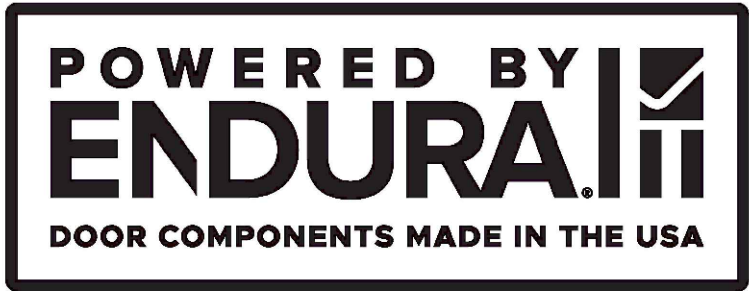


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Ultimate Trilennium Astragal
INSWING / OUTSWING
"NON-IMPACT"

GENERAL NOTES

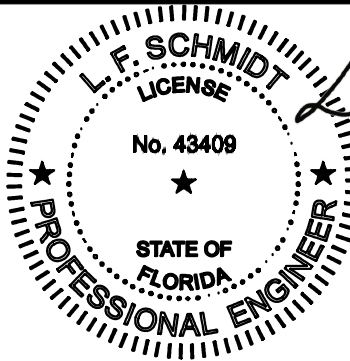
1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 (Ultimate Trilennium)
3	Door panel details and glazing detail
4	Horizontal & vertical cross sections
5	Vertical cross sections
6	Buck and frame anchoring



Ultimate Trilennium Astragal

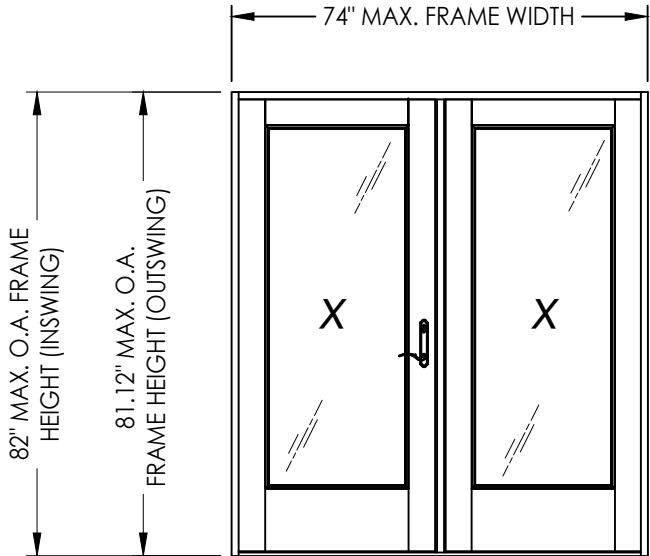
ULTIMATE TRILENNIUM ASTRAGAL by ENDURA				
MAXIMUM FRAME SIZE			DESIGN PRESSURE RATING (PSF)	
			POSITIVE	NEGATIVE
PLASTPRO Insert Glazed (FIBERGLASS)	INSWING	74" X 82"	+40.0	-40.0
	OUTSWING	74" X 81.12"	+40.0	-40.0



L.F. Schmidt
Digitally signed by Lyndon F Schmidt
Date: 2026.07.19 11:42:29 -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

ENDURA

Part or Assembly:
TYPICAL ELEVATIONS, DESIGN
PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS
7	7/03/26	UPDATE TO 9TH ED. (2026) FBC
6	4/16/24	ADD MODERN ASTRAGAL PROFILE
5	7/07/23	UPDATE TO 8TH ED. (2023) FBC
4	8/11/20	UPDATE TO 7TH ED. (2020) FBC

DATE: 1/20/14

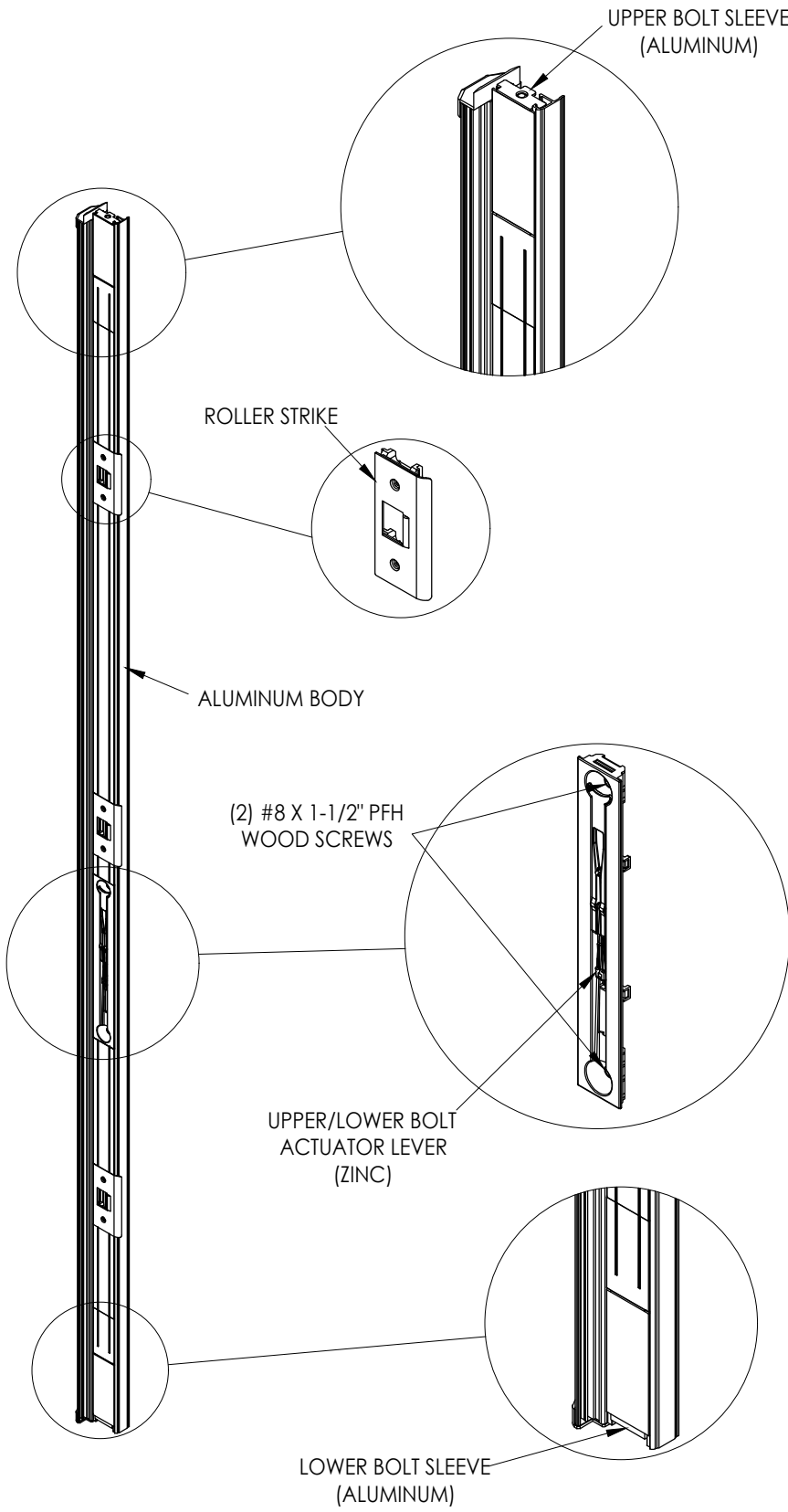
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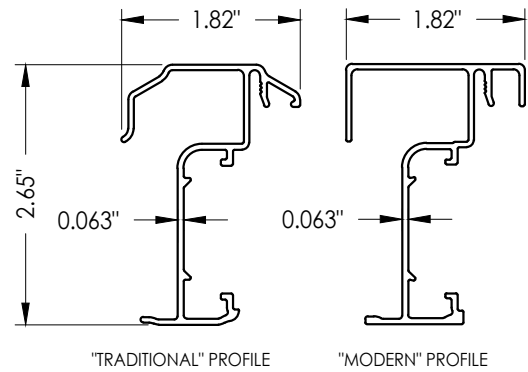
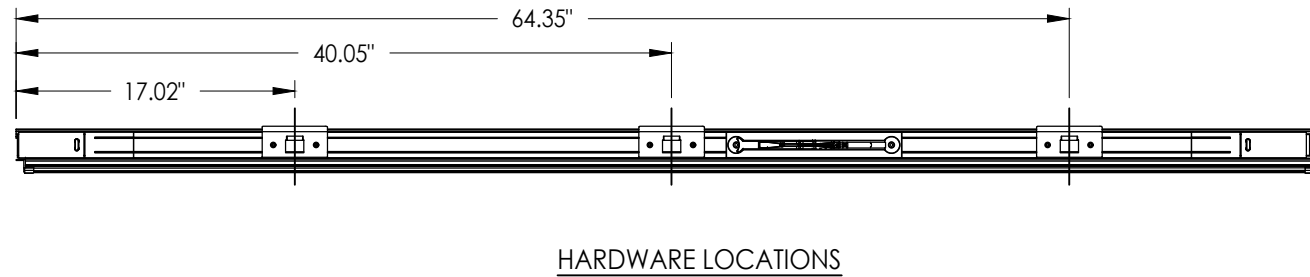
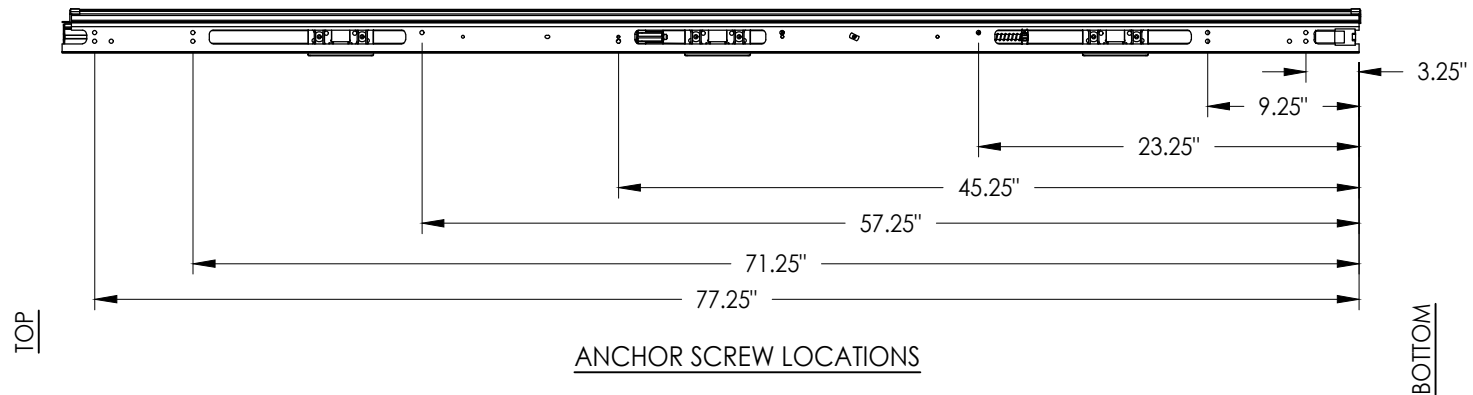
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DRAWING NO.: FL-14823.20

SHEET 1 OF 6



ULTIMATE TRILENNIUM ASTRAGAL



ASTRAGAL SECTIONS

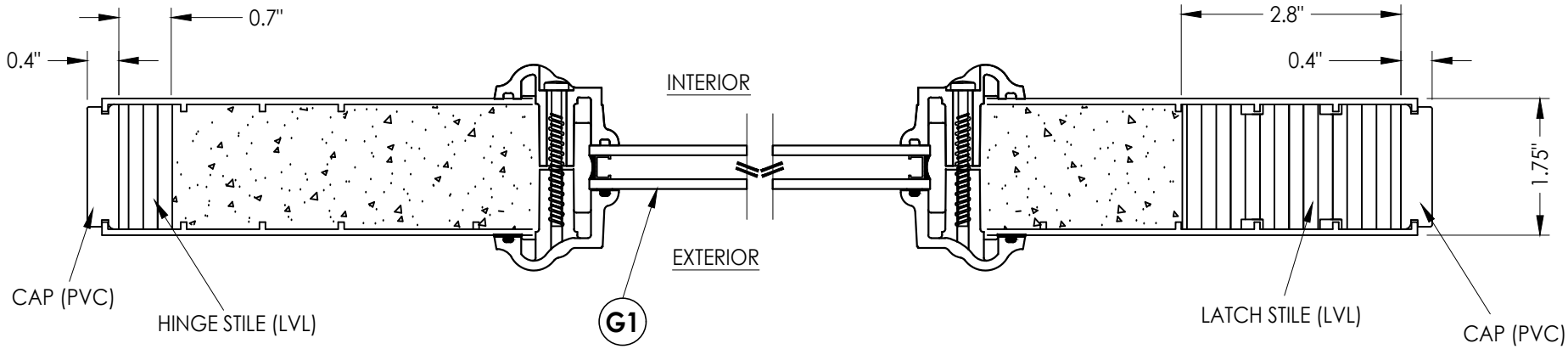
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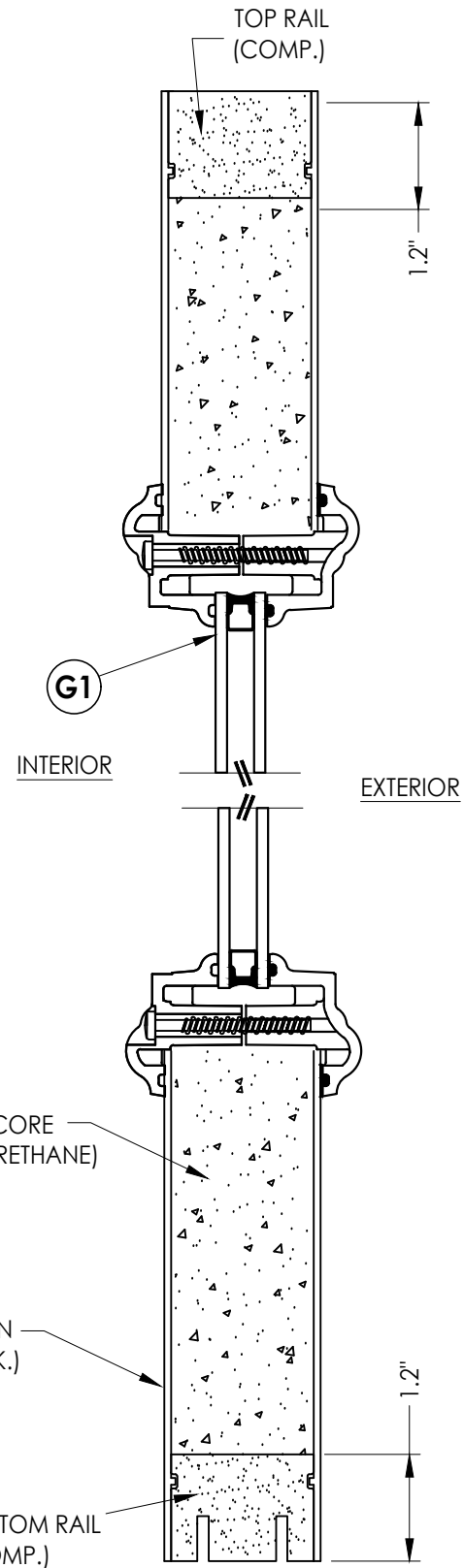
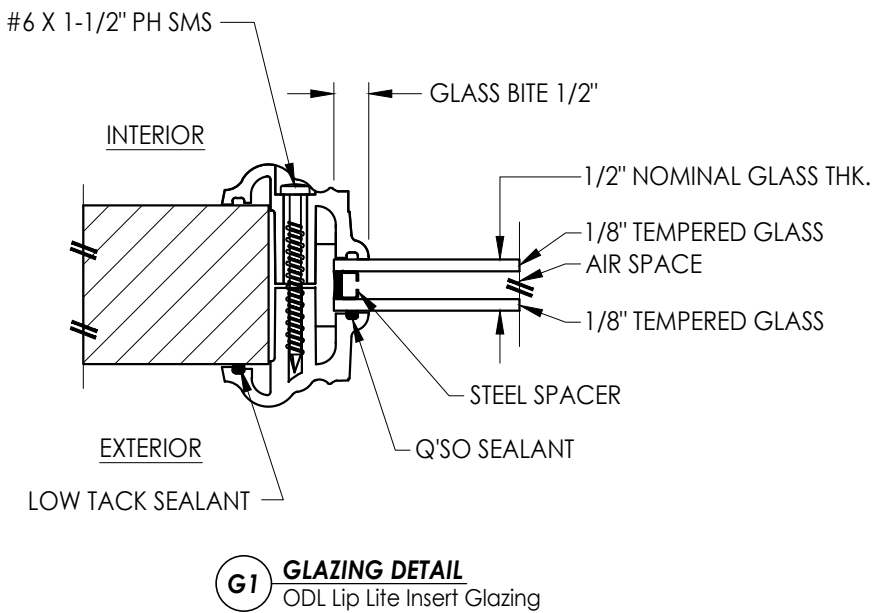
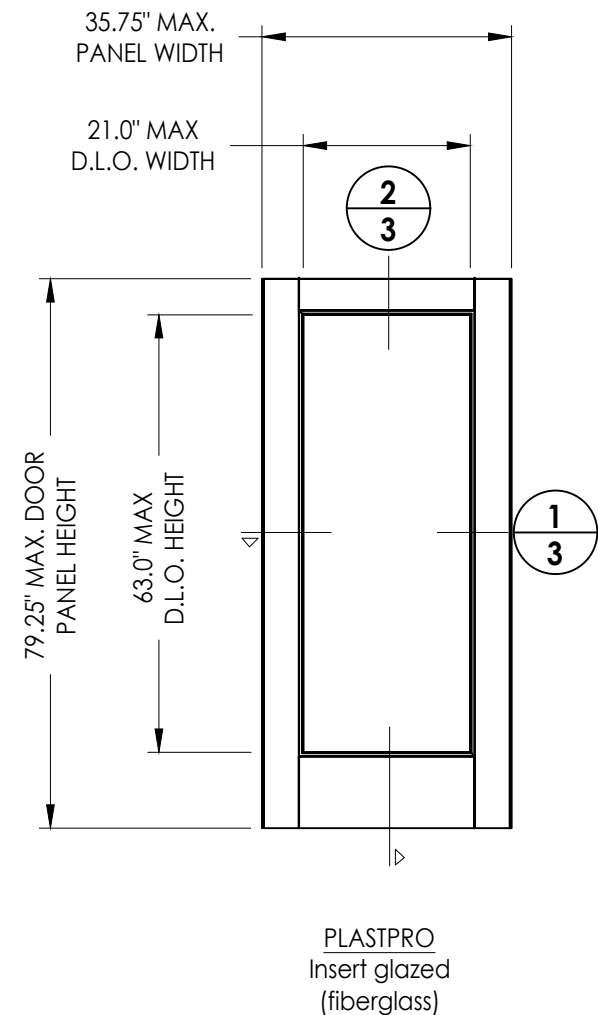
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BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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1
3 HORIZONTAL CROSS SECTION



2
3 VERTICAL CROSS SECTION

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

PRODUCT: ENDURA

PART OR ASSEMBLY:
DOOR PANEL DETAILS
& GLAZING DETAIL

NO.	DATE	REVISIONS
7	7/03/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	4/16/24	ADD MODERN ASTRAGAL PROFILE LFS
5	7/07/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/11/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 1/20/14

SCALE: N.T.S.

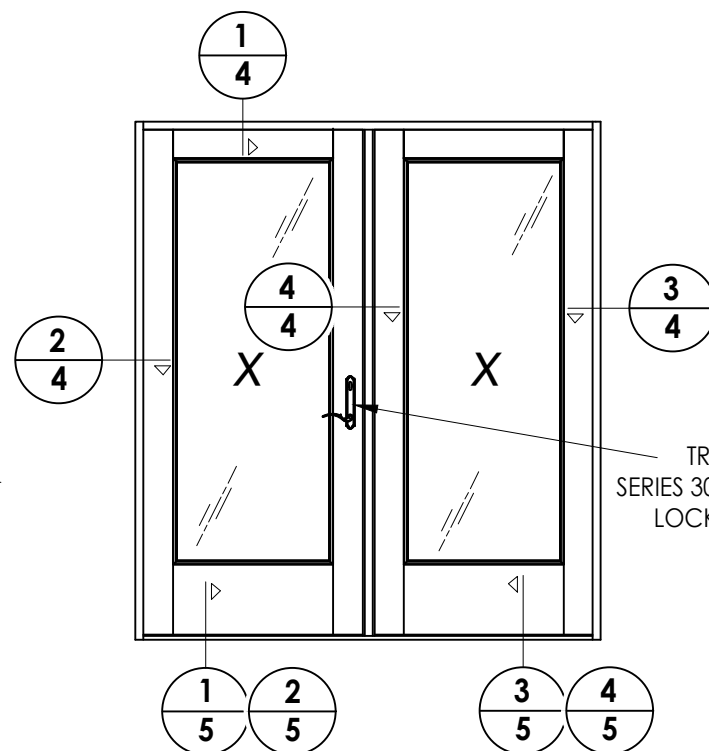
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CHK. BY: LFS

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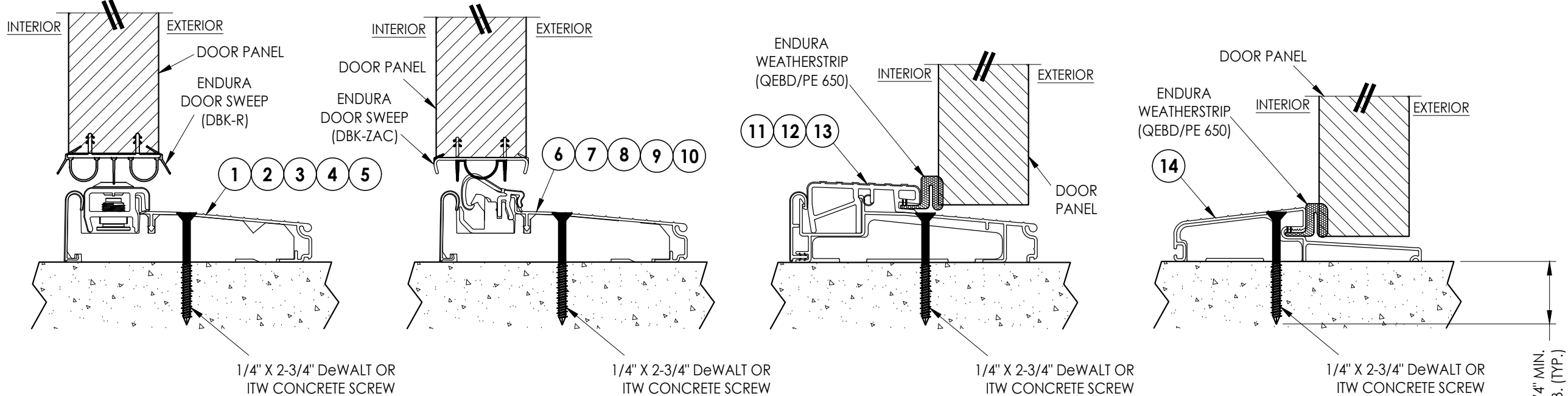
FL-14823.20

SHEET 3 OF 6



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 FBPF Registry No. 9813	
PRODUCT: ENDURA		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
7	7/03/26	UPDATE TO 9TH ED. (2026)	FBC
6	4/16/24	ADD MODERN ASTRAGAL PROFILE	LFS
5	7/07/23	UPDATE TO 8TH ED. (2023)	FBC
4	8/11/20	UPDATE TO 7TH ED. (2020)	FBC
NO.	DATE		
REVISIONS			
DATE: 1/20/14			
SCALE: N.T.S.			
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.: FL-14823.20			
SHEET 4 OF 6			

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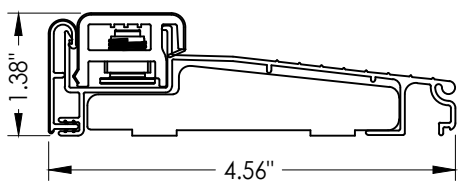


1 **VERTICAL CROSS SECTION**
5 Inswing Adjustable Threshold

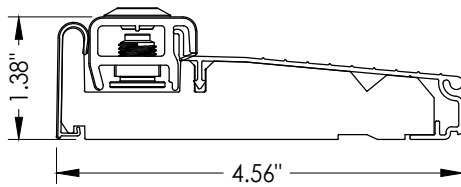
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5 Inswing Articulating Threshold
w/ Pin Capture

3 **VERTICAL CROSS SECTION**
5 Outswing Bump Threshold

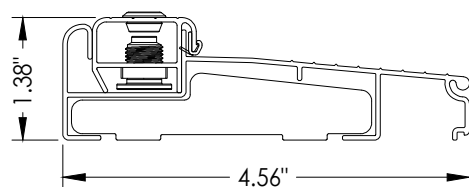
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5 Outswing Bump Threshold



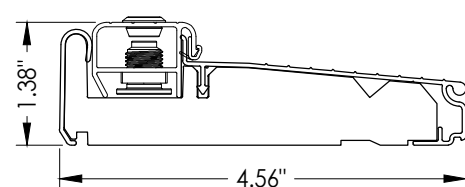
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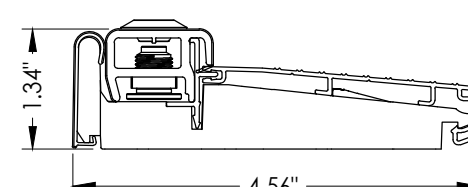
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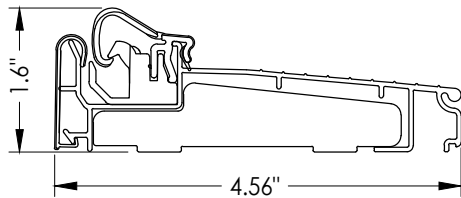
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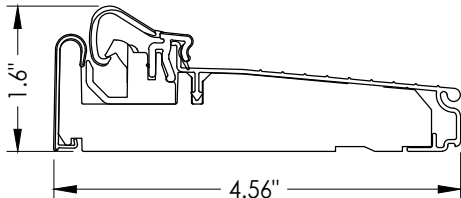
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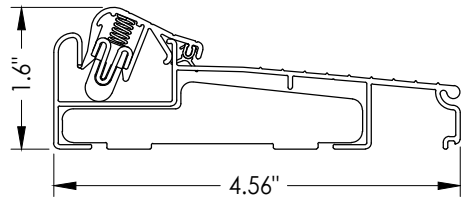
5 **INSWING ADJUSTABLE THRESHOLD**
ZAI4565RDS



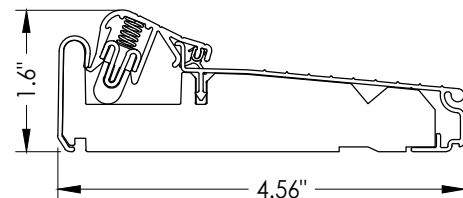
6 **INSWING ARTICULATING THRESHOLD**
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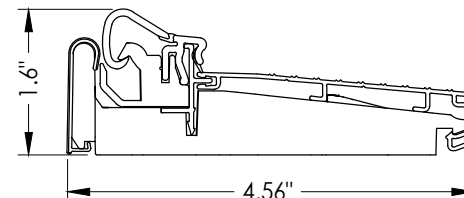
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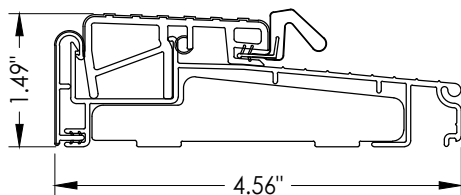
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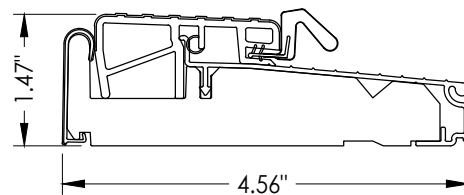
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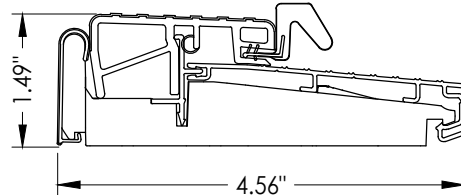
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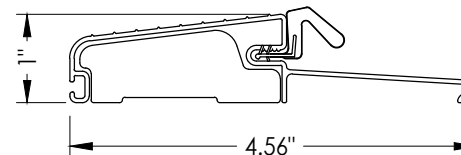
11 **OUTSWING THRESHOLD**
ZOBL4565



12 **OUTSWING THRESHOLD**
ZOB4565FN



13 **OUTSWING THRESHOLD**
ZOB4565RDS



14 **OUTSWING THRESHOLD**
FOB4566

Documents Prepared By:
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P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: ENDURA

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS	BY
7	7/03/26	UPDATE TO 9TH ED. (2026) FBC	LFS
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4	8/11/20	UPDATE TO 7TH ED. (2020) FBC	LFS

DATE: 1/20/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14823.20
SHEET 5 OF 6

