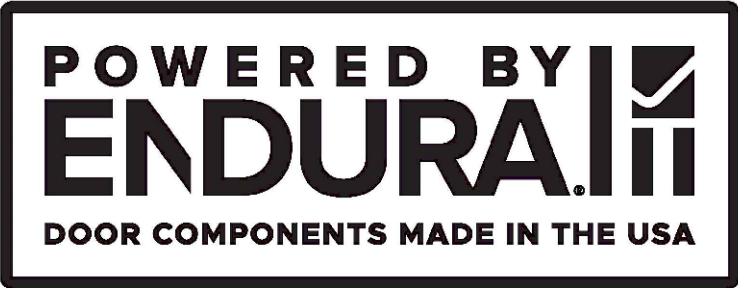


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Ultimate Flip Lever Astragal
INSWING / OUTSWING
"NON-IMPACT"

GENERAL NOTES

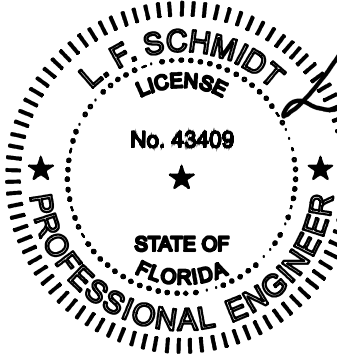
- 1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- 2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall 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. This product has been tested and is approved for use in the door panels as specified in this approval. Substitution into a similar product that possess a comparable current Florida Statewide product approval may be approved for use by the local Authority Having Jurisdiction.
- 6. 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 and general notes
2	Astragal details
3	Door panel details
4	Horizontal and vertical cross sections
5	Threshold details
6	Buck and frame anchoring



Ultimate Flip Lever Astragal

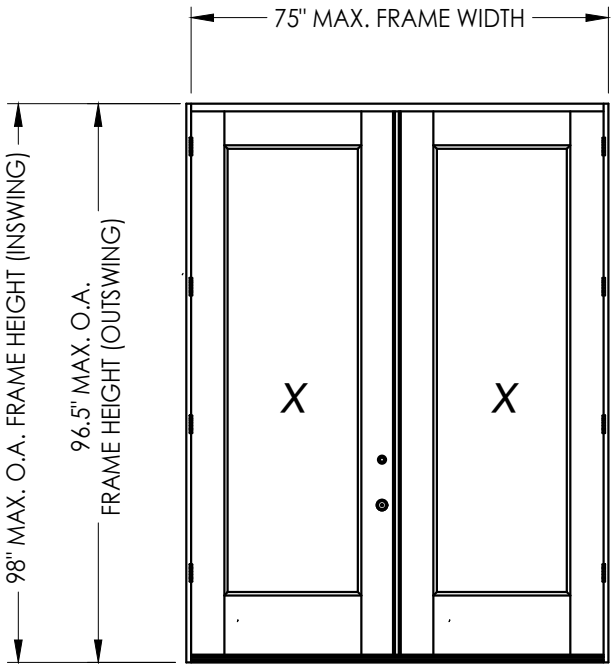
ULTIMATE FLIP LEVER ASTRAGAL by ENDURA				
MAXIMUM FRAME SIZE			DESIGN PRESSURE RATING (PSF)	
			POSITIVE	NEGATIVE
JELD-WEN Insert Glazed (Fiberglass)	INSWING	75" X 98"	+40.0	-45.0
	OUTSWING	75" X 96.5"	+40.0	-40.0



L.F. Schmidt
Digitally signed by Lyndon F Schmidt
Date: 2024.04.17 16:12:17 -04'00'

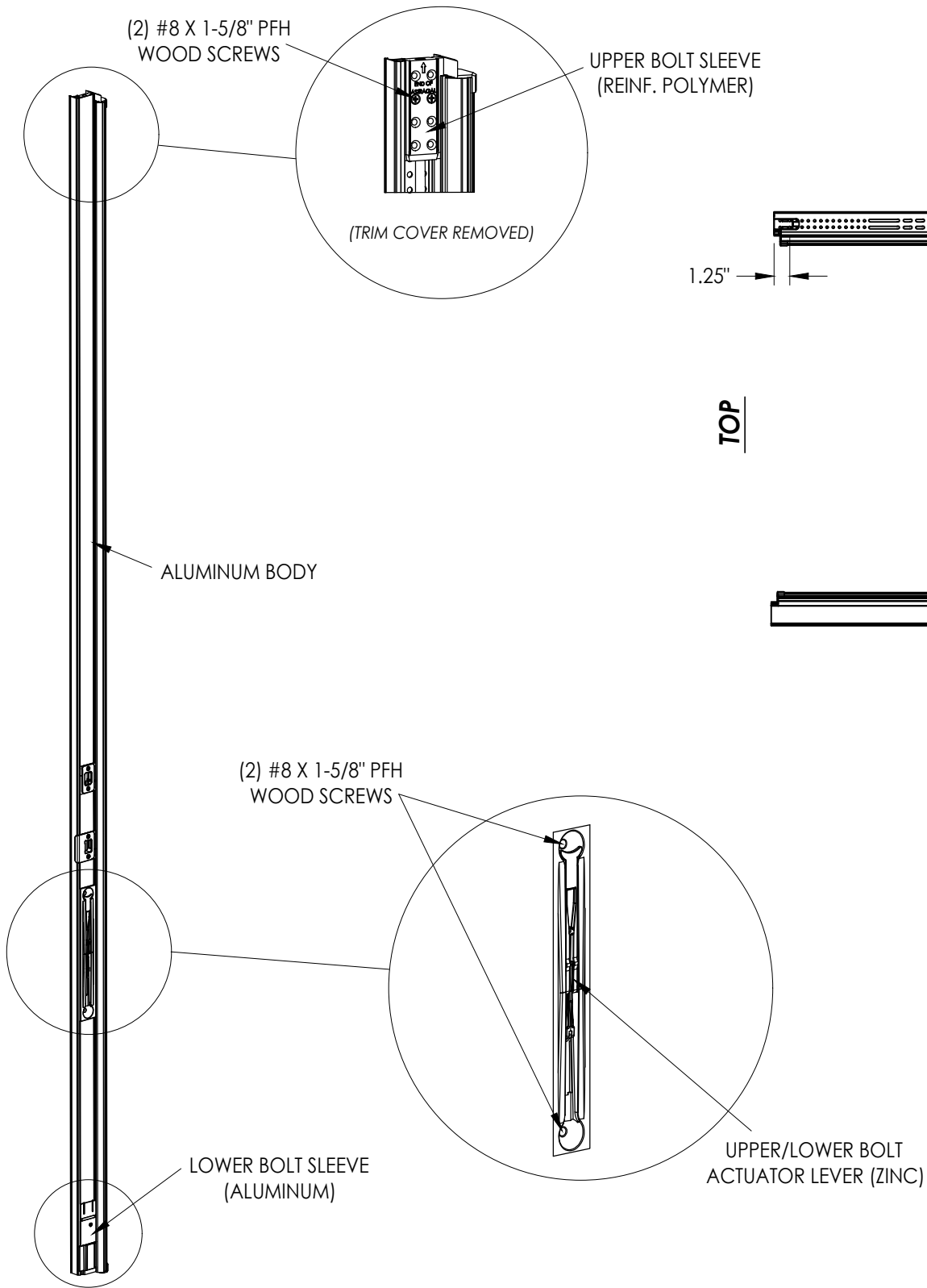
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

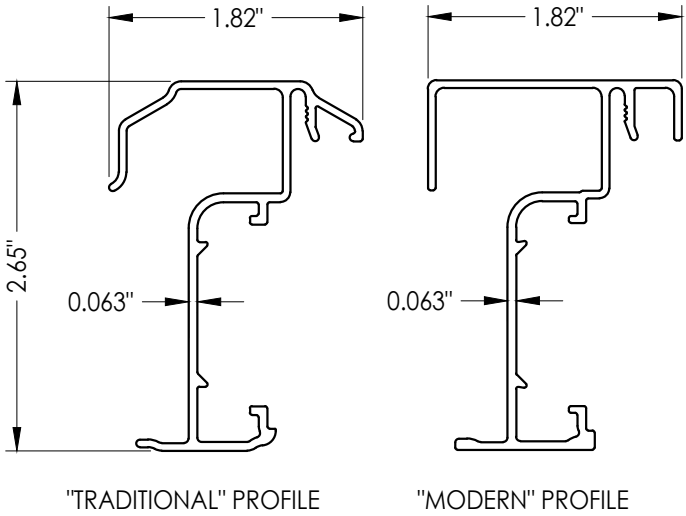
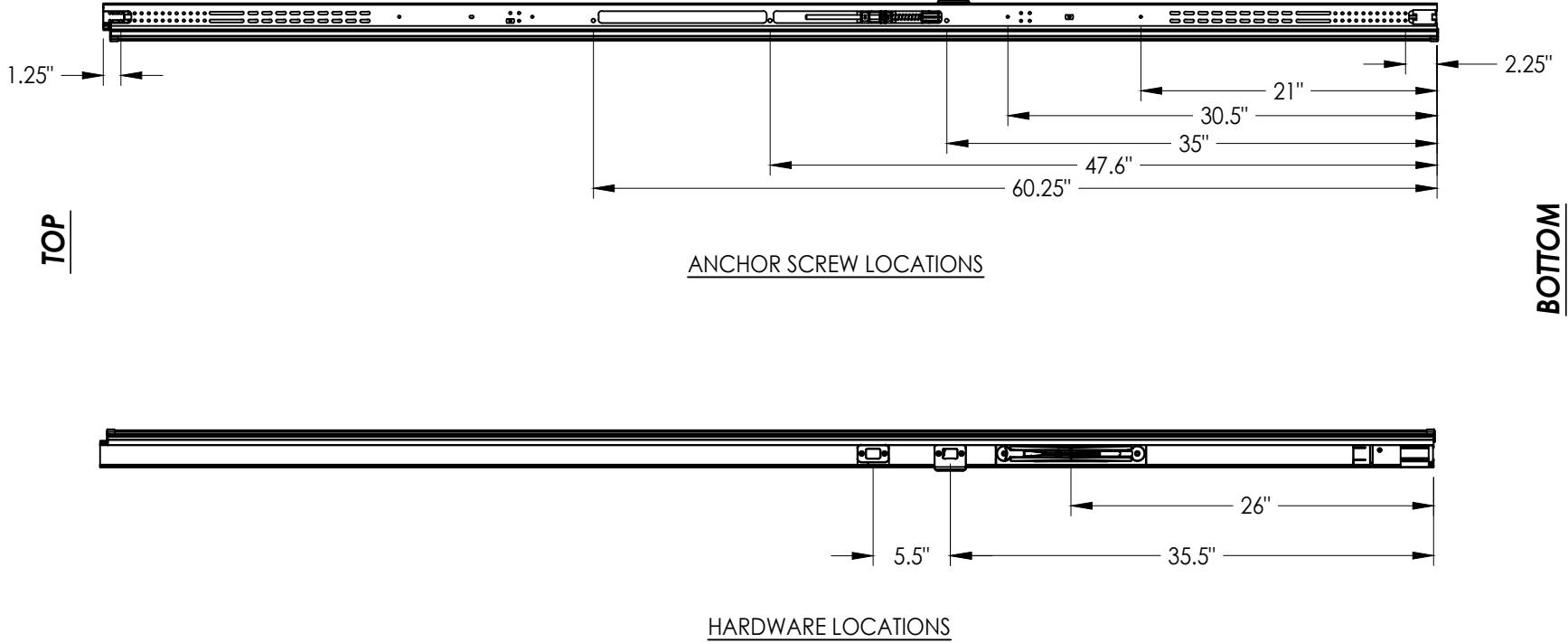


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409			BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		
PRODUCT: ENDURA			PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES		
7	4/16/24	ADD MODERN ASTRAGAL PROFILE	LFS		
6	7/07/23	UPDATE TO 8TH ED. (2023) FBC	LFS		
5	8/11/20	UPDATE TO 7TH ED. (2020) FBC	LFS		
4	9/27/17	UPDATE TO 6TH ED. (2017) FBC	LFS		
NO.	DATE		BY		
REVISIONS					
DATE: 8/30/11					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14823.16					
SHEET 1 OF 6					

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ULTIMATE FLIP LEVER ASTRAGAL



ASTRAGAL SECTIONS

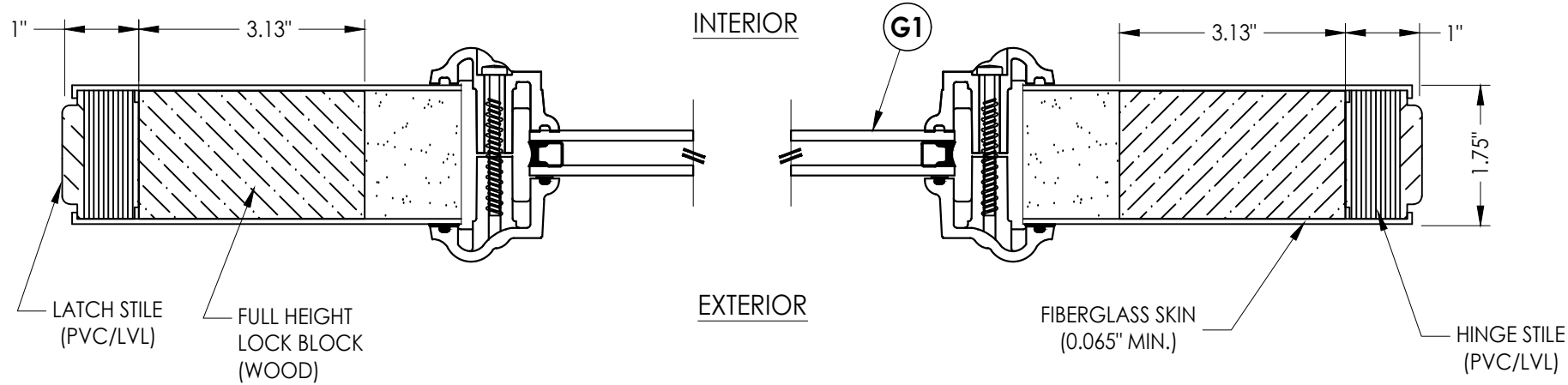
NO.		DATE	REVISIONS	
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5	8/11/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
4	9/27/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
DATE:		8/30/11		
SCALE:		N.T.S.		
DWG. BY:		JK		
CHK. BY:		LFS		
DRAWING NO.:		FL-14823.16		
SHEET		2	OF	6

PRODUCT:		ENDURA
PART OR ASSEMBLY:		ASTRAGAL DETAILS

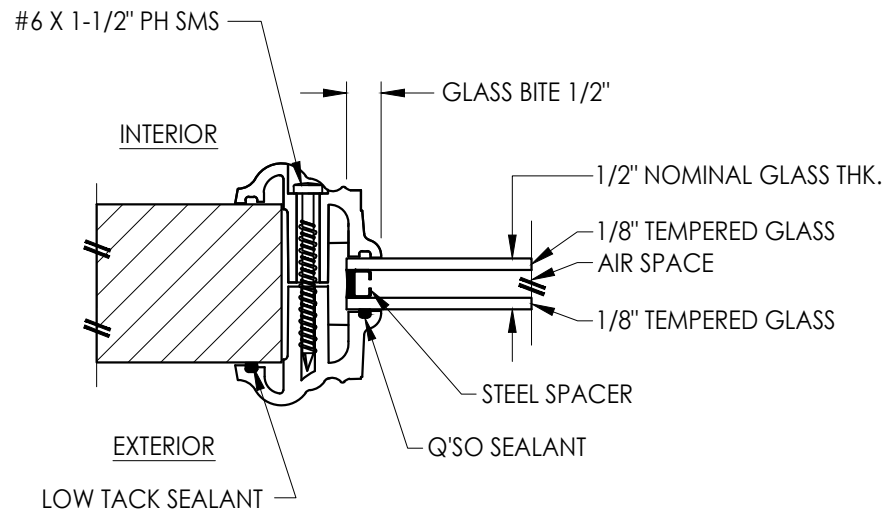
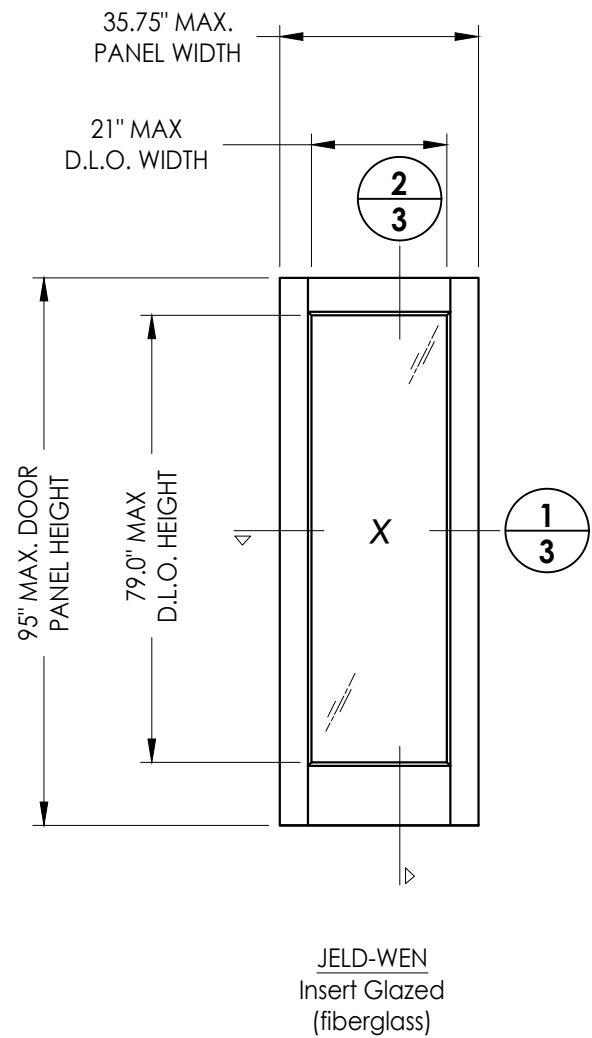
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

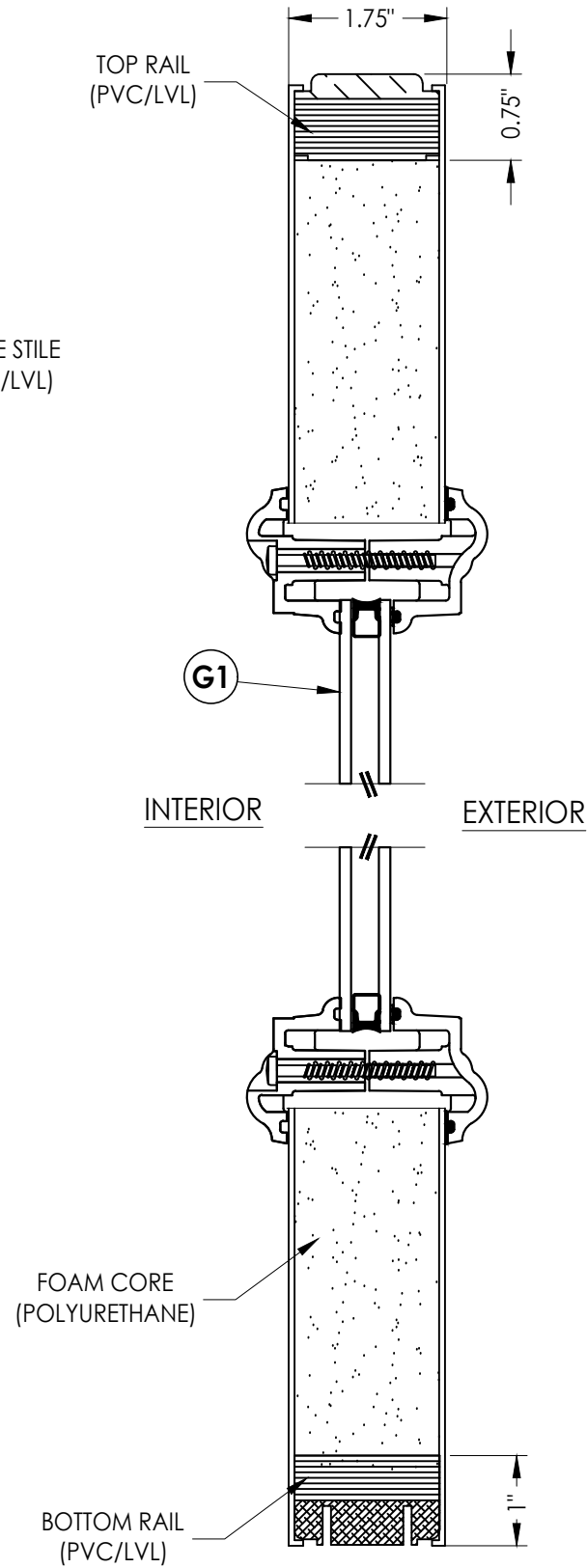
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1
3 HORIZONTAL CROSS SECTION



G1 GLAZING DETAIL
Lip Life Insert Glazing



2
3 VERTICAL CROSS SECTION

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: ENDURA

PART OR ASSEMBLY:
DOOR PANEL DETAILS
& GLAZING DETAIL

NO.	DATE	REVISIONS
7	4/16/24	ADD MODERN ASTRAGAL PROFILE
6	7/07/23	UPDATE TO 8TH ED. (2023) FBC
5	8/11/20	UPDATE TO 7TH ED. (2020) FBC
4	9/27/17	UPDATE TO 6TH ED. (2017) FBC
		BY

DATE: 8/30/11

SCALE: N.T.S.

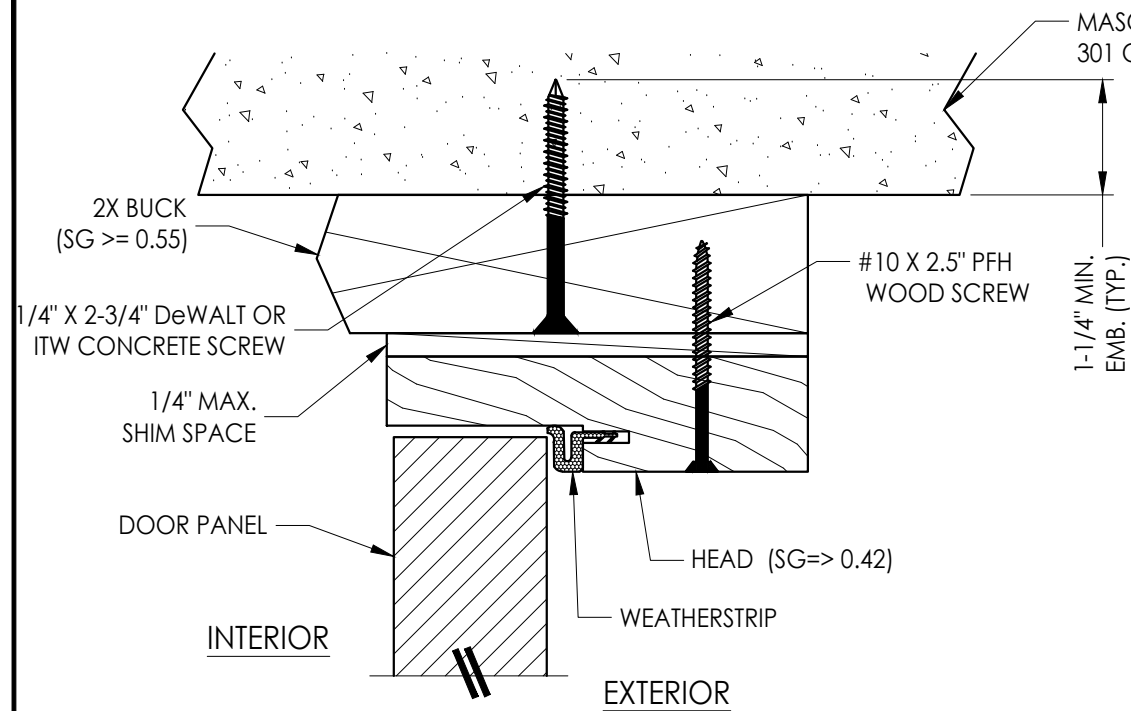
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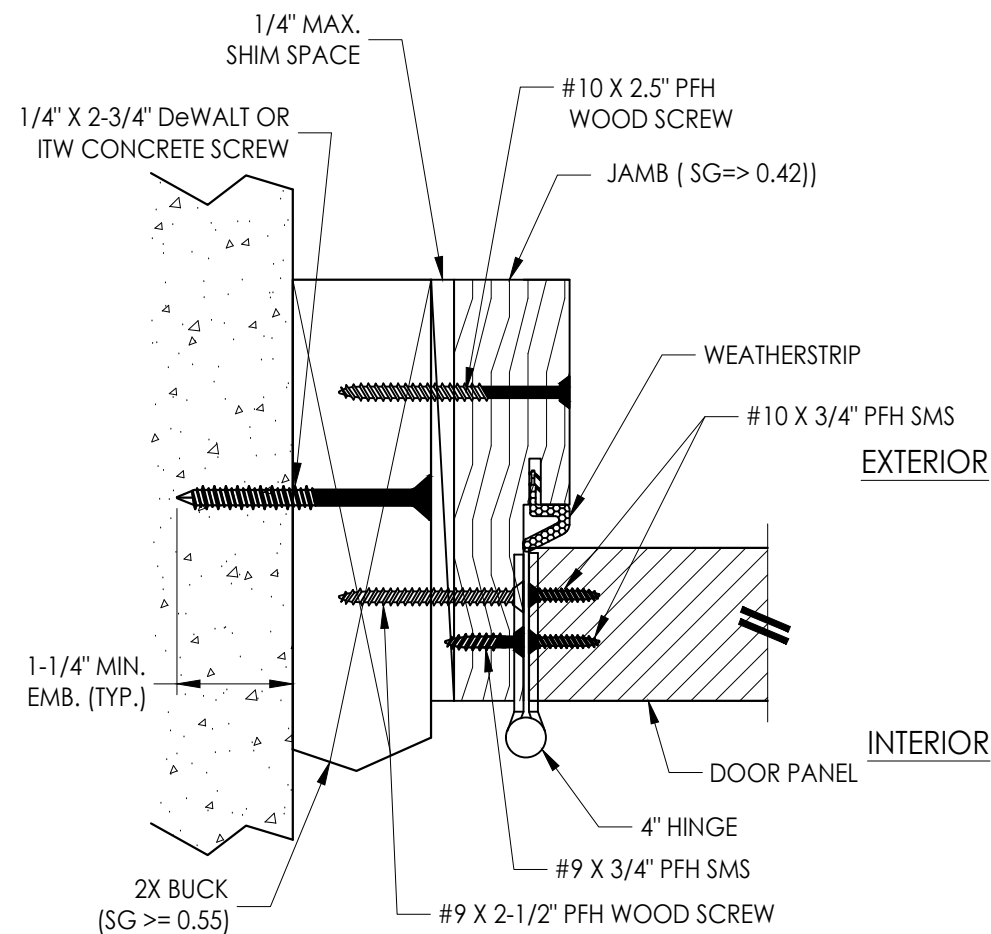
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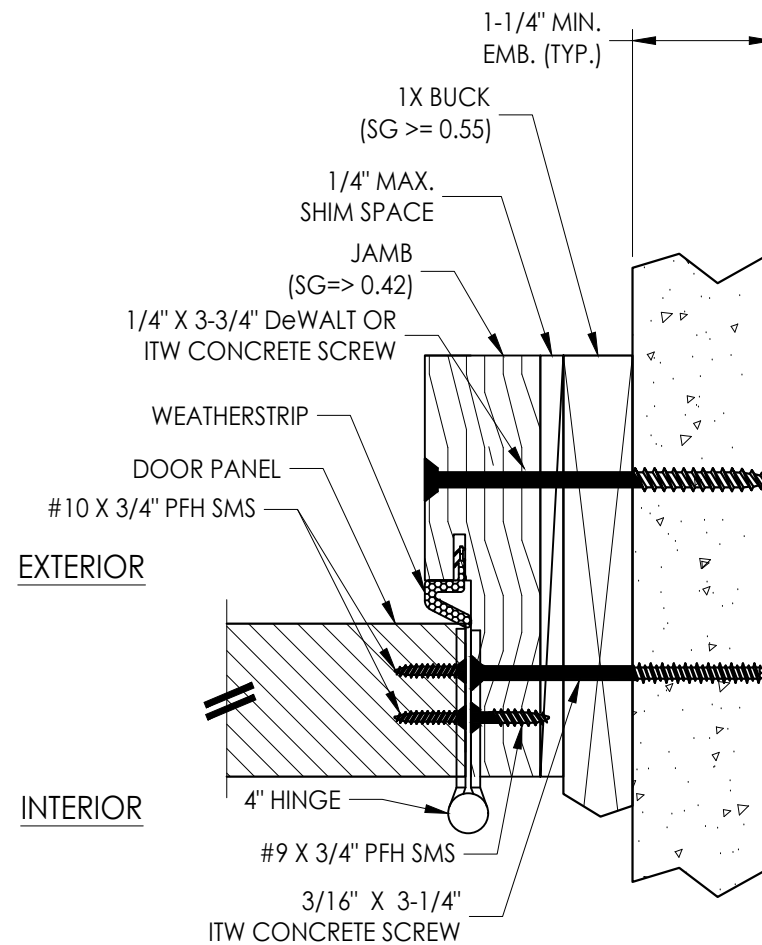
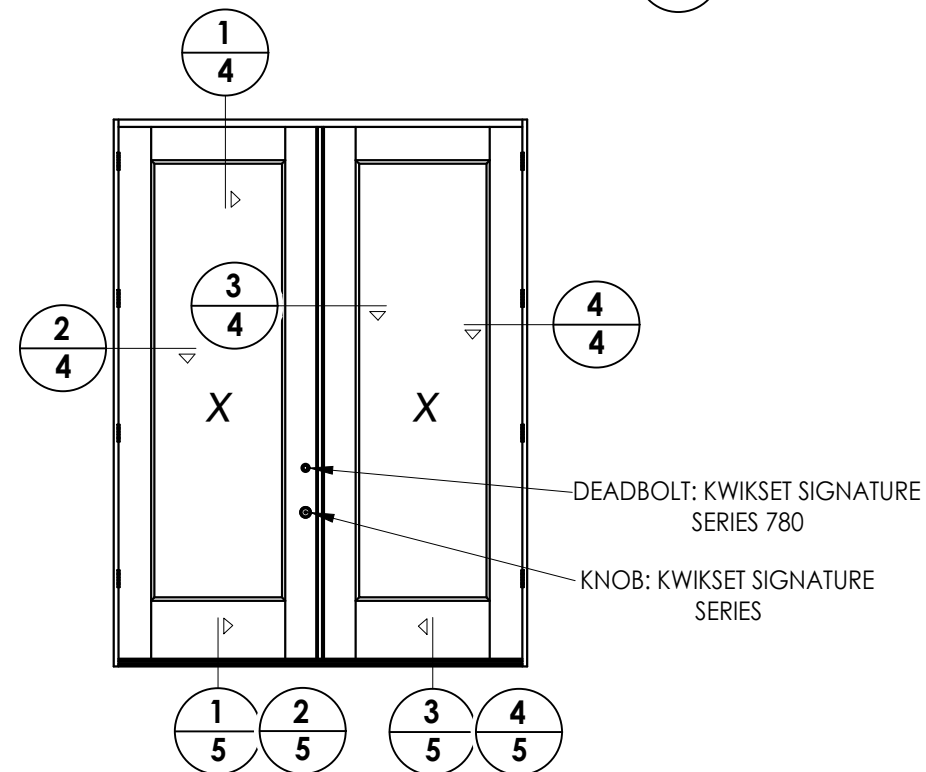
SHEET 3 OF 6



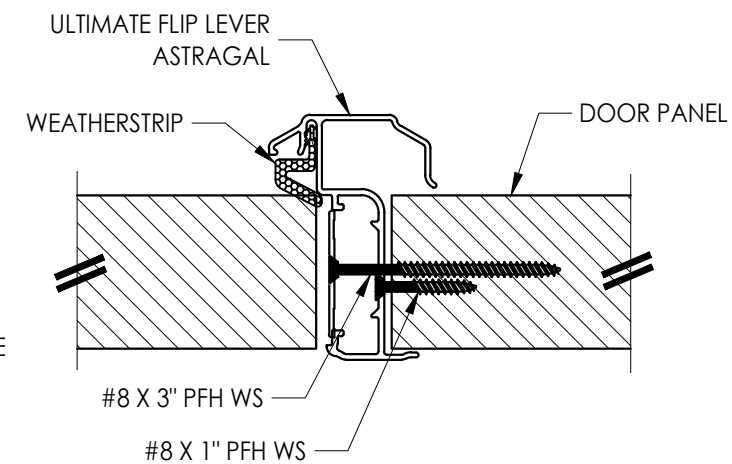
1 **VERTICAL CROSS SECTION**
4



2 **HORIZONTAL CROSS SECTION**
4



4 HORIZONTAL CROSS SECTION
4 Shown w/1X sub-buck



3 4 HORIZONTAL CROSS SECTION

7	4/16/24	ADD MODERN ASTRAGAL PROFILE	LFS		
6	7/07/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
5	8/11/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
4	9/27/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
NO.	DATE				BY
				REVISIONS	

DATE:	8/30/11
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14823.16
SHEET	4 OF 6

Documents Prepared By:
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P.E. No. 43409

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