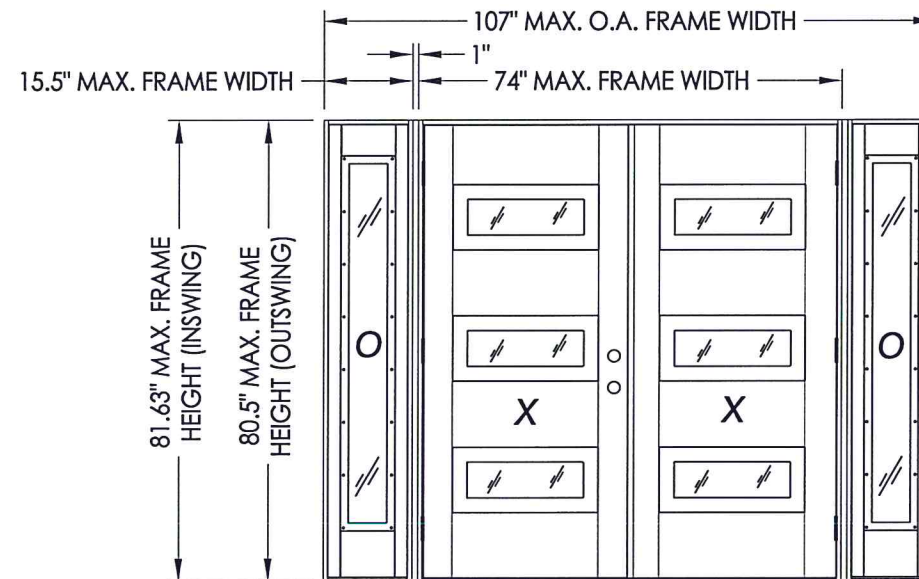
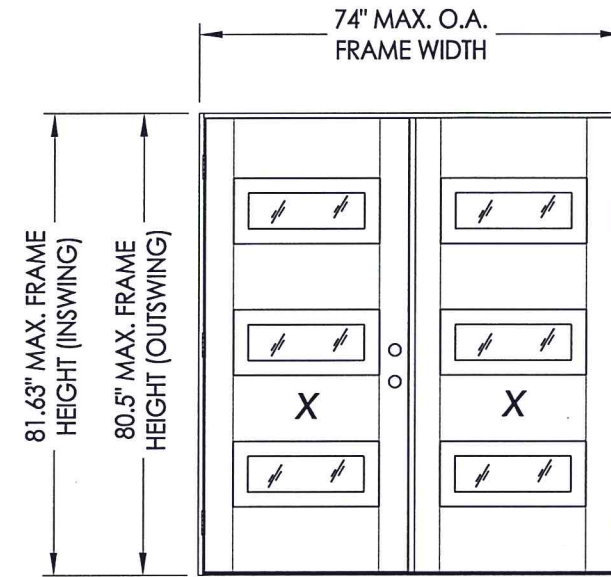


"Modern" GLAZED FIBERGLASS DOUBLE DOOR

w/ or w/out SIDELITE(S)
"NON-IMPACT"
INSWING / OUTSWING

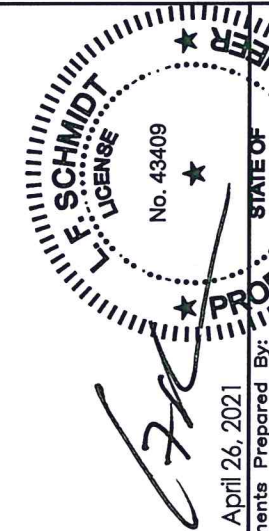


GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 81.63"	+55.0	-55.0	+55.0	-55.0
OXXO	107.0" x 81.63"	+55.0	-55.0	+55.0	-55.0



April 26, 2021
 Documents Prepared By:
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PROFESSIONAL ENGINEER
 STATE OF FLORIDA

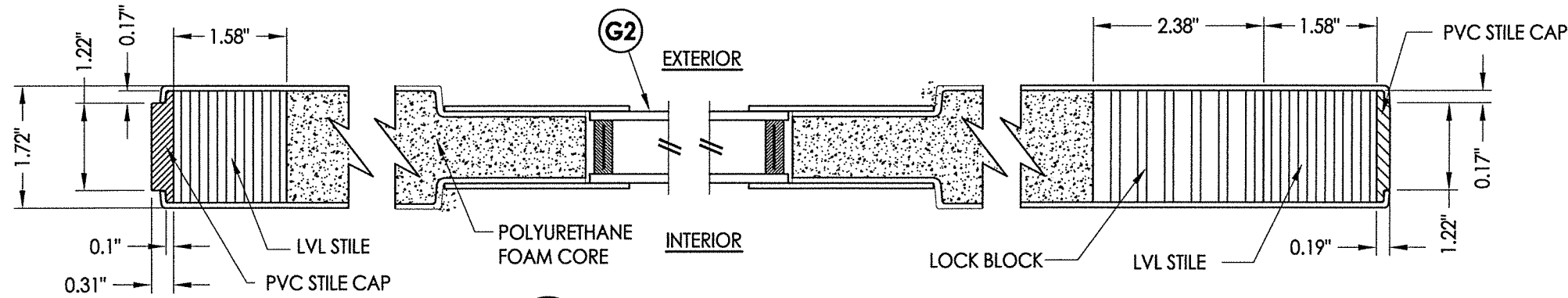
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 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT: TRINITY GLASS INT'L
 PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

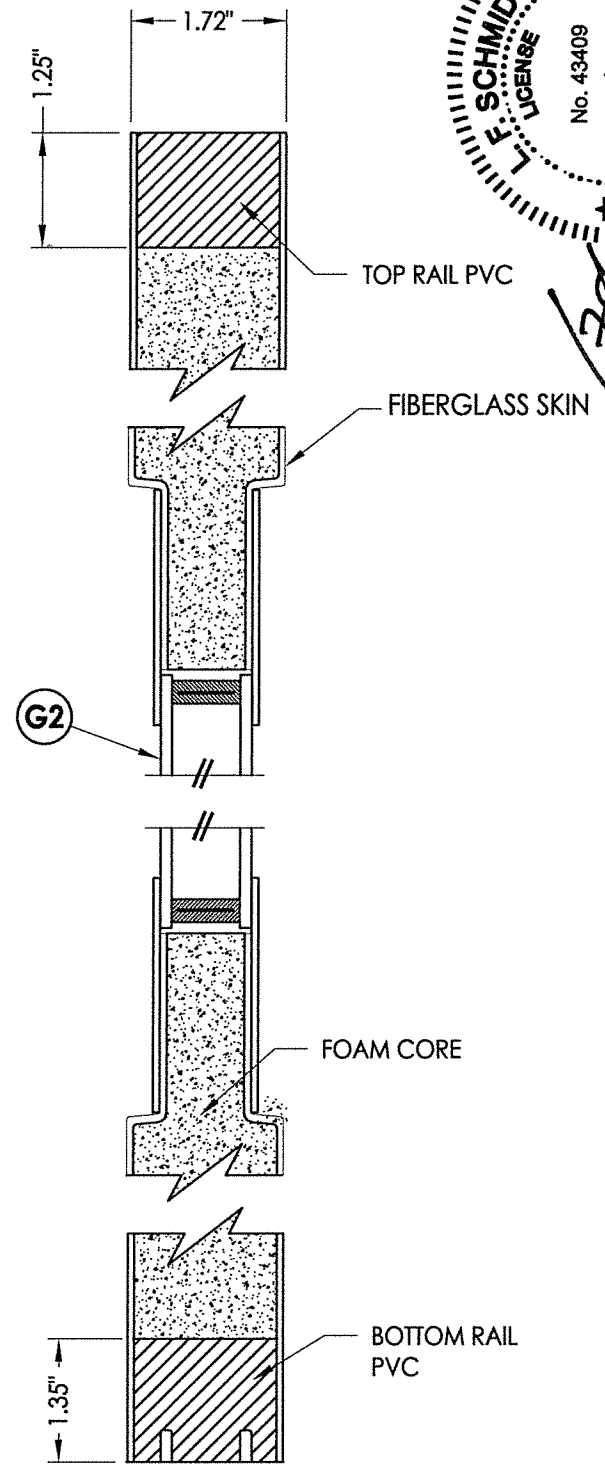
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DATE: 2/05/20
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 DWG. BY: RW
 CHK. BY: LFS
 DRAWING NO.: FL-25575.9
 SHEET 1 OF 13

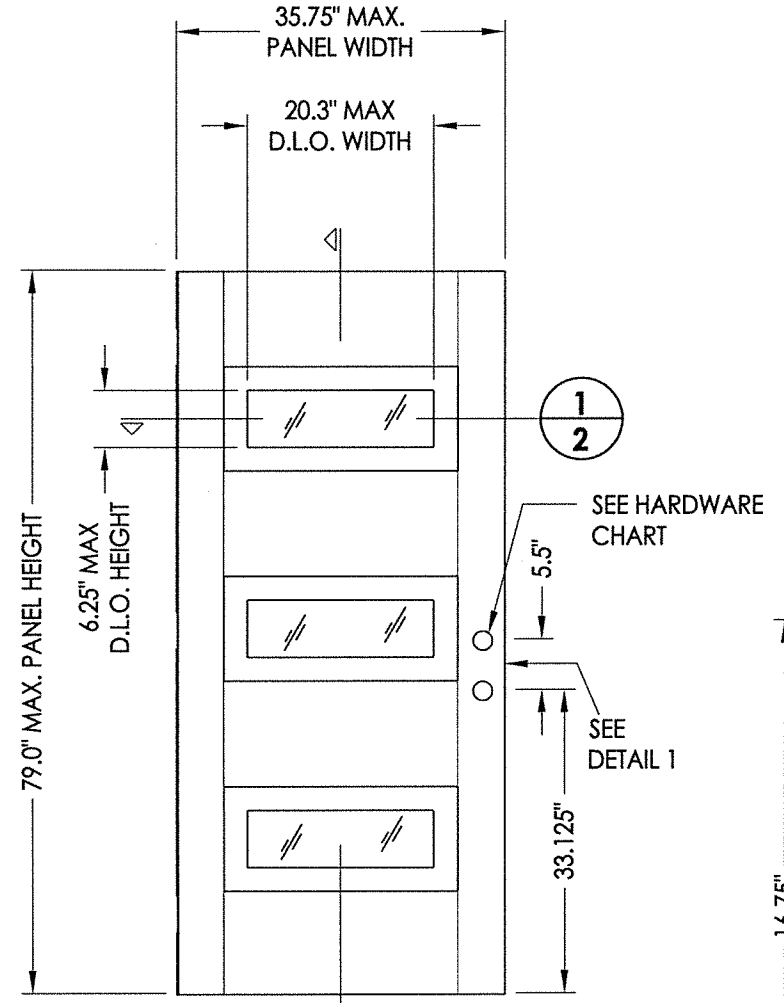
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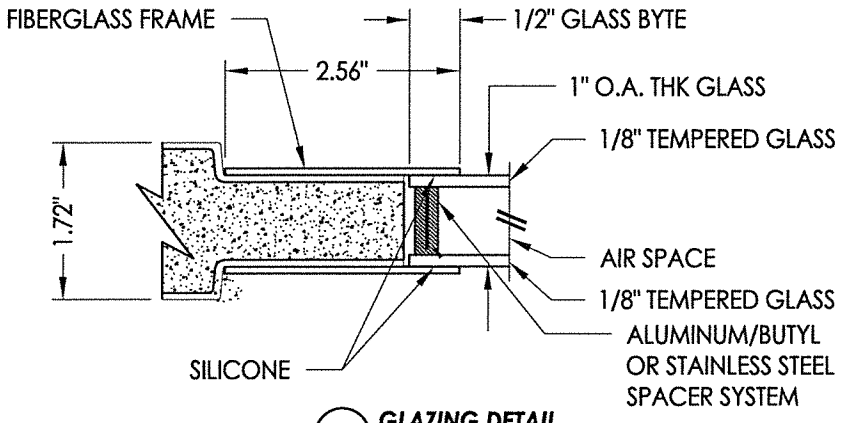
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2 HORIZONTAL CROSS SECTION



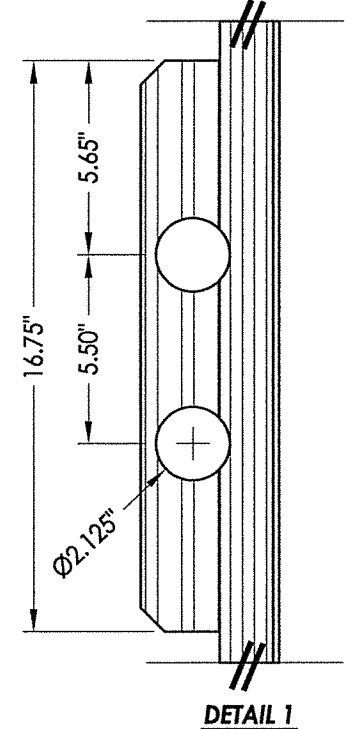
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2 VERTICAL CROSS SECTION



2
2 GLAZED DOOR
Modern

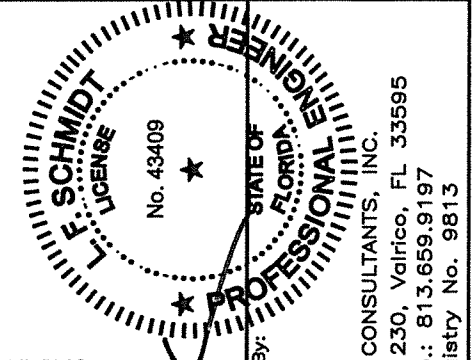


G2 GLAZING DETAIL



DETAIL 1

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



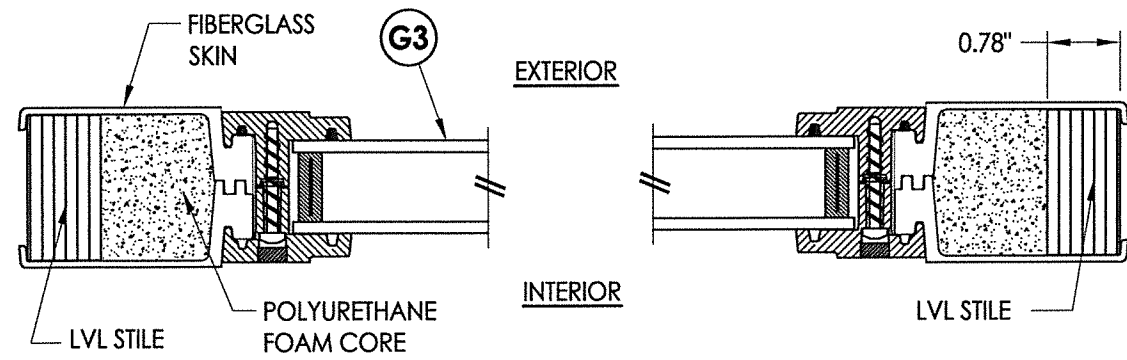
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 Documents Prepared By:
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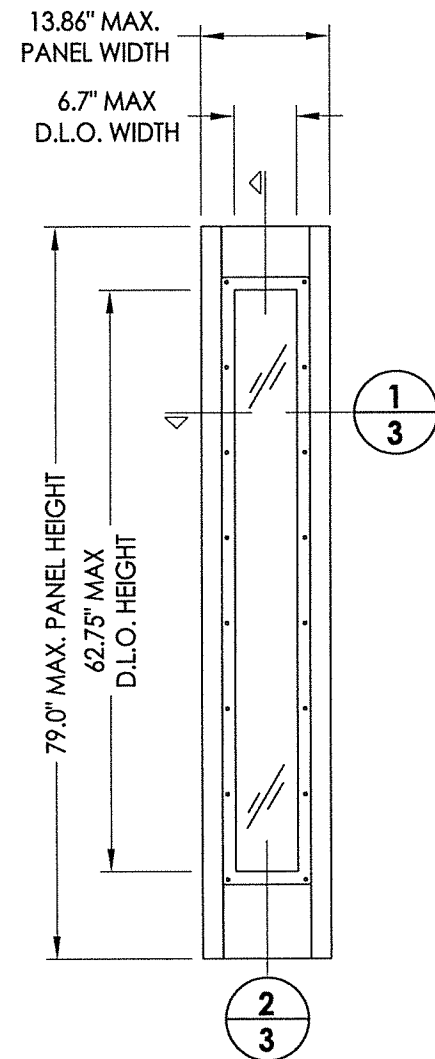
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DATE:	2/05/20
SCALE:	N.T.S.
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CHK. BY:	LFS
DRAWING NO.:	FL-25575.9
SHEET	2 OF 13

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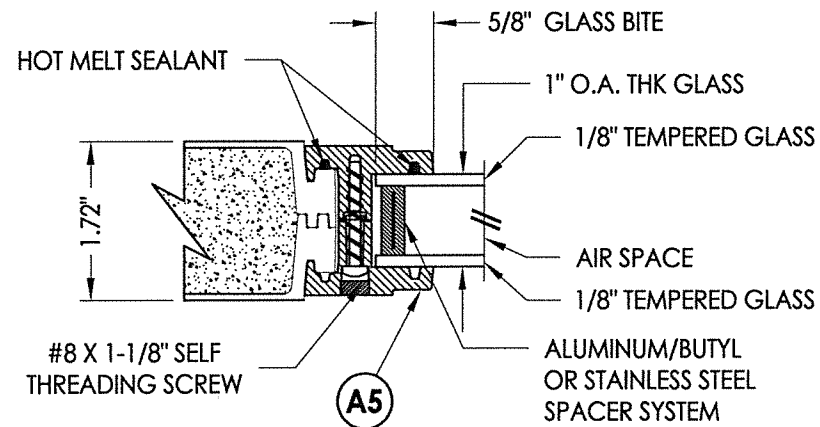
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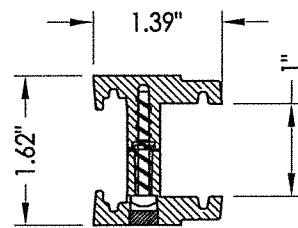
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3 **HORIZONTAL CROSS SECTION**



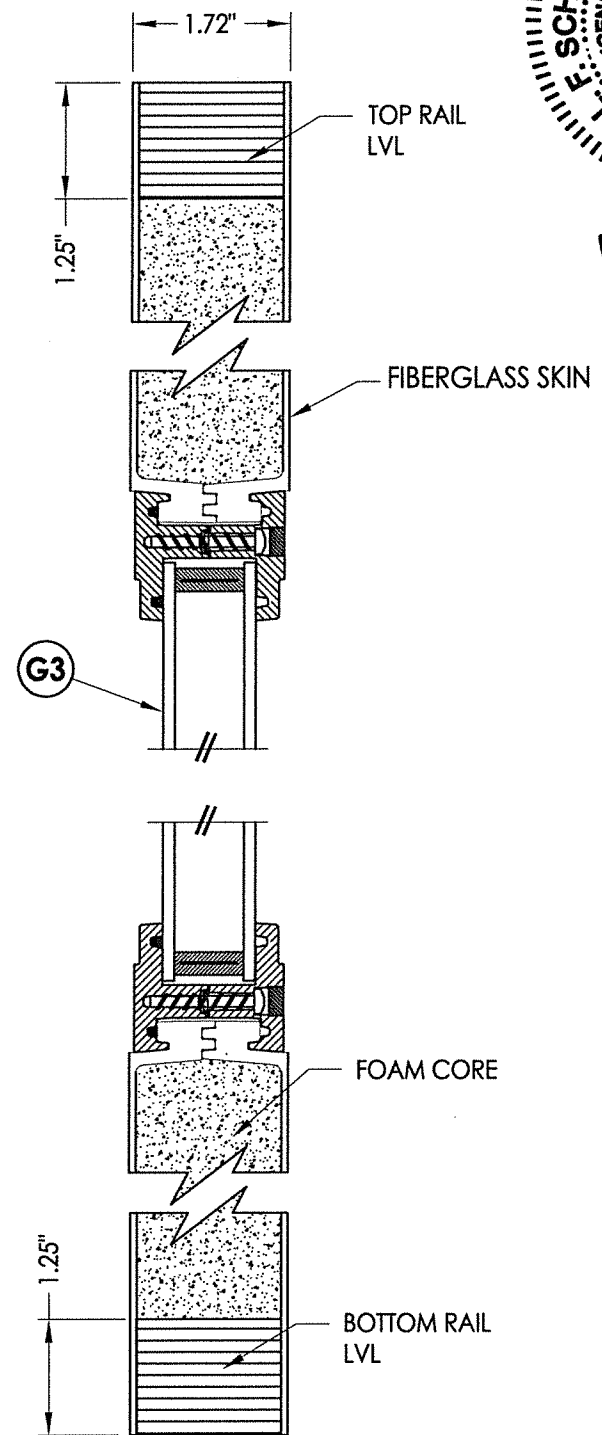
70 **SIDELITE PANEL**



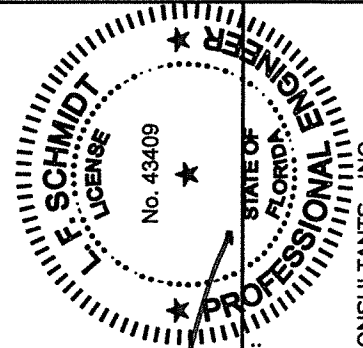
G3 **GLAZING DETAIL**



A5 **FRAME**
ABS



2
3 **VERTICAL CROSS SECTION**

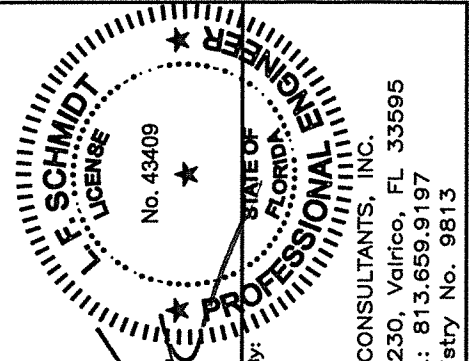
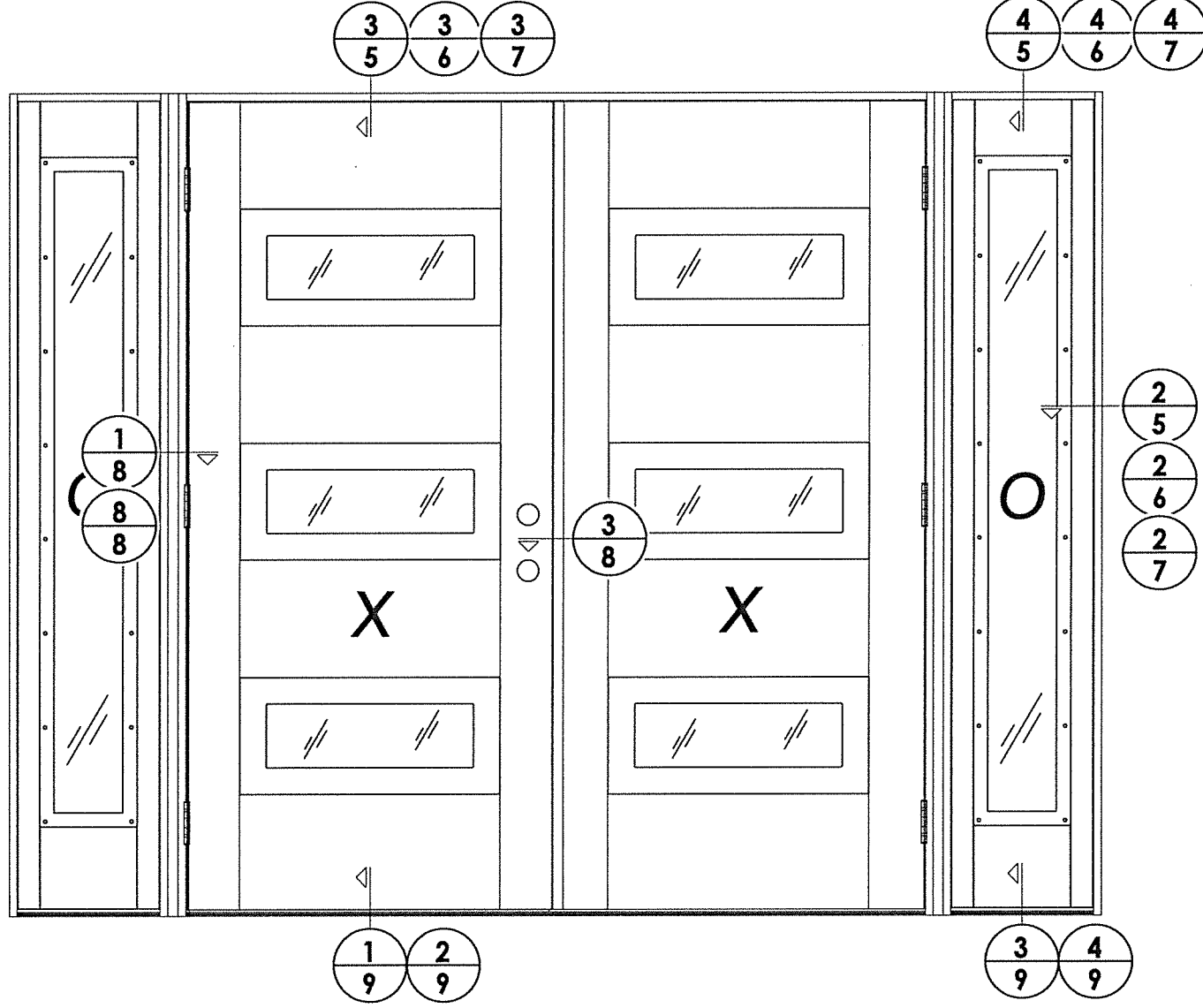
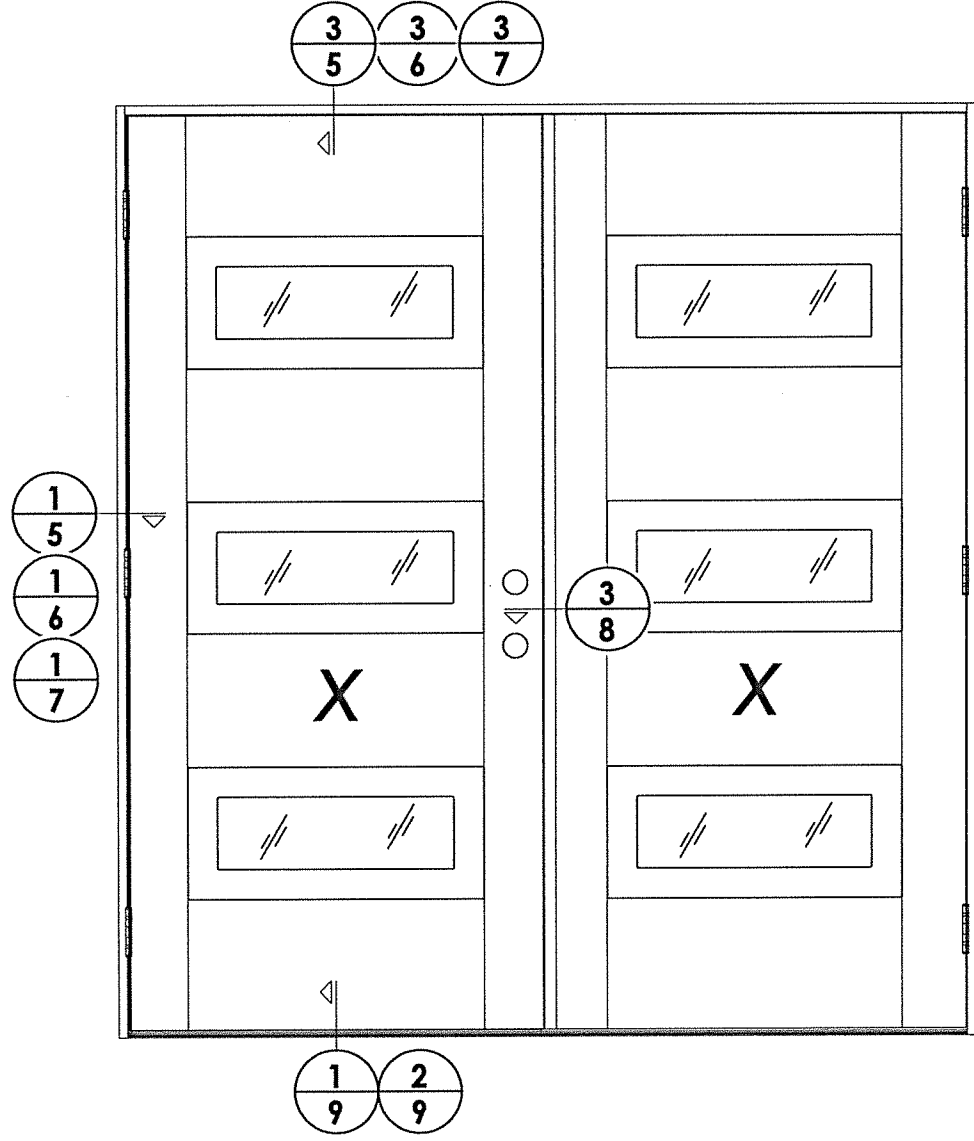


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 Phone No.: 813.659.9197
 FBPE Registry No. 9813

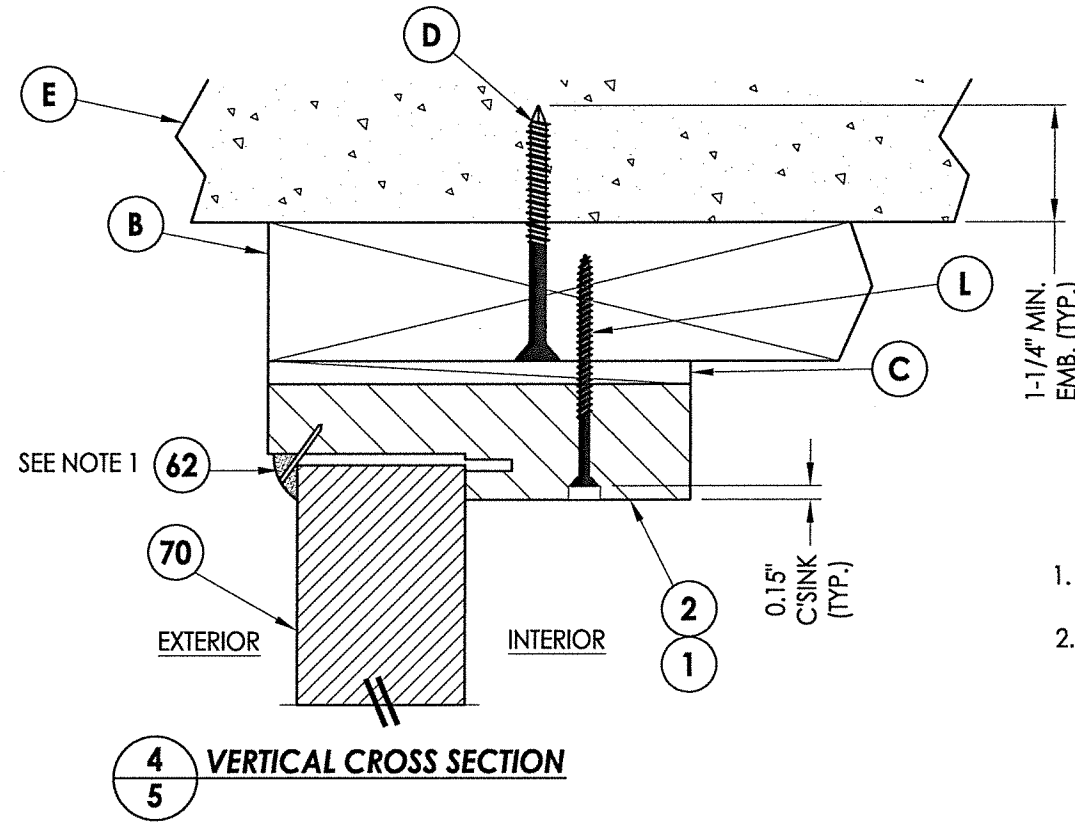
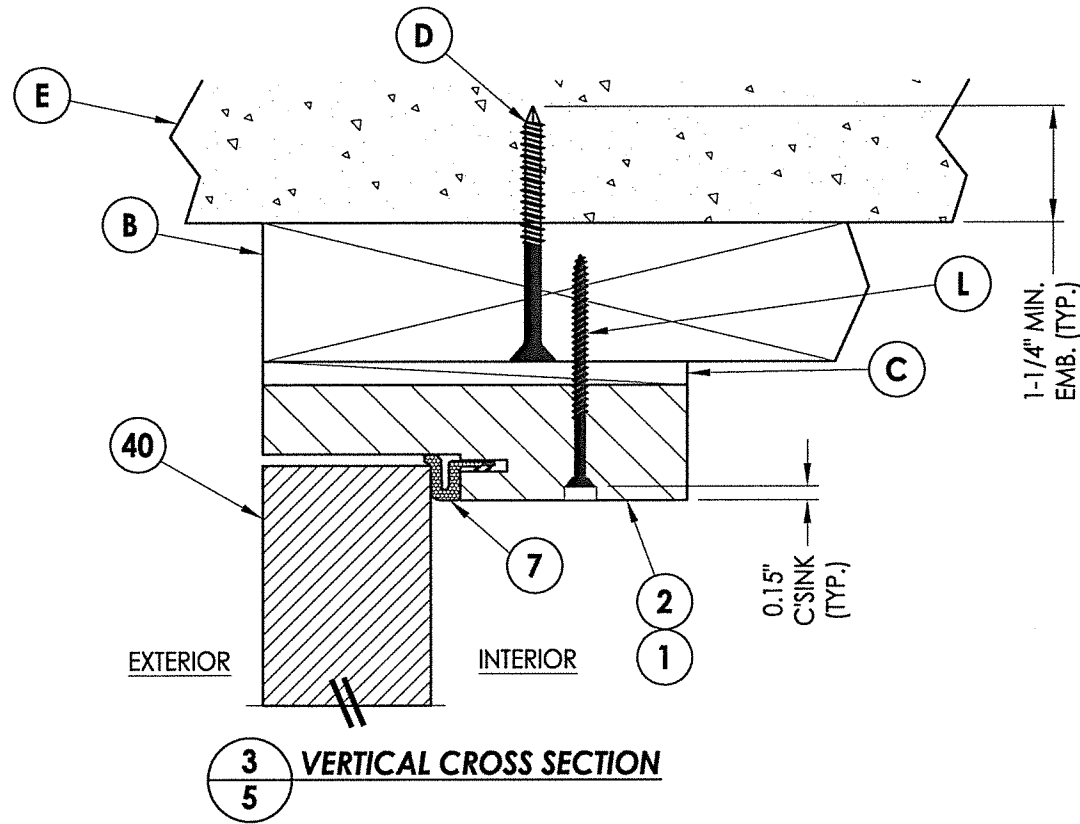
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UPDATE TO 7th ED. (2020) FBC & REVISE ENDURA ULT. ASTRAGAL		
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DATE:	2/05/20
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DRAWING NO.:	FL-25575.9
SHEET	3 OF 13



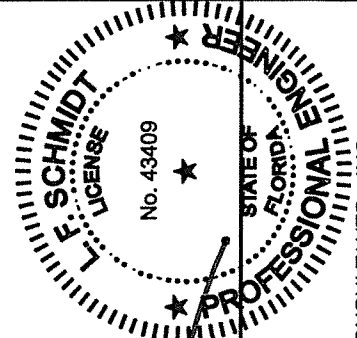
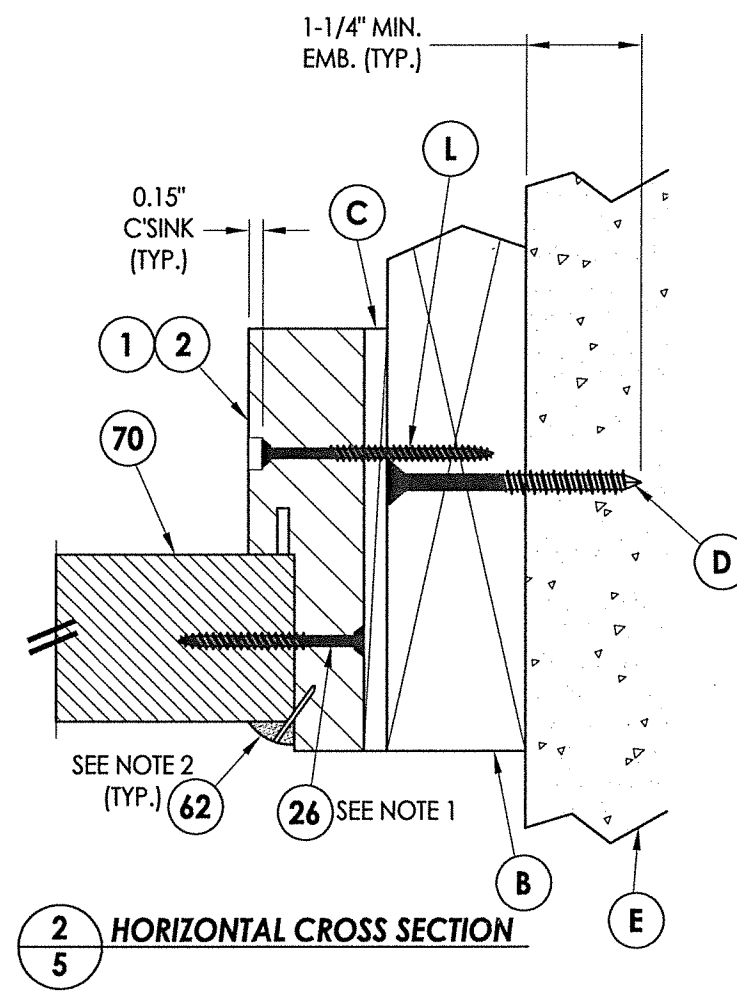
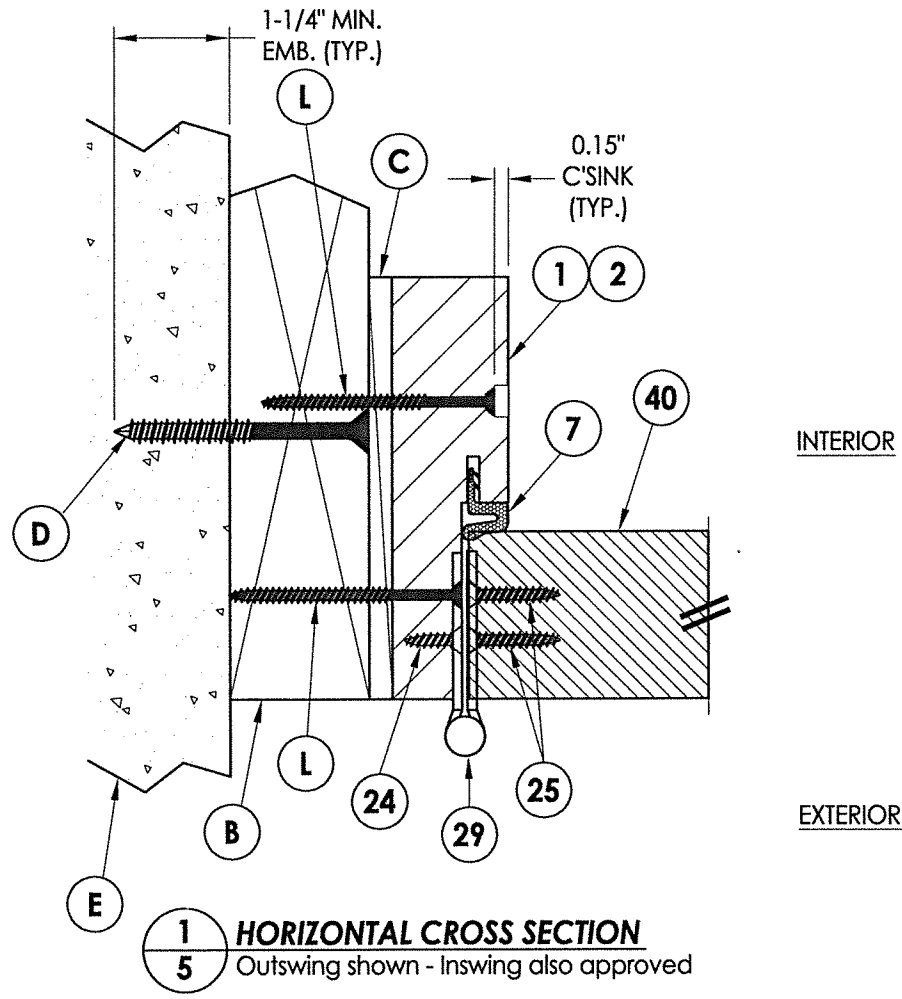
April 26, 2021
 Documents Prepared By:
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 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		TRINITY GLASS INT'L	
PART OR ASSEMBLY:		ELEVATIONS	
NO.	DATE	DAC	BY
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DATE: 2/05/20		SCALE: N.T.S.	
DWG. BY: RW		CHK. BY: LFS	
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SHEET 4 OF 13			



NOTE:

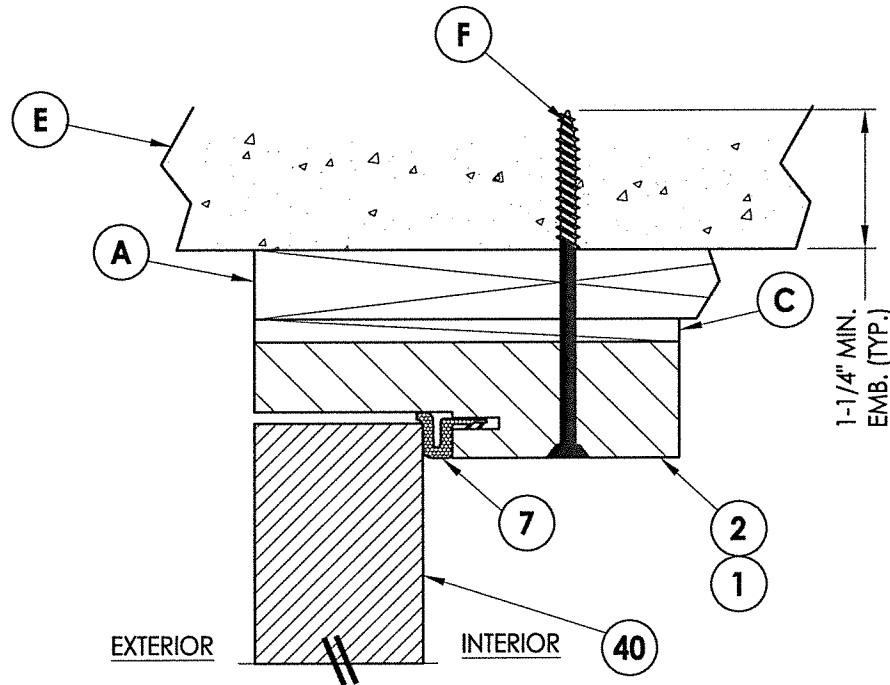
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- PVC Quarter round attached with 18 GA. brad nail 3" from each end then 8" on center thereafter.



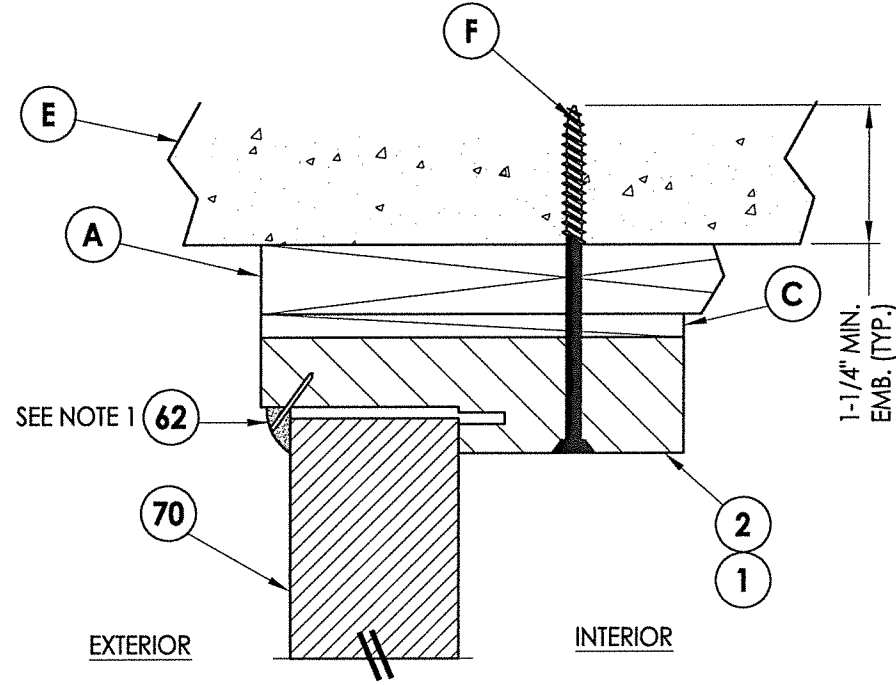
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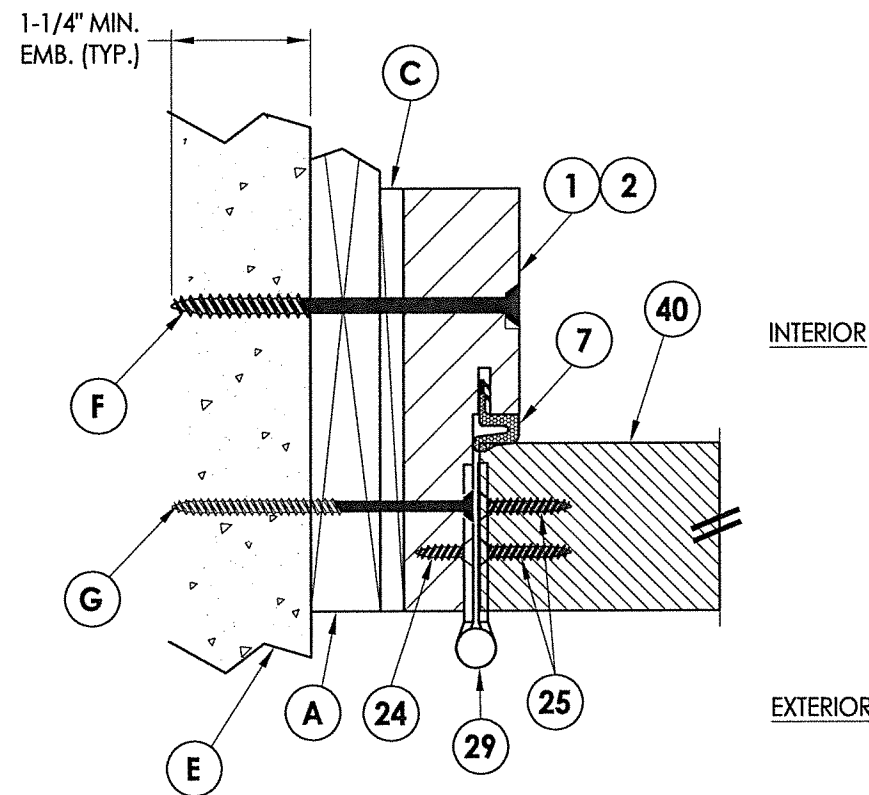
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DATE: 2/05/20			
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SHEET 5 OF 13			



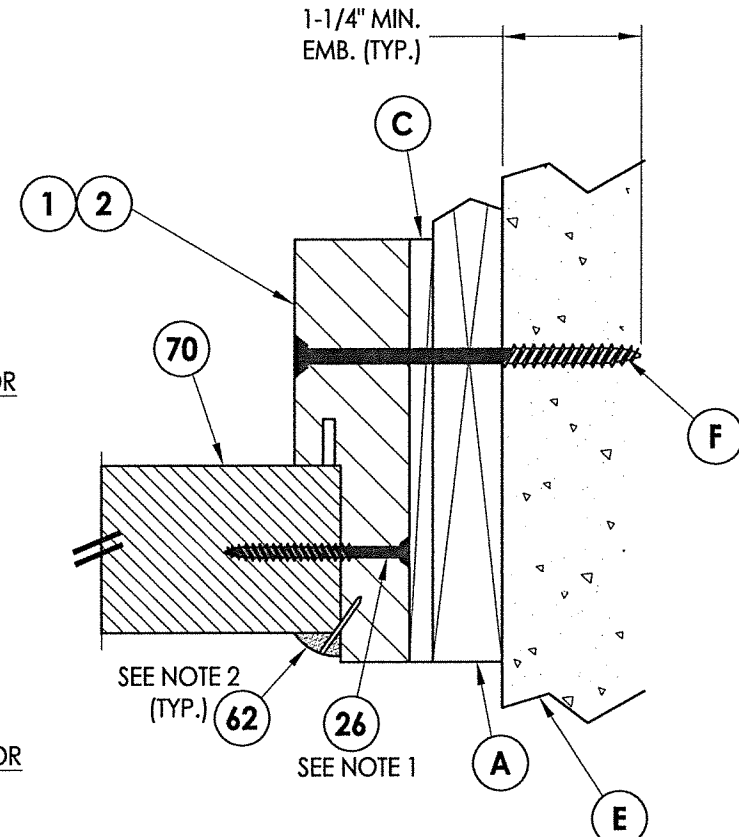
3
6 VERTICAL CROSS SECTION



4
6 VERTICAL CROSS SECTION



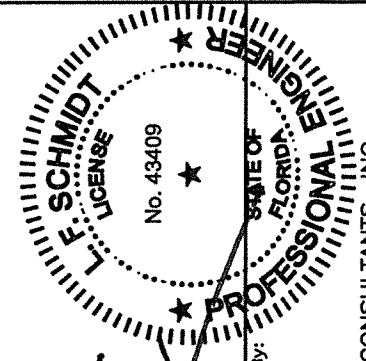
1
6 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved



2
6 HORIZONTAL CROSS SECTION

NOTE:

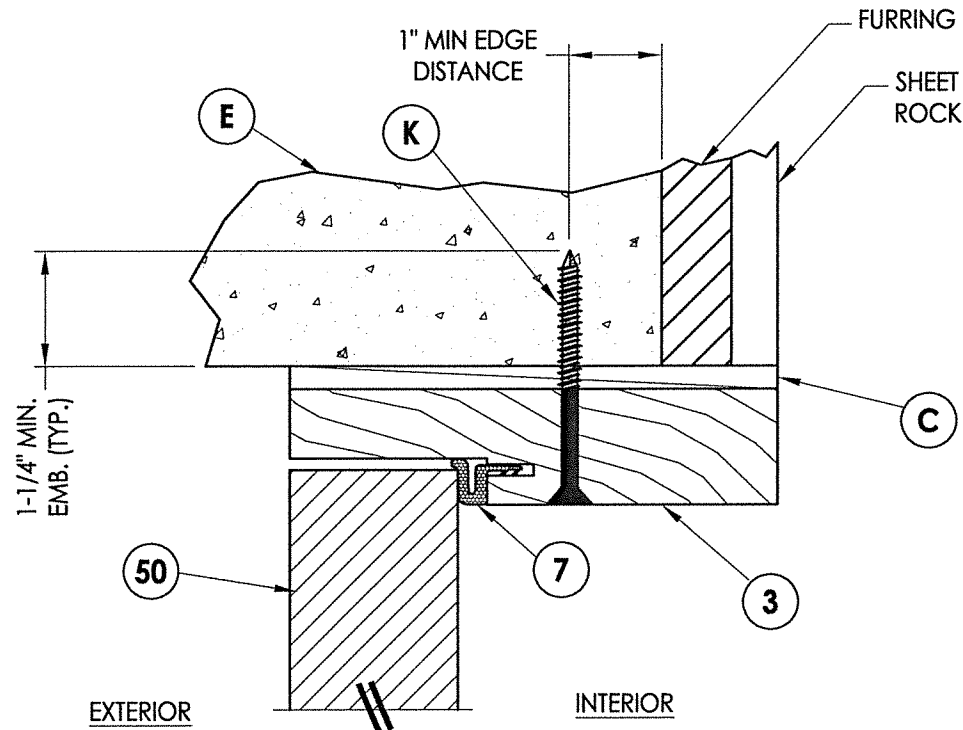
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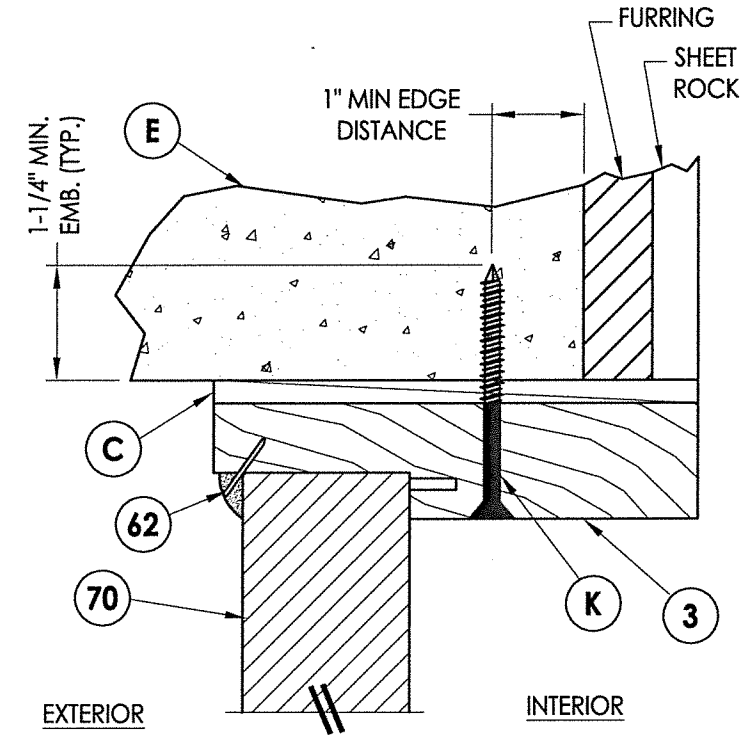
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 Phone No.: 813.659.9197
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DATE: 2/05/20		SCALE: N.T.S.	
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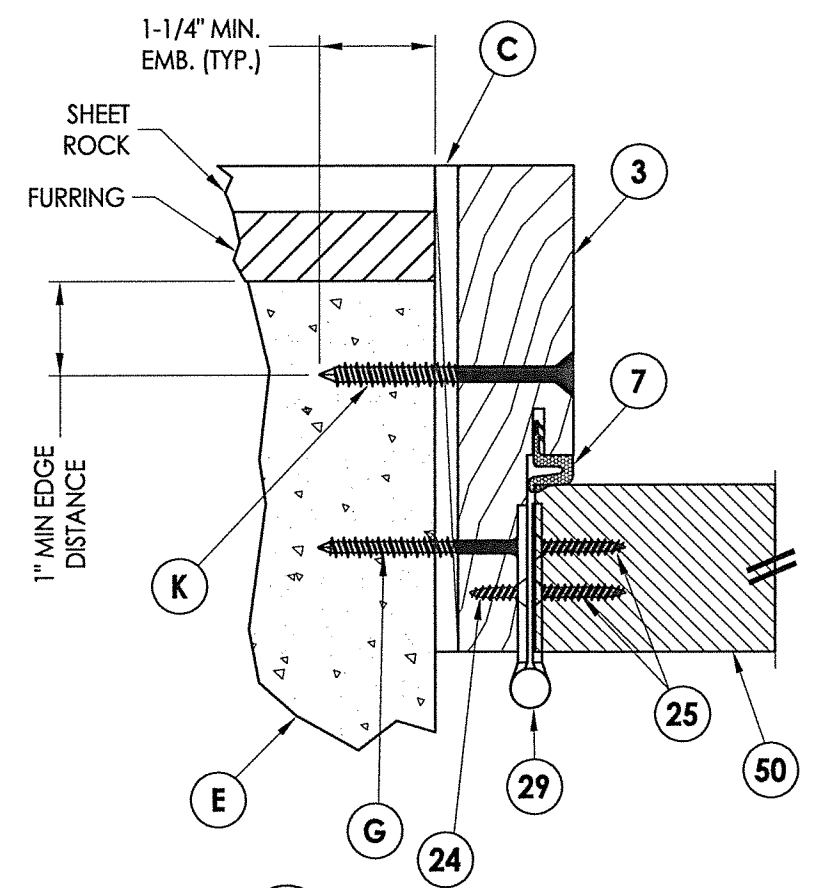


3 VERTICAL CROSS SECTION
7 Outswing only

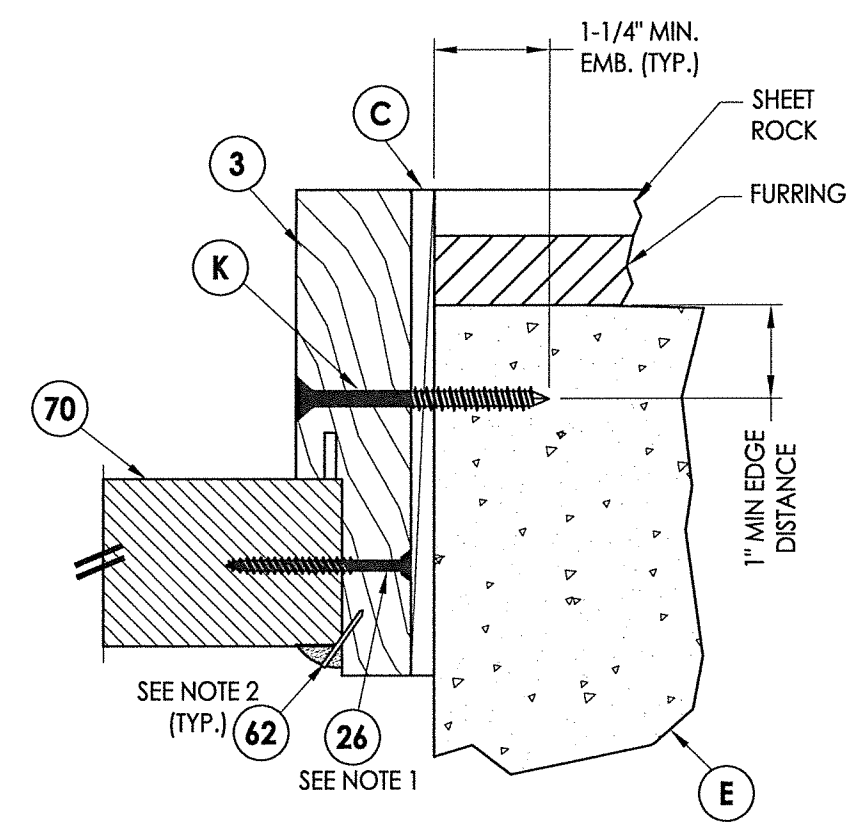
NOTE:
1. Item #26 located 6" from each end and 3 more equally spaced (5 total).
2. PVC Quarter round attached with 18 GA. brad nail 3" from each end then 8" on center thereafter.



4 VERTICAL CROSS SECTION
7 Outswing only



1 HORIZONTAL CROSS SECTION
7 Outswing only



2 HORIZONTAL CROSS SECTION
7 Outswing only

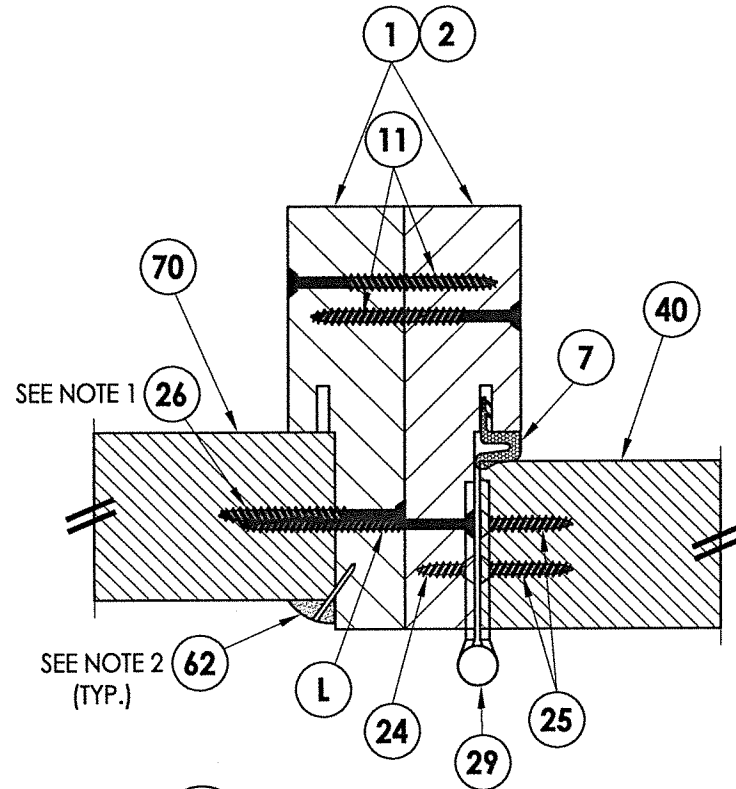
April 26, 2021
Documents Prepared By:
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PRODUCT: TRINITY GLASS INT'L

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

NO.	DATE	REVISIONS	BY
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DATE: 2/05/20
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-25575.9
SHEET 7 OF 13

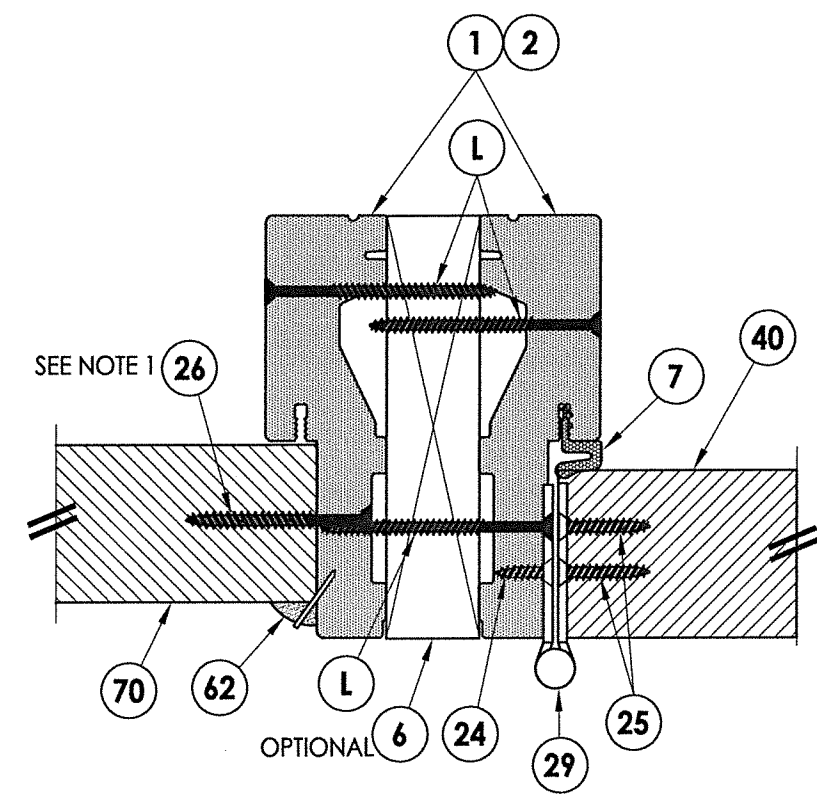


1 HORIZONTAL CROSS SECTION
8 Outswing shown - Inswing also approved

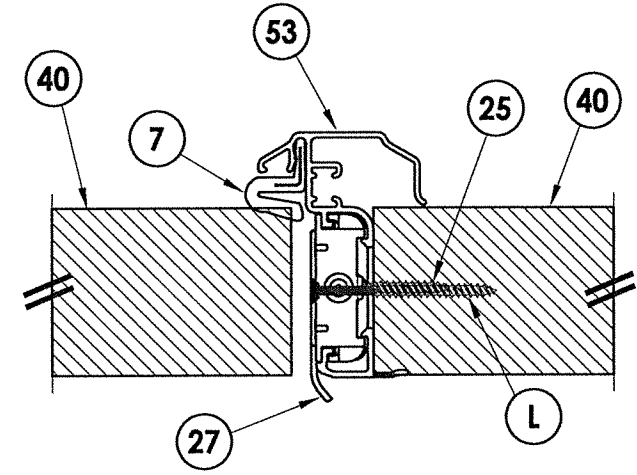
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 2. PVC Quarter round attached with 18 GA. brad nail 3" from each end then 8" on center thereafter.

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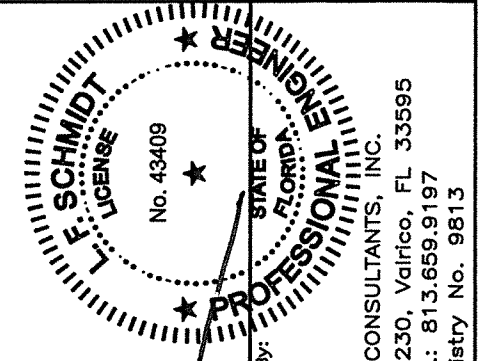
EXTERIOR



2 HORIZONTAL CROSS SECTION
8 Outswing shown - Inswing also approved

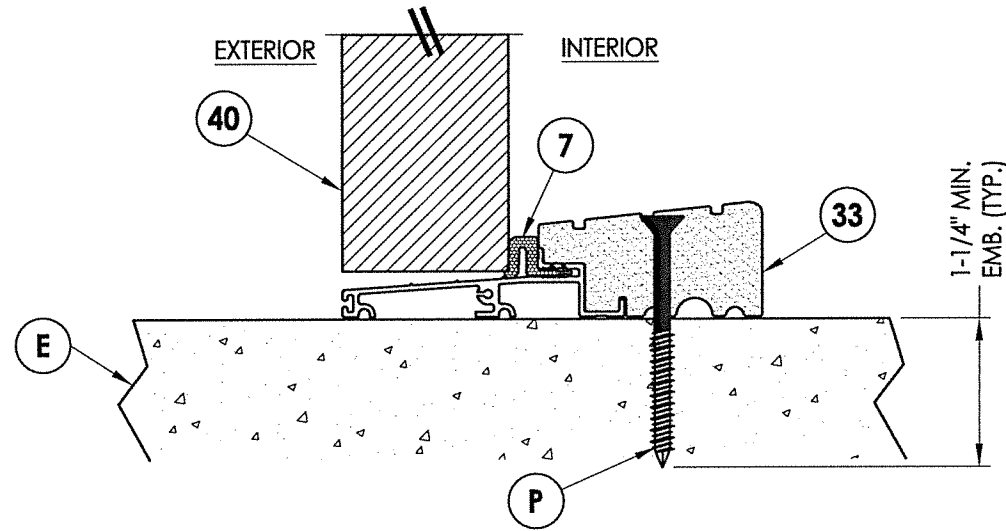


3 HORIZONTAL CROSS SECTION
8 Outswing shown - Inswing also approved

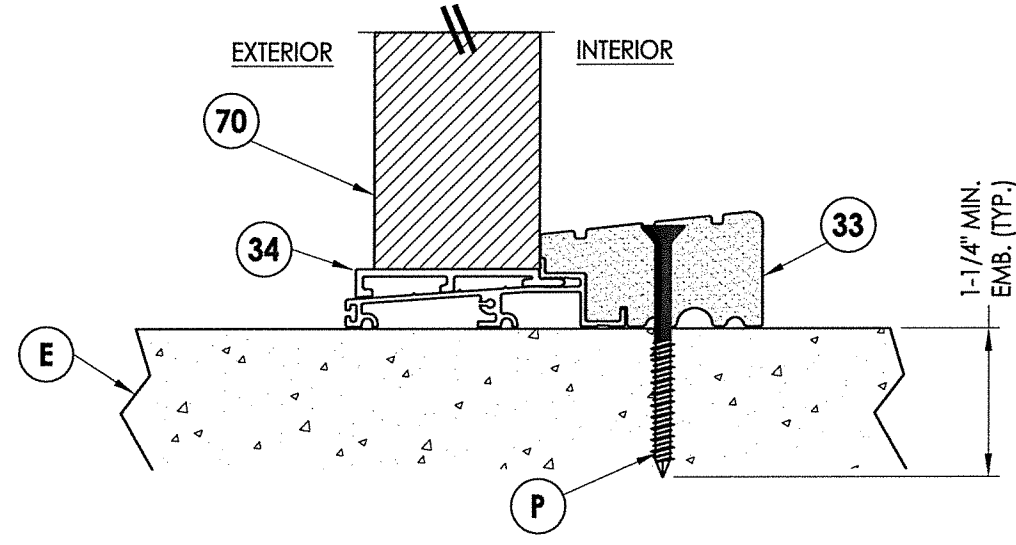


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 P.O. Box 230, Vairco, FL 33595
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 FBPE Registry No. 9813

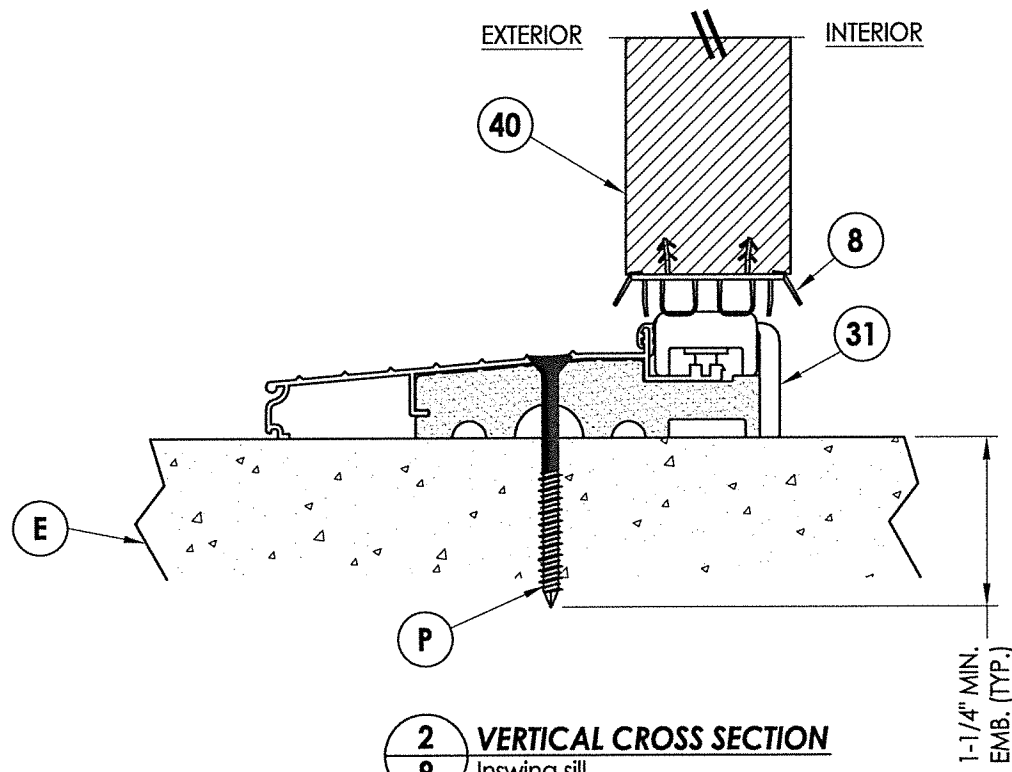
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DRAWING NO.: FL-25575.9		SHEET 8 OF 13	



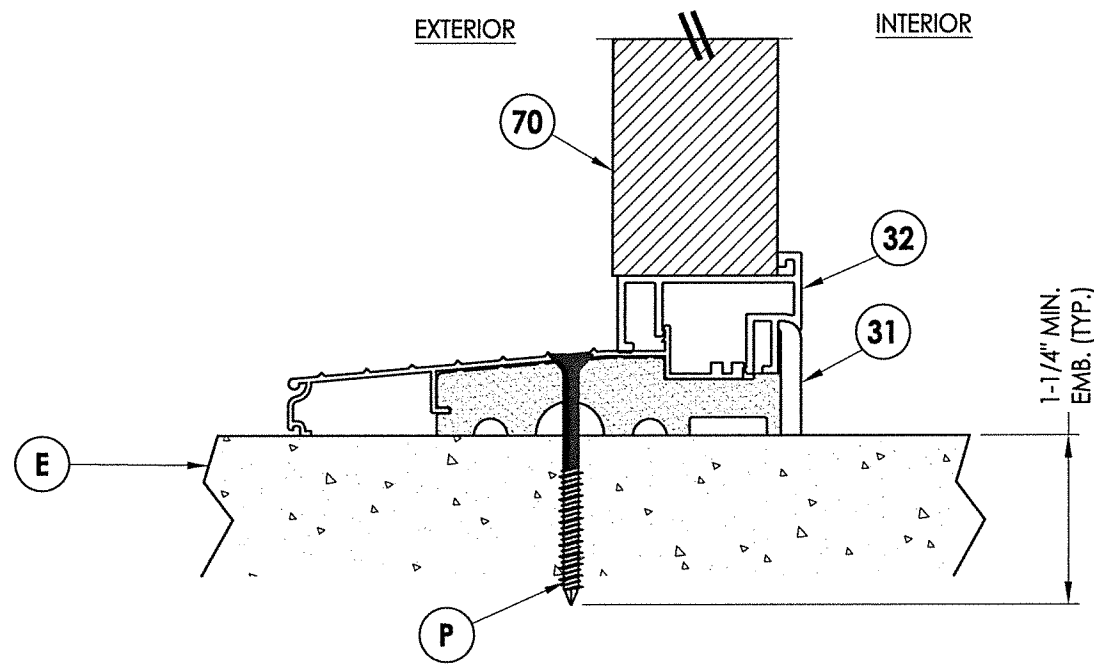
1 VERTICAL CROSS SECTION
9 Outswing sill - high dam



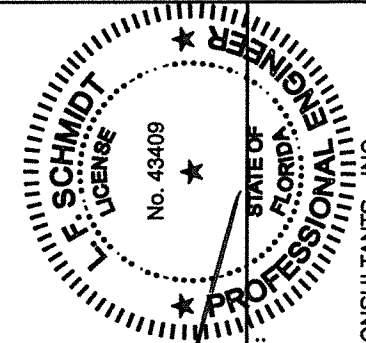
3 VERTICAL CROSS SECTION
9 Outswing sill - high dam



2 VERTICAL CROSS SECTION
9 Inswing sill



4 VERTICAL CROSS SECTION
9 Inswing sill



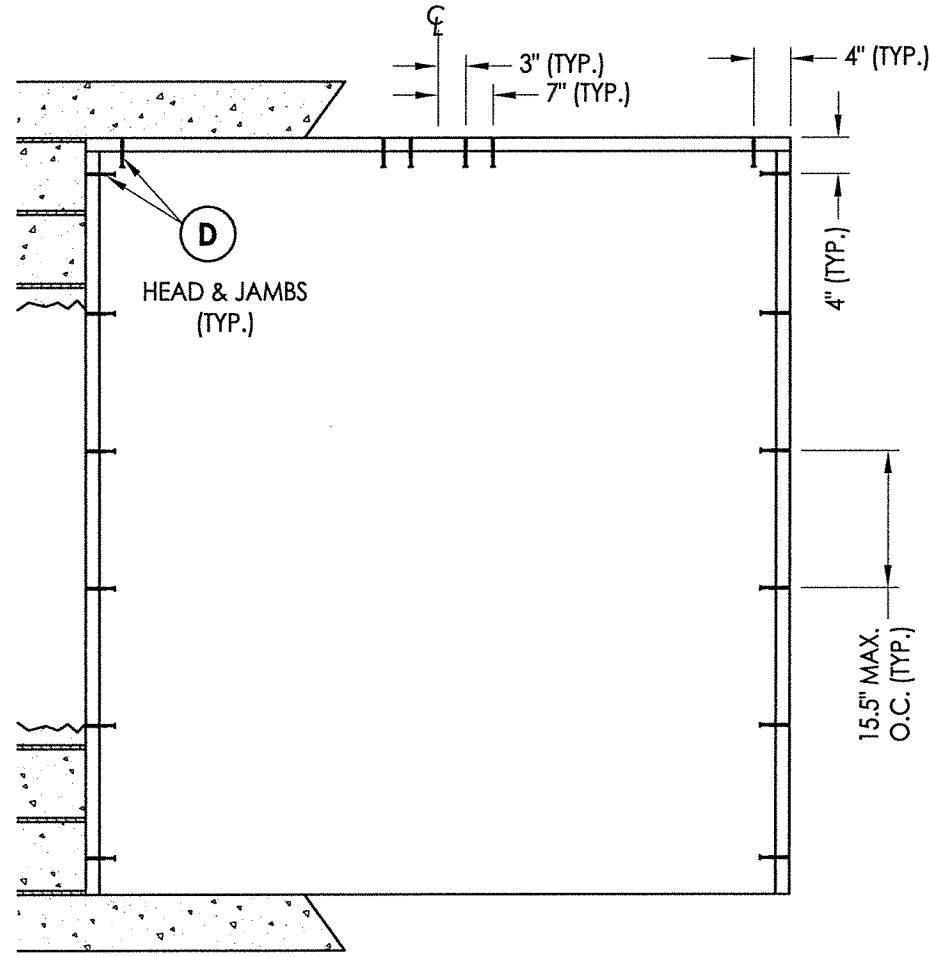
April 26, 2021
 Documents Prepared By:
 Lyndon F. Schmidt
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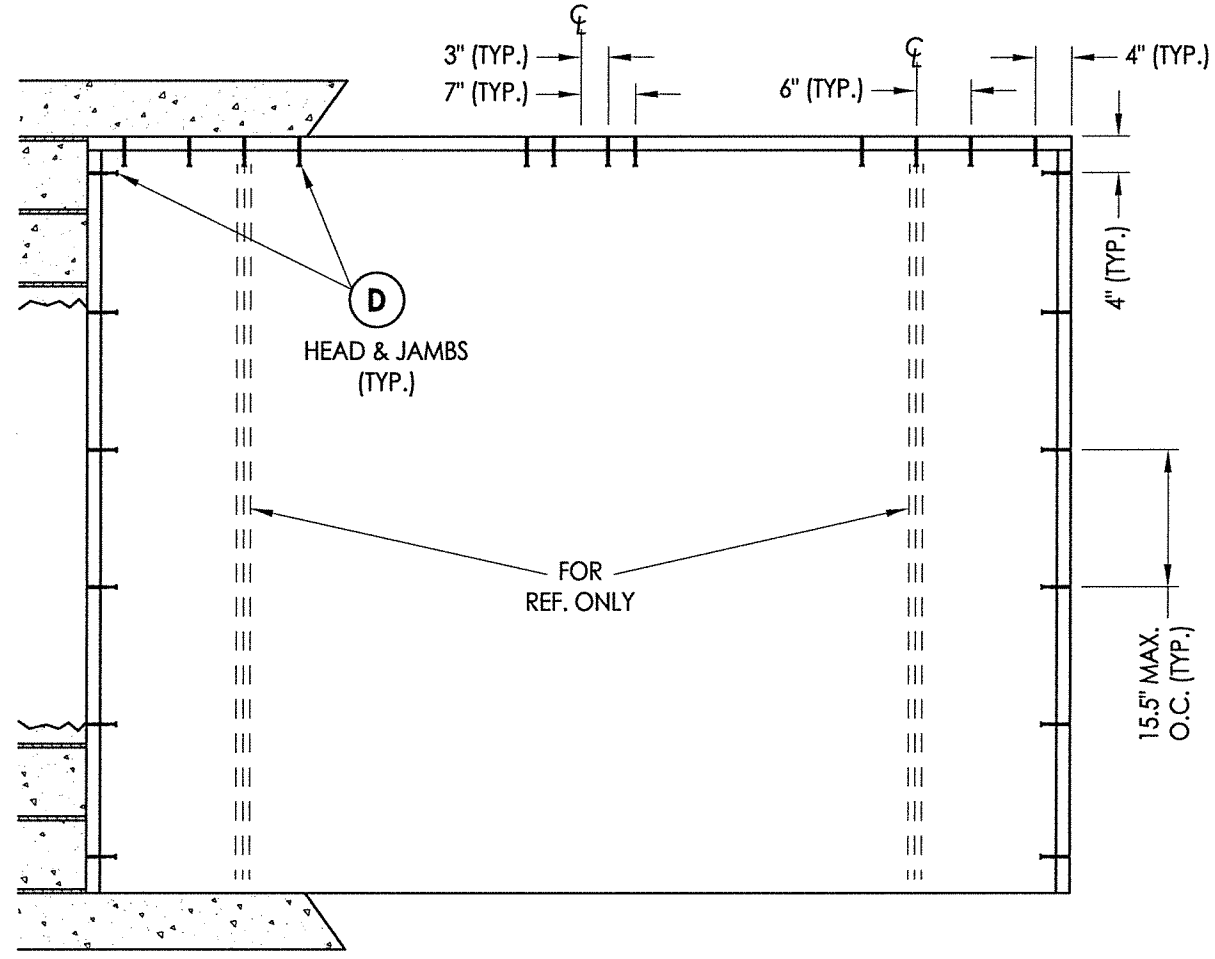
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		BY

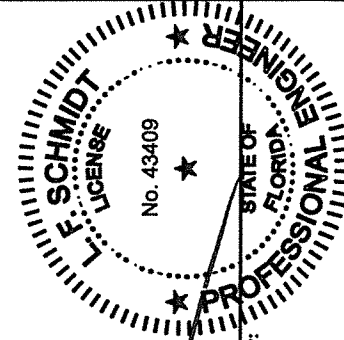
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 SHEET 9 OF 13




BUCK ANCHORING



BUCK ANCHORING

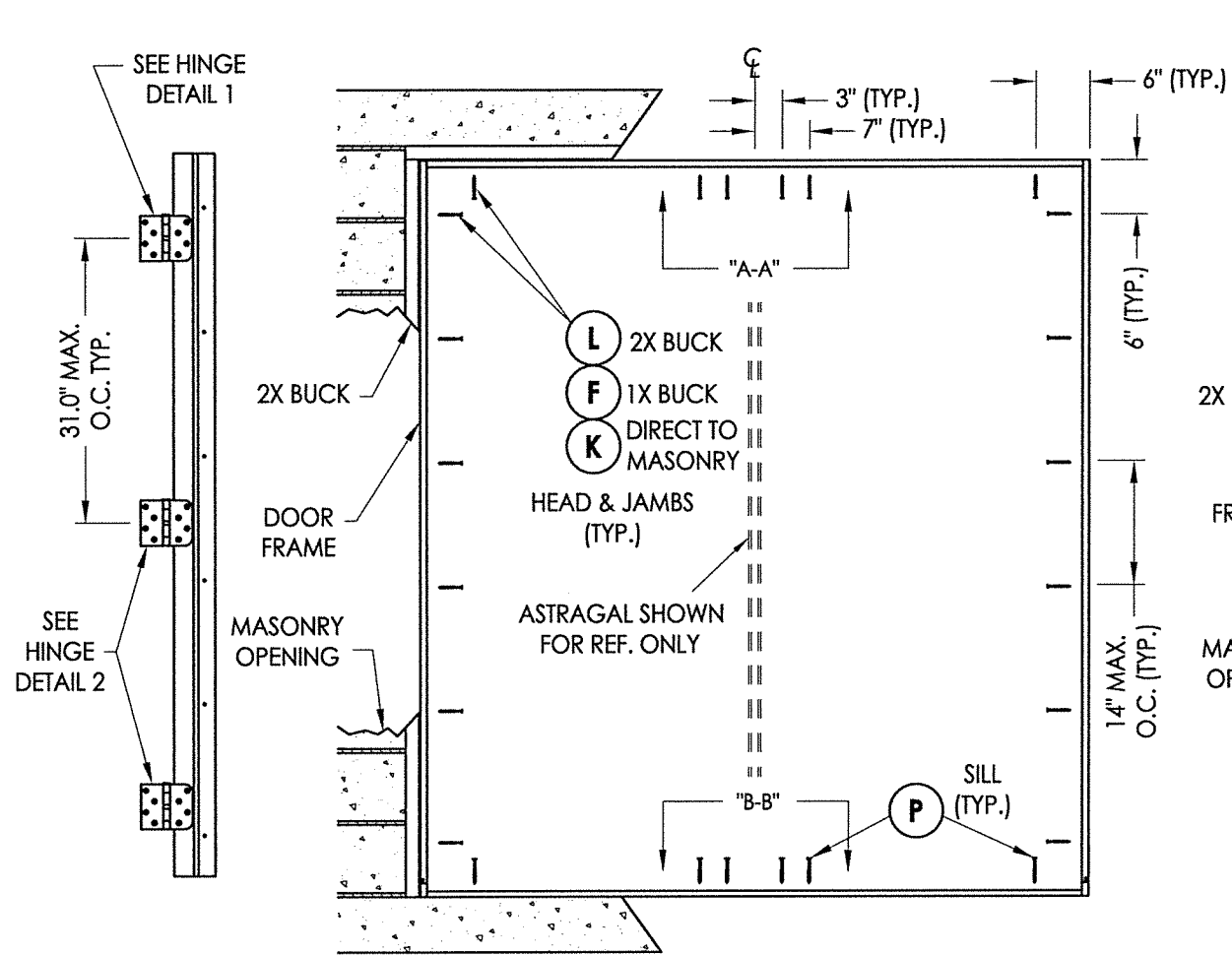



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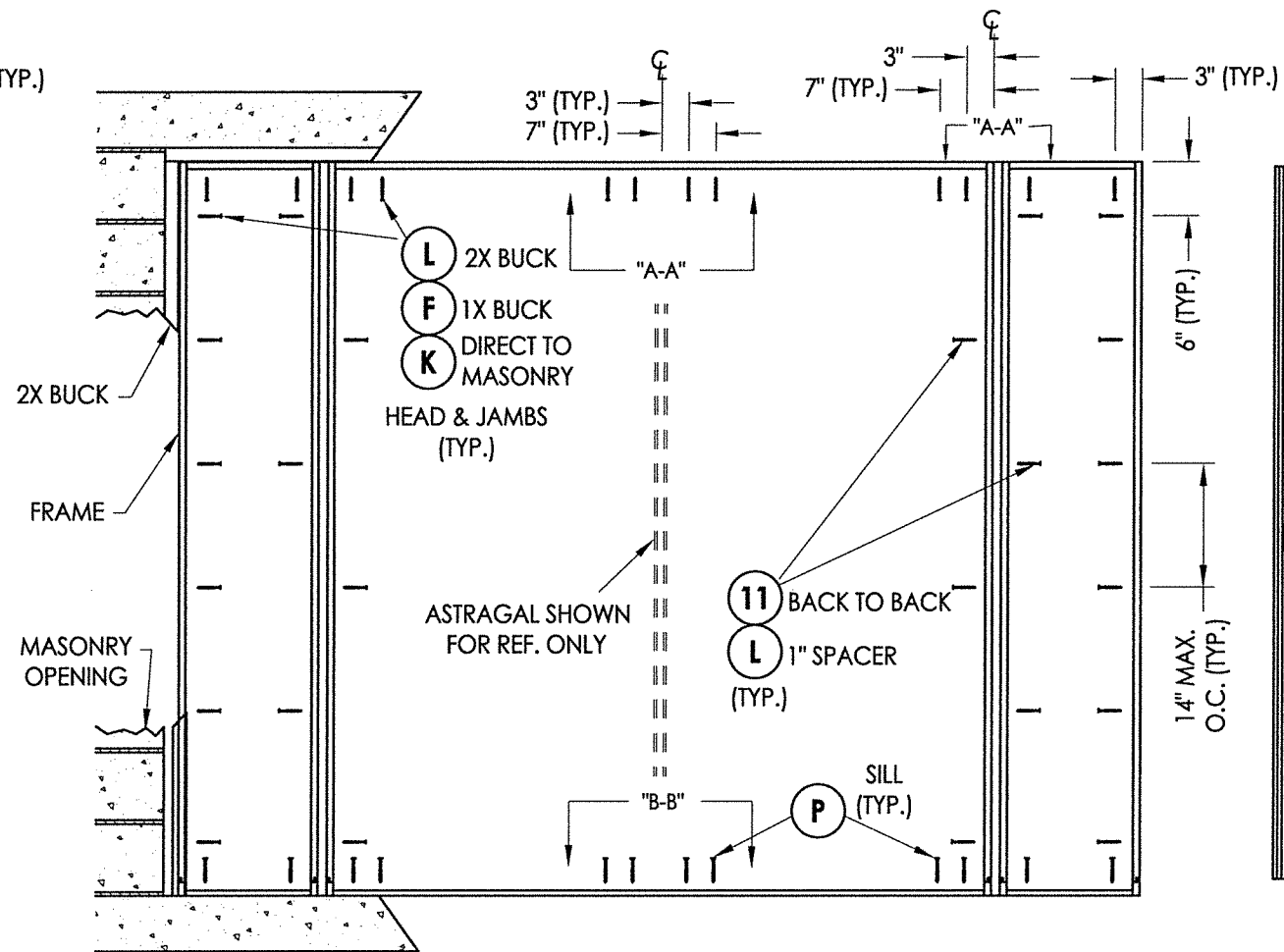
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		ASTRAGAL	& REVISE ENDURA ULT.

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 SHEET 10 OF 13



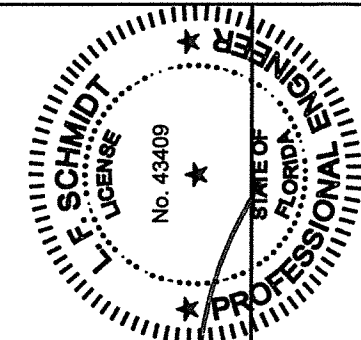
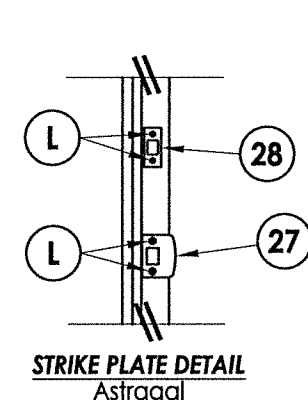
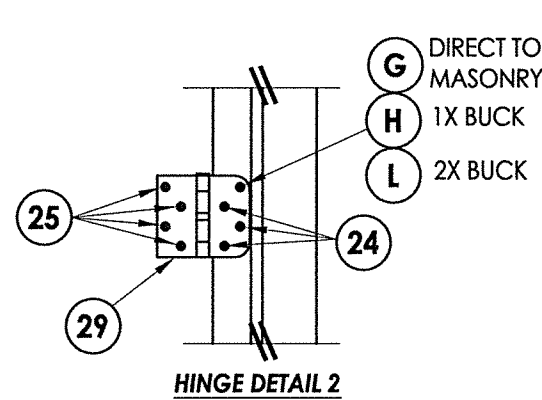
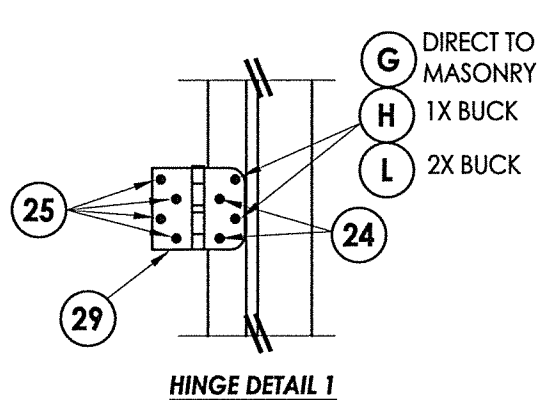
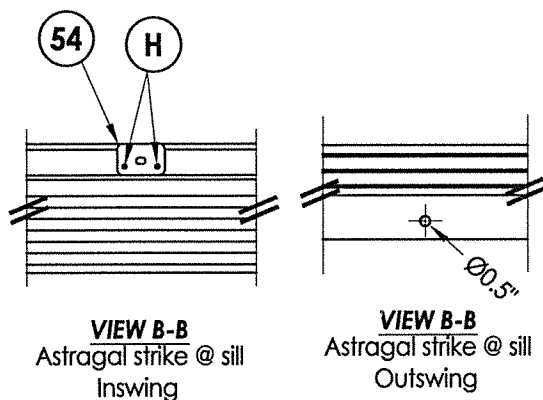
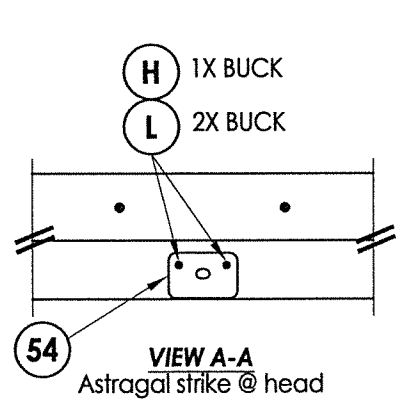
HINGE JAMB

FRAME ANCHORING



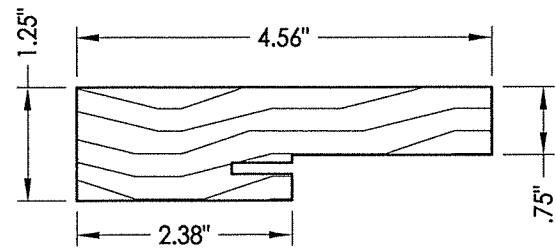
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ASTRAGAL STRIKE JAMB

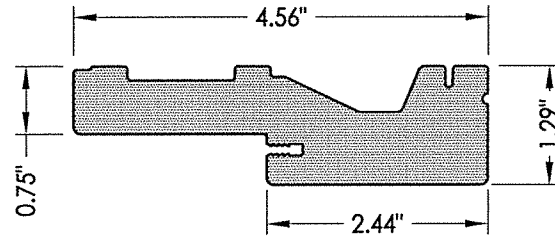


April 26, 2021
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W.
 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Vairico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

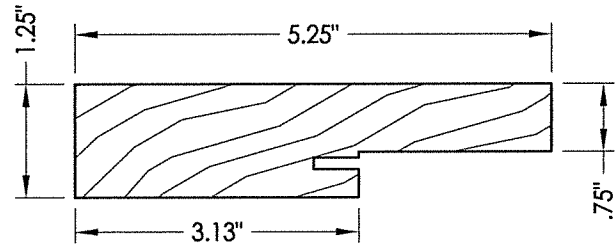
PRODUCT:		TRINITY GLASS INT'L	
PART OR ASSEMBLY:		FRAME ANCHORING	
DATE	BY	DATE	BY
8/11/20	DAC		
UPDATE TO 7th ED. (2020) FBC & REVISE ENDURA ULT. ASTRAGAL			
REVISIONS			
DATE:	2/05/20		
SCALE:	N.T.S.		
DWG. BY:	RW		
CHK. BY:	LFS		
DRAWING NO.:	FL-25575.9		
SHEET	11 OF 13		



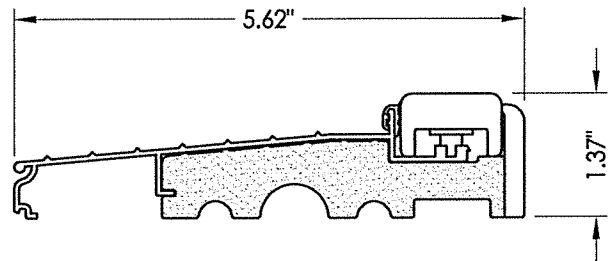
1 HEAD AND JAMBS
Wood



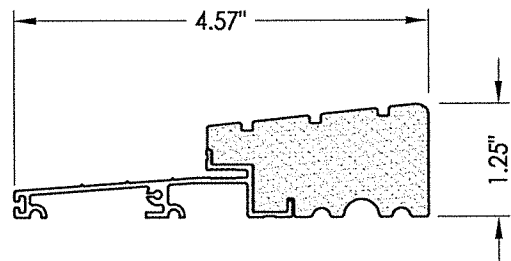
2 HEAD AND JAMBS
PVC



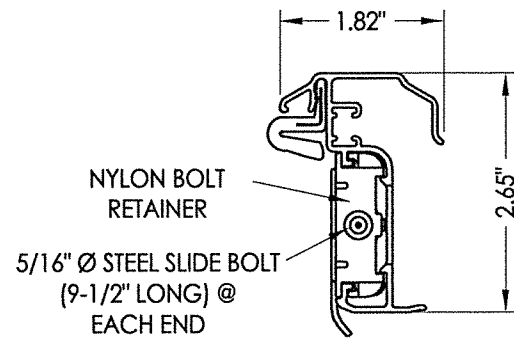
3 HEAD AND JAMBS
Wood



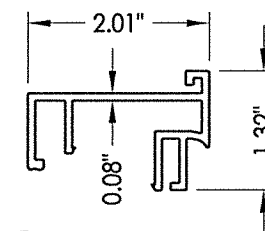
31 INSWING THRESHOLD



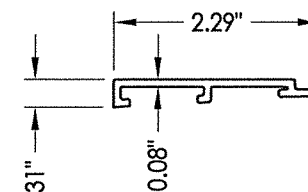
32 OUTSWING THRESHOLD
High-dam



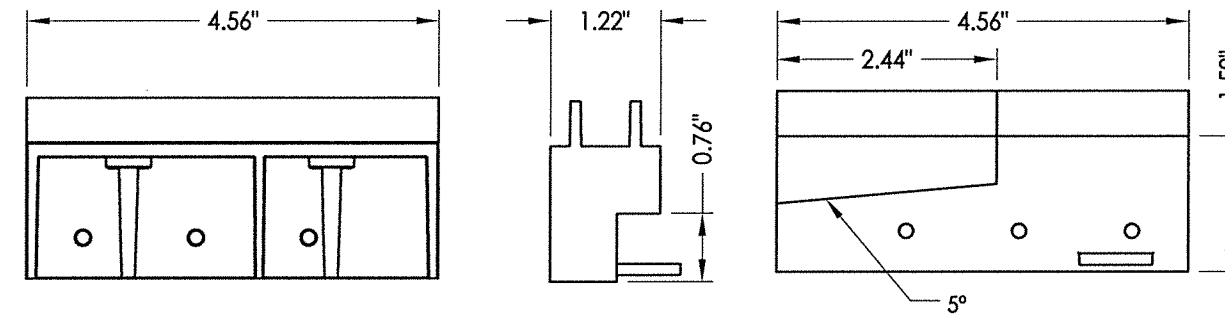
53 ULTIMATE HURRICANE ASTRAGAL
By Endura Products



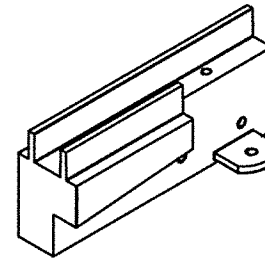
32 SIDELITE SPACER
Inswing



34 SIDELITE SPACER
Outswing



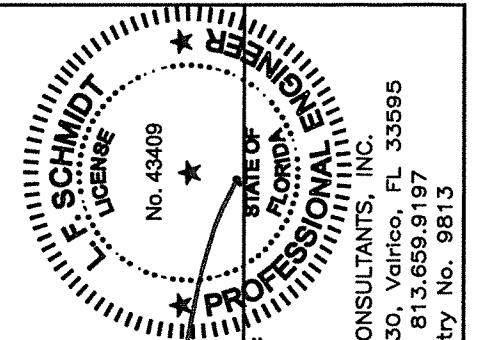
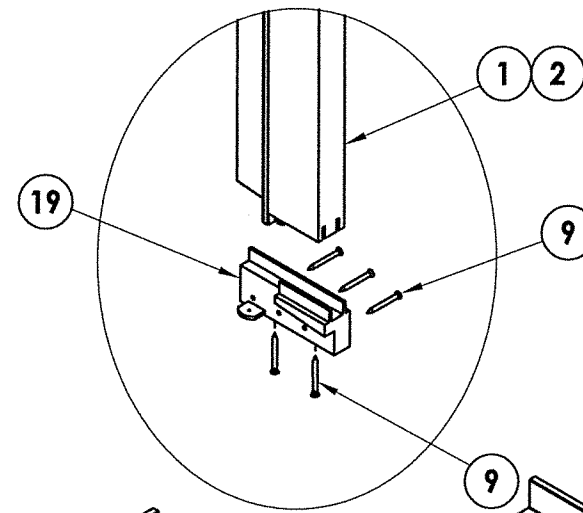
19 SILLKEY DETAILS
Optional



SILLKEY, LEFT
SCALE: NONE



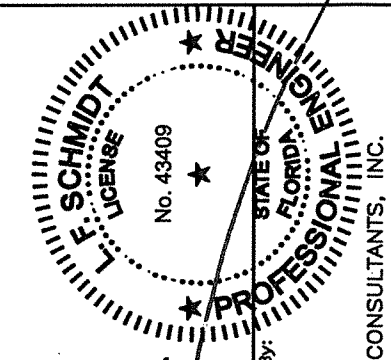
SILLKEY, RIGHT
SCALE: NONE





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PRODUCT: TRINITY GLASS INT'L		PART OR ASSEMBLY: COMPONENTS	
DATE: 2/05/20	SCALE: N.T.S.	DWG. BY: RW	
1 8/11/20	UPDATE TO 7th ED. (2020) FBG & REVISE ENDURA ULT. ASTRAGAL	NO. DATE	BY
			REVISIONS
DRAWING NO.: FL-25575.9		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 3-1/4" 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
6	1" SPACER (FINGER-JOINT PINE - SG >= 0.42)	WOOD
7	WEATHERSTRIP QEBD650 Q-LON	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
19	SILLKEY	PC/ASA
24	#9 X 5/8" PFH WS	STEEL
25	#9 X 1" PFH WS	STEEL
26	#9 X 2" PFH WS	STEEL
27	STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	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
50	DOOR PANEL - (Modern)	-
53	ASTRAGAL	ALUM
54	ASTRAGAL STRIKE PLATE	STEEL
62	QUARTER ROUND	PVC
70	SIDELITE	-




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PART OR ASSEMBLY:	BILL OF MATERIALS
DATE:	2/05/20
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-25575.9
SHEET	13 of 13

CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16" 1/4"	1-1/4" 1-1/4"	AS SHOWN 2"	1-1/2" 4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

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