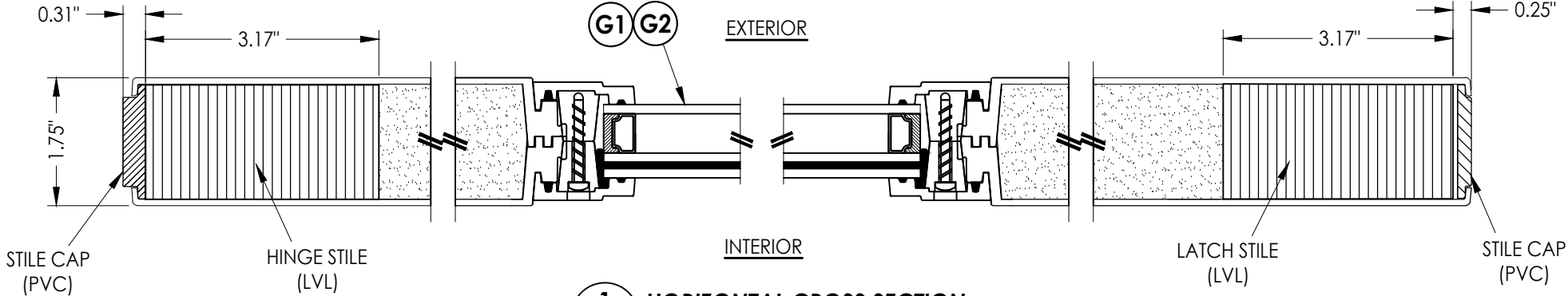


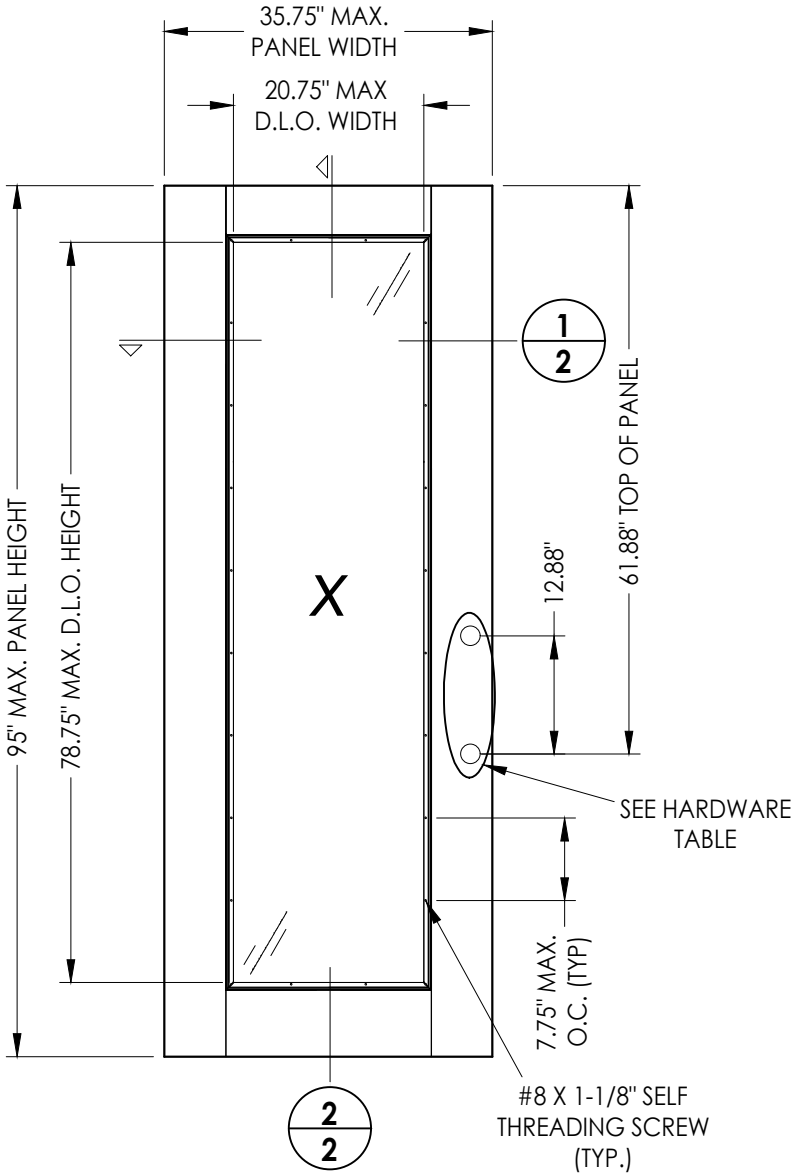


33615 1st Way S, Federal Way, WA 98003

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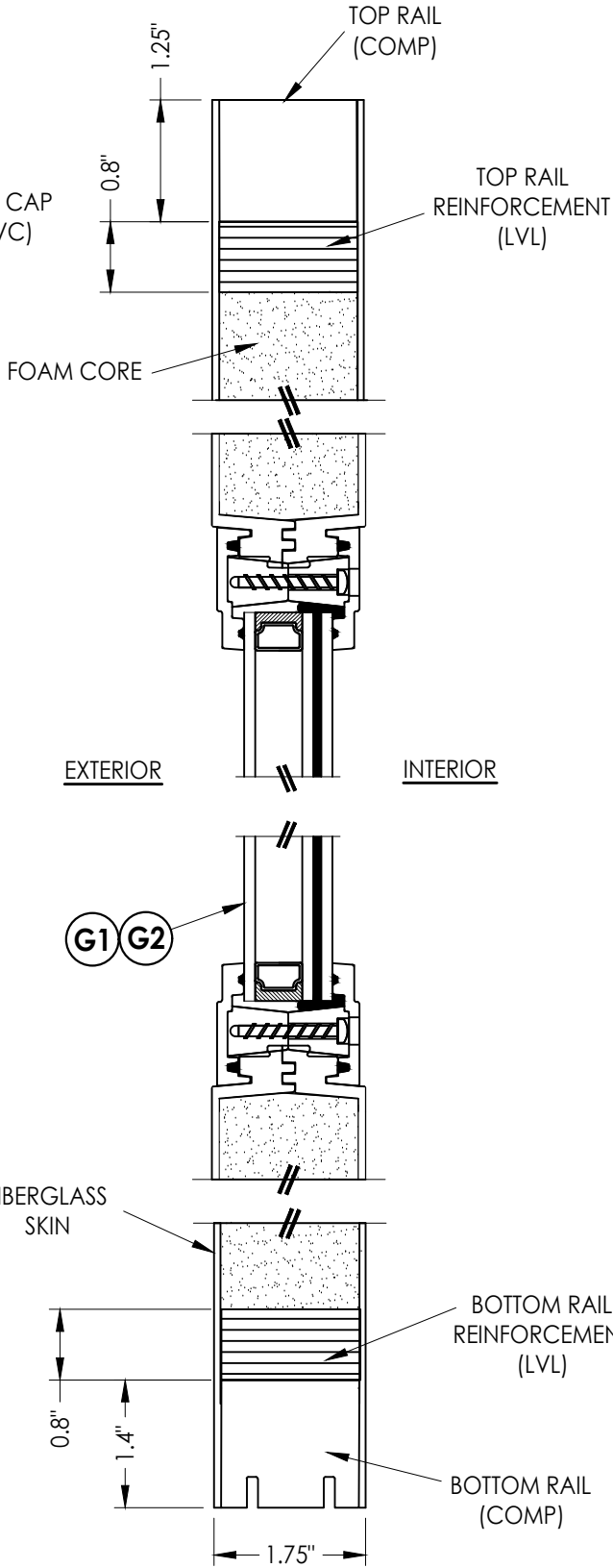


1
2 **HORIZONTAL CROSS SECTION**



2
2 **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**

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

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

R.W. 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

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

DATE: 4/15/21

SCALE: N.T.S.

DWG. BY: RW

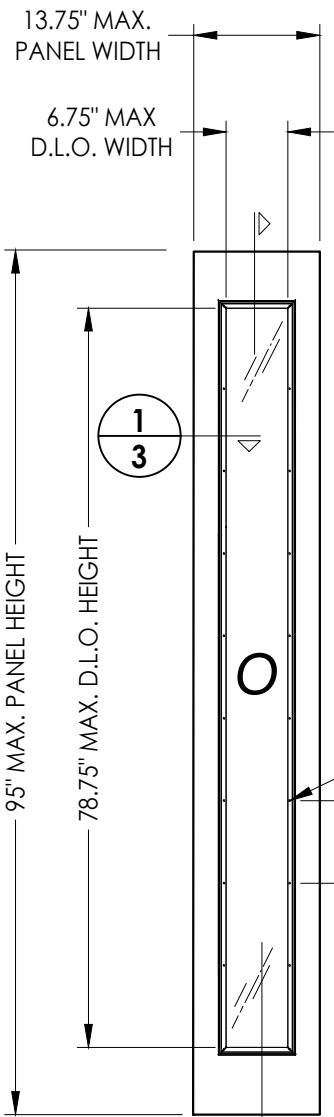
CHK. BY: LFS

DRAWING NO.:

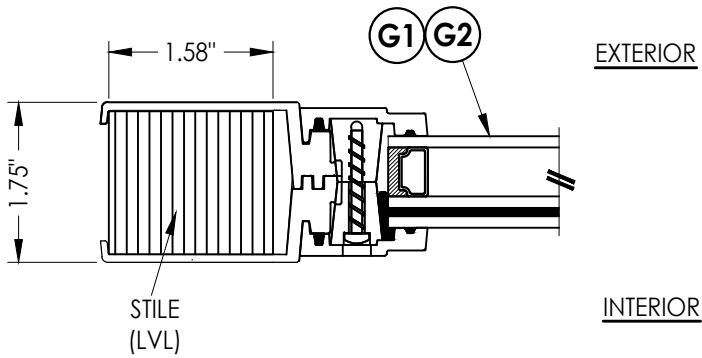
FL-25575.17

SHEET 2 OF 13

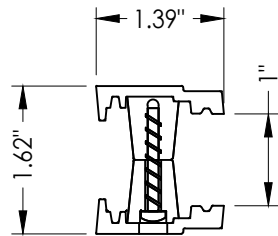
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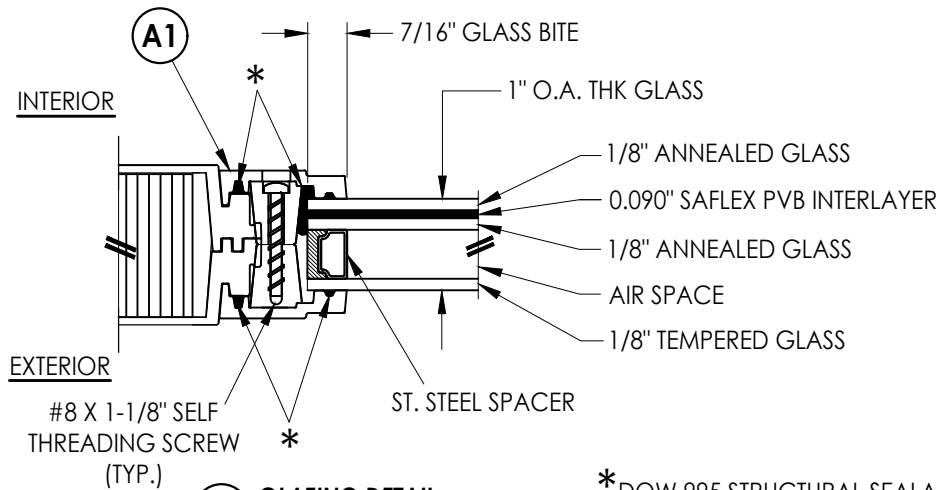
50 SIDELITE PANEL
Fiberglass



1/3 HORIZONTAL CROSS SECTION

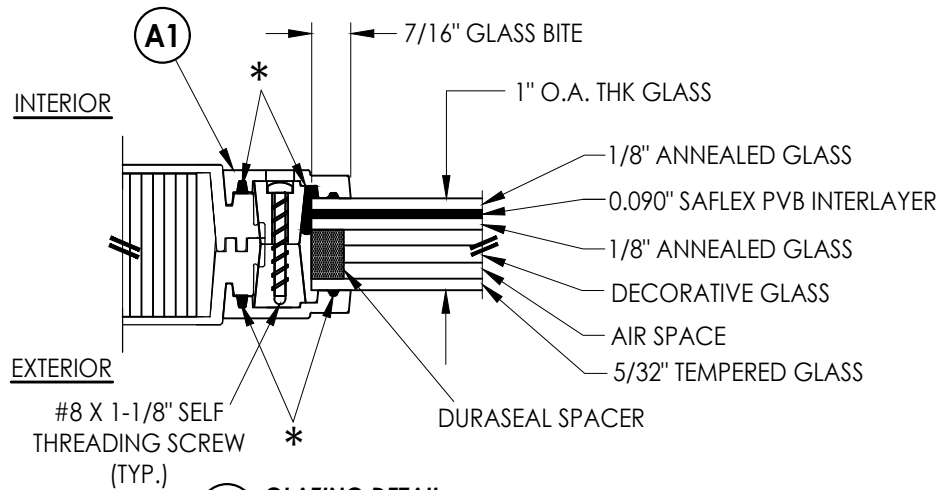


A1 LITE FRAME

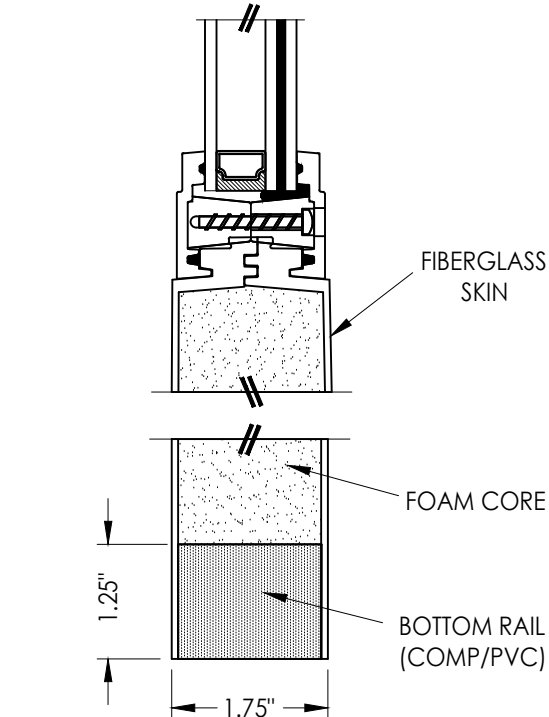
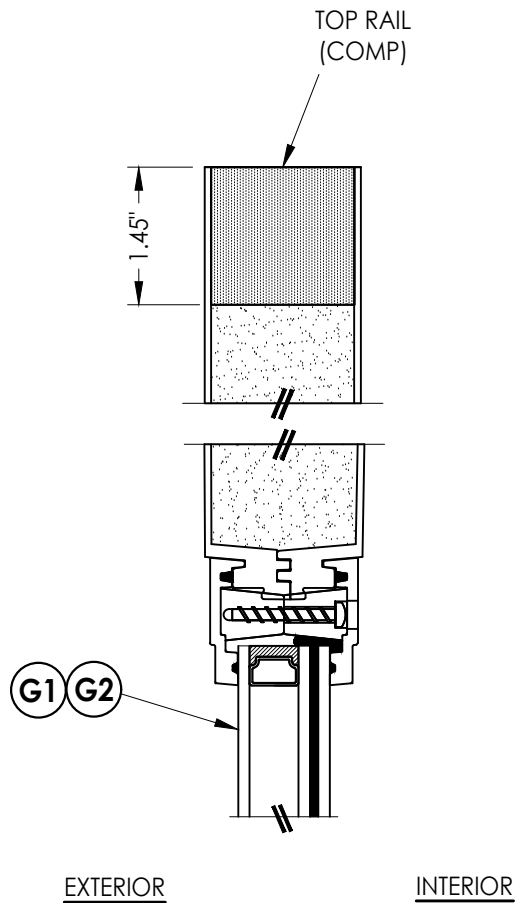


G1 GLAZING DETAIL
DUAL GLAZED

*DOW 995 STRUCTURAL SEALANT



G2 GLAZING DETAIL
TRIPLE GLAZED



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	BY	REVISIONS
1	8/01/23	LFS	UPDATE TO 8TH ED. (2023) FBC

DATE: 4/15/21

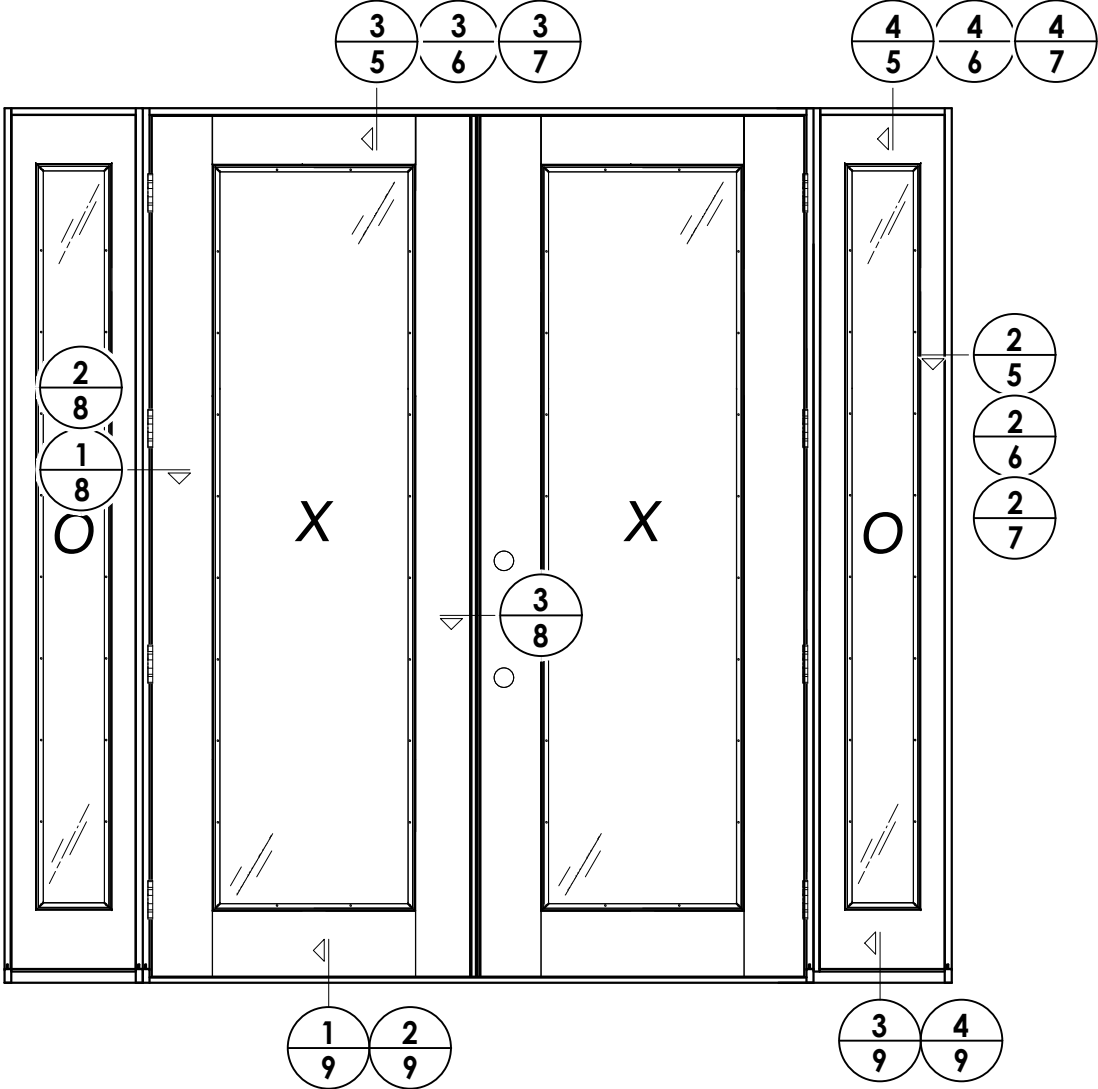
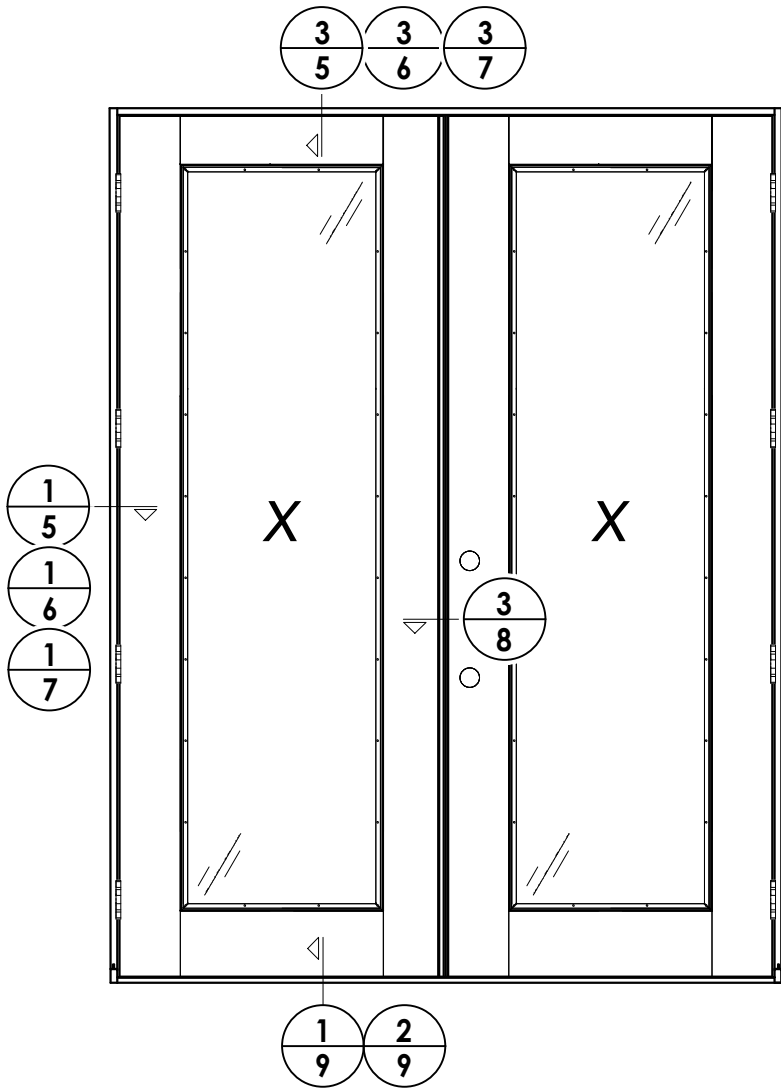
SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-25575.17

SHEET 3 OF 13



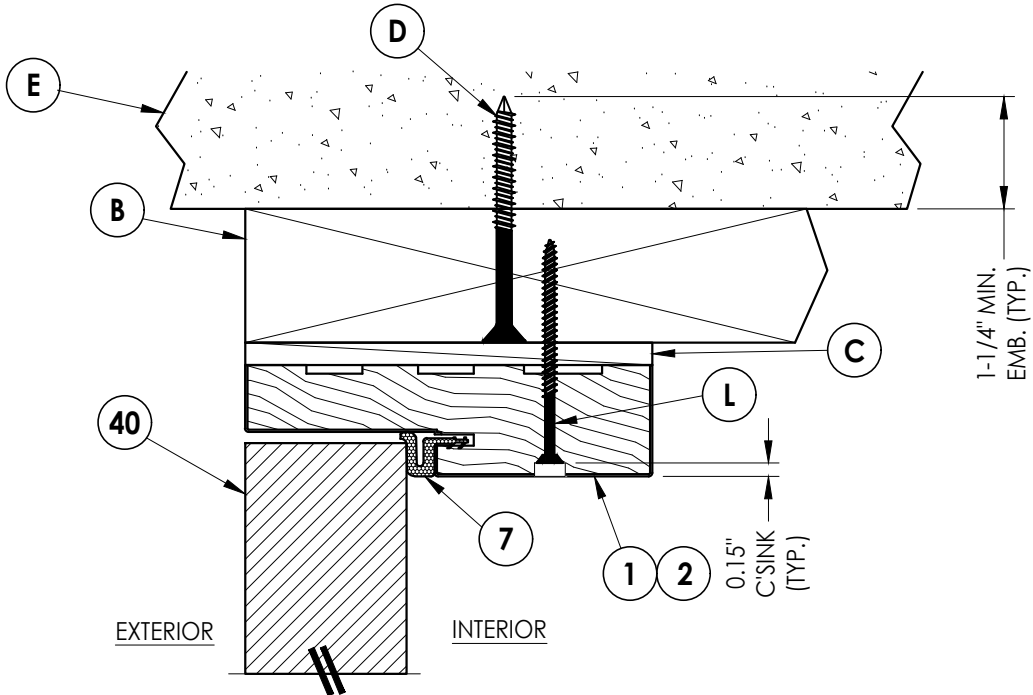
DATE: 4/15/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-25575.17
SHEET 4 OF 13

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

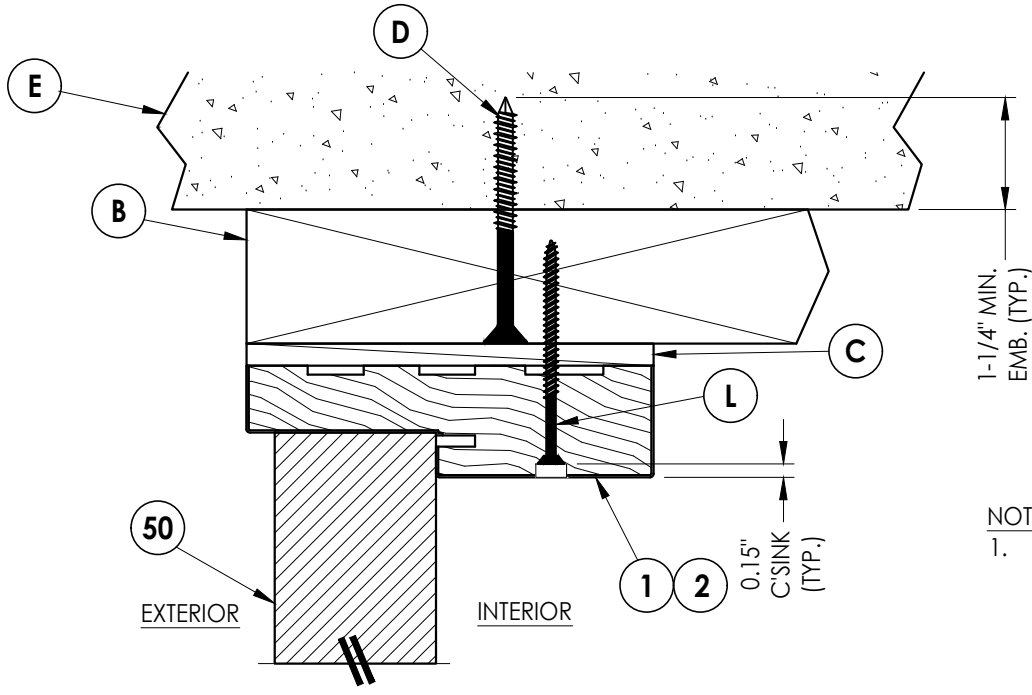
PRODUCT: TRINITY GLASS INT'L
PART OR ASSEMBLY: ELEVATIONS

Documents Prepared By:
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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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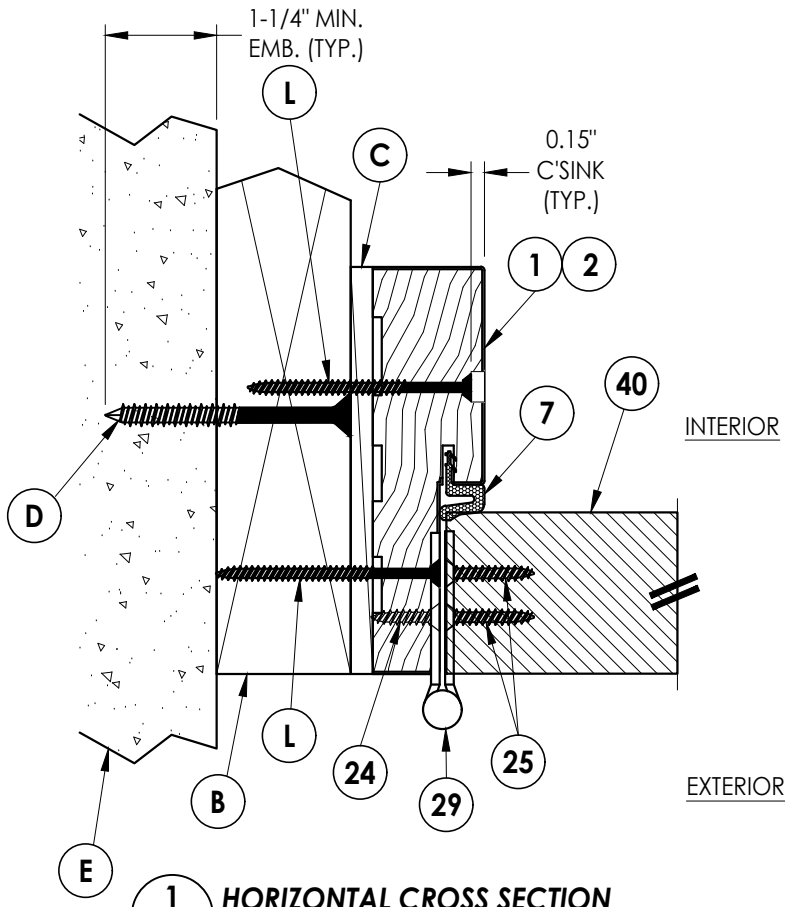


3 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

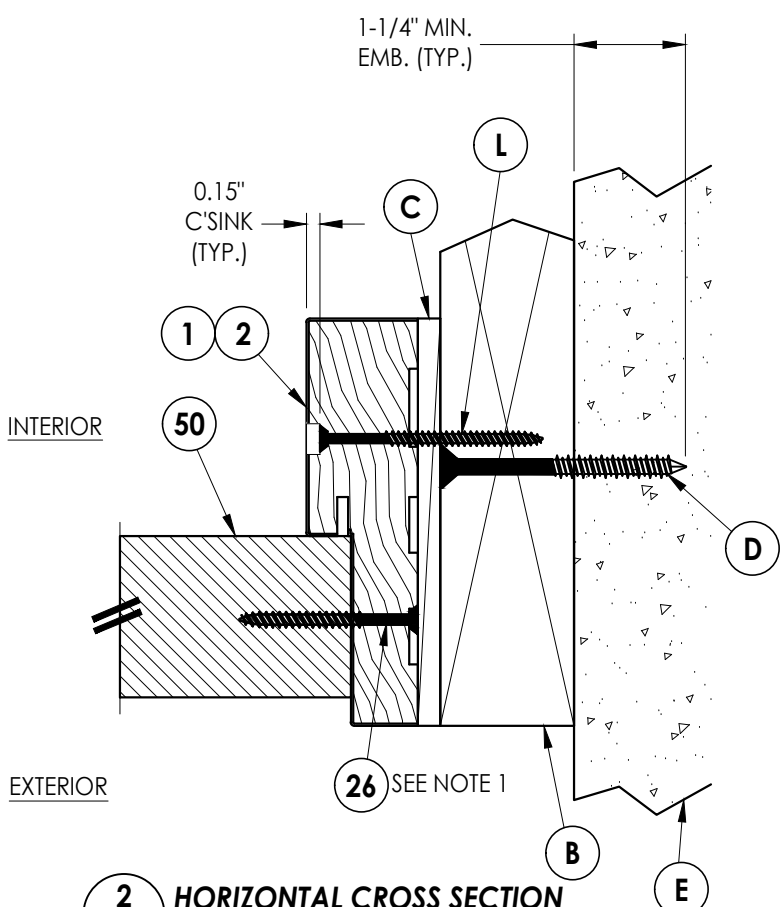


4 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

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)	
NO.	DATE	UPDATE TO 8TH ED. (2023)	FBC
1	8/01/23	BY	
DATE: 4/15/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-25575.17			
SHEET 5 OF 13			

A detailed cross-section diagram of a parapet wall assembly. The diagram is divided into two main sections: 'EXTERIOR' on the left and 'INTERIOR' on the right. The exterior side shows a sloped concrete surface (labeled E) with aggregate, a horizontal concrete layer (labeled A), and a vertical concrete section (labeled 50). The interior side shows a horizontal concrete layer (labeled C), a vertical concrete section (labeled 1 and 2), and a sloped concrete surface (labeled F) with aggregate. A vertical dimension line on the right indicates a height of '1-1/4" MIN. EMB. (TYP.)'. A vertical reinforcement bar (labeled F) is shown passing through the wall assembly.

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

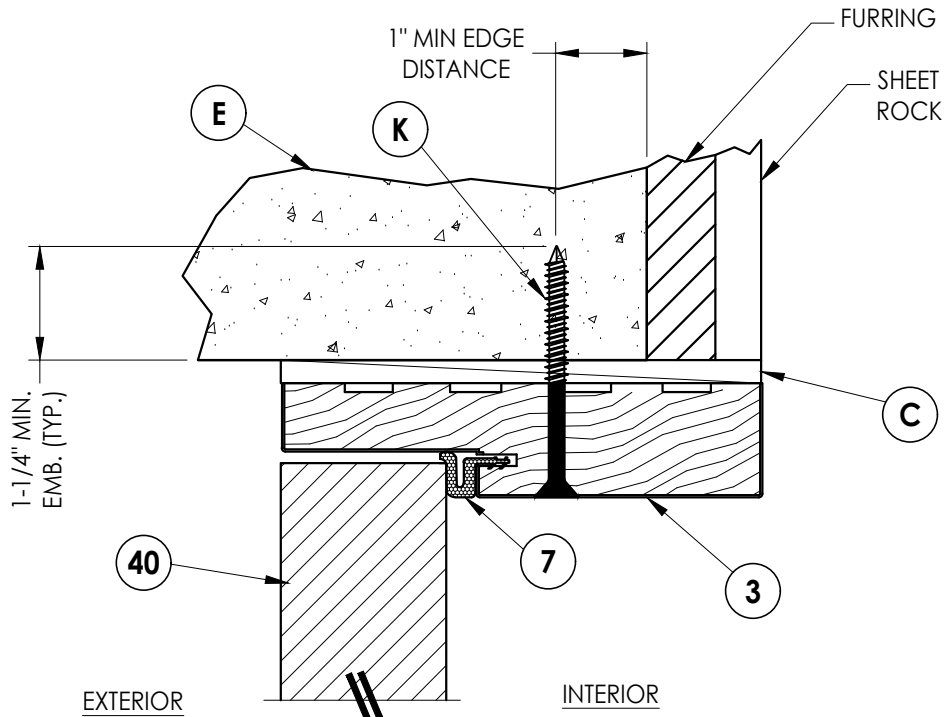
Diagram illustrating a horizontal cross section of a door assembly, showing the interior and exterior views. The diagram includes callouts for various components:

- 1**: Door frame or jamb.
- 2**: Door leaf.
- 7**: Weatherstripping or seal.
- 40**: Threshold or sill.
- A**: Hinge pin.
- 24**: Hinge plate.
- 25**: Hinge leaf.
- 29**: Hinge pin.
- E**: Door edge.
- F**: Weatherstripping or seal.
- G**: Weatherstripping or seal.
- C**: Door frame or jamb.

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

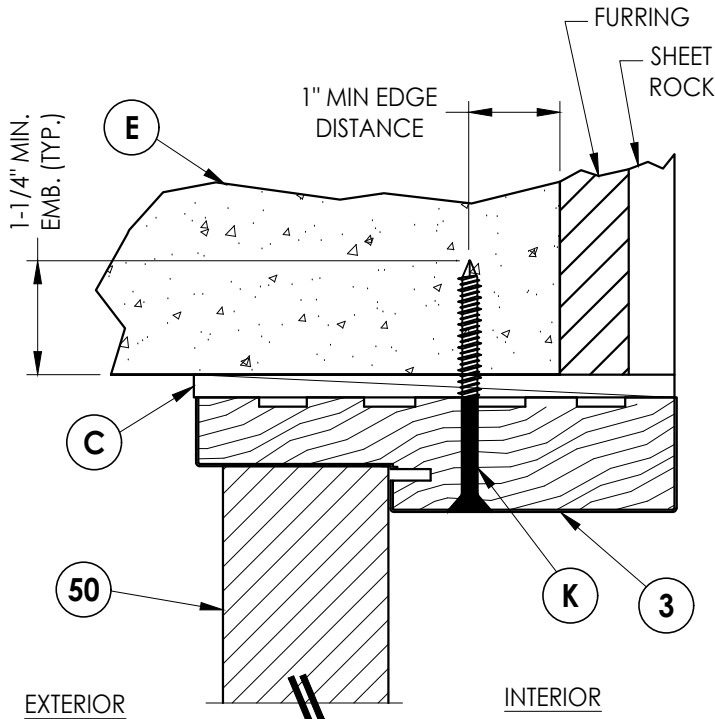
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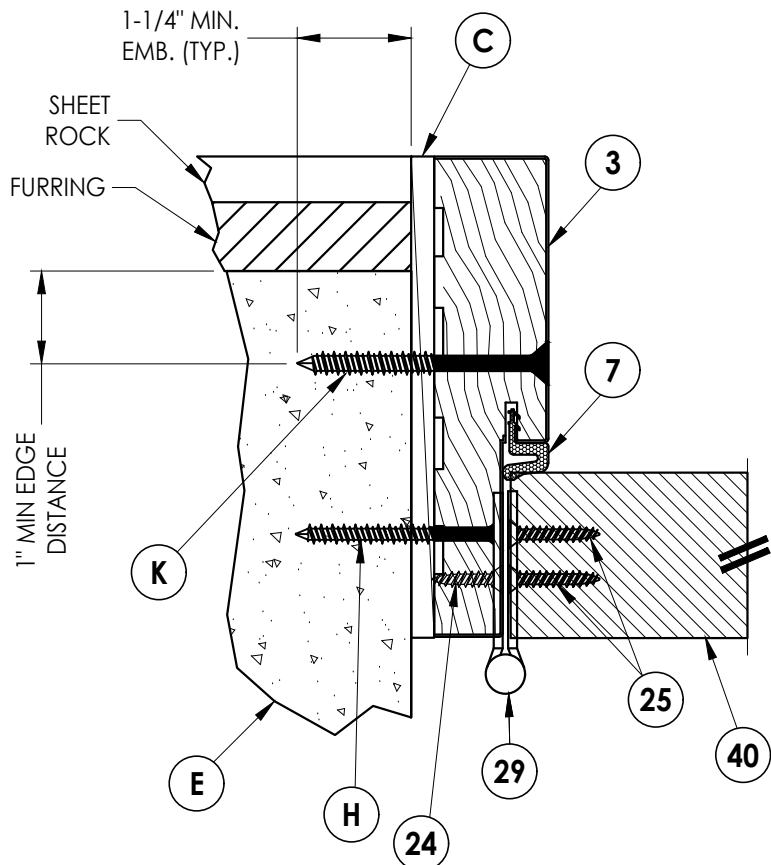


3
7 **VERTICAL CROSS SECTION**
Outswing only

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



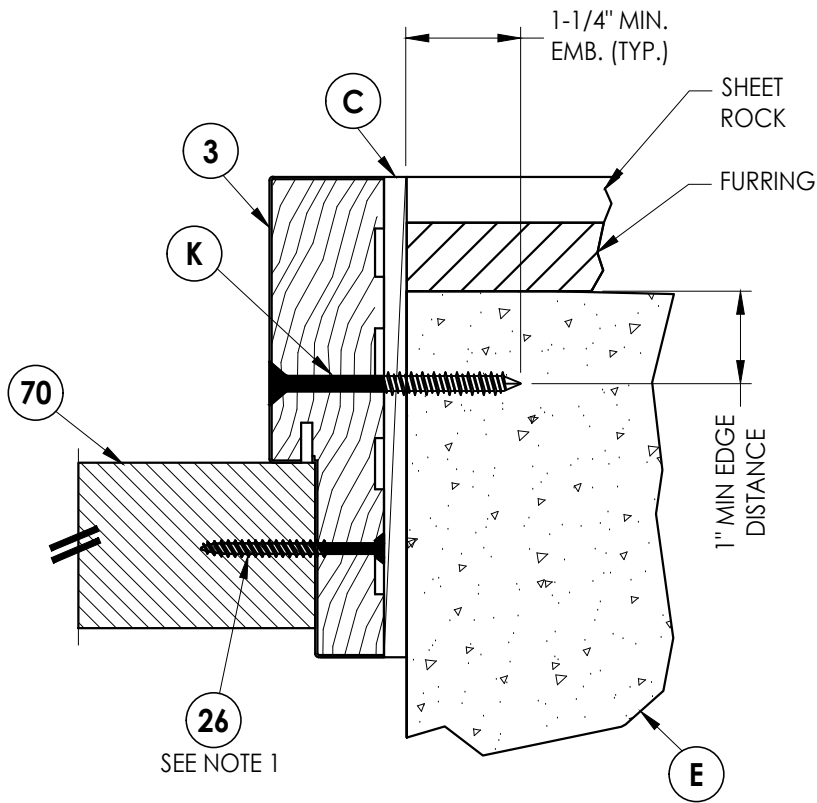
4
7 **VERTICAL CROSS SECTION**
Outswing only



1
7 **HORIZONTAL CROSS SECTION**
Outswing only

INTERIOR

EXTERIOR



2
7 **HORIZONTAL CROSS SECTION**
Outswing only

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 (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
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 7 OF 13



EXTERIOR

NOTE:

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



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

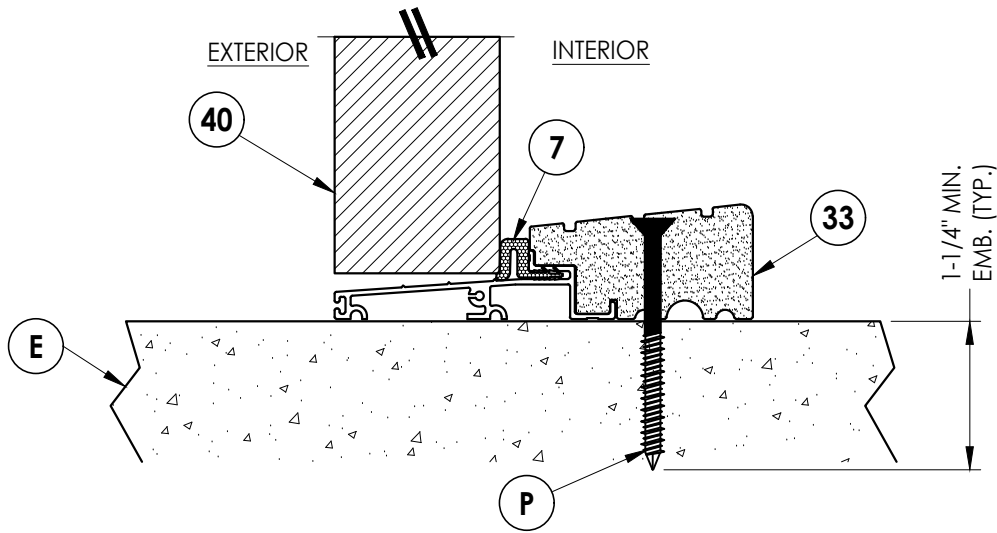


3 **HORIZONTAL CROSS SECTION**
8 Outswing shown - Inswing also approved

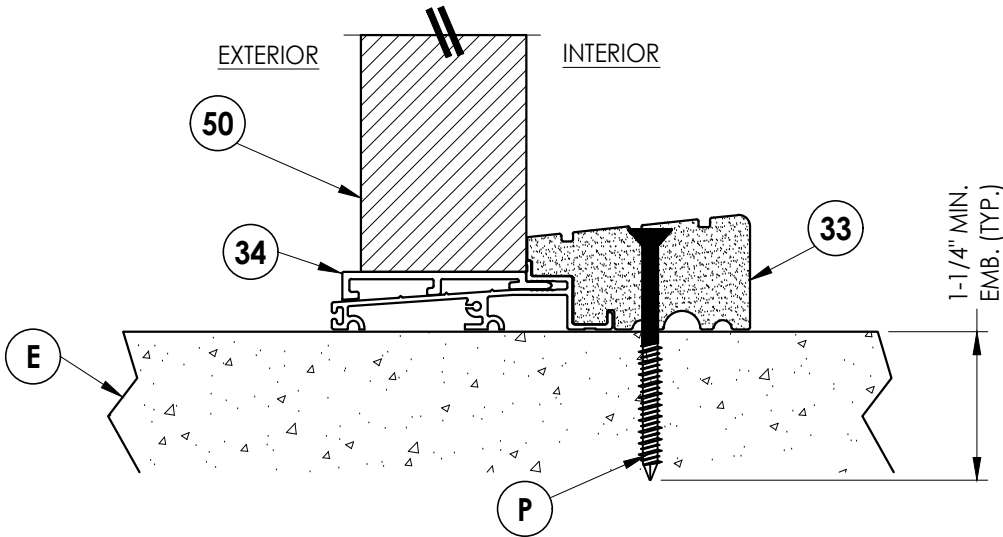
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

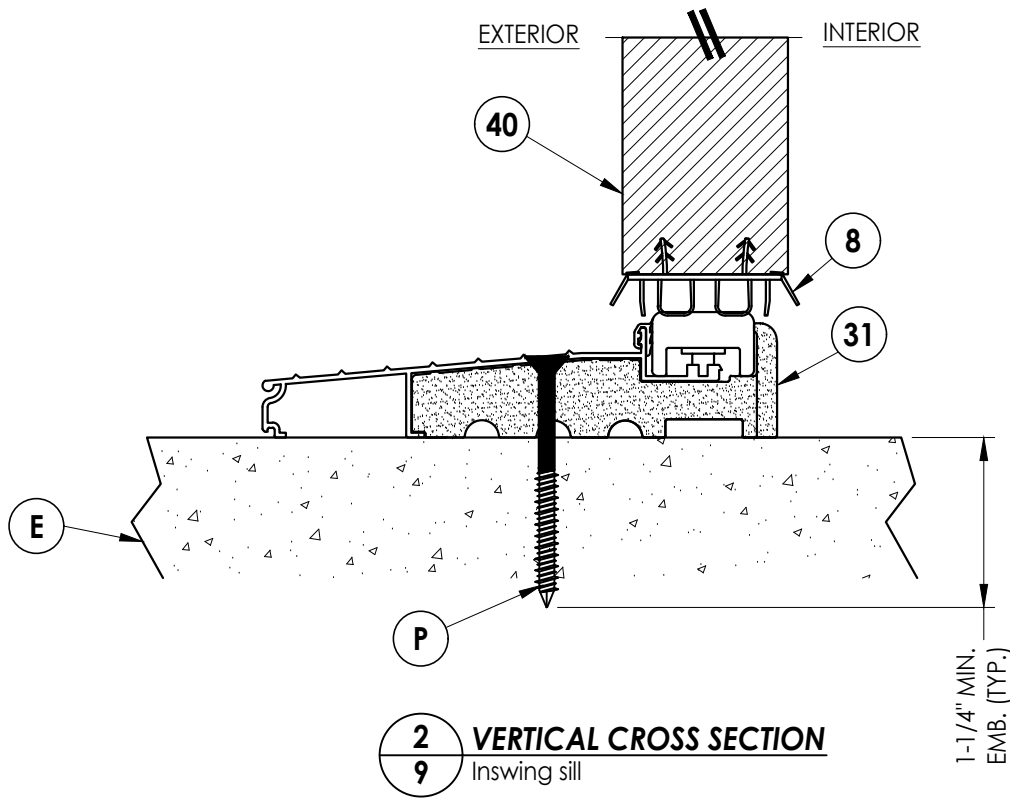
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



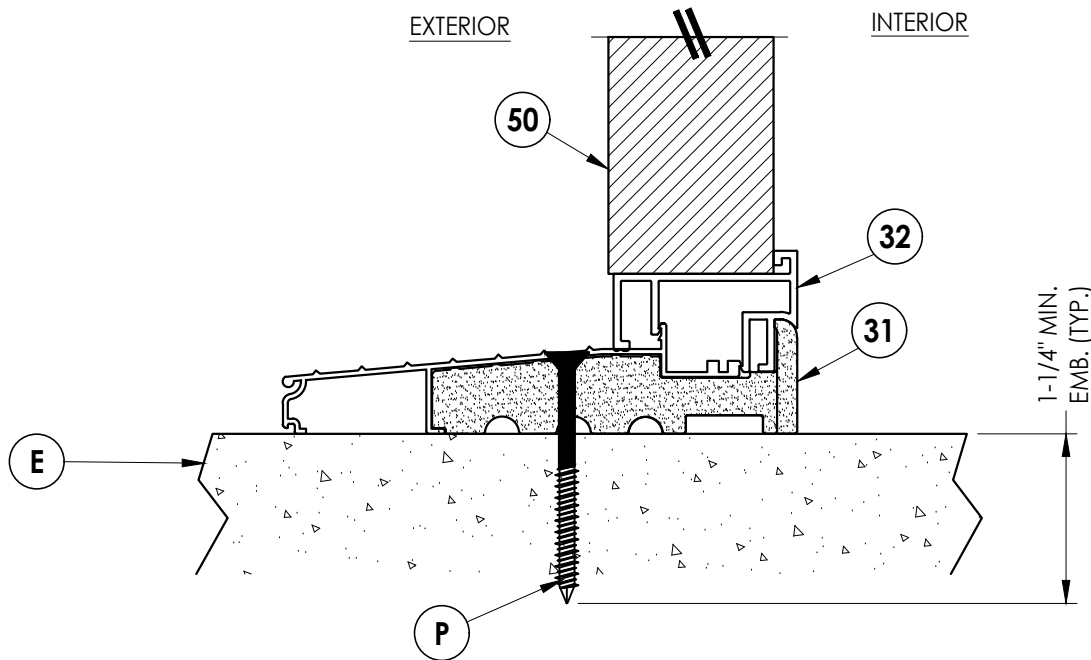
1 **VERTICAL CROSS SECTION**
9 Outswing sill - high dam



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
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 9 OF 13

Technical drawing of a window or door frame assembly. The drawing shows a cross-section of the frame with various dimensions and components labeled.

Key dimensions and labels include:

- 3" (TYP.)** and **4" (TYP.)**: Dimensions for the top and bottom frame sections.
- 4" (TYP.)**: Dimension for the side frame section.
- 16" O.C. MAX. (TYP)**: Maximum opening clearance dimension.
- HEAD & JAMBS (TYP.)**: Label for the top and side frame sections.
- OXXO**: Label for the bottom frame section.
- JAMBS**: Label for the side frame section.
- D**: A circular callout pointing to the head and jamb area.

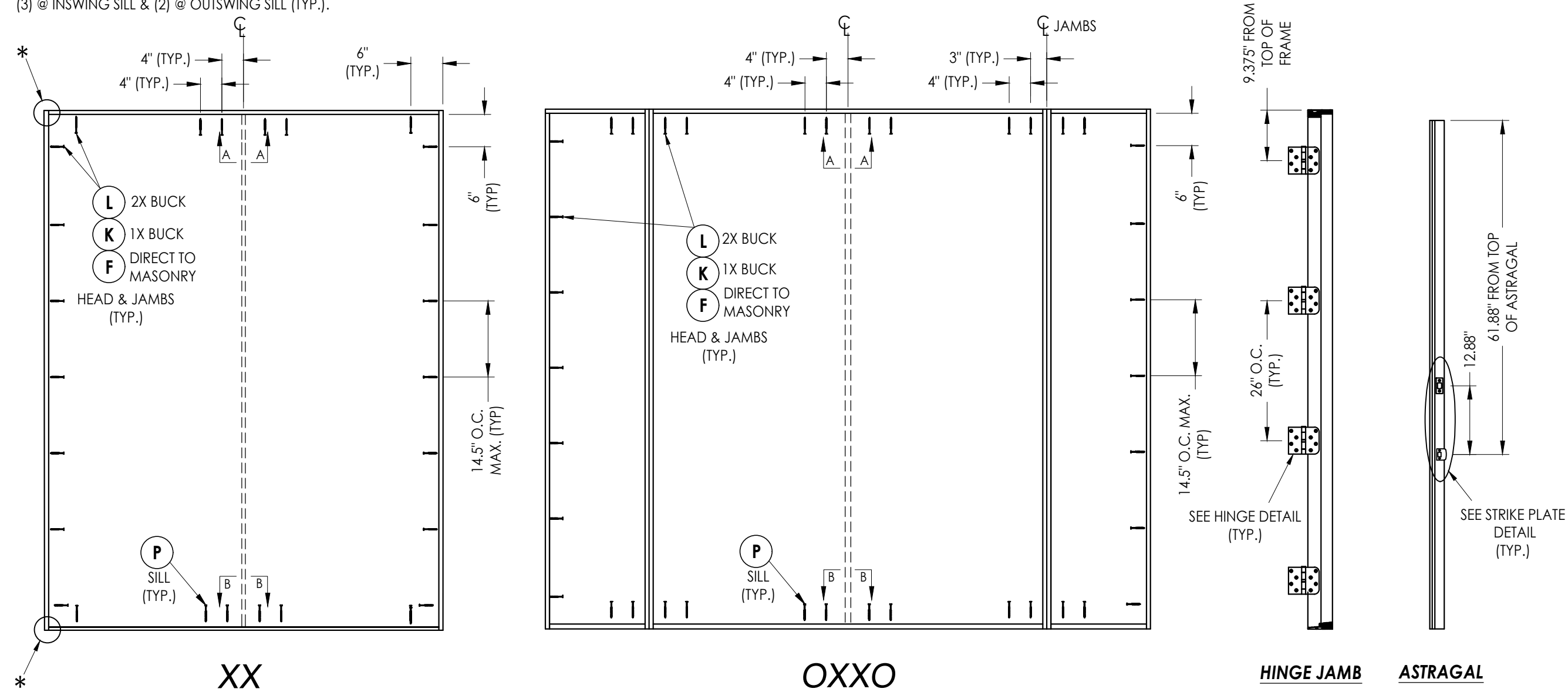
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

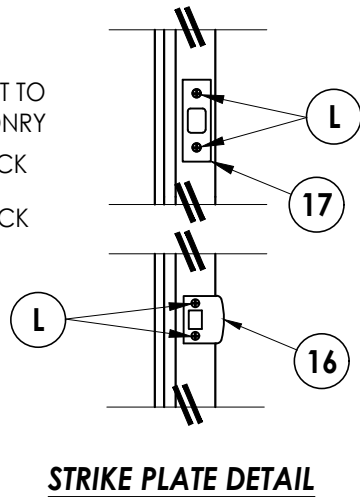
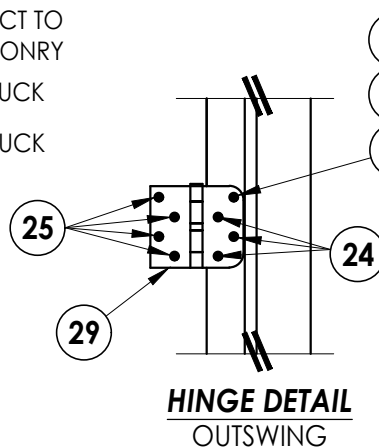
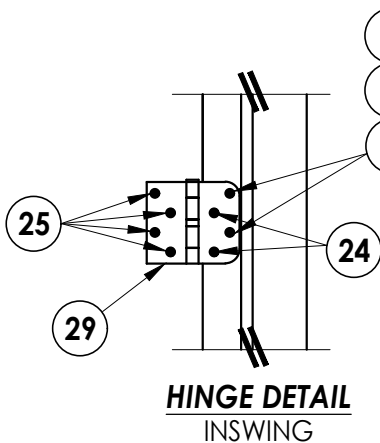
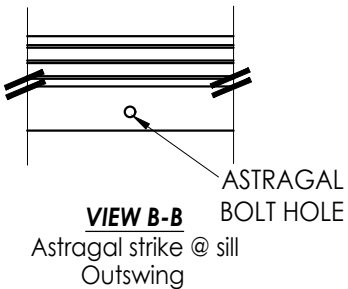
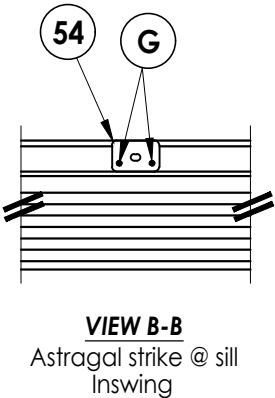
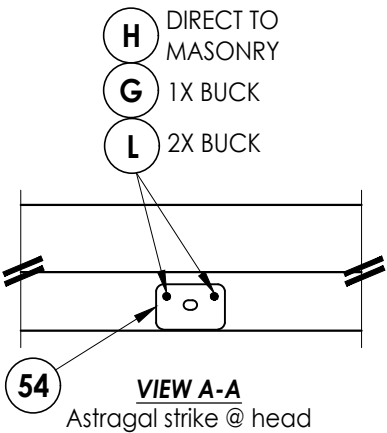
R^qW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.17-18.dwg

* NOTE: FRAME CORNERS ATTACHED w/ #8 X 2" COURSE THREAD DRYWALL SCREWS: (3) @ HEAD, (3) @ INSWING SILL & (2) @ OUTSWING SILL (TYP.).



FRAME ANCHORING

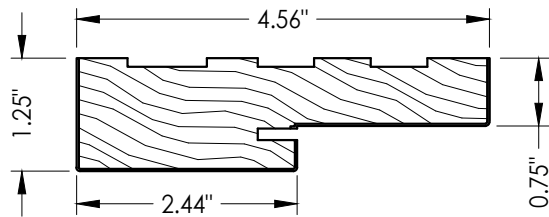


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: TRINITY GLASS INT'L		PART OR ASSEMBLY: FRAME ANCHORING	

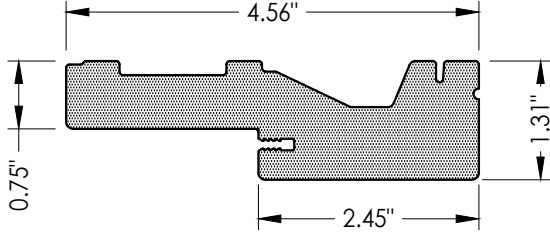
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

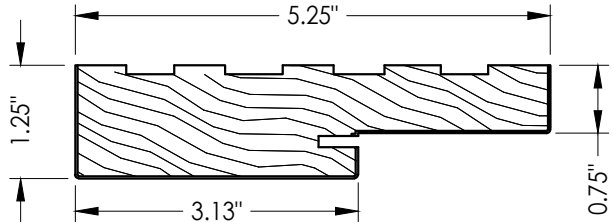
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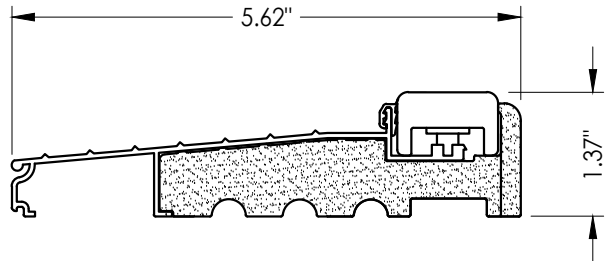
1 HEAD & JAMBS
FINGER JOINT PINE



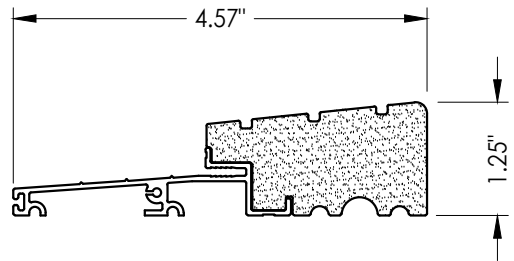
2 HEAD & JAMBS
PVC



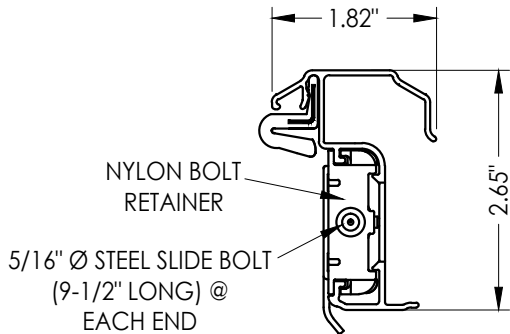
3 HEAD & JAMBS
FINGER JOINT PINE



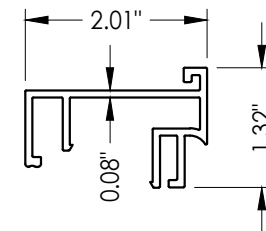
31 INSWING THRESHOLD



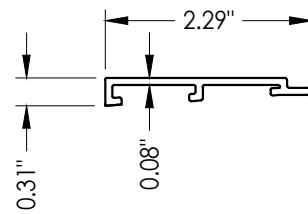
33 OUTSWING THRESHOLD
High-dam



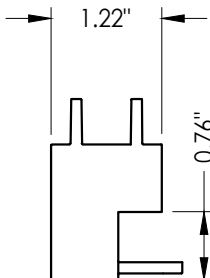
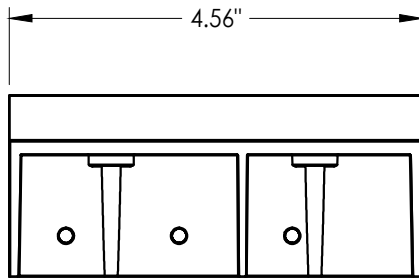
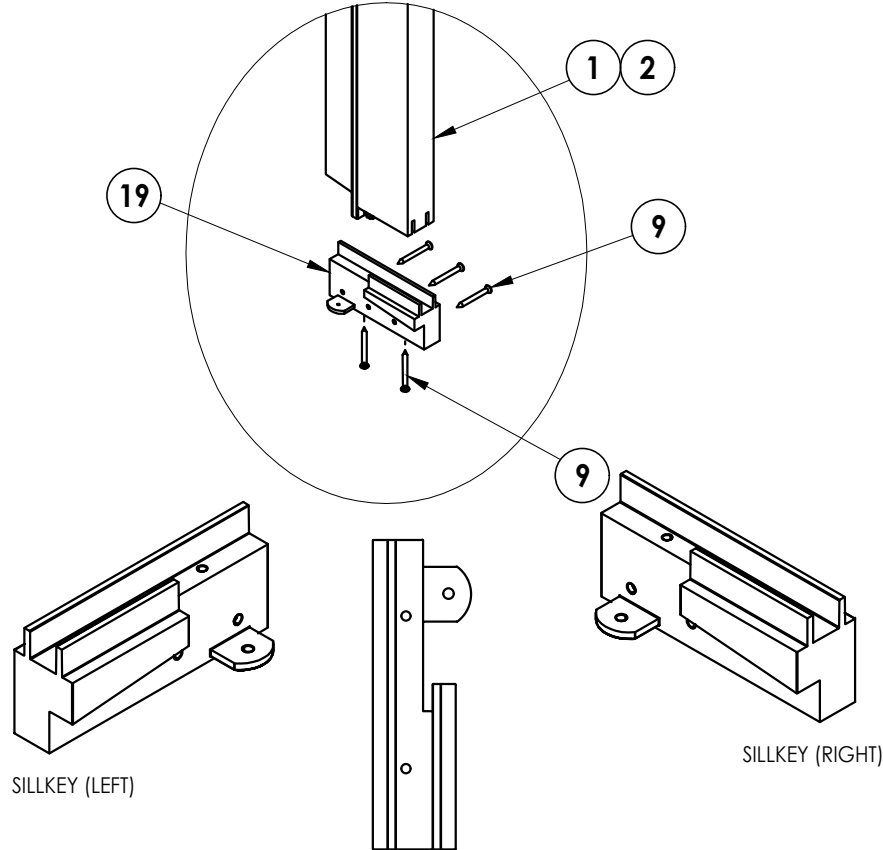
53 ULTIMATE HURRICANE ASTRAGAL
Endura Products



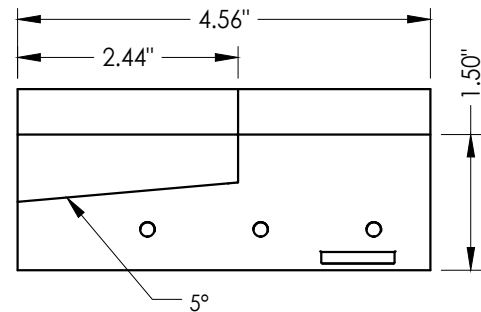
32 SIDELITE SPACER
Inswing



34 SIDELITE SPACER
Outswing



19 SILLKEY DETAILS
Optional



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
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 BUILDEX TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®+	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.

[illegible]