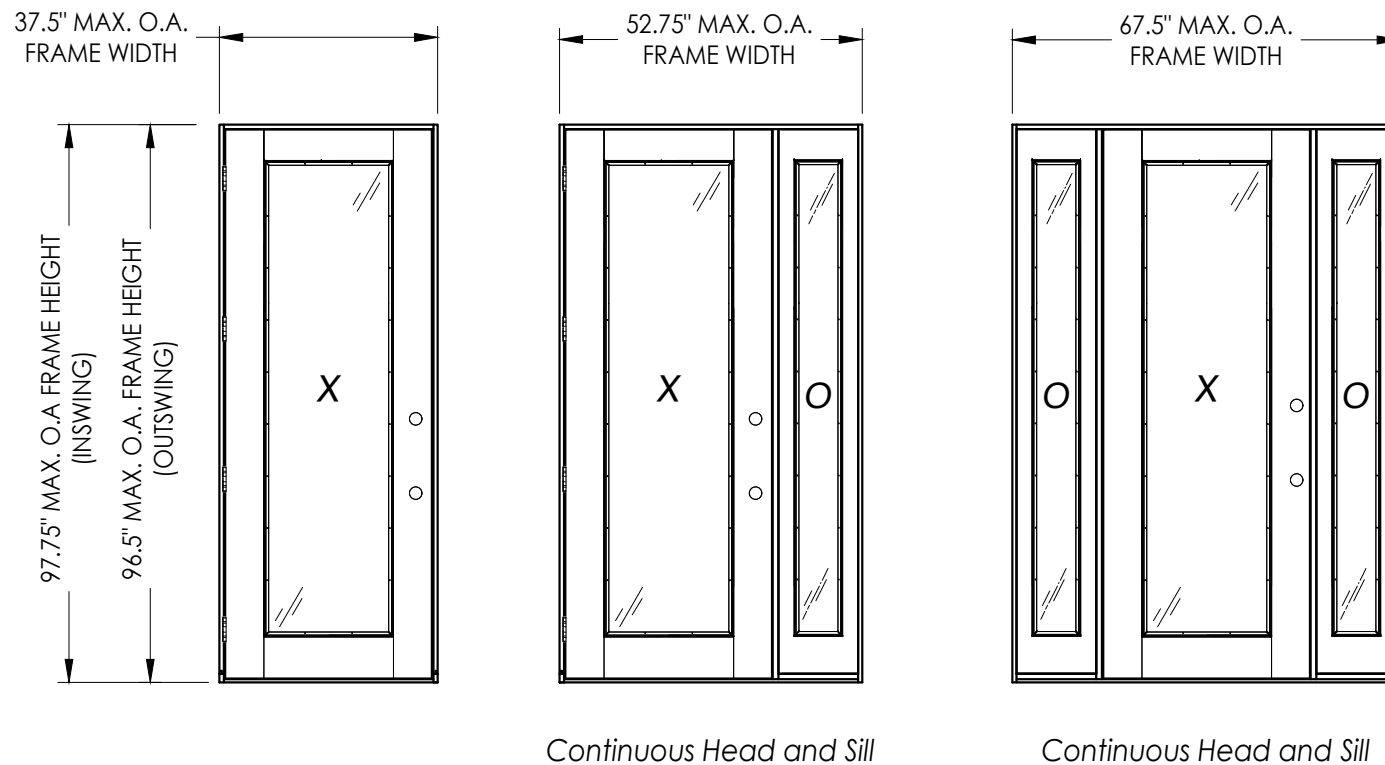


GENERAL NOTES

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.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel details
4	Elevations
5	Horizontal & vertical cross sections (2X buck)
6	Horizontal & vertical cross sections (1X buck)
7	Horizontal & 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	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X, OX, XO, OXO	+40.0	-45.0	+45.0	-45.0

L7Schmidt



A circular professional engineer seal for the State of Florida. The outer ring contains the text "L. F. SCHMIDT" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "LICENSE" at the top, "No. 43409" in the center, and "STATE OF FLORIDA" at the bottom, also separated by two stars. The seal is surrounded by a series of short, radiating lines.

Digitally signed by Lyndon F
Schmidt
Date: 2026.07.26 10:47:28 -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

R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 334
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: TRINITY GLASS INT'L

PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

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

DATE: 4/15/21

SCALE: *N.T.S.*

DWG. BY: *RW*

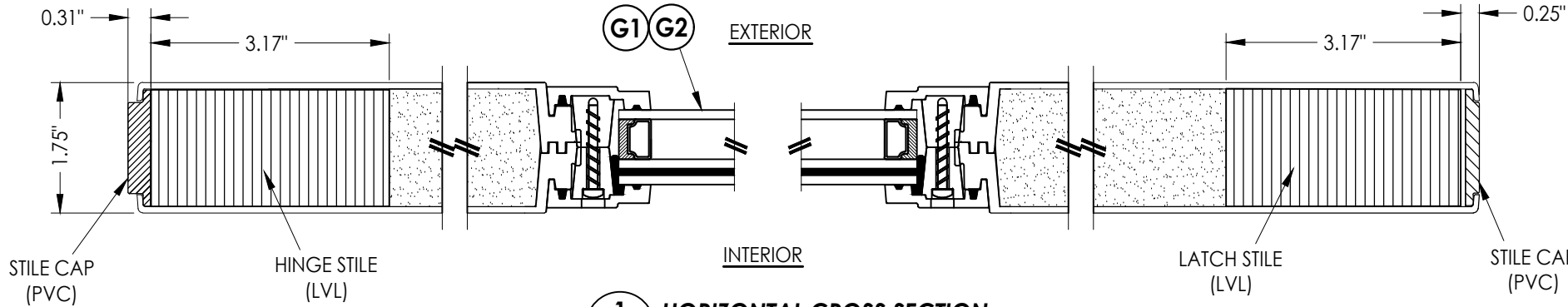
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DRAWING NO.:

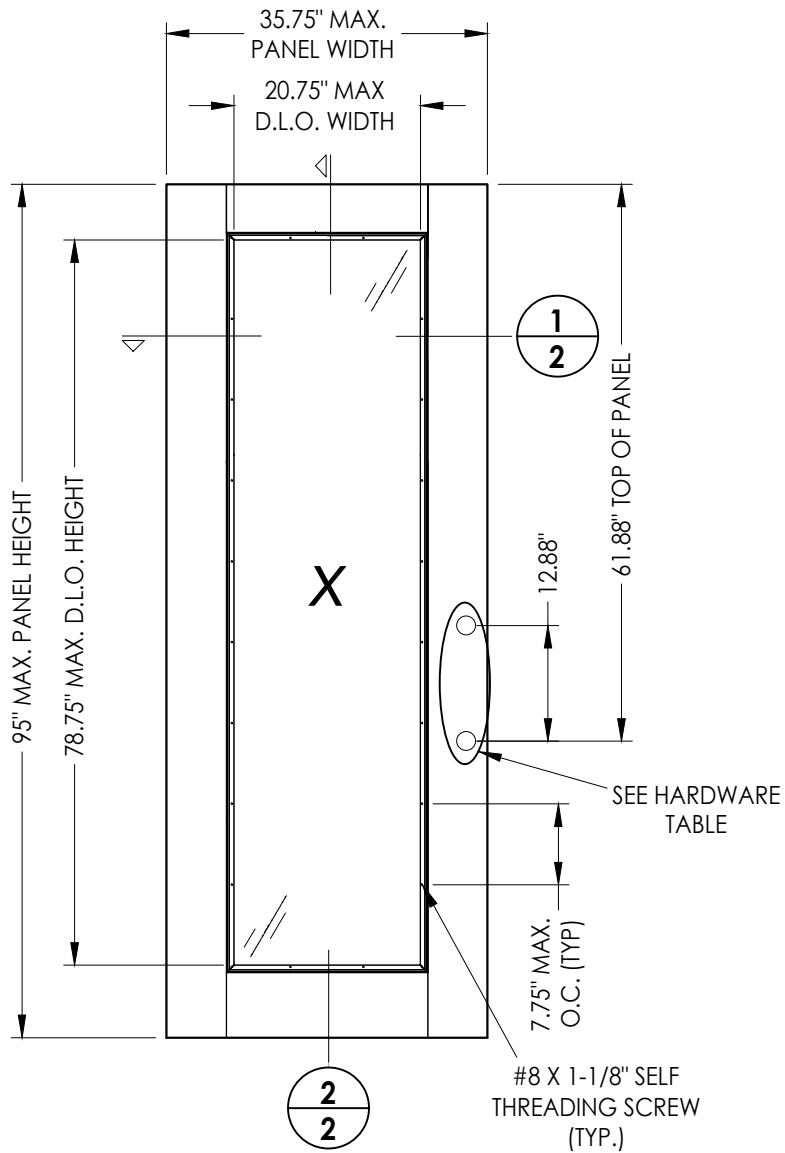
FL-25575.16

SHEET 1 OF 13

G:\2023 FBC Drawings 7-20-26\Trinity Glass International\FL-25575 R6\FL-25575.16.dwg

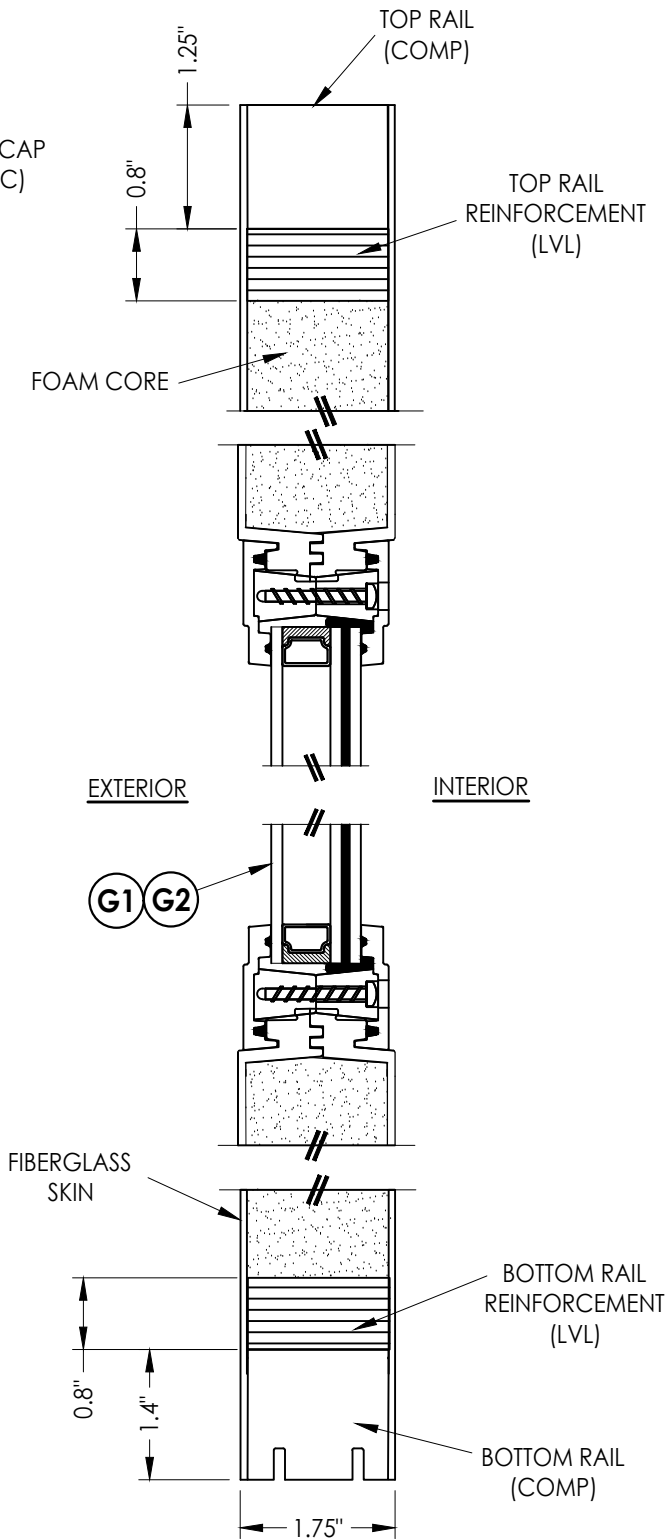


1
2 **HORIZONTAL CROSS SECTION**



40 **GLAZED DOOR PANEL**
Fiberglass

HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	Knob:	SIGNATURE SERIES
	Deadbolt:	SIGNATURE SERIES (980)
SCHLAGE	Knob:	F SERIES
	Deadbolt:	B60 SERIES



2
2 **VERTICAL CROSS SECTION**

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Lyndon F. Schmidt
P.E. No. 43409

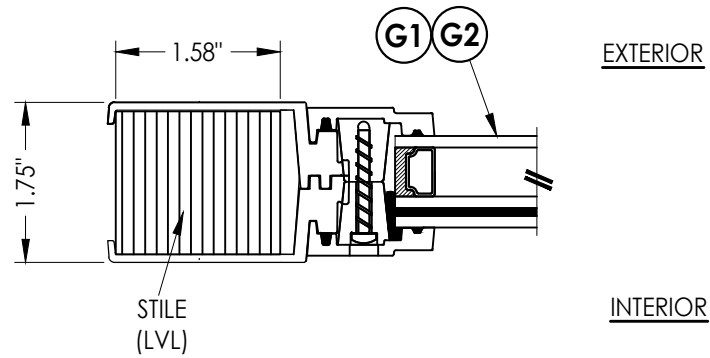
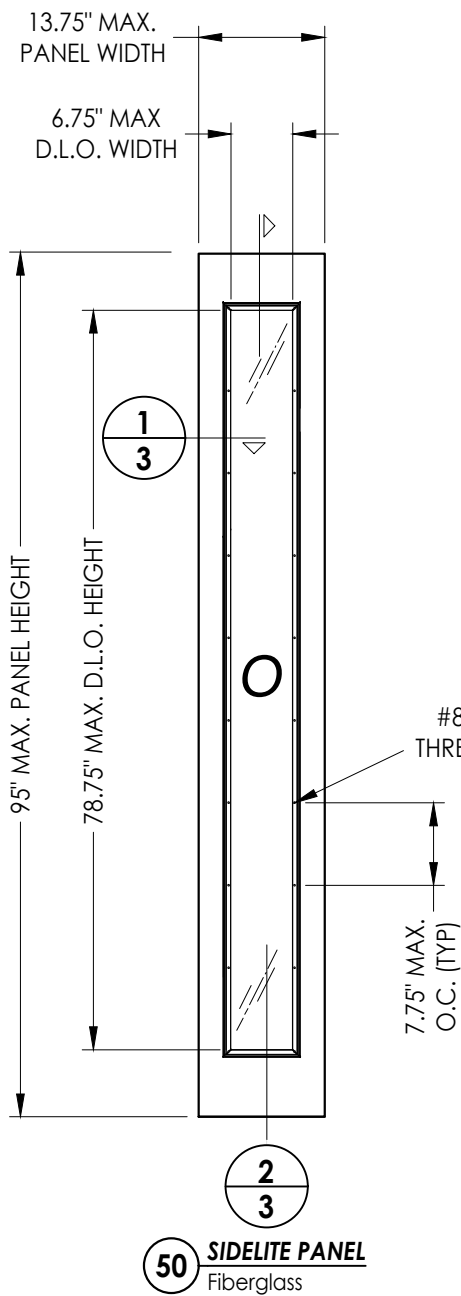
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		TRINITY GLASS INT'L	
PART OR ASSEMBLY:		DOOR PANEL DETAILS	

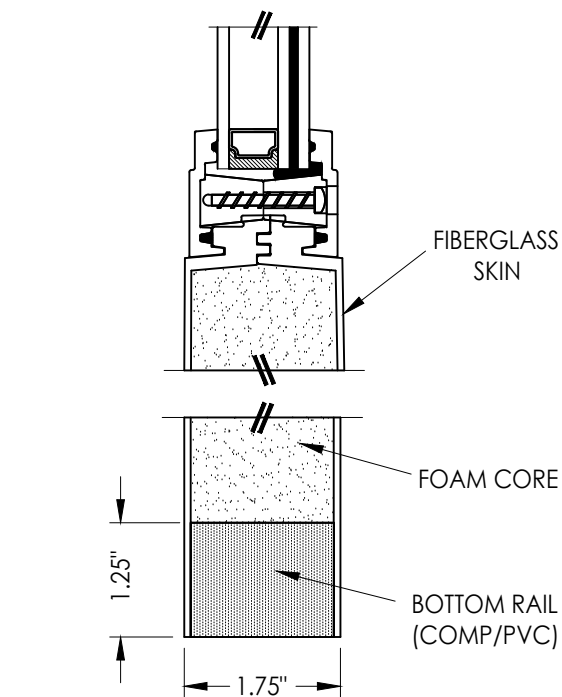
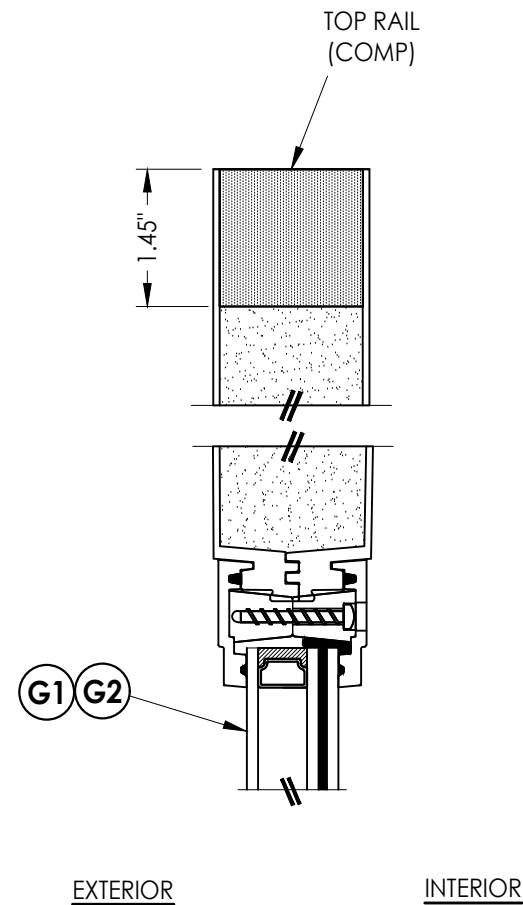
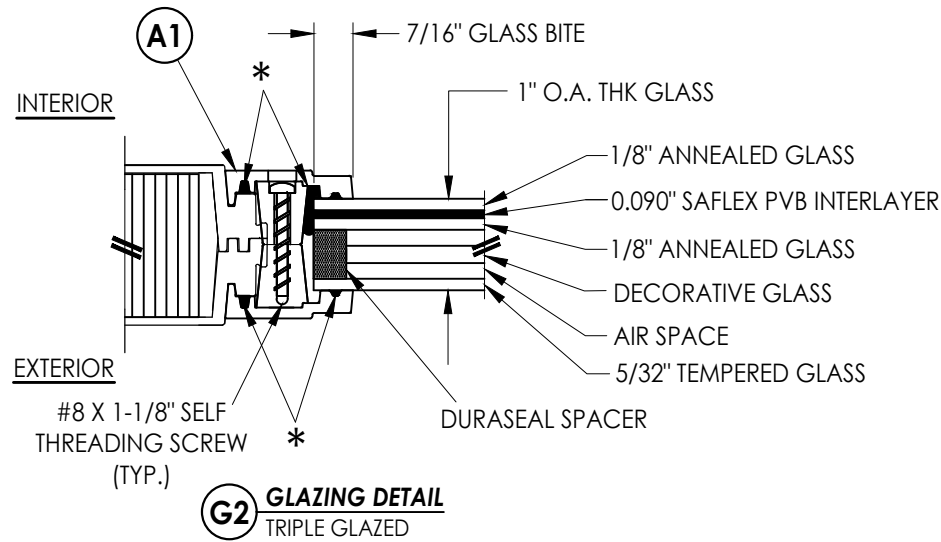
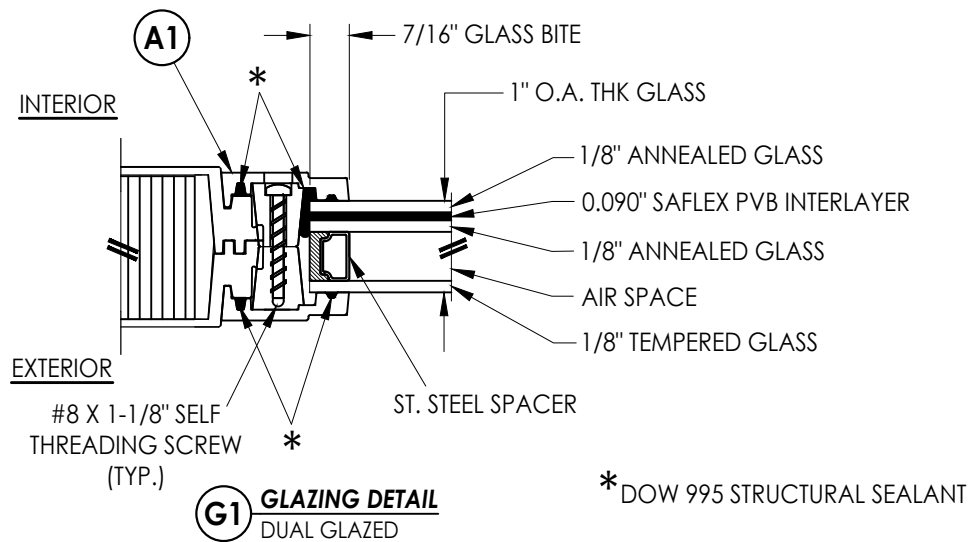
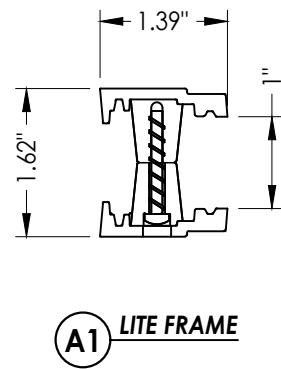
REVISIONS			
NO.	DATE	BY	REVISIONS
2	7/01/26	LFS	UPDATE TO 9TH ED. (2026) FBC
1	8/01/23	LFS	UPDATE TO 8TH ED. (2023) FBC

DATE:	4/15/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-25575.16
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

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:
SIDELITE 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: 4/15/21

SCALE: N.T.S.

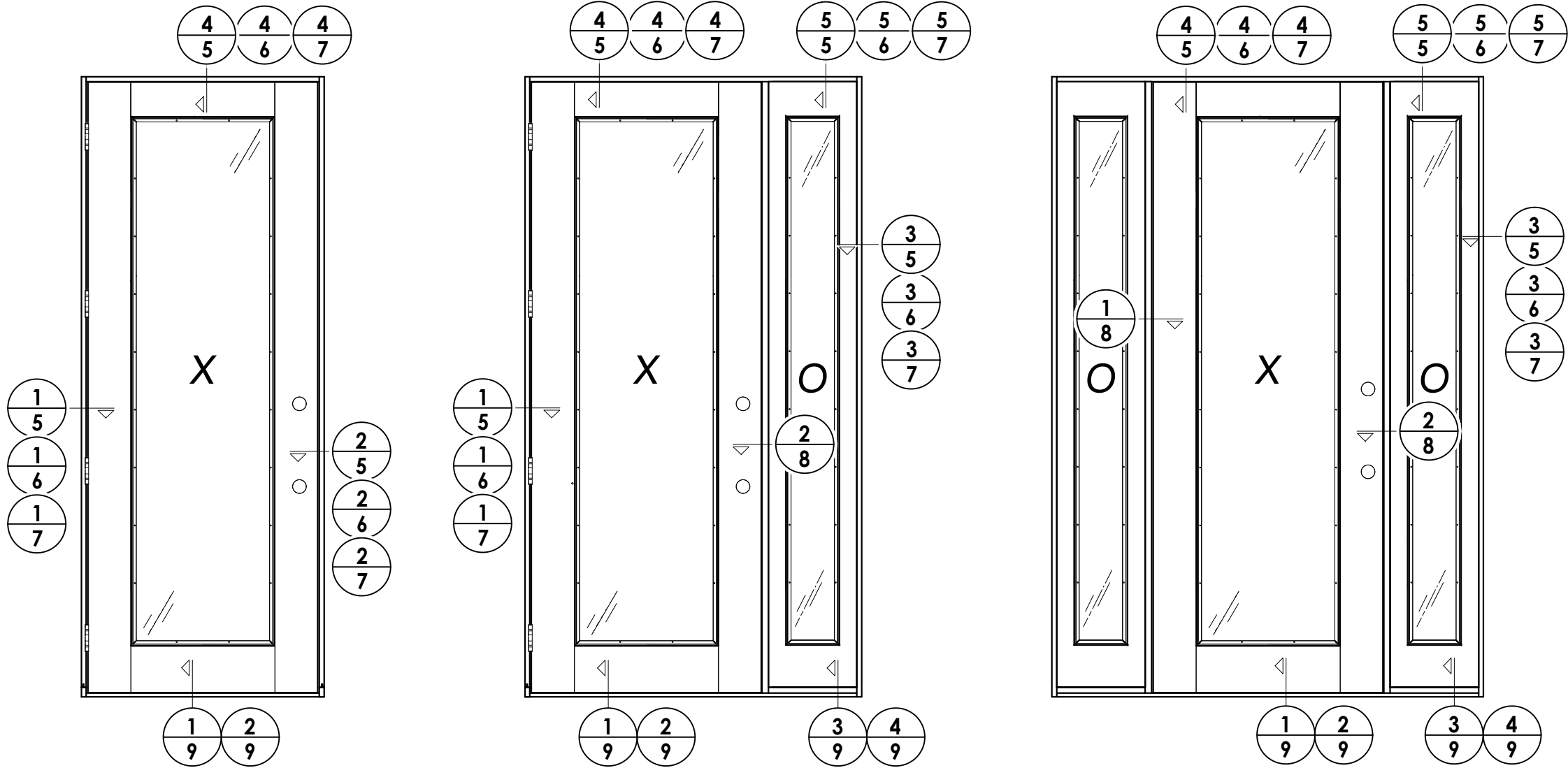
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-25575.16

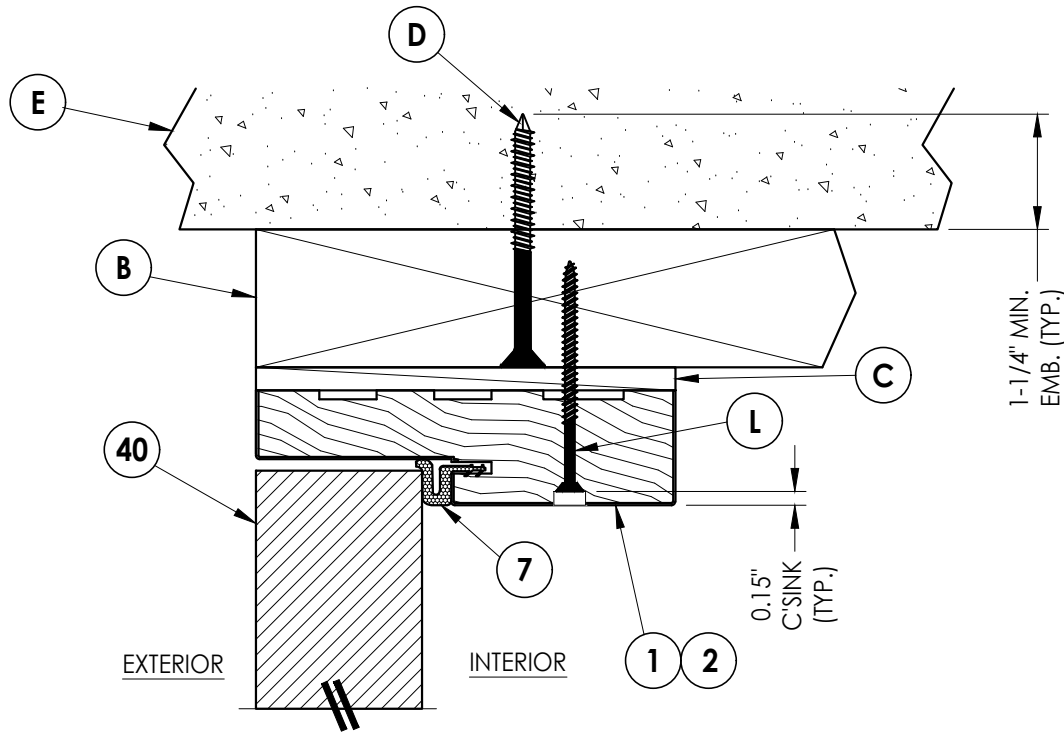
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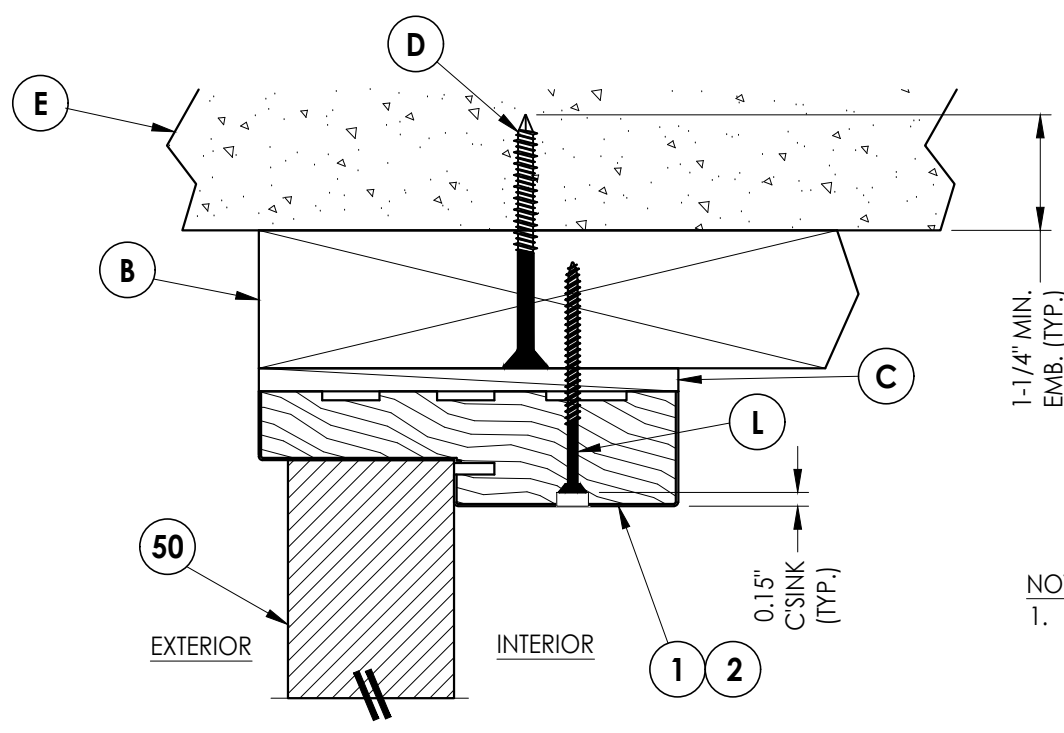


DATE: 4/15/21				DRAWING NO.: FL-25575.16				SHEET 4 OF 13			
CHK. BY: LFS				DWG. BY: RW				SCALE: N.T.S.			
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1				8/01/23				UPDATE TO 8TH ED. (2023) FBC			
NO.				DATE				BY			
								REVISIONS			
PRODUCT:				TRINITY GLASS INT'L				PART OR ASSEMBLY:			
								ELEVATIONS			
Documents Prepared By:				Lyndon F. Schmidt				P.E. No. 43409			
								BUILDING CONSULTANTS, INC.			
								P.O. Box 230, Valrico, FL 33595			
								Phone No.: 813.659.9197			
								FBPE Registry No. 9813			

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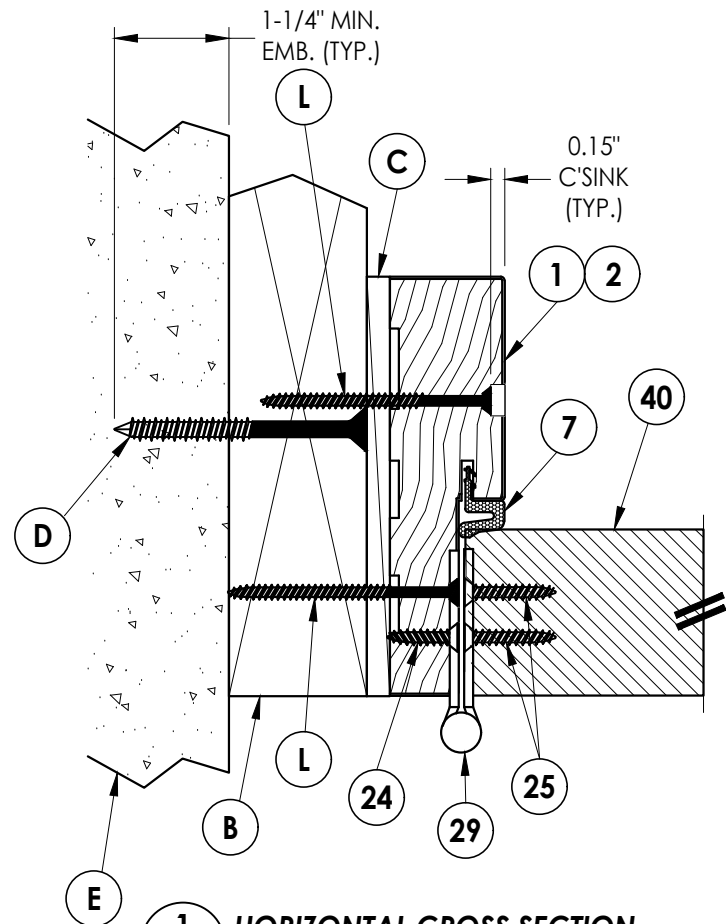


4 VERTICAL CROSS SECTION
Outswing shown - Inswing also approved

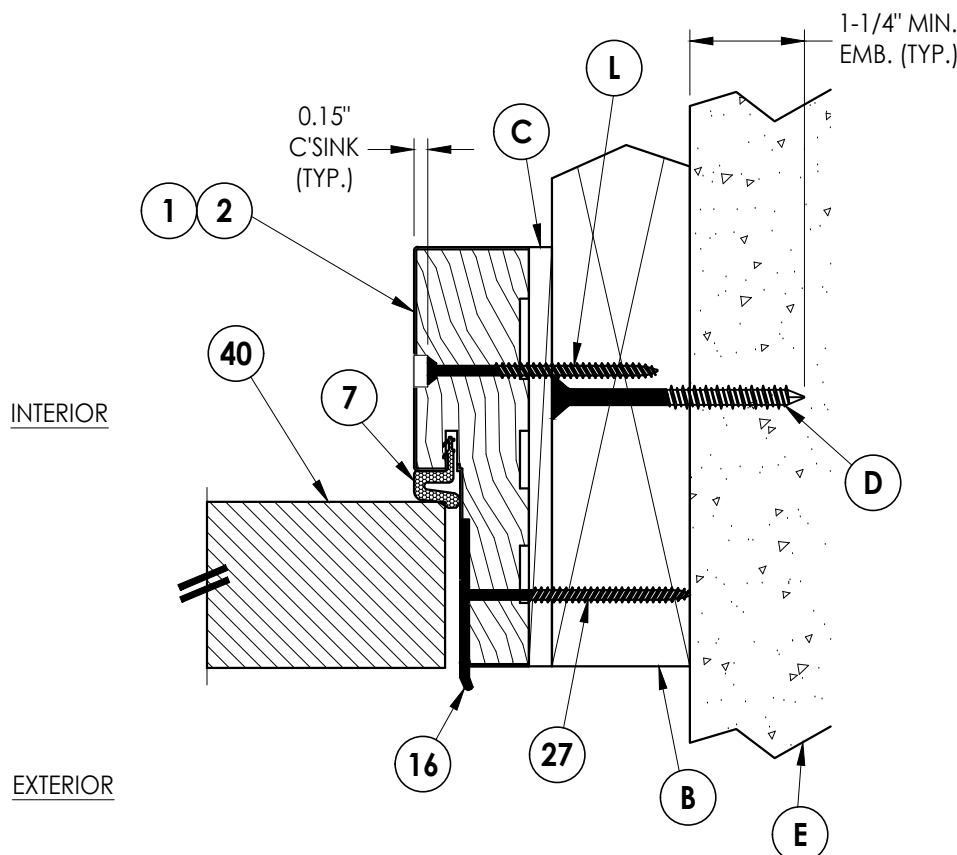


5 VERTICAL CROSS SECTION
Outswing shown - Inswing also approved

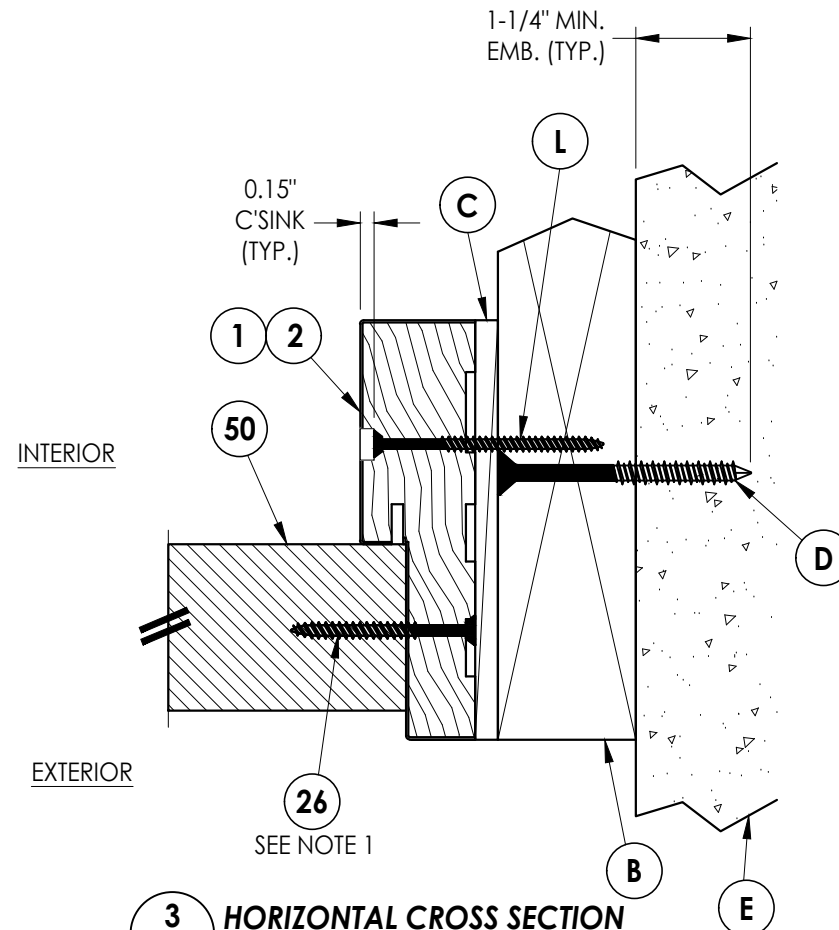
NOTE:
1. Item #26 located 6" from each end plus 5 more equally spaced (7 total).



1 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved



2 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved



3 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved

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:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

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

DATE: 4/15/21

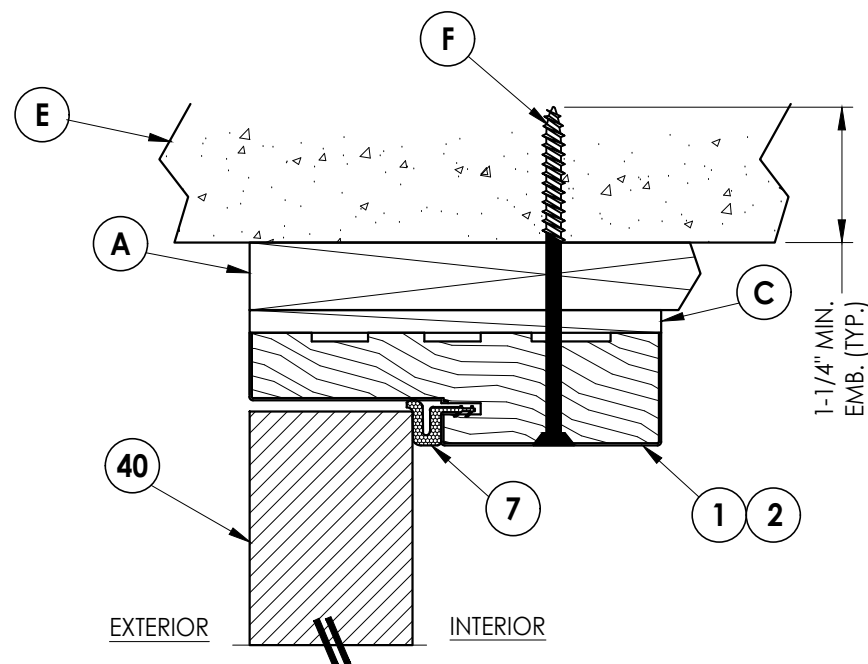
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DWG. BY: RW

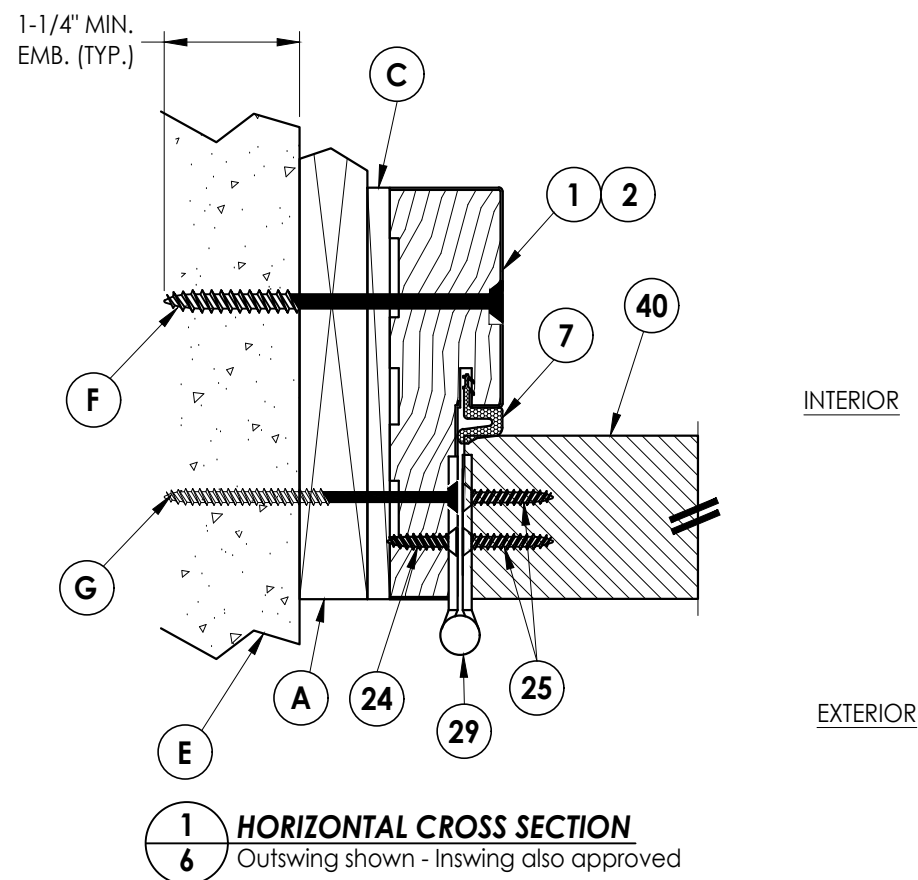
CHK. BY: LFS

DRAWING NO.: FL-25575.16

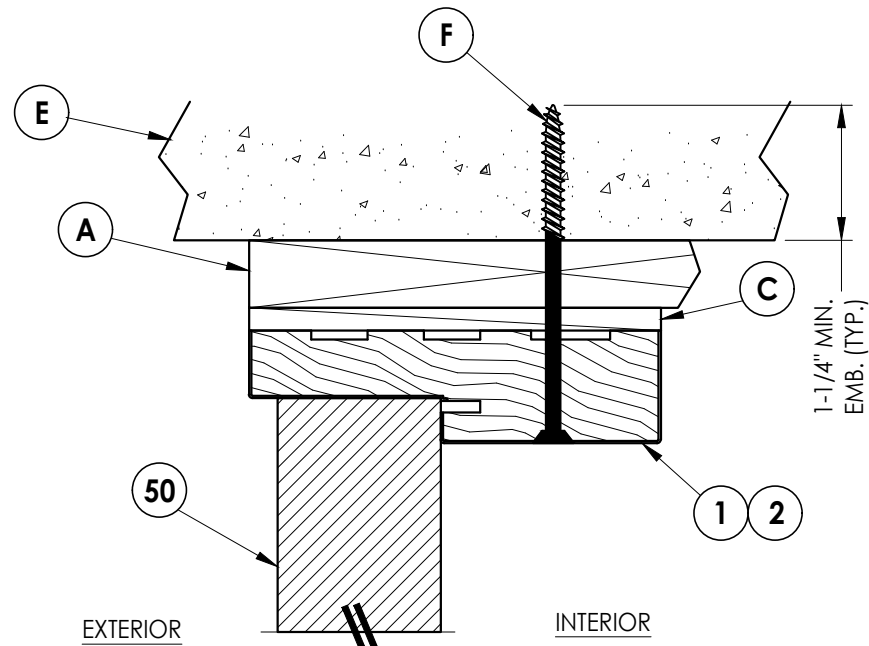
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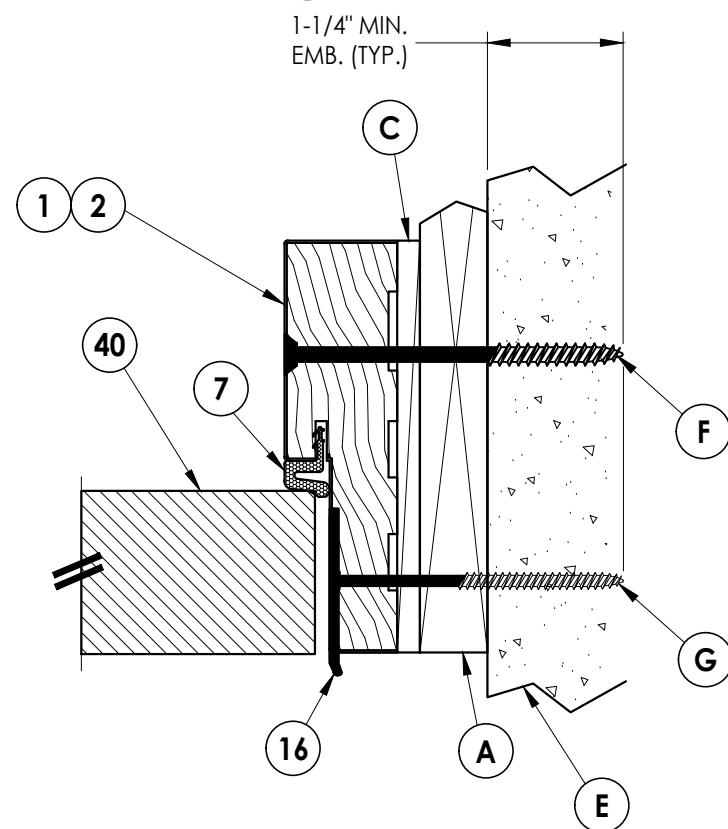
4 VERTICAL CROSS SECTION
6 Outswing shown - Inswing also approved



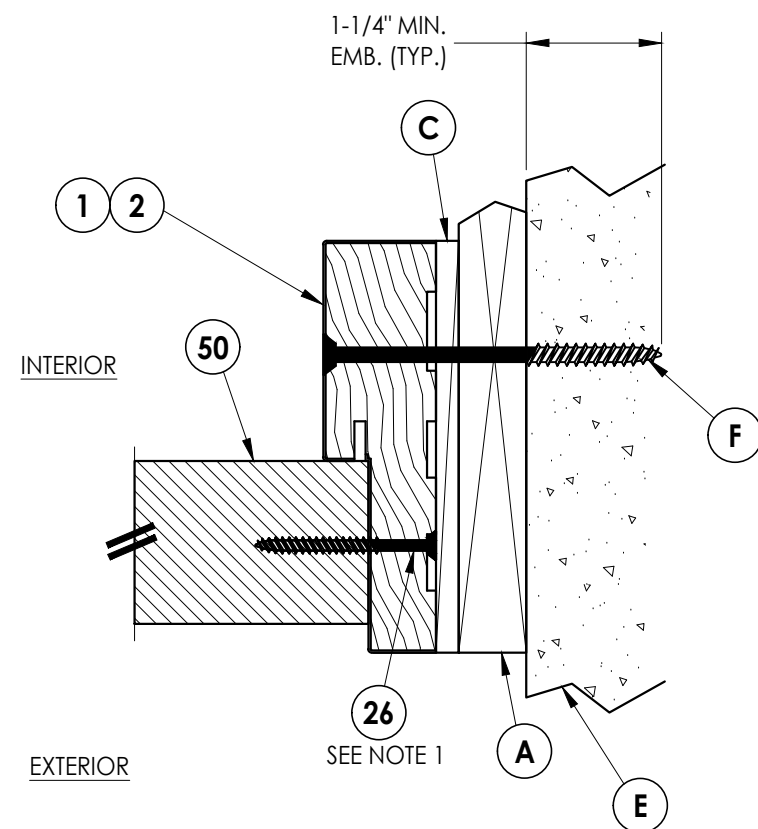
1 **HORIZONTAL CROSS SECTION**
6 Outswing shown - Inswing also approved



5 VERTICAL CROSS SECTION
6 Outswing shown - Inswing also approved



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

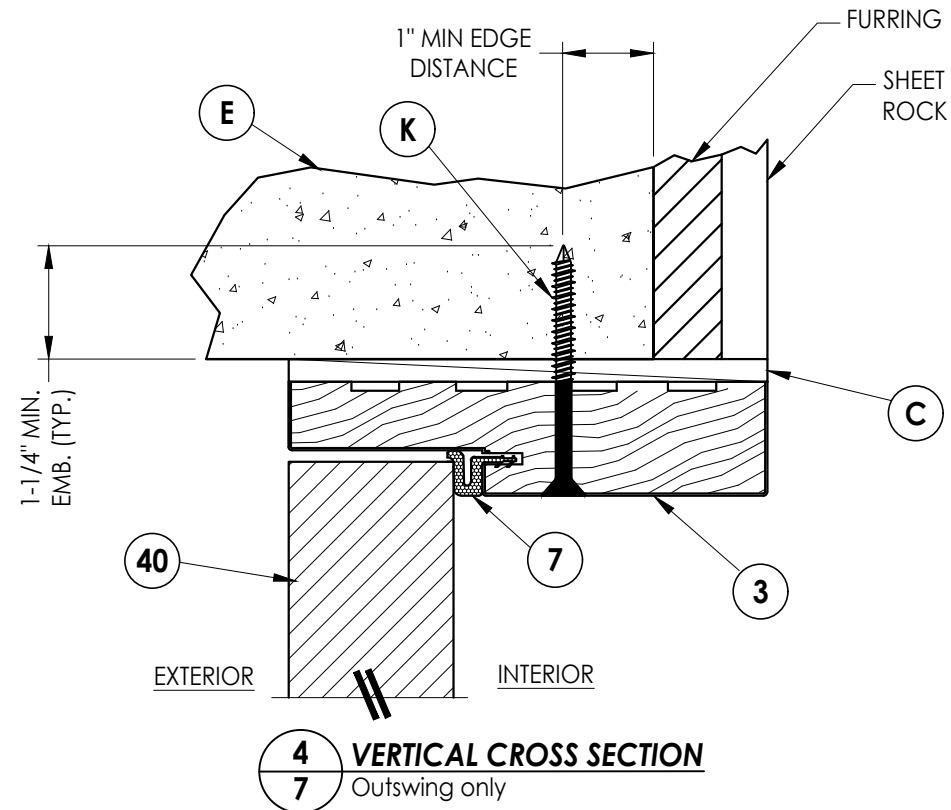


3 **HORIZONTAL CROSS SECTION**
6 Outswing shown - Inswing also approved

NOTE:

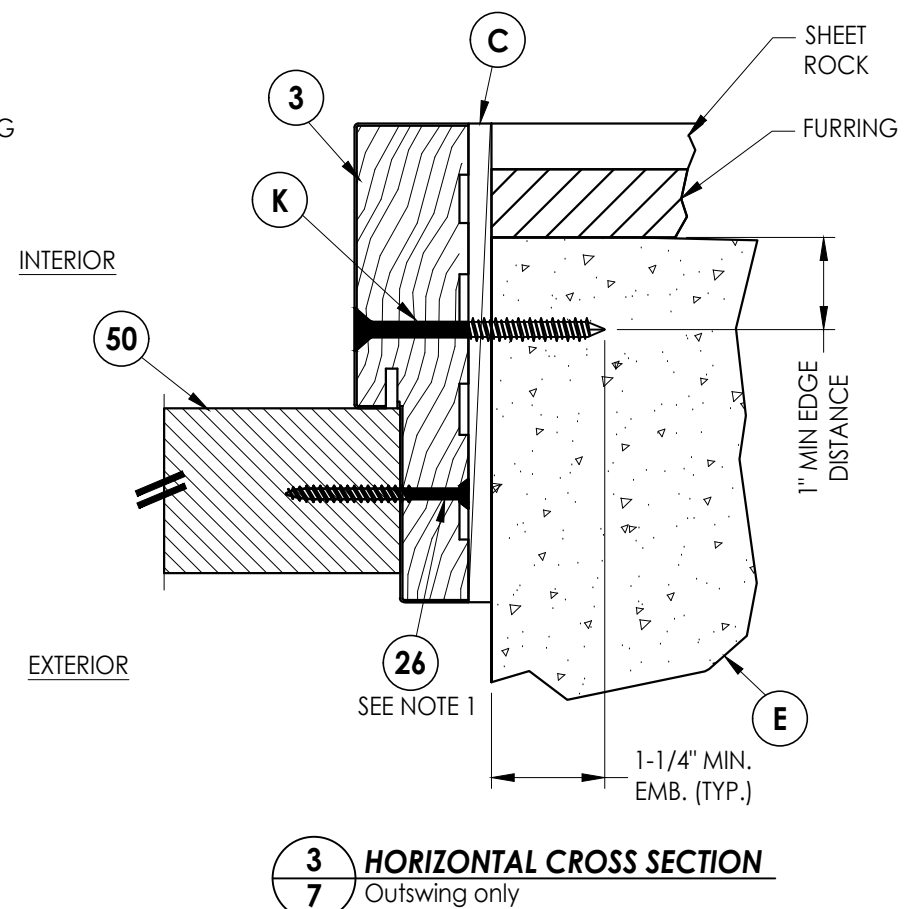
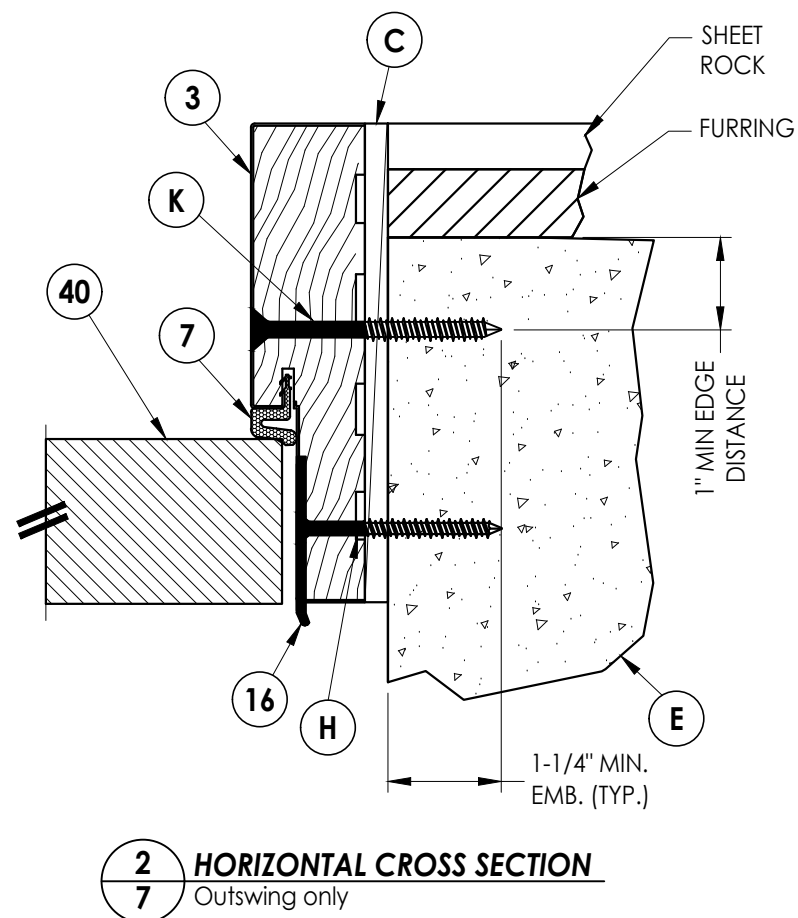
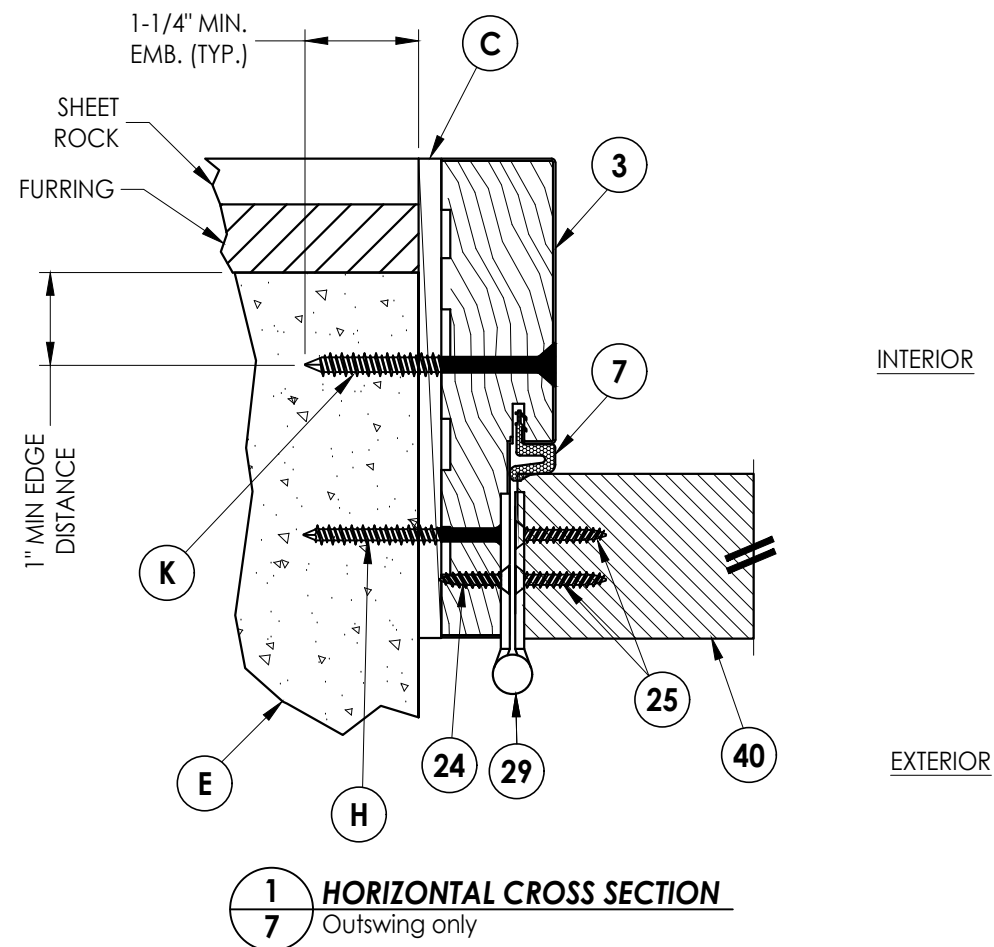
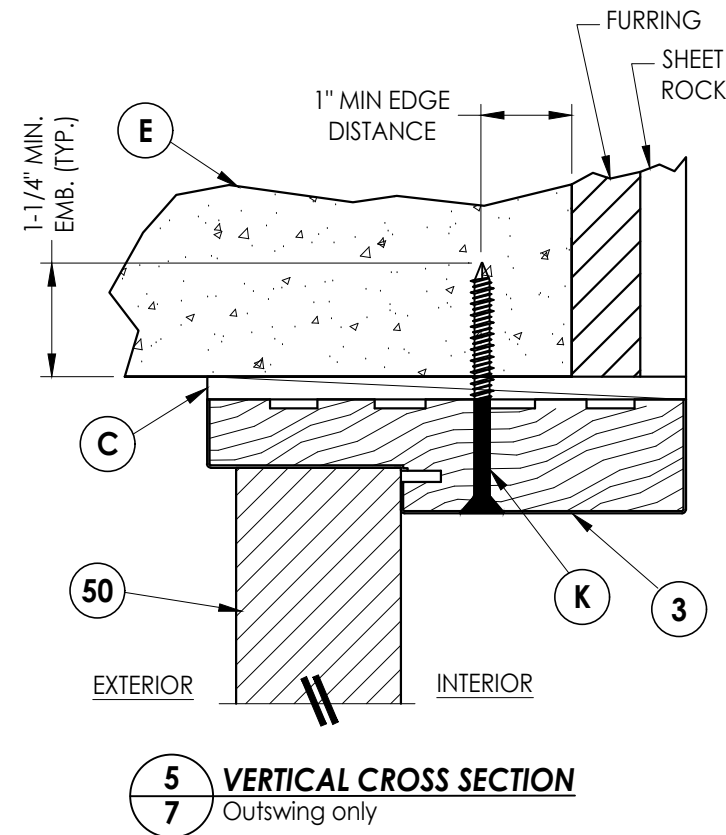
1. Item #26 located 6" from each end plus 5 more equally spaced (7 total).

DATE: 4/15/21		PRODUCT: TRINITY GLASS INT'L		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY:		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: RW		HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)			
CHK. BY: LFS					
DRAWING NO.: FL-25575.16					
SHEET 6 OF 13					



NOTE:

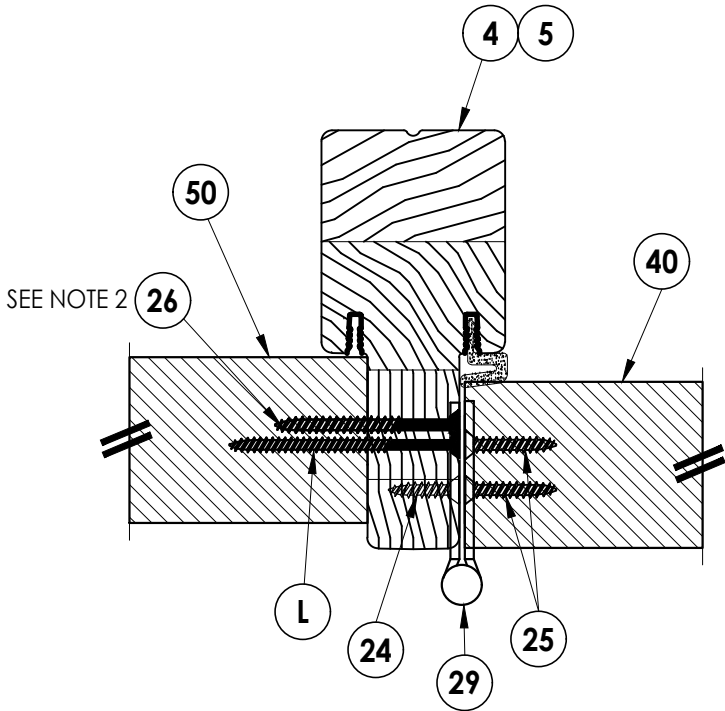
1. Item #26 located 6" from each end plus 5 more equally spaced (7 total).

[illegible]

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NOTES:

1. Item #26 located @ 6", 20" & 34" from the head down and @ 6" & 20" from the sill up (5 screws total).
2. Item #26 equally spaced between each hinge (3 total).

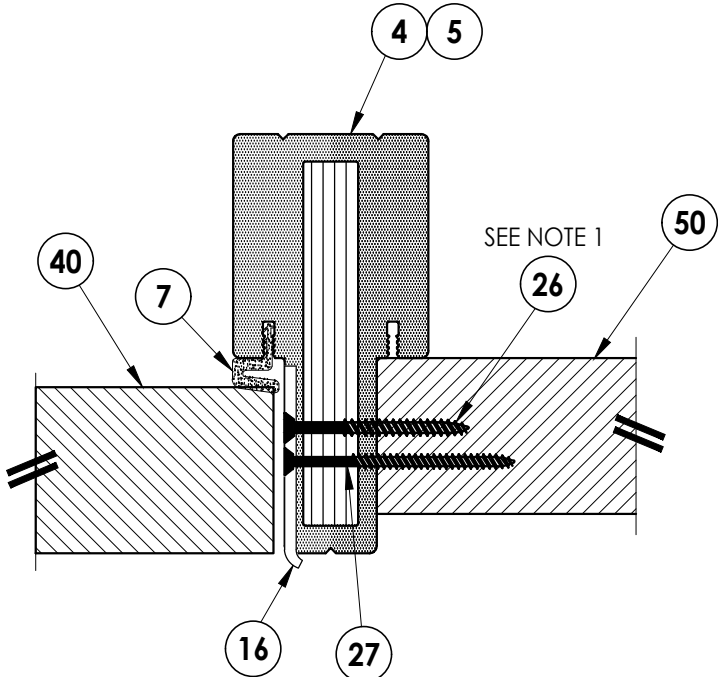


1
8

HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved

INTERIOR

EXTERIOR

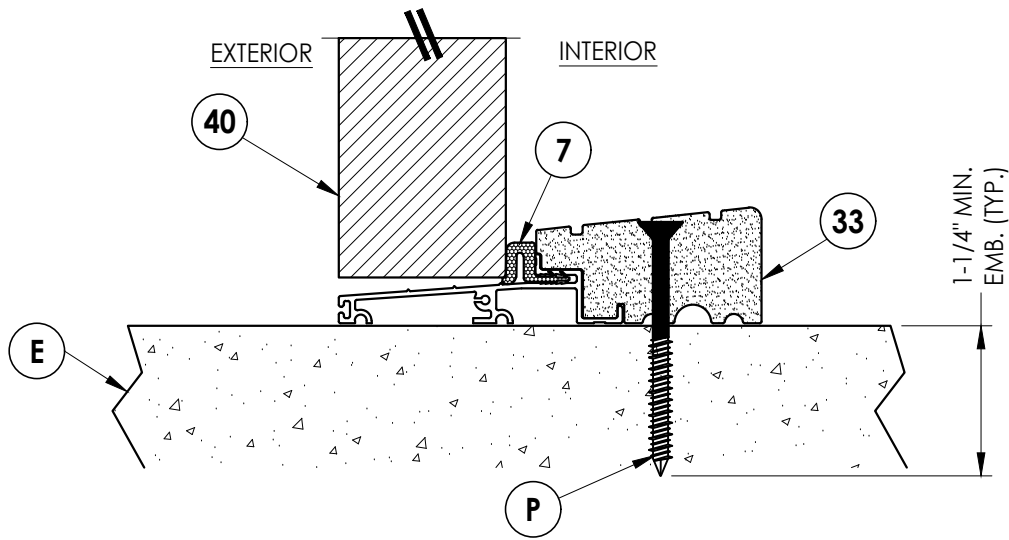


2
8

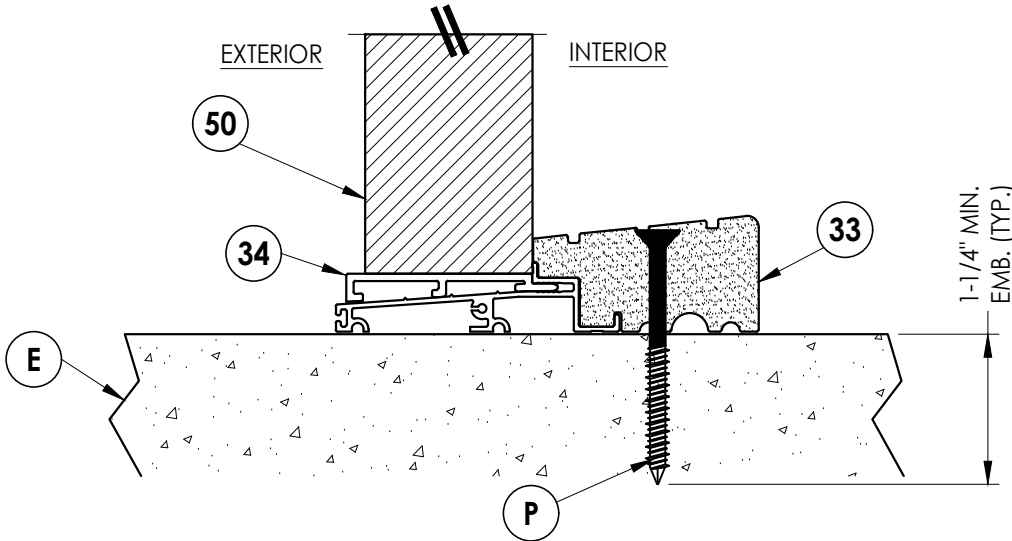
HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved

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: HORIZONTAL CROSS SECTIONS			
				LFS	FBC	DATE	BY
				2	7/01/26	UPDATE TO 9TH ED. (2026)	
				1	8/01/23	UPDATE TO 8TH ED. (2023)	
				NO.	DATE		
DATE: 4/15/21				REVISIONS			
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-25575.16							
SHEET 8 OF 13							

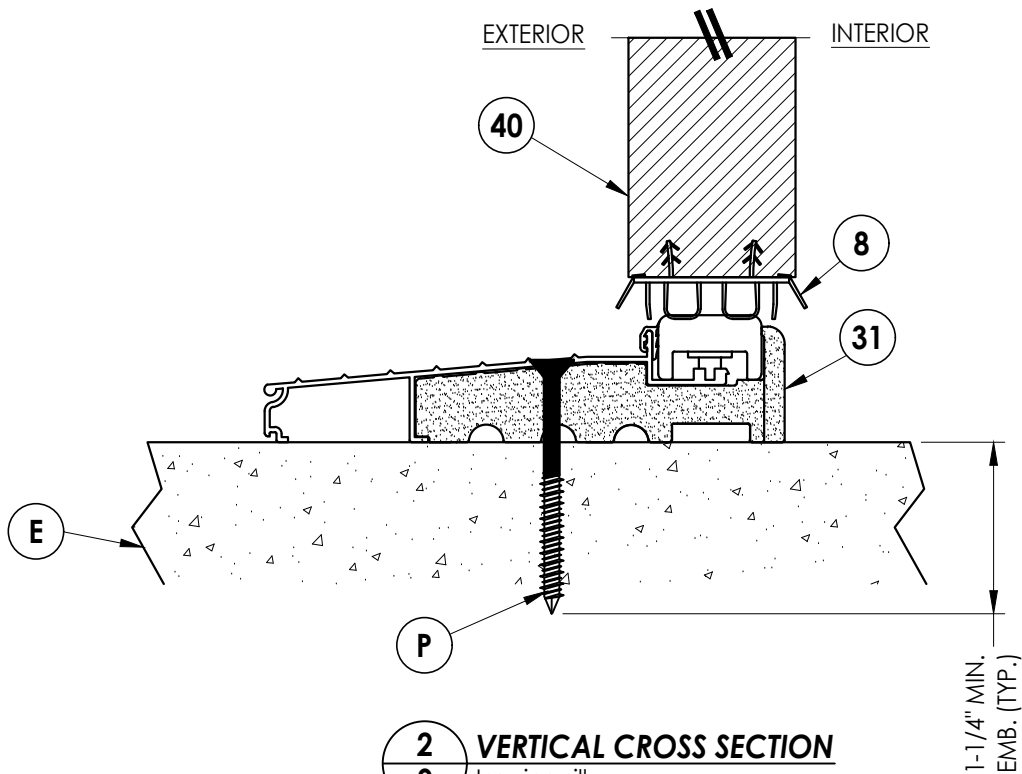
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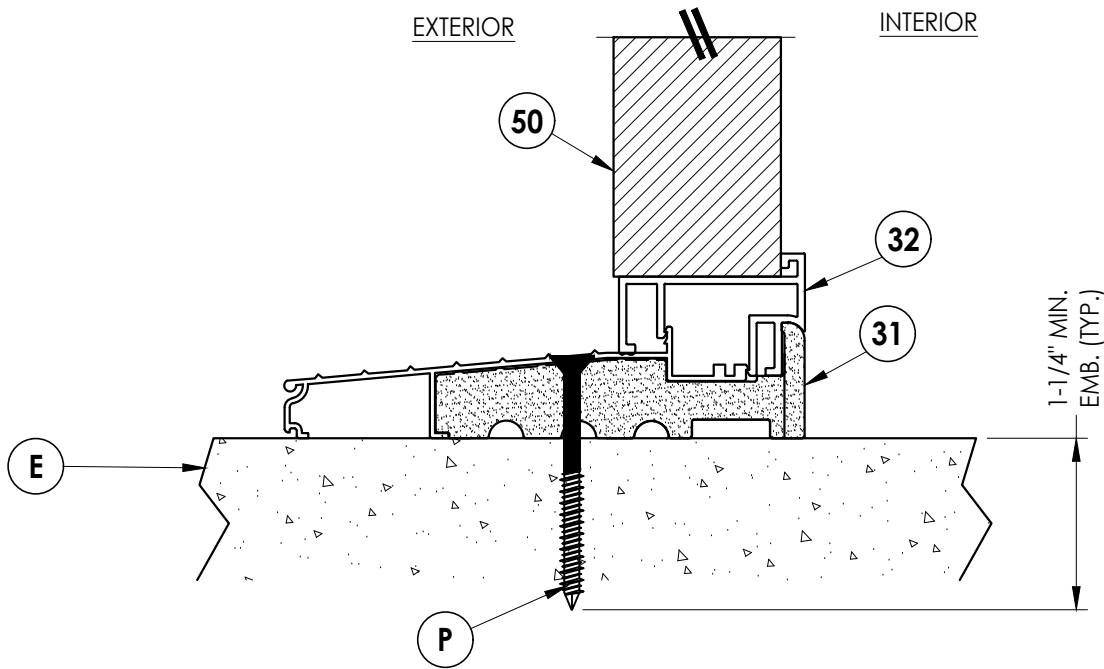
1
9 **VERTICAL CROSS SECTION**
Outswing sill - high dam



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: 4/15/21

SCALE: N.T.S.

DWG. BY: RW

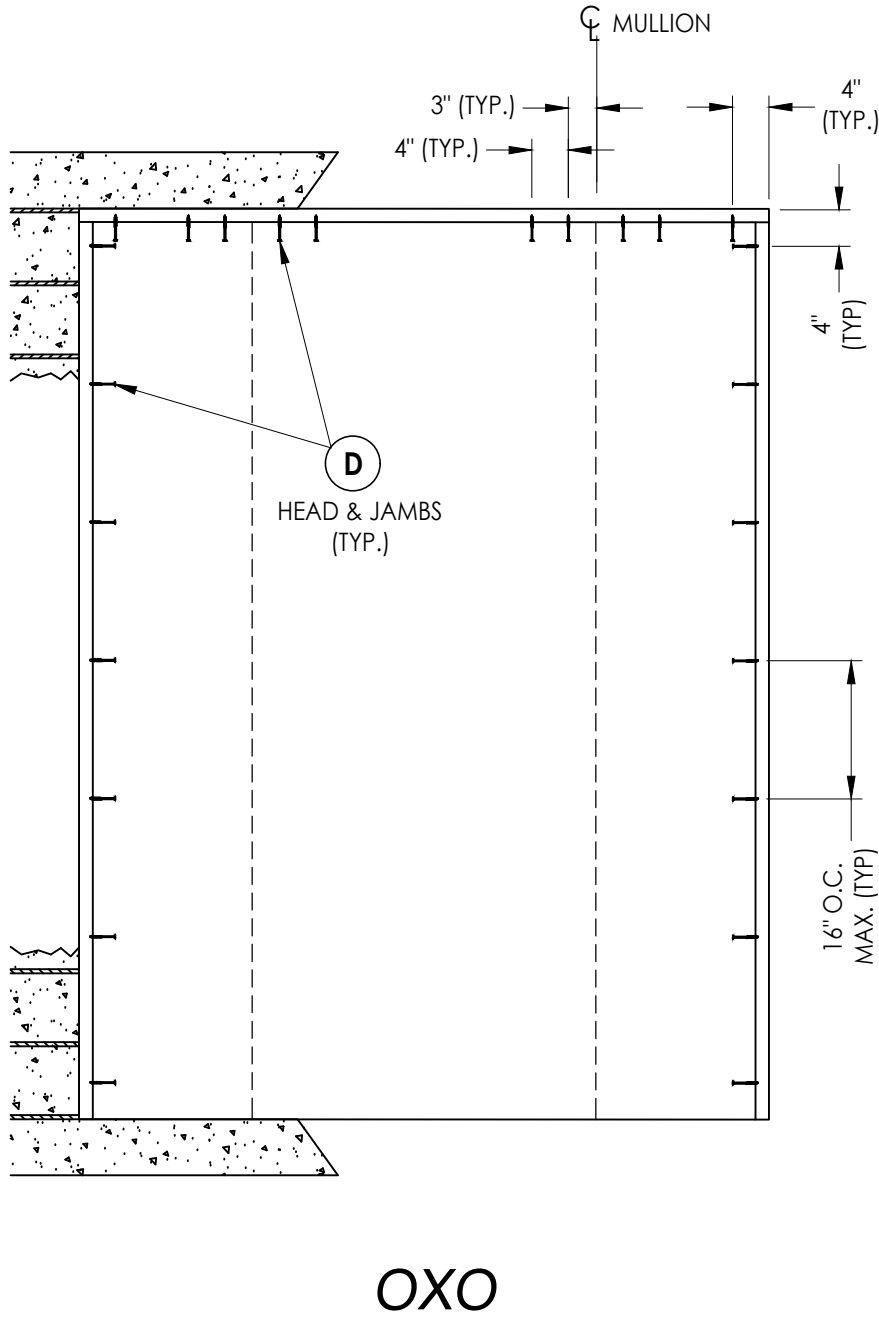
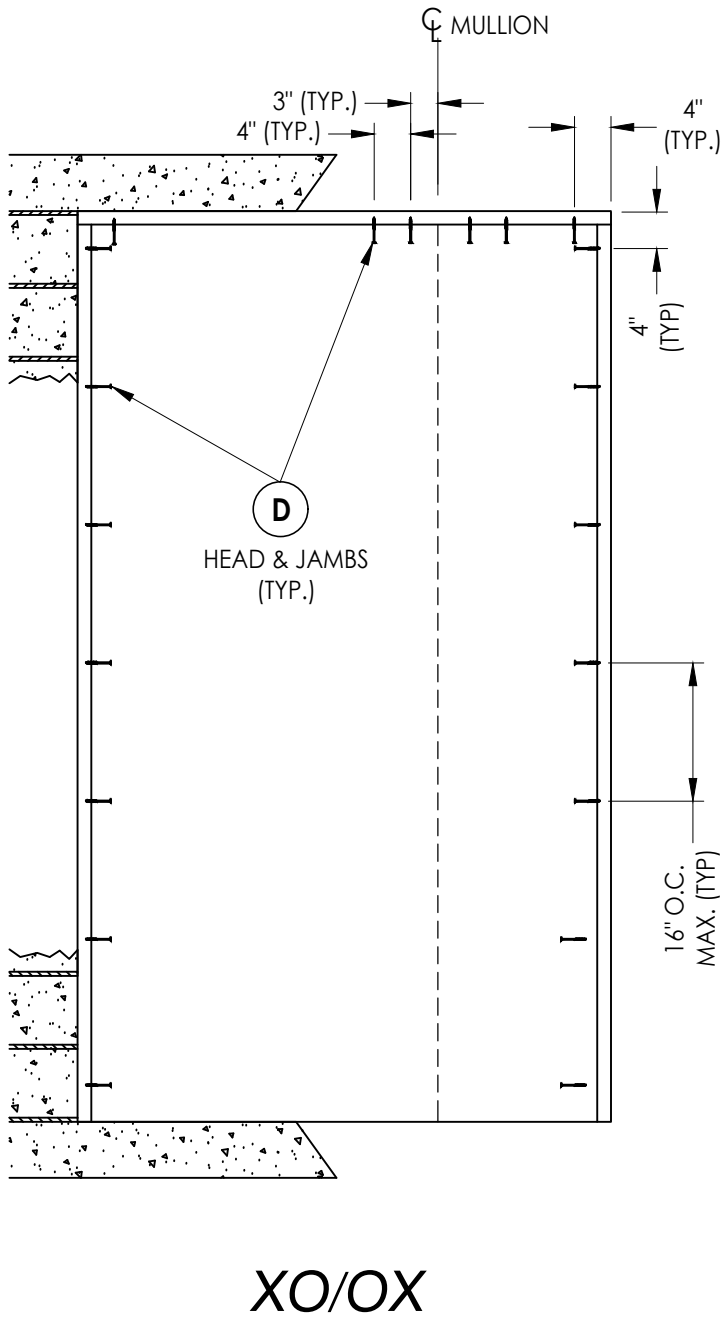
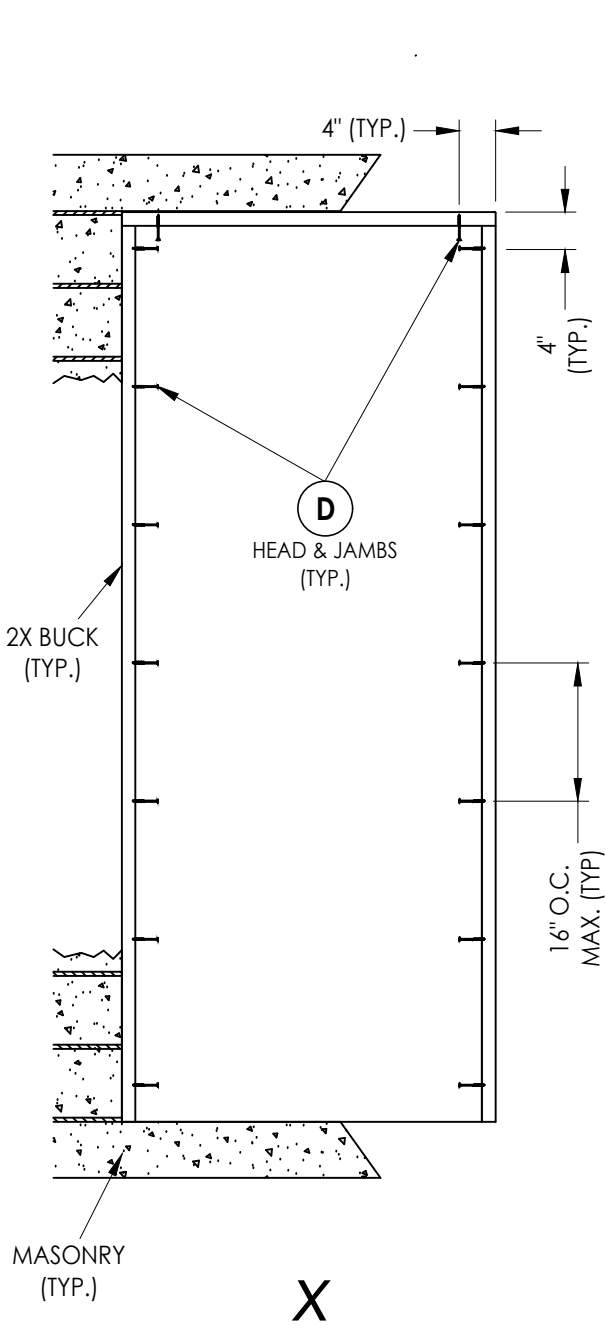
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DRAWING NO.:

FL-25575.16

SHEET 9 OF 13

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XO/OX

OXO

2X BUCK ANCHORING

DATE: 4/15/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-25575.16

SHEET 10 OF 13

PRODUCT:
TRINITY GLASS INT'L

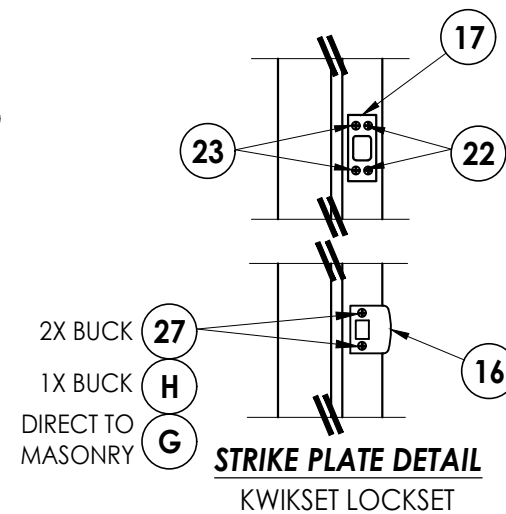
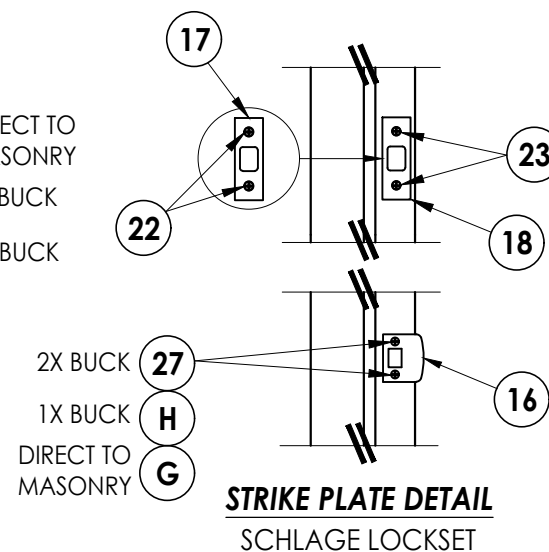
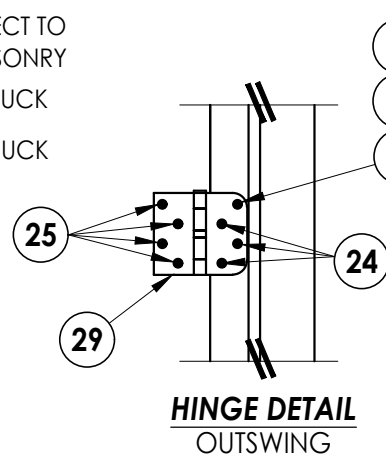
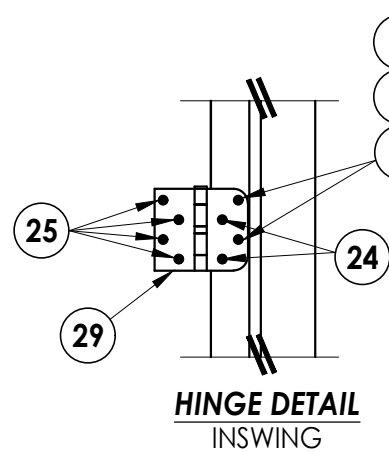
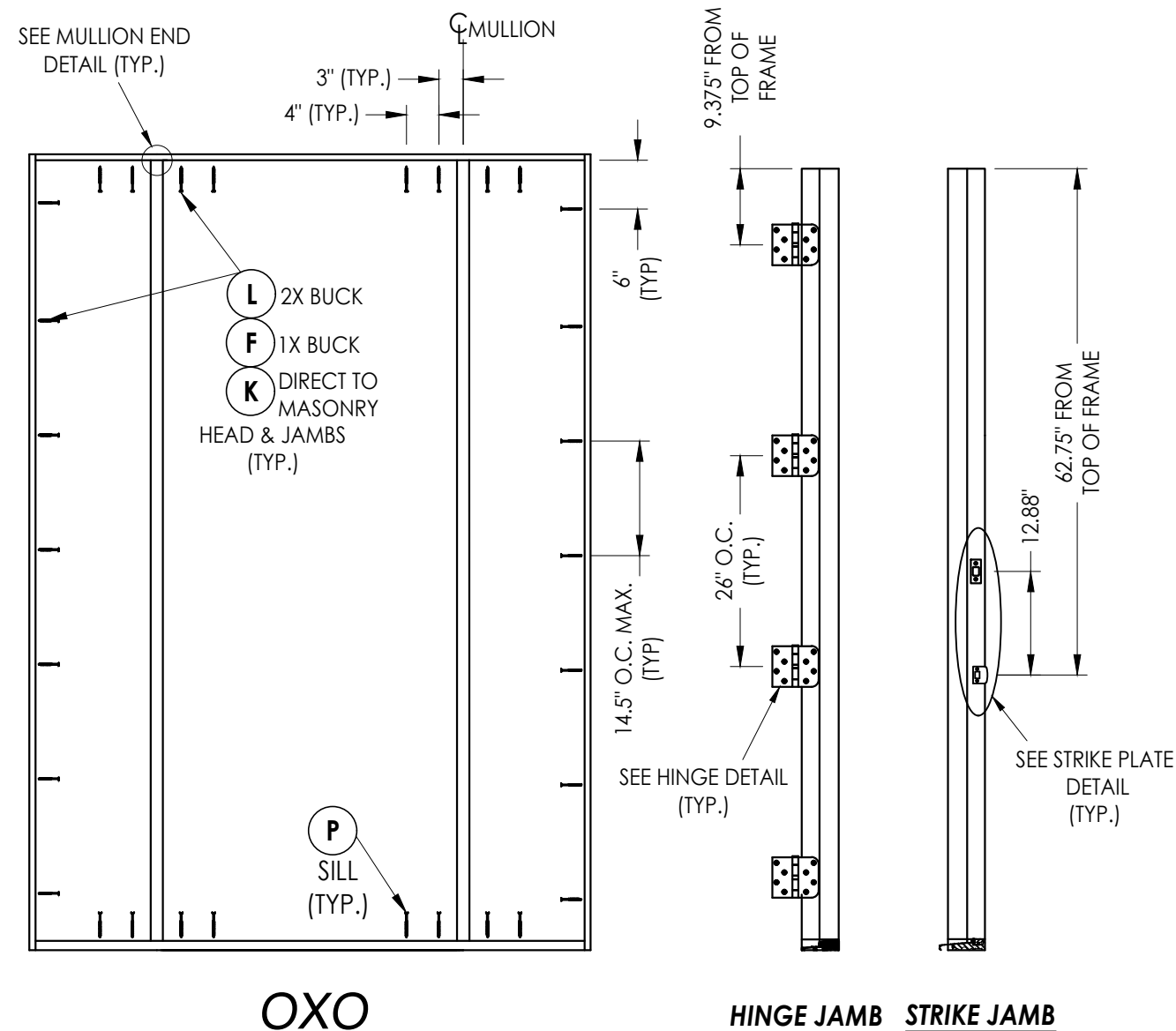
PART OR ASSEMBLY:
BUCK ANCHORING

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

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

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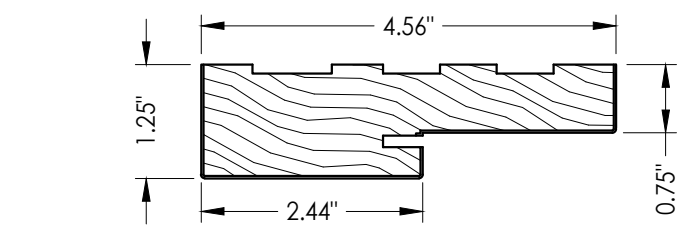
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

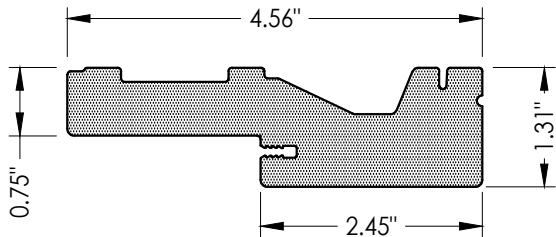
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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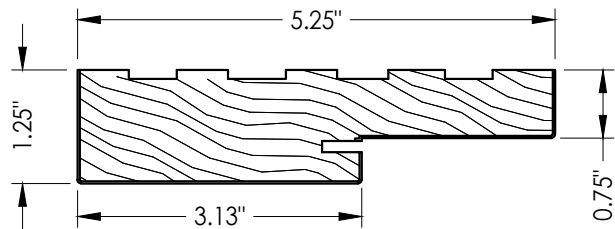
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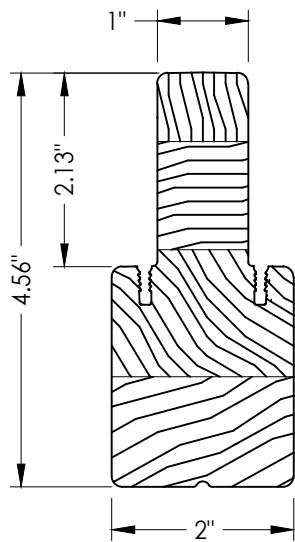
1 HEAD & JAMBS
FINGER JOINT PINE



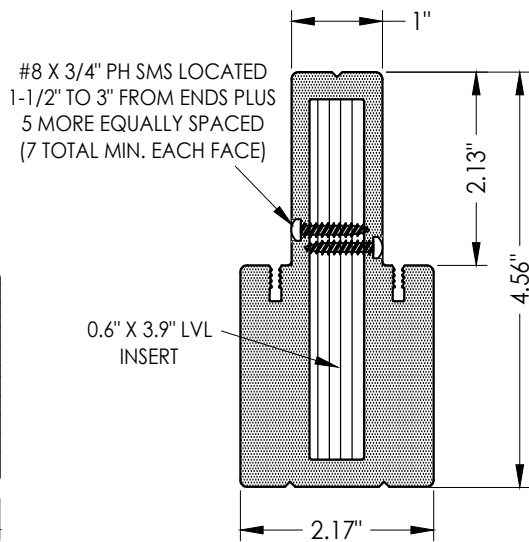
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PVC



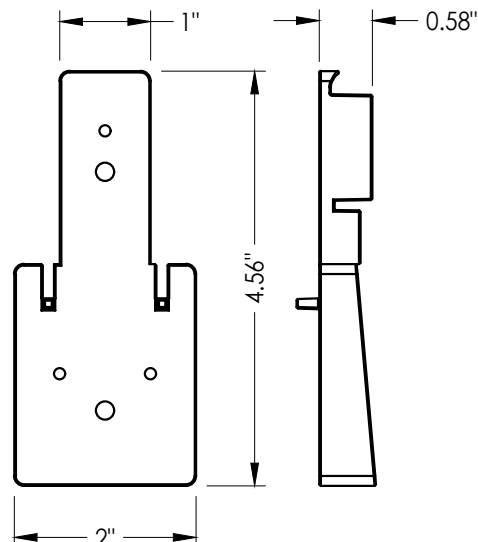
3 HEAD & JAMBS
FINGER JOINT PINE



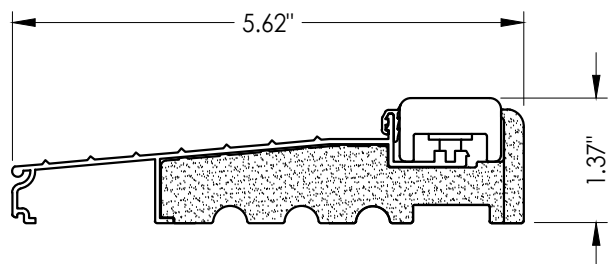
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PINE



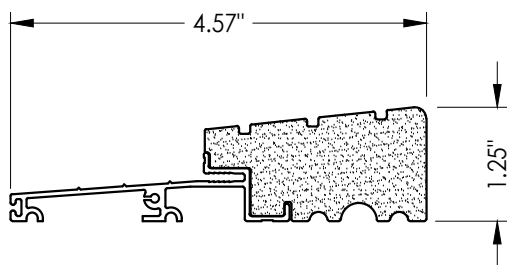
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PVC/LVL



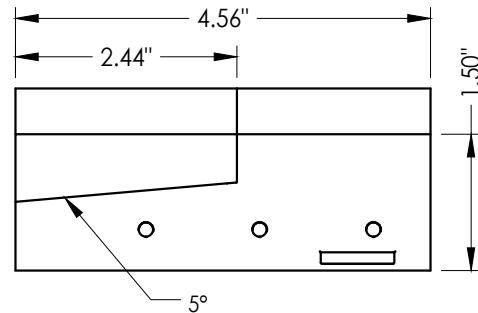
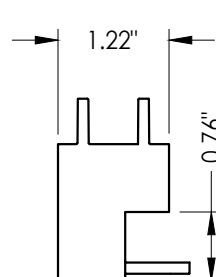
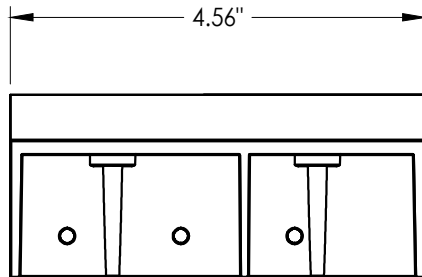
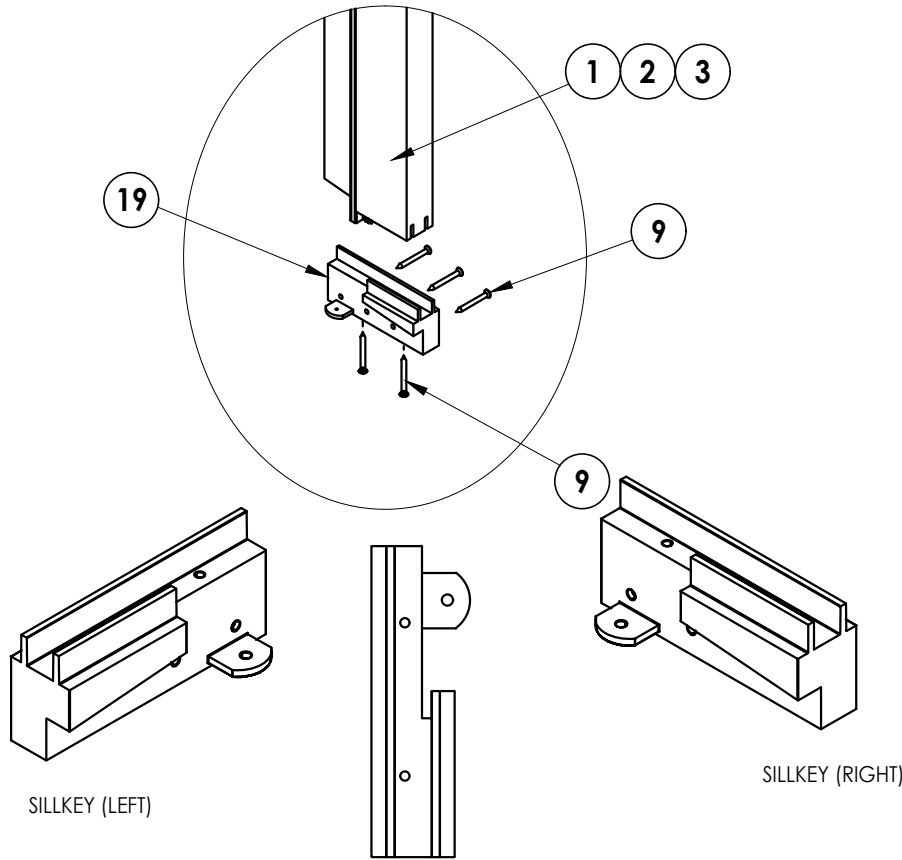
6 INTEGRAL MULLION BASE KIT
Optional



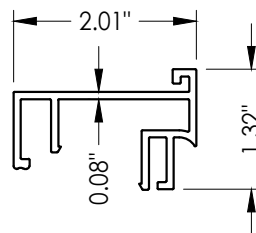
31 INSWING THRESHOLD



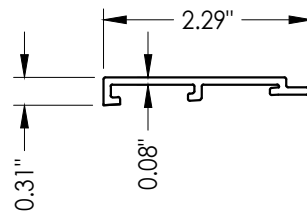
33 OUTSWING THRESHOLD
High-dam



19 SILLKEY DETAILS
Optional



32 SIDELITE SPACER
Inswing



34 SIDELITE SPACER
Outswing

Documents Prepared By:
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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:
COMPONENTS

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: 4/15/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-25575.16

SHEET 12 OF 13

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

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 ULTRAON®+	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]