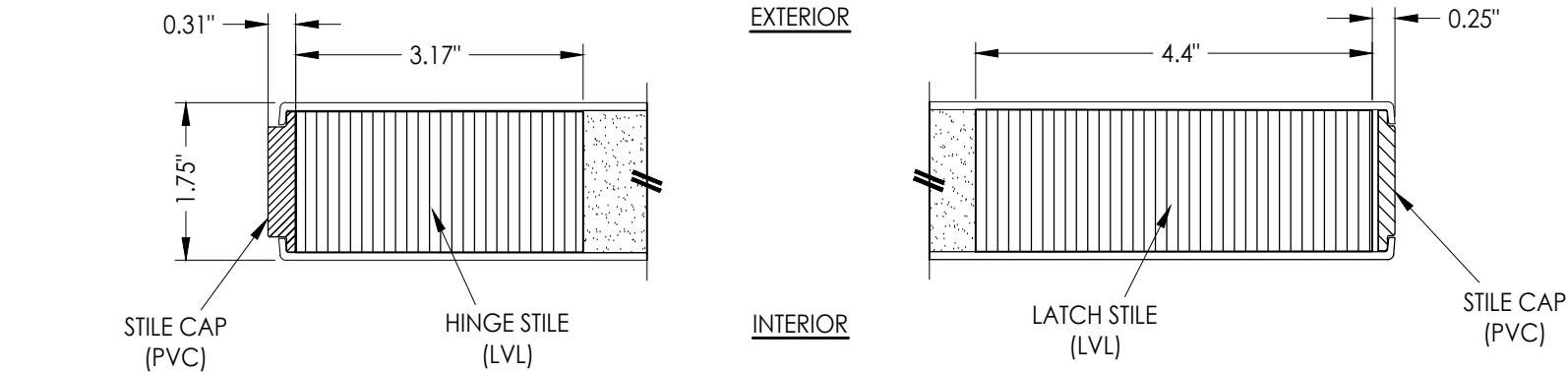
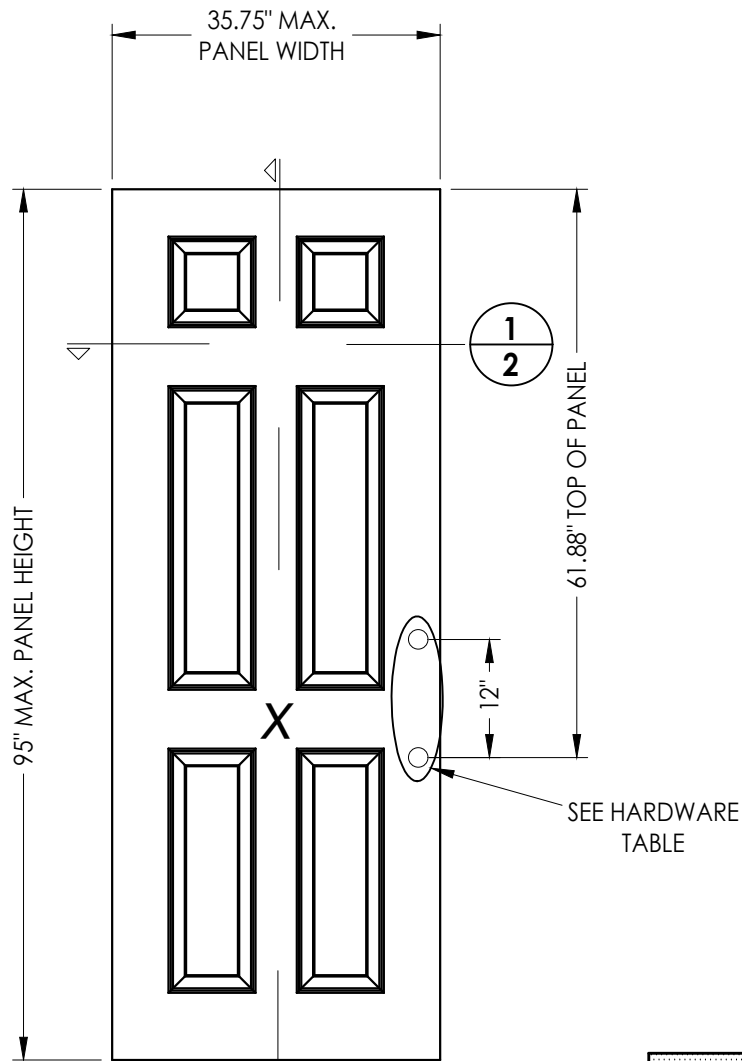




Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.14-15.dwg



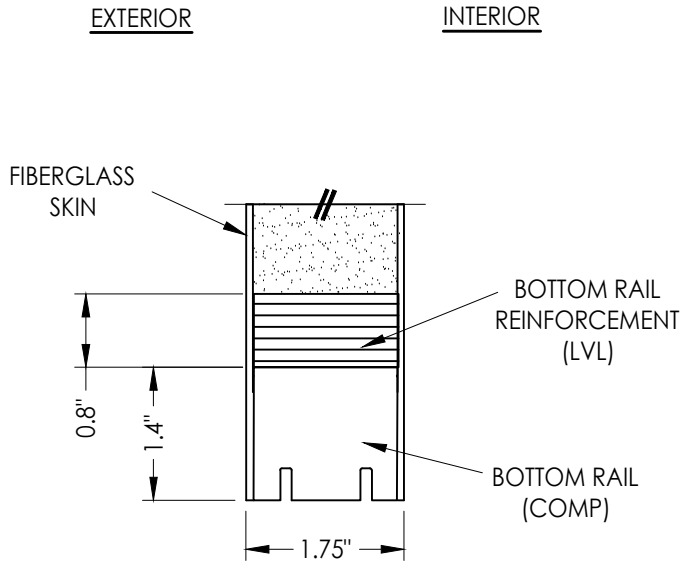
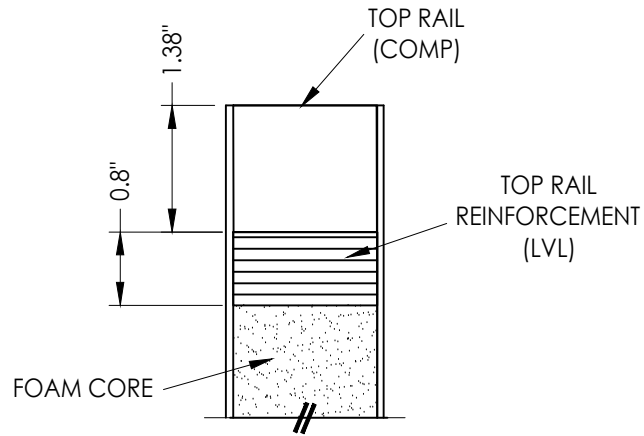
1
2 **HORIZONTAL CROSS SECTION**



2
2 **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:
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

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

DATE: 3/24/21

SCALE: N.T.S.

DWG. BY: RW

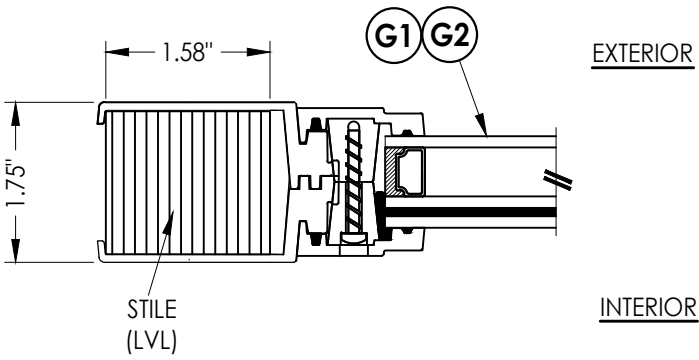
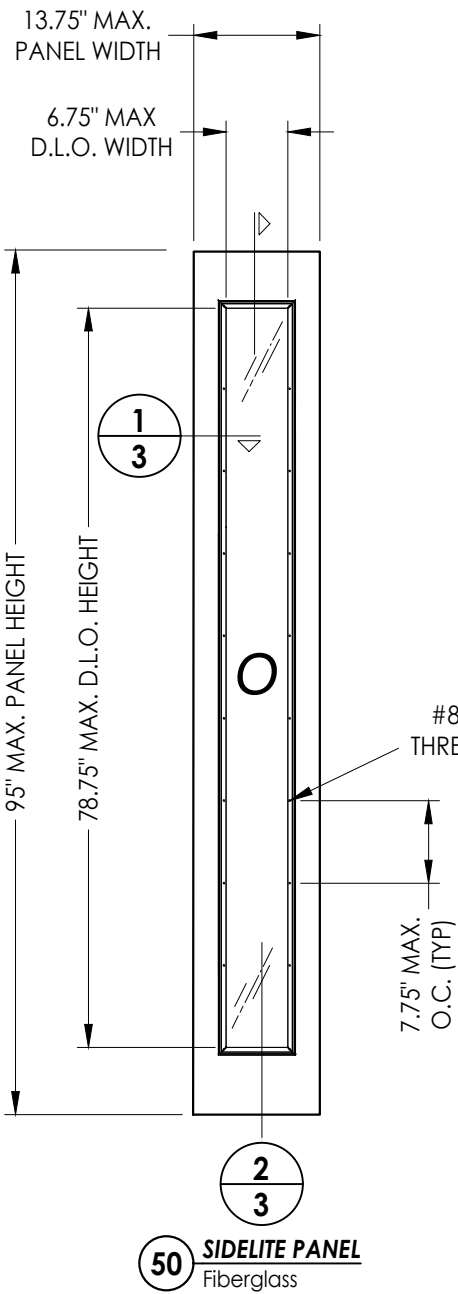
CHK. BY: LFS

DRAWING NO.:

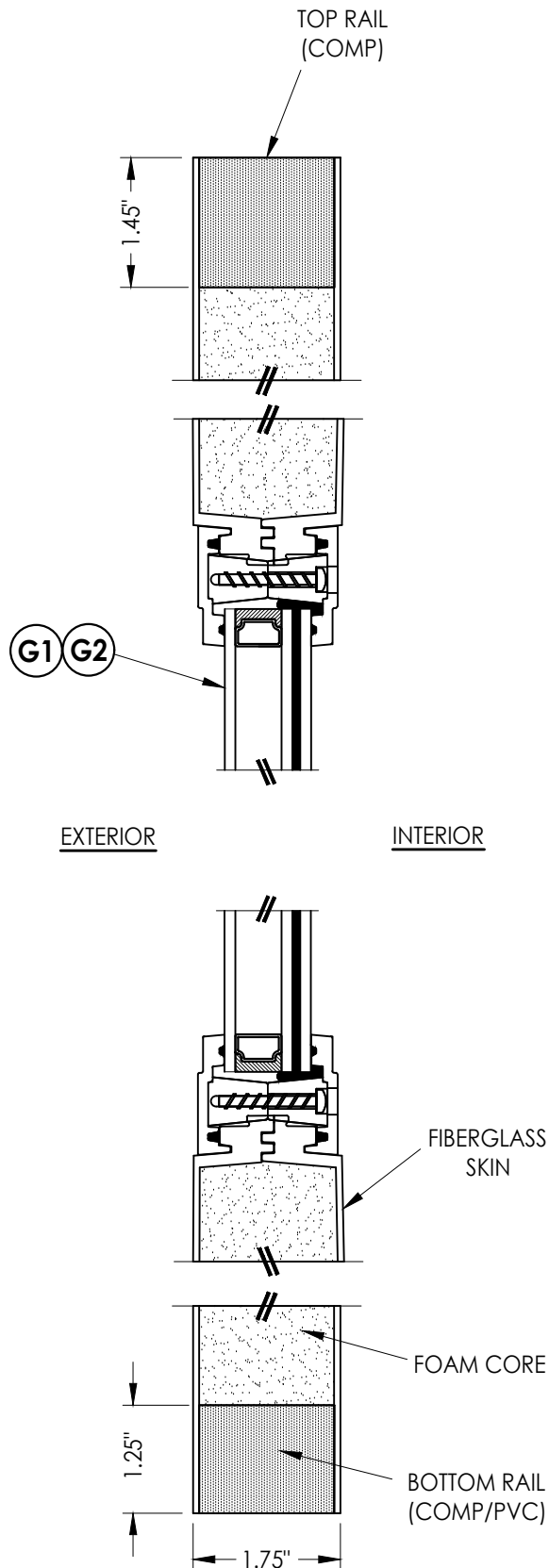
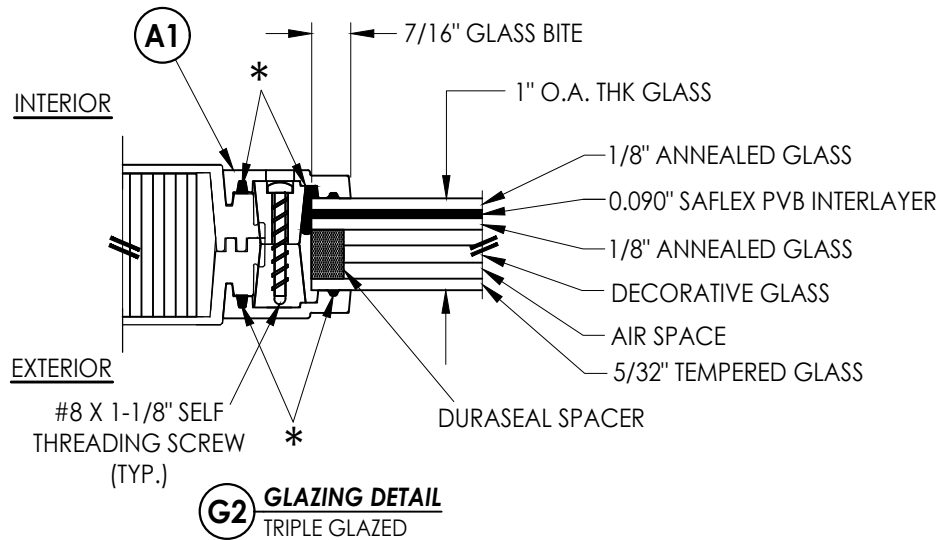
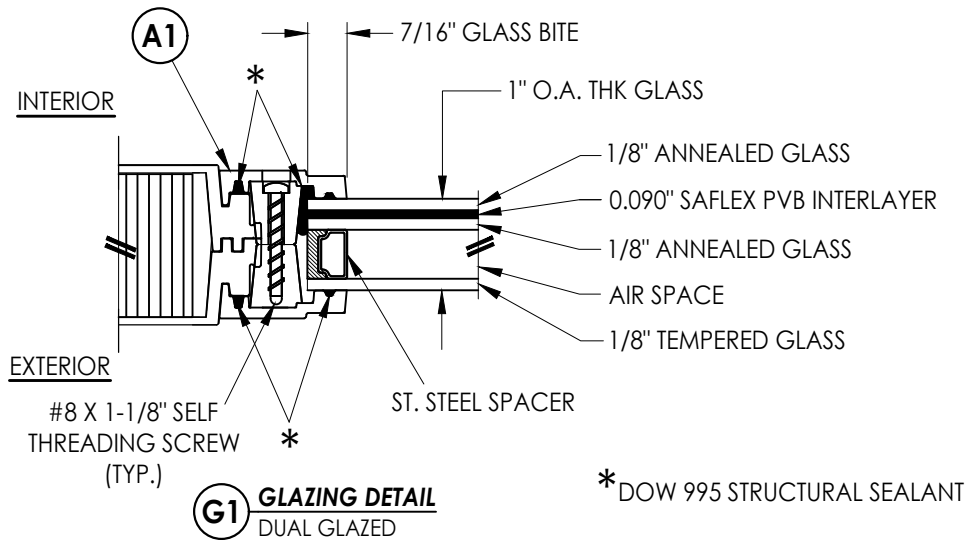
FL-25575.14

SHEET 2 OF 13

Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.14-15.dwg



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

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
		LFS
		BY

DATE: 3/24/21

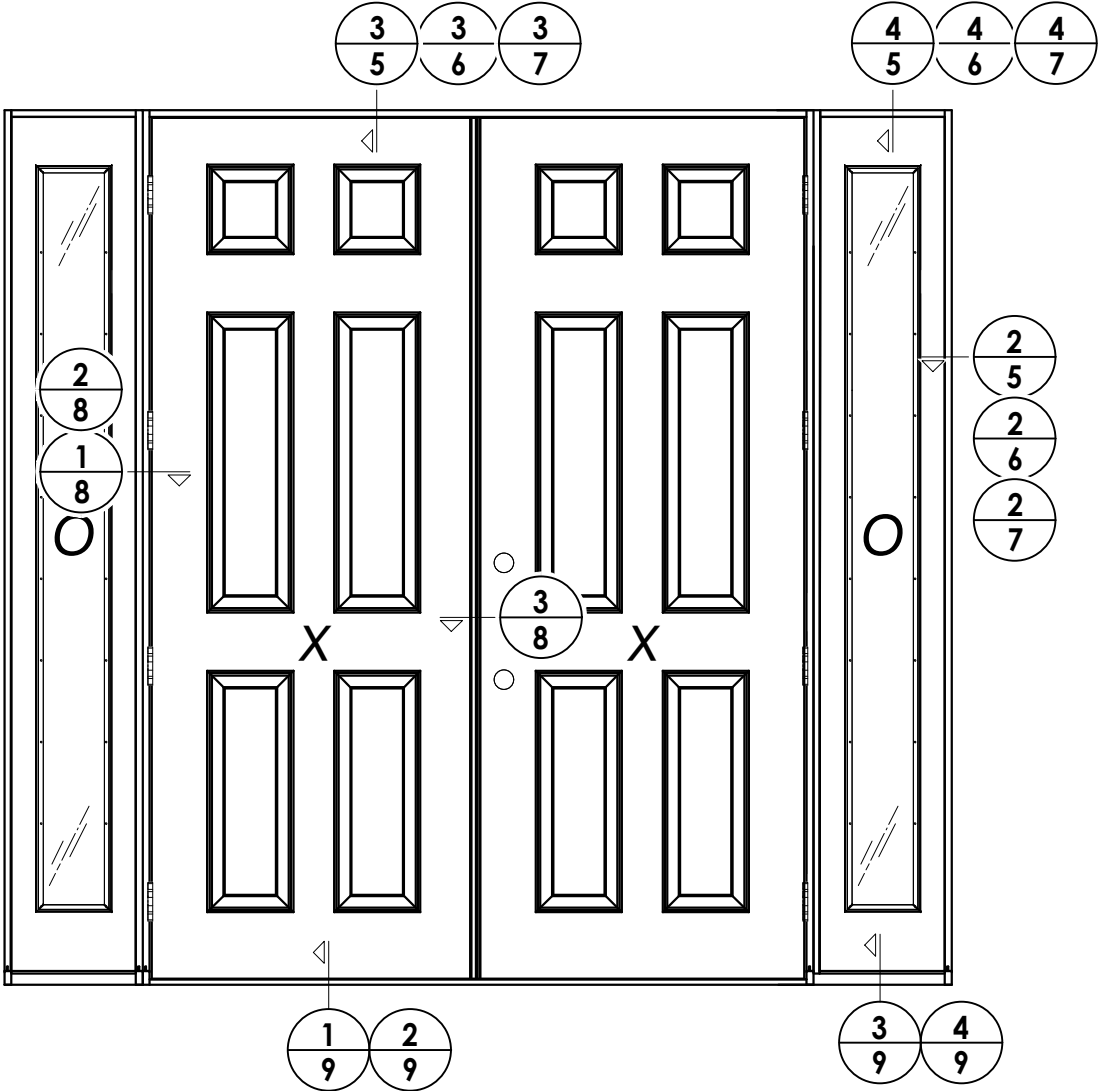
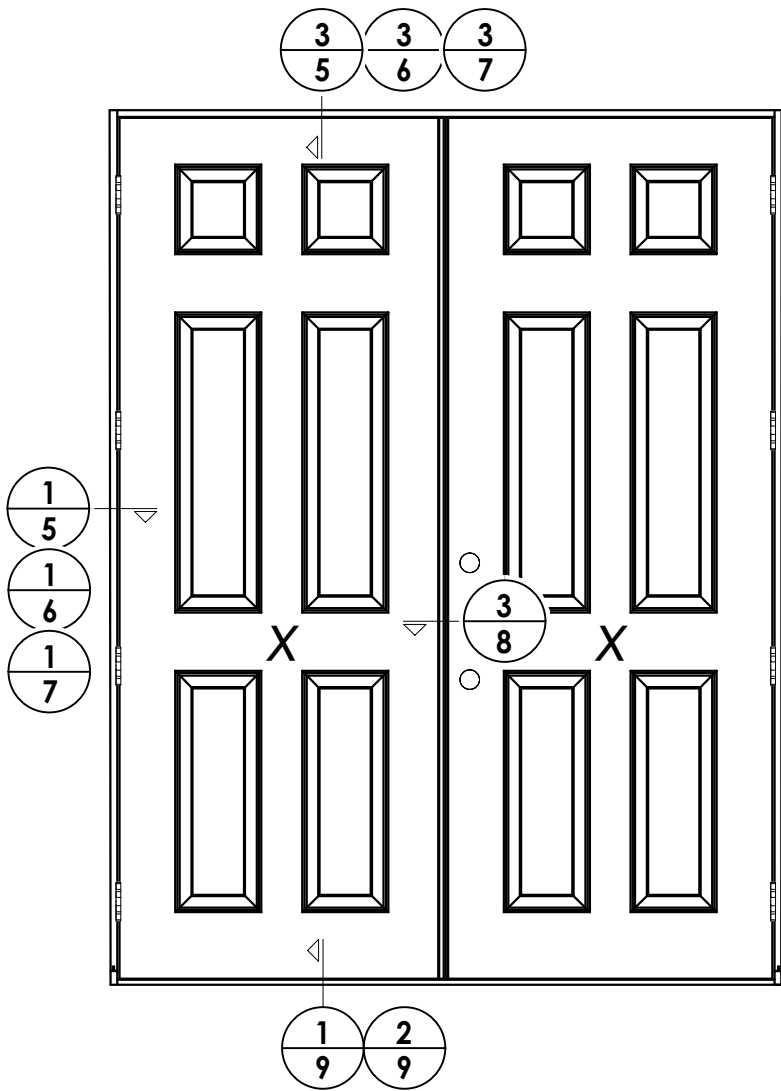
SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-25575.14

SHEET 3 OF 13



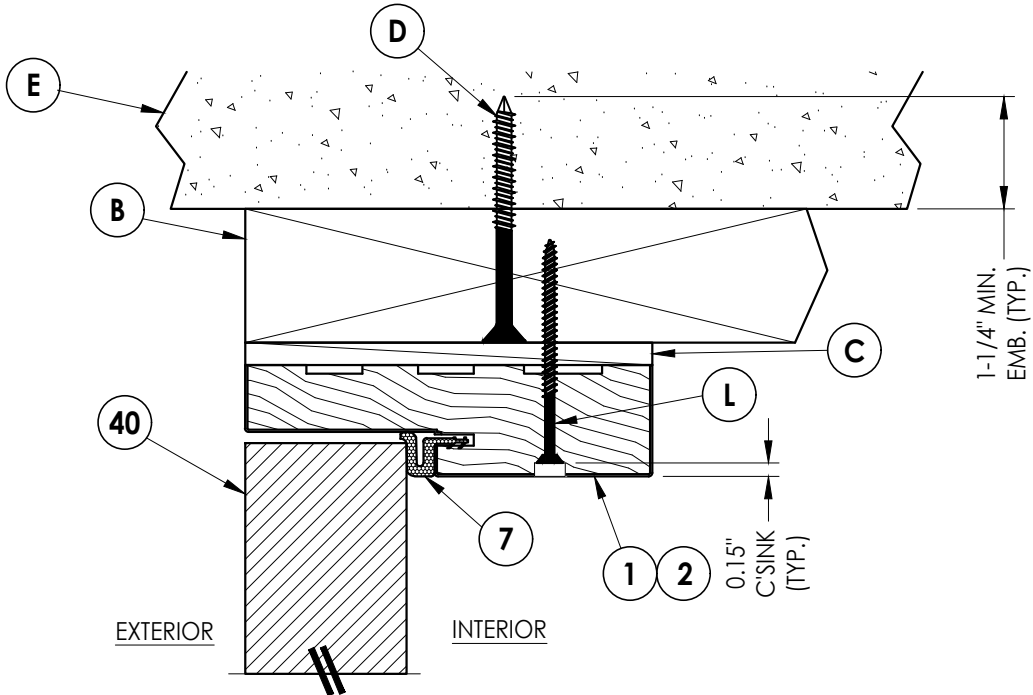
DATE: 3/24/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-25575.14
SHEET 4 OF 13

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

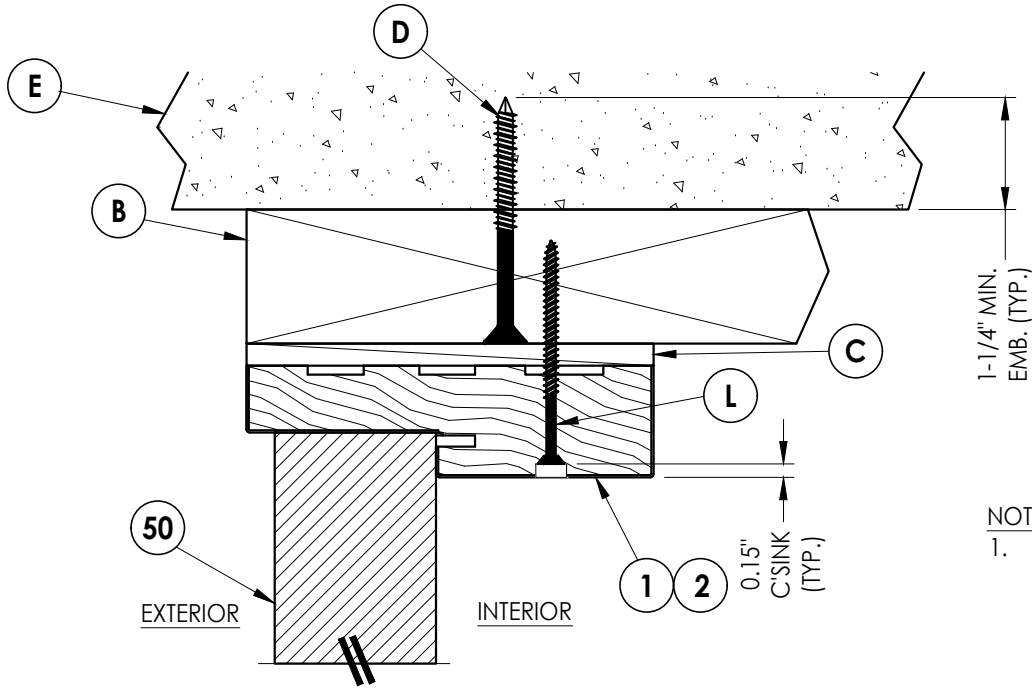
PRODUCT: TRINITY GLASS INT'L
PART OR ASSEMBLY: ELEVATIONS

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

Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.14-15.dwg

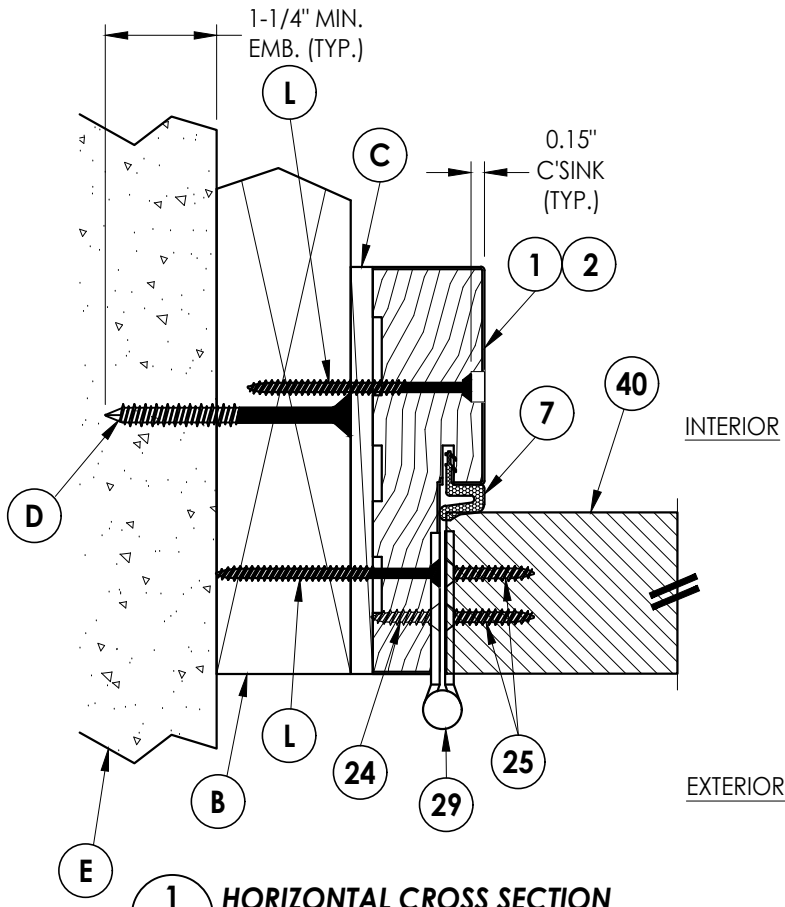


3 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

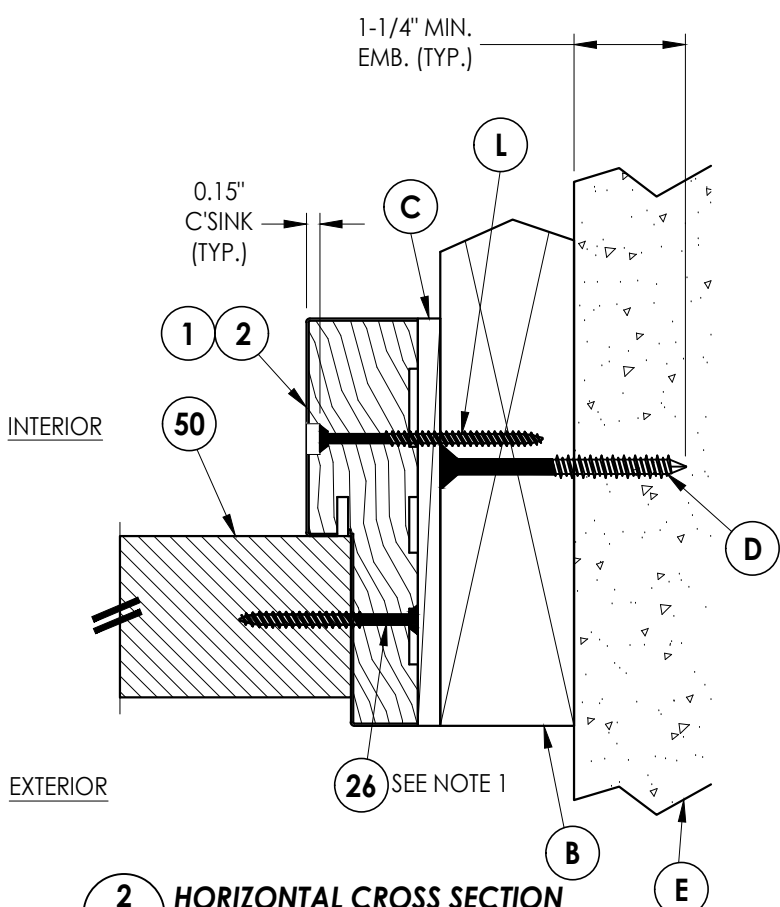


4 **VERTICAL CROSS SECTION**
5 Outswing shown - Inswing also approved

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

REVISIONS

DATE: 3/24/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-25575.14

SHEET 5 OF 13

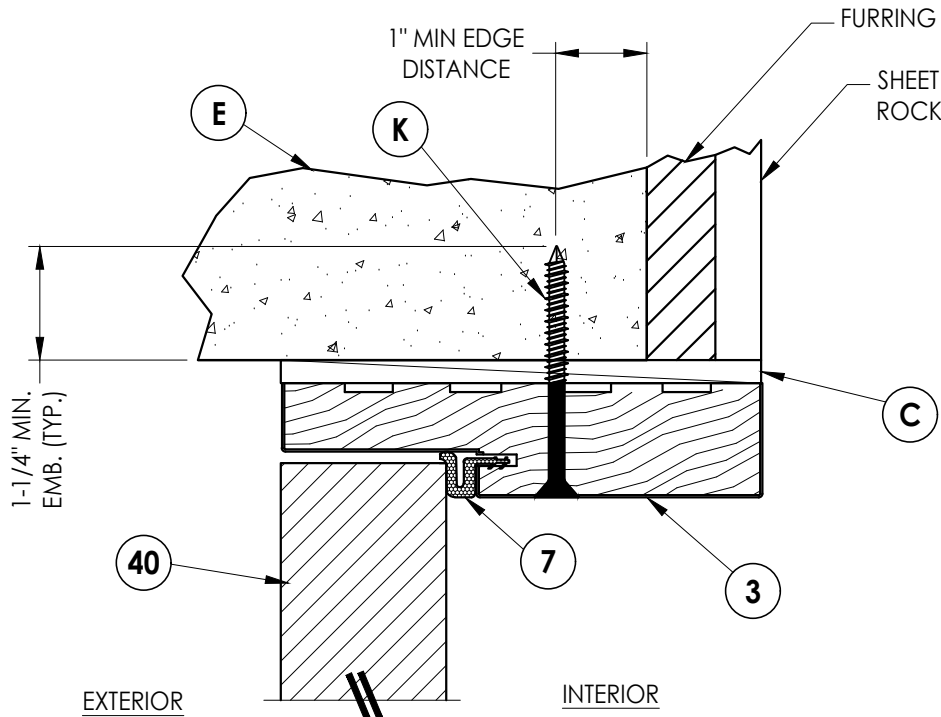
Technical cross-section diagram of a parapet wall assembly. The diagram shows a vertical wall section with various layers and components labeled with letters and numbers. On the left, the exterior side is indicated, and on the right, the interior side is indicated. The wall assembly includes a concrete base (1), a concrete parapet (2), a concrete deck (3), a concrete slab (4), a concrete layer (5), a concrete layer (6), a concrete layer (7), a concrete layer (8), a concrete layer (9), a concrete layer (10), a concrete layer (11), a concrete layer (12), a concrete layer (13), a concrete layer (14), a concrete layer (15), a concrete layer (16), a concrete layer (17), a concrete layer (18), a concrete layer (19), a concrete layer (20), a concrete layer (21), a concrete layer (22), a concrete layer (23), a concrete layer (24), a concrete layer (25), a concrete layer (26), a concrete layer (27), a concrete layer (28), a concrete layer (29), a concrete layer (30), a concrete layer (31), a concrete layer (32), a concrete layer (33), a concrete layer (34), a concrete layer (35), a concrete layer (36), a concrete layer (37), a concrete layer (38), a concrete layer (39), a concrete layer (40), a concrete layer (41), a concrete layer (42), a concrete layer (43), a concrete layer (44), a concrete layer (45), a concrete layer (46), a concrete layer (47), a concrete layer (48), a concrete layer (49), a concrete layer (50), a concrete layer (51), a concrete layer (52), a concrete layer (53), a concrete layer (54), a concrete layer (55), a concrete layer (56), a concrete layer (57), a concrete layer (58), a concrete layer (59), a concrete layer (60), a concrete layer (61), a concrete layer (62), a concrete layer (63), a concrete layer (64), a concrete layer (65), a concrete layer (66), a concrete layer (67), a concrete layer (68), a concrete layer (69), a concrete layer (70), a concrete layer (71), a concrete layer (72), a concrete layer (73), a concrete layer (74), a concrete layer (75), a concrete layer (76), a concrete layer (77), a concrete layer (78), a concrete layer (79), a concrete layer (80), a concrete layer (81), a concrete layer (82), a concrete layer (83), a concrete layer (84), a concrete layer (85), a concrete layer (86), a concrete layer (87), a concrete layer (88), a concrete layer (89), a concrete layer (90), a concrete layer (91), a concrete layer (92), a concrete layer (93), a concrete layer (94), a concrete layer (95), a concrete layer (96), a concrete layer (97), a concrete layer (98), a concrete layer (99), a concrete layer (100).

Labels and dimensions:

- E**: Exterior finish layer.
- A**: Concrete base layer.
- F**: Vertical reinforcement bar.
- C**: Concrete parapet layer.
- 1**: Concrete base layer.
- 2**: Concrete parapet layer.
- 50**: Dimension indicating the height of the exterior finish layer.
- 1-1/4" MIN.**: Minimum thickness dimension for the parapet wall.
- EMB. (TYP.)**: Typical embedment dimension for the reinforcement bar.
- EXTERIOR**: Label for the exterior side of the wall.
- INTERIOR**: Label for the interior side of the wall.

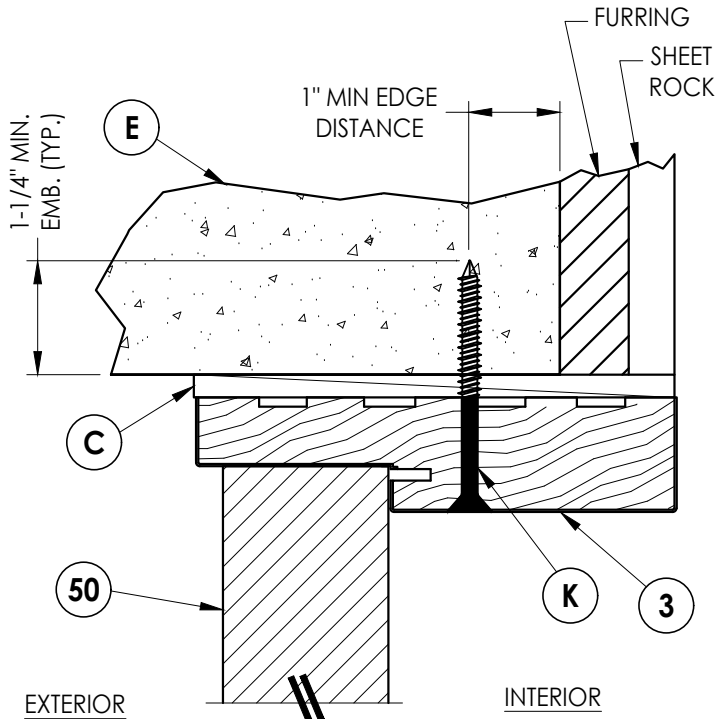
© 2021 R.W. BUILDING CONSULTANTS INC.

Z:\2023 FBC Drawings\Trinity Glass Int\VL-25575 R5VL-25575.14-15.dwg

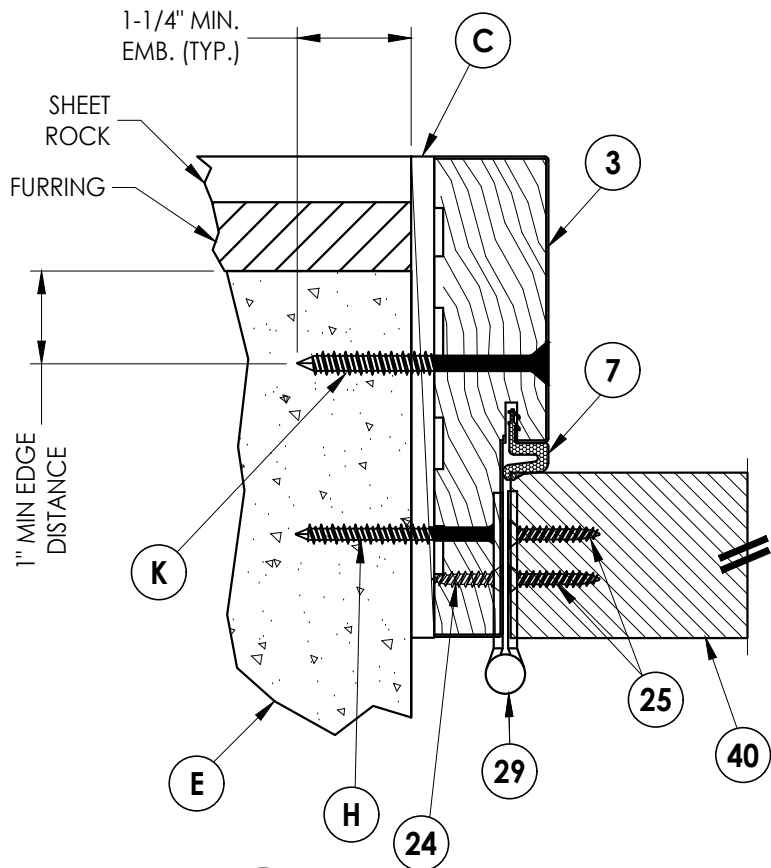


3
7 **VERTICAL CROSS SECTION**
Outswing only

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



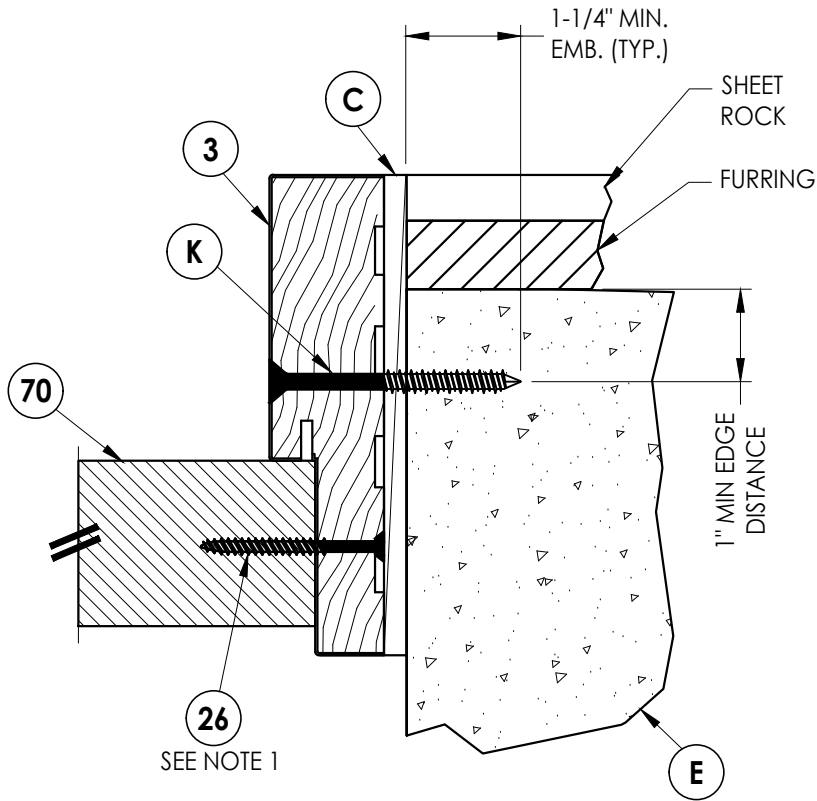
4
7 **VERTICAL CROSS SECTION**
Outswing only



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		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)	
		REVISIONS	
		DATE: 3/24/21	
		SCALE: N.T.S.	
		DWG. BY: RW	
		CHK. BY: LFS	
		DRAWING NO.: FL-25575.14	
		SHEET 7 OF 13	
		NO. DATE	
		1 8/01/23 UPDATE TO 8TH ED. (2023) FBC	
		LFS BY	



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

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

DATE:	3/24/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-25575.14
SHEET	8 OF 13

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

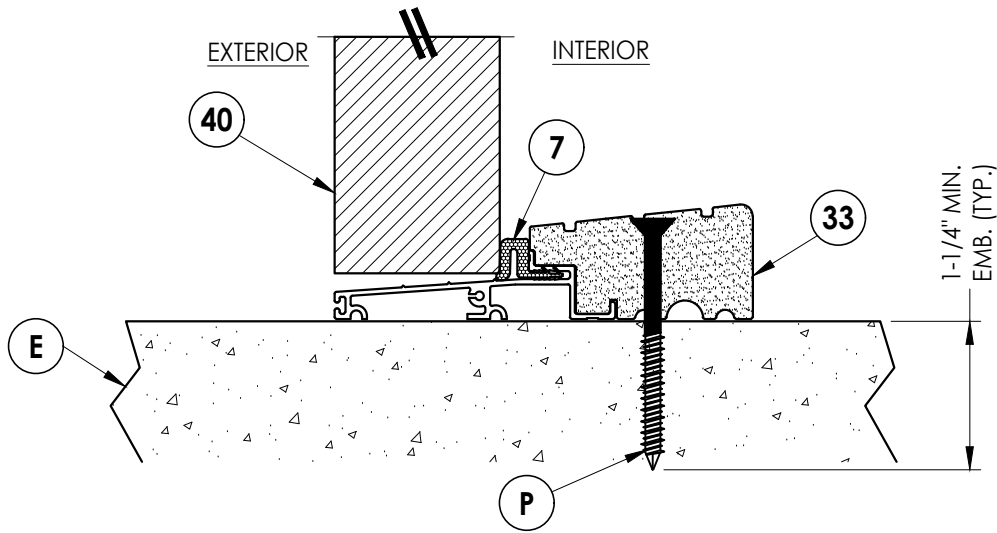
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: TRINITY GLASS INT'L

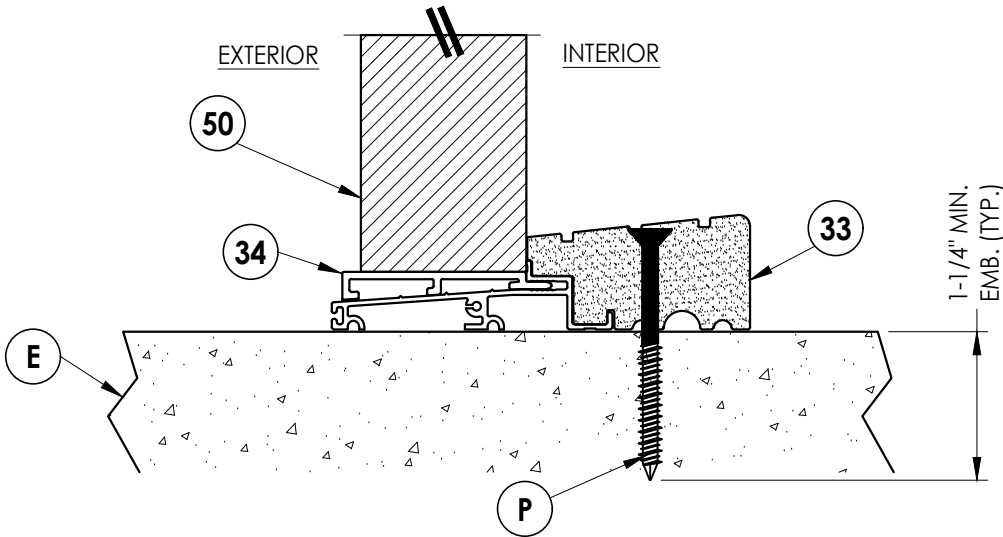
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

© 2021 R.W. BUILDING CONSULTANTS INC.

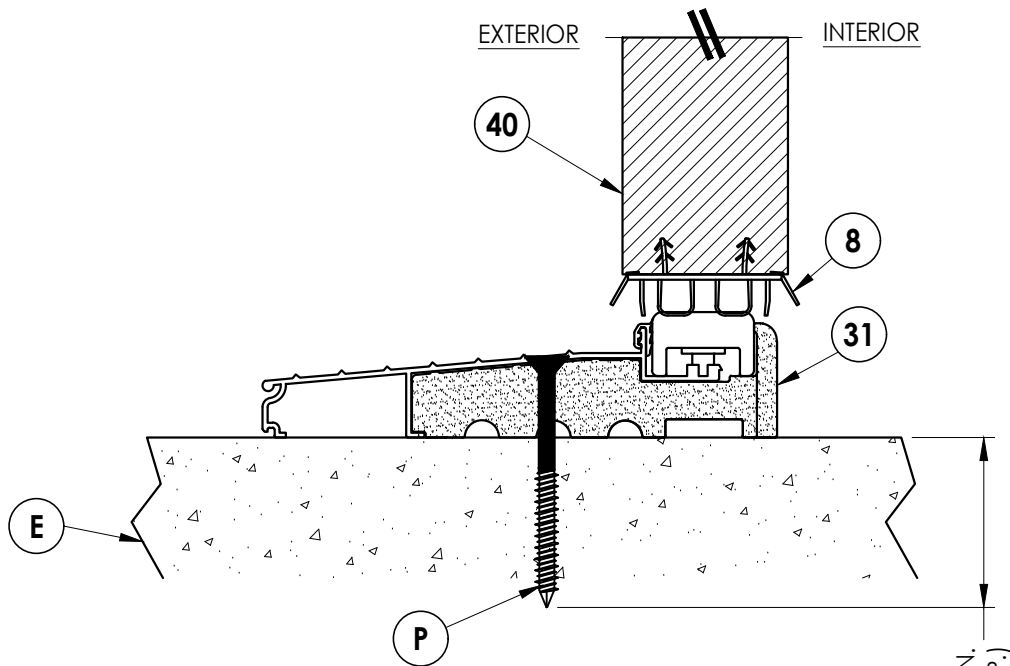
Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.14-15.dwg



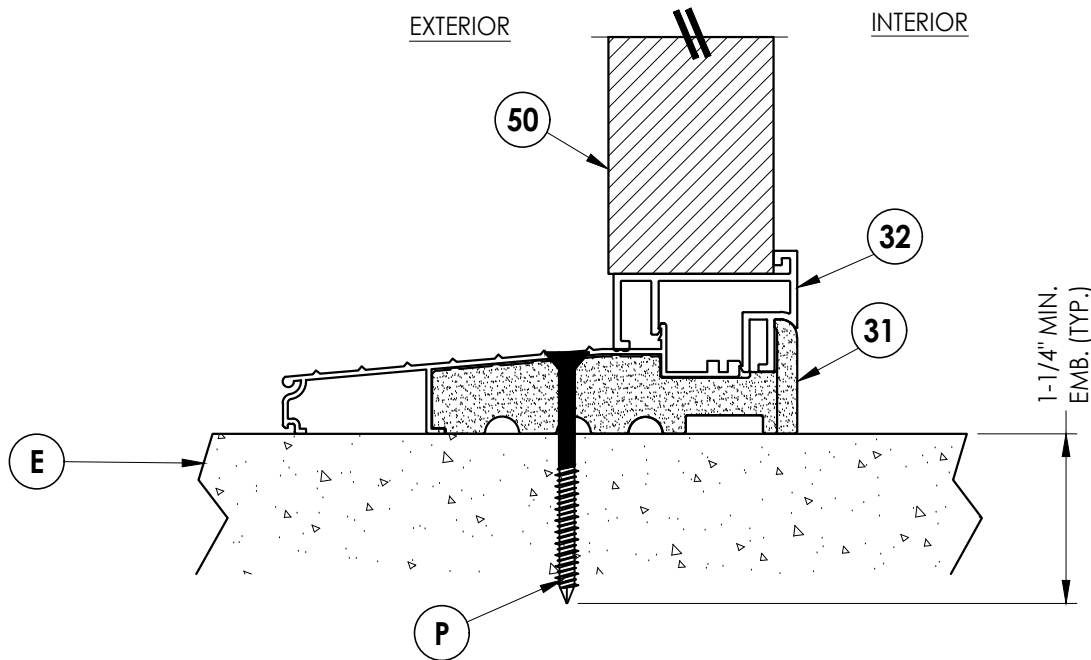
1 **VERTICAL CROSS SECTION**
9 Outswing sill - high dam



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: 3/24/21

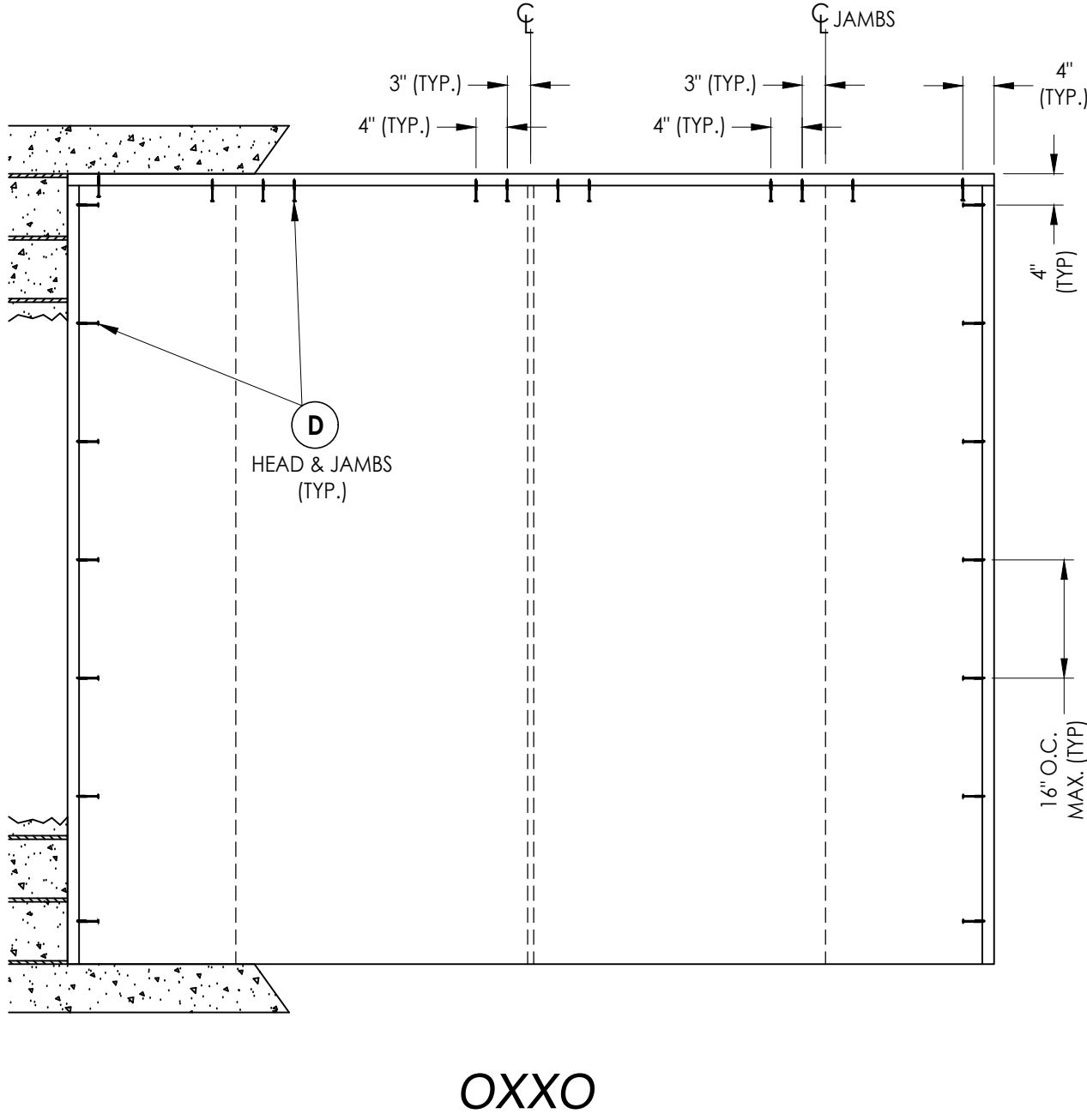
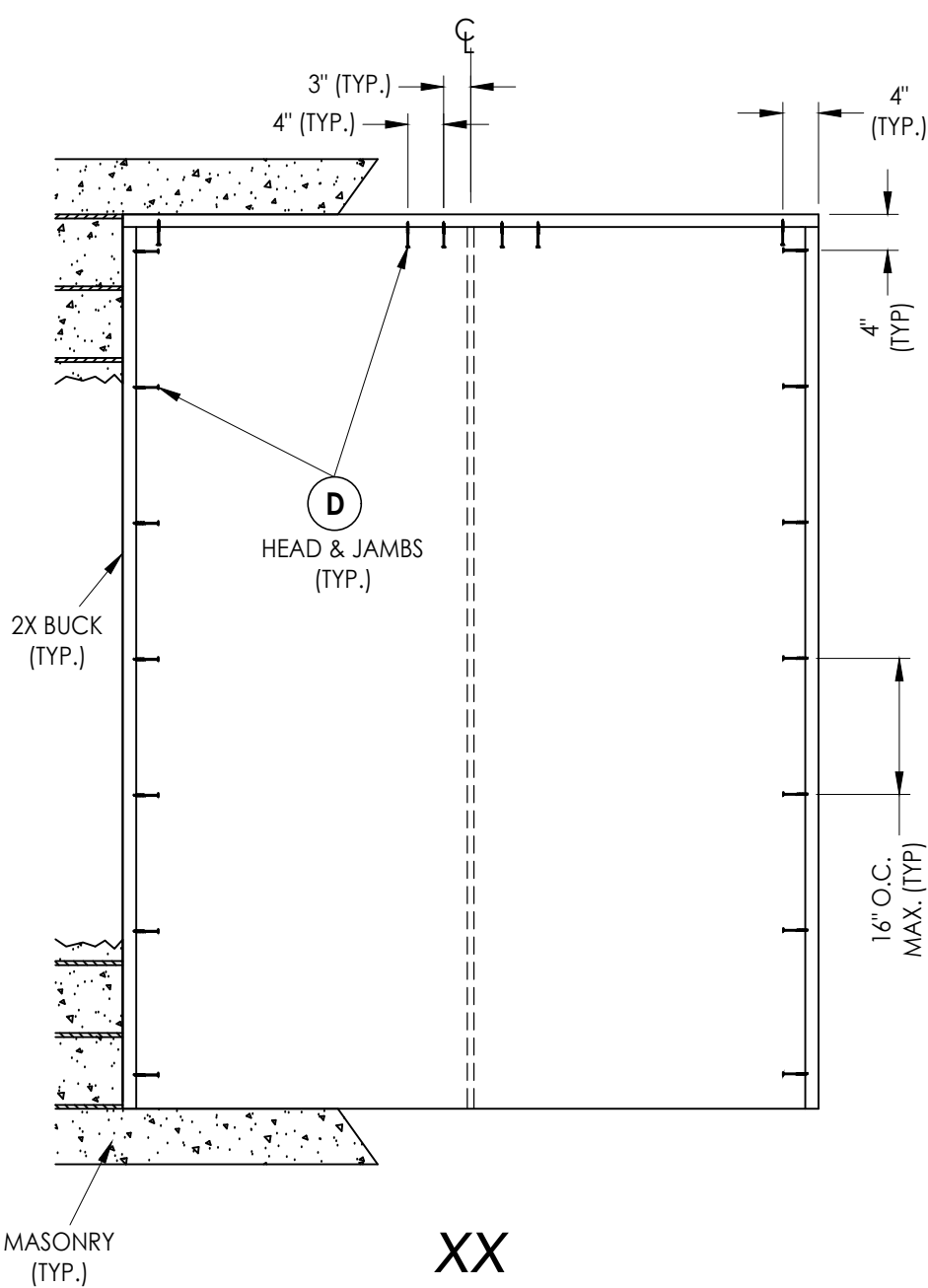
SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-25575.14

SHEET 9 OF 13

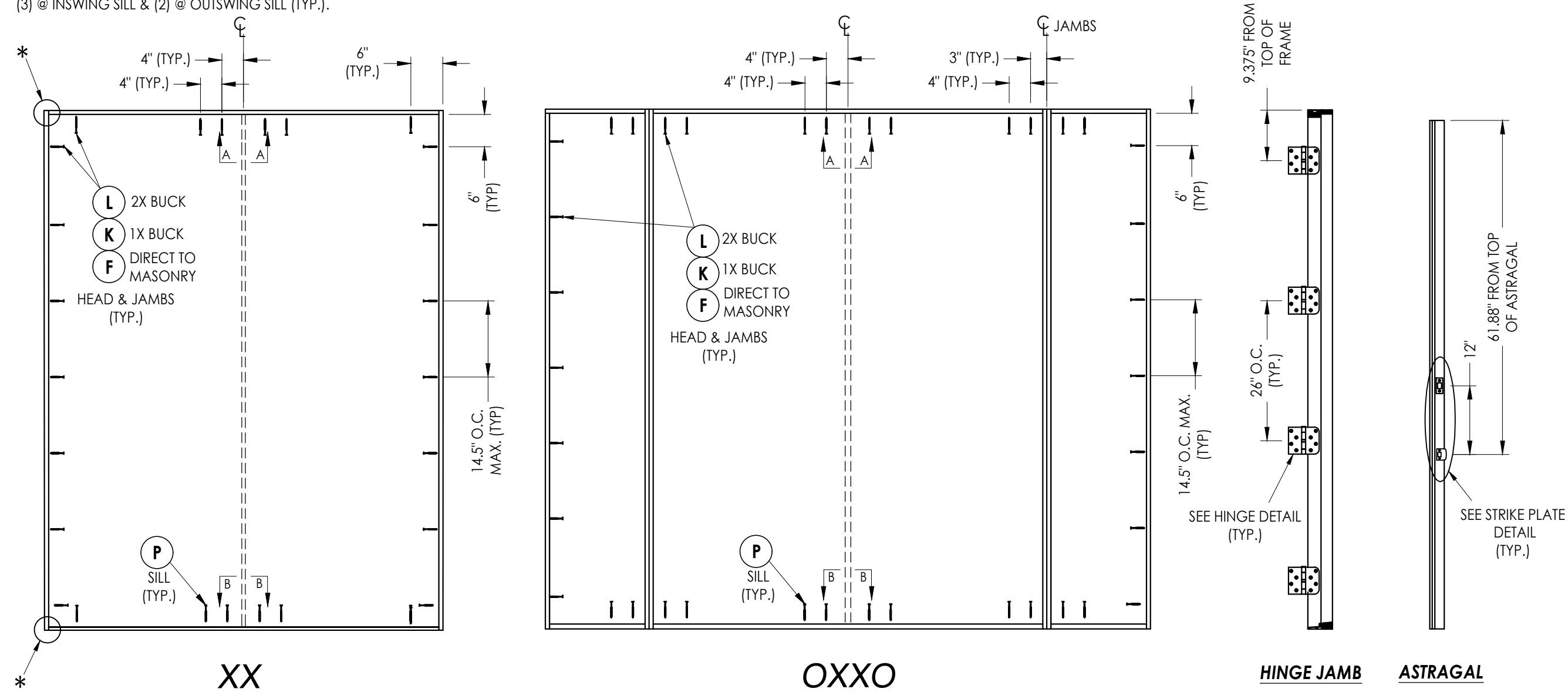


2X BUCK ANCHORING

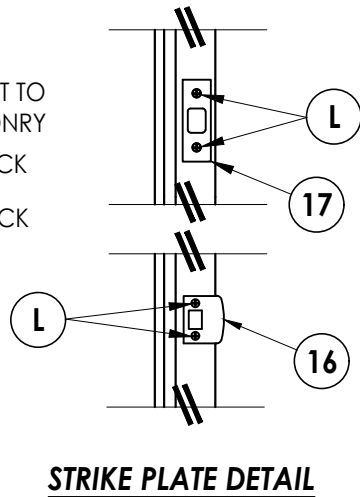
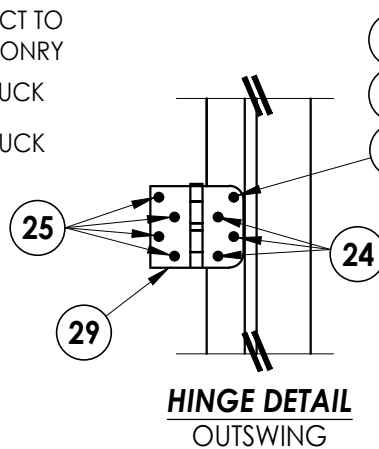
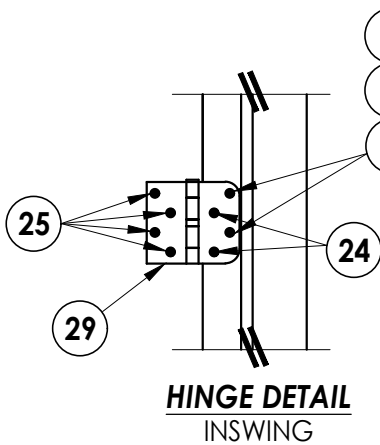
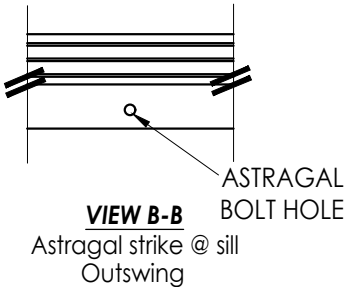
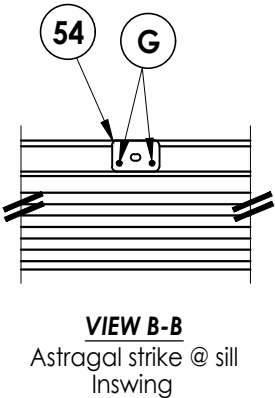
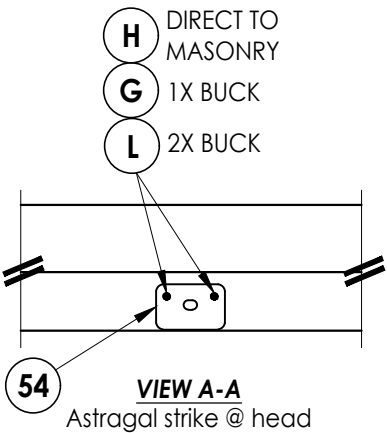
DATE: 3/24/21		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		TRINITY GLASS INT'L		Lyndon F. Schmidt	
DWG. BY: RW				P.E. No. 43409	
CHK. BY: LFS					
DRAWING NO.: FL-25575.14					
SHEET 10 OF 13					
		PART OR ASSEMBLY:		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
		BUCK ANCHORING			
1 8/01/23 UPDATE TO 8TH ED. (2023) FBC LFS					
NO. DATE		BY			
		REVISIONS			

Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.14-15.dwg

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

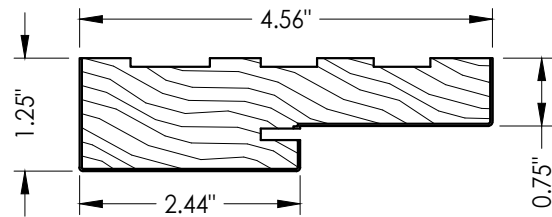


FRAME ANCHORING

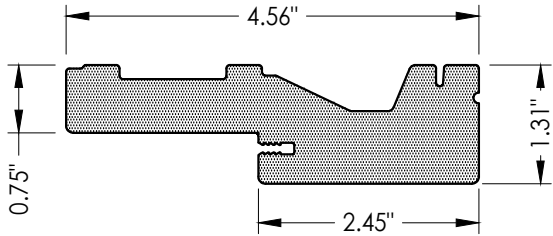


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: TRINITY GLASS INT'L		PART OR ASSEMBLY: FRAME ANCHORING	
		LFS	BY
		8/01/23	DATE
		NO.	REVISIONS
DATE: 3/24/21		SCALE: N.T.S.	
DWG. BY: RW		CHK. BY: LFS	
DRAWING NO.: FL-25575.14		SHEET 11 OF 13	

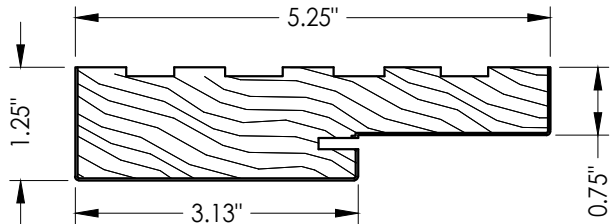
Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-25575 R5\FL-25575.14-15.dwg



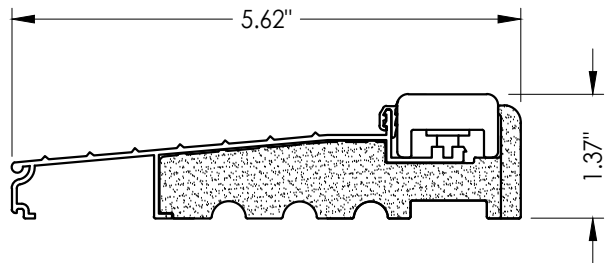
1 HEAD & JAMBS
FINGER JOINT PINE



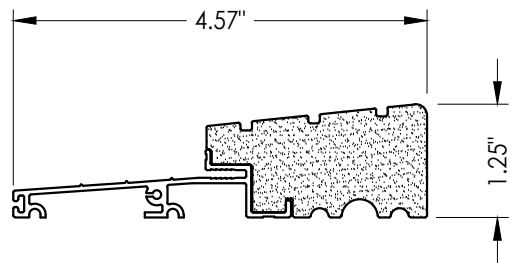
2 HEAD & JAMBS
PVC



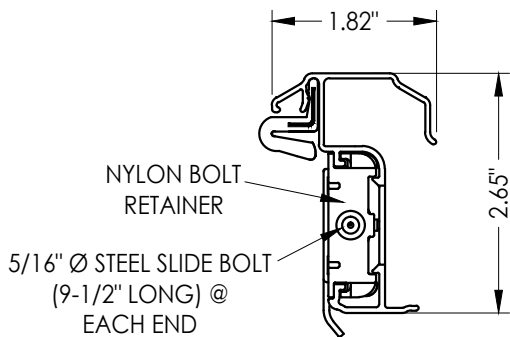
3 HEAD & JAMBS
FINGER JOINT PINE



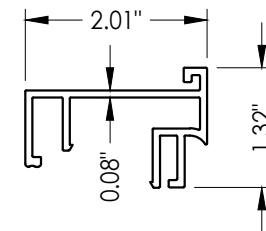
31 INSWING THRESHOLD



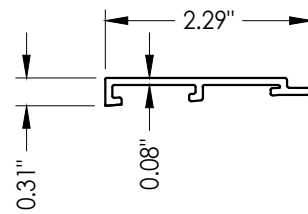
33 OUTSWING THRESHOLD
High-dam



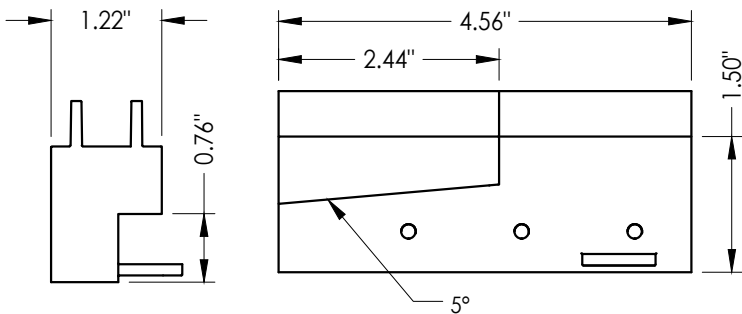
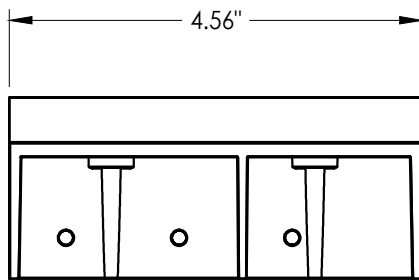
53 ULTIMATE HURRICANE ASTRAGAL
Endura Products



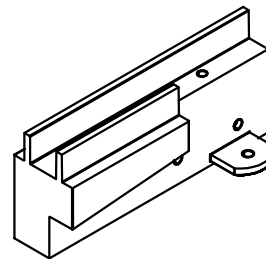
32 SIDELITE SPACER
Inswing



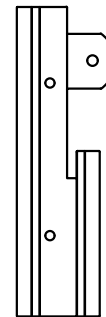
34 SIDELITE SPACER
Outswing



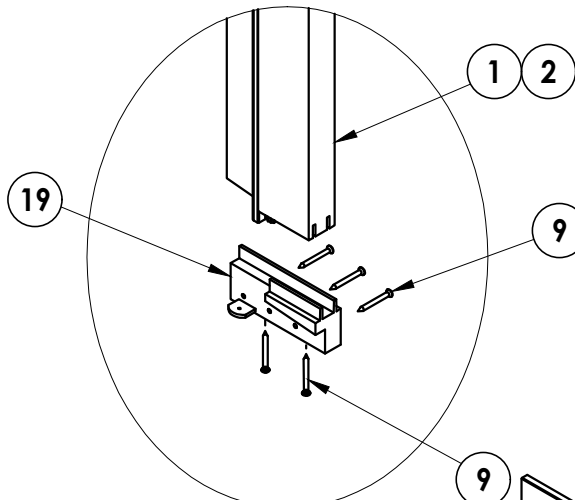
19 SILLKEY DETAILS
Optional



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

DATE: 3/24/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-25575.14
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]