

G:\2023 FBC Drawings 7-20-26\Trinity Glass International\FL-25575 R6\FL-25575.14-15.dwg

OPAQUE FIBERGLASS

DOUBLE DOOR

w/ SIDELITE(S)

"IMPACT"

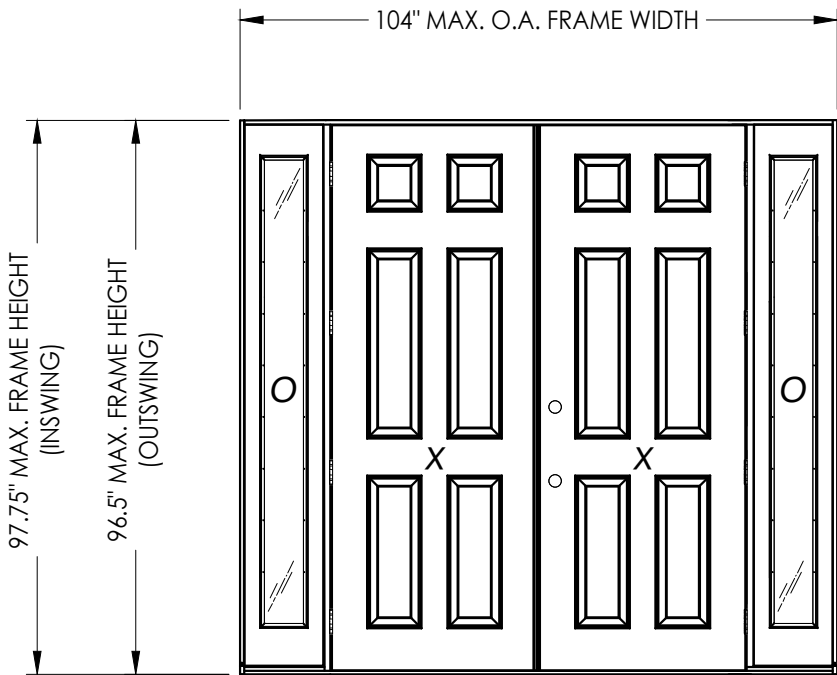
INSWING / OUTSWING

GENERAL NOTES

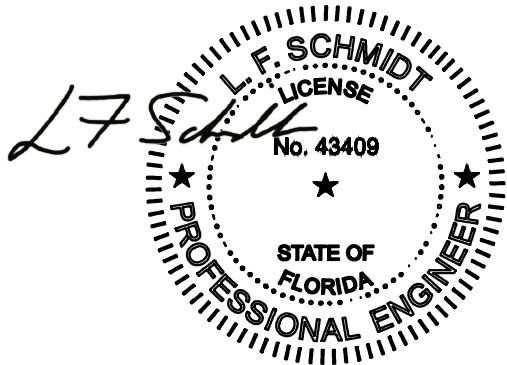
1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 3 as defined in ASTM E 1996.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel details
4	Elevations
5	Horizontal and vertical cross sections (2x buck)
6	Horizontal and vertical cross sections (1x buck)
7	Horizontal and vertical cross sections (Direct to Masonry)
8	Horizontal cross sections
9	Vertical cross sections
10	Buck anchoring
11	Frame anchoring
12	Components
13	Bill of materials

CONFIGURATION	FRAME MATERIAL	DESIGN PRESSURE (PSF)		DESIGN PRESSURE (PSF)	
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX XO	FJ PINE	+45.0	-45.0	+45.0	-45.0
OX XO	COMPOSITE	+45.0	-45.0	+45.0	-45.0



Continuous Head and Sill



Digitally signed by Lyndon F Schmidt
Date: 2026.07.26 10:46:26 -04'00'

This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

TRINITY GLASS INT'L

PRODUCT:

Part or Assembly:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

PART OR ASSEMBLY:

7/01/26
UPDATE TO 9TH ED. (2026) FBC

8/01/23
UPDATE TO 8TH ED. (2023) FBC

2
NO. DATE

1
BY

REVISIONS

DATE: 3/24/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

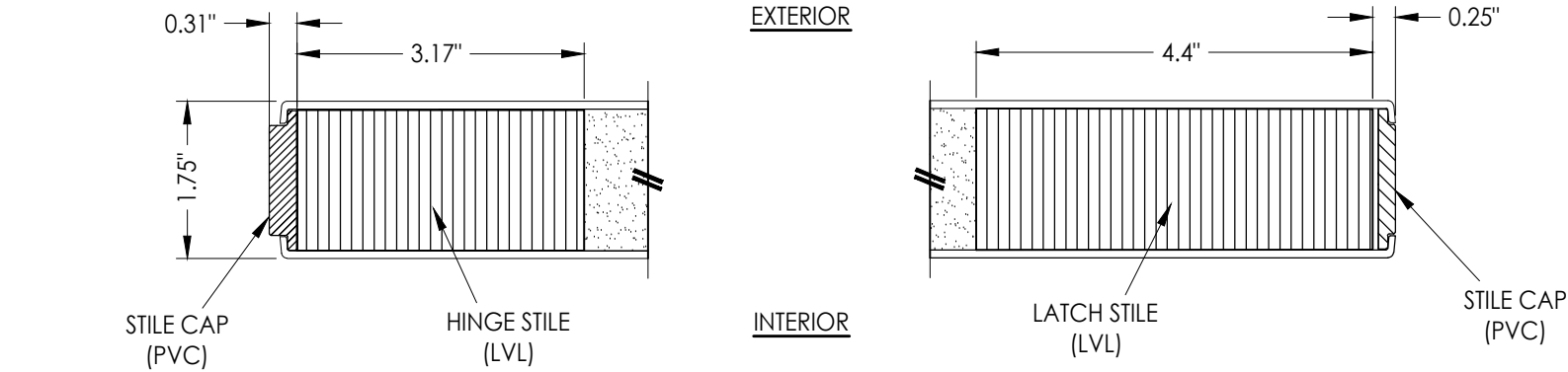
DRAWING NO.: FL-25575.15

SHEET 1 OF 13

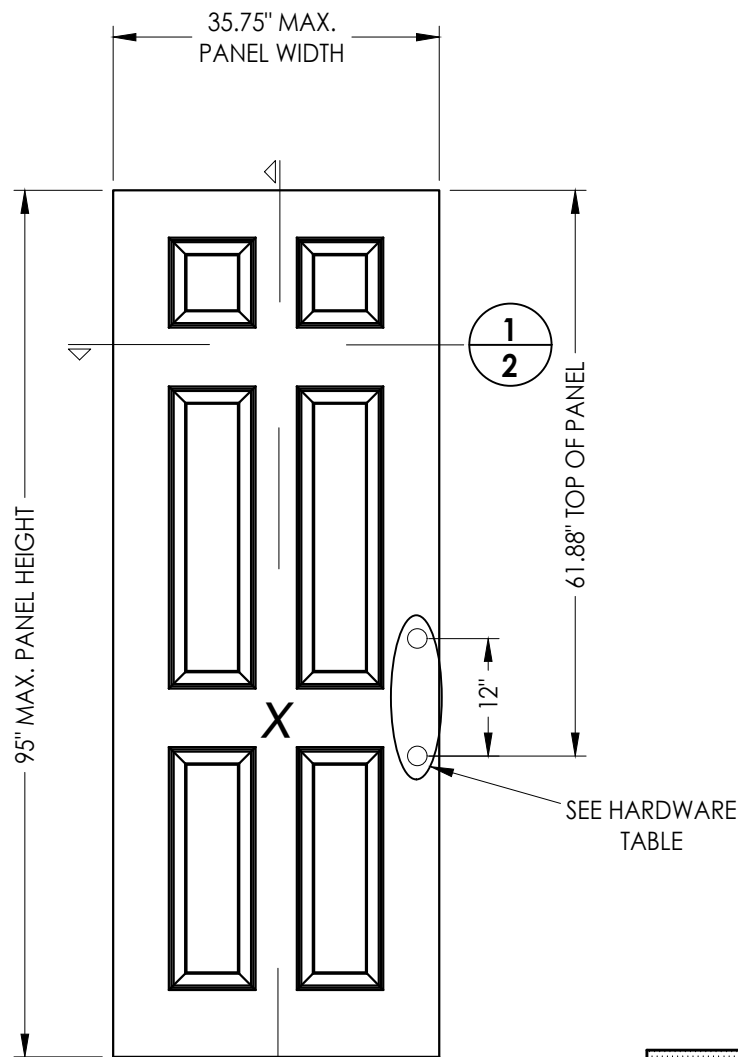
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

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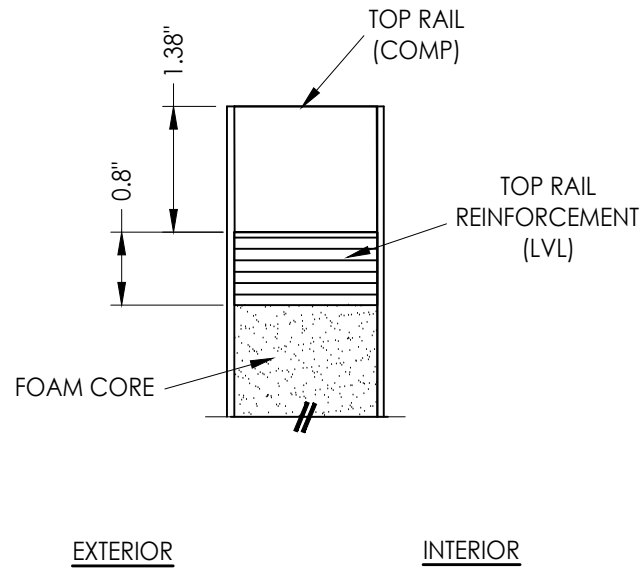
1
2 **HORIZONTAL CROSS SECTION**



40 **OPAQUE DOOR PANEL**
Fiberglass

DOOR SKIN: 0.085" MIN. THK. FIBERGLASS
CORE MATERIAL: POLYURETHANE FOAM

HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	KNOB:	F SERIES
	DEADBOLT:	B60 SERIES



2
2 **VERTICAL CROSS SECTION**

Documents Prepared By:
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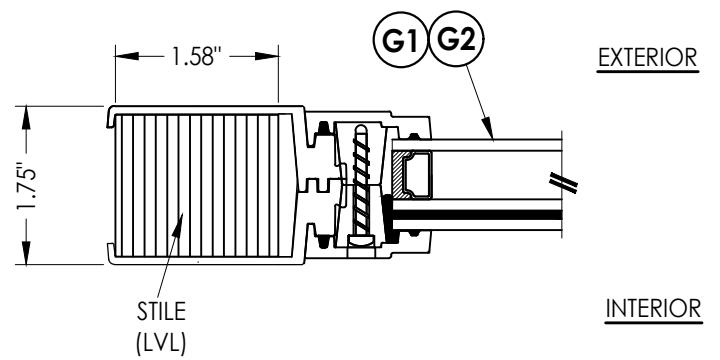
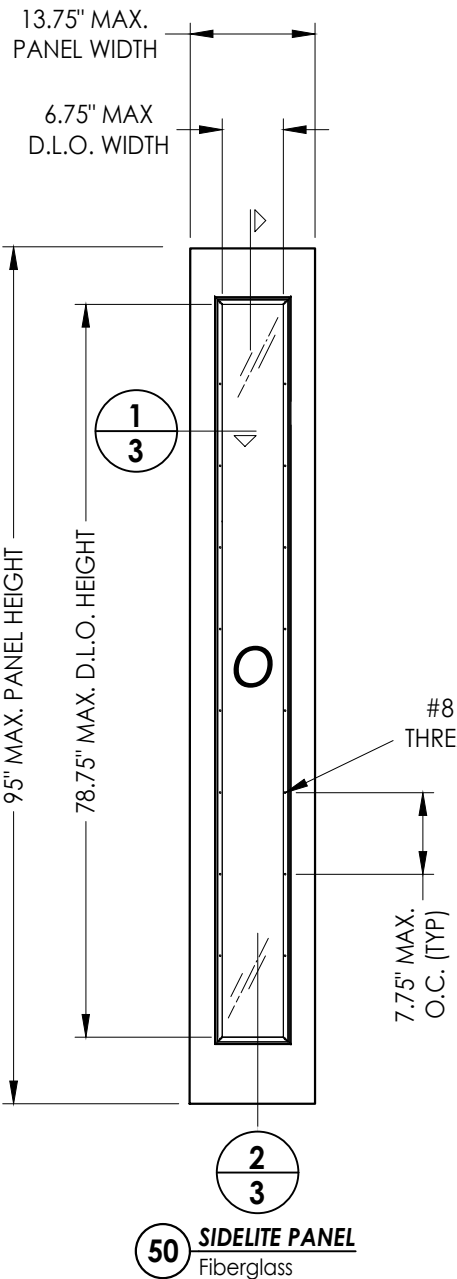
PRODUCT: TRINITY GLASS INT'L

PART OR ASSEMBLY: DOOR PANEL DETAILS

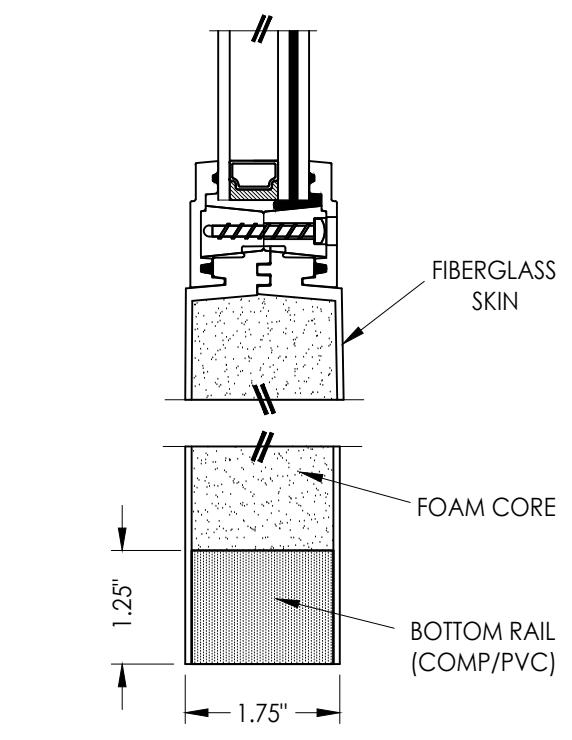
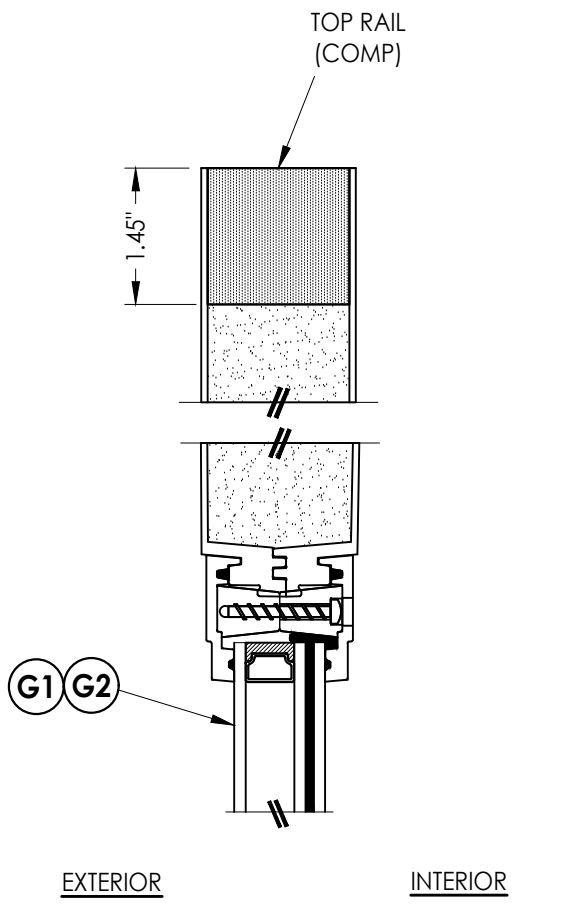
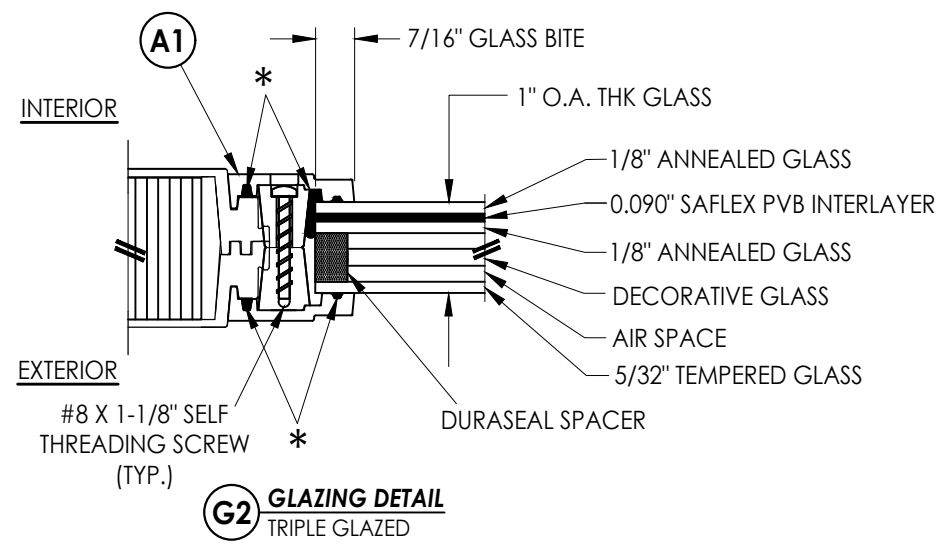
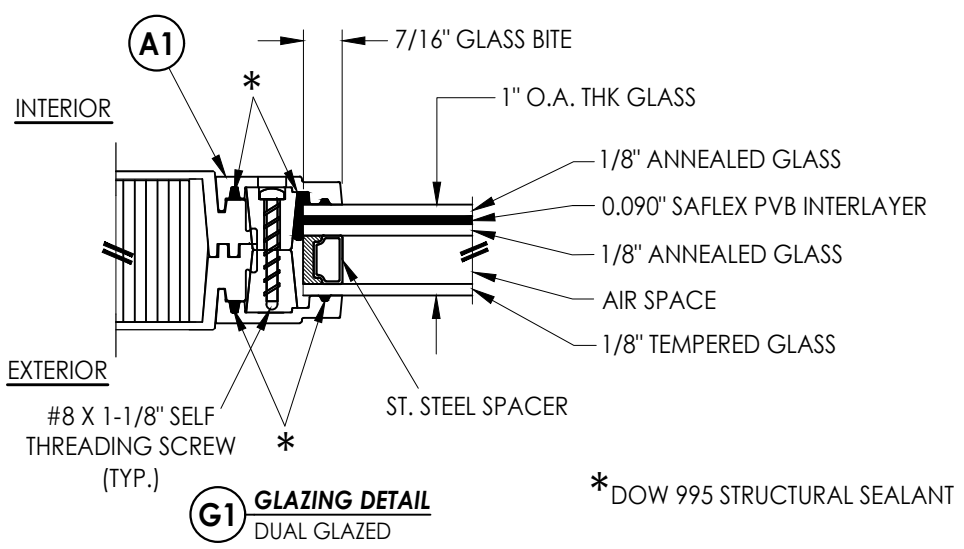
NO.	DATE	REVISIONS
2	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	8/01/23	UPDATE TO 8TH ED. (2023) FBC LFS

DATE: 3/24/21
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DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-25575.15
SHEET 2 OF 13

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1
3 HORIZONTAL CROSS SECTION



2
3 VERTICAL CROSS SECTION

DOOR SKIN: 0.075" MIN. THK. FIBERGLASS
CORE MATERIAL: POLYURETHANE FOAM

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PRODUCT:	TRINITY GLASS INT'L		PART OR ASSEMBLY:
	SIDELITE PANEL DETAILS		
		LFS	BY
		FBC	
	2	7/01/26	UPDATE TO 9TH ED. (2026)
	1	8/01/23	UPDATE TO 8TH ED. (2023)
	NO.	DATE	
REVISIONS			
DATE: 3/24/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-25575.15			
SHEET 3 OF 13			

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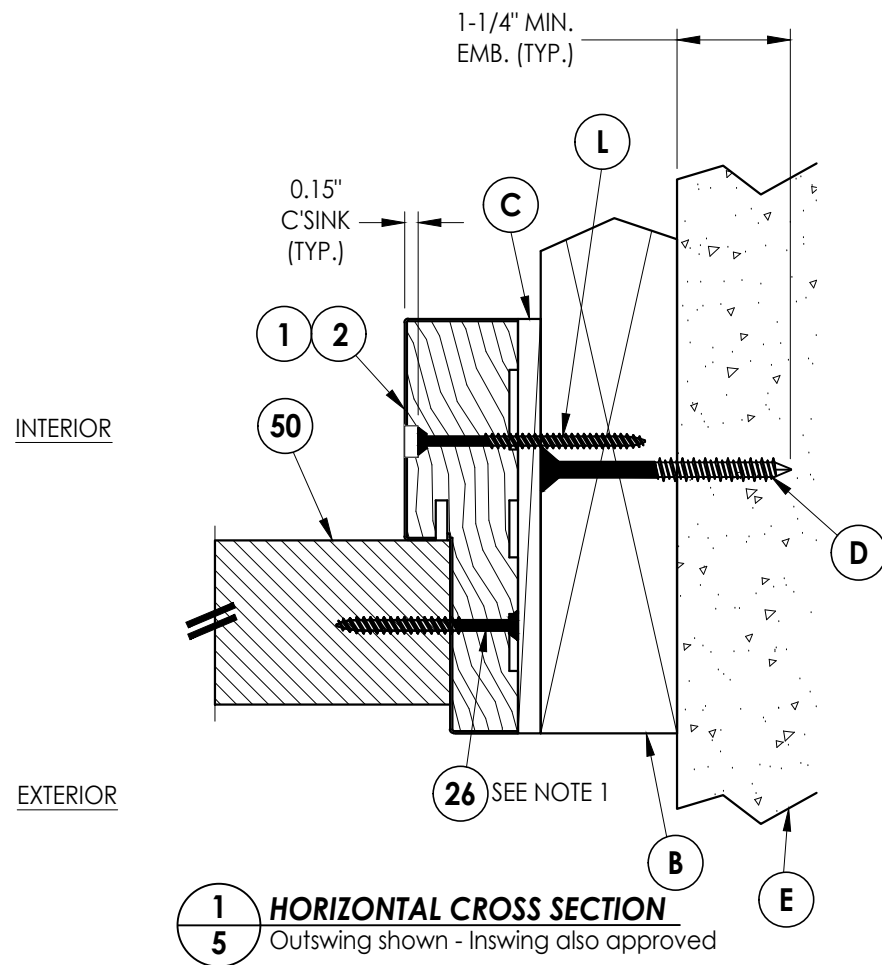
RW BUILDING CONSULTANTS, INC.
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Technical drawing of a window assembly cross-section. The drawing shows the exterior (left) and interior (right) views of a window frame and sash. Key components and labels include:

- A**: Exterior weatherstripping or sealant.
- B**: Window frame or sash.
- C**: Window pane or glass.
- D**: Fastener or screw.
- E**: Insulation or sealant.
- F**: Window pane or glass.
- G**: Window frame or sash.
- H**: Window pane or glass.
- I**: Window frame or sash.
- J**: Window pane or glass.
- K**: Window frame or sash.
- L**: Window pane or glass.
- M**: Window frame or sash.
- N**: Window pane or glass.
- O**: Window frame or sash.
- P**: Window pane or glass.
- Q**: Window frame or sash.
- R**: Window pane or glass.
- S**: Window frame or sash.
- T**: Window pane or glass.
- U**: Window frame or sash.
- V**: Window pane or glass.
- W**: Window frame or sash.
- X**: Window pane or glass.
- Y**: Window frame or sash.
- Z**: Window pane or glass.
- 1**: Window frame or sash.
- 2**: Window pane or glass.
- 3**: Window frame or sash.
- 4**: Window pane or glass.
- 5**: Window frame or sash.
- 6**: Window pane or glass.
- 7**: Window frame or sash.
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- 92**: Window pane or glass.
- 93**: Window frame or sash.
- 94**: Window pane or glass.
- 95**: Window frame or sash.
- 96**: Window pane or glass.
- 97**: Window frame or sash.
- 98**: Window pane or glass.
- 99**: Window frame or sash.
- 100**: Window pane or glass.

NOTE:

1. Item #26 located 6" from each end plus 5 more equally spaced (7 total).

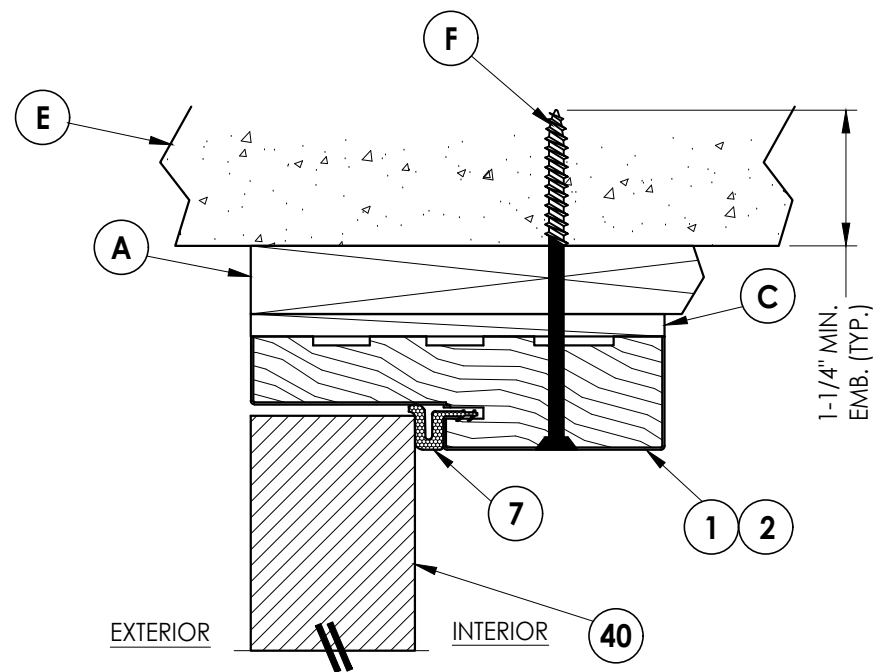


1 **HORIZONTAL CROSS SECTION**
5 Outswing shown - Inswing also approved

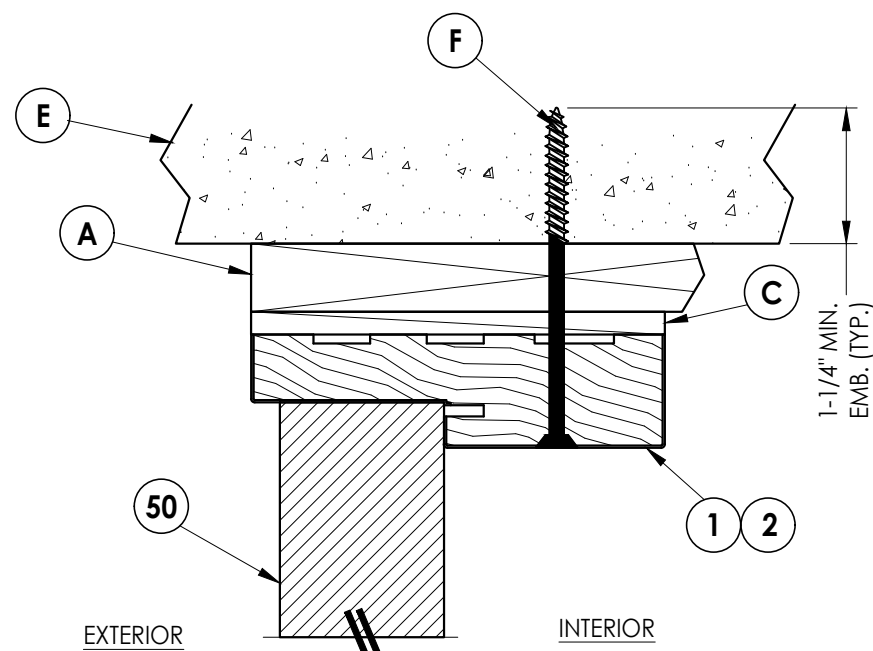
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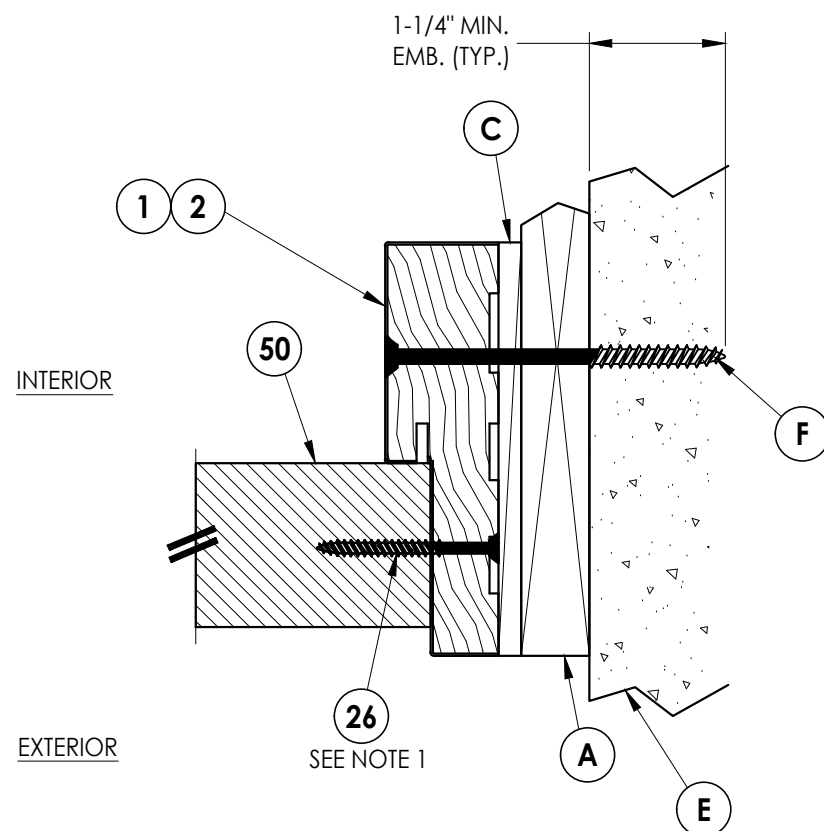
2 **VERTICAL CROSS SECTION**
6 Outswing shown - Inswing also approved



3 **VERTICAL CROSS SECTION**
6 Outswing shown - Inswing also approved

NOTE:

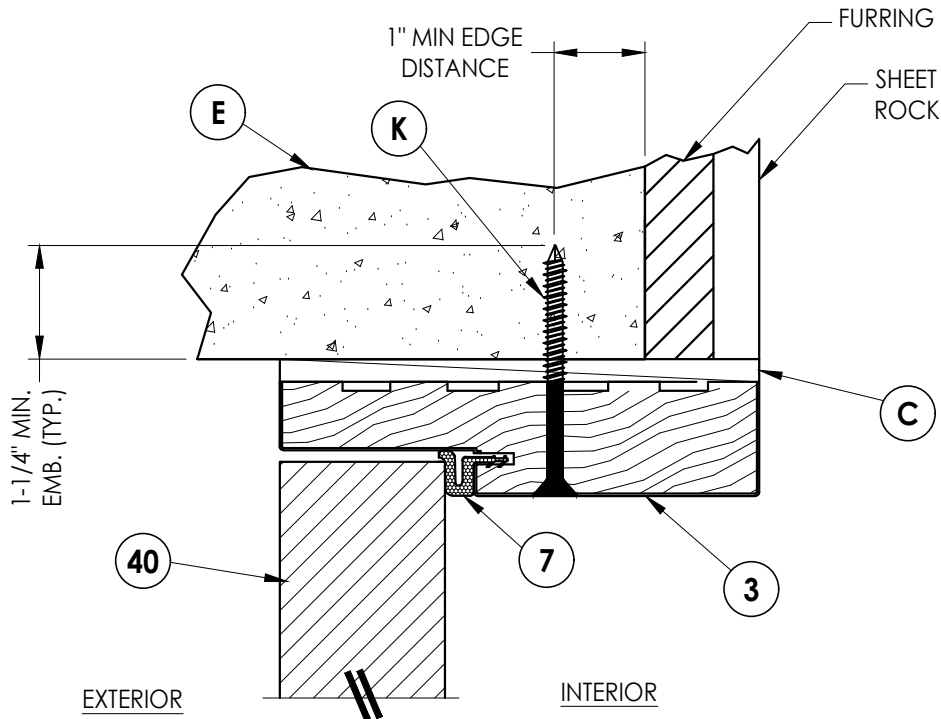
1. Item #26 located 6" from each end plus 5 more equally spaced (7 total).



1 **HORIZONTAL CROSS SECTION**
6 Outswing shown - Inswing also approved

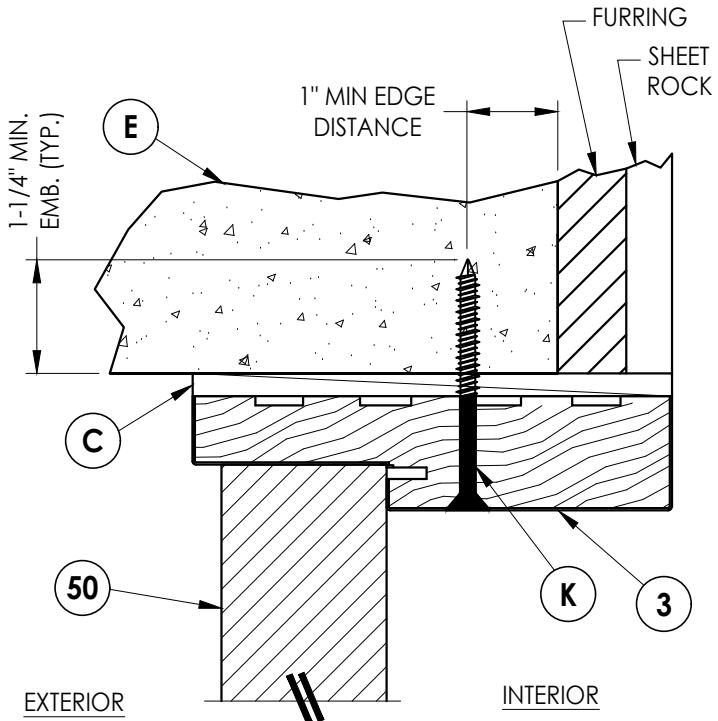
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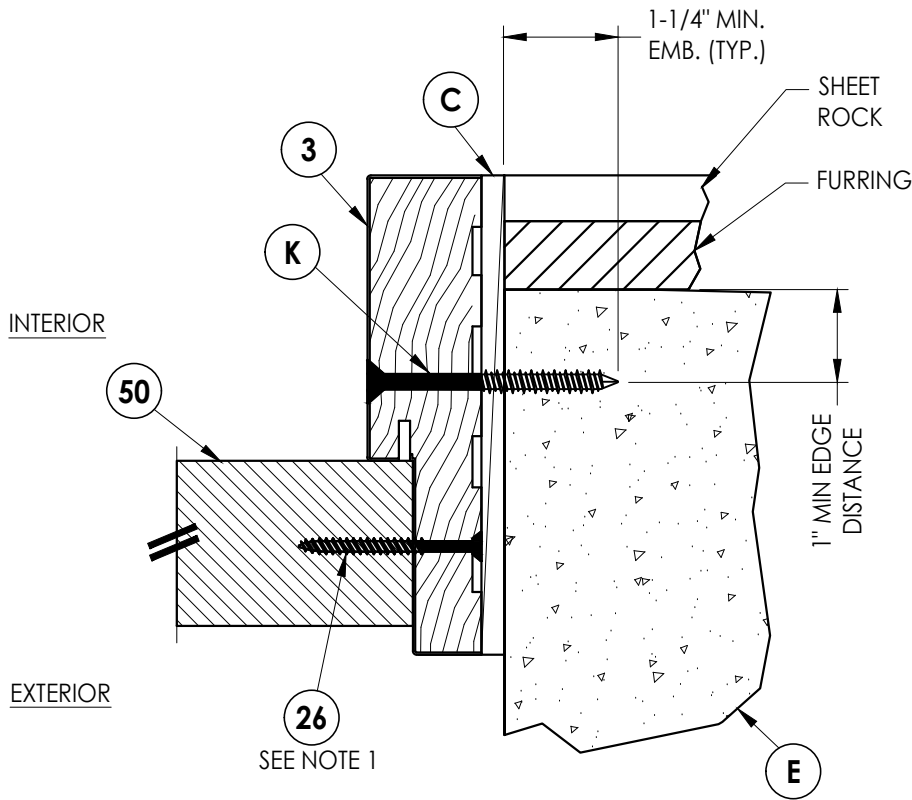


2
7 VERTICAL CROSS SECTION
Outswing only

NOTE:
1. Item #26 located 6" from each end plus 5 more equally spaced (7 total).



3
7 VERTICAL CROSS SECTION
Outswing only



1
7 HORIZONTAL CROSS SECTION
Outswing only

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FBPE Registry No. 9813

PRODUCT: TRINITY GLASS INT'L

PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
2	7/01/26	UPDATE TO 9TH ED. (2026) FBC
1	8/01/23	UPDATE TO 8TH ED. (2023) FBC
		BY

DATE: 3/24/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-25575.15

SHEET 7 OF 13



1 **HORIZONTAL CROSS SECTION**
8 Outswing shown - Inswing also approved



2 **HORIZONTAL CROSS SECTION**
8 Outswing shown - Inswing also approved



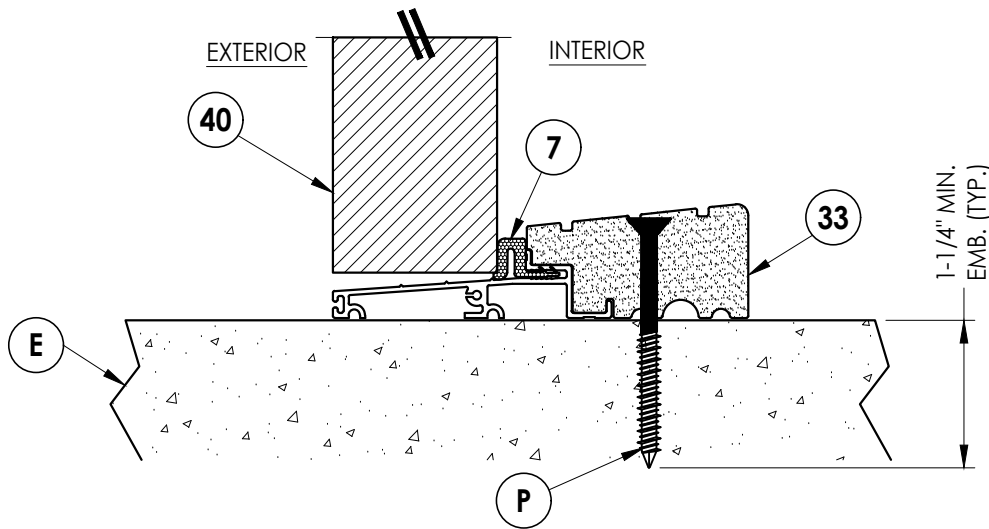
3 **HORIZONTAL CROSS SECTION**
8 Outswing shown - Inswing also approved

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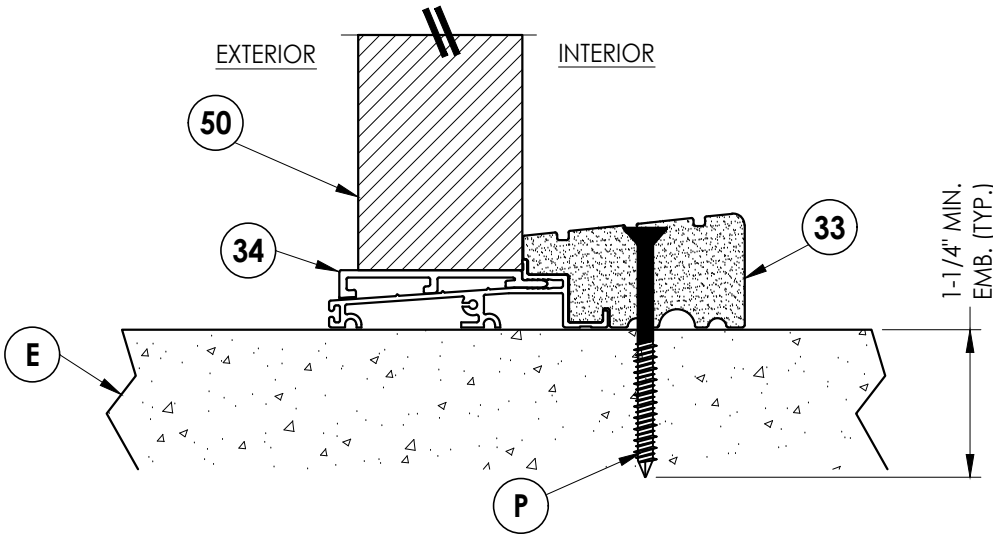
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Phone No.: 813.659.9197
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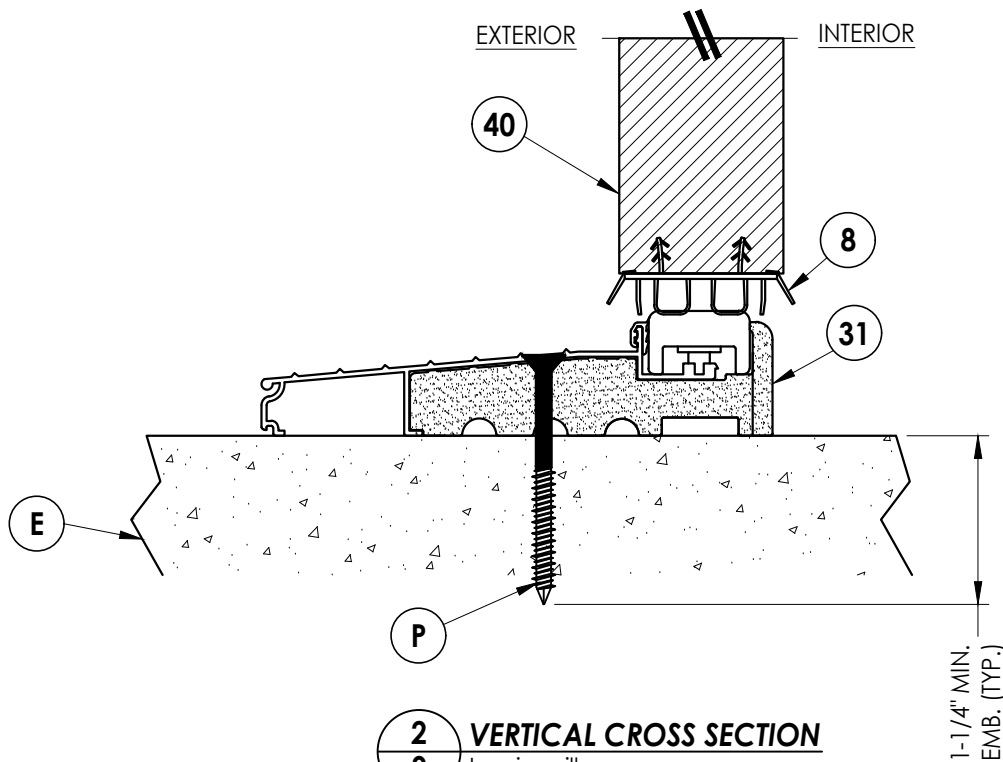
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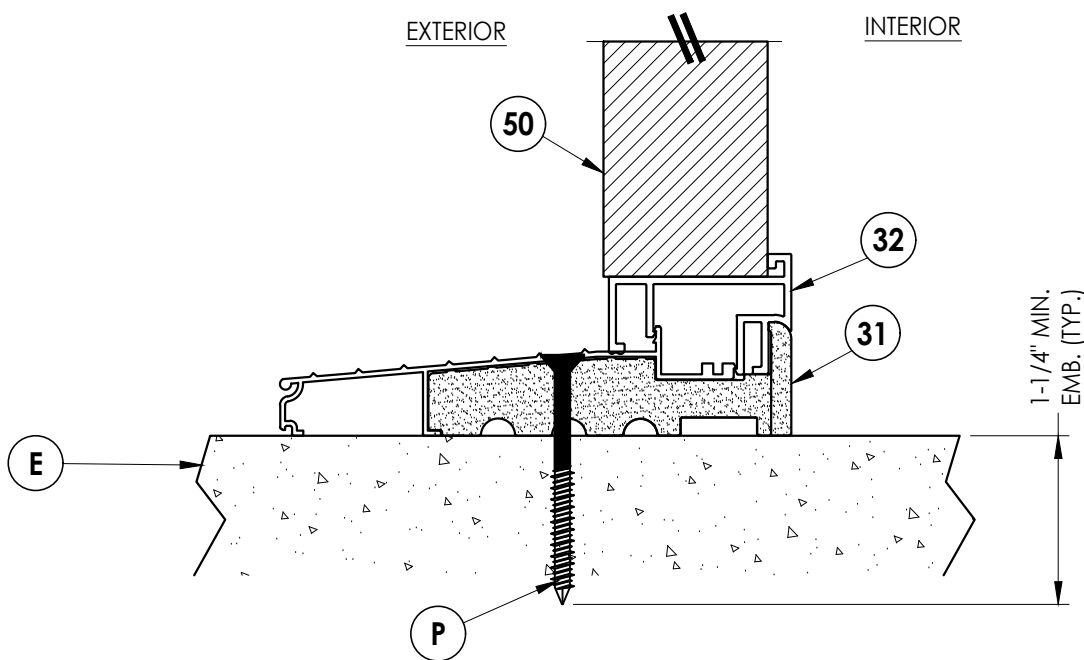
1
9 **VERTICAL CROSS SECTION**
Outswing sill - high dam



3
9 **VERTICAL CROSS SECTION**
Outswing sill - high dam



2
9 **VERTICAL CROSS SECTION**
Inswing sill



4
9 **VERTICAL CROSS SECTION**
Inswing sill

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: TRINITY GLASS INT'L

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
2	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	8/01/23	UPDATE TO 8TH ED. (2023) FBC LFS

DATE: 3/24/21

SCALE: N.T.S.

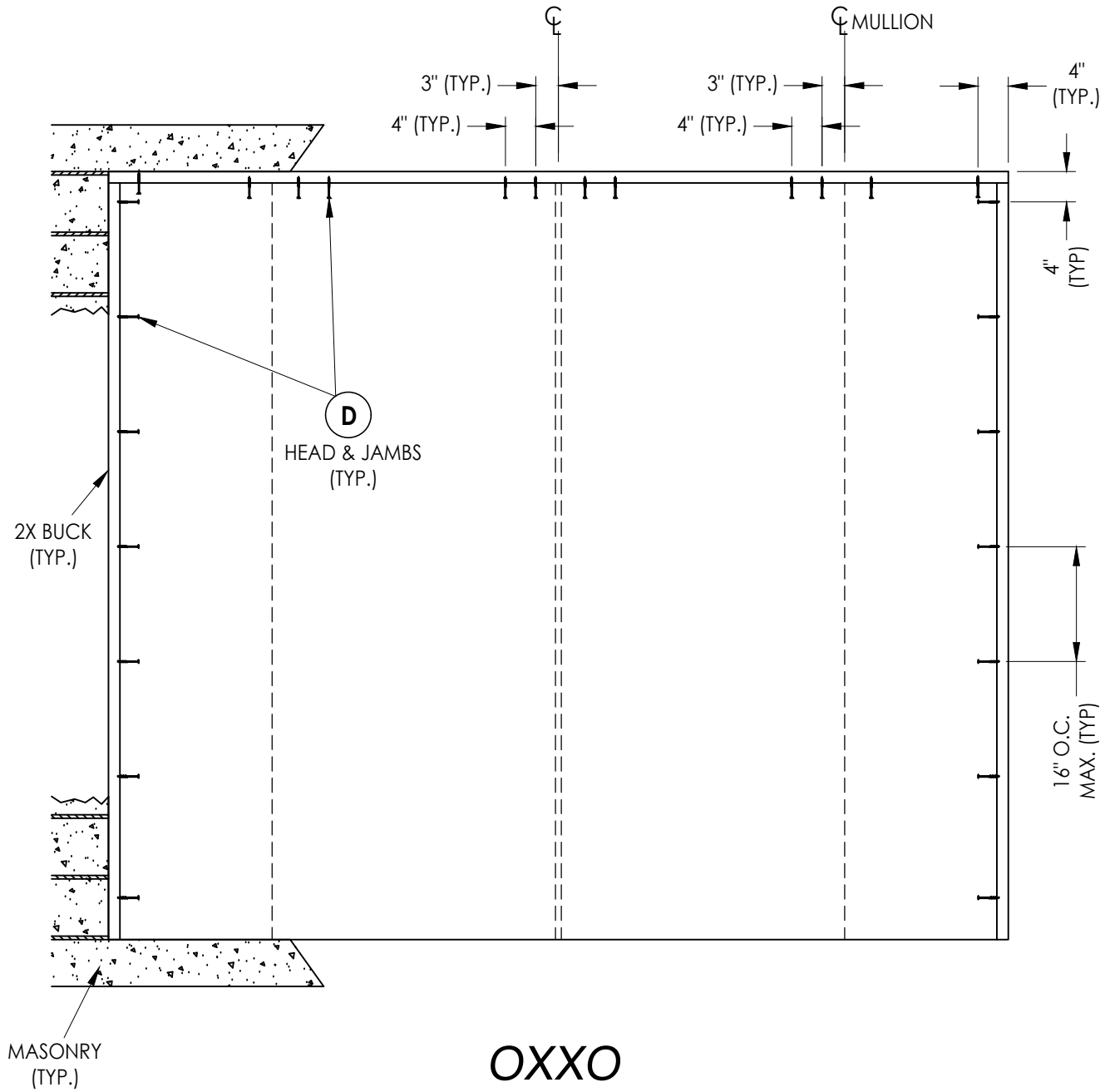
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CHK. BY: LFS

DRAWING NO.:
FL-25575.15

SHEET 9 OF 13

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2X BUCK ANCHORING

DATE:	3/24/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-25575.15
SHEET	10 of 13

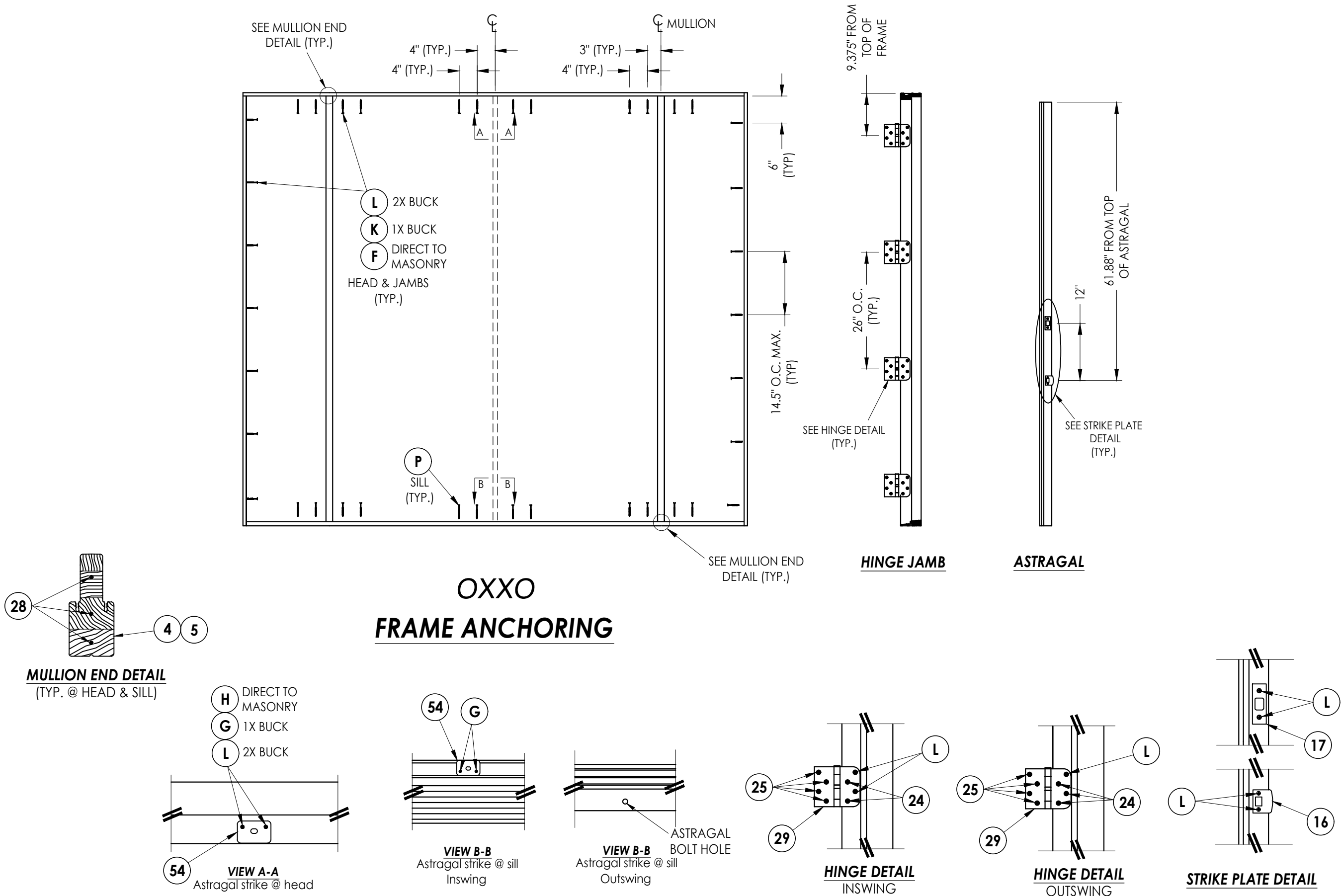
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1	8/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
NO.	DATE				BY
REVISIONS					

PRODUCT:	TRINITY GLASS INT'L
PART OR ASSEMBLY:	BUCK ANCHORING

Documents Prepared By:
Lyndon F. Schmidt
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BUILDING CONSULTANTS, INC.
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PRODUCT: TRINITY GLASS INT'L

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
2	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
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DATE: 3/24/21

SCALE: N.T.S.

DWG. BY: RW

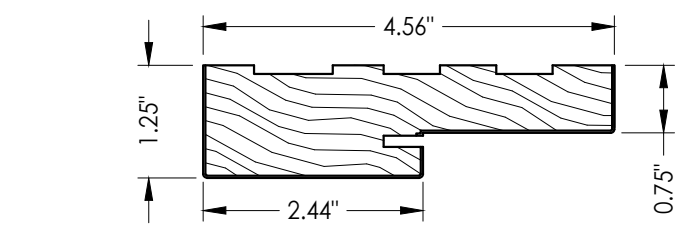
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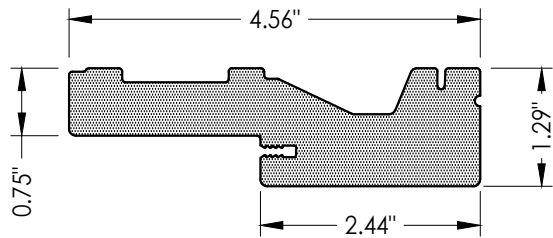
FL-25575.15

SHEET 11 OF 13

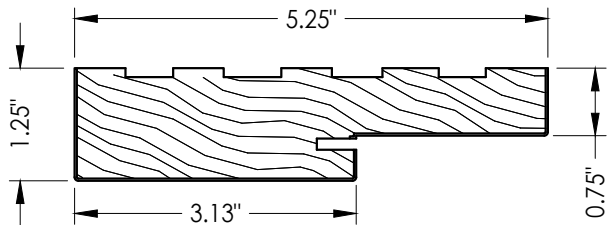
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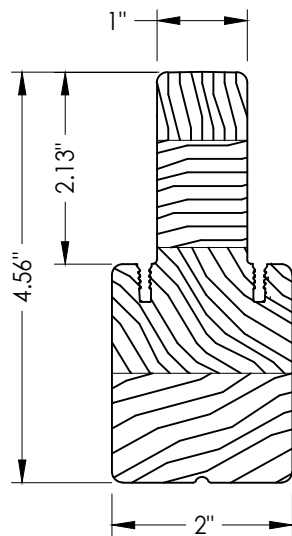
1 FINGER JOINT PINE JAMB



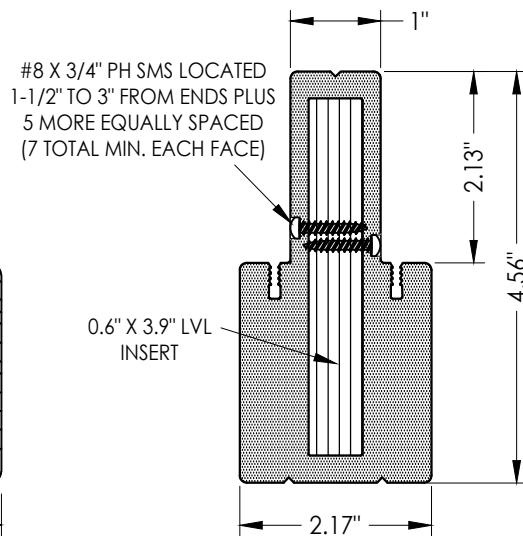
2 HEAD AND JAMBS
PVC



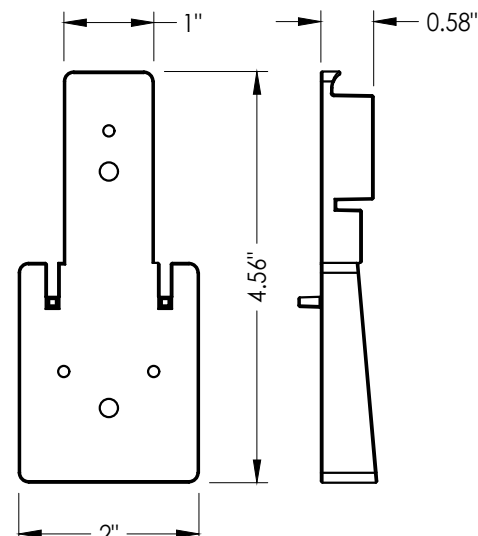
3 FINGER JOINT PINE JAMB



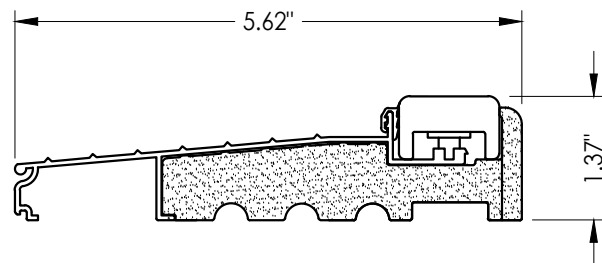
4 INTEGRAL MULLION
PINE



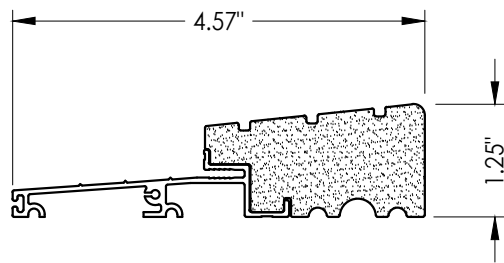
5 INTEGRAL MULLION
PVC/LVL



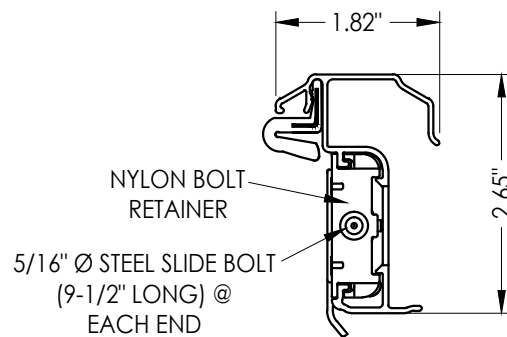
6 INTEGRAL MULLION BASE KIT
Optional



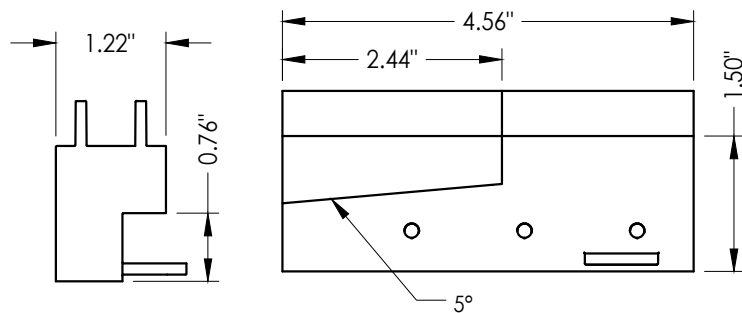
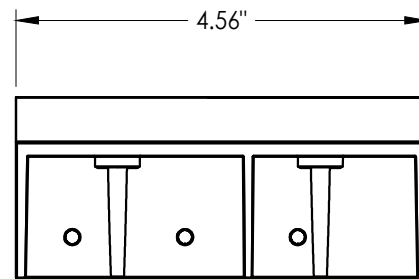
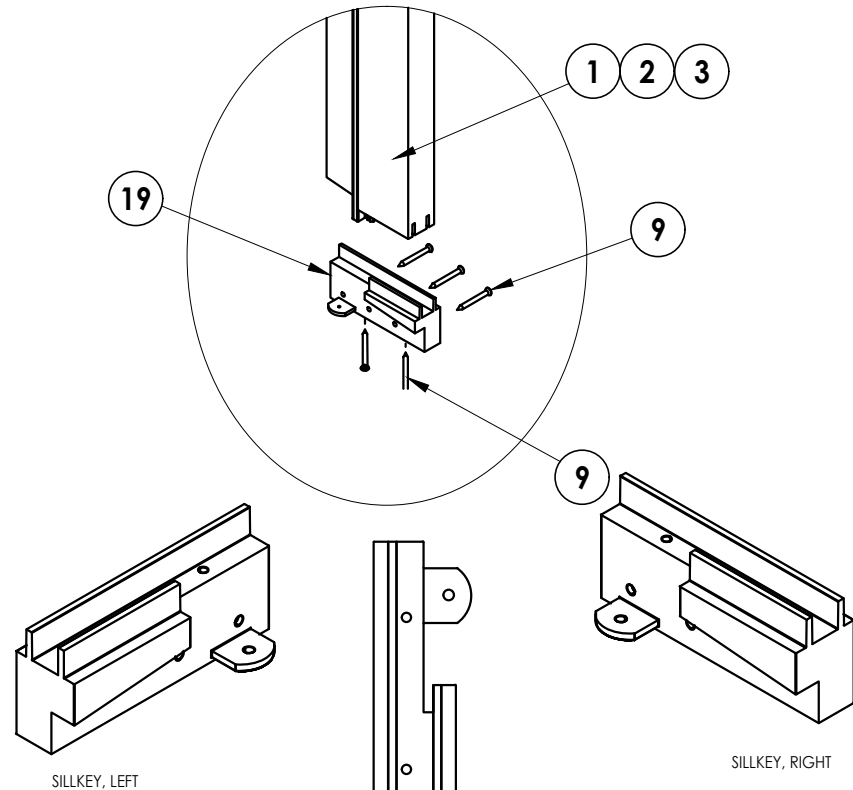
31 INSWING THRESHOLD



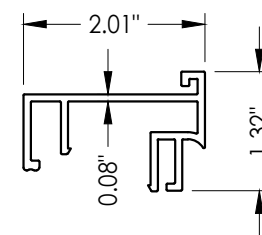
33 OUTSWING THRESHOLD
High-dam



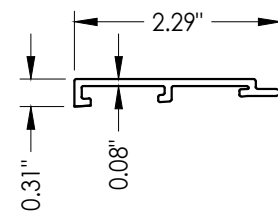
53 ULTIMATE HURRICANE ASTRAGAL
Endura Products



19 SILLKEY DETAILS
Optional



32 SIDELITE SPACER
Inswing



34 SIDELITE SPACER
Outswing

Documents Prepared By:
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RW BUILDING CONSULTANTS, INC.
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PRODUCT:
TRINITY GLASS INT'L

PART OR ASSEMBLY:
COMPONENTS

NO.	DATE	REVISIONS
2	7/01/26	UPDATE TO 9TH ED. (2026) FBC
1	8/01/23	UPDATE TO 8TH ED. (2023) FBC
NO.	DATE	BY

DATE: 3/24/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-25575.15

SHEET 12 OF 13

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON®	1/4"	1-1/4"	1"	4"

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

[illegible]