINISH Your back wall frame is assembled.

21

BACK WALL PANELS

PARTS REQUIRED:

x1
23-7/8 x 96"
(60,6 x 243,8 cm)

x2
48 x 96"
(121,9 x 243,8 cm)

x144
2" (5,1 cm)
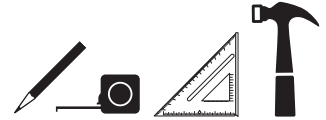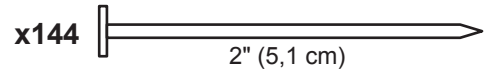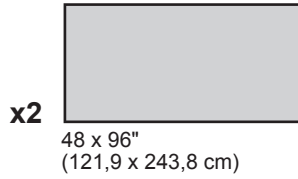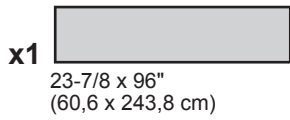
✓**BEGIN**

1

Install (1) **48" x 96"** panel 3-1/2" above bevelled edge of top plate.

HINT: Use a 2x4 as a temporary measurement guide where panels overhang top plate.

Use a 3/4" piece of wood as a measuring guide to mark the 3/4" measurement on the wall studs.

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

⚠ **For squareness maintain 3/4" measurement along panel edge.**

3/4"
(1,9 cm)

BEGIN HERE

3-1/2" (15,2 cm) above bevel.

3-1/2"

6" (15,2 cm)

3/4"
(1,9 cm)

3/4" Guide   **3/4" Guide**

12" (30,5 cm)

3/4"
(1,9 cm)
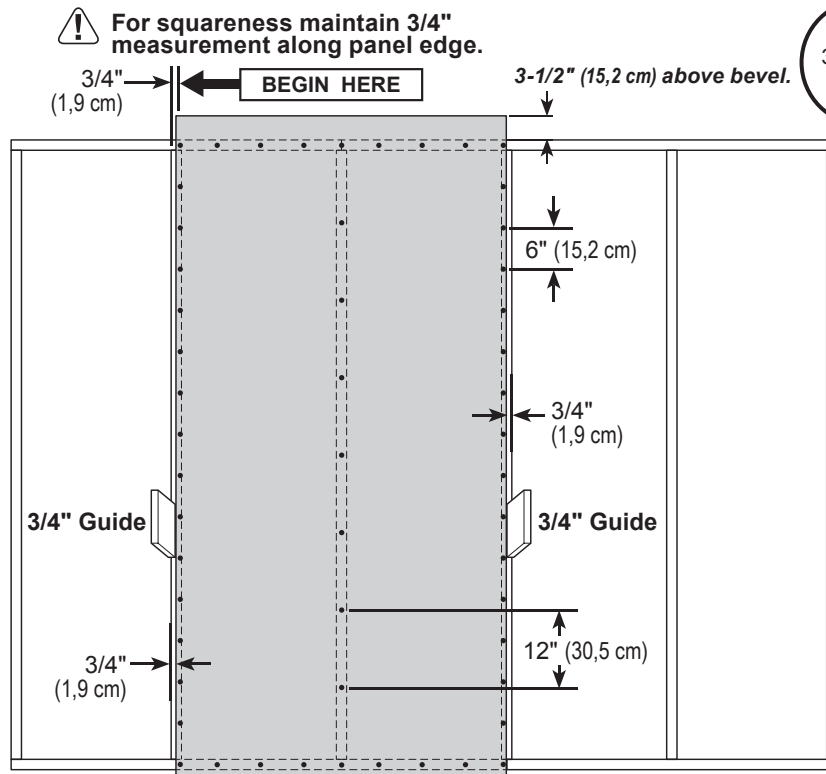
2

Install (1) **23-7/8" x 96"** and (1) **48" x 96"** panel flush to installed panel and flush to bevelled edge of top plate.

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

3-1/2" (15,2 cm) above bevel.

3-1/2"

6" (15,2 cm)

Flush   **Flush**

12" (30,5 cm)
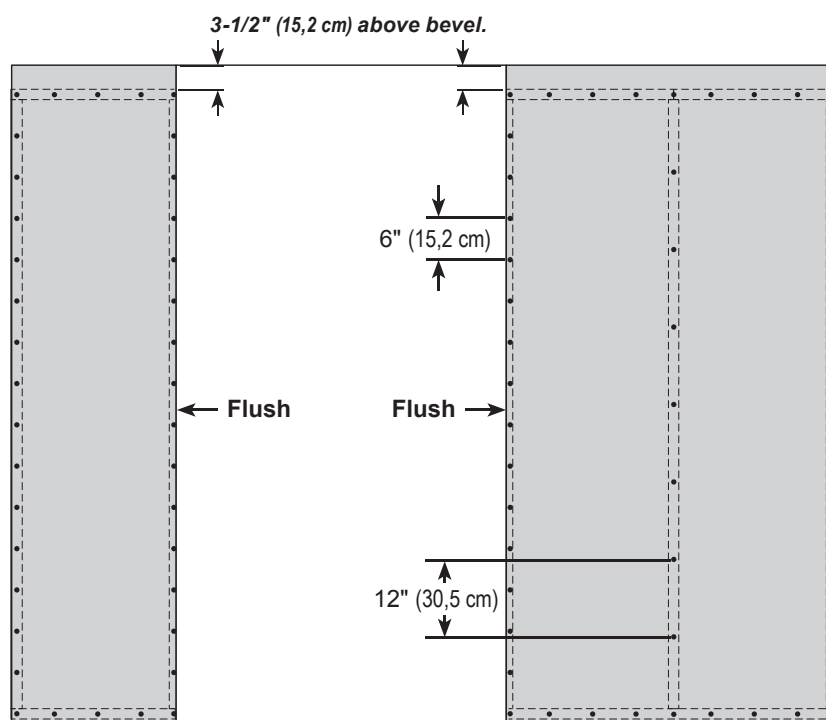
🏁**FINISH**

Your have finished your back wall. Carefully flip the wall over.

22
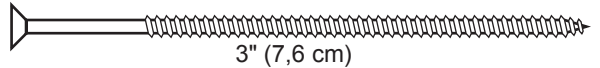
PARTS REQUIRED:

x1 LBA
2 x 4 x 31-5/16" (5,1 x 10,2 x 81,1 cm)

x1 FVA
2 x 4 x 84-9/16" (5,1 x 10,2 x 214,8 cm)
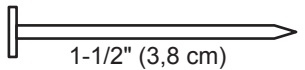
x1 DKC
2 x 4 x 90-11/16" (5,1 x 10,2 x 230,3 cm)

x2
7-13/16" x 72" (19,8 x 182,9 cm)

x4
3" (7,6 cm)

x1
20" x 48" (50,8 x 121,9 cm)

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

x45
1-1/2" (3,8 cm)
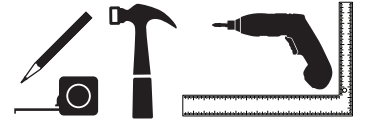
✓ BEGIN
1

Arrange parts on flat sides on a flat surface. Measure and mark.

Secure **LBA** to studs with (4) 3" screws, as shown.

3" (7,6 cm) Screws

LBA

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

70-5/8"
(179,4 cm)

DKC

FVA

31-5/16"
(79,5 cm)

⬛ FINISH
You have finished your left wall.
Carefully flip the wall over.

2

Install all panels to the measurements shown, with the primed side facing up.

A. Install (2) **7-13/16" x 72"** panels.
B. Install the **2" x 48"** filler panel between installed panels.
C. Install the upper **20" x 48"** panel flush to installed panels.

Secure panels with 1-1/2" nails spaced 6" apart, as shown.

2" x 48"   **20" x 48"**

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

Flush   Flush

Flush →

5/8"
(16 mm)
⚠️

← Flush

1-1/8" →
(2,9 cm)

6"
(15,2 cm)

← Flush

1-1/8" →
(2,9 cm)

7-13/16" x 72"

⚠️
**MAINTAIN
31-5/16" (79,5 cm)
MEASUREMENT
BETWEEN STUDS**

7-13/16" x 72"

1"
(2,5 cm)

1"
(2,5 cm)

RIGHT SIDE WALL

PARTS REQUIRED:

x1 | **VWA**
2 x 4 x 41" (5,1 x 10,2 x 104,1 cm)

x1 | **CXB**
2 x 4 x 73-1/4" (5,1 x 10,2 x 186,1 cm)

x1 48 x 76" (121,9 x 193 cm)

x2 3" (7,6 cm)

x1 20" x 48" (50,8 x 121,9 cm)

x27 1-1/2" (3,8 cm)

✓ **BEGIN**

1
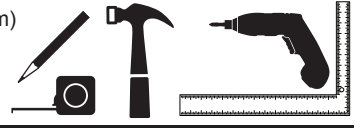
Arrange parts on flat sides on a flat surface. Measure and mark.

Secure **CXB** to **VWA** with (2) 3" screws, as shown.

VWA

3" (7,6 cm) Screws

18-3/4" (47,6 cm) 18-3/4" (47,6 cm)

CXB

🏁 **FINISH**

You have finished your right wall.
Carefully flip the wall over.
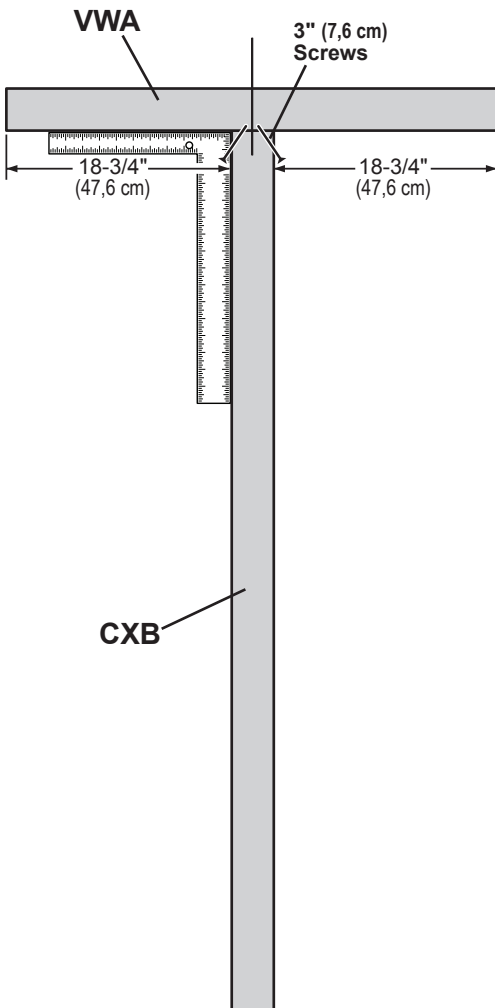
2

Install panels to the measurements shown, with the primed side facing up.
A. Center the **48" x 76"** panel.
B. Install the upper **20" x 48"** panel flush to installed panel.
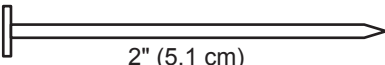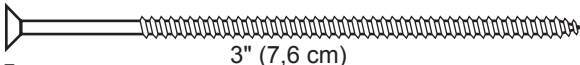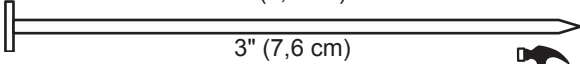
Secure panels with 1-1/2" nails spaced 6" apart, as shown.

20" x 48"

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

CENTER

Flush →

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

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

24" (61 cm) 22-1/4" (56,5 cm)

6" (15,2 cm)

1" (2,5 cm)

24

BACK WALL INSTALLATION

PARTS REQUIRED:

x23 ━━━━━━━━▶ 2" (5,1 cm)

x2 ━━━━━━━━━━━━━━━━━ 3" (7,6 cm)

x1 ☐ **MJC**   **TEMPORARY SUPPORT**
2 x 4 x 53-1/2" (5,1 x 10,2 x 135,9 cm)

x10 ━━━━━━━━━━━ 3" (7,6 cm)

✓**BEGIN**

1 Center back wall on the floor.
The 3-1/2" measurement is at the top.

Install **MJC** as a temporary brace.
Secure with (2) 3" screws.

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

MJC

**3" (7,6 cm)
Screws x2**

DOOR

**LEVEL
(Plumb)**

Flush

2 Secure lower edge of panels to floor frame
with 1-1/2" nails spaced 6" apart.
Angle nails into the floor frame **(Fig. A)**.

3 Secure bottom plates to floor with 3" nails.

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

DOOR

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

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

**Nail 2"
nails first.**

Fig. A

6"
(15,2 cm)

25
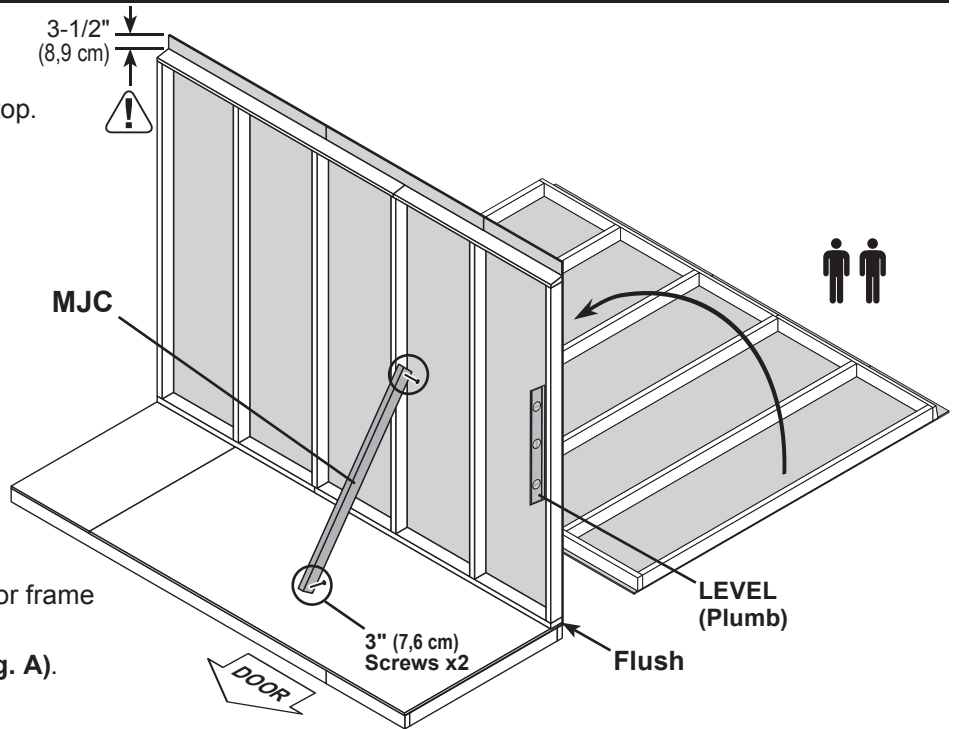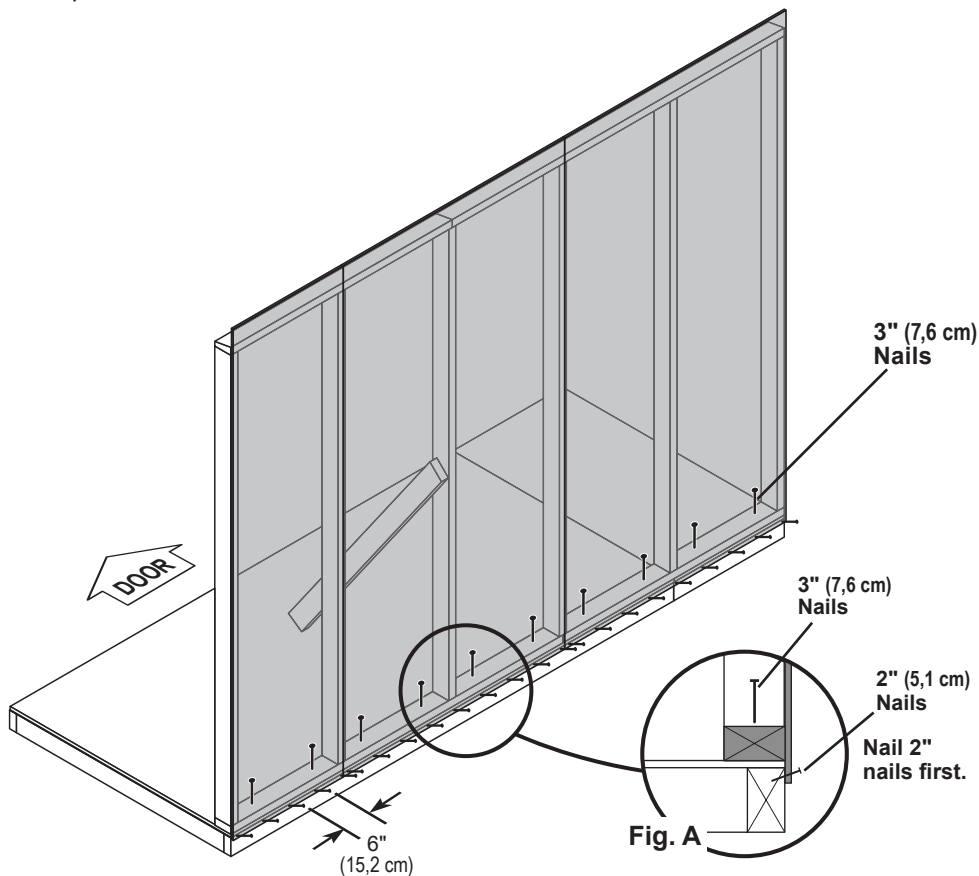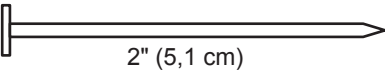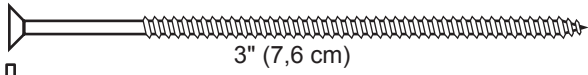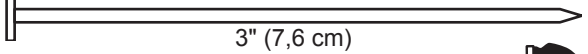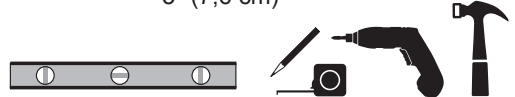
FRONT WALL INSTALLATION

PARTS REQUIRED:

x18 | 2" (5,1 cm)

x4 | 3" (7,6 cm)

x8 | 3" (7,6 cm)

x1 | **MJC** TEMPORARY SUPPORT
2 x 4 x 53-1/2" (5,1 x 10,2 x 135,9 cm)

✓**BEGIN**

1 Center back wall on the floor.
The 3-1/2" measurement is at the top.

Install **MJC** as a temporary brace.
Secure with (2) 3" screws.

3" (7,6 cm) Screws x2

MJC

LEVEL (Plumb)
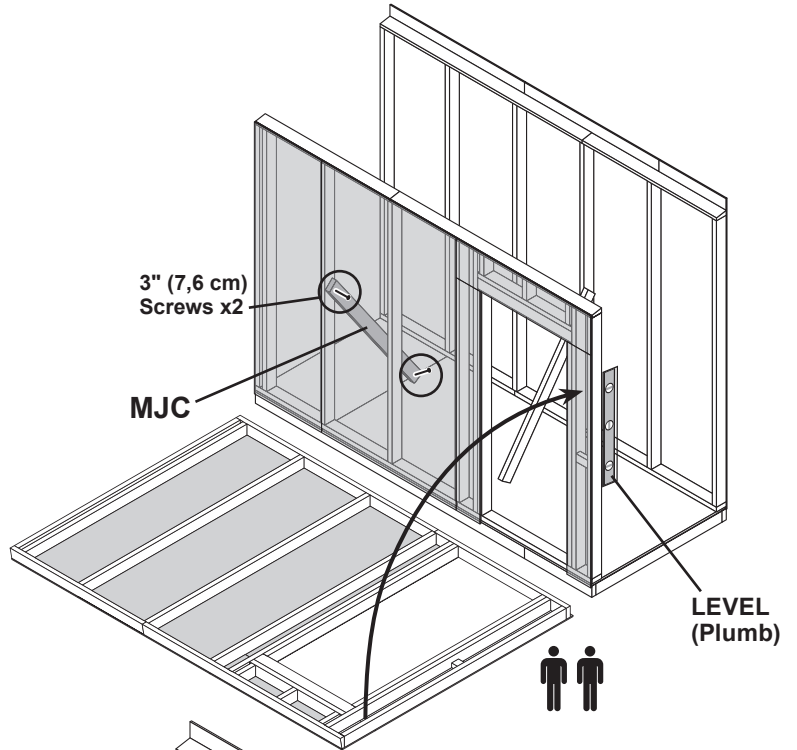
2 Secure lower edge of panels to floor frame
with 1-1/2" nails spaced 6" apart.
Angle nails into the floor frame **(Fig. A)**.

3 Secure bottom plates to floor with 3" nails.
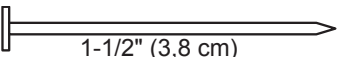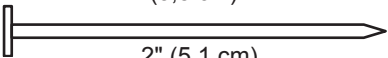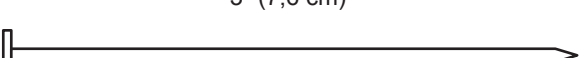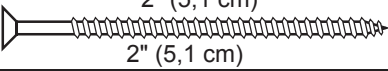
*Cut out the bottom plate flush
with the door studs.*

3" (7,6 cm) Nails

2" (5,1 cm) Nails

3" (7,6 cm) Nails

2" (5,1 cm) Nails

6"
(15,2 cm)

⚠ **Nail 2" nails first.**

Fig. A

RIGHT WALL INSTALLATION

PARTS REQUIRED

x33 — 1-1/2" (3,8 cm)
x9 — 2" (5,1 cm)
x4 — 2" (5,1 cm)
x4 — 3" (7,6 cm)
x2 — 3" (7,6 cm)
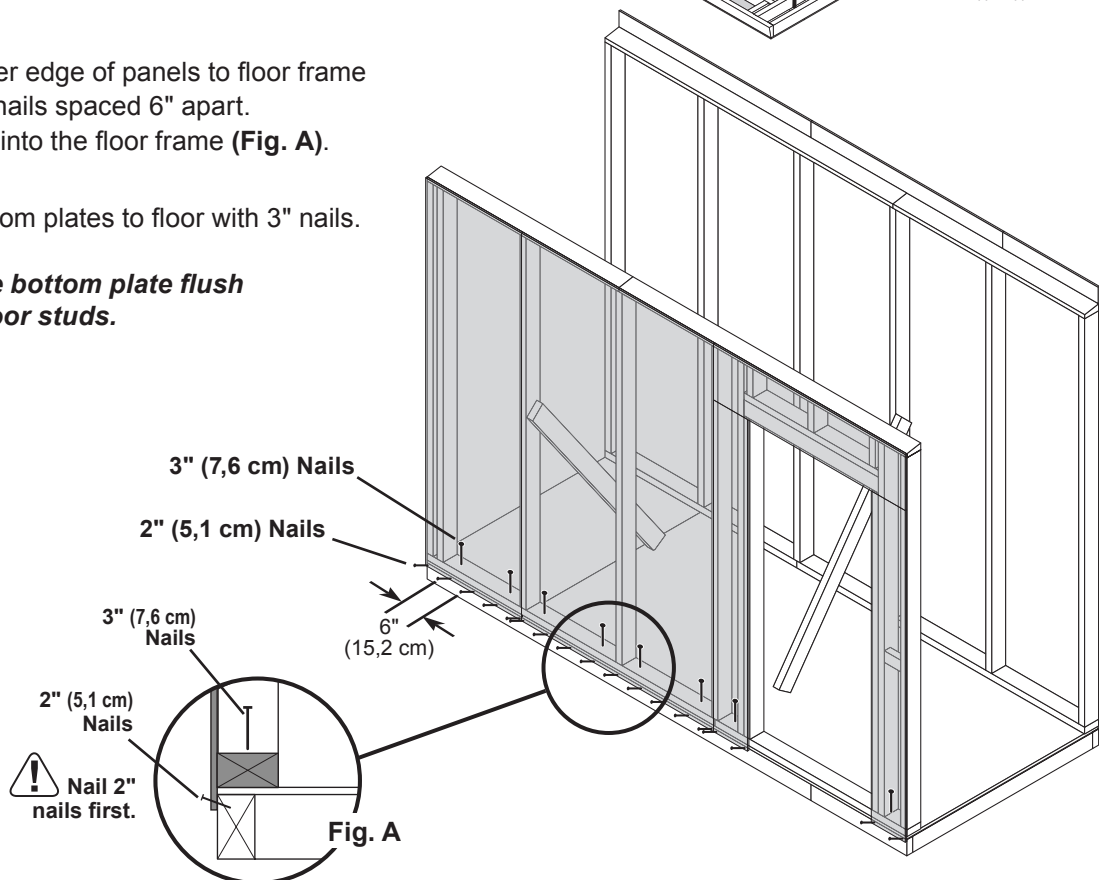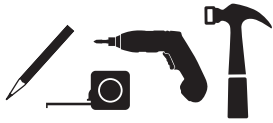
✓ **BEGIN**

1

Center right wall on the floor.
Flush wall panel to front and back
panel edges.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

Secure wall with 2" screws to front and
back wall bottom and top plates.
Secure wall to bottom plate first.

2" (5,1 cm) Screws

Flush

Flush

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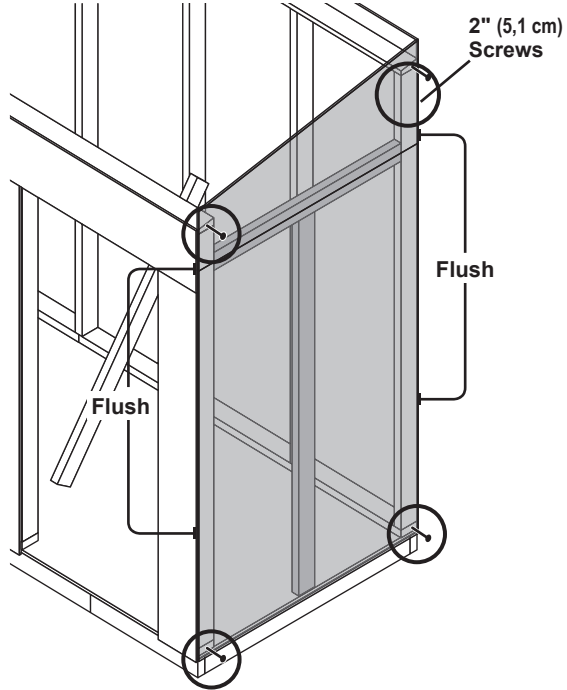
Secure lower edge of wall panels to floor
with 2" nails spaced 6" apart.
Angle nails into the floor frame **(Fig. A)**.

3

Secure right wall panel to front and back
corner studs with 1-1/2" nails spaced 6" apart.

4

Working inside, secure wall brace to front
and back studs with 3" screws.
Angle screws as shown.

5

Secure center wall stud to floor with (2) 3" nails.

3" (7,6 cm) Screws

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

6" (15,2 cm)

3" (7,6 cm) Nails

6" (15,2 cm)

⚠ **Nail 2" nails first.**

Fig. A

2" (5,1 cm) Nails
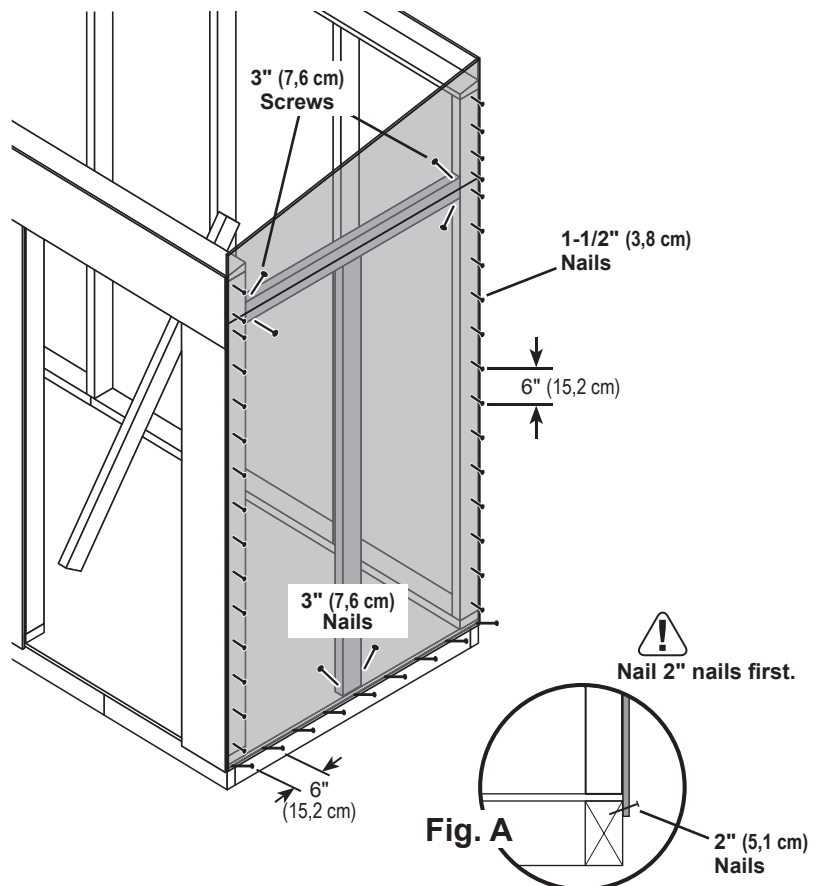
LEFT WALL INSTALLATION

PARTS REQUIRED
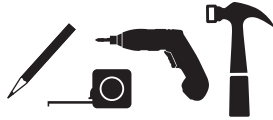
x33 1-1/2" (3,8 cm)

x6 2" (5,1 cm)

x2 3" (7,6 cm)

x4 2" (5,1 cm)

✓ BEGIN

1

Center left wall on the floor.
Flush wall panel to front and back
panel edges.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

⚠ *ENSURE 31-5/16" (79,5 cm) MEASUREMENT*
   BETWEEN DOOR STUDS.

Secure wall with 2" screws to front and
back wall bottom and top plates.
   Secure wall to bottom plate first.

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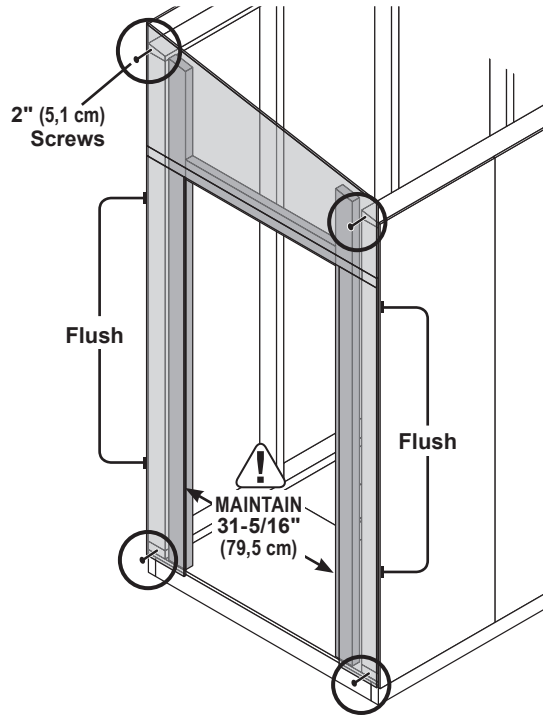
Secure lower edge of wall panels to floor
with (6) 2" nails spaced evenly.
Angle nails into the floor frame **(Fig. A)**.

3

Secure left wall panels to front and back
corner studs with 1-1/2" nails spaced 6" apart.

4

Working inside, secure door studs to floor
with (2) 3" screws.
Angle screws as shown **(Fig. A)**.

⚠
Nail 2" nails first.

2" (5,1 cm) Nails

3" (7,6 cm) Screw

Fig. A

🏁 FINISH
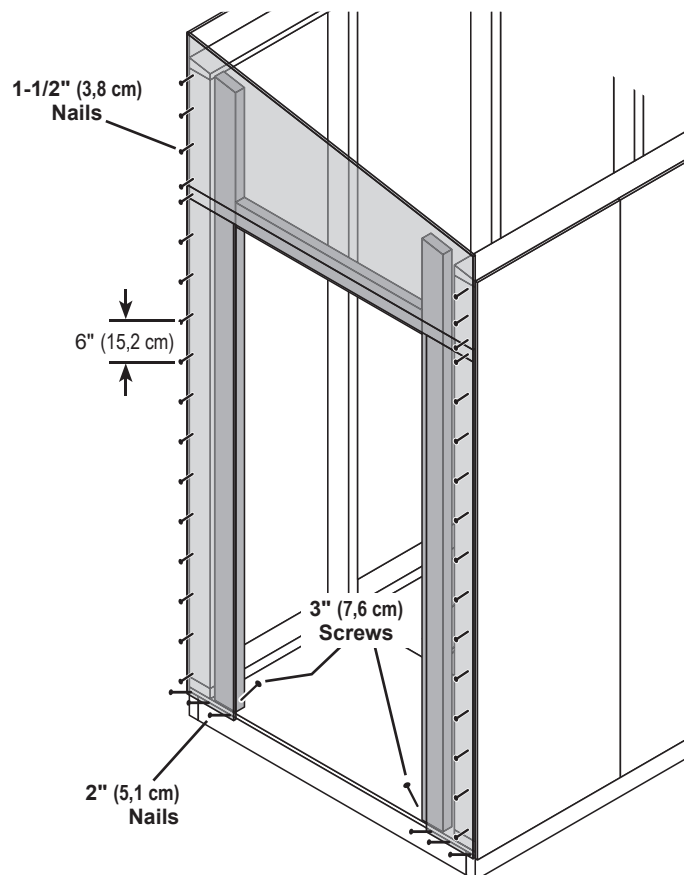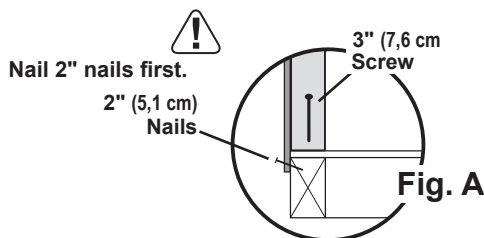
Your walls are now installed.

Remove temporary supports.

2" (5,1 cm) Screws

Flush

Flush

⚠ **MAINTAIN 31-5/16" (79,5 cm)**

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

6" (15,2 cm)

3" (7,6 cm) Screws

2" (5,1 cm) Nails

SHELF

PARTS REQUIRED

x2 WDB 2 x 3 x 5-3/4" (5,1 x 7,6 x 14,6 cm)
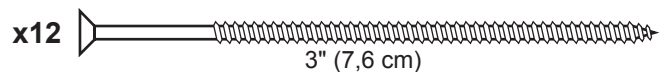
x1 JPA 2 x 3 x 8-3/4" (5,1 x 7,6 x 22,2 cm)

x1 RTB
2 x 3 x 93-3/4" (5,1 x 7,6 x 238,1 cm)

x1 CTZ
2 x 4 x 93-3/4" (5,1 x 10,2 x 238,1 cm)

x12 3" (7,6 cm)
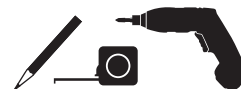
✓BEGIN

1 Arrange parts on edge on a flat surface. Measure and mark center of **WDB** at measurement shown.
Flush parts at all connections.
Pre drill all screw holes and secure parts with 3" screws, as shown.

46-1/2"
(118,1 cm)

3" (7,6 cm
Screws

CTZ

WDB

JPA

RTB

WDB
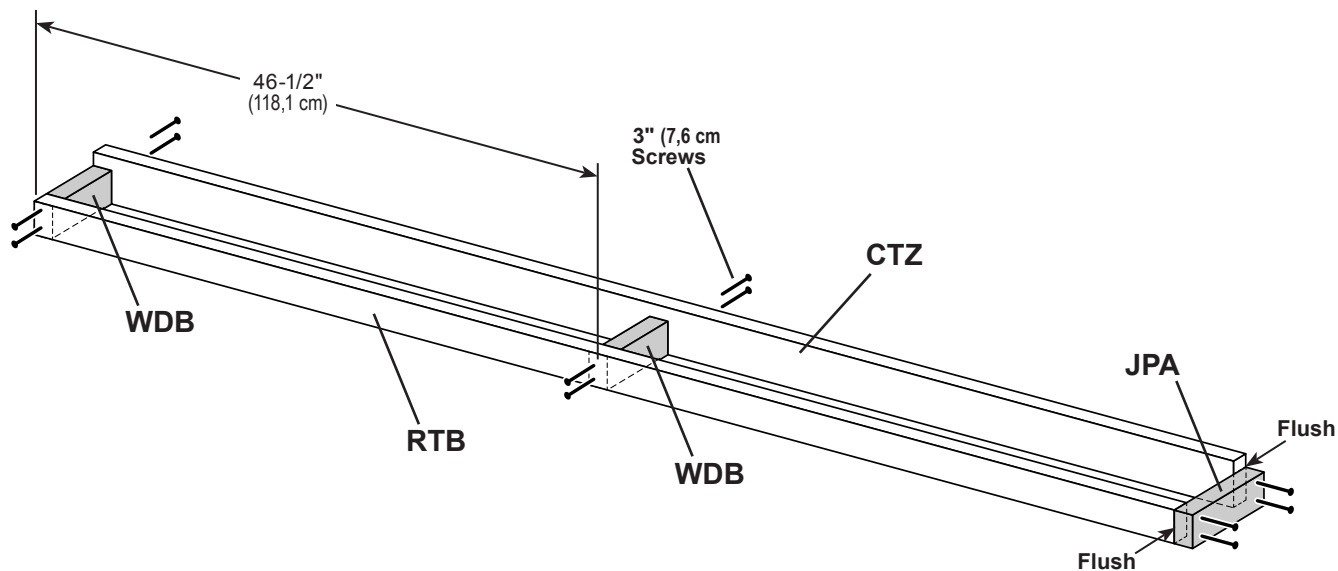
Flush

Flush

SHELF

PARTS REQUIRED:
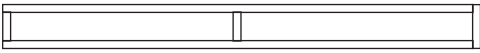
Pre assembled shelf frame

x1

3/8" x 9" x 96" (1,0 x 22,9 x 243,8 cm)
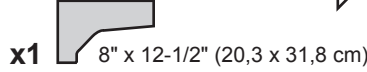
x1 8" x 12-1/2" (20,3 x 31,8 cm)
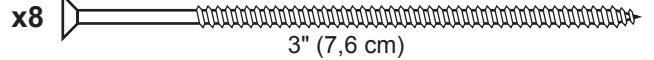
x8 3" (7,6 cm)
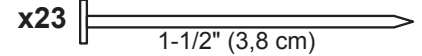
x23 1-1/2" (3,8 cm)

2

Measure up from floor and mark 76-3/4" on back wall stud.

Flush right side of frame to top of wall brace and left side of frame to the mark.

Secure with (8) 3" screws, as shown.

Flush

3" (7,6 cm)
Screws

76-3/4"
(194,9 cm)

FLOOR
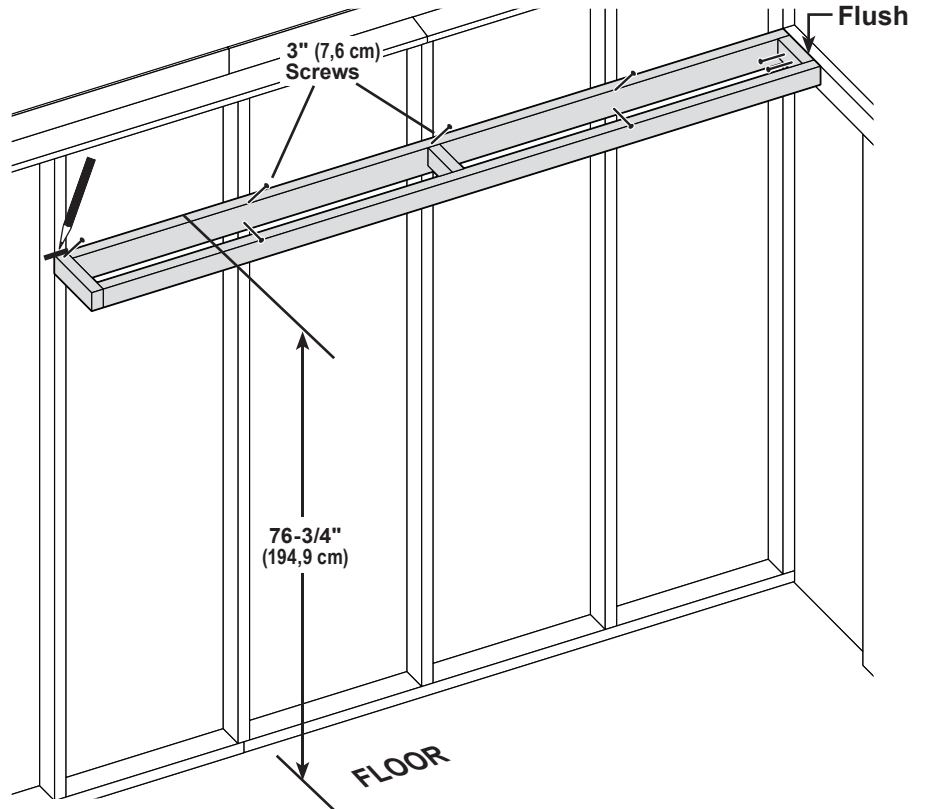
3

Install the **8" x 12-1/2"** shelf bracket flush to top of frame and flush to back wall panel.
Secure with (5) 2" nails, as shown.

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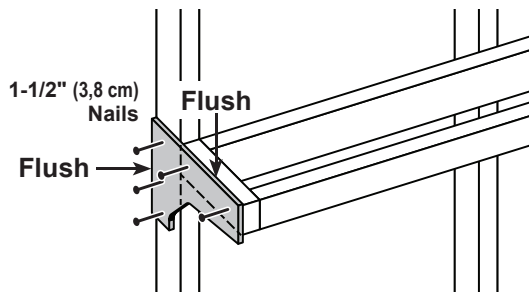
Flush

Flush

4

Install the **9" x 96"** shelf panel flush to top edge of shelf bracket and flush to back wall studs.
Secure with 1-1/2" nails spaced evenly.

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

Flush

Flush

Flush

FINISH
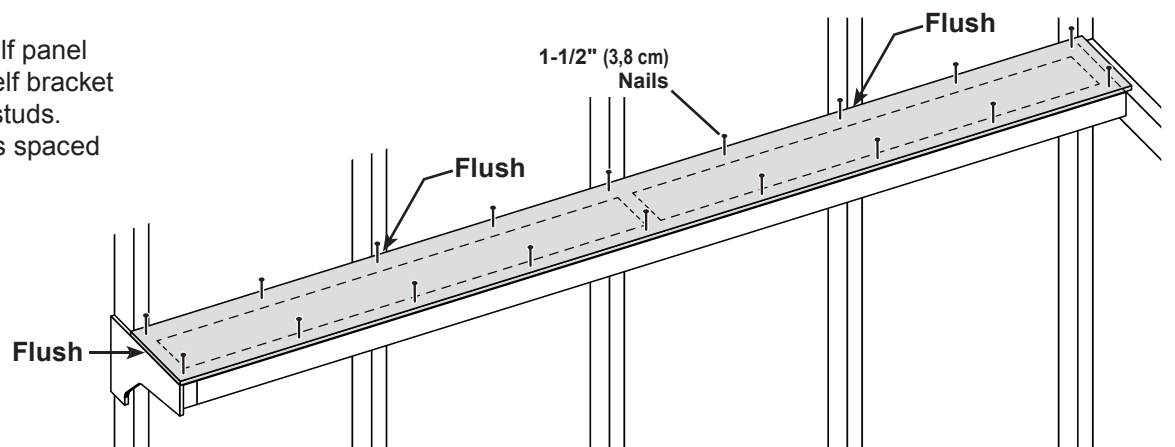
Your shelf is now installed.

RAFTERS

PARTS REQUIRED:

x20 3" (7,6 cm)

x20 1-1/2" (3,8 cm)

x6 | **MJC**
2 x 4 x 53-1/2" (5,1 x 10,2 x 135,9 cm)

x2 3/8" x 3-1/2" x 3-1/2" (1,5 x 6,3 x 6,3 cm)

✓**BEGIN**

1
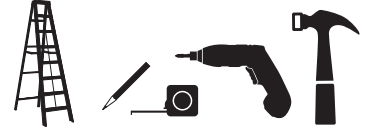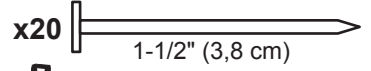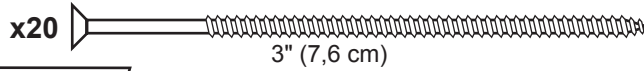
Measure and mark locations for rafters. Install (6) rafters **MJC** centered on measurements marked.

Working inside, secure rafters to front and back top plates with 3" screws angled up into top plates **(Fig. A)**.

The lower front edge of the rafters overhang the wall panels by 3-11/16" (see bottom image).

MEASURE FROM INSIDE PANEL

MEASURE BETWEEN RAFTERS

96" (243,8 cm)
72" (182,9 cm)
48" (121,9 cm)
24" (61 cm)

MJC

3" (7,6 cm) Screws

DOOR

3" (7,6 cm) Screws

CENTER on marks.

M J C

Fig. A

Top Plate

INSIDE VIEW
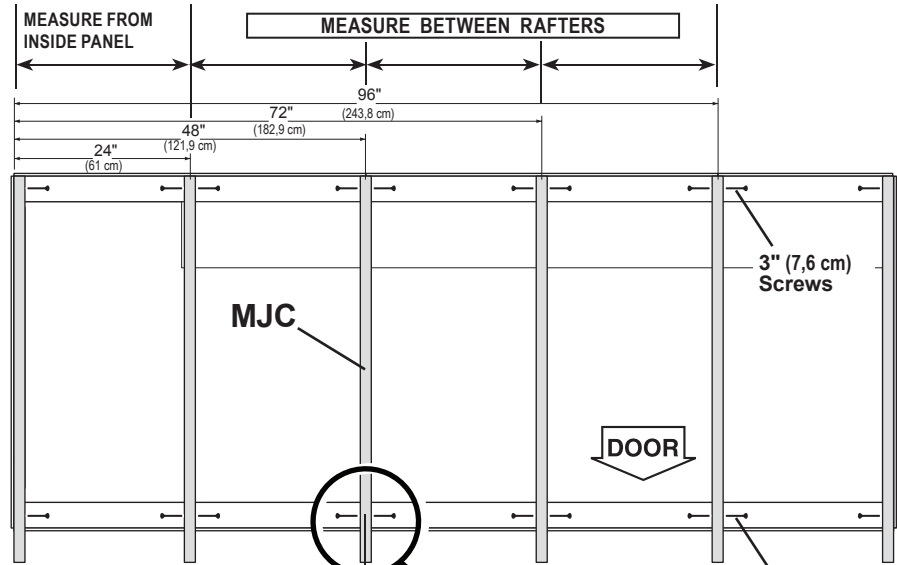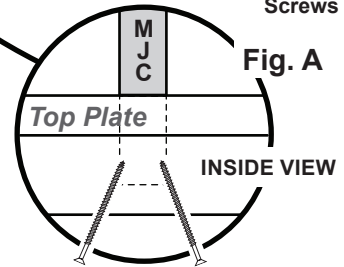
2

Secure side wall panels to end-rafters with 1-1/2" nails spaced apart equally.

Spaced equally

Gable Filler

3" (7,6 cm) Screws
Angled up into top plate.
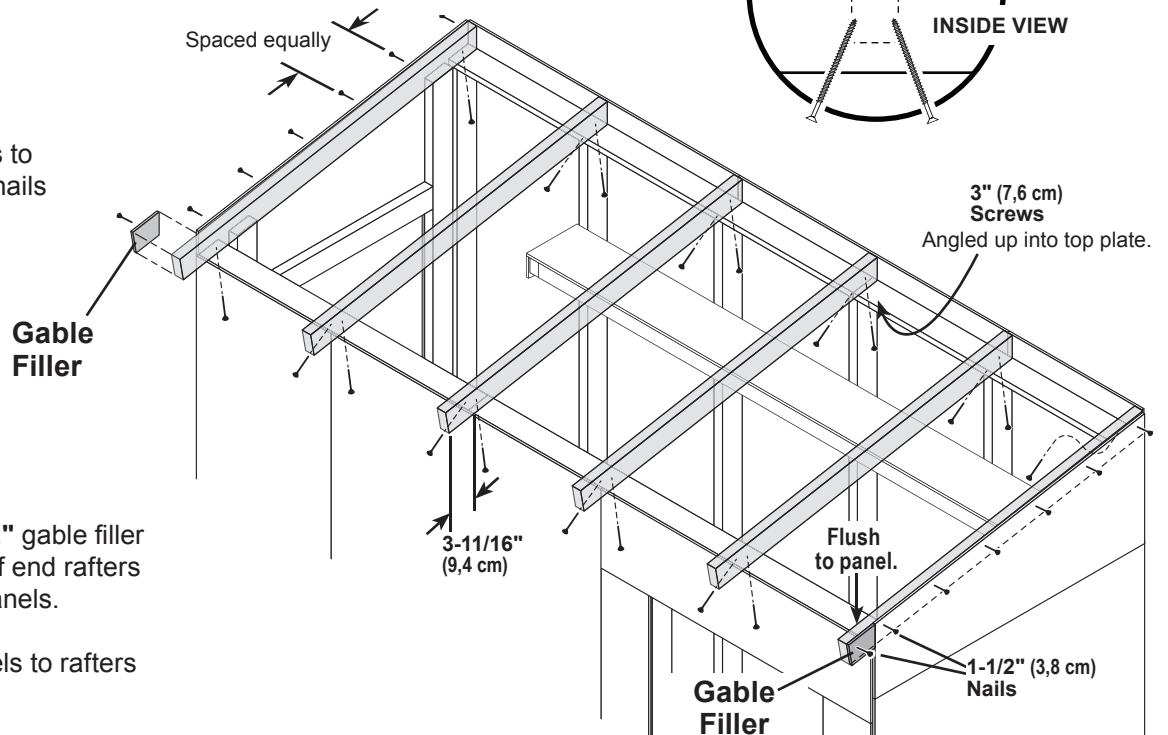
3

Install (2) **3-1/2" x 3-1/2"** gable filler panels flush to edges of end rafters and flush to installed panels.

Secure gable filler panels to rafters with (1) 1-1/2" screw.

3-11/16" (9,4 cm)

Flush to panel.

Gable Filler

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

RAFTERS

Flush

4

Install **2" x 48"** spacer flush to top of left side gable panel, and as shown.
Secure spacer with 2" finishing nails.

Flush

Flush

Spacer 2"x 48"

2" (5,1 cm) Finishing Nails

Flush

IVB
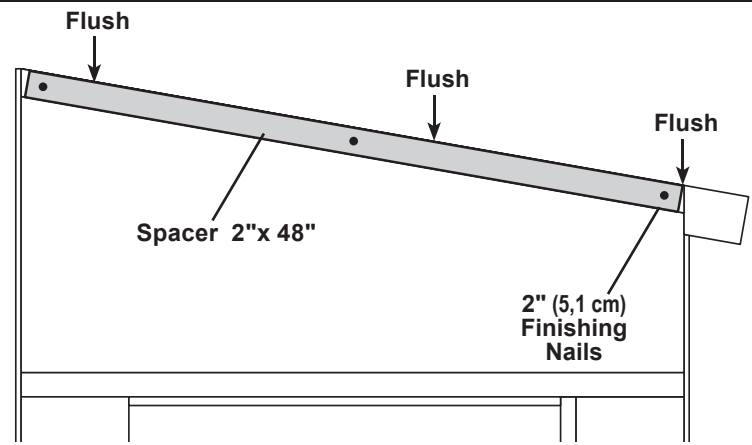
Flush

5

Install outer rafter **IVB** flush along top of wall panel and flush to back wall panel.
Secure **IVB** with 3" screws, as shown.

Flush

3" (7,6 cm) Screws

Flush

IVB

Flush

3" (7,6 cm) Screws
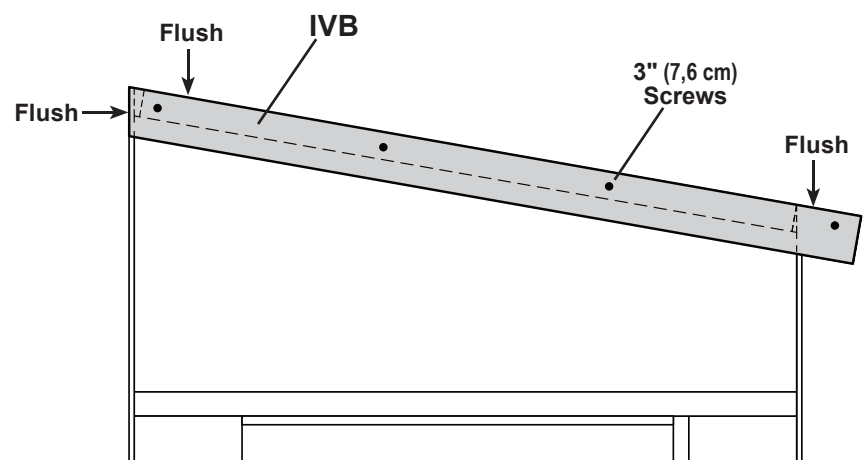
6

Install outer rafter **IVB** flush along top of right wall panel and flush to back wall panel.
Secure **IVB** with 3" screws, as shown.

Flush

Flush

FINISH
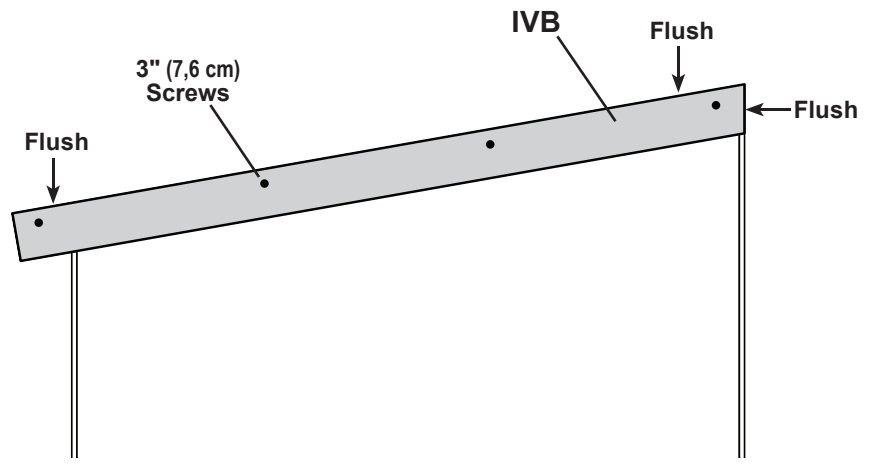
Your rafters are now installed.

ROOF PANELS

PARTS REQUIRED:

3/4" Measurement guide x1

48 x 96"
(121,9 x 243,8 cm)

x4   2" (5,1 cm)

Install all roof panels with the rough side facing up.

✓**BEGIN**

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

1 Place the **48" x 96"** roof panel as shown.
Use a 3'4" wood piece as a measurement guide to maintain 3/4" at rafter center **(Fig. A)**.
Flush the panel to front of rafters.
Secure with (1) 2" nail in each corner.

3/4" Measurement Guide

Fig. A

3/4"
(1,9 cm)

Two Nails

Flush

48" X 96"
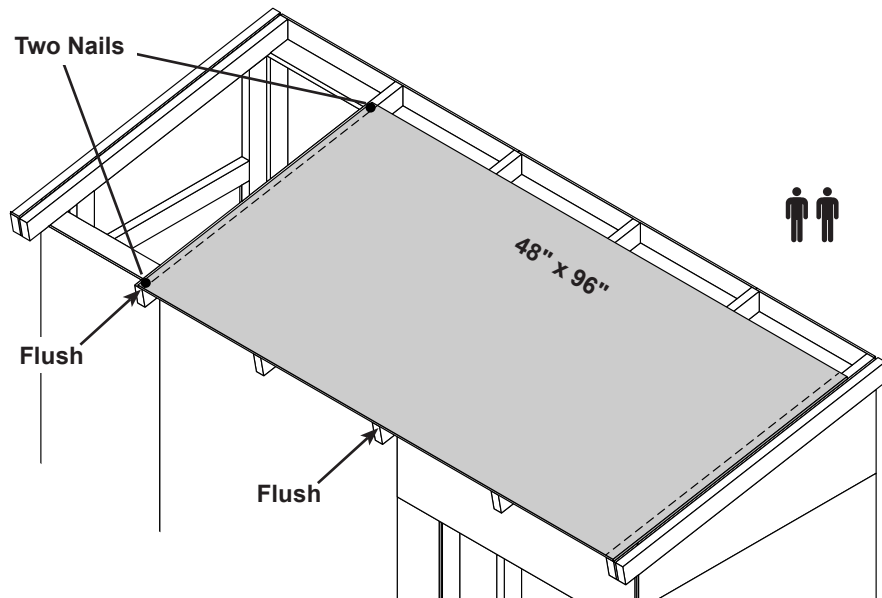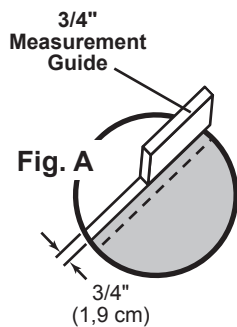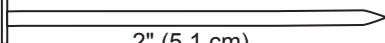
Flush

2 Move to the opposite side. Use the long edge of the panel as a lever.
Move the panel side-to-side until the outside long edge is flush to the front of rafters.
Secure with (1) 2" nail in each corner.
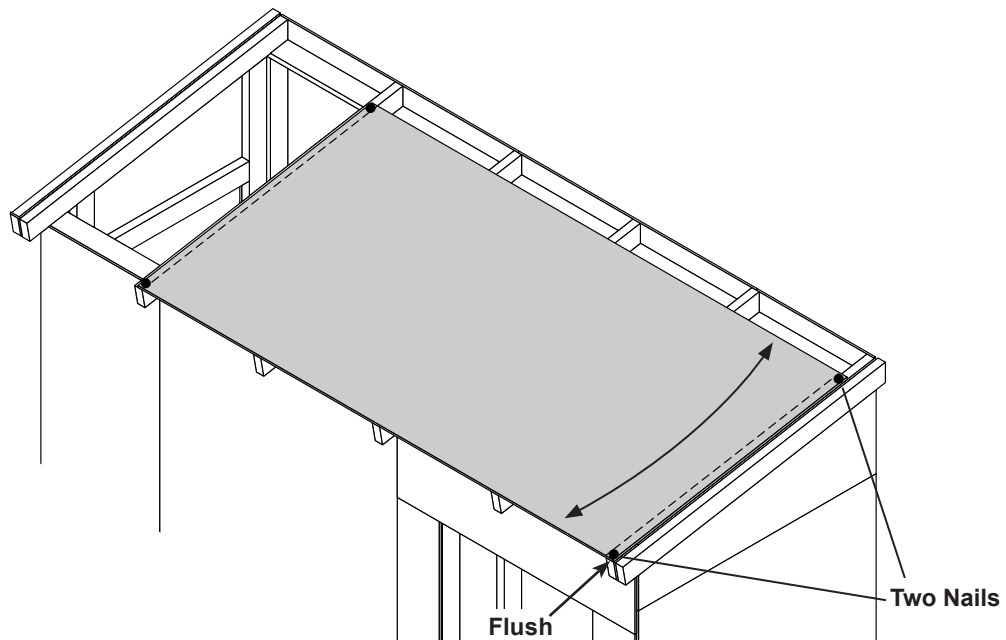
Two Nails

Flush

33

ROOF PANELS

PARTS REQUIRED:

x2 1-7/8 x 53-1/2"
(4,8 x 135,9 cm)

x1 5-1/2 x 23-7/8"
(14 x 60,6 cm)

x81 2" (5,1 cm)

x1 48" x 23-7/8"
(121,9 x 60,6 cm)

x1 5-1/2 x 96" (14 x 243,8 cm)

3 Install the **48" x 23-7/8"** panel flush to the installed panel and flush to front of rafters.
Secure with (1) 2" nail in each corner.

Install the (4) remaining roof panels flush to installed panels and as shown.
Secure each panel with (1) 2" nail in each corner.

1-7/8" x 53-1/2"

5-1/2" x 96"

Flush → **5-1/2" x 23-7/8"**

Flush

Flush

Flush → **48" x 23-7/8"** ← **Flush**

Flush ← **Flush**

1-7/8" x 53-1/2"

Flush **Flush** **DOOR** **Flush**
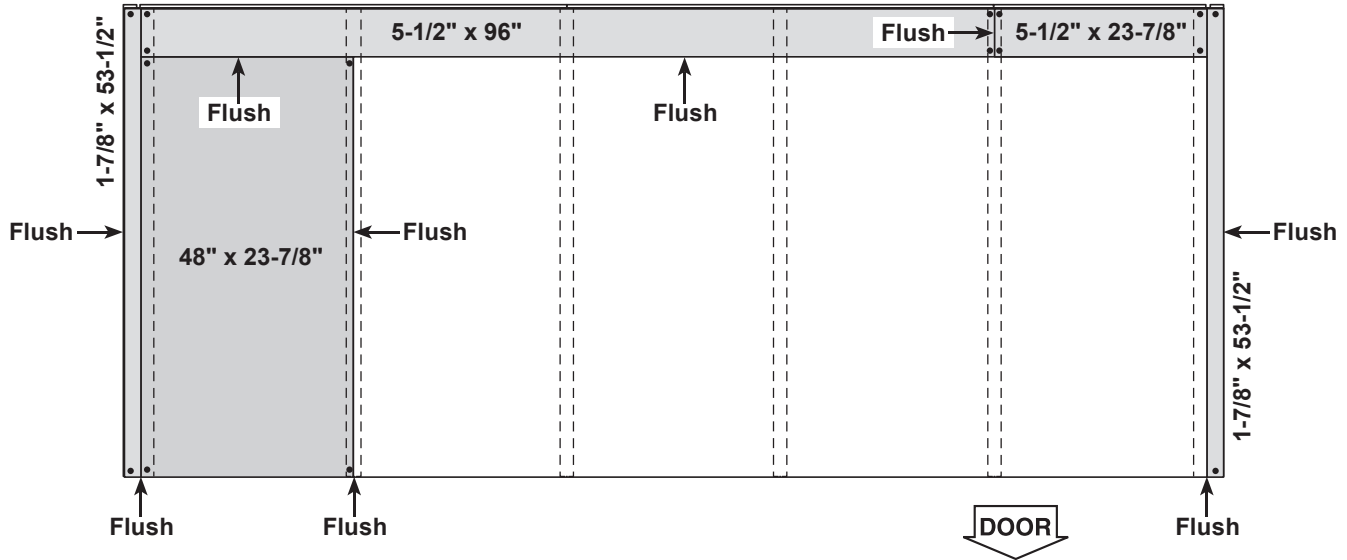
4 Secure all panels with 2" nails spaced 6" apart on edges and 12" apart inside panel.

6" (15,2 cm)

12" (30,5 cm)

DOOR

FINISH

Your roof panela are now installed.

34
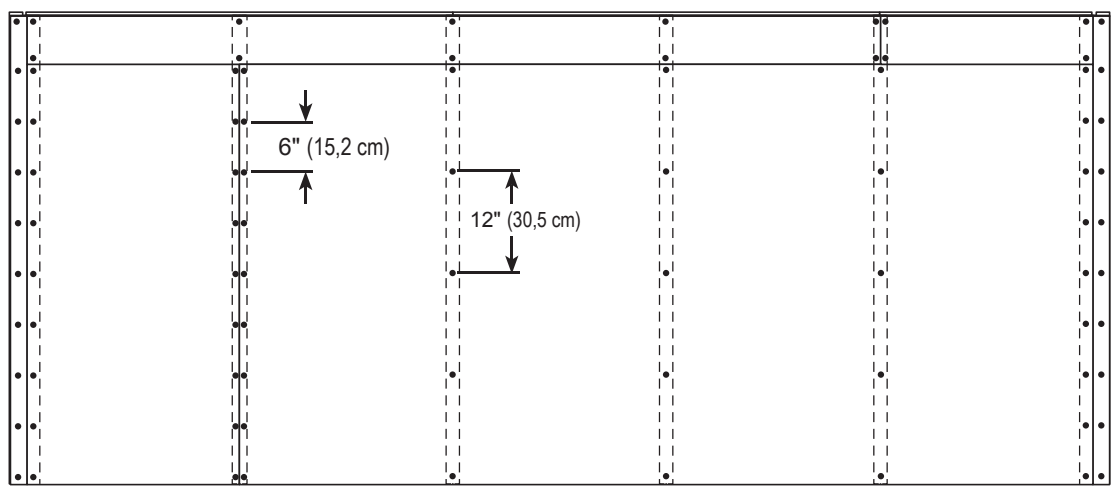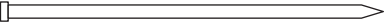
SOFFIT TRIM

PARTS REQUIRED:

x2 ▭ 3/8" x 1-1/2" x 49-1/2" (1 x 3,8 x 125,7 cm)

x1 ▭ 3/8" x 3-11/16 x 49-7/8" (1 x 9,4 x 126,7 cm)

x1 ▭ 3/8" x 3-11/16 x 73-7/8" (1 x 9,4 x 187,6 cm)

x28 ▭ 2" (5,1 cm)
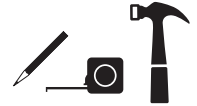
Install all trim with the primed side facing out.

✓ BEGIN

1

Install **3-11/16" x 73-7/8"** and **3-11/16" x 73-7/8"** soffit trim flush to front wall panels and flush to rafter.

Begin installing at seam (Fig. A).

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

3-11/16" x 49-7/8"

Fig. A

Flush

Flush at seam

Flush to panel

BEGIN HERE ➡

3-11/16" x 73-7/8"

2" (5,1 cm) Finishing Nails

Flush to panel
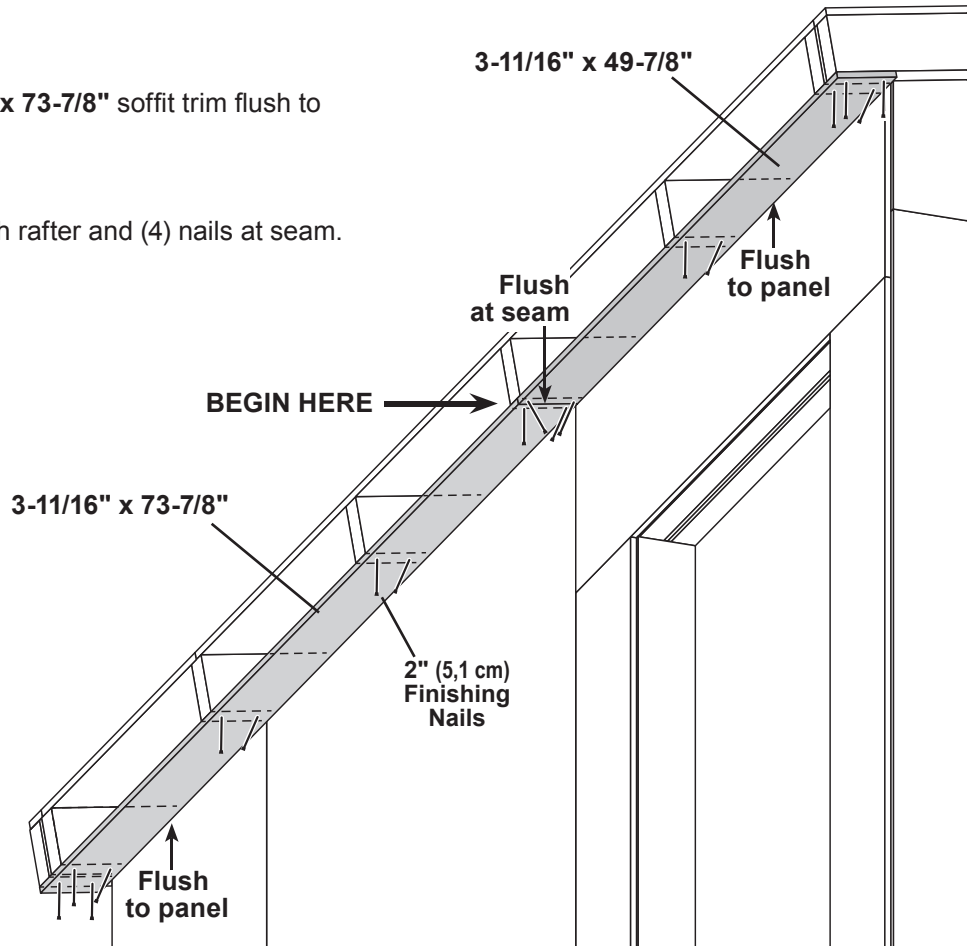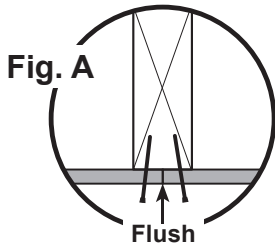
2

Install **1-1/2" x 49-1/2"** soffit trim to right side outer rafter.
Flush trim to installed trim.
Secure with 2" finishing nails spaced equally.

*Repeat step 2 to install **1-1/2" x 49-1/2"** soffit on left side.*

1-1/2" x 49-1/2"

2" (5,1 cm) Finishing Nails

Flush to panel

🏁 FINISH
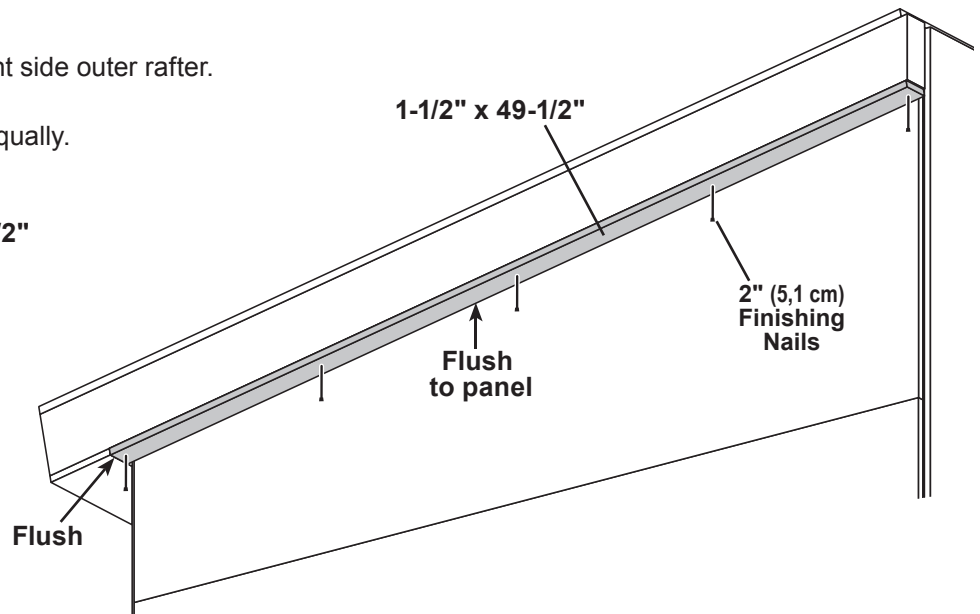
Your soffit trim is now installed.

Flush

35

SIDE FACIA TRIM

PARTS REQUIRED:

x1 | SZA
19/32" x 5-1/2" x 54" (1,5 x 14 x 137,2 cm)

x1 | QCC
19/32" x 5-1/2" x 54" (1,5 x 14 x 137,2 cm)

x20
2" (5,1 cm)
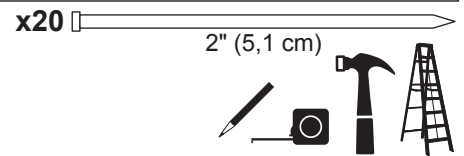
Install all trim with the primed side facing out.

✓**BEGIN**

1 Install **SZA** and **QCC** gable fascia flush end of rafter and flush to roof panel.
Secure each trim with (10) 2" finishing nails equally spaced.

QCC

**Flush
to roof panel**

**Flush
to rafter.**

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

RIGHT SIDE

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

SZA

Flush

Flush

Flush

Flush

QCC
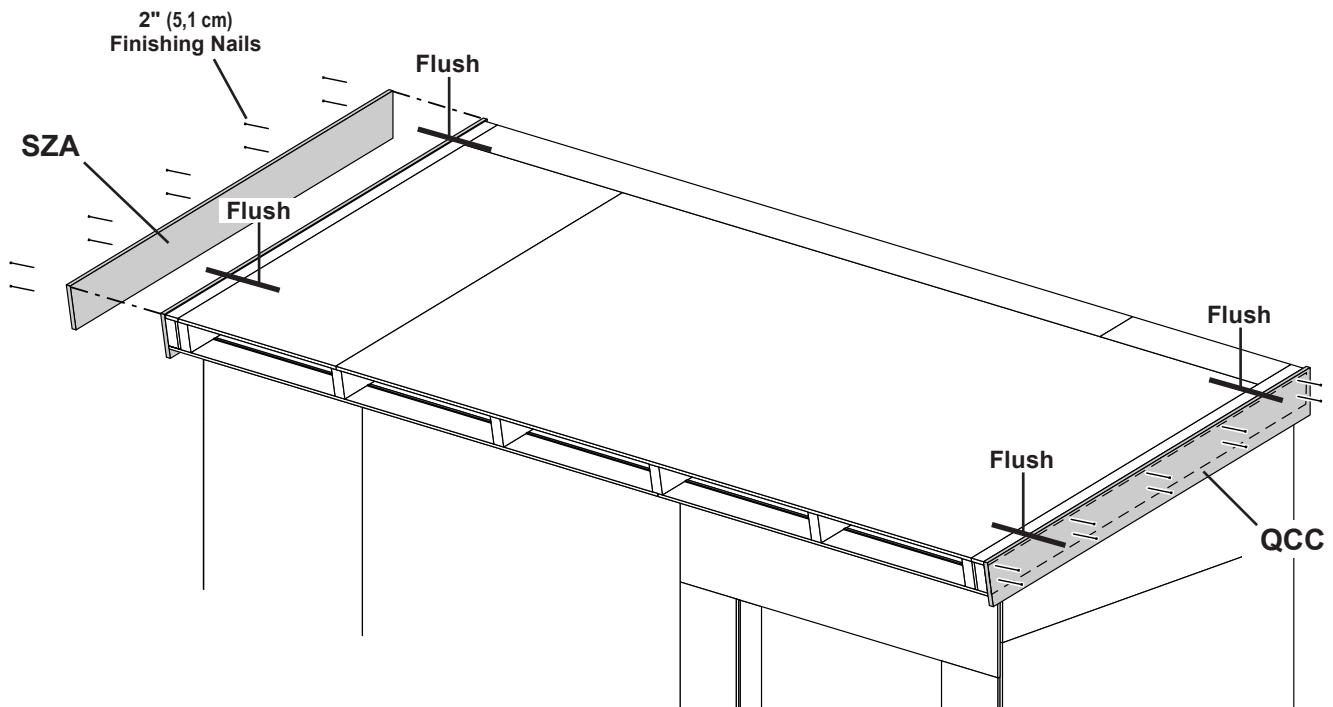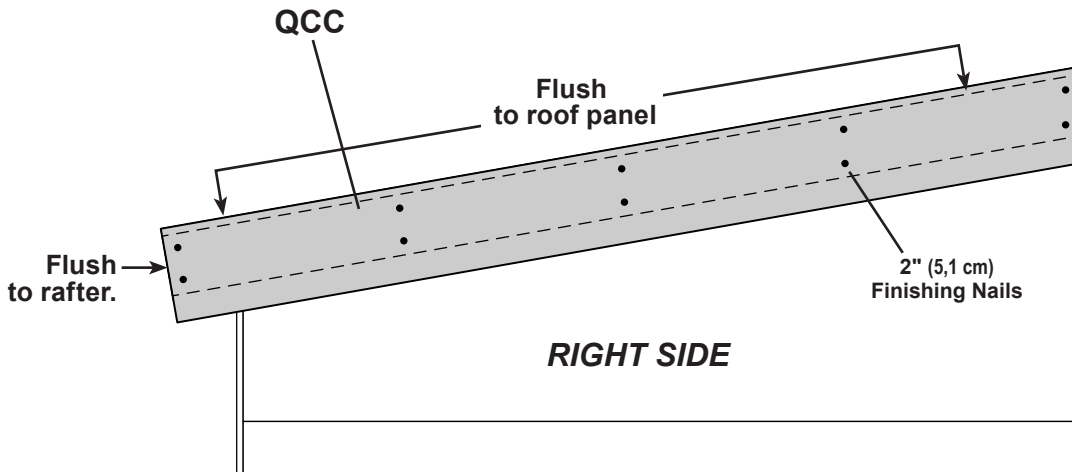
FRONT FACIA TRIM

PARTS REQUIRED:

x18 ⊏══════════════▷
2" (5,1 cm)

x1 | UAC |
19/32" x 5-1/2" x 50-1/2" (1,5 x 14 x 128,3 cm)

x1 | VOA |
19/32" x 5-1/2" x 74-7/16" (1,5 x 14 x 189,1 cm)

✓**BEGIN**

1 Install **UAC** and **VOA** front fascia trim to rafters. Flush to trim to roof panels.

Begin installing at seam (Fig. A).

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

Flush to side fascia

Flush

Flush at seam.

Flush

VOA

2" (5,1 cm) Finishing Nails

Fig. A

UAC

Flush to side fascia

Flush at seam

37
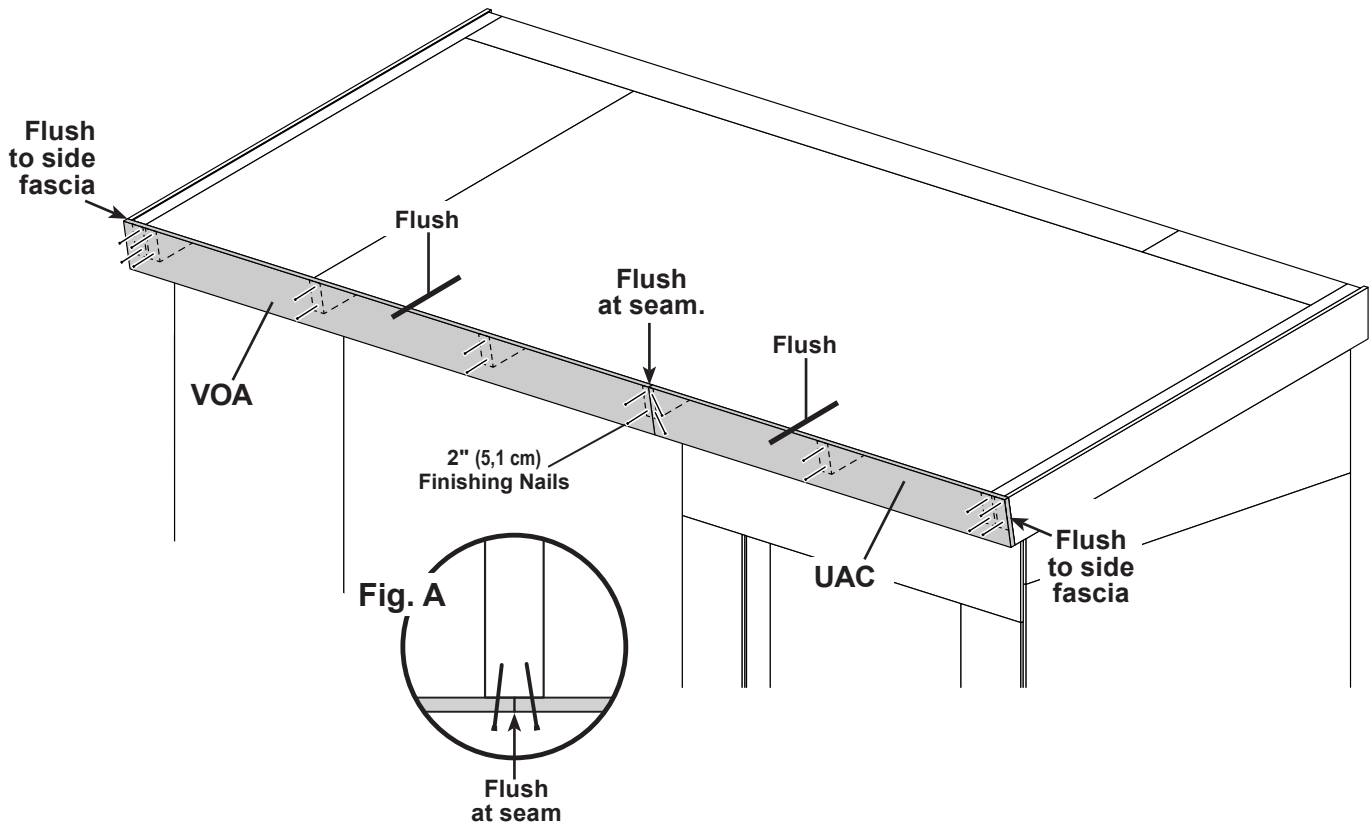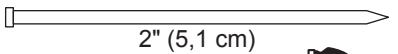
RIGHT SIDE TRIM

PARTS REQUIRED:

x22 2" (5,1 cm)

x1 HAD 19/32" x 3-1/2" x 43-3/4" (1,5 x 8,9 x 145,9 cm)

x1 ONA 19/32" x 2-1/2" x 84" (1,5 x 6,3 x 213,4 cm)

x1 GSD 19/32" x 2-1/2" x 92-1/8" (1,5 x 6,3 x 234 cm)

Install all trim with the primed side facing out.

✓**BEGIN**

1 Install trim to the right wall in the order shown, starting at the front of shed.

Measure from bottom of wall panel and mark location of **HAD**.

Secure parts with 2" finishing nails.

Flush trim to soffit.

Flush trim to soffit.

2nd

Flush to wall panel.

Flush to wall panel.

HAD

2" (5,1 cm) Finishing Nails

RIGHT SIDE

1st

3rd

ONA

73-1/8" (185,7 cm)

73-1/8" (185,7 cm)

GSD

Flush to wall panel.

Flush to wall panel.

FRONT
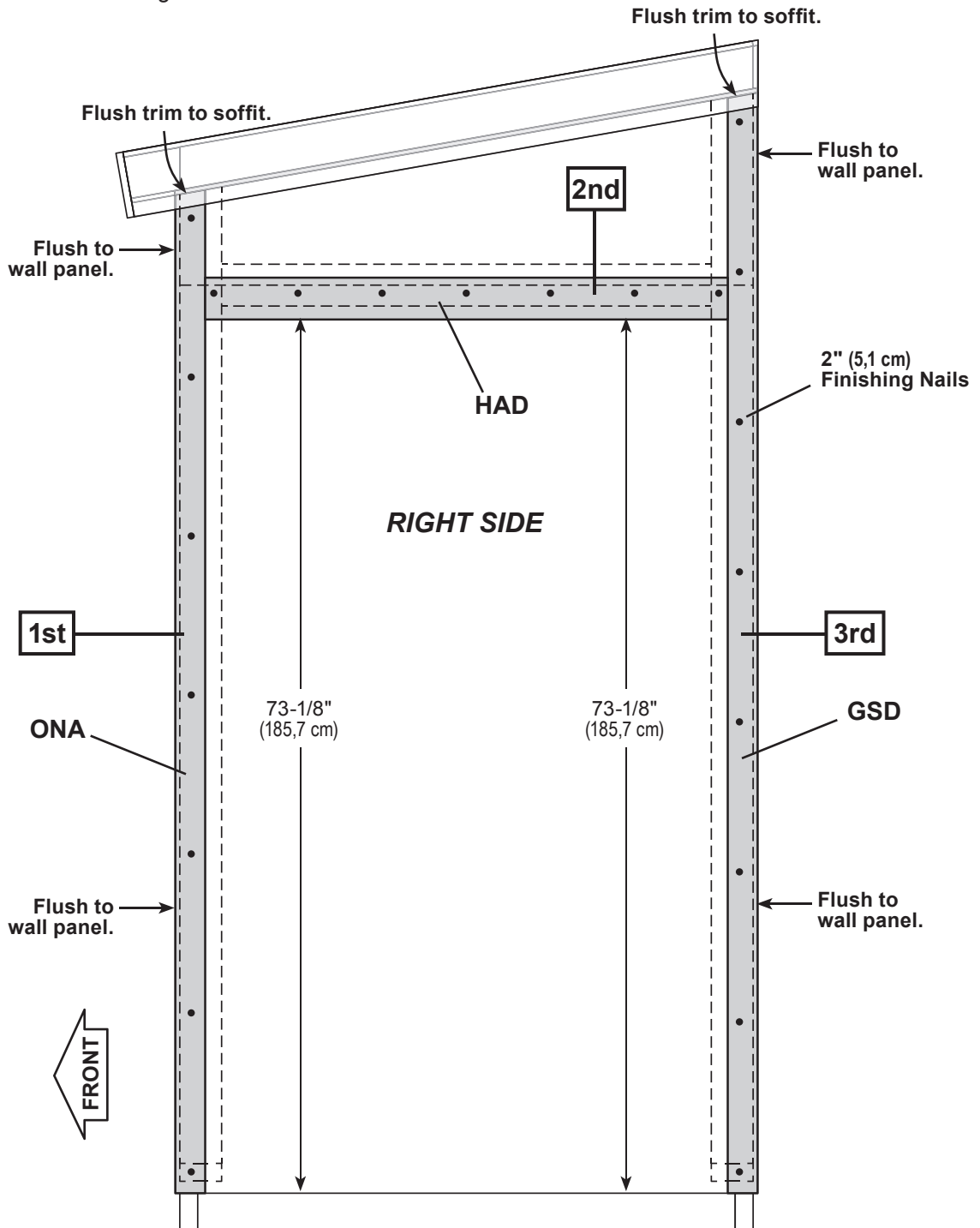
PARTS REQUIRED:

x15 | 2" (5,1 cm)

x1 | MTD | 19/32" x 2-1/2" x 84" (1,5 x 6,3 x 213,4 cm)

x1 | NCD | 19/32" x 2-1/2" x 92-1/8" (1,5 x 6,3 x 234 cm)
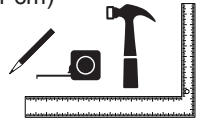
Install all trim with the primed side facing out.

√**BEGIN**

1 Install trim to the left wall as shown.
Secure parts with 2" finishing nails.

Flush trim to soffit.

Flush trim to soffit.

Flush to
wall panel.

Flush to
wall panel.

NCD

LEFT SIDE

MTD

2" (5,1 cm)
Finishing Nails

Flush to
wall panel.

Flush to
wall panel.

FRONT
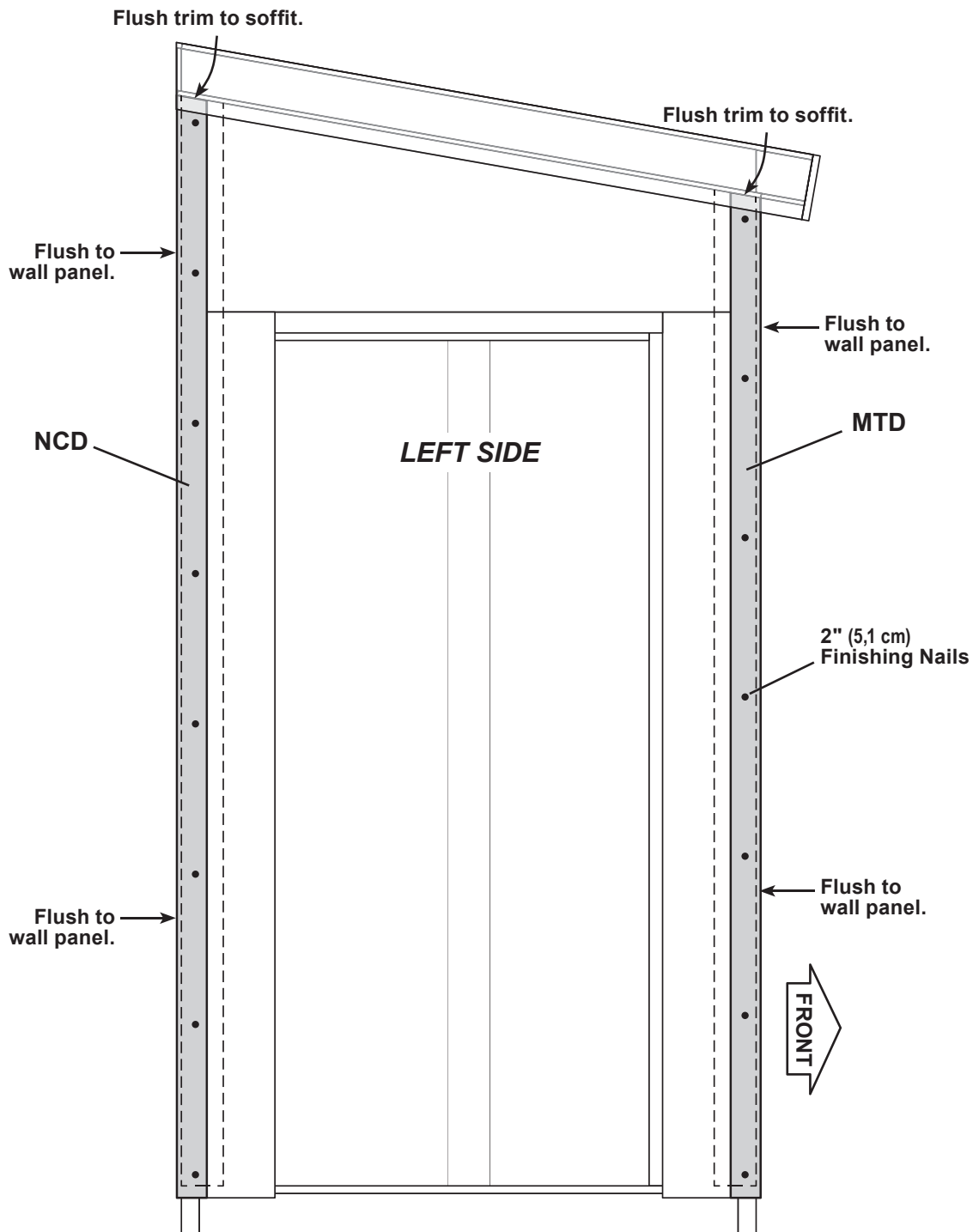
BACK WALL TRIM

PARTS REQUIRED:

x28 ▭▭▭▭▭▭
2" (5,1 cm)

x1 | UAC | 19/32" x 5-1/2" x 50-1/2" (1,5 x 14 x 128,3 cm)

x1 | VOA | 19/32" x 5-1/2" x 74-7/16" (1,5 x 14 x 189,1 cm)

x2 | LUT | 19/32" x 3-1/2" x 90-15/16" (1,5 x 4,4 x 231 cm)
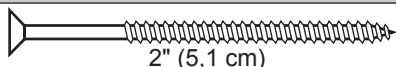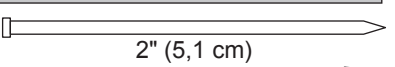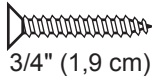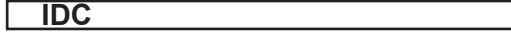
✓ **BEGIN**

1 Install **UAC** and **VOA** trim to back wall flush to side fascia trim.
Secure trim with 2" finishing nails into framing, as shown.

2 Install (2) **LUT** corner trim flush to fascia trim and flush with side wall corner trim.
Secure with 2" finishing nails equally spaced.

level with roof panels

Flush to side fascia

Flush to side fascia

Flush to fascia trim

Flush

UAC

VOA

Flush to fascia trim

LUT

LUT

Flush with right side corner trim

Flush with left side corner trim

2" (5,1 cm) Finishing Nails

40
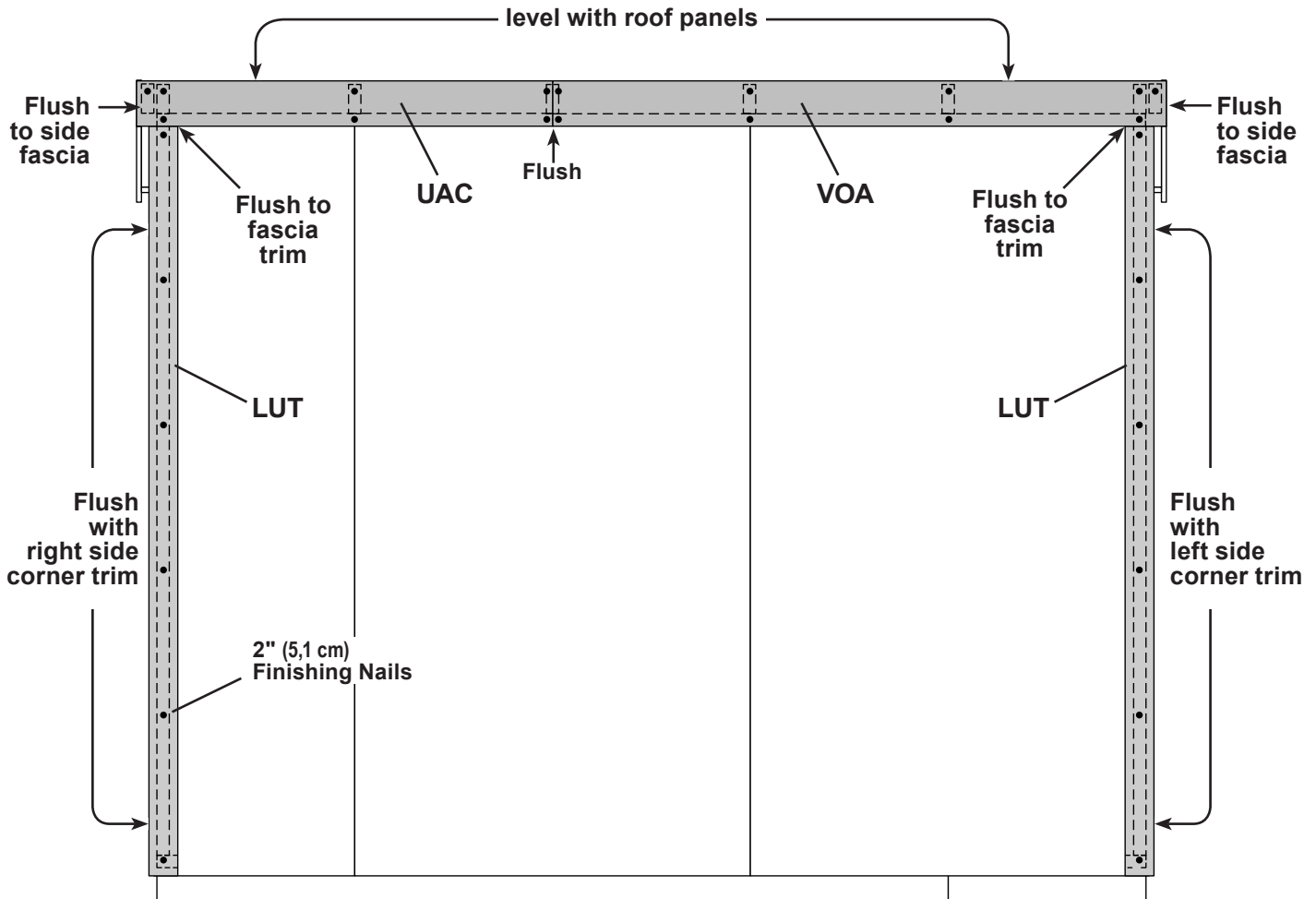
FRONT WALL TRIM

PARTS REQUIRED:

x2 ⎯⎯⎯⎯⎯ 2" (5,1 cm)

x48 ⎯⎯⎯⎯⎯ 2" (5,1 cm)

x2	TSA	19/32" x 3-1/2" x 57-7/16" (1,5 x 8,9 x 145,9 cm)
x2	IDC	19/32" x 3-1/2" x 65" (1,5 x 8,9 x 165,1 cm)
x2	DIA	19/32" x 3-1/2" x 83-7/16" (1,5 x 4,4 x 211,9 cm)

x6 ⎯⎯⎯ 3/4" (1,9 cm)

✓ **BEGIN**

1 Install (2) **DIA** corner trim flush up to front soffit trim **(Fig. A)** and flush with side wall corner trim. Secure with 2" finishing nails equally spaced.

2 Install (2) **TSA** trim at measurement shown. Secure with 2" finishing nails into framing.

Working inside, secure seam between the two **TSA** with (4) 3/4" screws back-screwed into **TSA**. from outside. *(Screws shown as diamond-shaped).*

3 From outside, secure both **TSA** with 2" screws into studs, as shown. *(Screws shown as diamond-shaped).*

Fig. A Flush

DIA
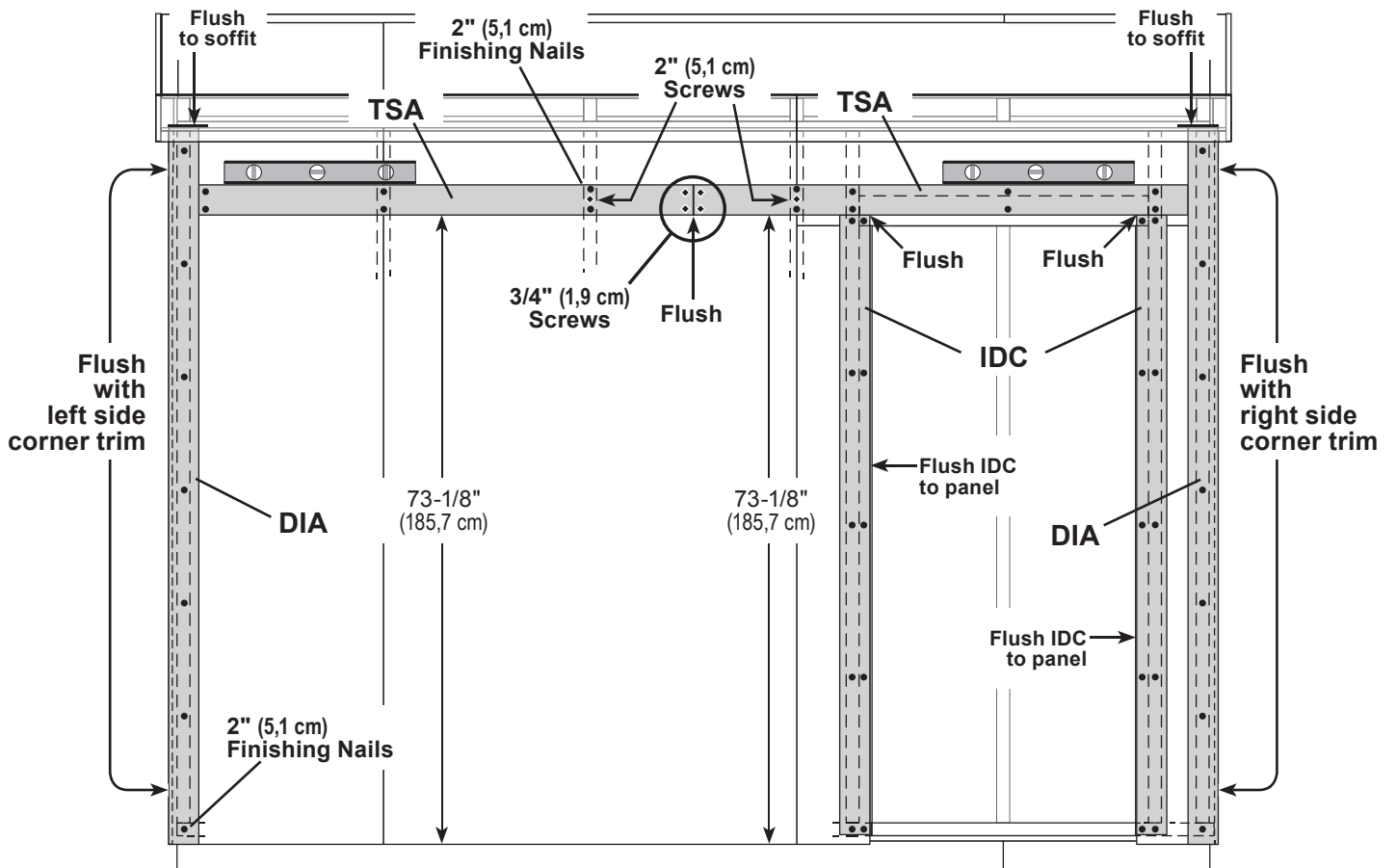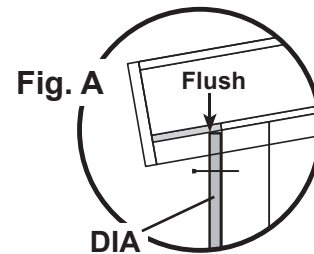
4 Install (2) **IDC** door trim flush to bottom of **TSA**. Flush **IDC** to edge of wall panel along door opening. Secure with 2" finishing nails into framing. Space nails equally.

41

SIDE DOOR and DOOR TRIM

PARTS REQUIRED:

x1 | **HAD**
19/32" x 3-1/2" x 43-3/4" (1,5 x 8,9 x 145,9 cm)

x1 | **ZO**
19/32" x 3-1/2" x 72" (1,5 x 8,9 x 182,9 cm)
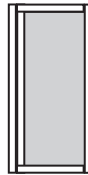
31-5/8" (80,3 cm)
SIDE DOOR

x5 2" (5,1 cm)

√**BEGIN**

1

Center 31-5/8" door in left wall door opening.
Flush hinge board up to wall trim.
hold door in position and keep level.

2" (5,1 cm)
Screws

Flush

1/2"
(1,3 cm)

Fig. A

1/2"
(1,3 cm)

2

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

3

Screw hinge board into wall frame
and floor using (5) 2" screws, evenly
spaced as shown
Drive bottom screw at an angle into
floor **(Fig. B)**.

1/2"
(1,3 cm)

1/2"
(1,3 cm)

**Angle
bottom
screw.**

Fig. B

1/2"
(1,3 cm)

2" (5,1 cm)
Finishing Nails

HAD
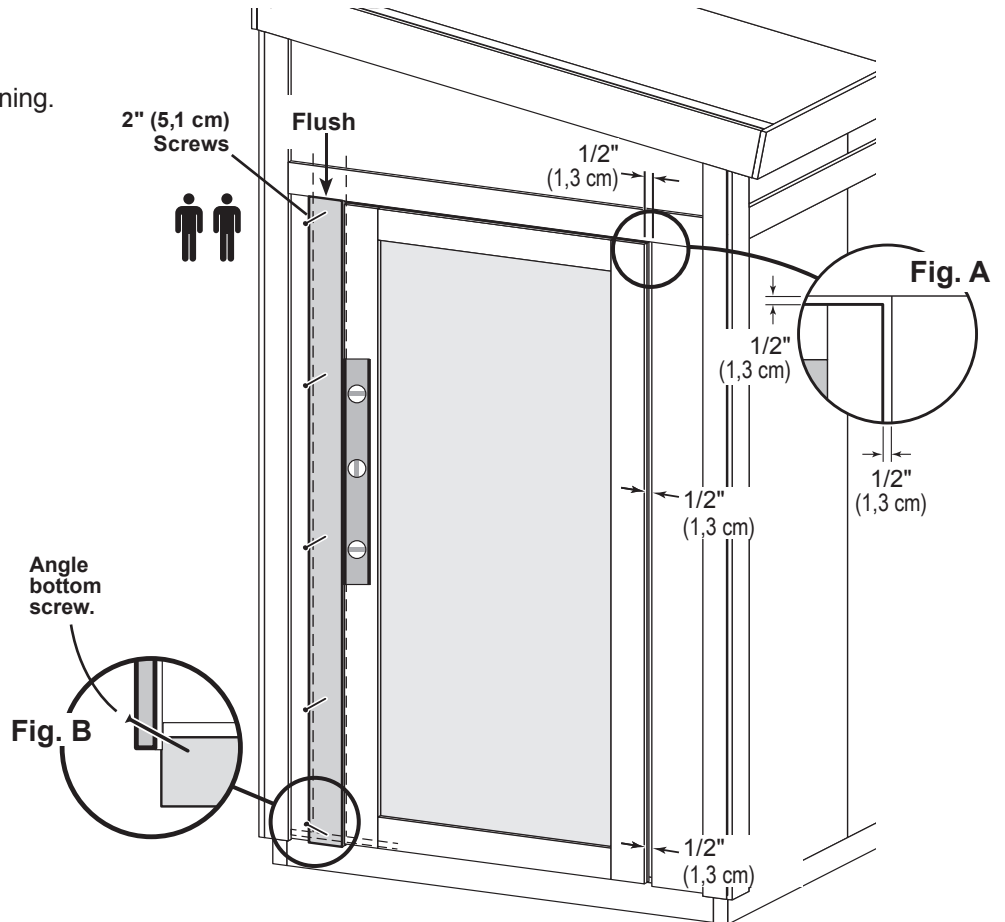
4

Center and level over door trim **HAD**.
Secure with (4) 2" finishing nails into framing **(Fig. C)**.

Flush

Fig. C

1/2"
(1,3 cm)

ZO

5

Flush **ZO** with bottom of **HAD** and level (plumb).
Ensure 1/2" measurement along door edge **(Fig. C)**.
Secure with (6) 2" finishing nails.

1/2"
(1,3 cm)

🏁**FINISH**
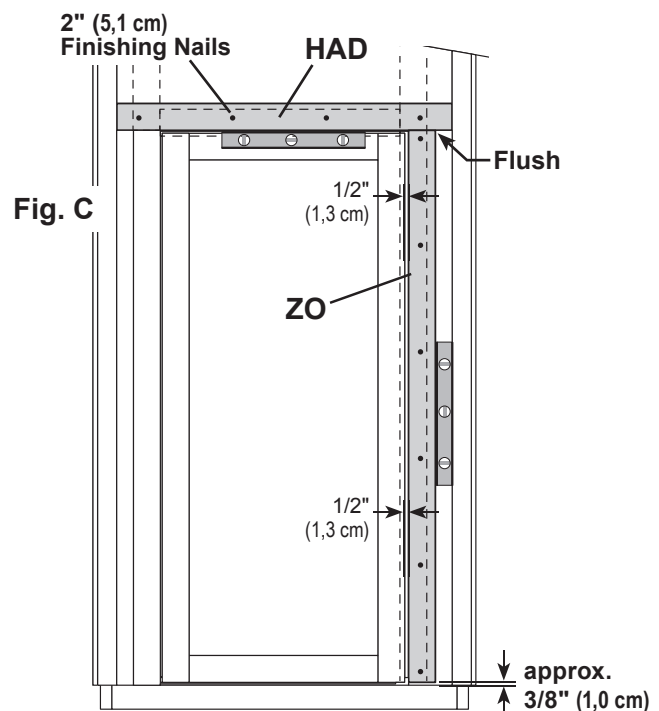
Your side door and door trim are now installed.

**approx.
3/8" (1,0 cm)**

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SIDE DOOR RAILS - OPTION 1

PARTS REQUIRED:

x1 | FMB | **x4** [_____]
19/32" x 3-1/2" x 10-1/8"   19/32" x 3-1/2" x 24-5/8" (1,5 x 8,9 x 62,5 cm)
(1,5 x 8,9 x 25,7 cm)

x30 3/4" (1,9 cm)
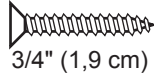
x9 2" (5,1 cm)

✓**BEGIN**

1 Install (4) **3-1/2" x 24-5/8"** door rails, as shown.
Beginning at the bottom of door, use **FMB** as a measurement guide for the 10-1/8" measurement.
Secure each door rail with 3/4" screws from back of door.

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

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

Fig. A

Door Panel

Door Trim

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

3-1/2" x 24-5/8"

FMB

*INSTALL
FIRST*

Fig. B   *INSIDE OF DOOR*

**3-1/2" x 24-5/8"
(x4)**

10-1/8"
(25,7 cm)

10-1/8"
(25,7 cm)

10-1/8"
(25,7 cm)

10-1/8"
(25,7 cm)

OPTION 3:
*Similar to Option 1 door
rail spacing, with the two
middle door rails removed.*

🏁**FINISH**
Your door rails are now installed.

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SIDE DOOR RAILS - OPTION 2

PARTS REQUIRED: **x1** | FMB |
19/32" x 3-1/2" x 10-1/8"
(1,5 x 8,9 x 25,7 cm)

x26 3/4" (1,9 cm)

x9 2" (5,1 cm)

x1
19/32" x 3-1/2" x 24-5/8" (1,5 x 8,9 x 62,5 cm) **x1** | QFC
19/32" x 55-1/16" x 28-1/2" (1,5 x 8,9 x 139,9 cm)

✓**BEGIN**

1 Install (1) **3-1/2" x 24-5/8"** door rail. Use **FMB** as a measurement guide for the 10-1/8" measurement.
Secure each door rail with 3/4" screws from back of door.

2 Install **QFC** flush to installed upper door rail.
Secure with 3/4" screws from inside of door. **(Fig. B)**.

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

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

Fig. A

Door Panel

Door Trim

FMB

3-1/2" x 24-5/8"

QFC

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

Flush

Fig. B

10-1/8" (25,7 cm)

3-1/2" x 24-5/8"

QFC

*INSIDE
OF DOOR*
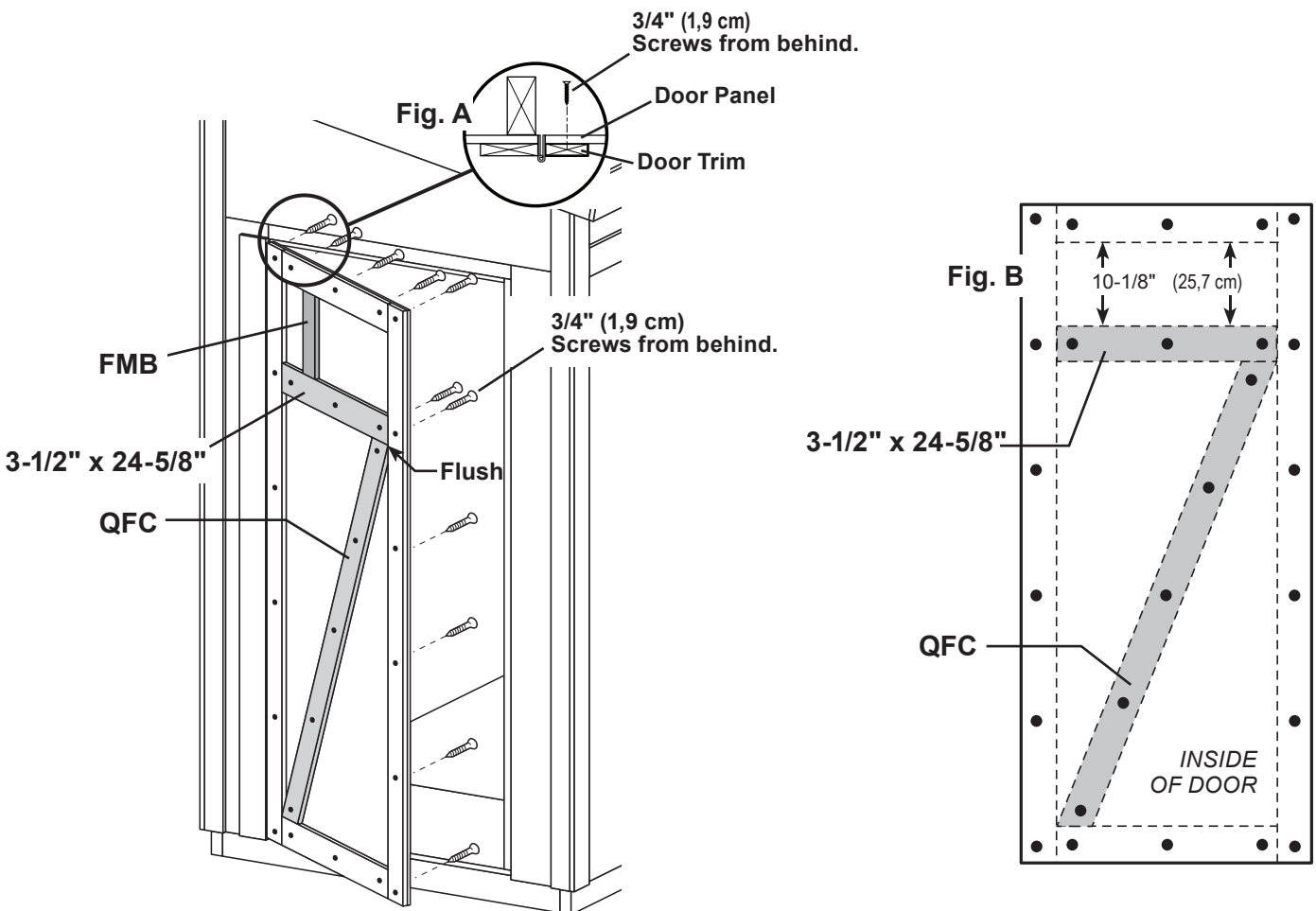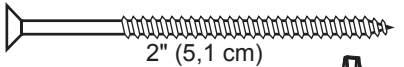
🏁**FINISH**
Your door rails are now installed.

SIDE DOOR STIFFENER

PARTS REQUIRED:

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

x6 2" (5,1 cm)
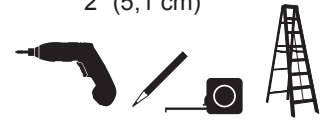
Door stiffener installation is for all side door trim options.

✓**BEGIN**

1

Center **OO** vertically on door in the door opening **(Fig. A)**, 1-5/8" from edge of door **(Fig. B)**.

Secure with (6) 2" screws through outside trim into **OO (Fig. B)**.

Fig. A

OO

Center OO in door opening.
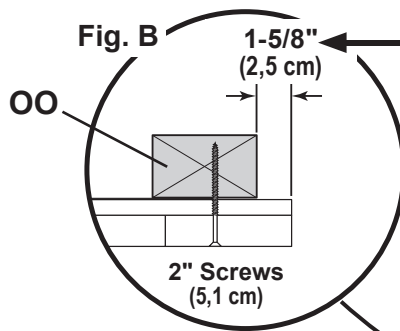
⚠ **IT IS IMPORTANT TO HOLD THIS DIMENSION**

Fig. B 1-5/8" (2,5 cm)

OO

2" Screws (5,1 cm)

OO

2" (5,1 cm) Screws

14" (35,6 cm) Approximately
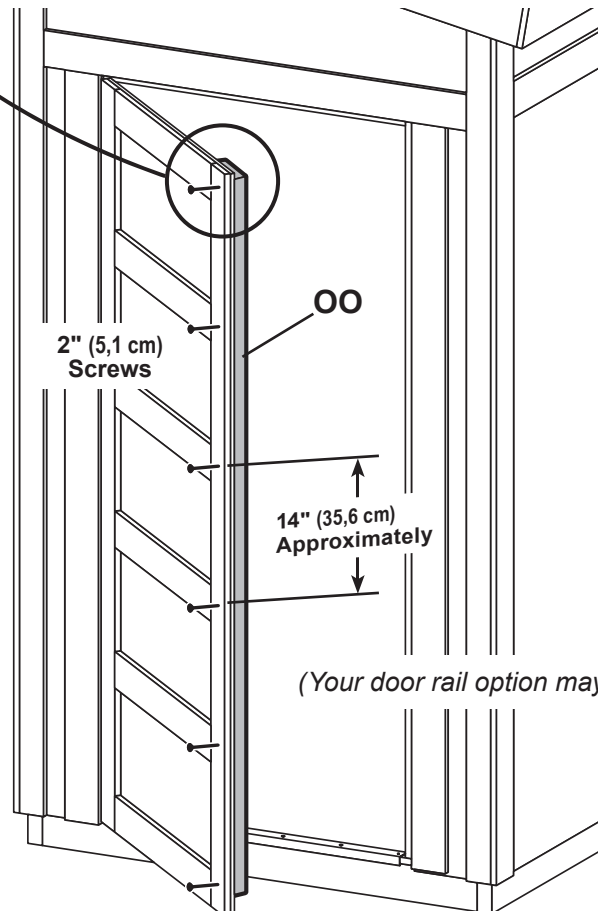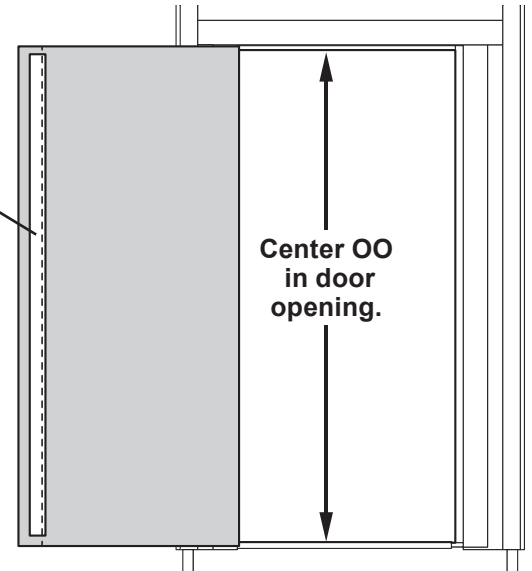
(Your door rail option may vary.)

🏁**FINISH**

Your left side door stiffener is now installed.

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SIDE DOOR HARDWARE

PARTS REQUIRED:

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

x1
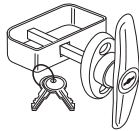
x1 31-3/16" Metal Threshold
3/4" (1,9 cm) **x6**
Bagged separately / special coating

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 **(Fig .A)**.
Pre-drill pilot hole with 1/4" drill bit.

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

⚠ *Drill hole hole square
to trim to avoid breaking
edge of door stiffener.*

Fig. A

2-1/2"
(6,3 cm)

2-1/2"
(6,3 cm)

1/2"
(1,3 cm)

SIDE VIEW

*Measure from
edge of door.*

TOP VIEW

35-3/4"
(90 cm)

Measure from bottom of door.
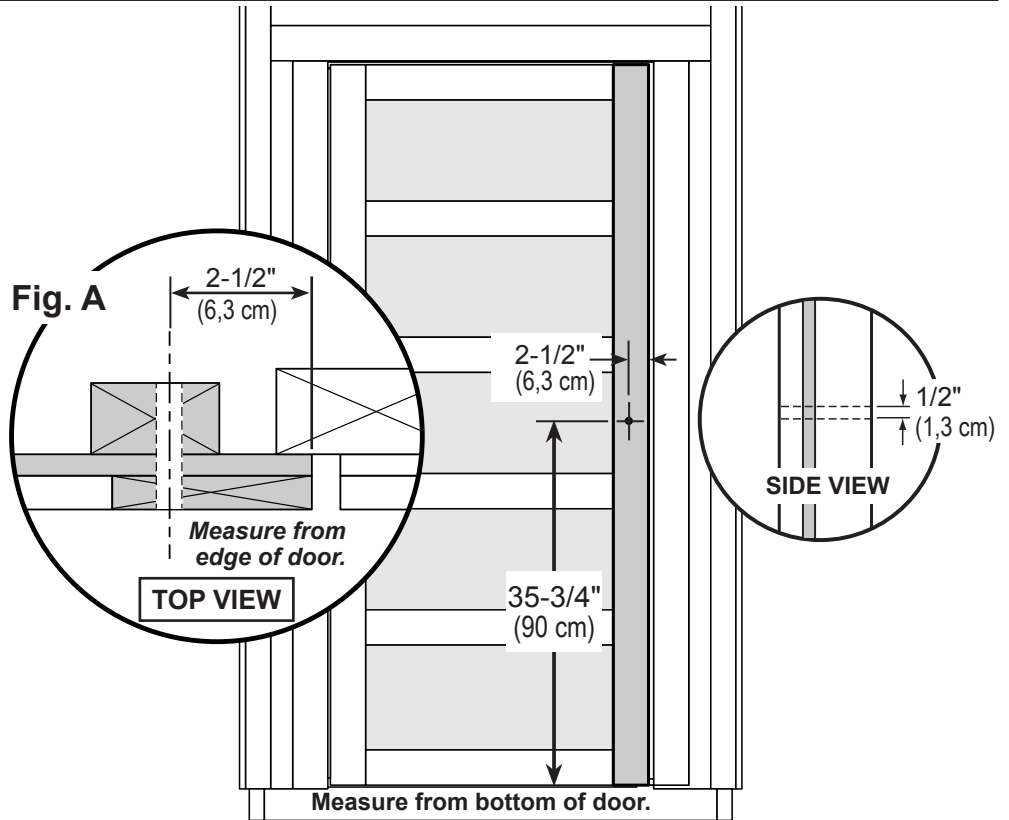
2

Install door handle.
Insert shaft in hole and secure handle
with 1-1/2" screws **(Fig. B)**.

Install inside handle to shaft.
Secure with set screw, as shown.

Fig. B

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

Shaft

Set Screw
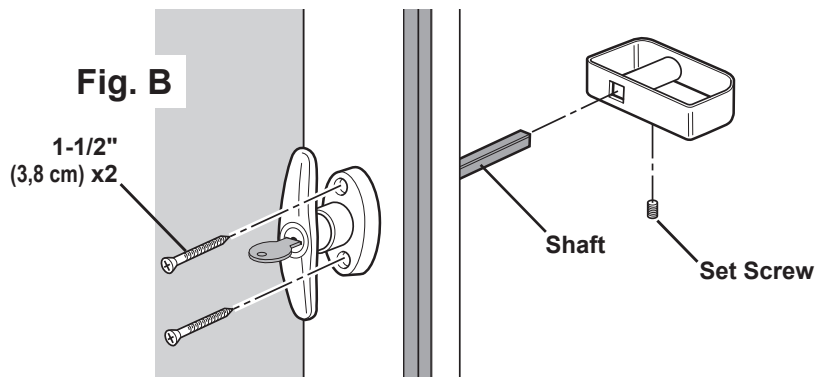
3

Center **31-3/16" metal threshold** on
floor in door opening.
Secure to floor with 3/4" special coating
screws **(Fig. C)**.

(6) Special Coating Screws

Fig. C
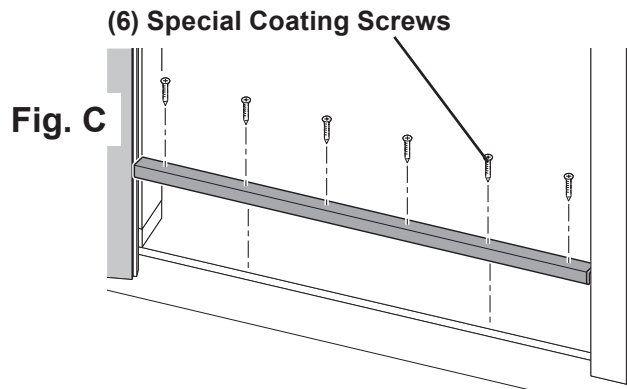
🏁 **FINISH**

Your side door hardware is now installed

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FRONT DOOR TRIM - OPTION 1 & 2

PARTS REQUIRED:

x1 | **FMB**
19/32" x 3-1/2" x 10-1/8"
(1,5 x 8,9 x 25,7 cm)

36" (91,4 cm)
FRONT DOOR
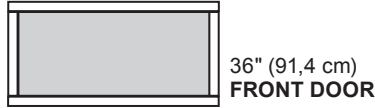
x24 3/4" (1,9 cm)

x8 2" (5,1 cm)

x4 | **MAC**
19/32" x 3-1/2" x 29" (1,5 x 8,9 x 73,3 cm)

x1 | **EZB**
19/32" x 3-1/2" x 56-13/16" (1,5 x 8,9 x 144,3 cm)
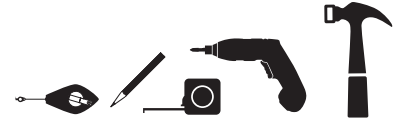
✓ **BEGIN**

Choose one of three door trim options.

1

Option 1: Lay 36" front door on a flat surface. Install (4) door rails **MAC**, as shown.
Beginning at the bottom of door, use **FMB** as a measurement guide for the 10-1/8" measurement.
Temporarily secure each door rail with (2) 2" finishing nails.

10-1/8" (25,7 cm)
MAC (x4)
FMB
FMB
MAC
10-1/8" (25,7 cm)
10-1/8" (25,7 cm)
10-1/8" (25,7 cm)
10-1/8" (25,7 cm)
BOTTOM OF DOOR
OPTION 1
2" (5,1 cm) Finishing Nails
BOTTOM OF DOOR
OPTION 2
EZB
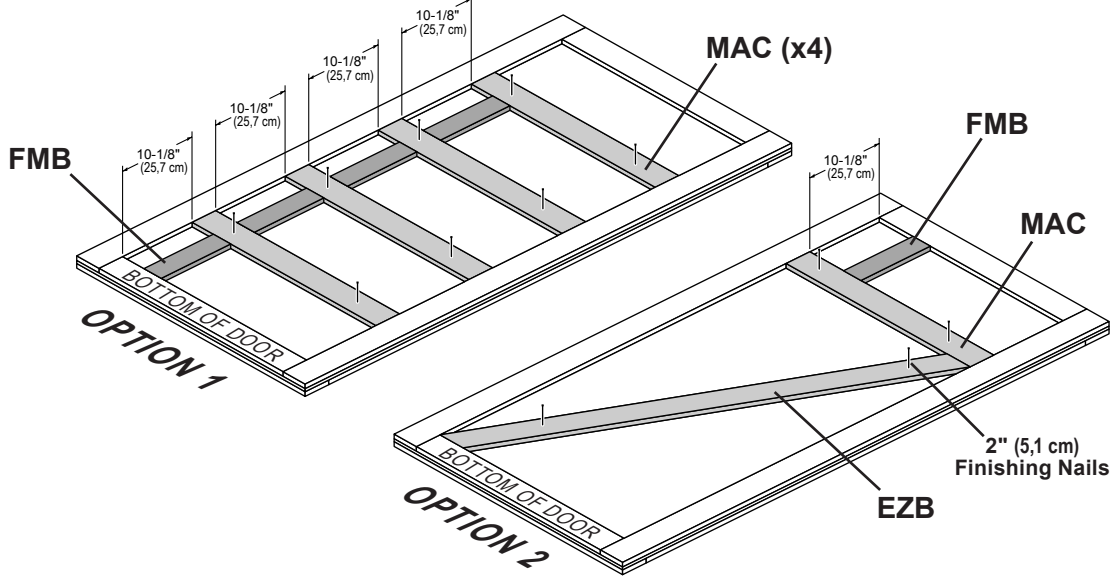
Option 2: Lay 36" front door on a flat surface. Install (1) door rail **MAC** and diagonal rail **EZB**, as shown.
At the top of door, use **FMB** as a measurement guide for the 10-1/8" measurement.
Temporarily secure each door rail with (2) 2" finishing nails.

2

Turn over the door.
Use **FMB**, a chalkline or other method to approximately mark the door rail positions.
Secure each door rail with 3/4" screws, as shown.

OPTION 3:
Similar to Option 1 door rail spacing, with the two middle door rails removed.

OPTION 1

OPTION 2

3/4" (1,9 cm)
Screws
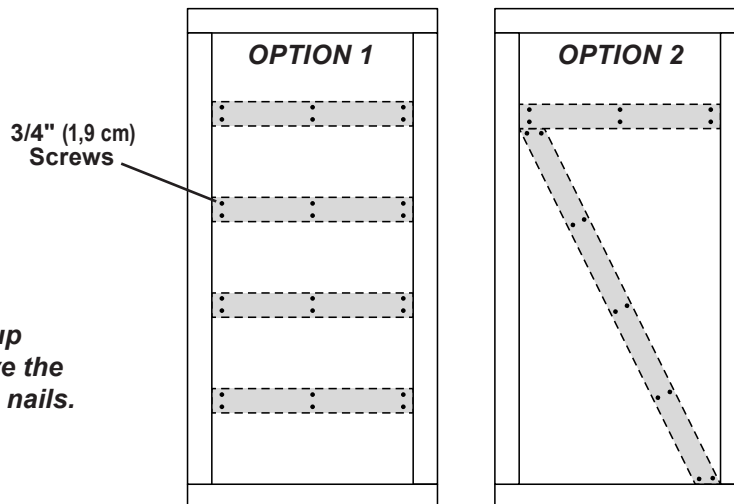
Turn the door face up and carefully remove the temporary finishing nails.

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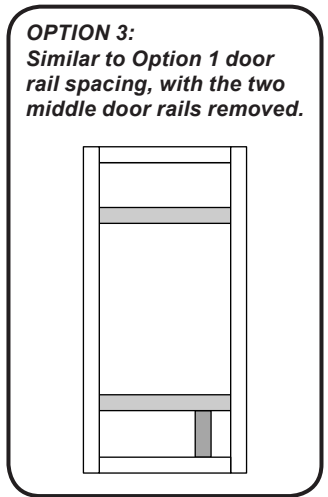
DOOR TRACK and THRESHOLD

PARTS REQUIRED: **x1**

30-1/2" Metal Threshold

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

5/16" x 2"
(8m x 5,1 cm)

x2

1/8" BIT
(3 mm)

x2

5/16" x 1"
(8m x 2,5 cm)

x1
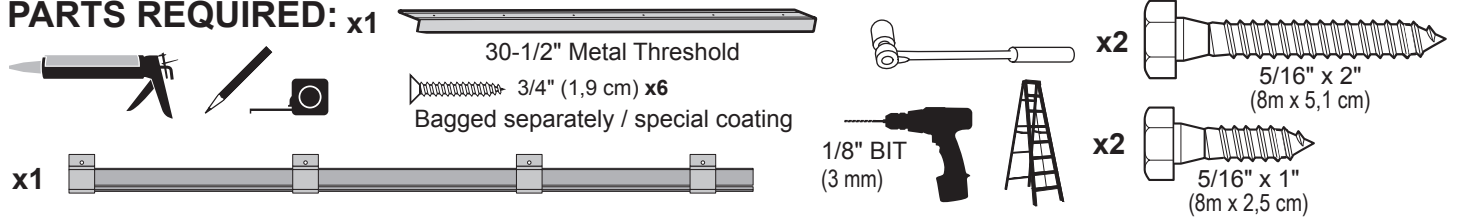
✓**BEGIN**

1 Align top of track brackets flush to top of horizontal trim and flush to right corner trim.
Mark bracket-hole locations on horizontal trim. Pre-drill holes using a 1/8" drill bit.
Secure right side of track with (2) 2" lag screws through bracket, trim and into wall frame **(Fig. A)**.
Secure left side of track with (2) 1" lag screws into wall panel.
Caulk top edge of rail **(Fig. A, Fig. B)**.

**1" (2,5 cm)
Lag Screws**

**2" (5,1 cm)
Lag Screws**

Flush   Flush   Flush   Flush

← **Flush
to trim.**

**Flush
to trim.**

Fig. A

*Caulk along entire
length of track
to validate your
warranty.*

Fig. B

Track Rail
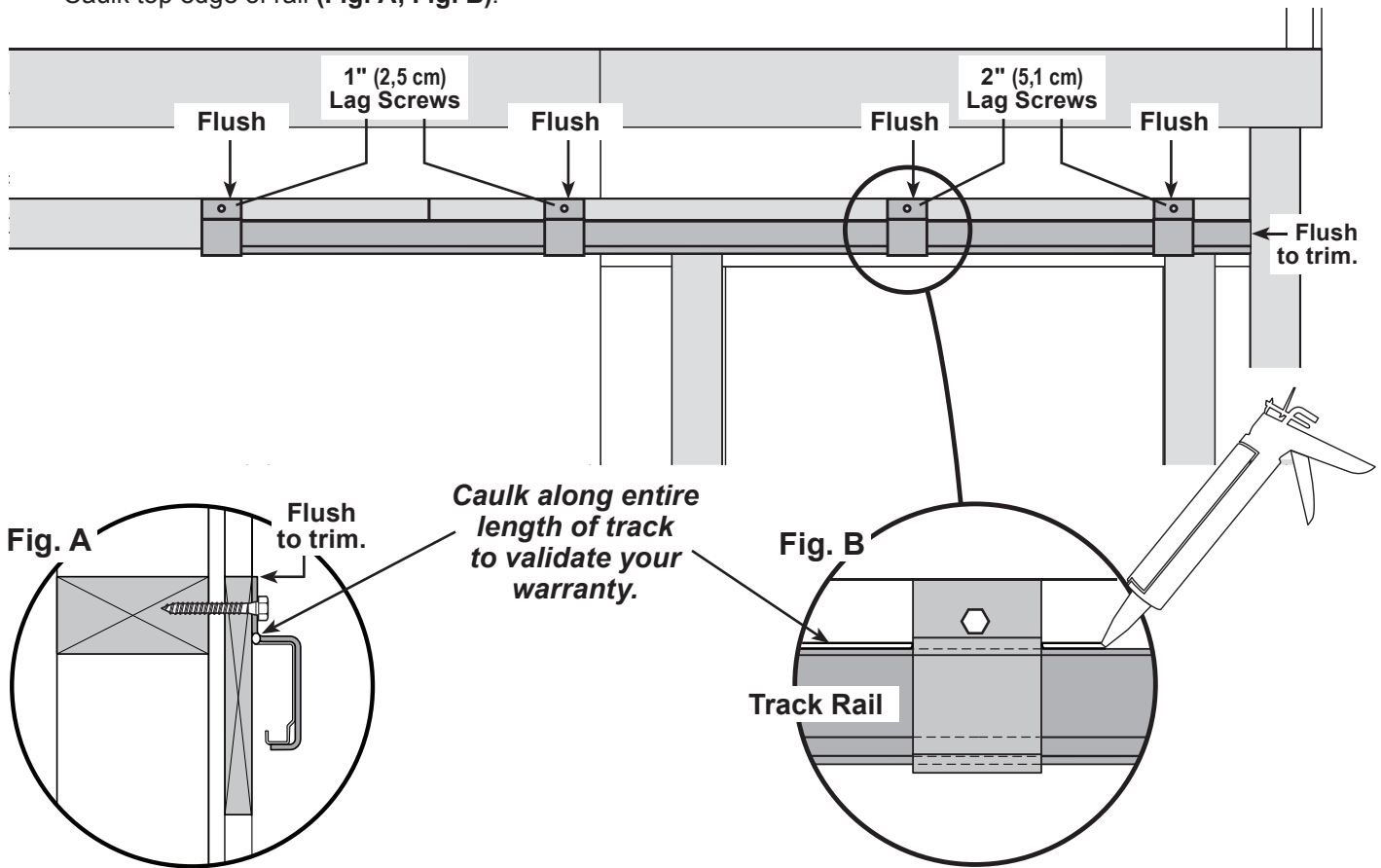
2 Install 30-1/2" metal threshold in front
door opening.
Secure with (6) 3/4" special coating
screws into floor.

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

30-1/2" Metal Threshold

🏁**FINISH**
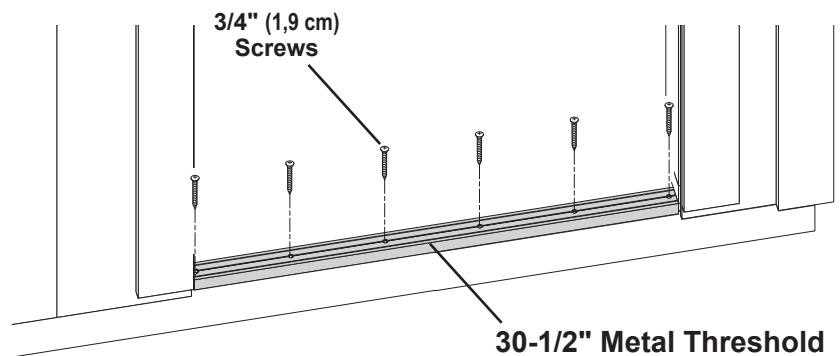
Your door track and threshold are now installed.

FRONT DOOR REINFORCEMENT

PARTS REQUIRED:

x28 ▭〰〰〰〰〰〰〰〰〰〰▸
1-1/4" (3,2 cm)

x2	JQC	19/32" x 3-1/2" x 36" (1,5 x 8,9 x 91,4 cm)

x2	IDC	19/32" x 3-1/2" x 65" (1,5 x 8,9 x 165,1 cm)
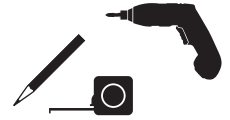
✓**BEGIN**

1 Reinforce the back of the front door by installing (2) **JQC** and (2) **IDC**.

Flush parts at all corners, edges and seams.

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

JQC (x2)

Flush

IDC (x2)

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

Flush

Flush

Flush

Flush

Flush

Flush

Flush

Flush
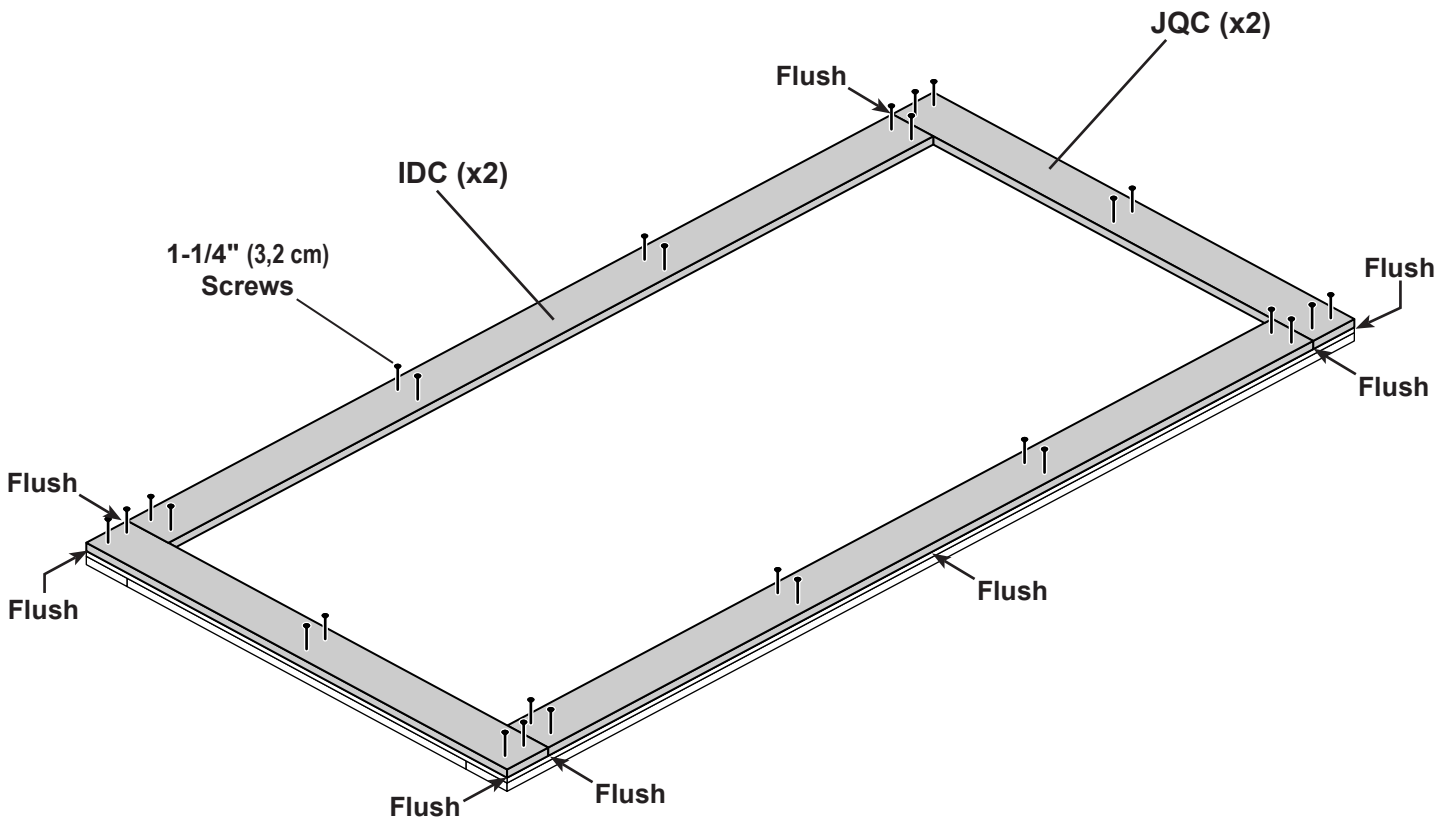
FRONT DOOR HARDWARE

PARTS REQUIRED:

x1 **Metal Rain Channel (drip edge)**
1" x 1" x 36" (2,5 x 2,5 x 191,4 cm)

x4 #8 x 3/4" (1,9 cm)
Self-Piercing
Round Head Screws

x1 **Door J-Channel**
1-1/4" x 7/16" x 36" (3,2 x 1,1 x 91,4 cm)

x4 #8 x 1" (2,5 cm)
Wide Head Metal Screws
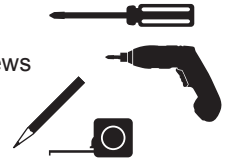
✓**BEGIN**

1 Install 36" drip edge flush to end and centered across upper corner of door.

Secure rain channel with 3/4" screws spaced evenly (approx. 10").

**Install drip edge
flush to front of door.**

TOP

10"
(25,4 cm)
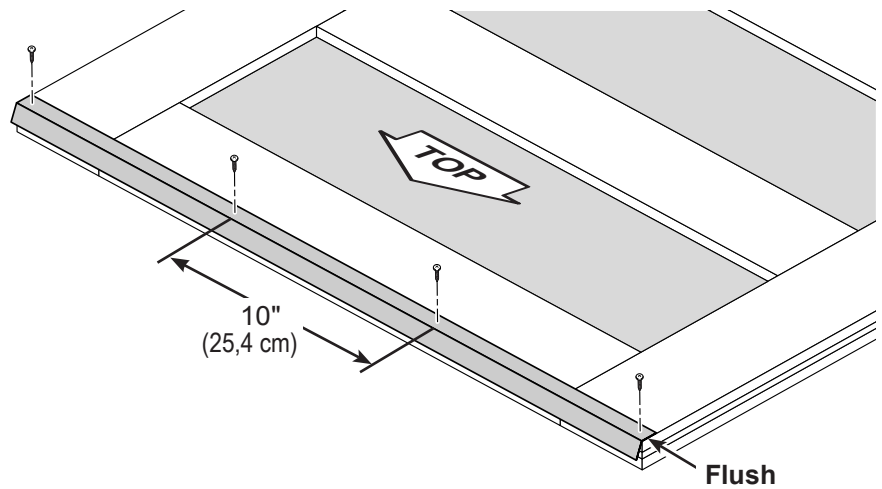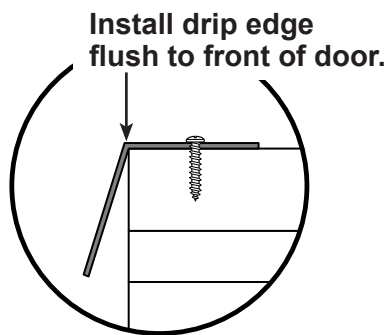
Flush

2 Install 36" J-Channel flush to end and centered across inside bottom corner of door.

Secure J-Channel with 1" screws, spaced evenly (approx. 10").

**Install J-channel
flush to bottom
of door.**

Flush

Flush

TOP

**INSIDE
OF DOOR**

10"
(25,4 cm)
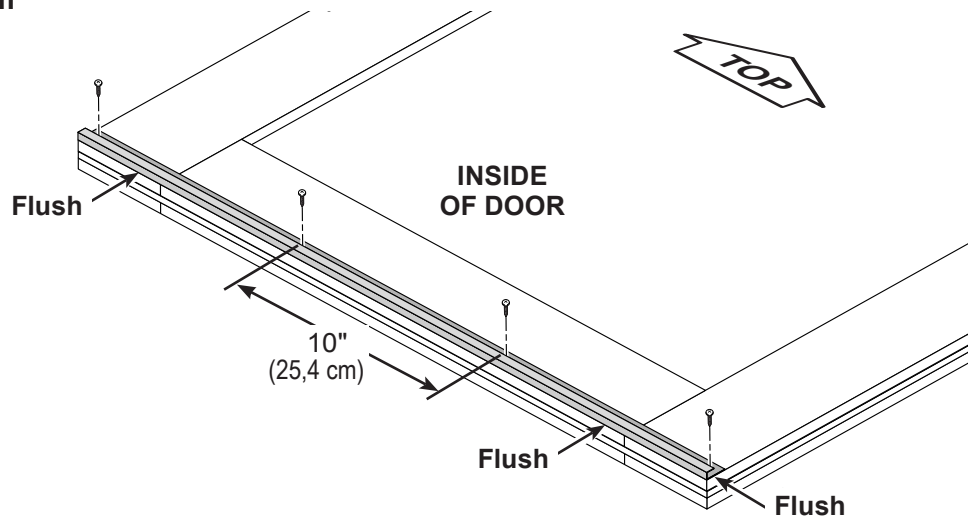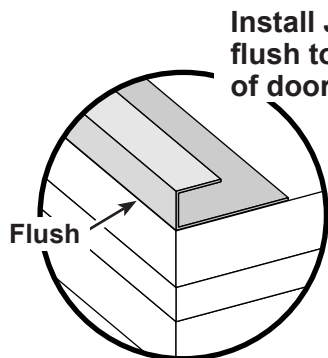
Flush

Flush

DOOR HARDWARE

PARTS REQUIRED:

x1   36" (91,4 cm) **Door Brush**

x7   #8 x 1" (2,5 cm)
Wide Head Metal Screws
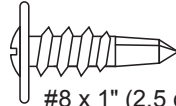
✓**BEGIN**

1 Install 36" door brush to bottom of door, flush channel across outside of door **(Fig. C)**.

Secure brush channel with 1" self-drilling screws, spaced evenly.

Flush

1" (2,5 cm) Screws

Fig. C

TOP

Flush

Flush
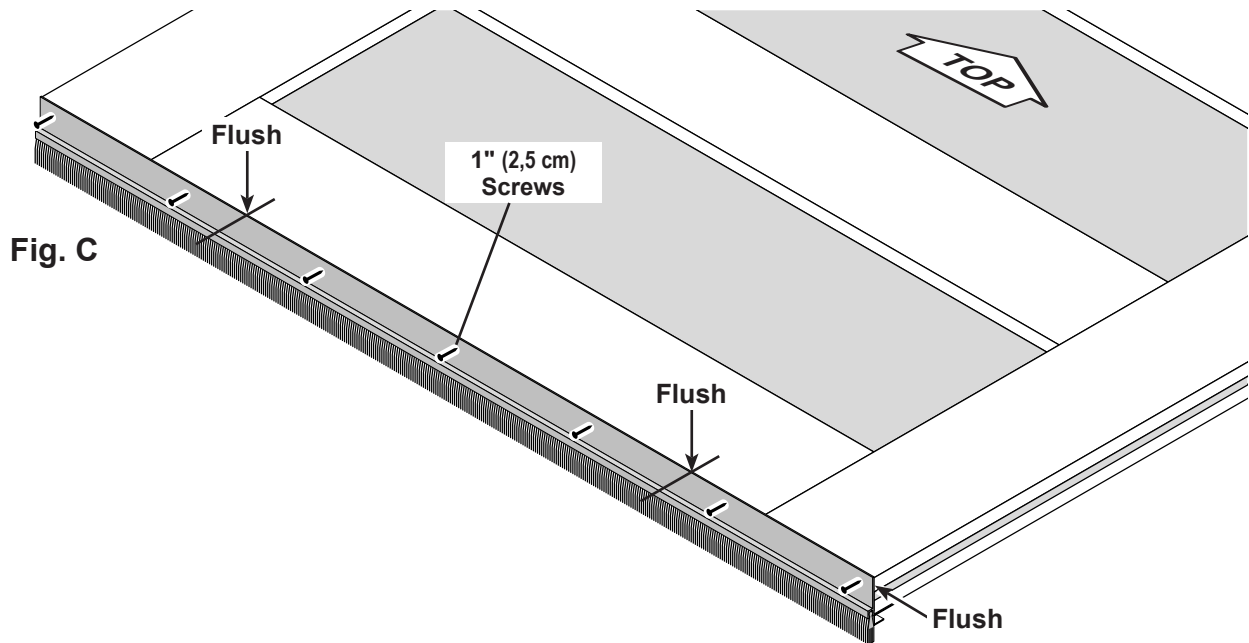
DOOR TROLLEYS

PARTS REQUIRED:

x1

x2

x8

1" (2,5 cm)
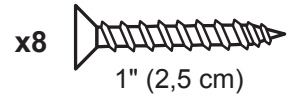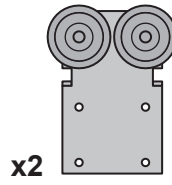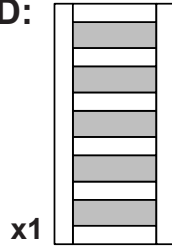
✓**BEGIN**

1 Install (2) rolling door trolleys to inside top of door.

Secure trolleys screws supplied in rolling door hardware bag.

Position as shown.

5-3/8"
(13,7 cm)

5-3/8"
(13,7 cm)

**INSIDE
OF DOOR**

TAB flush to top of door
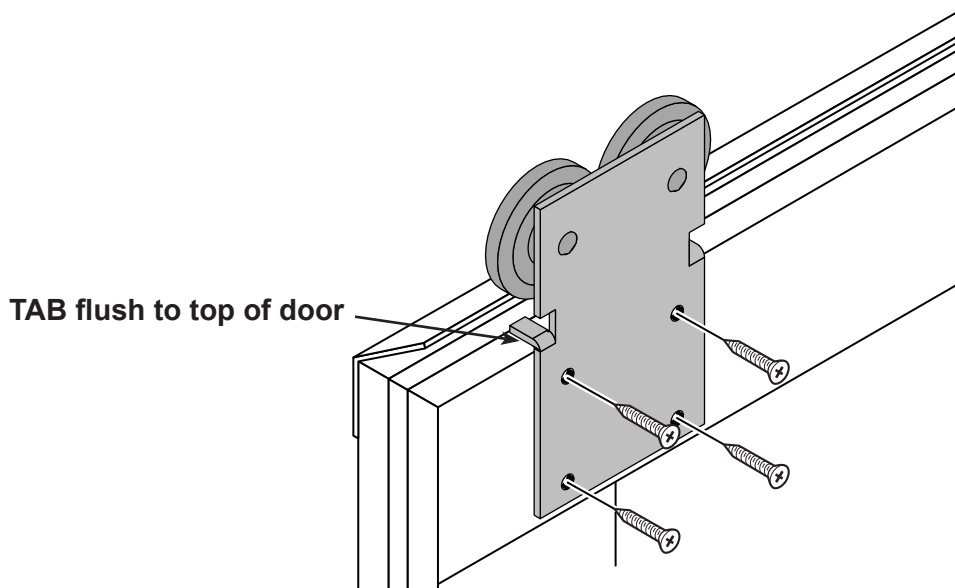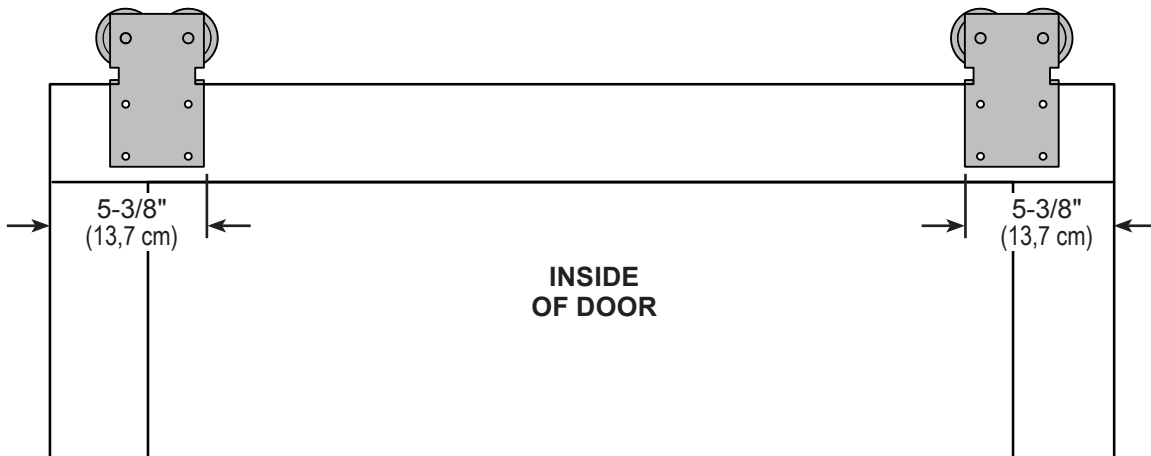
DOOR INSTALLATION
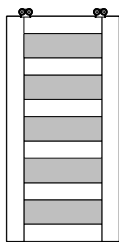
PARTS REQUIRED:

x1
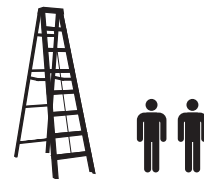
√**BEGIN**

1 Slide door into track, as shown **(Fig. A)**.

Fig. A

NOTE:
Install door into track slowly to prevent damage to rain channel.

DOOR HARDWARE

PARTS REQUIRED:

x1

x7 1" (2,5 cm)

x2 2" (5,1 cm)

1/8" BIT (3,0 mm)

x1 □ **FXA** 19/32" x 3-1/2" x 2-7/16" (1,5 x 8,9 x 6,2 cm)

x1

x2 #14 x 1" (2,5 cm)
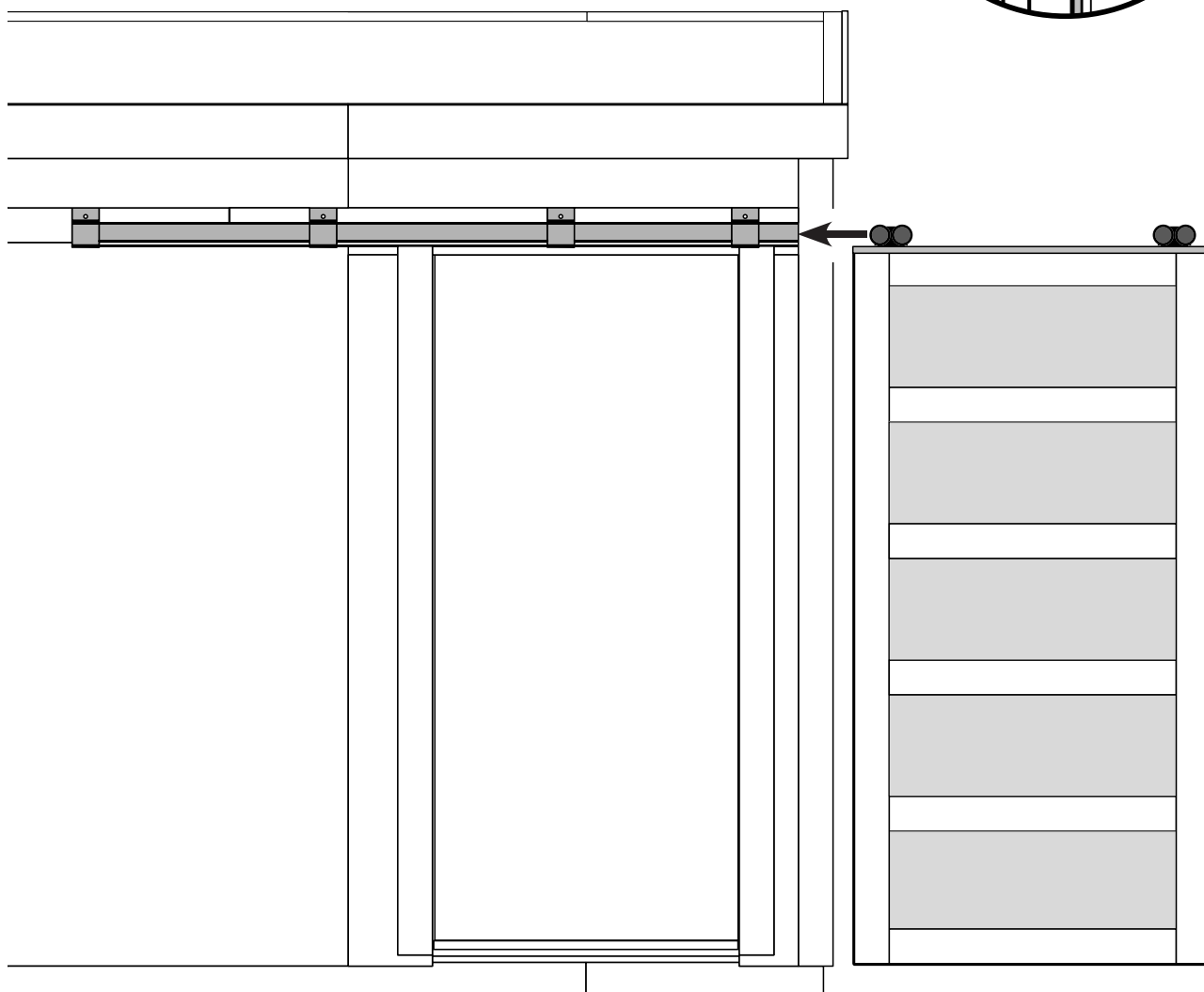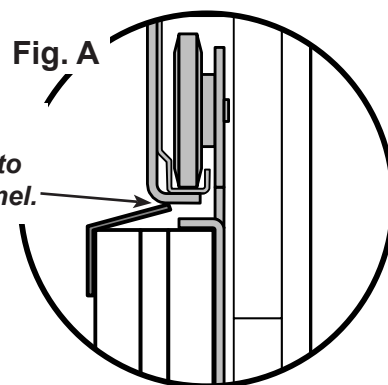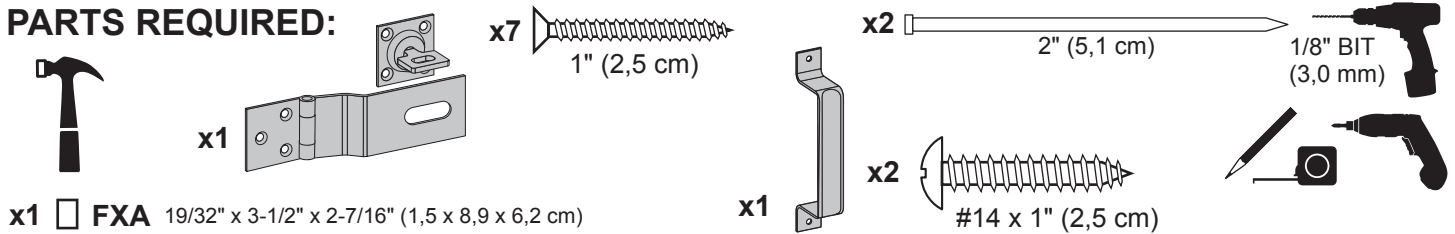
√ **BEGIN**

1

Install door handle on door trim to measurement from bottom of corner trim **(Fig. A)**.
Secure handle to door with (2) 1" pan head screws **(Fig. B)**.
Pre-drill using a 1/8" drill bit.

Fig. B

1" (2,5 cm) Pan Head Screws

Fig. A

41-3/4" (106 cm)

38" (96,5 cm) *HASP*

39-3/8" (100, cm) *HASP BLOCK*
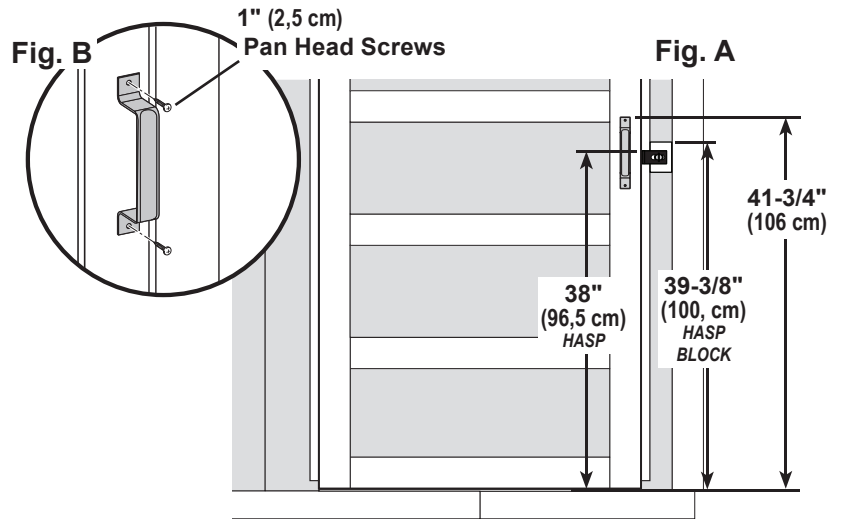
2

Install hasp trim block **FXA** between door trim and corner trim at measurement shown from bottom of corner trim **(Fig. A)**.
Secure with 2" finishing nails into inside hasp block.

Hasp block behind panel.

FXA

2" (5,1 cm) Finishing nails
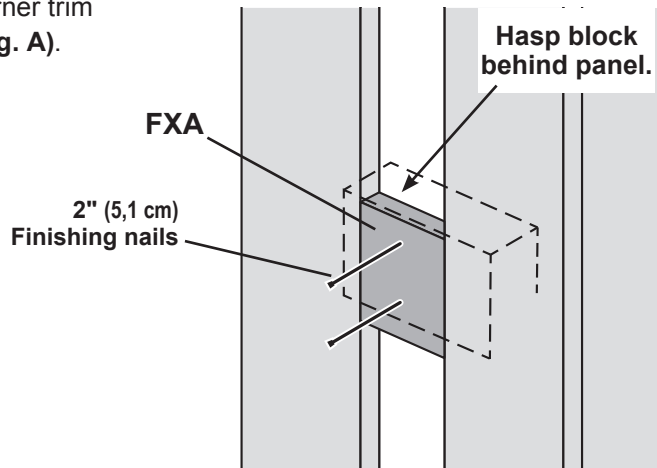
3

Refer to hasp hardware packaging instructions for installation.
Install hasp on door and hasp block at measurement shown from bottom of trim **(Fig. A)**.
Secure with hardware provided with hasp.

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DOOR HARDWARE

PARTS REQUIRED:

x2

3/16" BIT
(4,8 mm)

x4

#12 2" (5,1 cm)
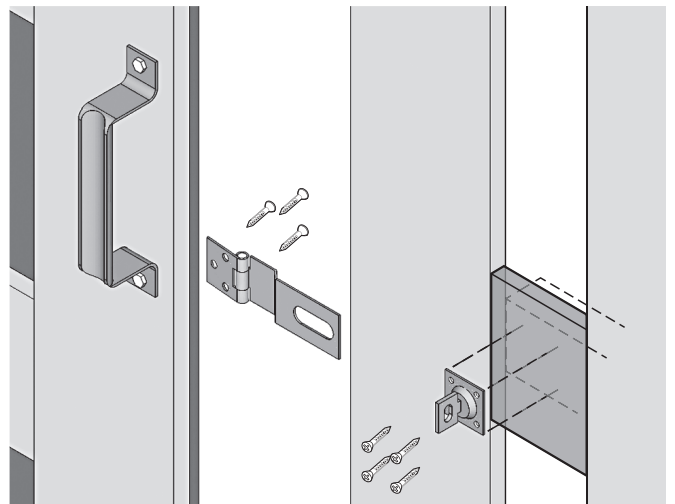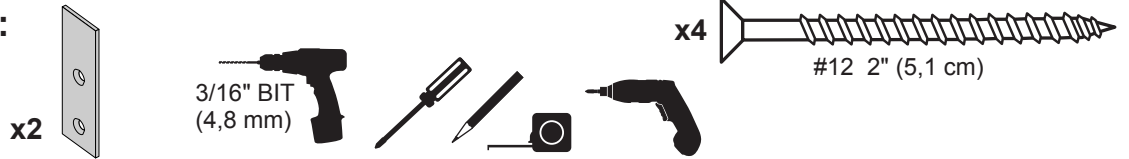
✓**BEGIN**

1 Roll the door open.

Install track plate (with top screw only) to measurement shown from bottom of door trim.

Pre-drill holes with 3/16" bit.

DOOR TRIM

DOOR TRIM

2" (5,1 cm)
Screws

Flush → **3-11/16"**
(10,2 cm)

3-11/16"
(10,2 cm)

← **Flush**

Measure from bottom of trim.
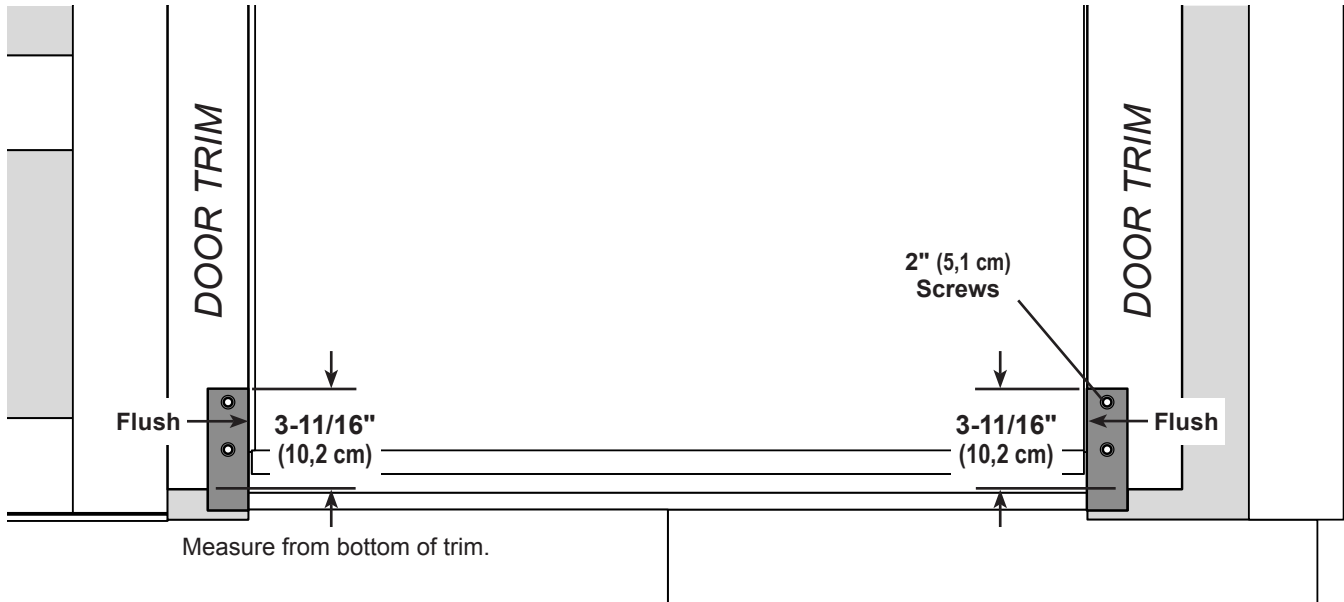
2

It may be necessary to adjust the track plate.
Loosen screw and move plate until plate clears
the bottom of J-Channel
(Approx. 1/8" (3,2 mm) **(Fig. A)**.

Install the bottom screw and tighten upper screw.

Adjust both plates for best operation.

Fig. A

← **Flush to edge
of door trim.**

1/8"
(3,2 mm)
(Approx.
clearance)

J-Channel
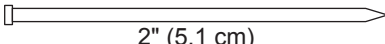
NOTE:

*1/4" x 1/4" fender washers are included in
hardware kit. If necessary, use these washers
as spacers behind track plates*
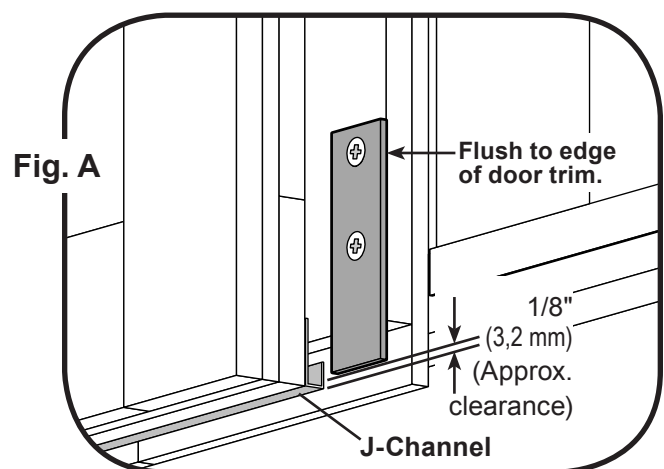
DOOR HARDWARE

PARTS REQUIRED: **x1** ☐ **FXA** 19/32" x 3-1/2" x 2-7/16" (1,5 x 8,9 x 6,2 cm)   **x2** ▬ 2" (5,1 cm)
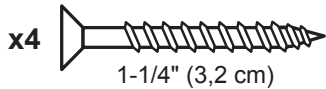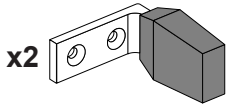
x2   **x4** 1-1/4" (3,2 cm)   1/8" BIT (3 mm)

✓**BEGIN**

1

Install door bumper trim block **FXA** between door trim and corner trim, flush to bottom of corner trim.
Secure with 2" finishing nails.

FXA

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

Flush
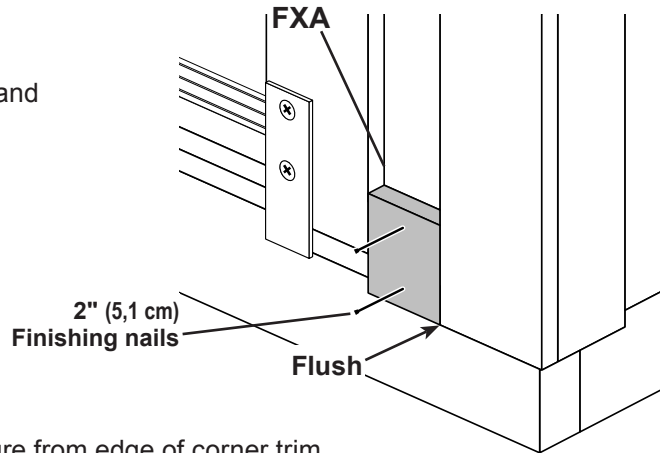
2

Install left door bumper to measurement shown. Measure from edge of corner trim.
Locate bumper hole-center 1-3/4" above bottom edge of wall panel **(Fig. A)**.
Secure door bumper with 1-1/4" screws. *Pre-drill screw holes.*

**Measure to
center of holes.**

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

CORNER TRIM

Door Bumper

**J-Channel
Guide Bracket**

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

**76-916"
(181,3 cm)**
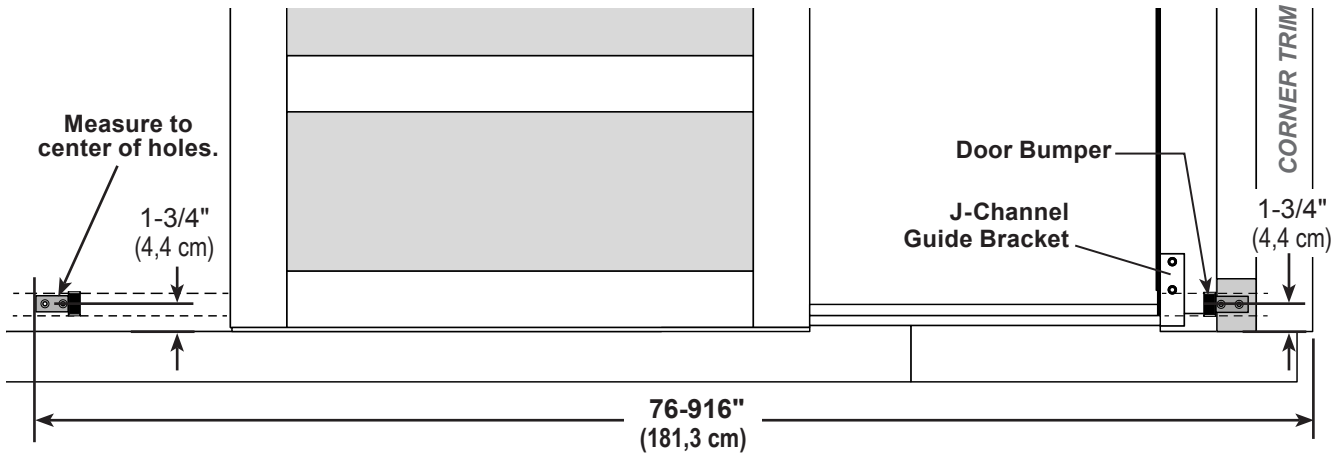
3

Install right bumper to door trim and **FXA**. Locate right side of door 1" (2,5 cm) from right edge of door trim **(Fig. A)**.
Locate bumper hole-centers 1-3/4" above
bottom edge of corner trim.
Flush door bumper to right edge of door **(Fig. A)**.

Secure door bumper with 1-1/4" screws.
Pre-drill screw holes.

Door Trim

DOOR

Fig. A

Flush

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

1"
(2,5 cm)
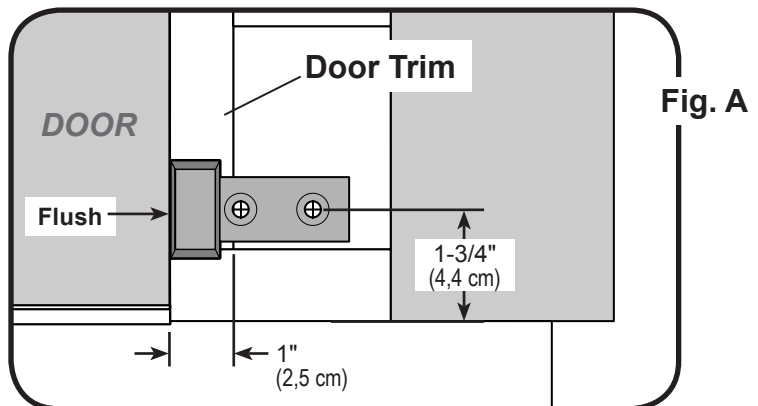
DOOR BRUSH HARDWARE

PARTS REQUIRED:

x20 |⟨▨▨▨▨▨▨▨▨▨⟩➤ #8 X 3/4" (1,9 cm)
Self-Piercing
Round Head Screws

x2 ▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨
69-3/4" (177,2 cm) **Door Brush**

✓**BEGIN**

1 With door closed, install (2) 69-3/4" door brushes flush to over-door trim and flush to inside of door **(Fig. C)**.
Secure with 3/4" self-drilling screws, as shown.

Fig. C

D O O R

Flush

Flush →

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

Flush— **Flush**

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

**7-1/2"
(19,1 cm)**

Door Brush

**BACK OF
DOOR**

Door Brush
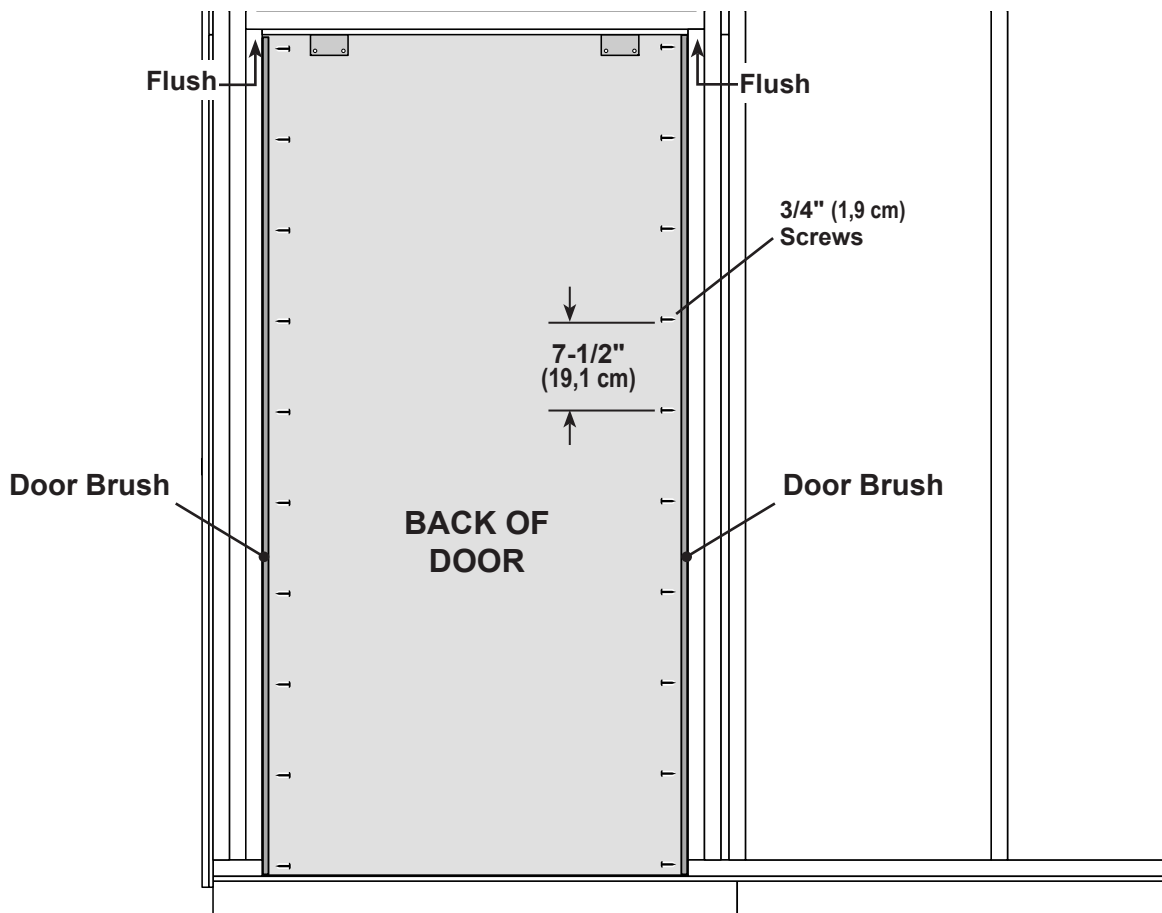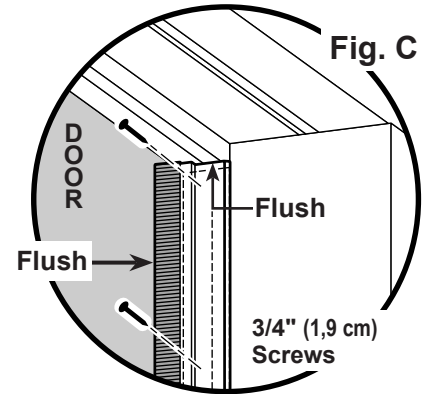
VENTS

PARTS REQUIRED:

x12 ⊢⋿⋿⋿⋿⋿⋿▷
1/2" (1,3 cm)

x2
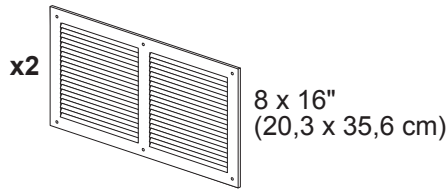
8 x 16"
(20,3 x 35,6 cm)
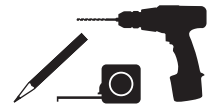
✓**BEGIN**

1 Locate and mark for two vents in both side walls as shown. (1) at top and (1) at bottom

Cut out marked openings.

Caulk behind vent flanges.

Secure with 1/2" (1,3 cm) screws.

4"
(10,1 cm)

6"
(15,2 cm)

Caulk

14"
(35,6 cm)

4"
(10,1 cm)

14"
(35,6 cm)

4"
(10,1 cm)

Caulk

6"
(15,2 cm)

3 – 5"
(7,6 – 12,7 cm)
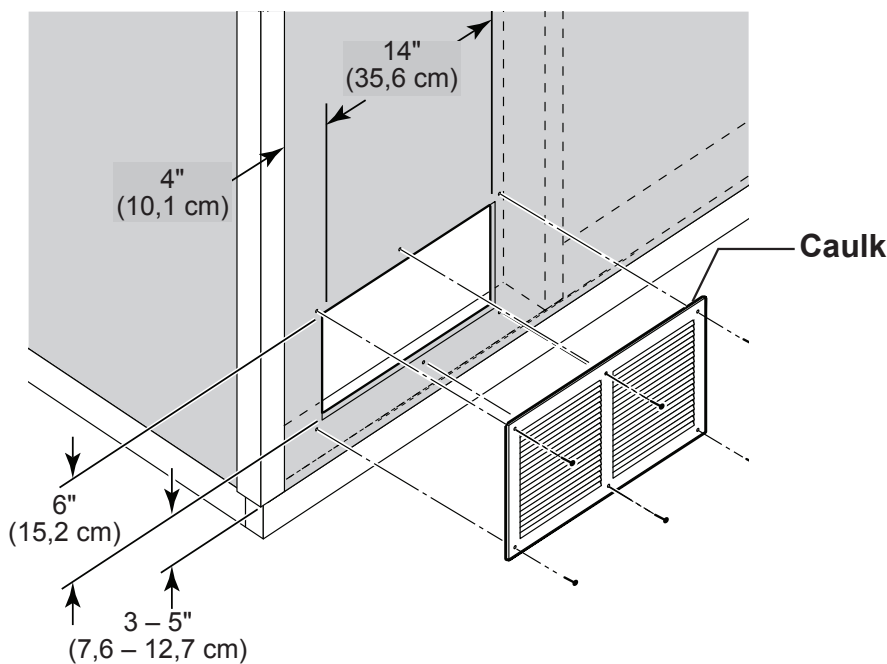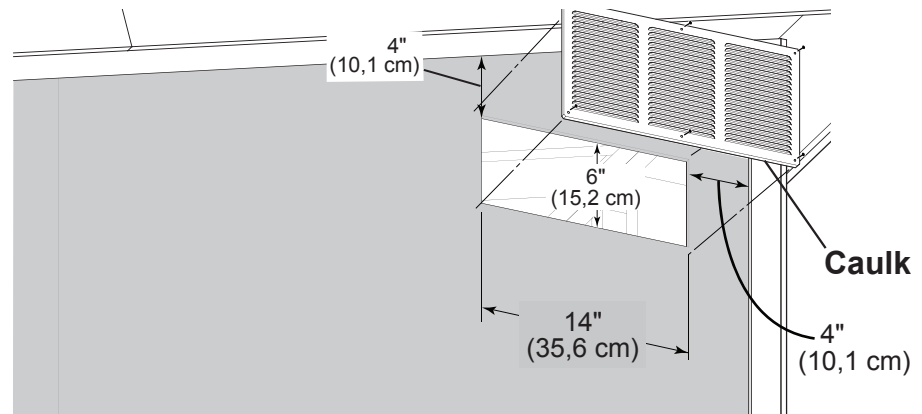
🏁 **FINISH**

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.)

DRIP EDGE

PARTS REQUIRED:
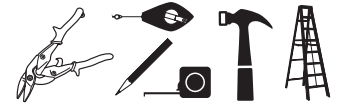
NOTE: Install drip edge to back of shed before installing roofing felt.

⚠️ *You must install drip edge to validate warranty.*

✓**BEGIN**

1 Install front drip edge flush along roof panel. Flush ends to trim.
Secure with 1" roofing nails 6" apart. Only nail top of drip edge.

Fig. A

Flush

6" TYP.
(15,2 cm)

1" Roofing Nails

Cut drip edge flush to trim.
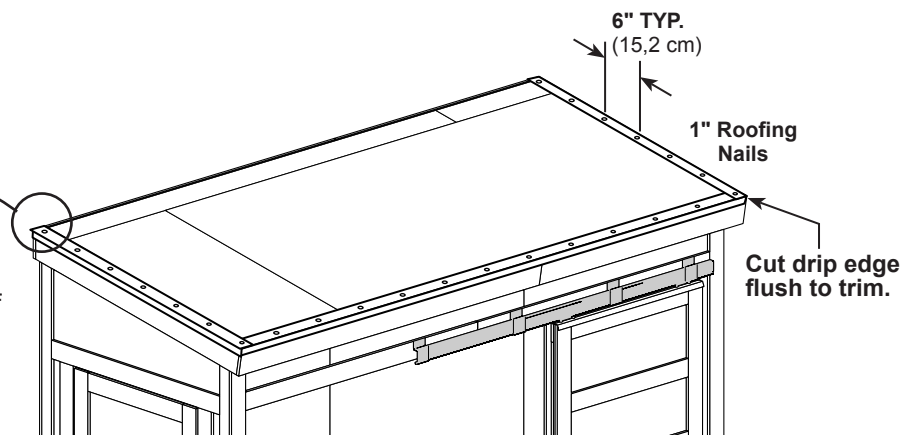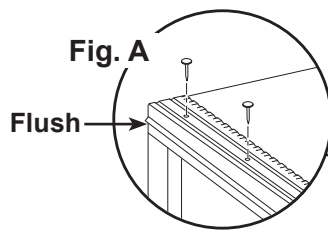
2 Install side drip edge flush along roof panels. Flush ends to trim **(Fig. A)**.
Secure with 1" roofing nails 6" apart. Only nail top of drip edge.

2 Install roofing felt flush to all roof edges, overlapping 3".

3" OVERLAP

Flush

Flush

(Follow directions provided by manufacturer.)

59
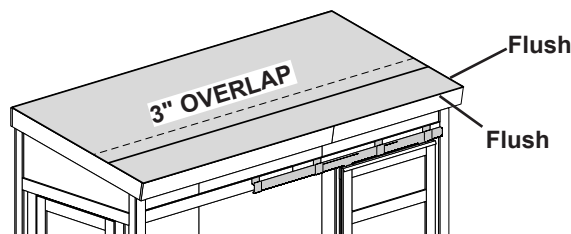
SHINGLES
- NOT INCLUDED -

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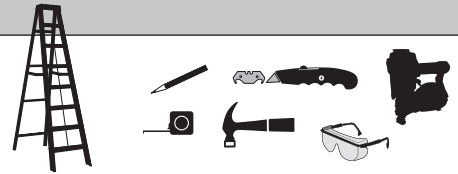
⚠ **Familiarize yourself with a 3-Tab Shingle.**

Notch   Notch

SHINGLE NAIL PATTERN

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

Half A Rain Slot

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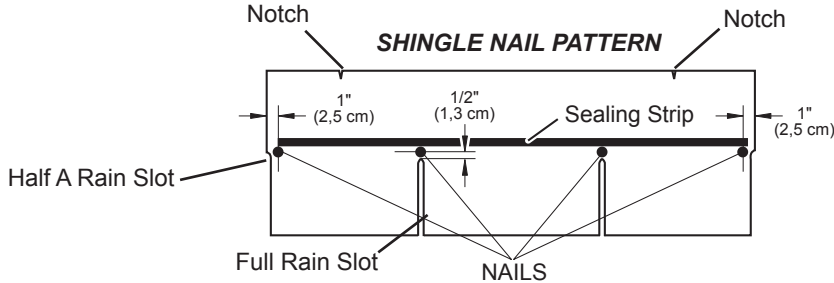
⚠ **NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.**

✓**BEGIN**

1 *Begin at the front of roof and work your way up to the back of roof:*
Install first starter row upside down, color up and flush to drip edge at 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.

BACK OF SHED

(4) Nails   ⚠   **TABS UP**   **START HERE**

**Shingle overlaps
roof decking.**   **FRONT OF SHED**
            Flush to drip edge.

DOOR
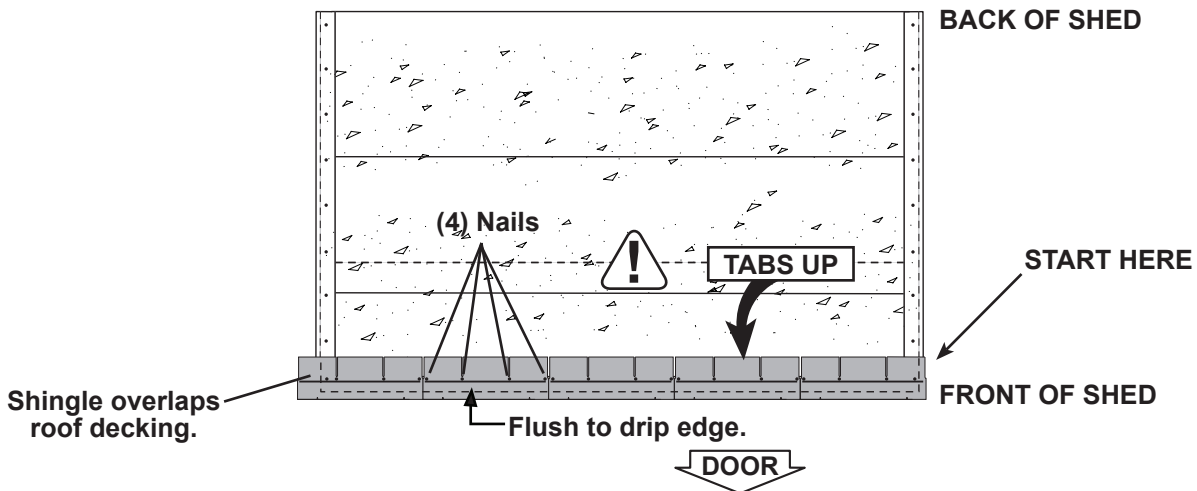
2 Begin where indicated on image below, install first row of shingles with notch flush with drip edge.

BACK OF SHED

Drip Edge

Notch

                                                FRONT OF SHED

← **1" (2,5 cm)**

BEGIN   **Flush with starter row.**
Flush to drip edge.   **DOOR**

60
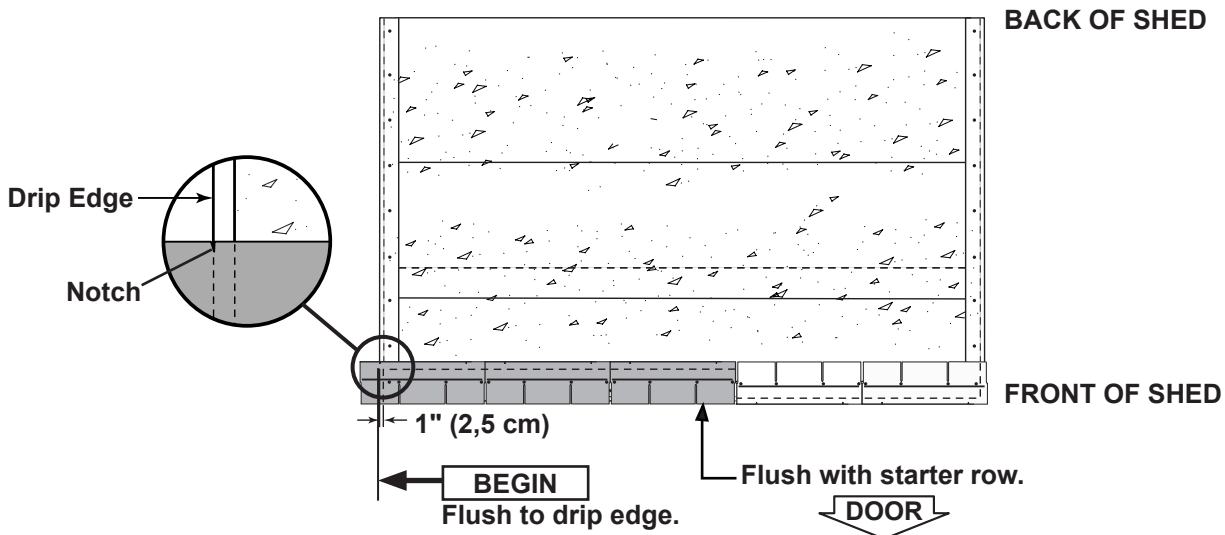
SHINGLES
continued...

3 Install second row of shingles flush at top of first row's rain slots. Ensure flush to drip edge at front side, stagger each row.

BACK OF SHED

Notch

Flush with rain slots.

FRONT OF SHED

DOOR

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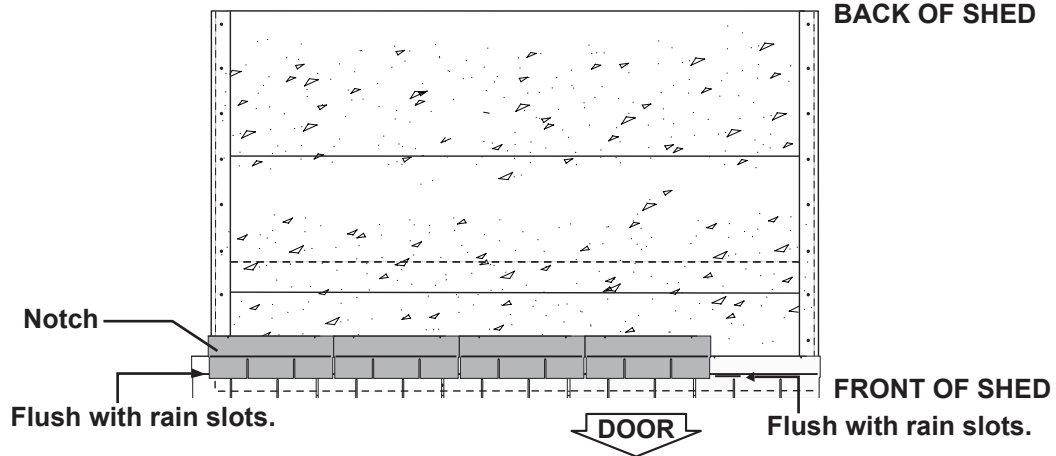
4 Continue installing rows of shingles by staggering at front.

1"
(2,5 cm)

Notch

FRONT OF SHED
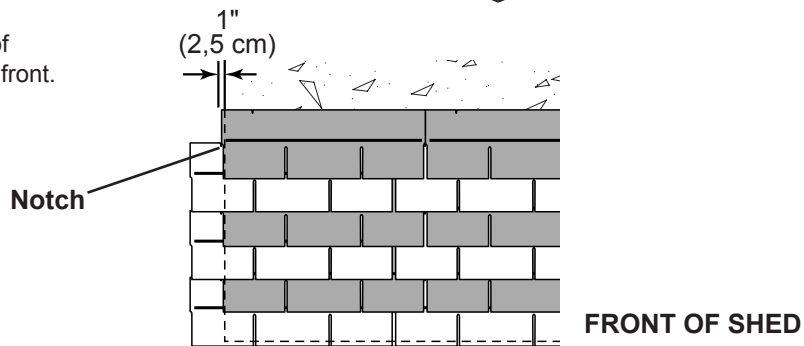
5 Continue installing rows of shingles to the back of the shed. At the back edge of the shed make sure there is a maximum of 5" or less to the rain slot, as shown below. If shingles overlap at back roof edge cut to roof edge with a utility knife.

5"
(12,7 cm)

Cut Off.

Top of rain slot.

Cut

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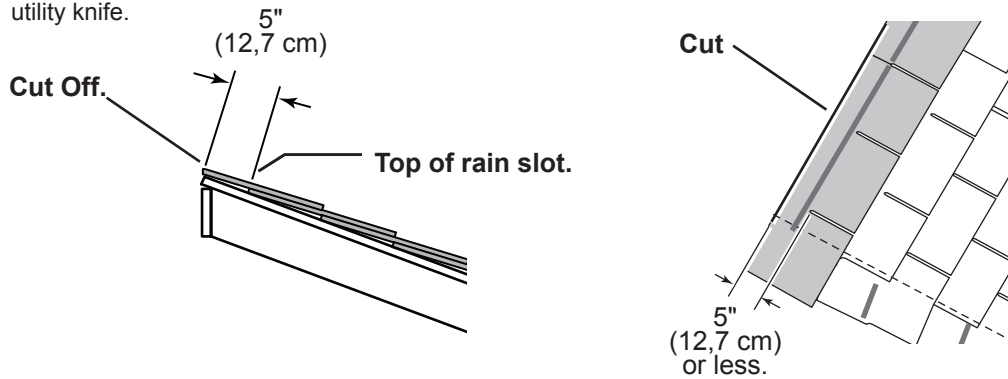
⚠ **• If more than 5" to rain slot you must install another row of shingles.**

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

61
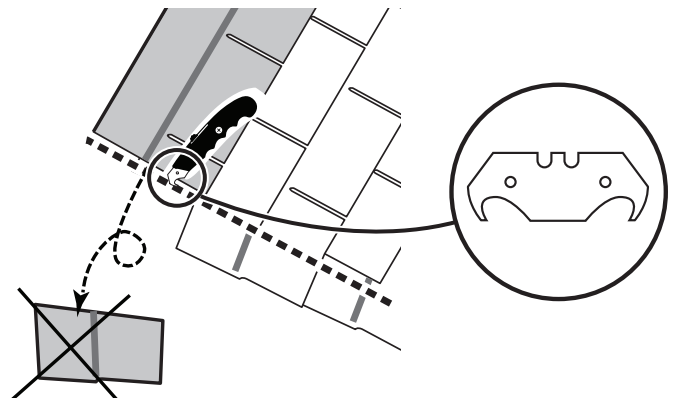
SHINGLES - DRIP EDGE & BACK CAP

√**BEGIN**

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

1 Cut shingles into (3) 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)
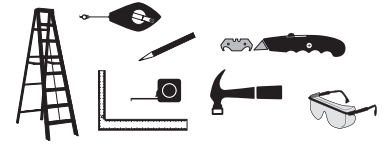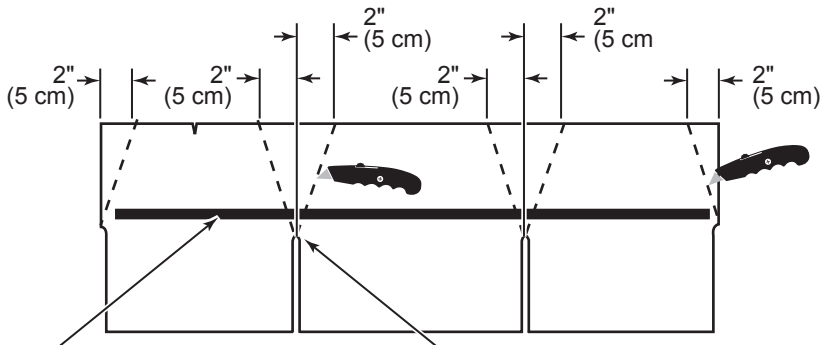
**Score shingle,
then snap-off angled cut.**

**33 to 35
Pieces**

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

Weather Seal

Top of slot.

2 Install drip edge over top shingle row with 1" overhang over roof edge.
Secure with roofing nails spaced 12" apart across entire back edge of roof.

1" (2,5 cm)

Drip Edge

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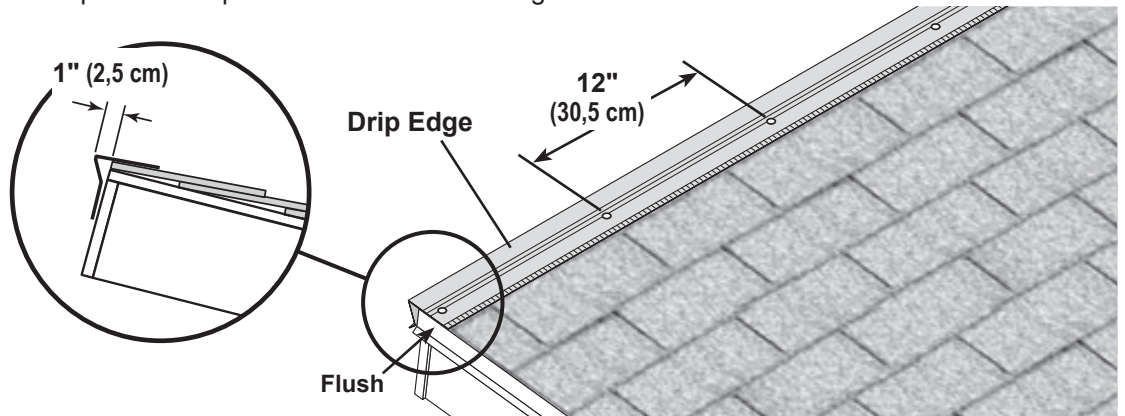
Flush

3 Cut one shingle short as a starter shingle. Install starter shingle with edges flush to drip edge.
Secure with (4) roofing nails.

Cut off.
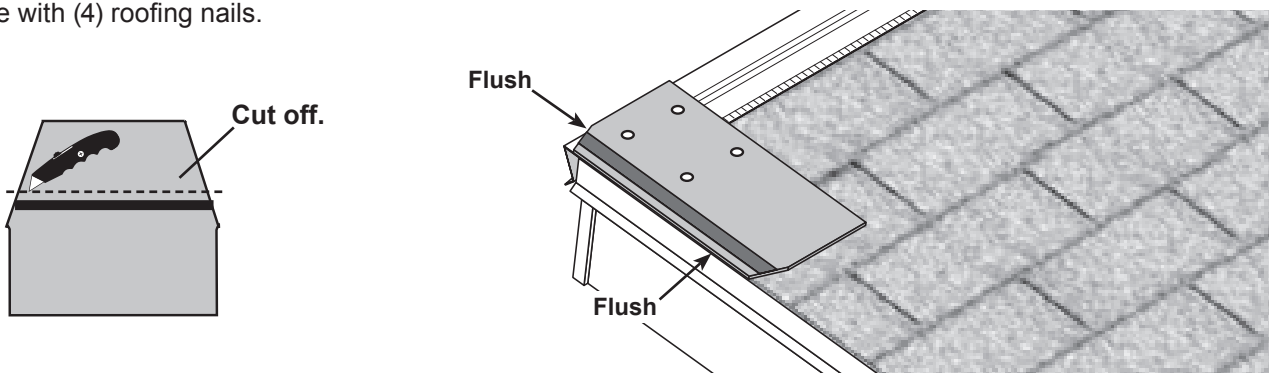
Flush

Flush

4 Align 1st cap shingle over top of installed starter shingle, flush to outer edges.
Secure with (5) roofing nails.

Flush

Flush

5 Install 2nd cap shingle over top of 1st cap shingle, flush to drip edge, and with a 5" reveal.
Secure with (5) roofing nails.

Flush

**5" (12,7 cm)
REVEAL**
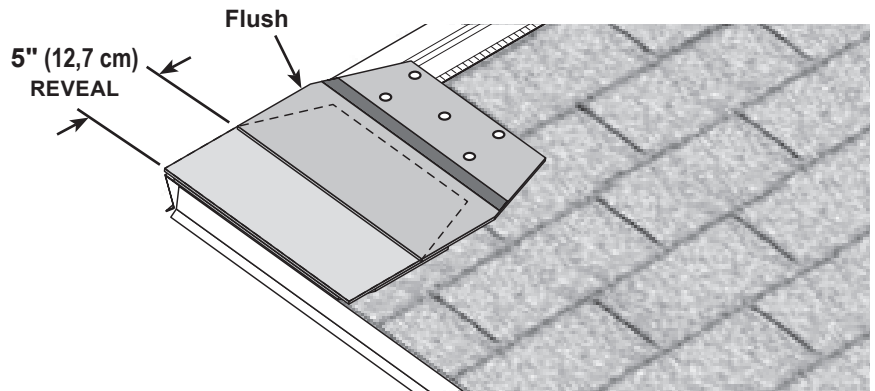
6 Working across entire back edge of roof, continue installing more cap shingles as in step 5.
Secure each cap shingle with (5) roofing nails.

Flush to edge.

**5" (12,7 cm)
REVEAL**
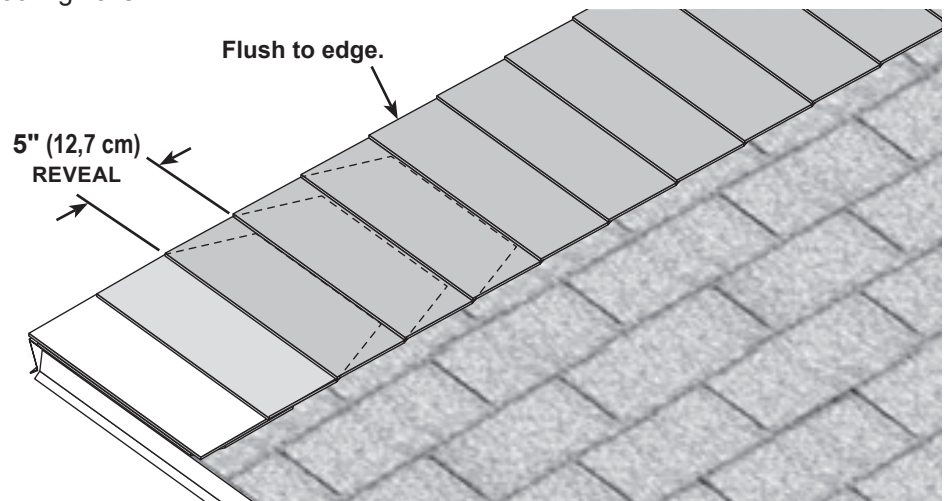
7 When installing the last shingle of the row, there must be a weather seal strip within 3" (7,6 cm) from the edge of
the roof **(Fig. A)**. If the seal strip is not within 3" (7,6 cm) from the edge of the roof, add an extra shingle.
Trim the last cap shingle flush to the edge.

For the final end cap shingle, cut off the tail end and install flush to front edge of last installed shingle,
and flush to eave side drip edge.
Secure shingle with (4) roofing nails. Cover nail heads with ashphalt pitch or tar.

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

Flush to edge.   **Cut off.**

Flush
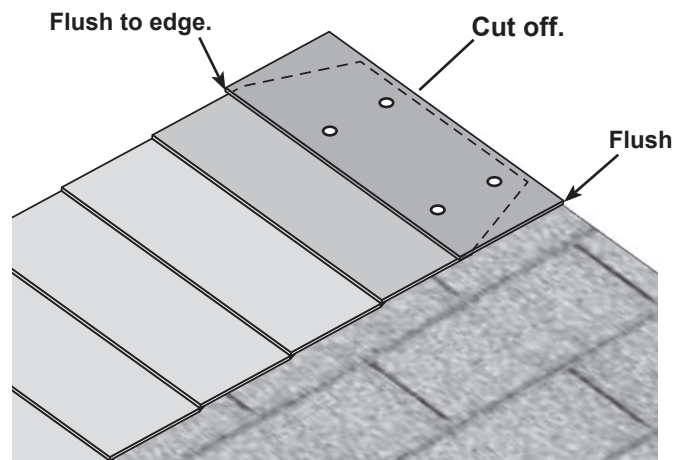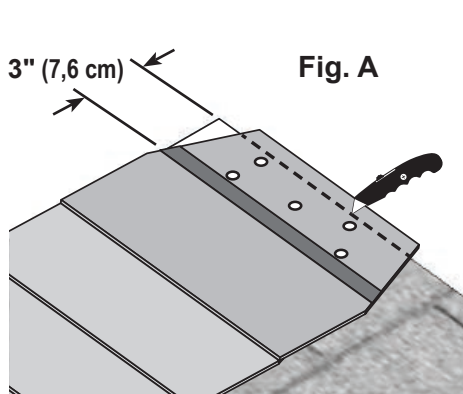
FINISH

You have finished shingling your roof.

16909 10' x 4' Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM #	BUILDING QTY.	PART ID
	Hasp Block	2 x 3 x 4-1/8"	Q 04020000000	1	RAC
	Short Shelf Support A	2 x 3 x 5-3/4"	Q 05120000000	2	WDB
	Short Shelf Support B	2 X 3 X 8 3/4" PACKING MTL /	Q 08120000000	1	---
2 X 3	Long Shelf Support	*2 X 3 X 93-3/4""	Q 93120000000	1	RTB
	Rafter	*2 X 4 X 53-1/2" 10* RAFTER	O 53081000000	6	MJC
	Outside Rafter	*2 X 4 X 53-7/8" 10* RAFTER	O 53141000000	2	IVB
	Long Shelf Support	2 X 4 X 93 3/4" DOUBLER	O 93120000000	1	CTZ
	Beveled Top Plate	2X4X72 10* BEVEL	O 72000000B10	2	GVC
	Beveled Top Plate Short	2X4X48 10* BEVEL	O 48000000B10	2	EMA
	Back Wall Studs	*2 X 4 X 88 1/2" STUD	O 88080000000	6	IMU
	Front Wall Stud	2 X 4 X 80-5/8" FRAMING	O 80100000000	8	XMB
	Jack Stud	*2 X 4 X 69 3/8"" STUD	O 69060000000	2	HUB
	Side Door Wall Front Stud	*2 X 4 X 84 9/16" 10* STUD	O 84091000000	1	FVA
	Side Door Wall Back Stud	*2 X 4 X 90 11/16" 10* STUD	O 90111000000	1	DKC
	Center Wall Stud Non Door Side	*2 X 4 X 73-1/4"	O 73040000000	1	CXB
	Over Door Cripplers	2 X 4 X 6 1/4" OVER DOOR CRIPP	O 06040000000	3	AYC
	Bottom Plate Short	2X4X48" DOUBLER/ PLATE/ CRATE	O 48000000000	2	SP
	Bottom Plate Long	*LUM SPF 2X4X72 #2&BTR	O 72000000000	2	TM
	Side Brace	2 X 4 X 41" PRECUT OR PLATE	O 41000000000	1	VWA
	Front Door Headers	*2 X 4 X 33-5/8"" STUD	O 33100000000	3	BZM
2 X 4	Side Brace Door Side	2 X 4 X 31 5/16"	O 31050000000	1	LBA
	Bond Board	LUM TRTD 2 X 4 X 96 #2&BTR	P 96000000000	2	---
	Bond Board Short	2 X 4 X 24 #2&BTR	P 24000000000	2	---
2 X 4 TREATED FLOOR FRAME	Floor Joist	2 X 4 X 45 #2&BTR	P 45000000000	10	---
	Header Filler	*7/16" OSB 3-1/4" X 33-5/8"	C 33100304000	1	---
	Roof Panel C	7/16" OSB 5-1/2" X 96" ROOF P	C 96000508000	1	---
	Roof Panel B	7/16" OSB 23 7/8" X 48" ROOF &	C 48002314000	1	---
	Roof Panel A	OSB 7/16" x 4' x 8'	11110	1	---
	Roof Panel D	7/16" OSB 5-1/2" X 23-7/8"	C 23140508000	1	---
	Roof Panel E	*7/16" OSB 1-7/8" X 53-1/2"	C 53080114000	2	---
	Shelf Bracket	EZ 8" 8" X 12 1/2" PRECUT for	J 120808000PP	1	---
7/16 OSB	Shelf Top	7/16" OSB 9" X 96" ROOF PANEL	C 96000900000	1	---
	Floor	FLOORING 5/8" X 4' X 8' PROSTR	11539	1	---
Prostruct	Floor B	5/8" PROSTRUCT 23 7/8" X 48"	D 48002314000	0.25	---
	Front Door Panel	3/8" NG 36" X 72" DOOR PANEL - 1X6 TRIM	K 72003600000	1	---
	Front Wall Panel A	SIDING NGSE 3/8X4'X7'	11507	1	---
	Front Wall Panel B	*NG 24" X 84" WALL PANEL	K 84002400000	1	---
	Front Wall Panel C	*3/8" NG 8-1/2" X 71-7/8"	K 71140808000	2	---
	Back Wall A	SIDING NGSE 3/8X4'X8'	11508	2	---
	Back Wall B	3/8" NG 23 7/8" X 96"	K 96002314000	1	---
	Side Door Panel	3/8" NG 31-5/8" X 71-5/8"	K 71103110000	1	---
	Left Gable Panel	*3/8" NG 20" X 48" LFT GABLE P	K 48002000400	1	---
	Right Gable Panel	*3/8" NG 20" X 48" RGT GABLE P	K 48002000300	1	---
	Gable Filler	3/8" NG 3 1/2" X 4 3/4" FILLER	K 04120308010	2	---
	Front Soffit	*3/8" NG 3-11/16" X 73-7/8"	K 73140311000	1	---
	Small Front Soffit	3/8" NG 3-11/16" X 49-7/8"	K 49140311000	1	---
	Side Soffit	3/8" NG 1-1/2" X 49-1/2"	K 49080108000	2	---
	Side Wall Panel A	*3/8" NG 7-13/16" X 74"	K 74000713000	2	---
	Side Wall Panel B	SIDING NGSE 3/8X4'X76"	11501	1	---
	Over Door Filler	*3/8" NG 12-1/8" X 48"	K 48001202000	1	---
NO GROOVE SIDING	Side Doorwall Filler	*3/8" NG 1-3/4" X 32-3/8"	K 32060112000	1	---
	Left Side Front Corner Trim	*19/32 TST 2 1/2" X 84" @ *10	UT84000208210	1	MTD
	Left Side Back Corner Trim	19/32 TST 2 1/2" X 92 1/8" @ 10	UT92202208210	1	NCD
	Right Side Front Corner Trim	*19/32 TST 2 1/2" X 84" @ *10 RGT	UT84000208110	1	ONA
19/32 X 3 SMART TRIM	Right Side Back Corner Trim	19/32 TST 2 1/2" X 92 1/8" @ 10 RGT	UT92202208110	1	GSD
	Side Door Hinge Board	19/32 TST 3 1/2" X 72 3/8"	UT72060308000	1	ZP
	Rail Guide	*19/32 TST 3 1/2" X 10 1/8"	UT10020308000		FMB
	Front Door Vertical Door Stiles	19/32 TST 4" X 72" TRIM	UT72000308000	2	ZO
	Side Door Vertical Door Stiles	19/32 TST 4" X 71 5/8" STILE	UT71100308000	2	ZK
	Front Corner Trim	*19/32 TST 3-1/2" X 83-07/16"	UT83070308000	2	DIA
	Back Corner Trim	*19/32 TST 3-1/2" X 90-15/16"	UT90150308000	2	LUT
	Front Door Inner Horizontal Trim	*19/32 TST 3-1/2" X 36"	UT36000308000	2	JQC
	Front Door Vertical Trim	19/32 TST 3-1/2" X 65"	UT65000308000	2	IDC
	Door Trim	19/32 TST 4" X 72" TRIM	UT72000308000	3	ZO
	Side Door Horizontal Rail	19/32 TST 3 1/2" X 24 5/8"	UT24100308000	6	---
	Front Door Horizontal Rail	19/32 TST 3 1/2" X 29"	UT29000308000	6	MAC
	Side Trim	*19/32" TST 3-1/2" X 43-3/4"	UT43120308000	2	HAD
	Bumper Hasp Trim	*19/32 TST 3-1/2" X 2-7/16"	UT02070308000	2	FXA
19/32 X 4 SMART TRIM	Front wall Trim	*19/32 TST 3-1/2" X 57-7/16"	UT57070308000	2	TSA
	Overhang Trim Short	*19/32 TST 5-1/2" X 50-1/2" TR	UT50080508000	2	UAC
	Overhang Trim Long	*19/32 TST 5-1/2" X 74-7/16" T	UT74070508000	2	VOA
	Left Gable Trim	*19/32 TST 5 1/2" X 54" @ 10* LFT	UT54000508210	1	SZA
19/32 X 6 SMART TRIM	Right Gable Trim	*19/32 TST 5 1/2" X 54" @ 10* RGT	UT54000508110	1	QCC
	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	1	OO
	Metal Hinge	HINGE PIANO 1 3/4"X71"GALV	15257	1	---
	Hinge Screws	SCREW #6-8 X 1" DEEP THREAD	15146	24	---
	6D Nails				
	10D Nails				
	Barn Door Track	TRACK ASSEMBLY 6' - (MWI # 103060006)	15143	1	---
	Hardware kit	H/K (33084) 4X10 LEAN II	15730	1	---
	Hardware kit	H/K TRACK TROLLEY AND HANDLE P	15436	1	---
	Threshhold	THRESHOLD 7/8" X 1-1/2" X 31-7/8	15428	2	---
	Door Drip Edge	GALVANIZED STEEL - 1" x 1" x 36" TOP DOOR FLASHING - 26 GAUGE	15131	1	---
	Wall Vent	VENT 16" X 8" EXTERIOR (WHITE)	15002	2	---
	Door Handle	HANDLE - T 5-1/2" SHAFT & "D"	15375	1	---
	Vertical Door Brushes	ALUM BRUSH SYSTEM 69-3/4" (OT - 1.500) - (Q25 & 2.5G - PBC110540)	15506	2	---
	Door Guide	ALUM DOOR GUIDE PLATES - 1-1/2	15130	2	---
	Bottom Door Brush	ALUM BRUSH SYSTEM 36" PBC110342 (OT - 1.187) - (A40 HOLDER) - (4G CHANNEL) POLYPROPYLENE	15749	1	---
	36" J- Channel	STEEL GALVANIZED 36" J-CHANNEL	15583	1	---
	Door Stops	BUMPER - BARN DOOR STOP	15060	2	---
PURCHASED COMPONENTS	Door Lock	LOCKING SAFETY HASP - STAINLES	15005	1	---
PACKAGING	Instructions		16909	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