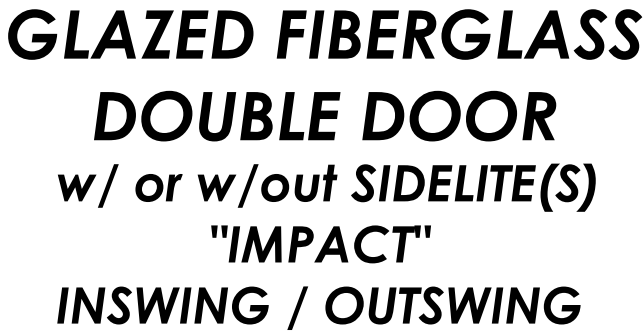
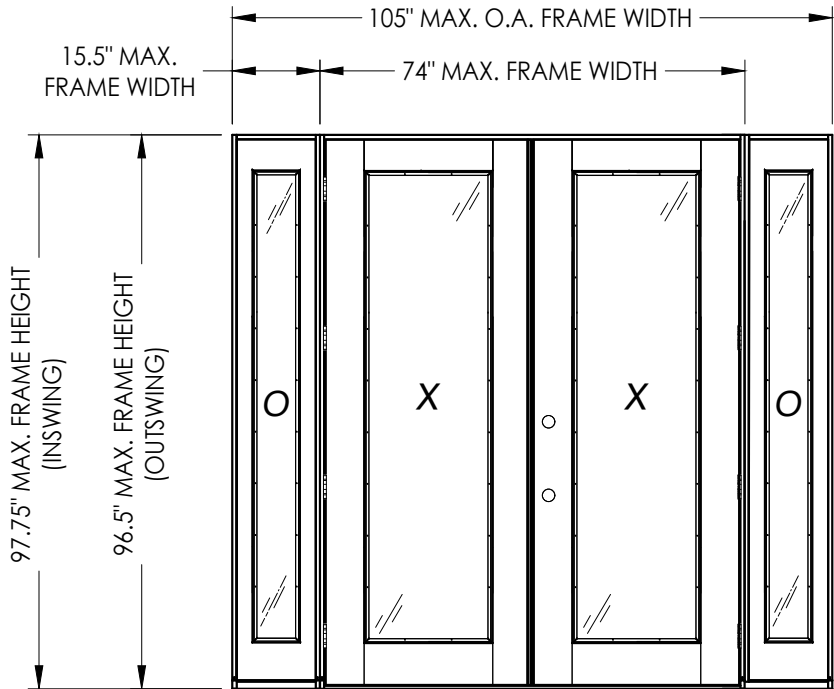
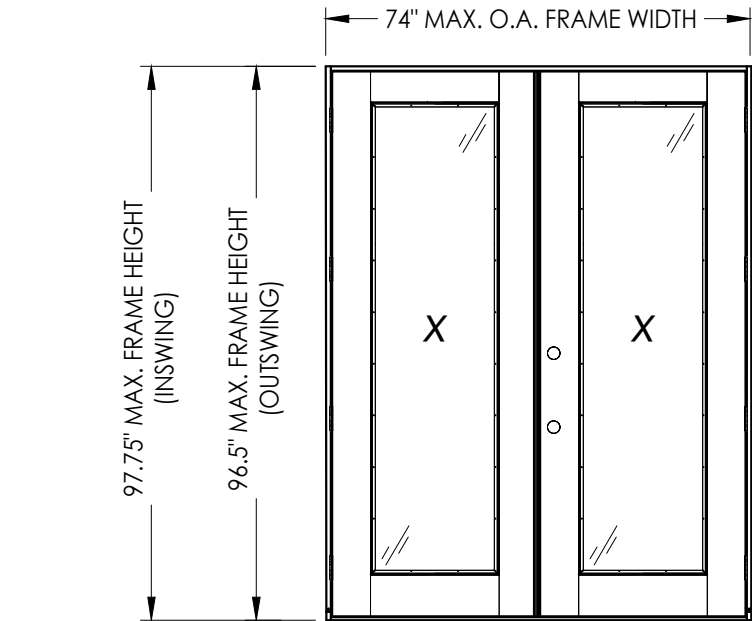


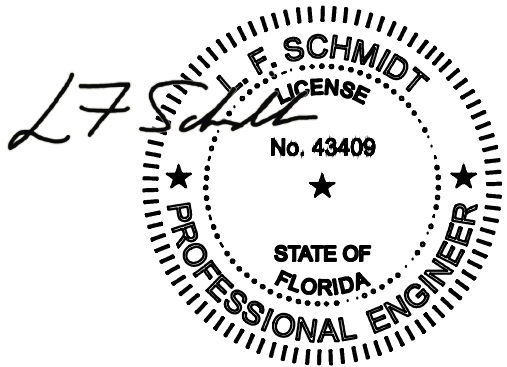


1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 excludes Wind Zone 4 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 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	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX, OXXO	+40.0	-45.0	+45.0	-45.0

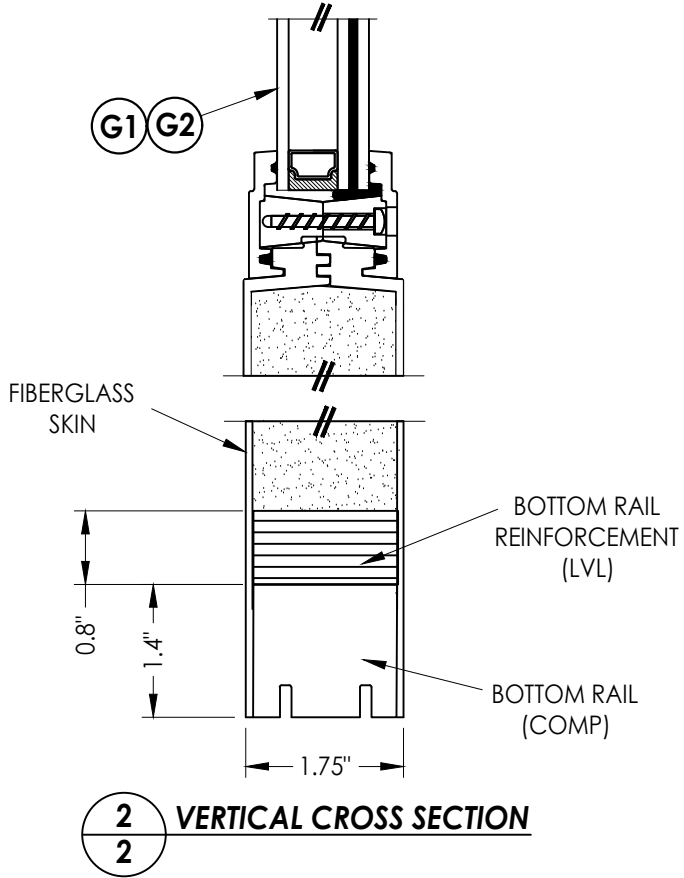
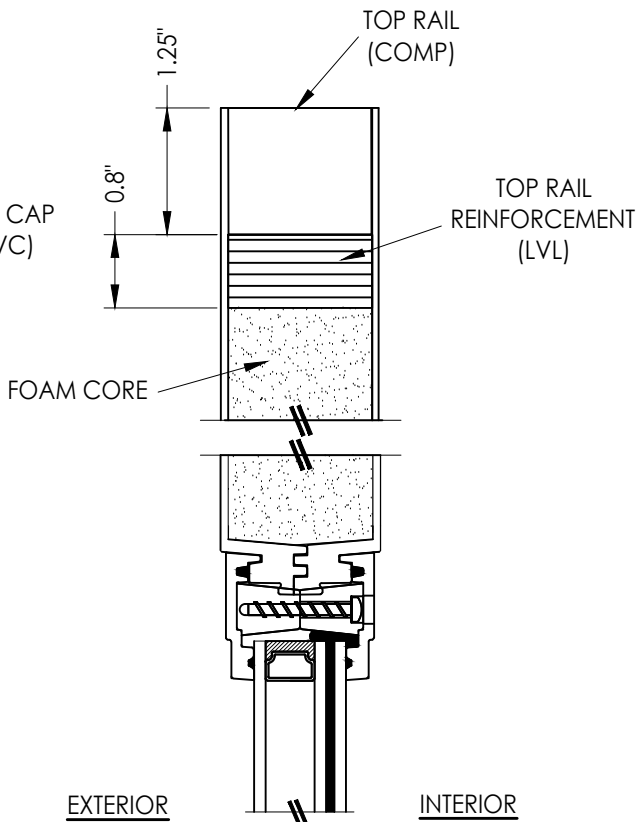


Digitally signed by Lyndon F Schmidt
Date: 2026.07.26 10:46:58 -04'00'

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

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					BY			
REVISIONS									
DATE: 4/15/21									
SCALE: N.T.S.									
DWG. BY: RW									
CHK. BY: LFS									
DRAWING NO.: FL-25575.17									
SHEET 1 OF 13									



HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	Knob:	Signature Series
	Deadbolt:	Signature Series (980)
Schlage	Knob:	F Series
	Deadbolt:	B60 Series

PRODUCT:		TRINITY GLASS INT'L	
PART OR ASSEMBLY:		DOOR PANEL DETAILS	
LFS	UPDATE TO 9TH ED. (2026)	FBC	
LFS	UPDATE TO 8TH ED. (2023)	FBC	
BY			
REVISIONS			
2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
1	8/01/23	UPDATE TO 8TH ED. (2023)	FBC
NO.	DATE		
DATE: 4/15/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-25575.17			
SHEET 2 OF 13			

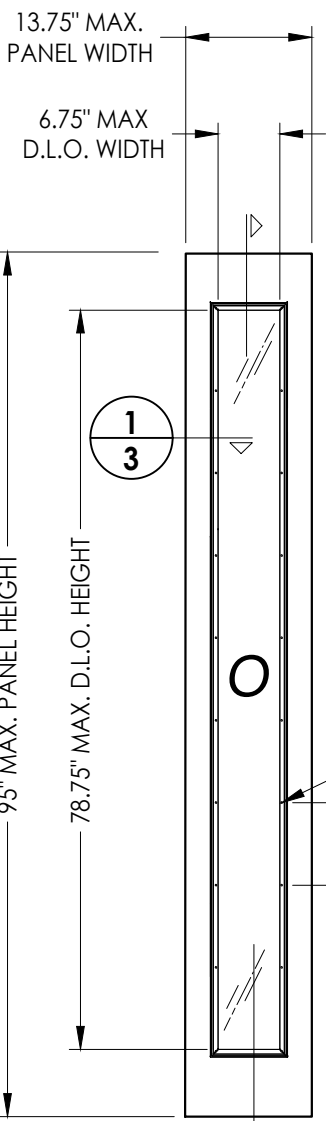
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33593
Phone No. 813 659 9197

Phone No.: 813.659.9197
FBPE Registry No. 9813

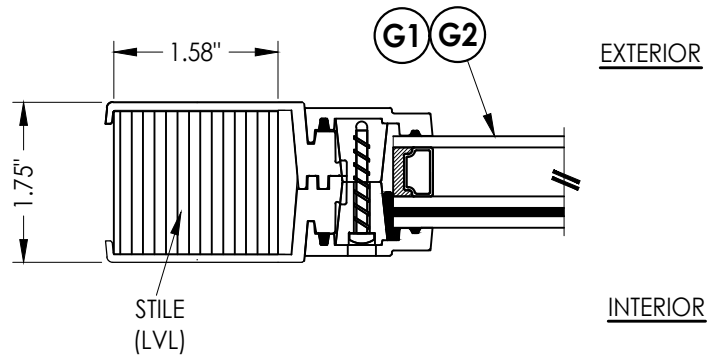
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G:\2023 FBC Drawings 7-20-26\Trinity Glass International\FL-25575 R6\FL-25575.17-18.dwg

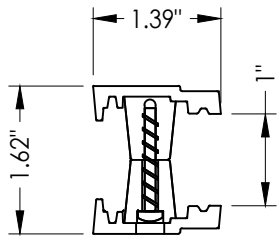


50 SIDELITE PANEL
Fiberglass

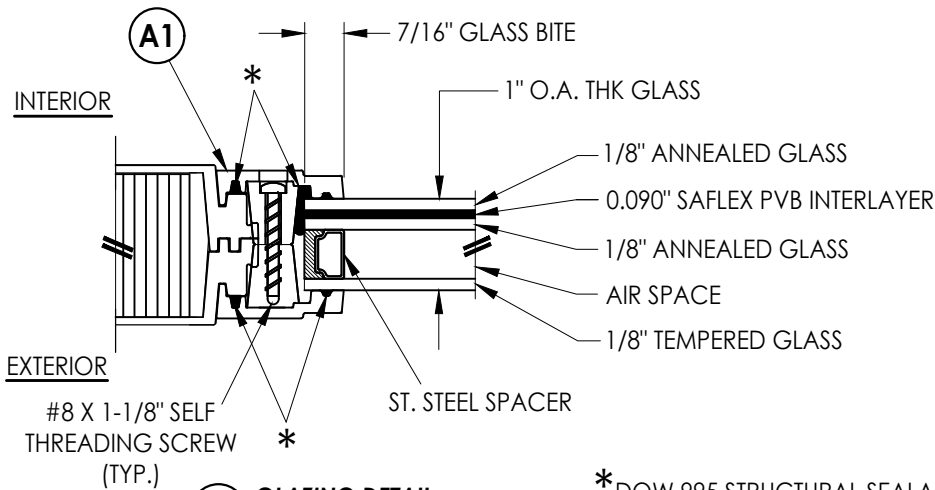
DOOR SKIN: 0.075" MIN. THK. FIBERGLASS
CORE MATERIAL: POLYURETHANE FOAM



1 HORIZONTAL CROSS SECTION

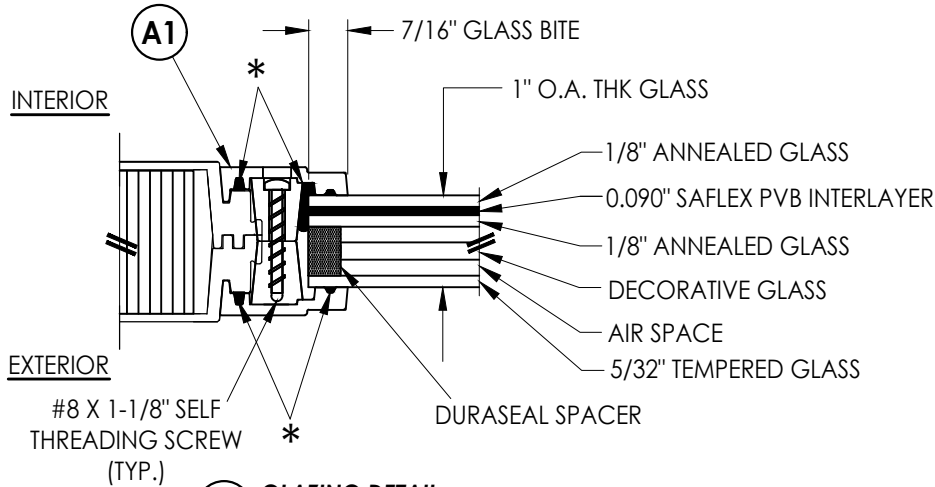


A1 LITE FRAME

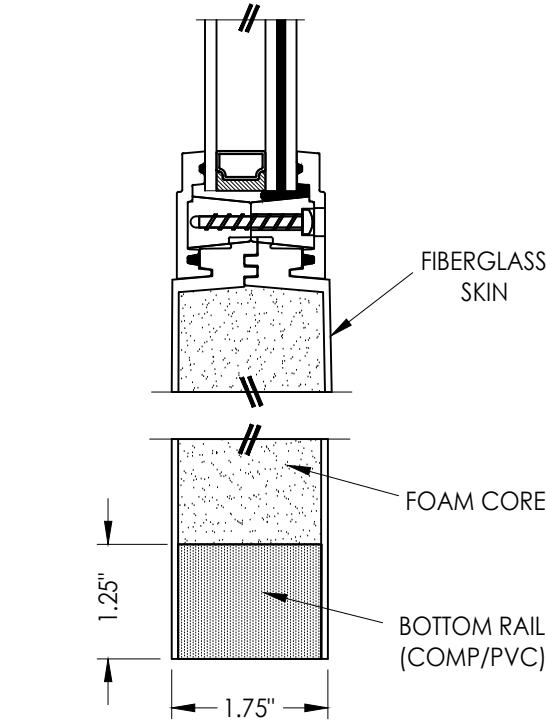
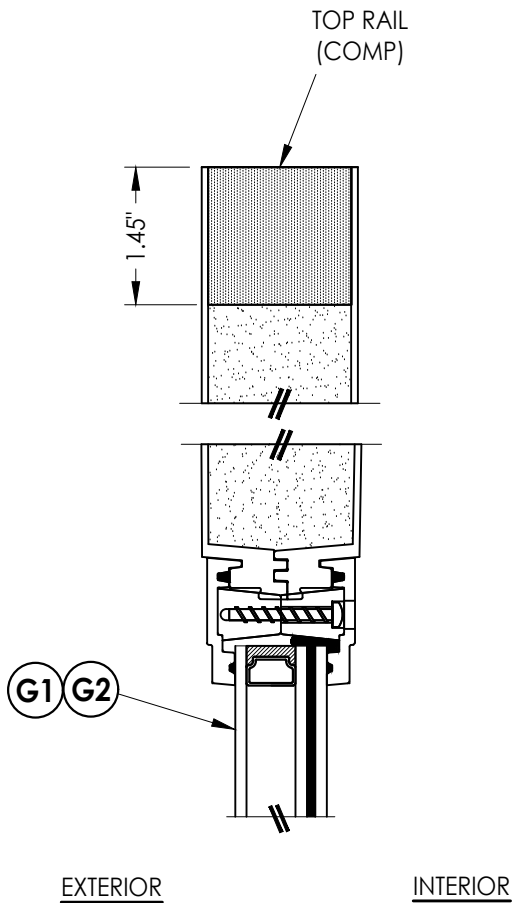


G1 GLAZING DETAIL
DUAL GLAZED

*DOW 995 STRUCTURAL SEALANT



G2 GLAZING DETAIL
TRIPLE GLAZED



2 VERTICAL CROSS SECTION

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.

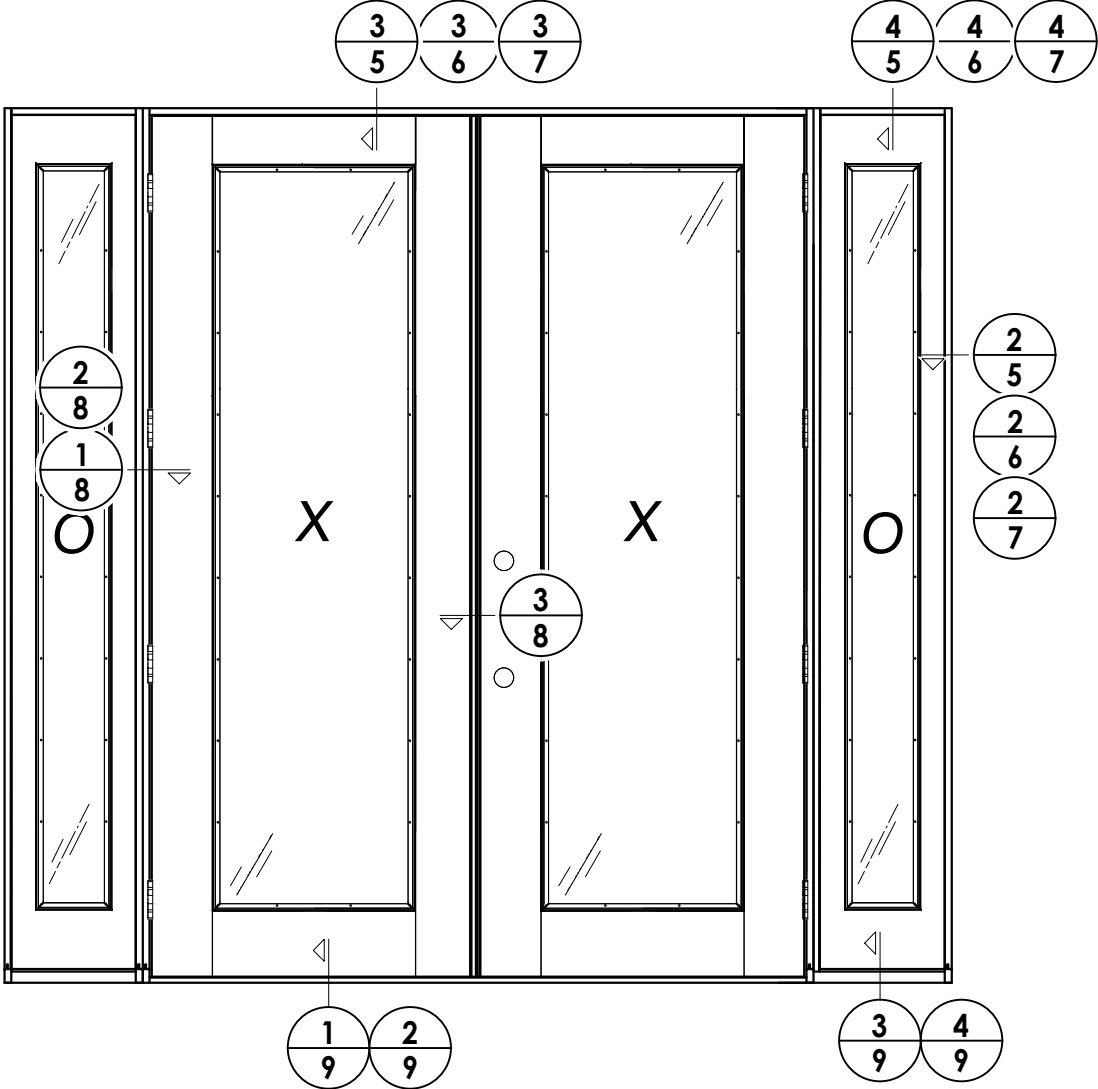
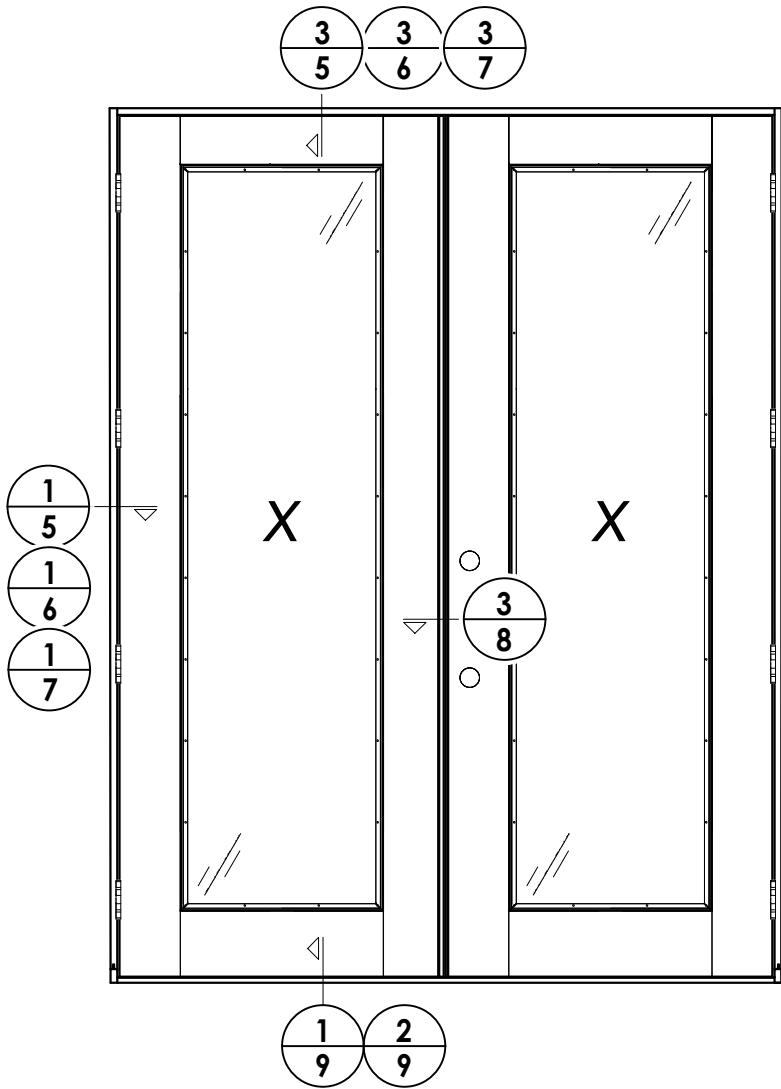
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-25575.17

SHEET 3 OF 13

G:\2023 FBC Drawings 7-20-26\Trinity Glass International\FL-25575 R6\FL-25575.17-18.dwg



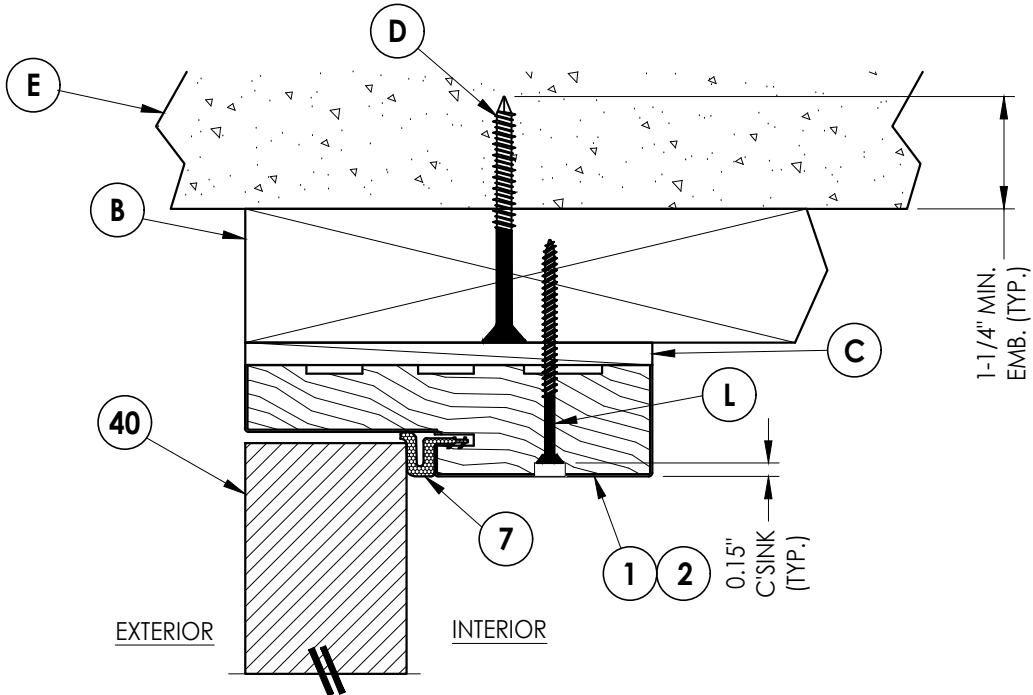
DATE: 4/15/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-25575.17
SHEET 4 OF 13

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

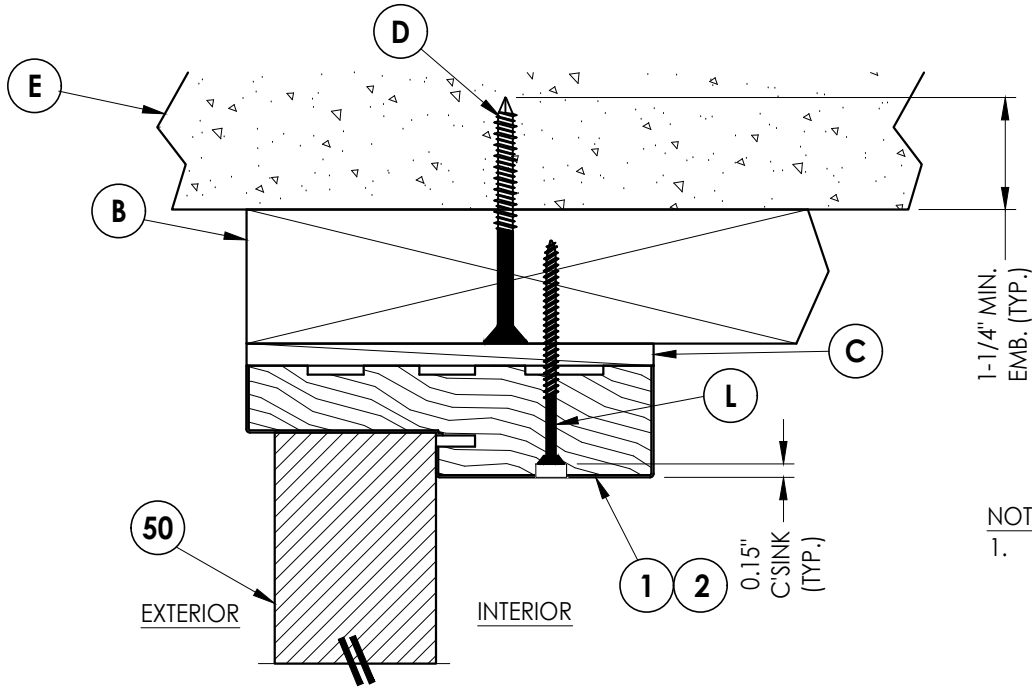
PRODUCT: TRINITY GLASS INT'L
PART OR ASSEMBLY: ELEVATIONS

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

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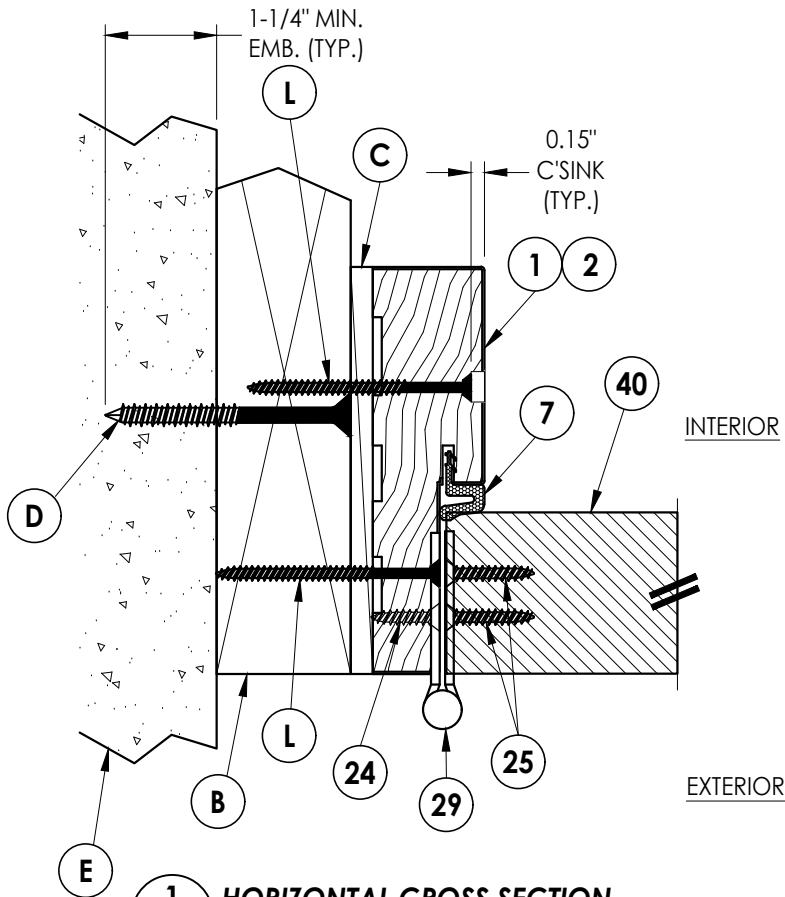


3 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

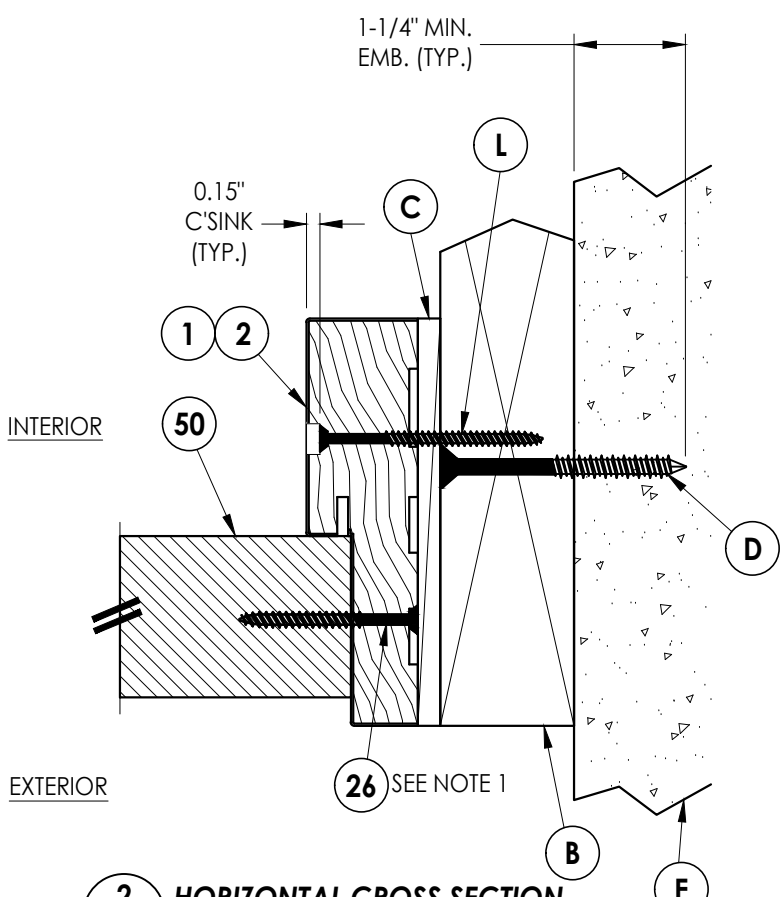


4 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

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



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



2 **HORIZONTAL CROSS SECTION**
5 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 AND VERTICAL CROSS SECTIONS (2X BUCK)	
		LFS	LFS
		BY	BY
REVISIONS			
2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
1	8/01/23	UPDATE TO 8TH ED. (2023)	FBC
NO.	DATE		
DATE: 4/15/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-25575.17			
SHEET 5 OF 13			

[illegible]

1-1/4" MIN.
EMB. (TYP.)

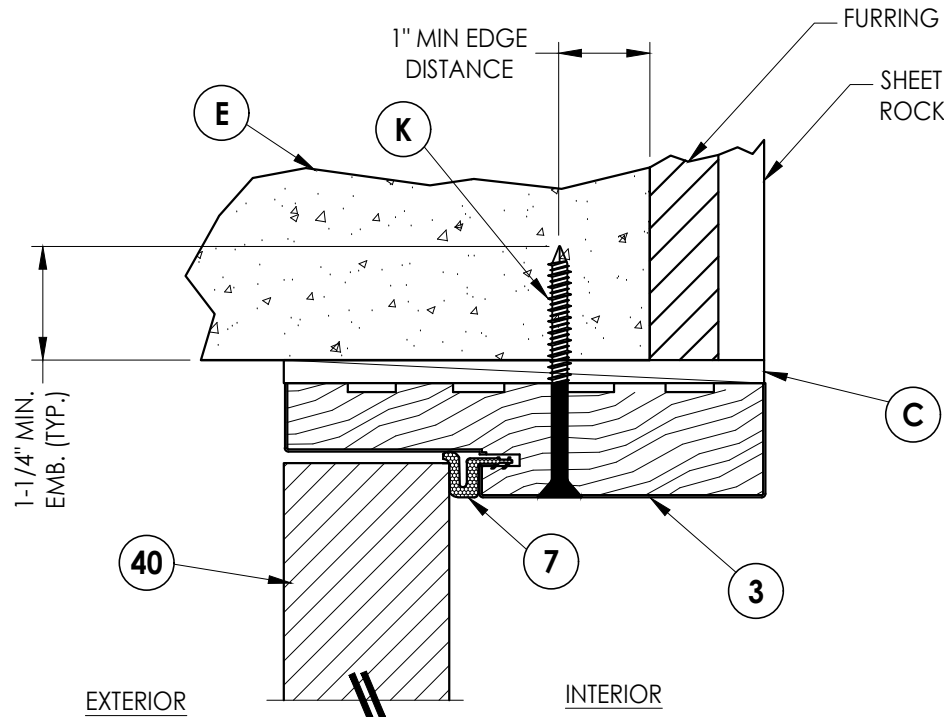
Diagram illustrating a horizontal cross section of a door assembly, showing the interior and exterior views. The diagram includes callouts for various components:

- 1: Door slab
- 2: Door edge
- 7: Door edge seal
- 40: Door edge seal
- 24: Door edge seal
- 25: Door edge seal
- 29: Door edge seal
- A: Door edge seal
- E: Door edge seal
- F: Door edge seal
- G: Door edge seal
- C: Door edge seal

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

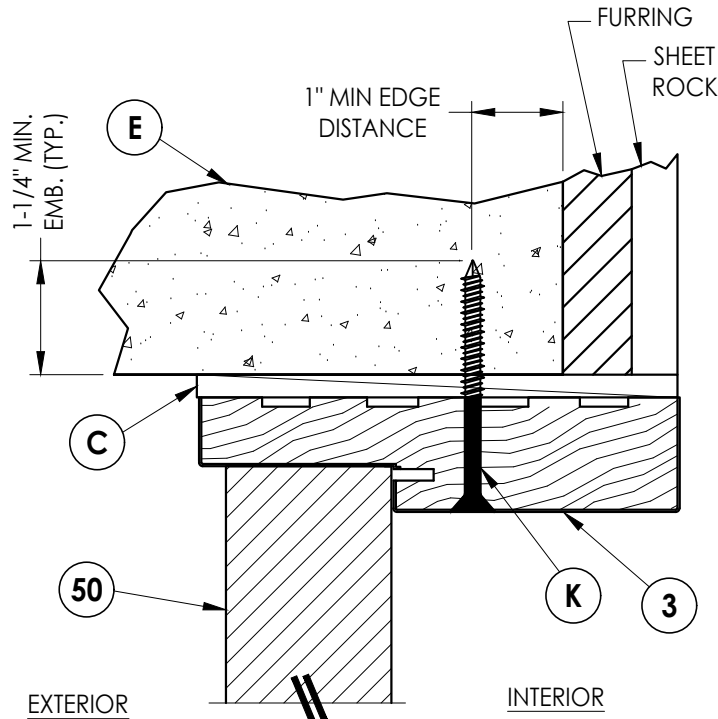
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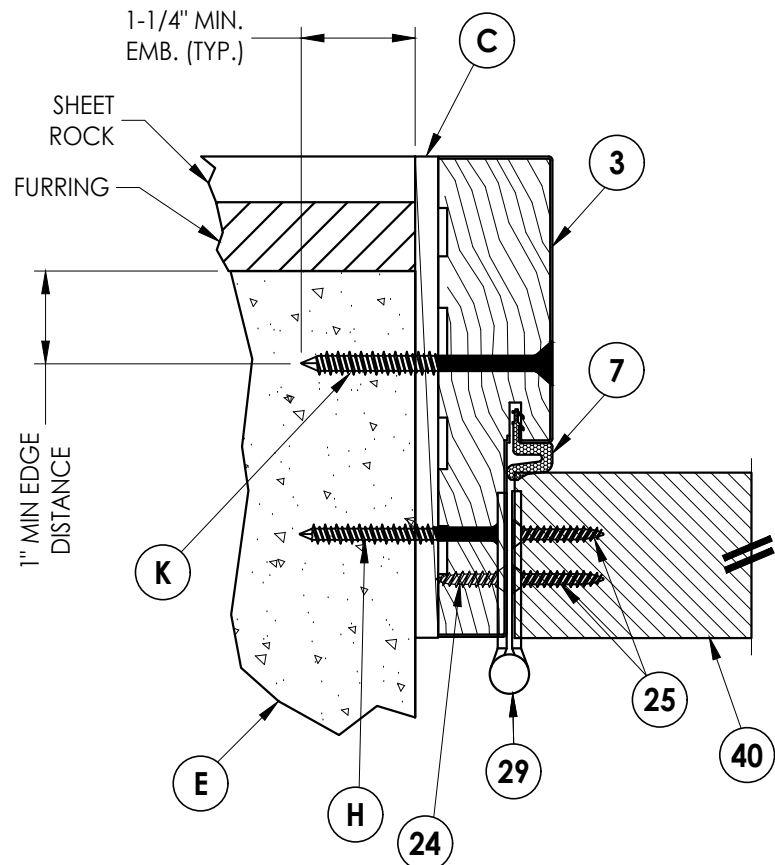


3
7 **VERTICAL CROSS SECTION**
Outswing only

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



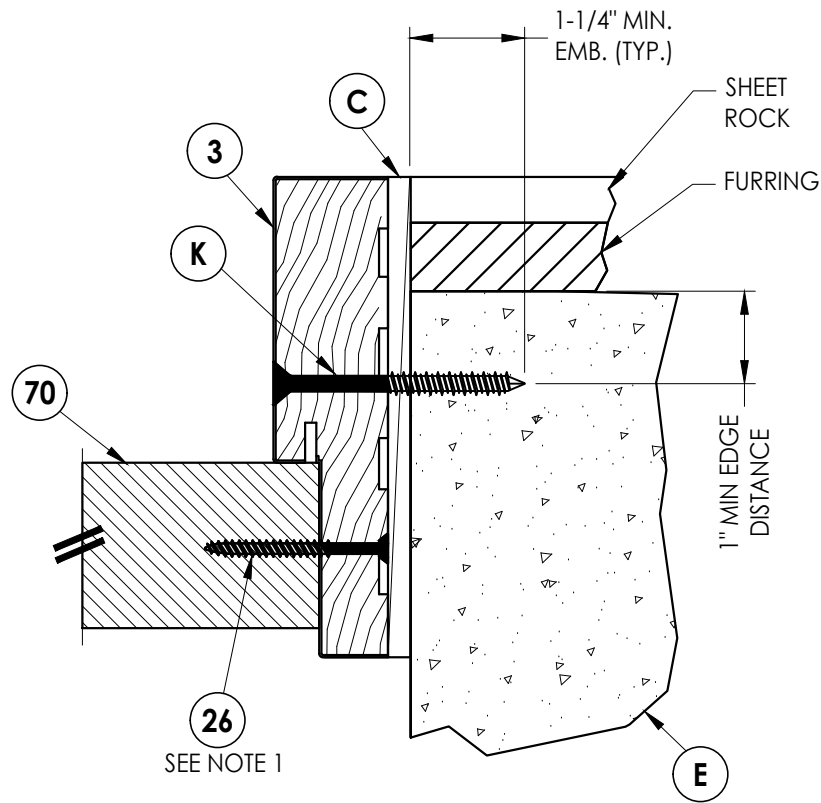
4
7 **VERTICAL CROSS SECTION**
Outswing only



1
7 **HORIZONTAL CROSS SECTION**
Outswing only

INTERIOR

EXTERIOR



2
7 **HORIZONTAL CROSS SECTION**
Outswing only

SEE NOTE 1

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

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

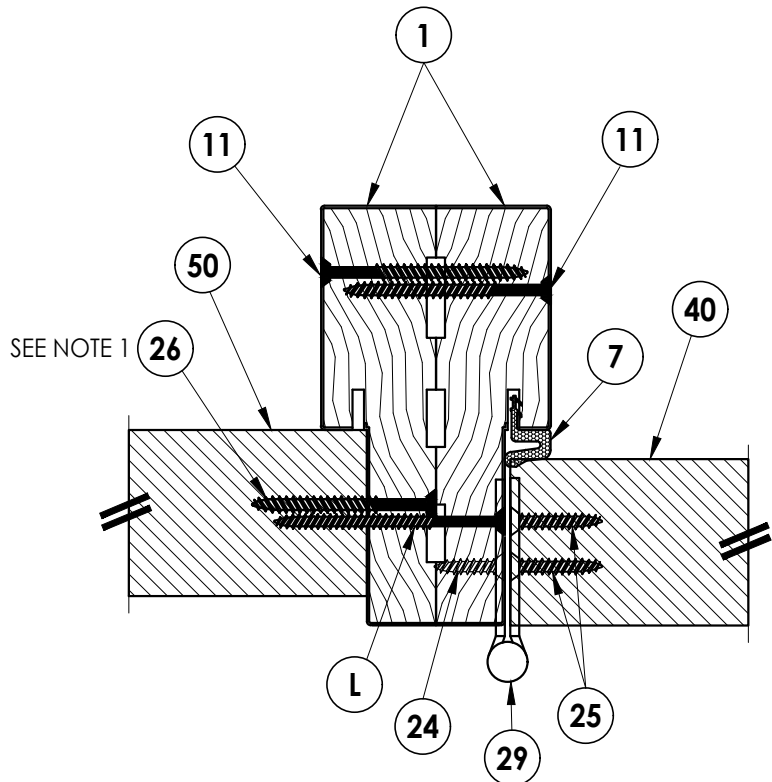
PRODUCT: TRINITY GLASS INT'L

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

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

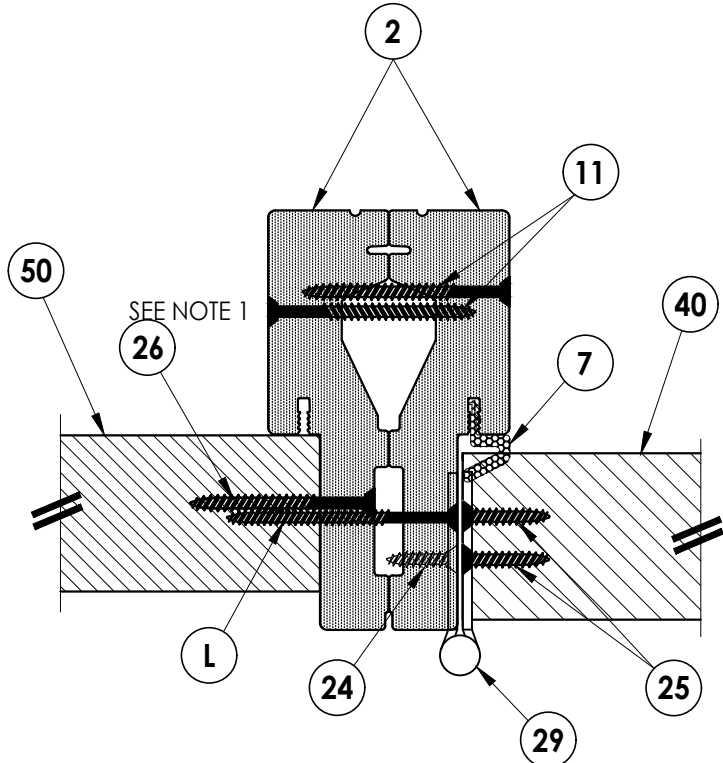
DATE: 4/15/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-25575.17
SHEET 7 OF 13

G:\2023 FBC Drawings 7-20-26\Trinity Glass International\FL-25575 R6\FL-25575.17-18.dwg

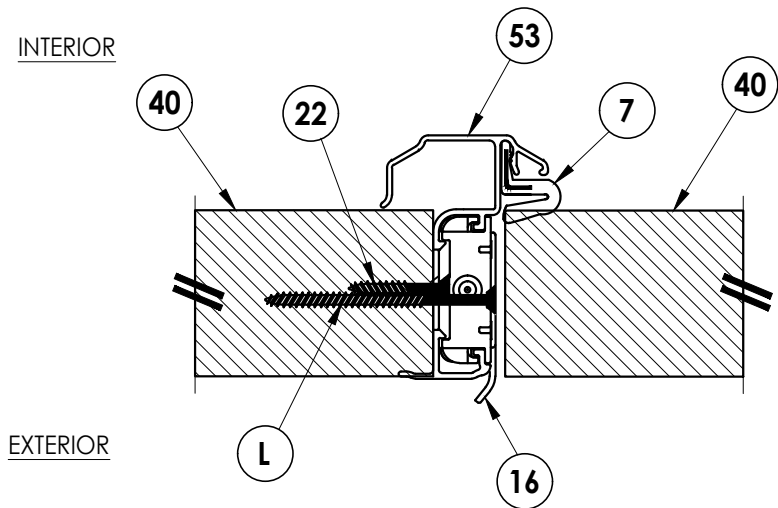


1
8 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved

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



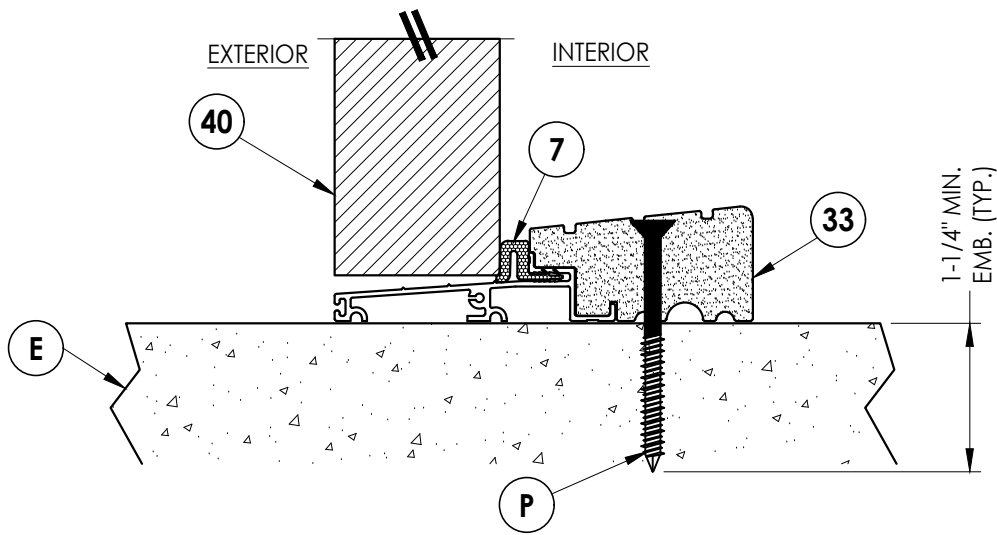
2
8 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved



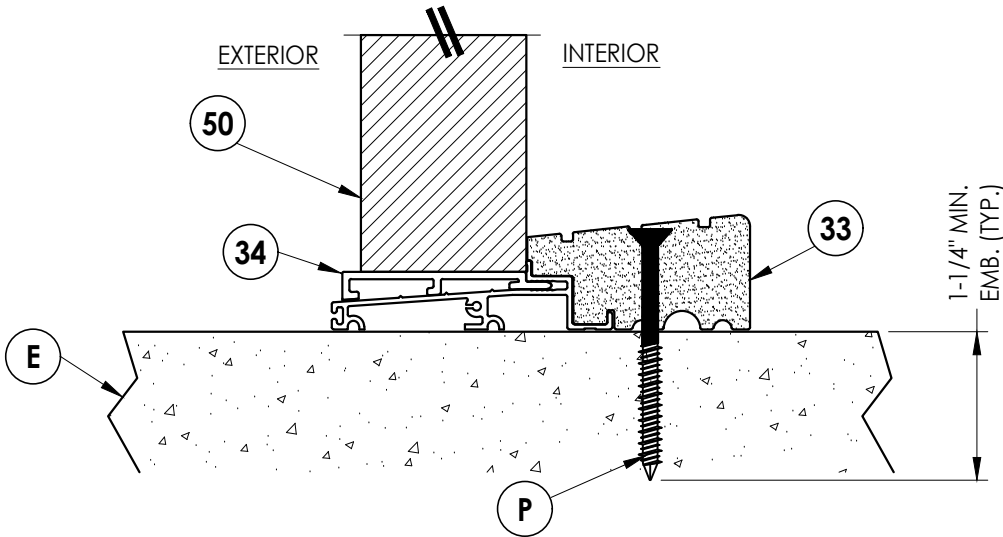
3
8 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved

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			
PRODUCT:		TRINITY GLASS INT'L		PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
				2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
				1	8/01/23	UPDATE TO 8TH ED. (2023)	FBC
				NO.	DATE		BY
REVISIONS							
DATE: 4/15/21							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-25575.17							
SHEET 8 OF 13							

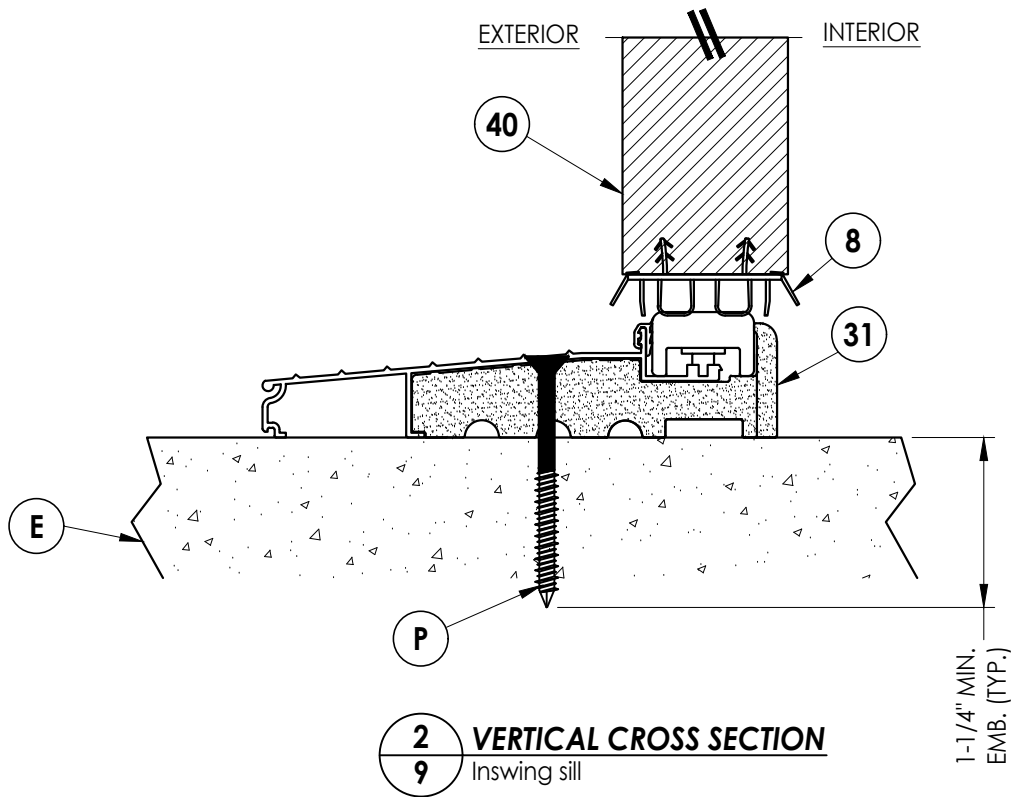
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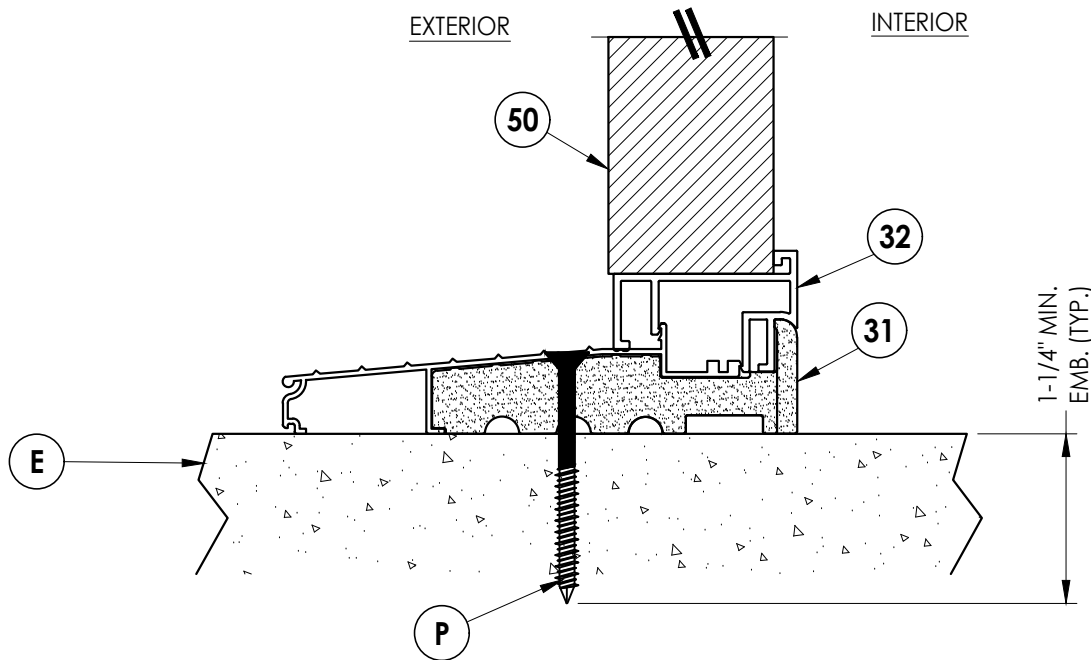
1 **VERTICAL CROSS SECTION**
9 Outswing sill - high dam



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



2 **VERTICAL CROSS SECTION**
9 Inswing sill



4 **VERTICAL CROSS SECTION**
9 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.

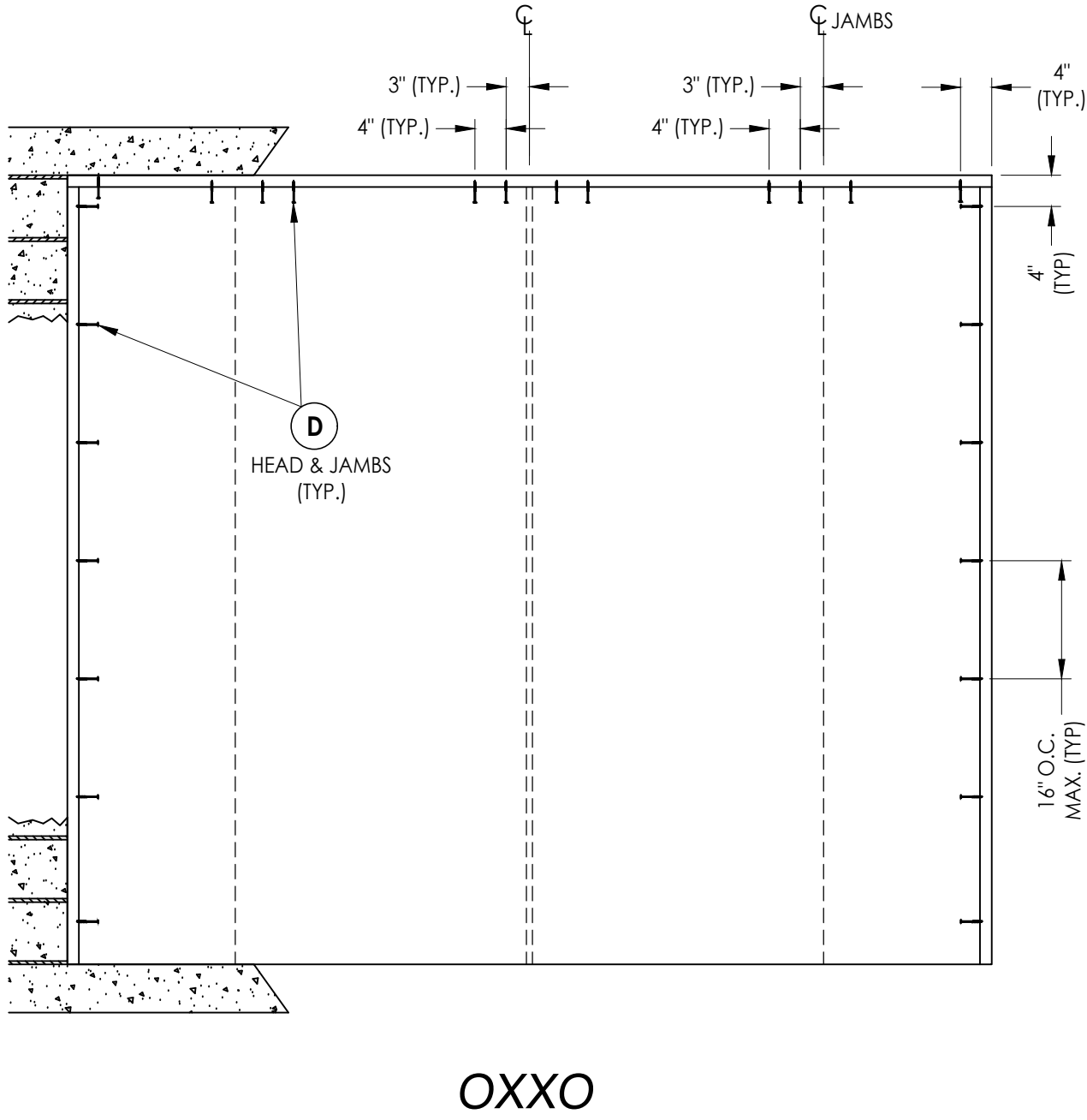
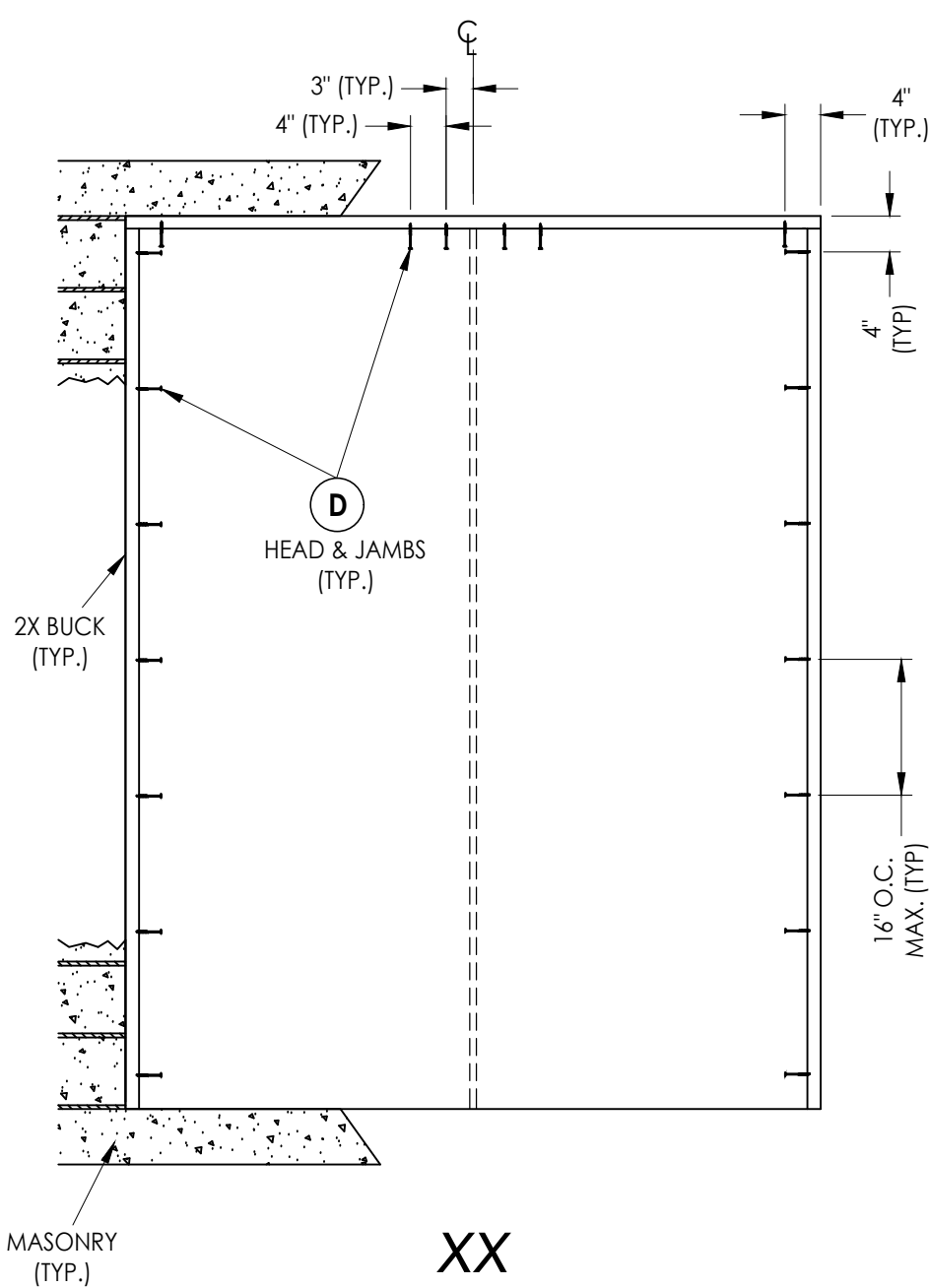
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-25575.17

SHEET 9 OF 13

G:\2023 FBC Drawings 7-20-26\Trinity Glass International\FL-25575 R6\FL-25575.17-18.dwg



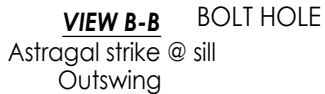
2X BUCK ANCHORING

DATE: 4/15/21		SHEET 10 OF 13	
SCALE: N.T.S.		DRAWING NO.: FL-25575.17	
DWG. BY: RW		CHK. BY: LFS	
2		7/01/26	
1		8/01/23	
NO.		DATE	
		REVISIONS	
		BY	
		LFS	
		FBC	
		UPDATE TO 8TH ED. (2023)	
		FBC	
		UPDATE TO 9TH ED. (2026)	
		FBC	
		LFS	
		PART OR ASSEMBLY:	
		BUCK ANCHORING	
		PRODUCT:	
		TRINITY GLASS INT'L	
		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	

G:\2023 FBC Drawings 7-20-26\Trinity Glass International\FL-25575 R6\FL-25575.17-18.dwg



FRAME ANCHORING

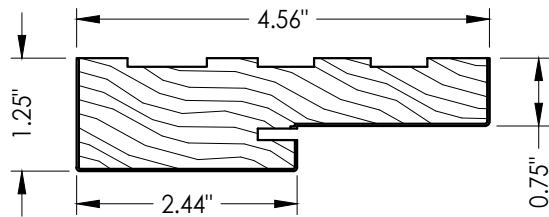


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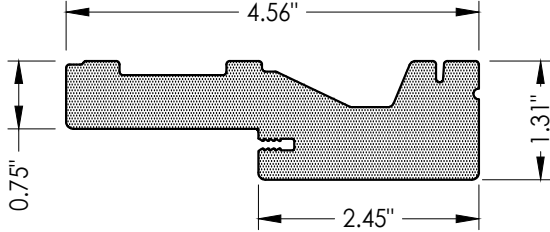
RM BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico, FL 33486

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

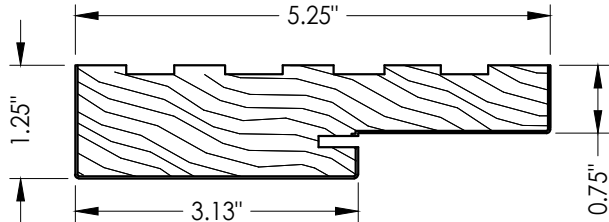
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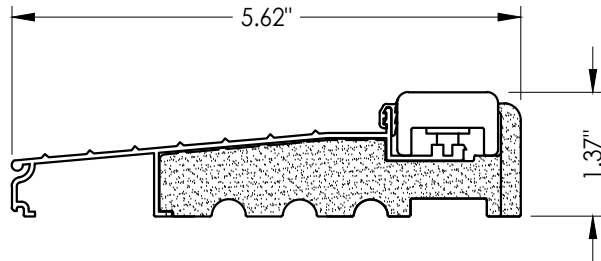
1 HEAD & JAMBS
FINGER JOINT PINE



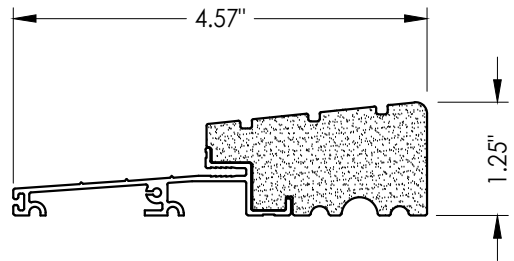
2 HEAD & JAMBS
PVC



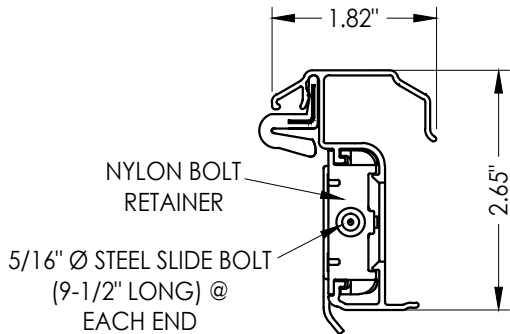
3 HEAD & JAMBS
FINGER JOINT PINE



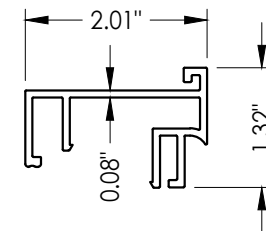
31 INSWING THRESHOLD



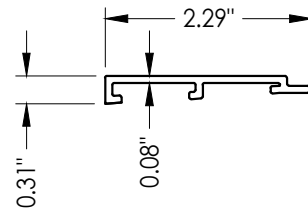
33 OUTSWING THRESHOLD
High-dam



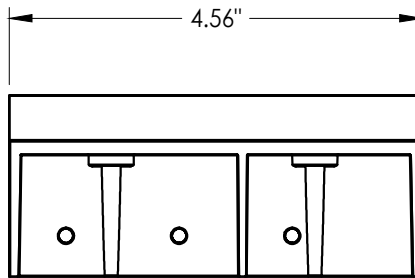
53 ULTIMATE HURRICANE ASTRAGAL
Endura Products



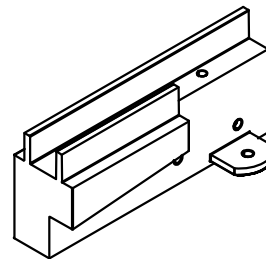
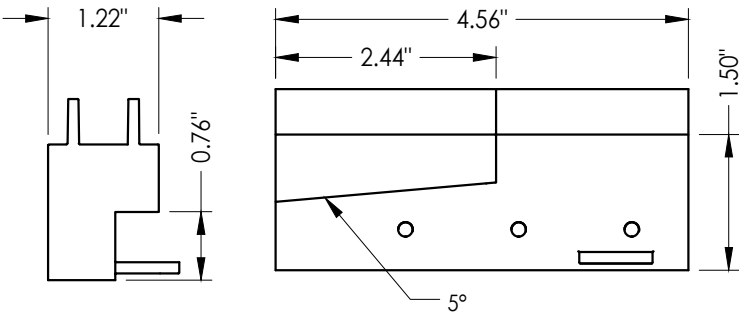
32 SIDELITE SPACER
Inswing



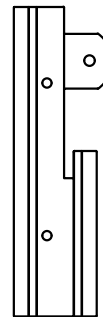
34 SIDELITE SPACER
Outswing



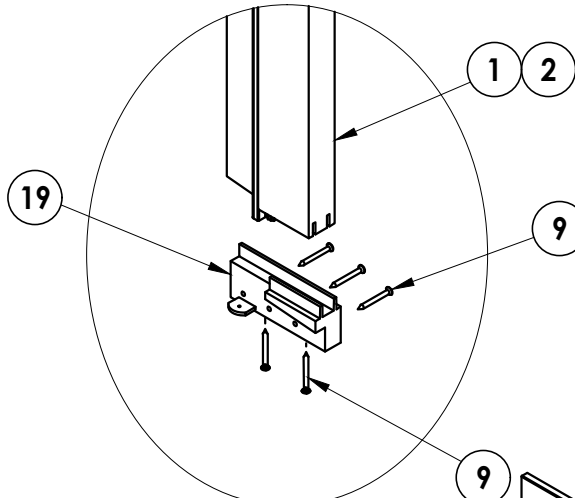
19 SILLKEY DETAILS
Optional



SILLKEY (LEFT)



SILLKEY (RIGHT)



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:
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
BY		

DATE: 4/15/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-25575.17

SHEET 12 OF 13

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
K	1/4" X 2-3/4" PFH DeWALT CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WS (1.15" MIN. EMBEDMENT)	STEEL
P	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	HEAD & JAMB (FINGER JOINT PINE: SG >= 0.42)	WOOD
2	HEAD & JAMB	PVC
3	HEAD & JAMB (5.25") (FINGER JOINT PINE: SG >= 0.42)	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	PVC
9	#6 X 1-1/4 PFH DRYWALL SCREW	STEEL
11	#9 X 2-1/4" PFH WOOD SCREW	STEEL
16	LATCH STRIKE PLATE	STEEL
17	DEADBOLT STRIKE PLATE	STEEL
19	SILLKEY	ABS
22	#8 X 1" FH WOOD SCREW	STEEL
24	#9 X 3/4" PFH WS	STEEL
25	#9 X 1" PFH WS	STEEL
26	#10 X 2" PFH WS	STEEL
27	#8 X 2-1/2" PFH WOOD SCREW	STEEL
28	#10 X 3" PFH WOOD SCREW	STEEL
29	4" X 4" HINGE	STEEL
31	INSWING THRESHOLD ALUMINUM w/ COMPOSITE SUBSTRATE	ALUM/ COMP
32	SIDELITE SPACER - INSWING	PVC
33	OUTSWING HIGH - DAM THRESHOLD ALUMINUM w/ COMPOSITE SUBSTRATE	ALUM/ COMP
34	SIDELITE SPACER - OUTSWING	PVC
40	DOOR PANEL	-
50	SIDELITE PANEL	-
53	ALUMINUM ASTRAGAL	ALUM
54	ASTRAGAL STRIKE PLATE	STEEL

CONCRETE ANCHOR NOTES:

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 BUILDDEX 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"

WOOD SCREW INSTALLATION NOTES:

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

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	
PRODUCT: TRINITY GLASS INT'L		PART OR ASSEMBLY: BILL OF MATERIALS	
2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
1	8/01/23	UPDATE TO 8TH ED. (2023)	FBC LFS
NO.	DATE		BY
			REVISIONS
DATE: 4/15/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-25575.17			
SHEET 13 OF 13			