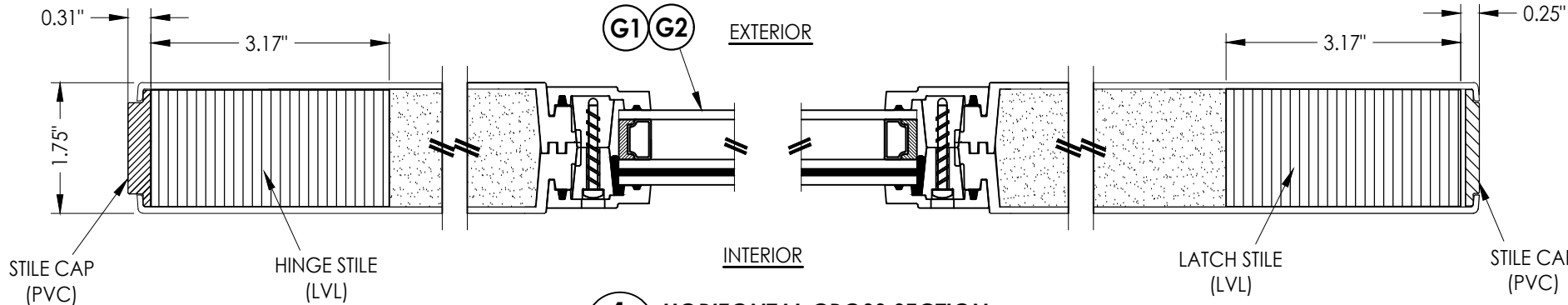




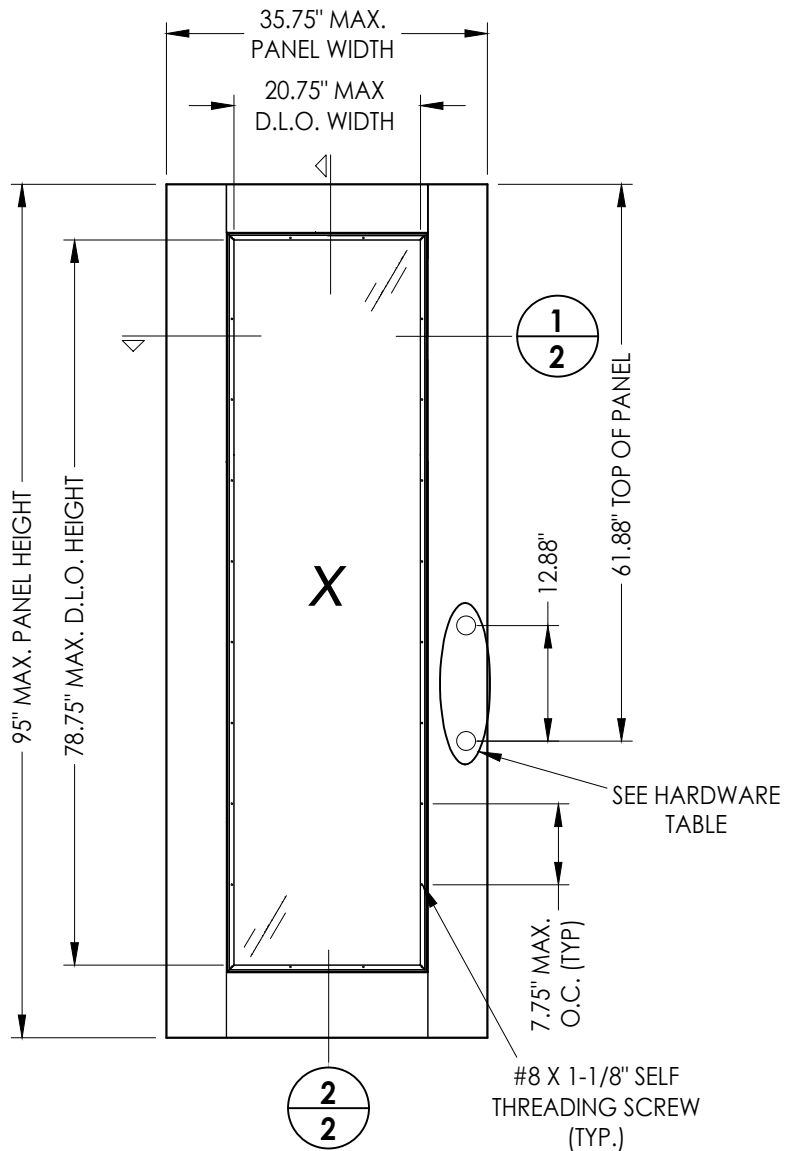
CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X, OX, XO, OXO	+40.0	-45.0	+45.0	-45.0

DATE:	4/15/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-25575.16
SHEET	1 OF 13

Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.16.dwg



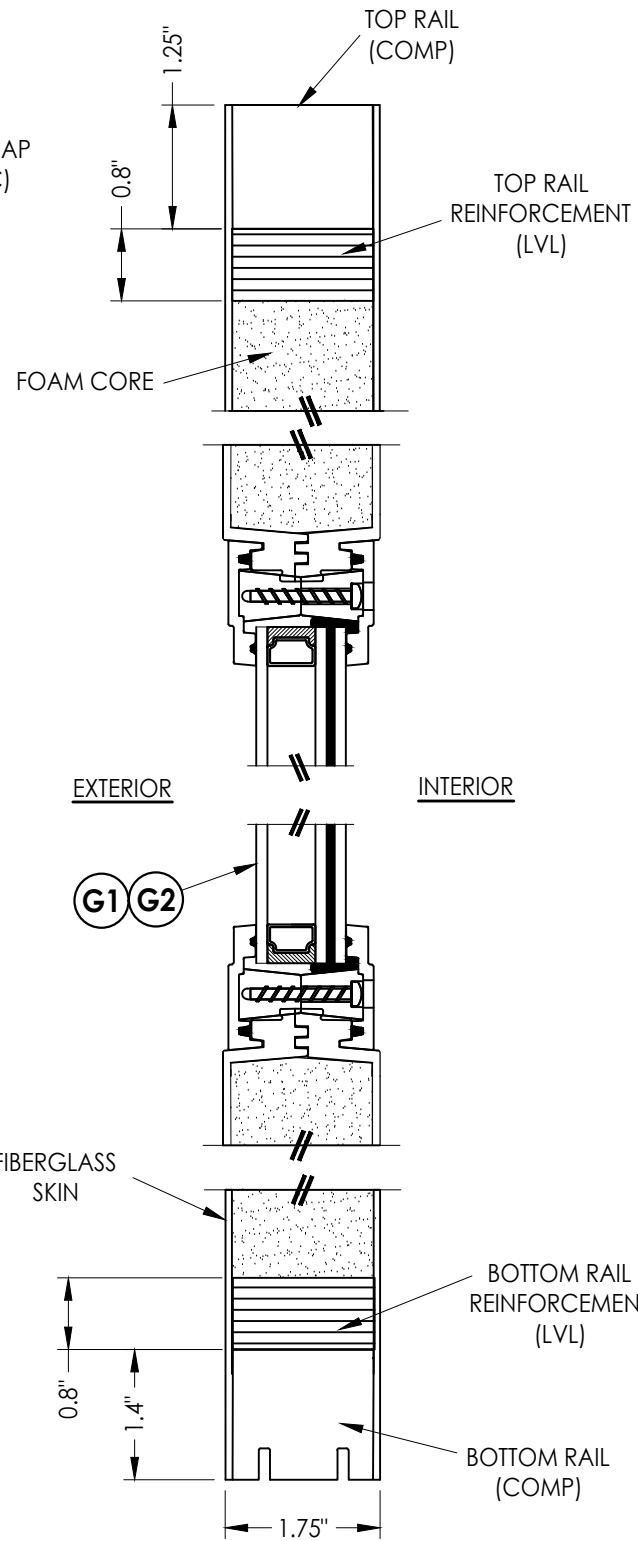
1
2 **HORIZONTAL CROSS SECTION**



40 **GLAZED DOOR PANEL**
Fiberglass

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

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



2
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: DOOR PANEL DETAILS

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

DATE: 4/15/21

SCALE: N.T.S.

DWG. BY: RW

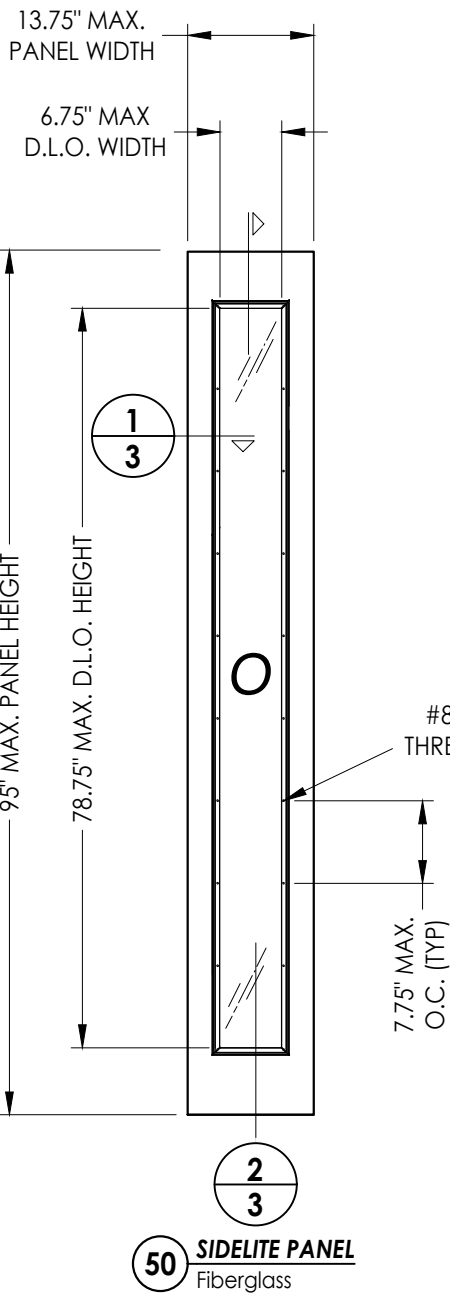
CHK. BY: LFS

DRAWING NO.:

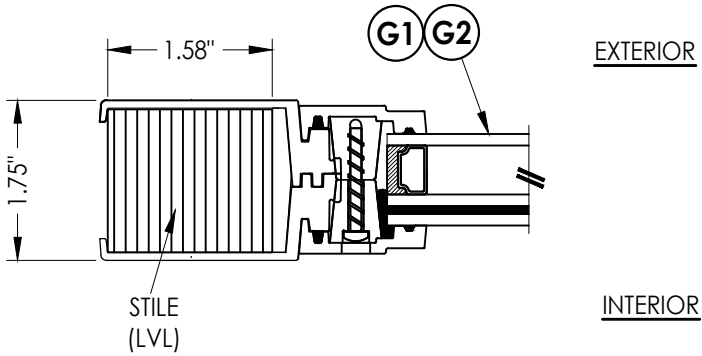
FL-25575.16

SHEET 2 OF 13

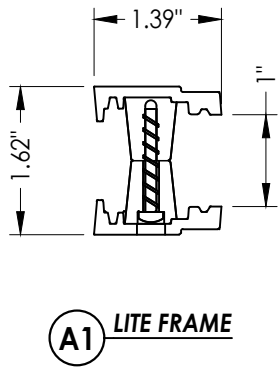
Z:\2023 FBC Drawings\Trinity Glass Int'l\VL-25575 R5\VL-25575.16.dwg



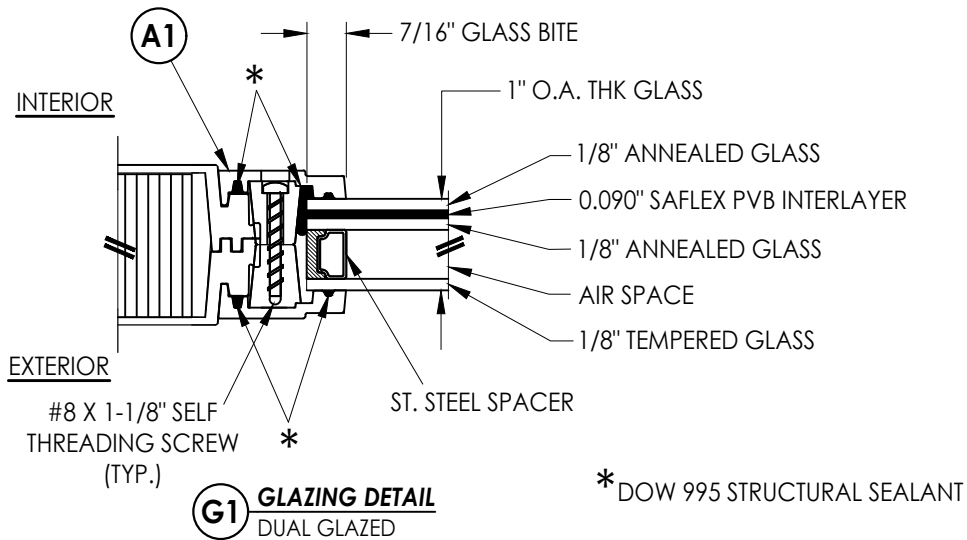
DOOR SKIN: 0.075" MIN. THK. FIBERGLASS
CORE MATERIAL: POLYURETHANE FOAM



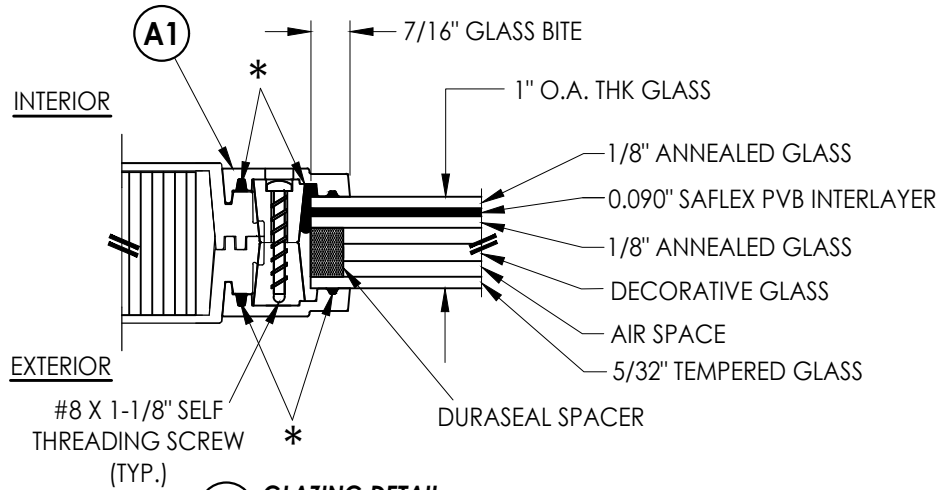
1
3 HORIZONTAL CROSS SECTION



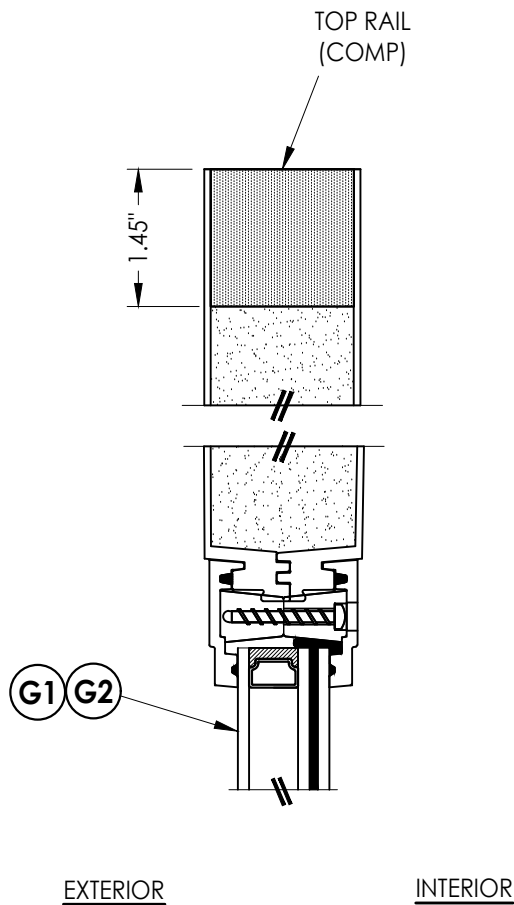
A1 LITE FRAME



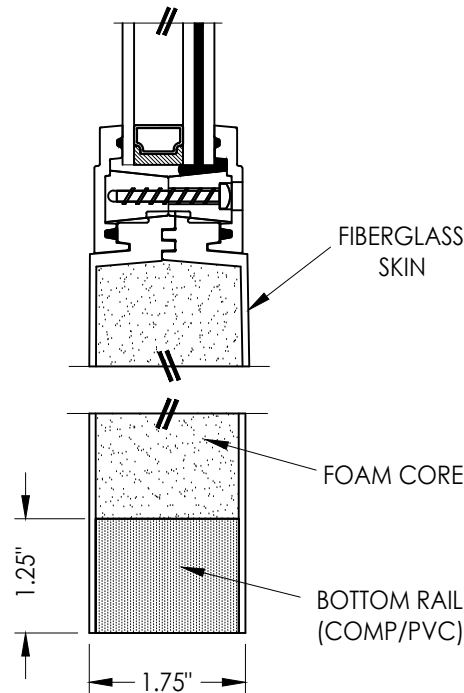
G1 GLAZING DETAIL
DUAL GLAZED



G2 GLAZING DETAIL
TRIPLE GLAZED



2
3 VERTICAL CROSS SECTION



2
3 VERTICAL CROSS SECTION

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

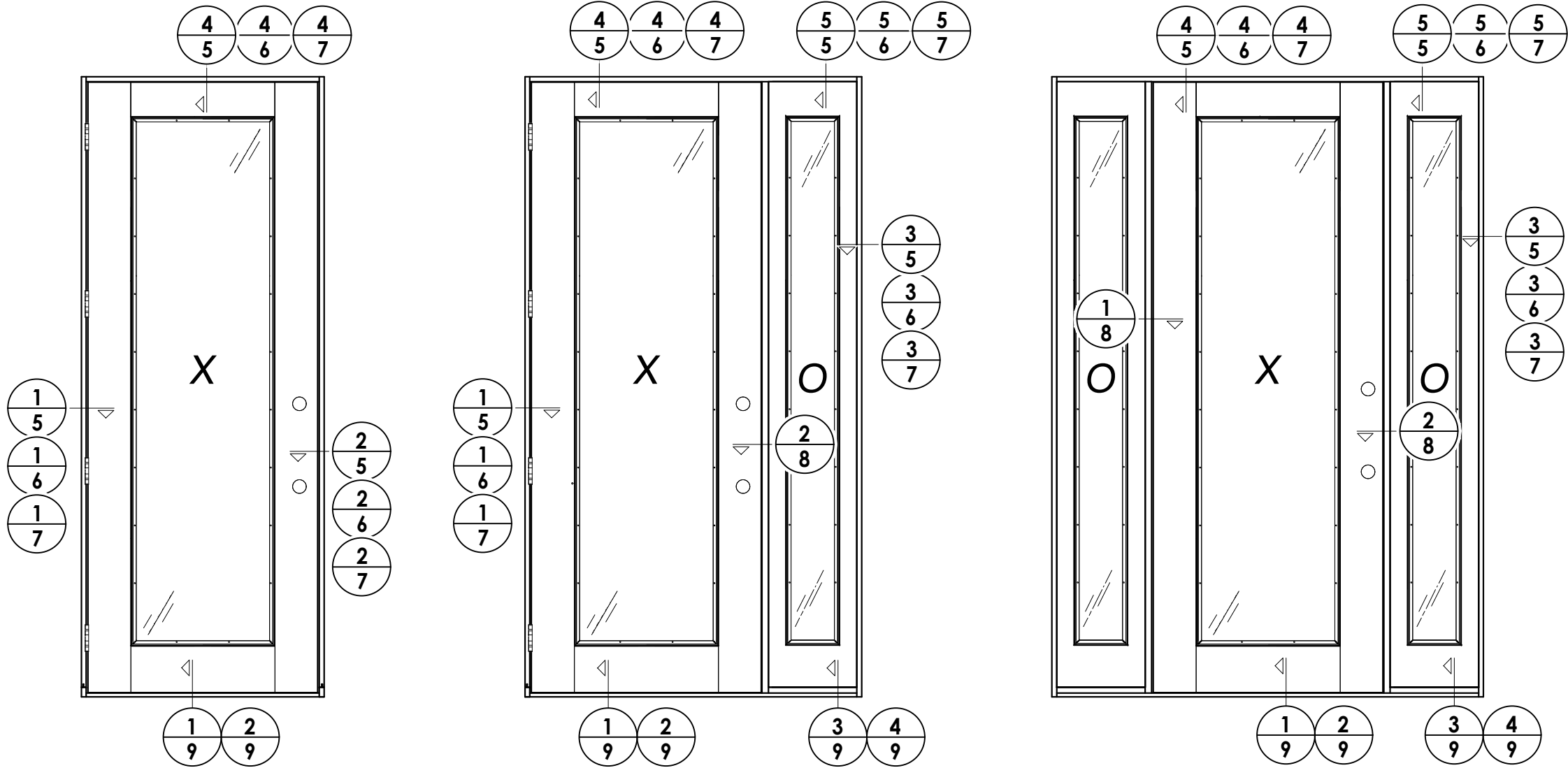
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: TRINITY GLASS INT'L

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

NO.	DATE	REVISIONS
1	8/01/23	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 3 OF 13



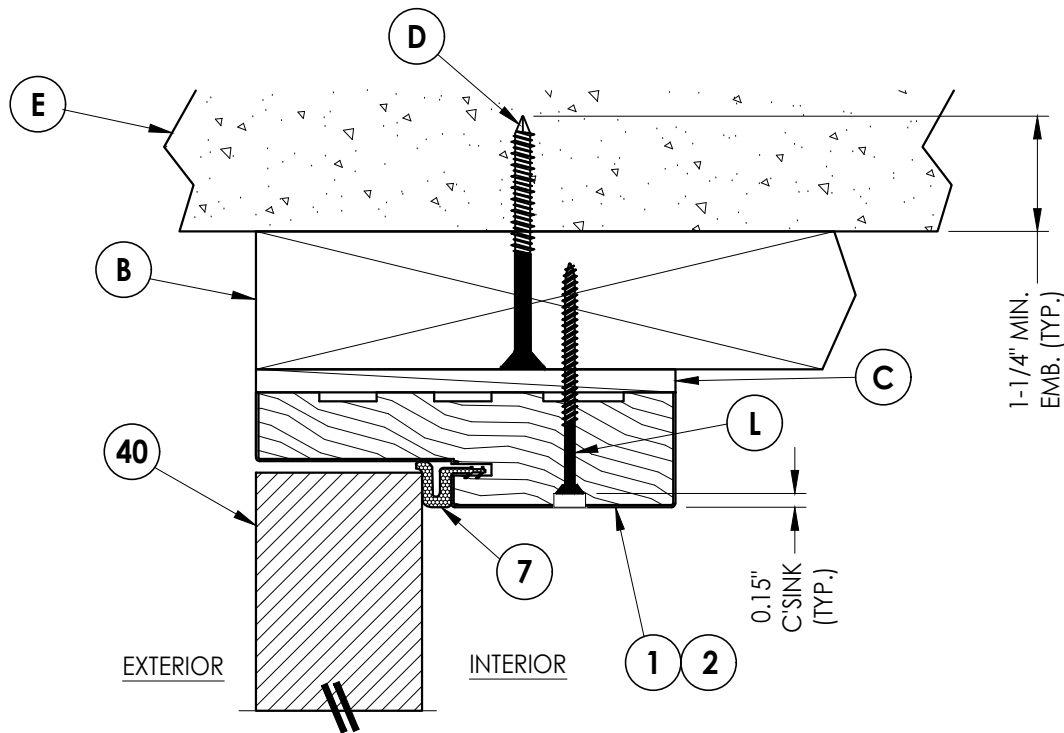
DATE: 4/15/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.:
FL-25575.16
SHEET 4 OF 13

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

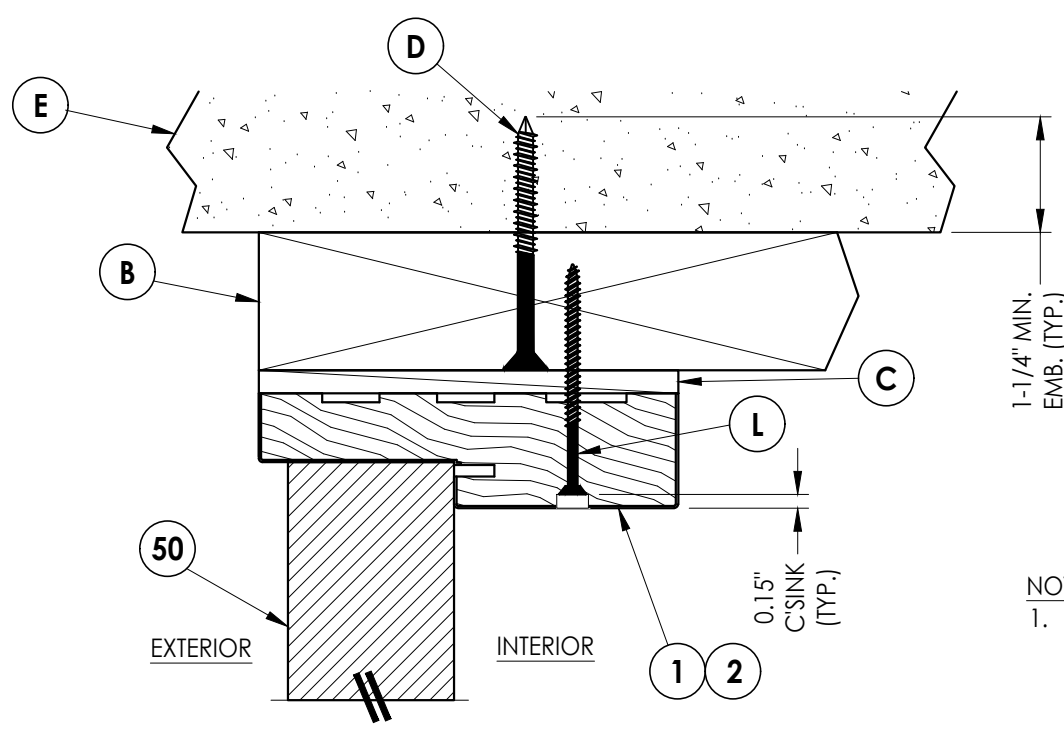
PRODUCT: TRINITY GLASS INT'L
PART OR ASSEMBLY: ELEVATIONS

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

Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.16.dwg

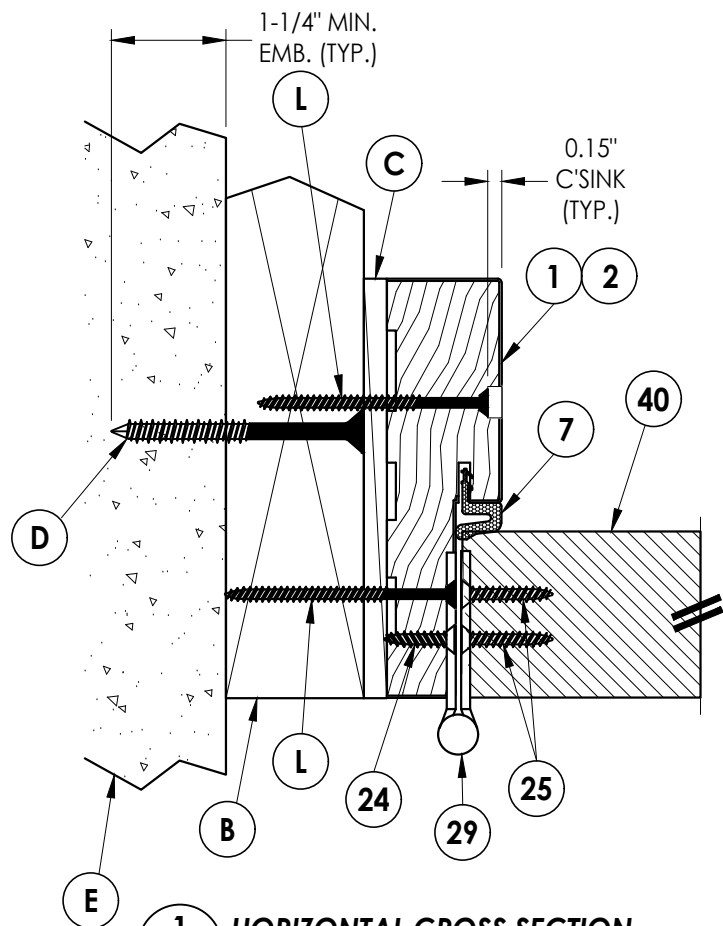


4 VERTICAL CROSS SECTION
Outswing shown - Inswing also approved

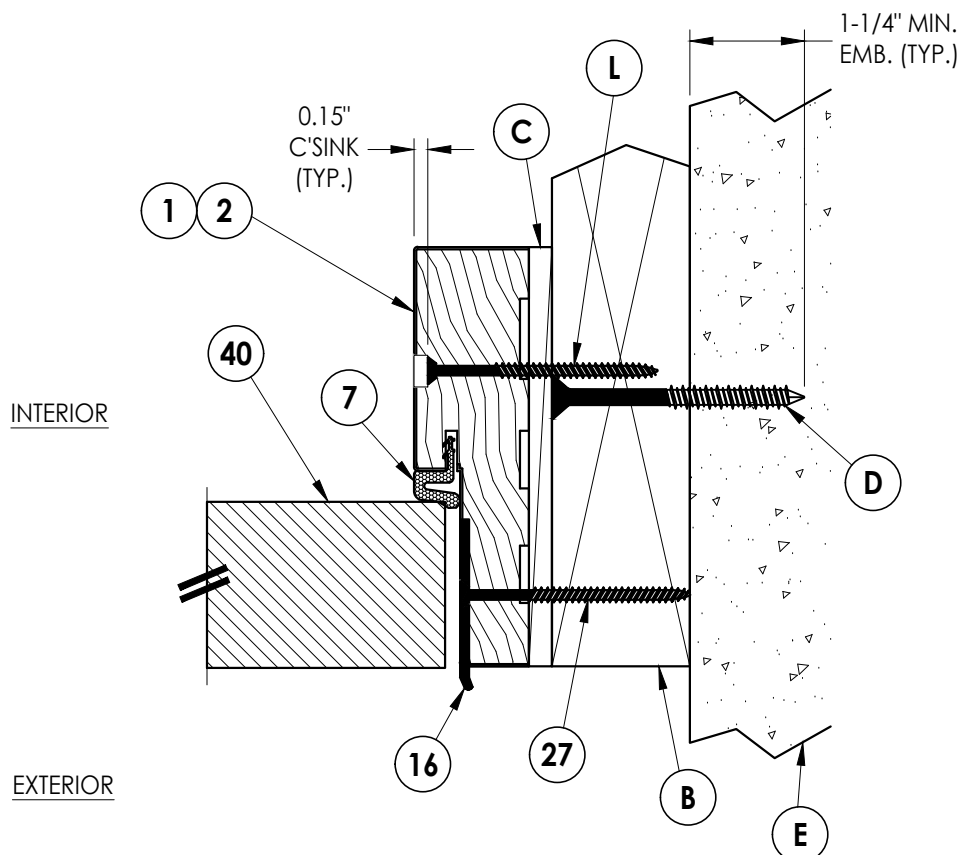


5 VERTICAL CROSS SECTION
Outswing shown - Inswing also approved

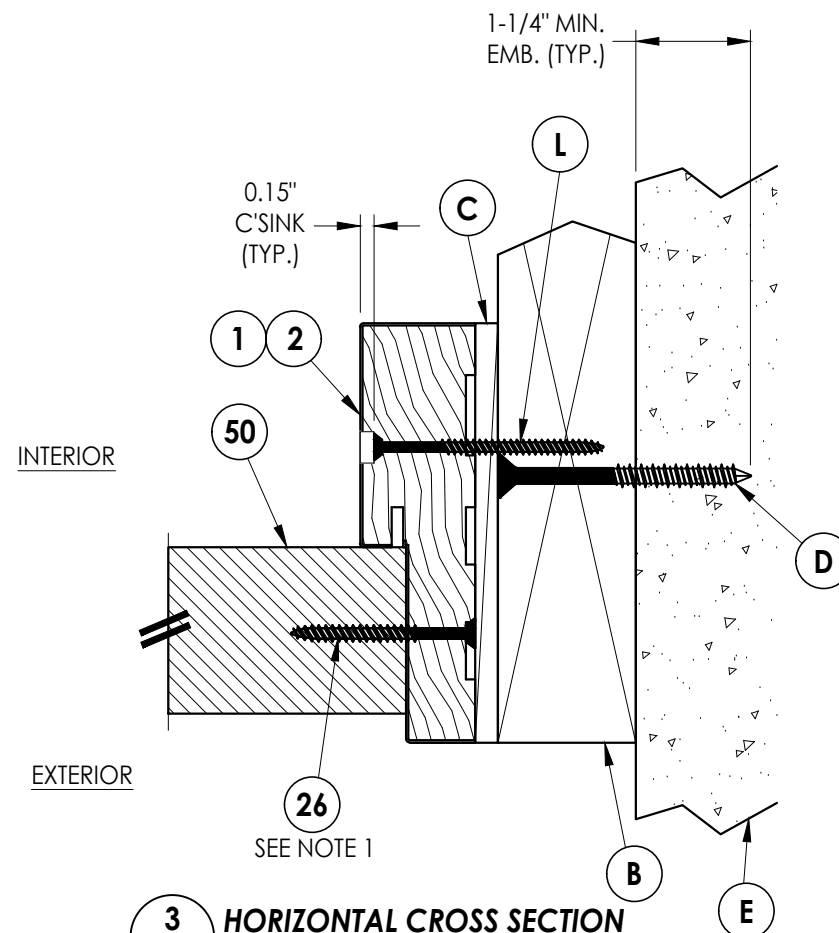
NOTE:
1. Item #26 located 6" from each end plus 5 more equally spaced (7 total).



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

DATE: 4/15/21

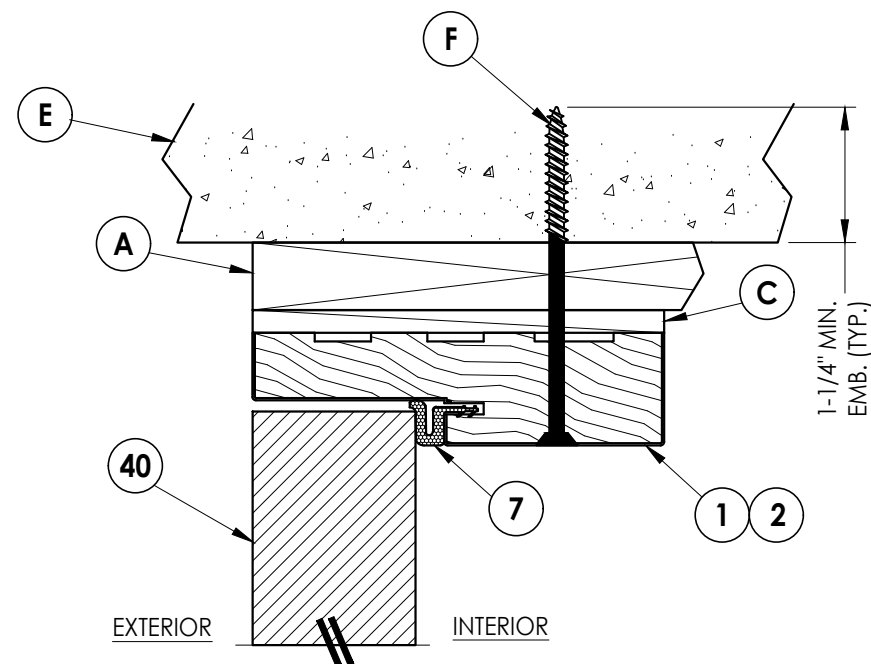
SCALE: N.T.S.

DWG. BY: RW

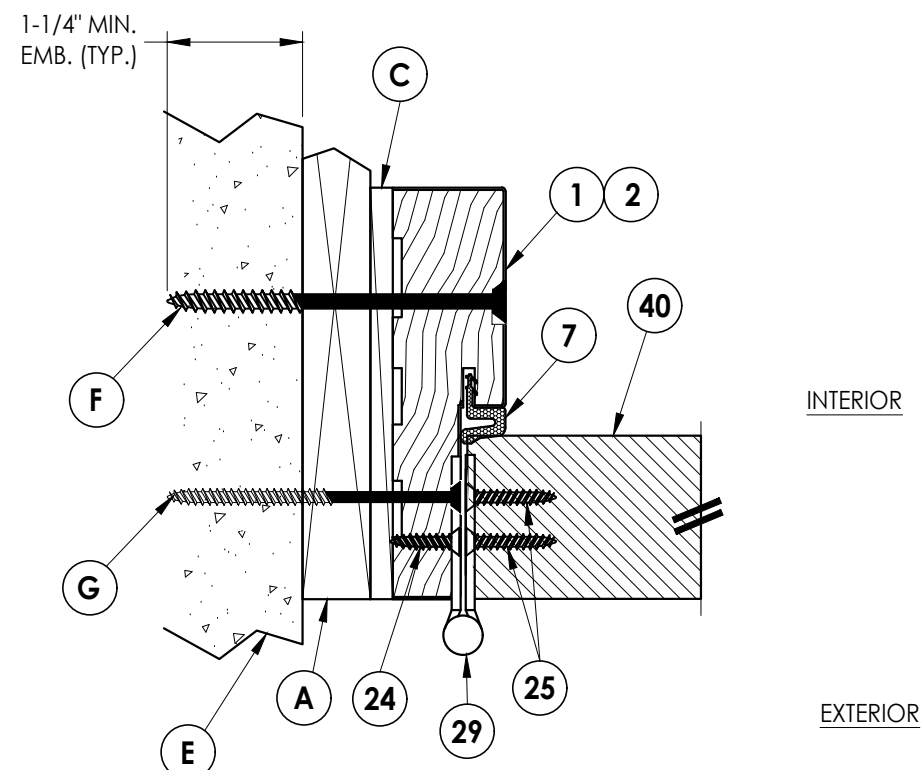
CHK. BY: LFS

DRAWING NO.: FL-25575.16

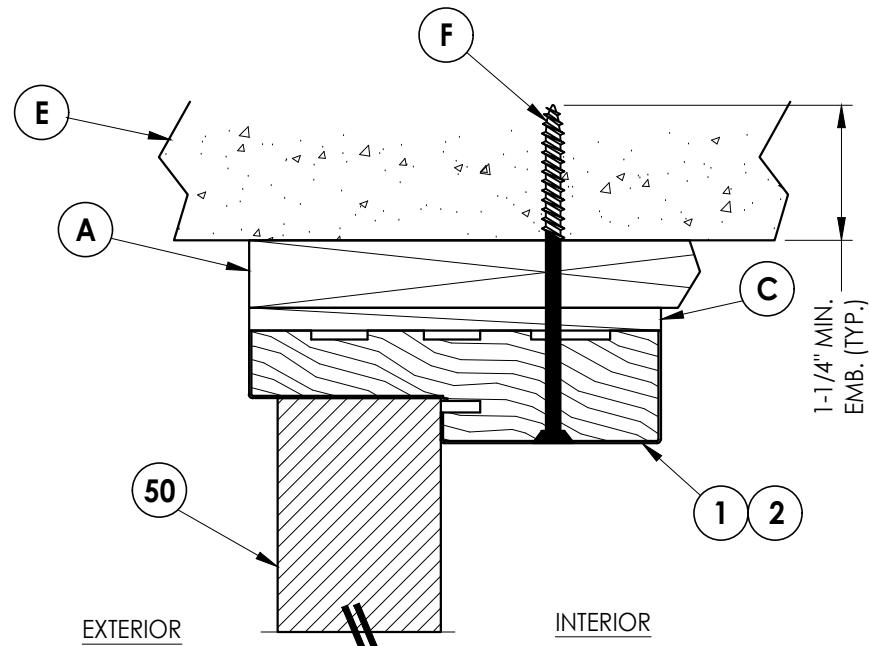
SHEET 5 OF 13



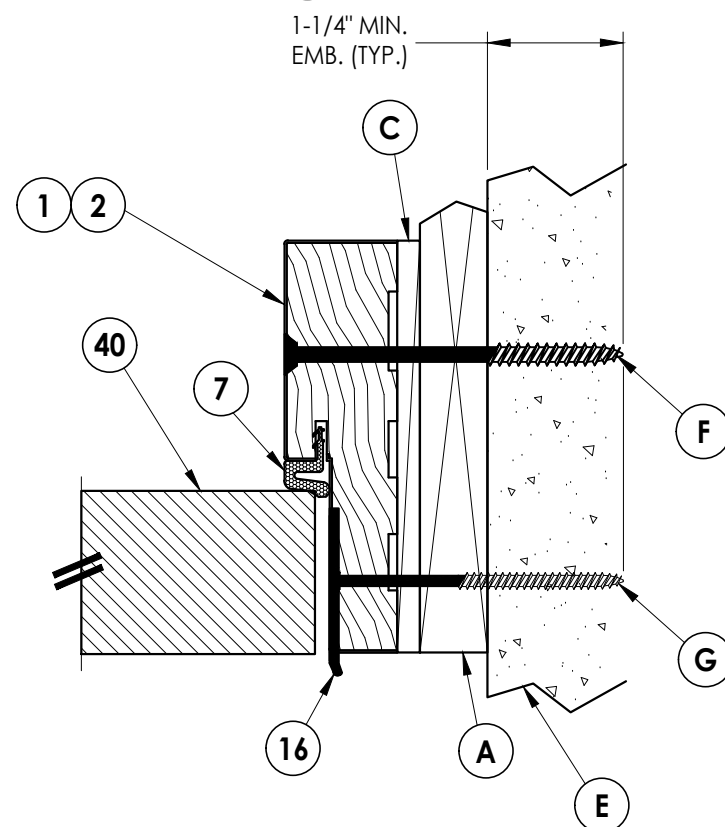
4 VERTICAL CROSS SECTION
6 Outswing shown - Inswing also approved



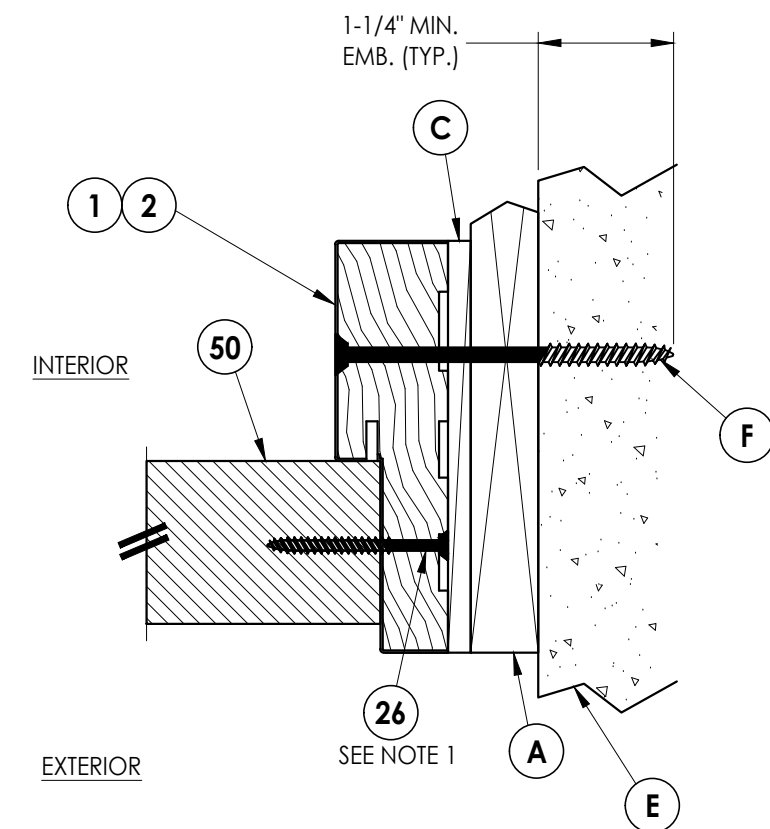
1 **HORIZONTAL CROSS SECTION**
6 Outswing shown - Inswing also approved



5 VERTICAL CROSS SECTION
6 Outswing shown - Inswing also approved



2 HORIZONTAL CROSS SECTION
6 Outswing shown - Inswing also approved



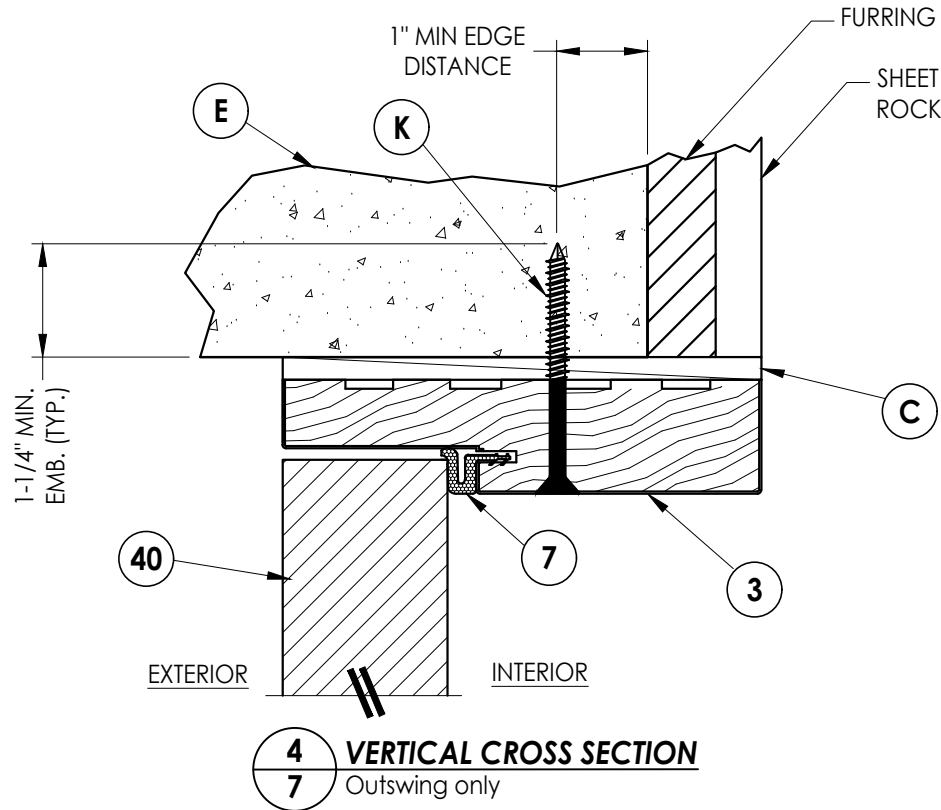
3 HORIZONTAL CROSS SECTION
6 Outswing shown - Inswing also approved

NOTE:

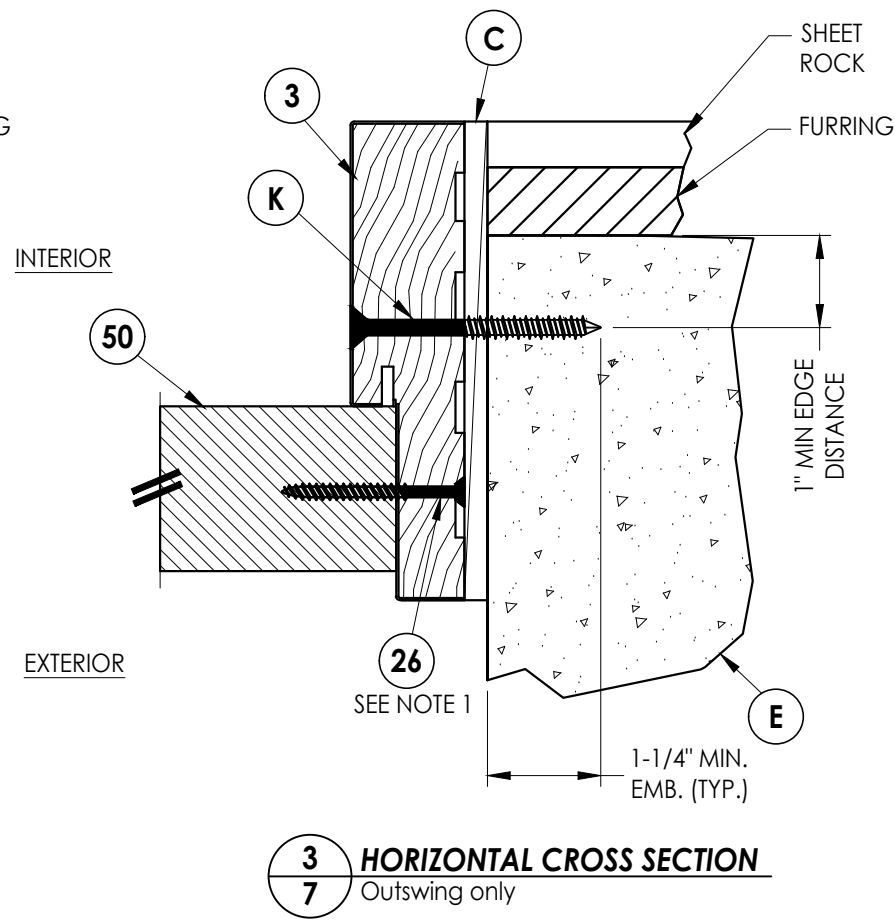
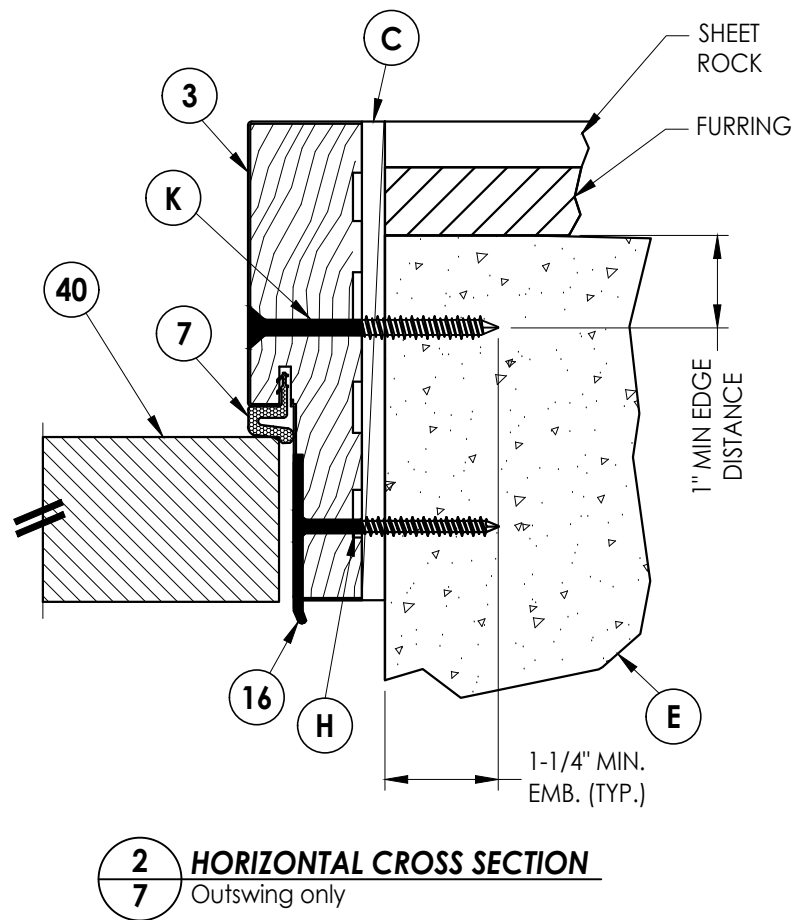
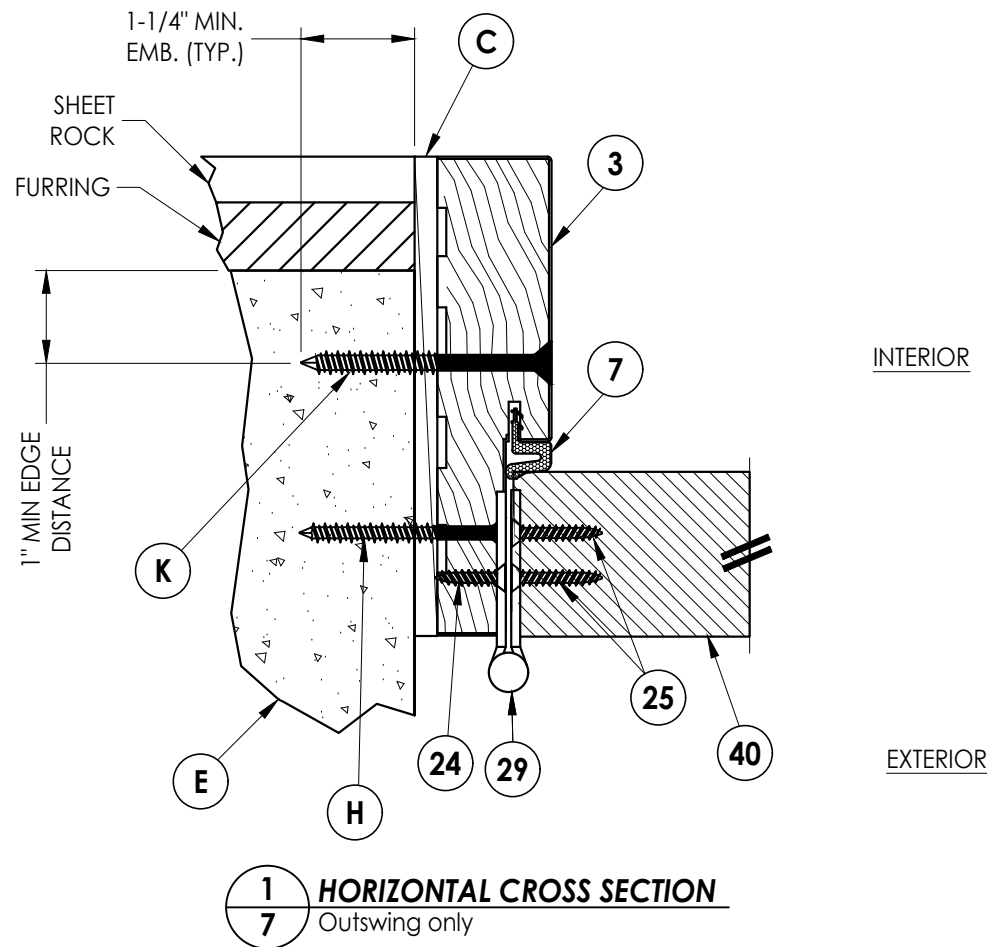
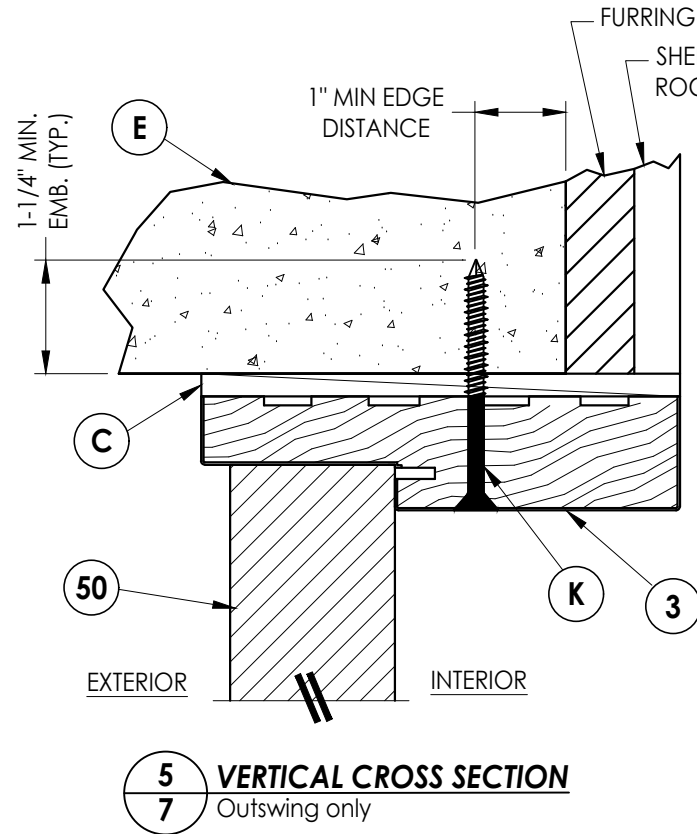
1. Item #26 located 6" from each end plus 5 more equally spaced (7 total).

[illegible]

Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.16.dwg



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



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 (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-25575.16

SHEET 7 OF 13

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).



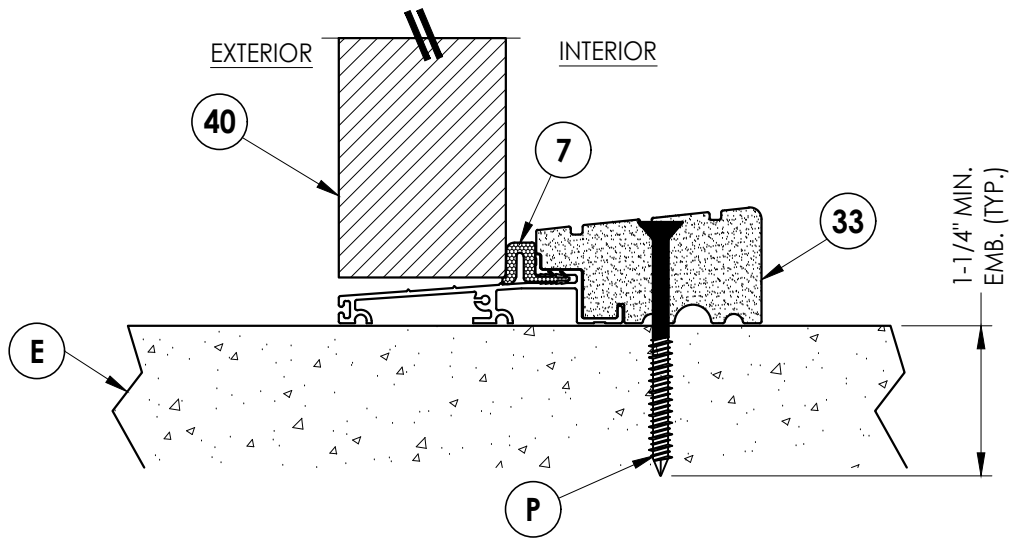
1 **HORIZONTAL CROSS SECTION**
8 Outswing shown - Inswing also approved

[illegible]

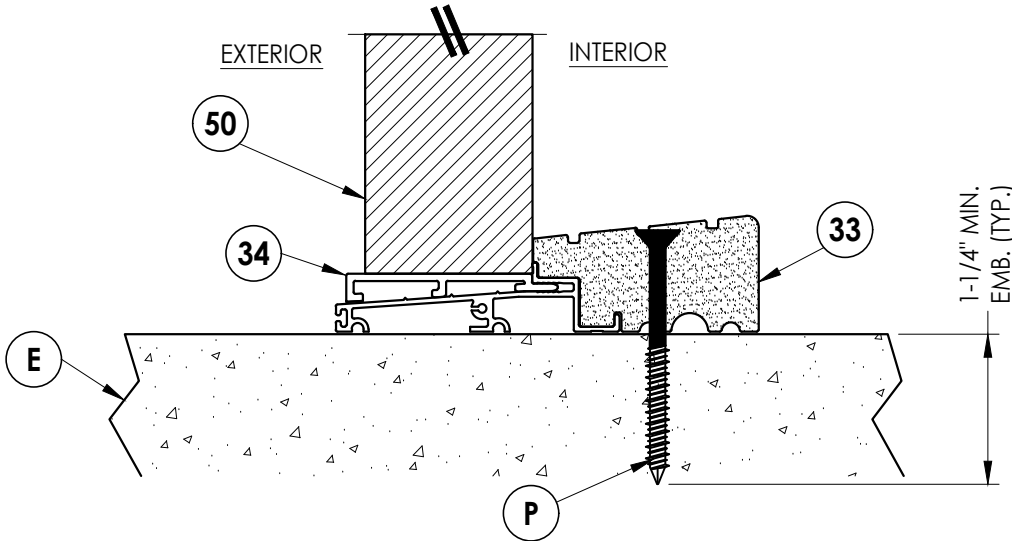
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

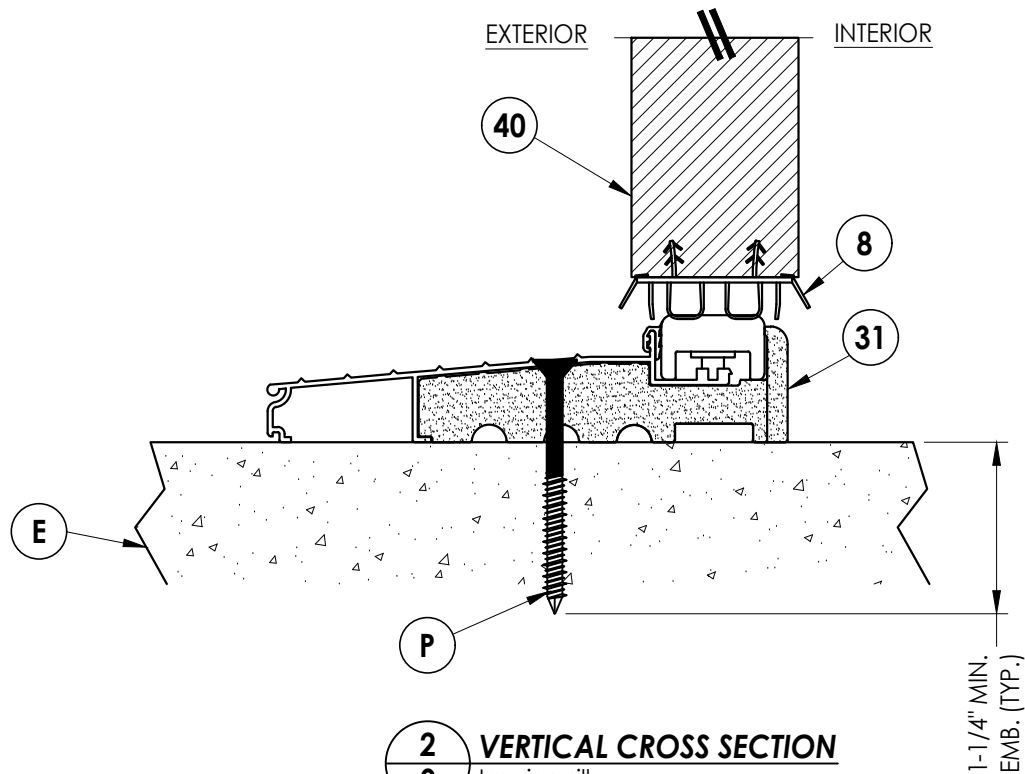
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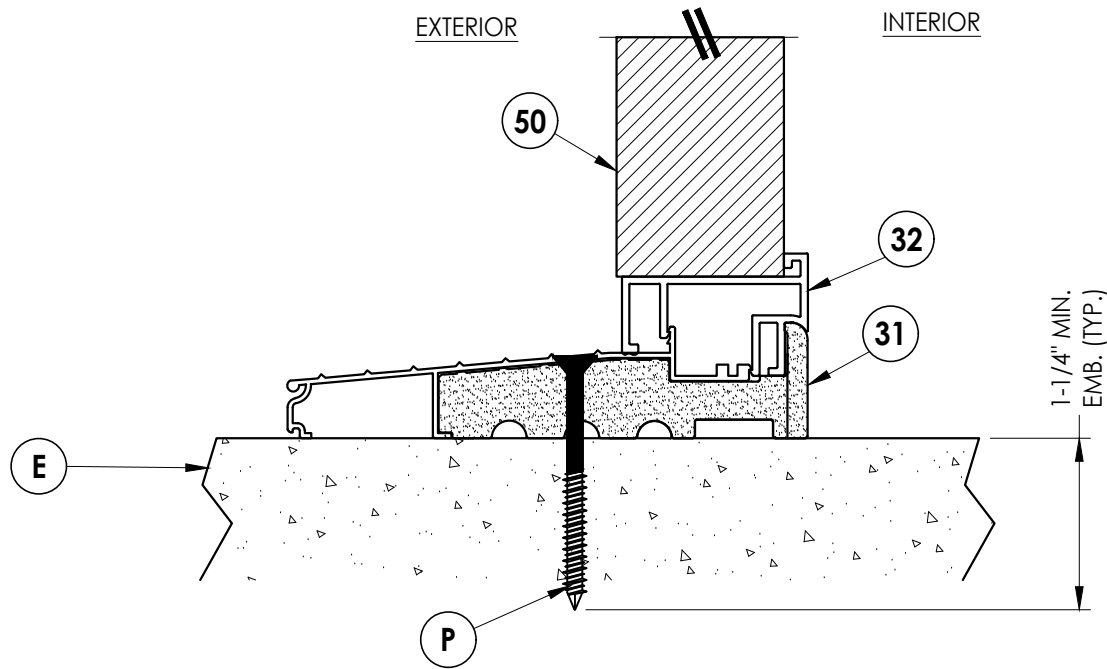
1
9 **VERTICAL CROSS SECTION**
Outswing sill - high dam



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

DATE: 4/15/21

SCALE: N.T.S.

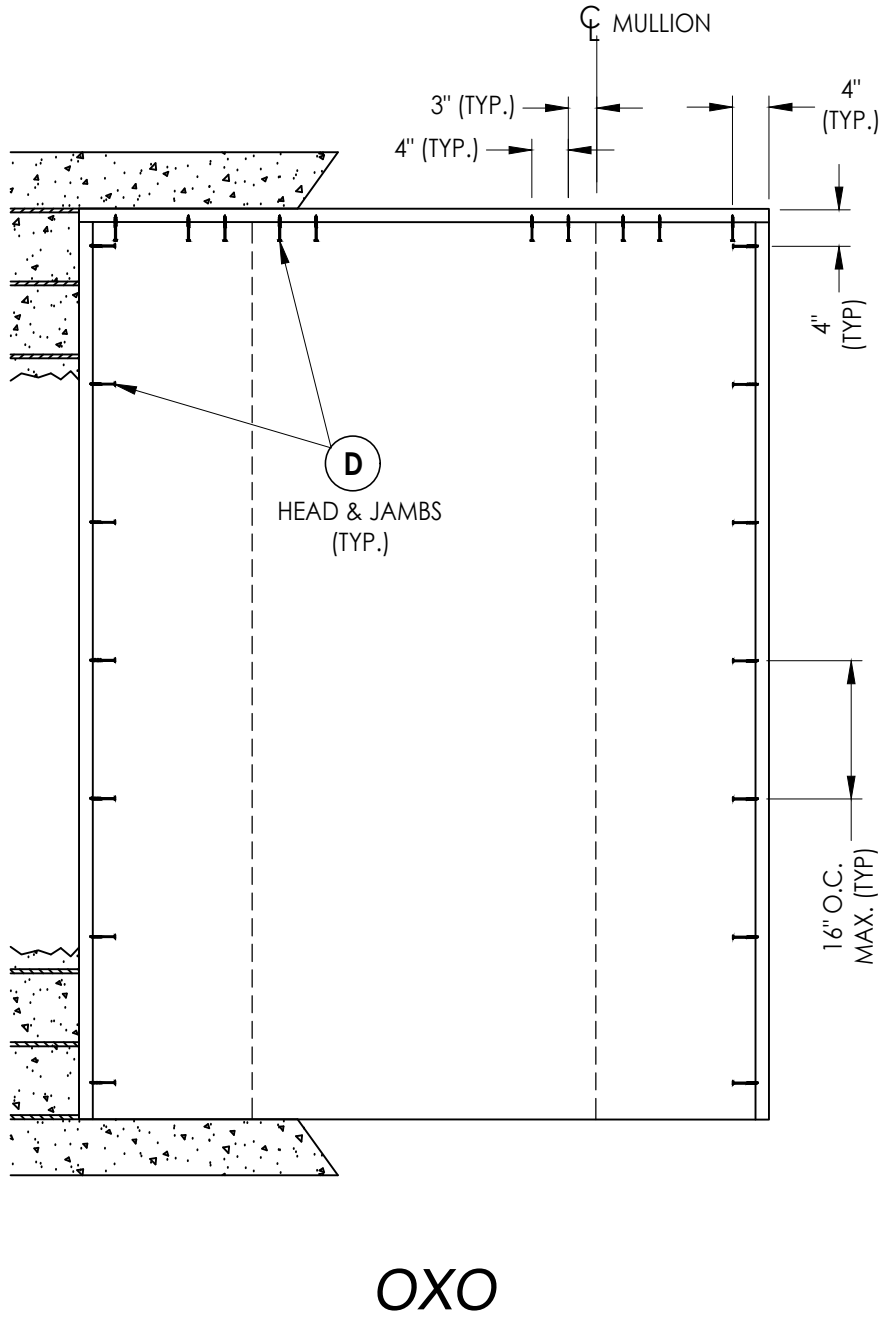
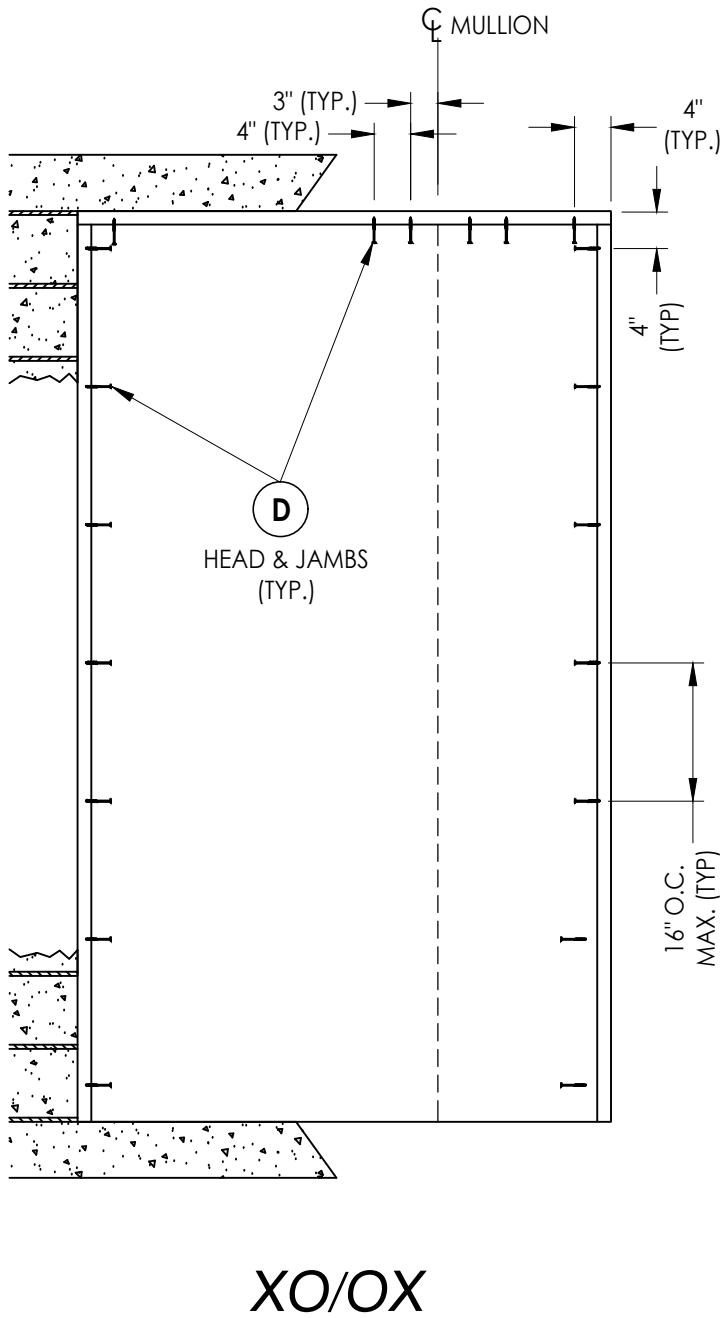
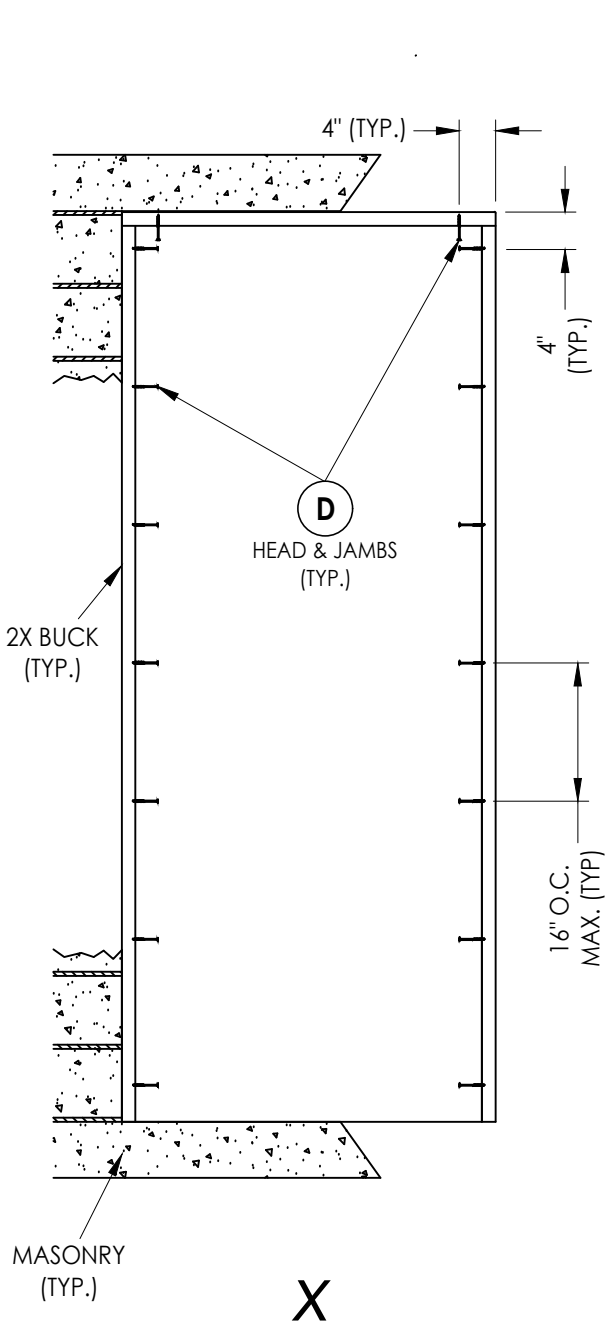
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-25575.16

SHEET 9 OF 13



2X BUCK ANCHORING

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-25575.16
SHEET 10 OF 13

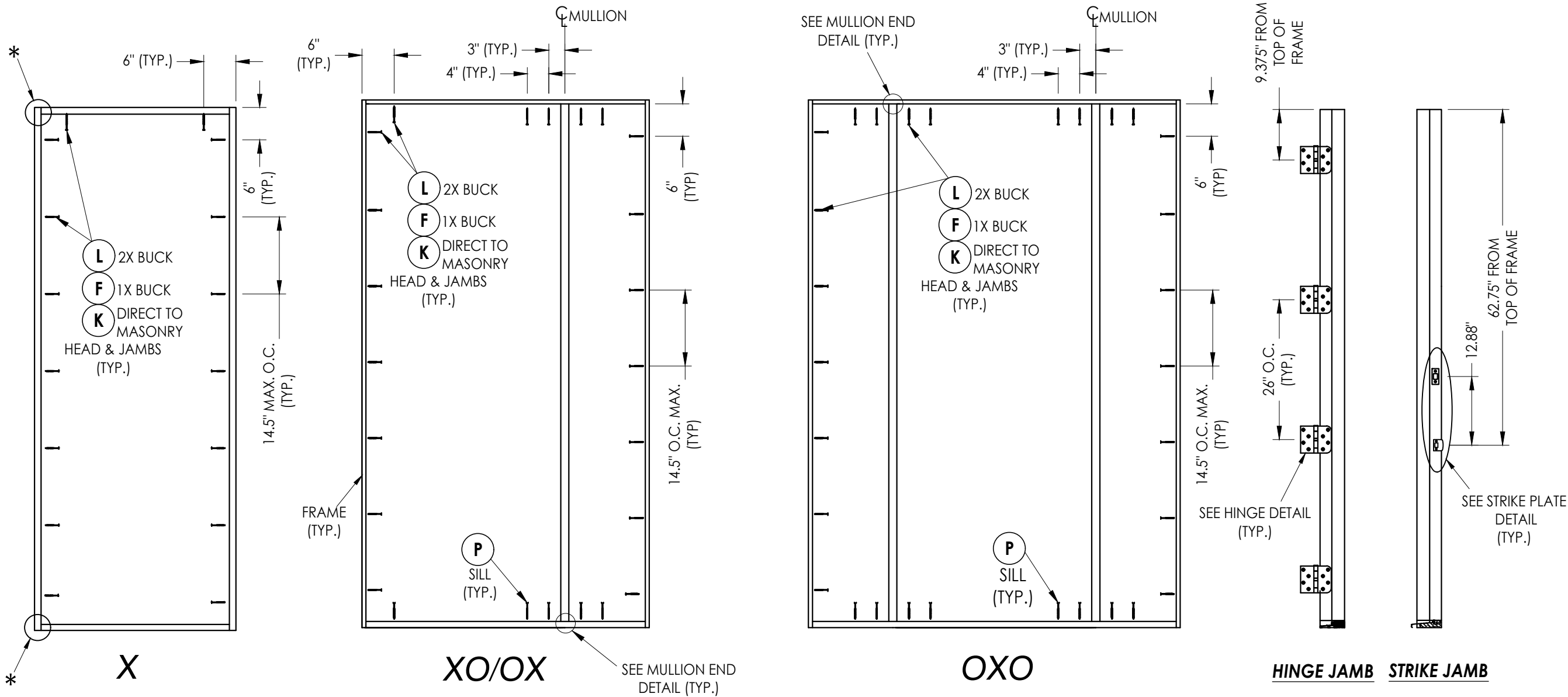
PRODUCT:	TRINITY GLASS INT'L
	PART OR ASSEMBLY: BUCK ANCHORING

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

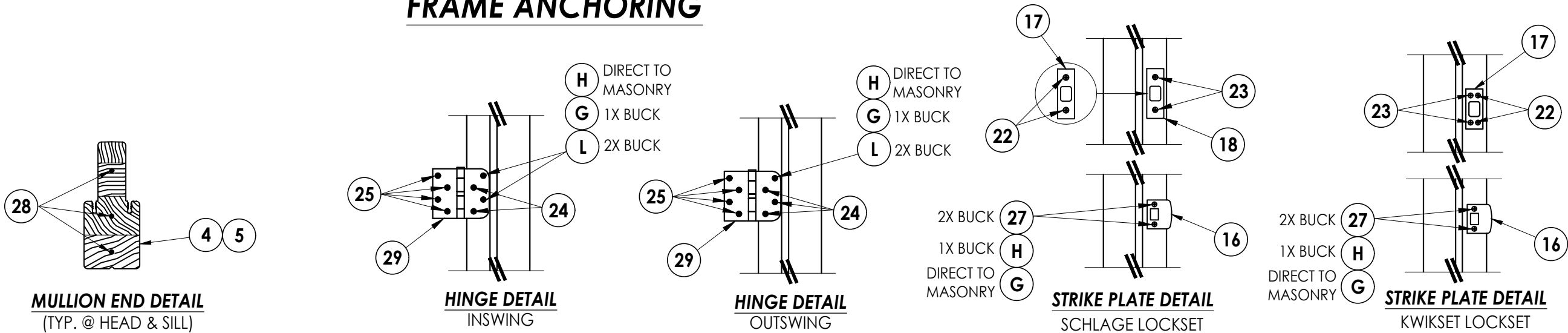
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.16.dwg

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

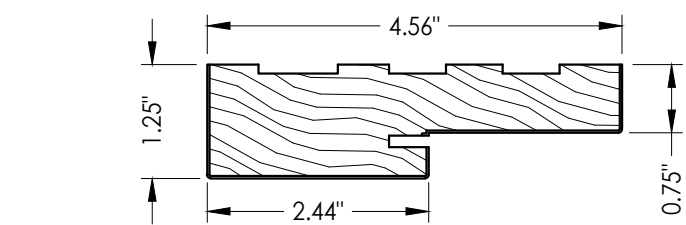


FRAME ANCHORING

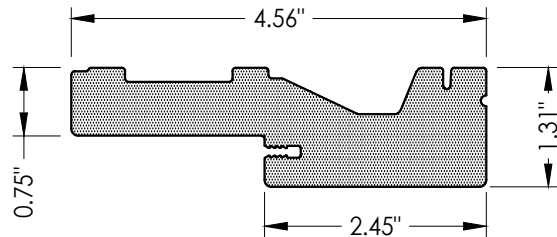


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: TRINITY GLASS INT'L				PART OR ASSEMBLY: FRAME ANCHORING			

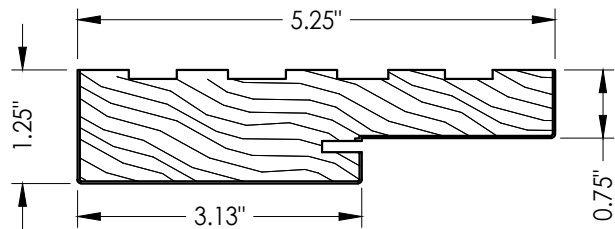
Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.16.dwg



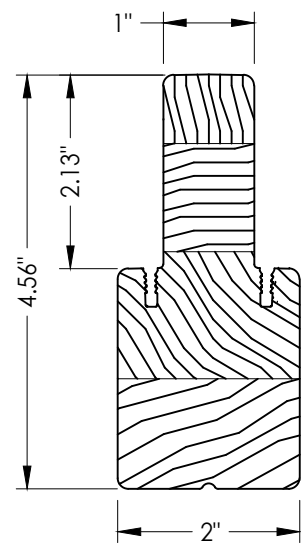
1 HEAD & JAMBS
FINGER JOINT PINE



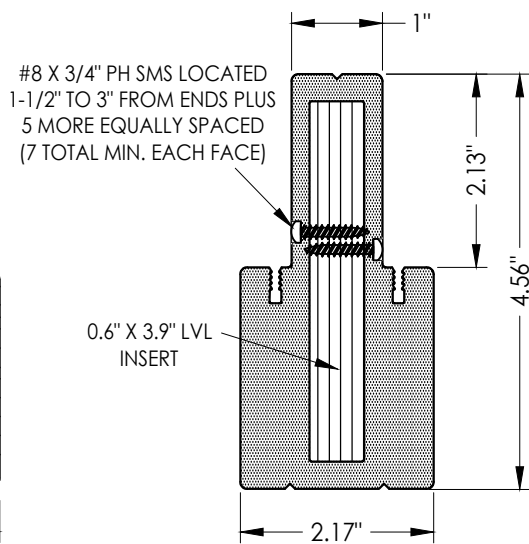
2 HEAD & JAMBS
PVC



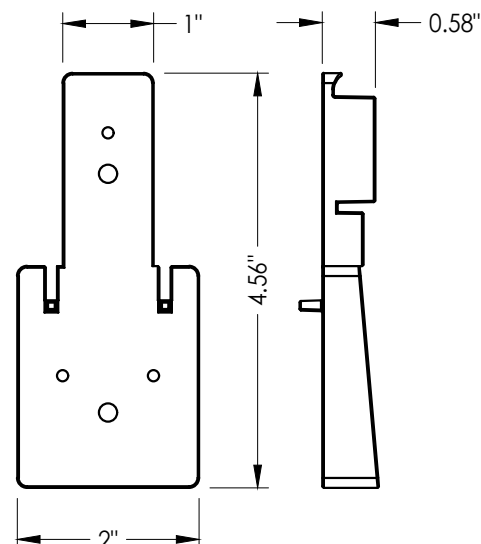
3 HEAD & JAMBS
FINGER JOINT PINE



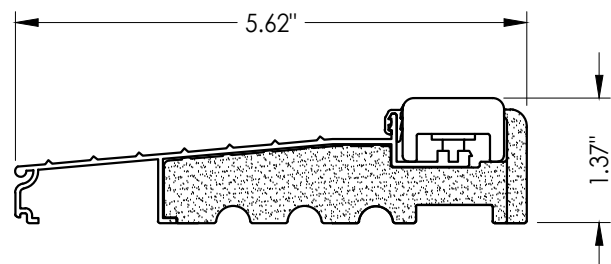
4 INTEGRAL MULLION
PINE



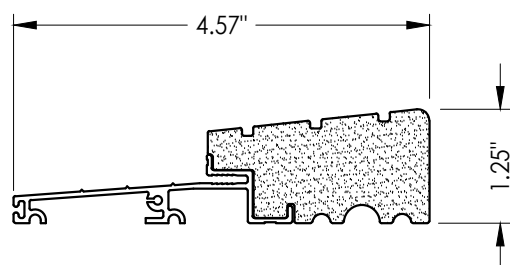
5 INTEGRAL MULLION
PVC/LVL



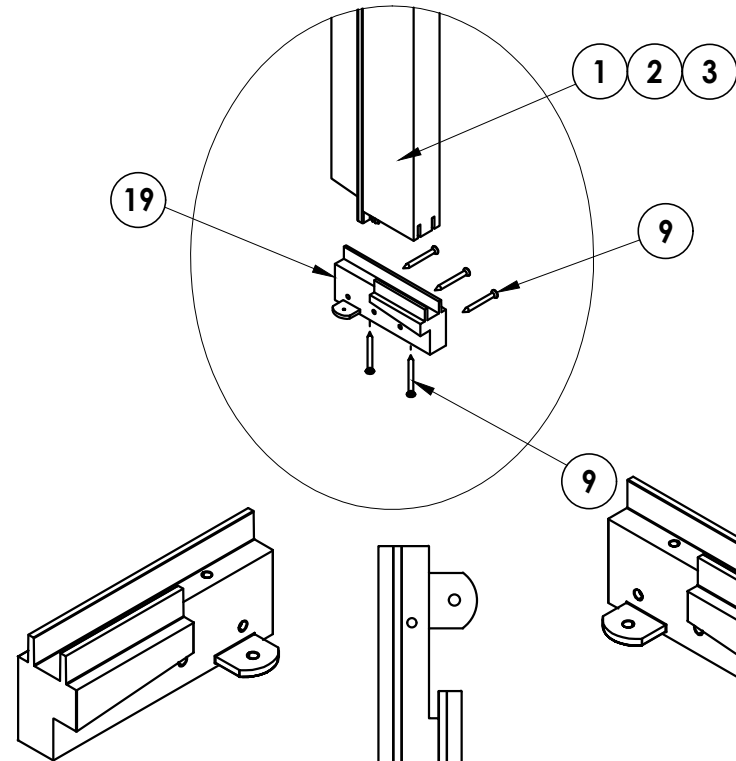
6 INTEGRAL MULLION BASE KIT
Optional



31 INSWING THRESHOLD

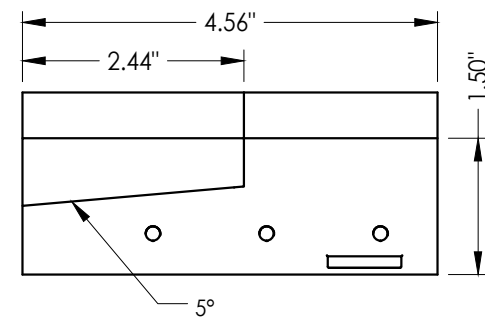
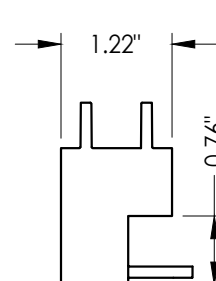
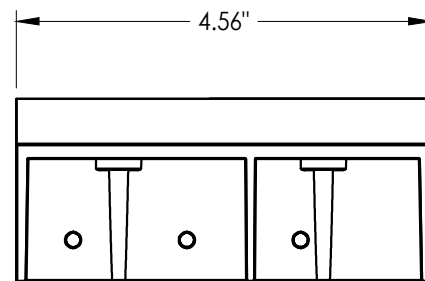


33 OUTSWING THRESHOLD
High-dam

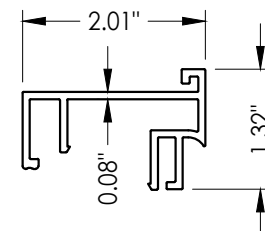


SILLKEY (LEFT)

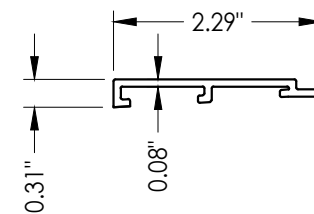
SILLKEY (RIGHT)



19 SILLKEY DETAILS
Optional



32 SIDELITE SPACER
Inswing



34 SIDELITE SPACER
Outswing

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:
COMPONENTS

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

DATE: 4/15/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-25575.16

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
4	INTEGRAL MULLION (PINE: SG >= 0.42)	WOOD
5	INTEGRAL MULLION (PVC)	PVC
6	INTEGRAL MULLION BASE KIT	ABS
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
18	DEADBOLT SUB-STRIKE PLATE	STEEL
19	SILLKEY	ABS
22	#8 X 1/2" PFH WOOD SCREW	STEEL
23	#12 X 2-1/2" PFH 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	-

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 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.

[illegible]