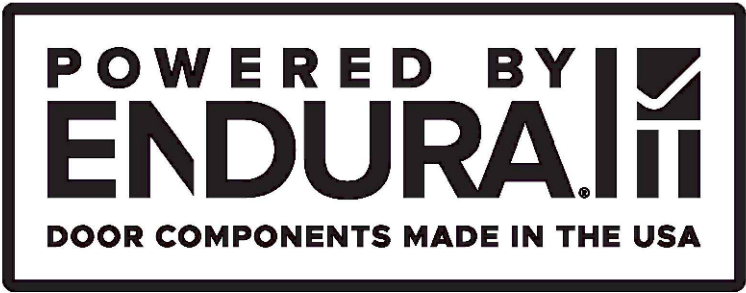


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Ultimate Trilennium Astragal

INSWING / OUTSWING

"NON-IMPACT"

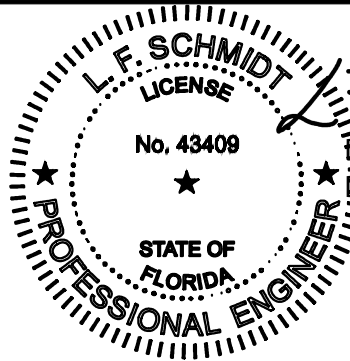
GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 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 (Ultimate Trilennium)
3	Door panel details and glazing detail
4	Horizontal & vertical cross sections
5	Vertical cross sections
6	Buck and frame anchoring



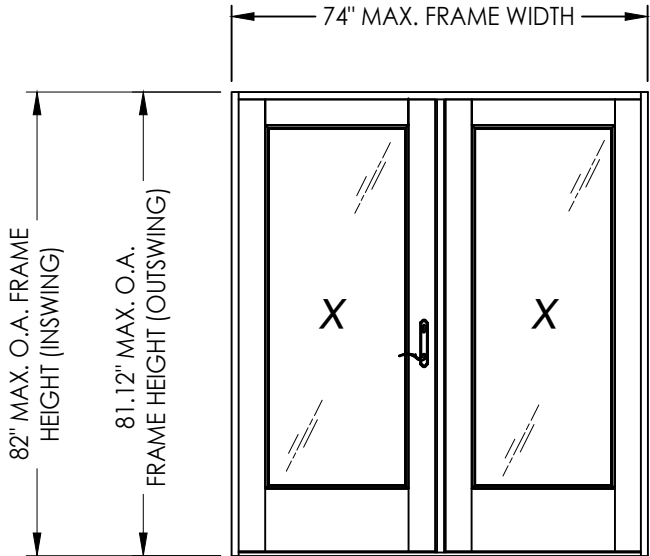
Ultimate Trilennium Astragal



Digitally signed by Lyndon F Schmidt
Date: 2024.04.17 16:18:47 -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



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

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

PRODUCT: ENDURA

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

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

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
NO.	DATE		BY
REVISIONS			

DATE: 1/20/14

SCALE: N.T.S.

DWG. BY: JK

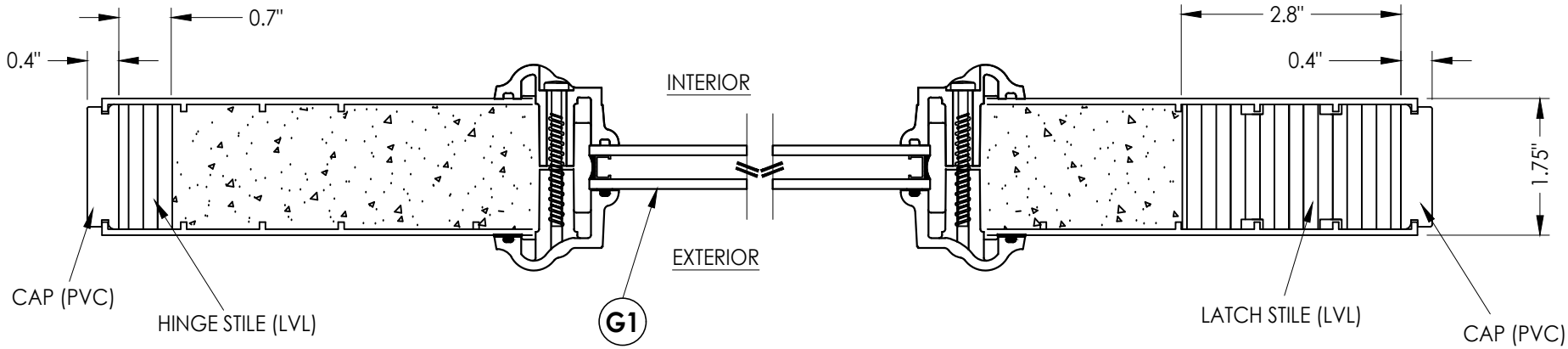
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DRAWING NO.: FL-14823.20

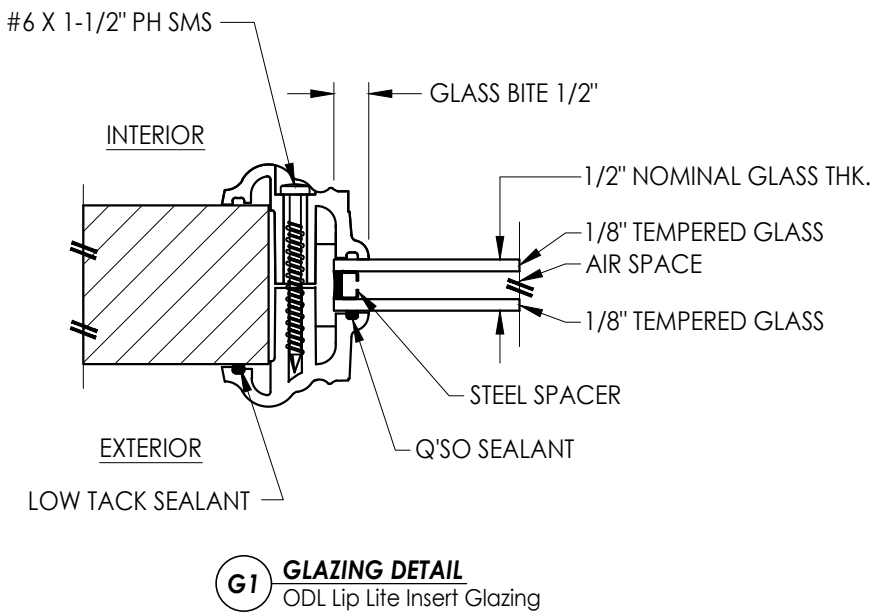
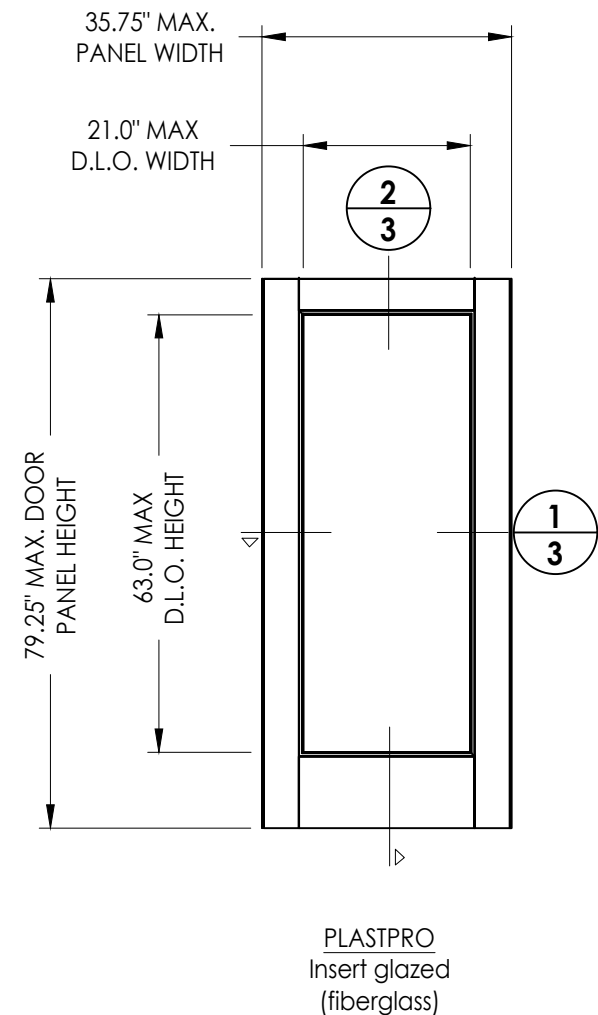
SHEET 1 OF 6

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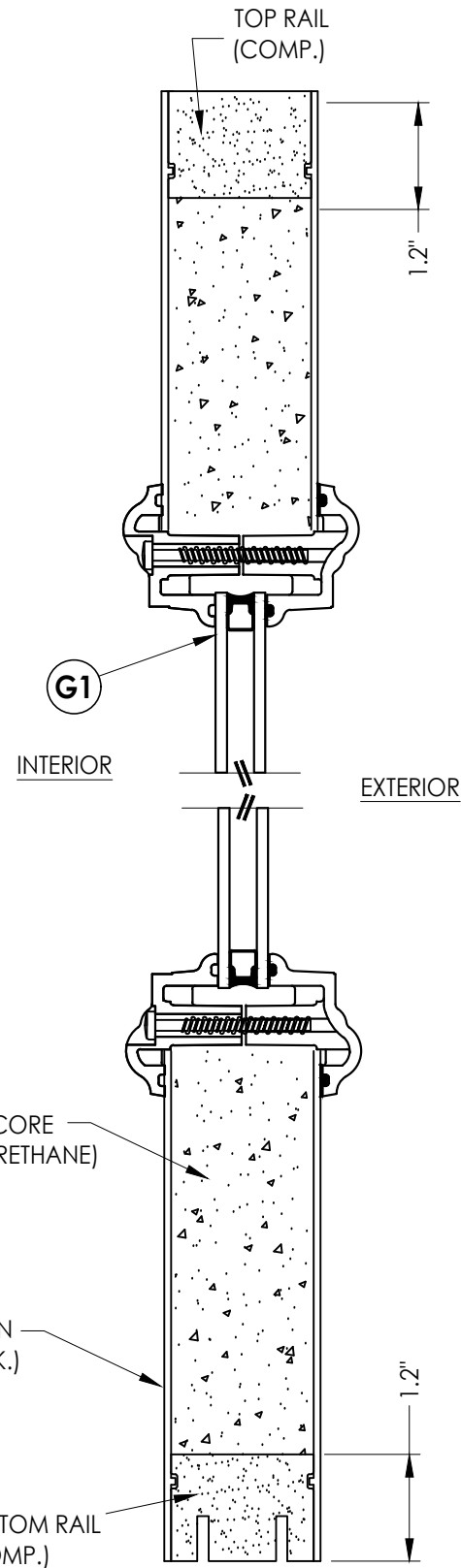
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1
3 HORIZONTAL CROSS SECTION



G1 GLAZING DETAIL
ODL Lip Life Insert Glazing



2
3 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: ENDURA

PART OR ASSEMBLY:
DOOR PANEL DETAILS
& GLAZING DETAIL

NO.	DATE	REVISIONS
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
NO.	DATE	BY

DATE: 1/20/14

SCALE: N.T.S.

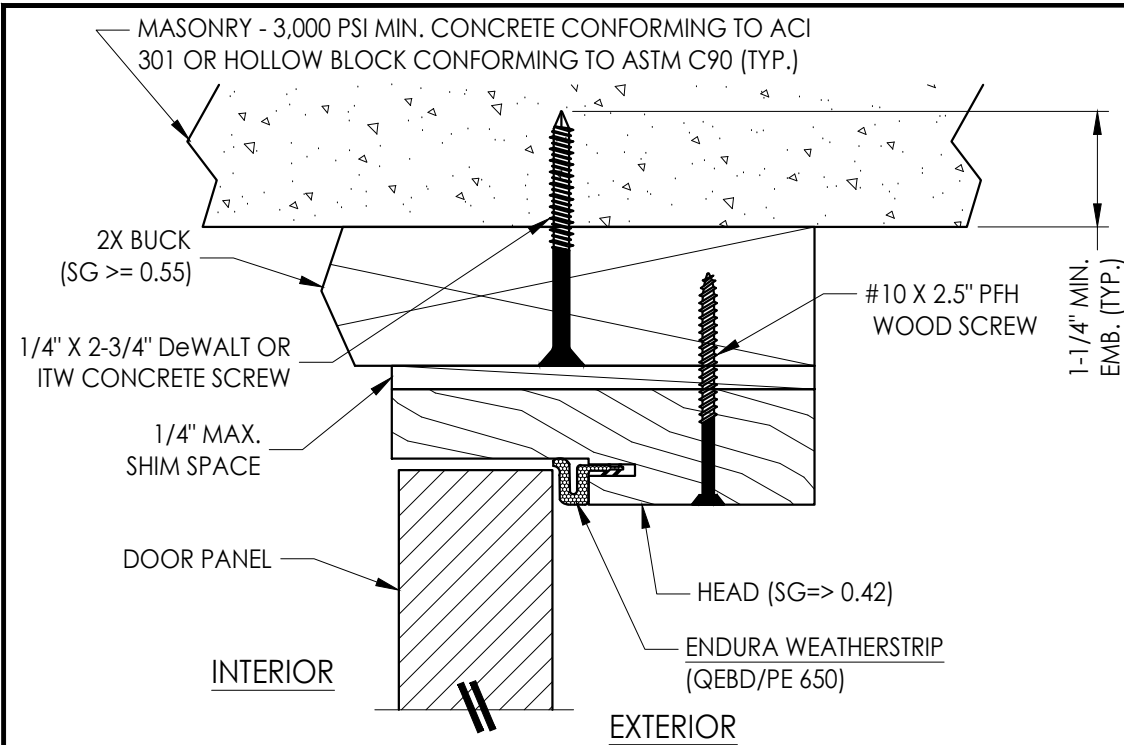
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CHK. BY: LFS

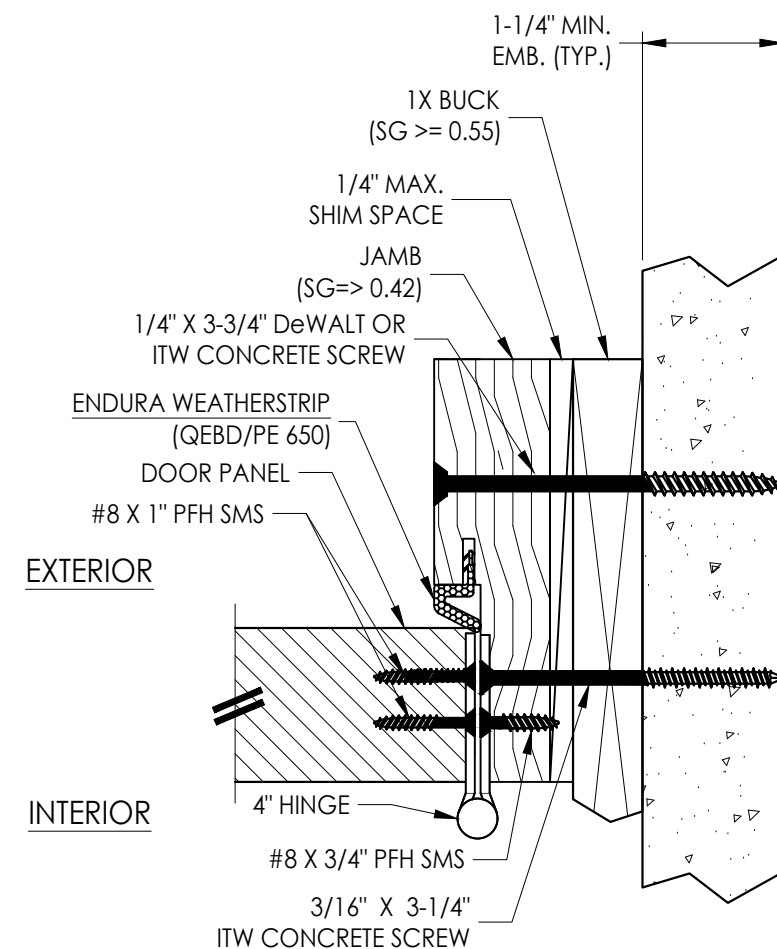
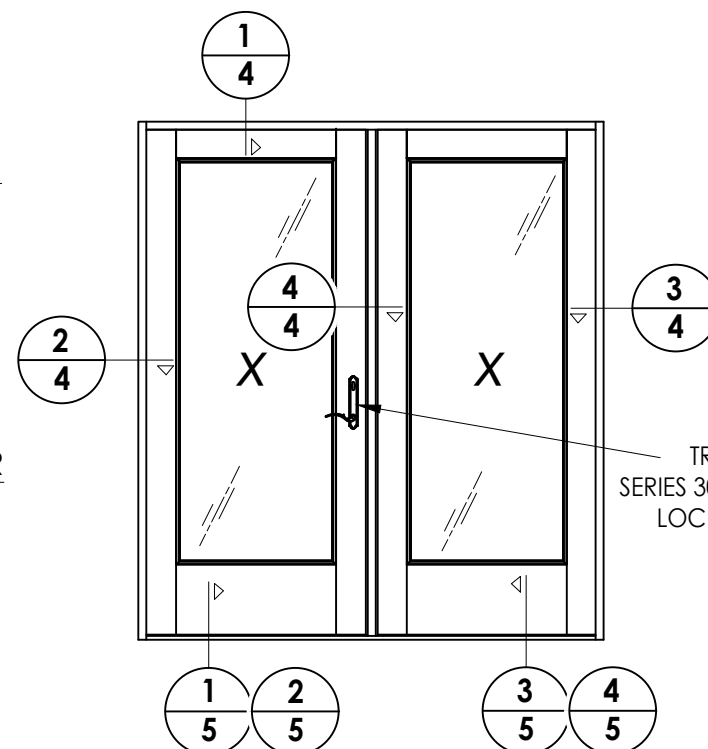
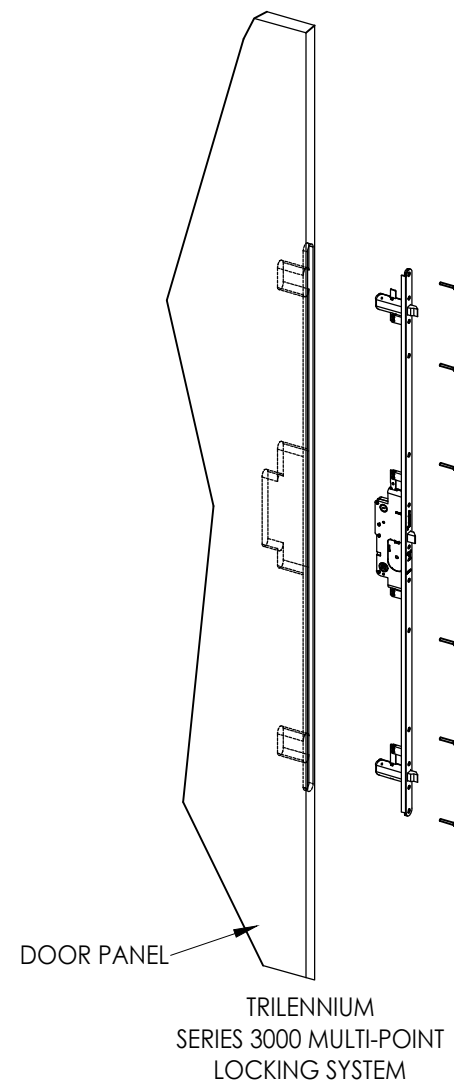
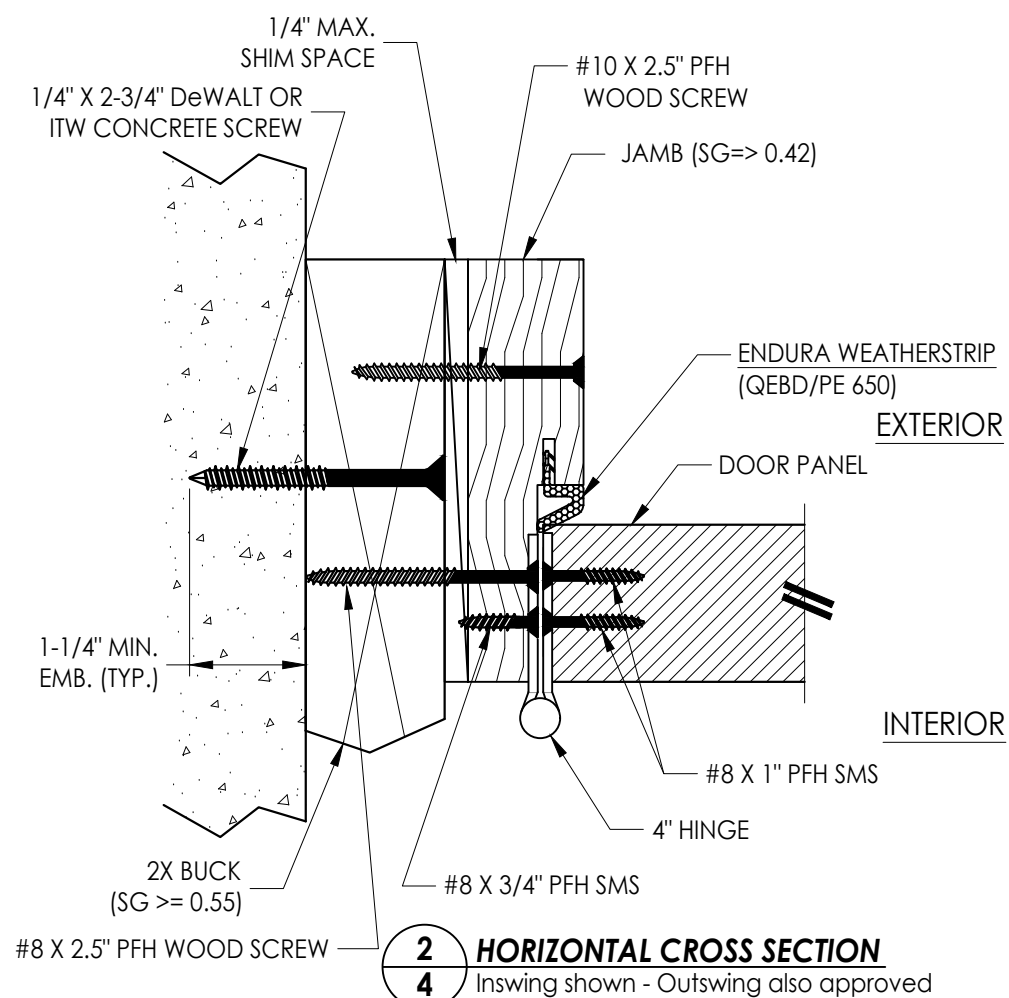
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FL-14823.20

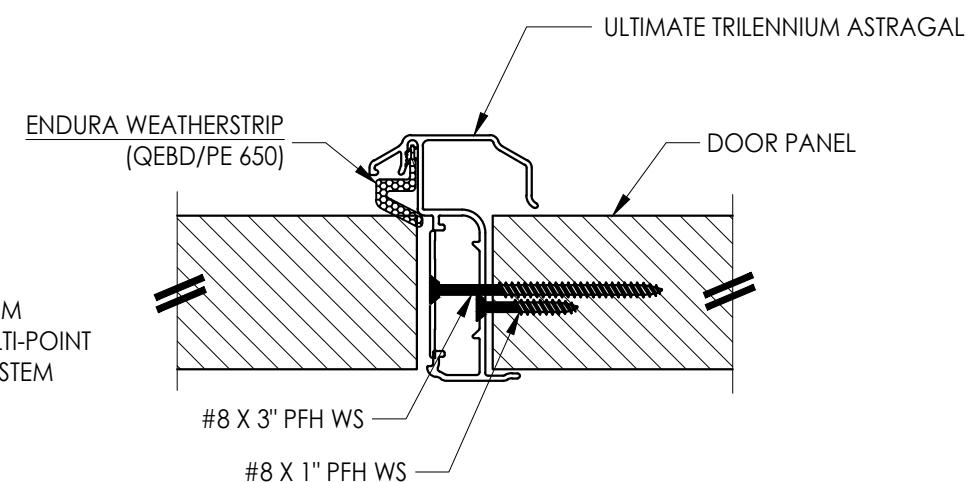
SHEET 3 OF 6



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



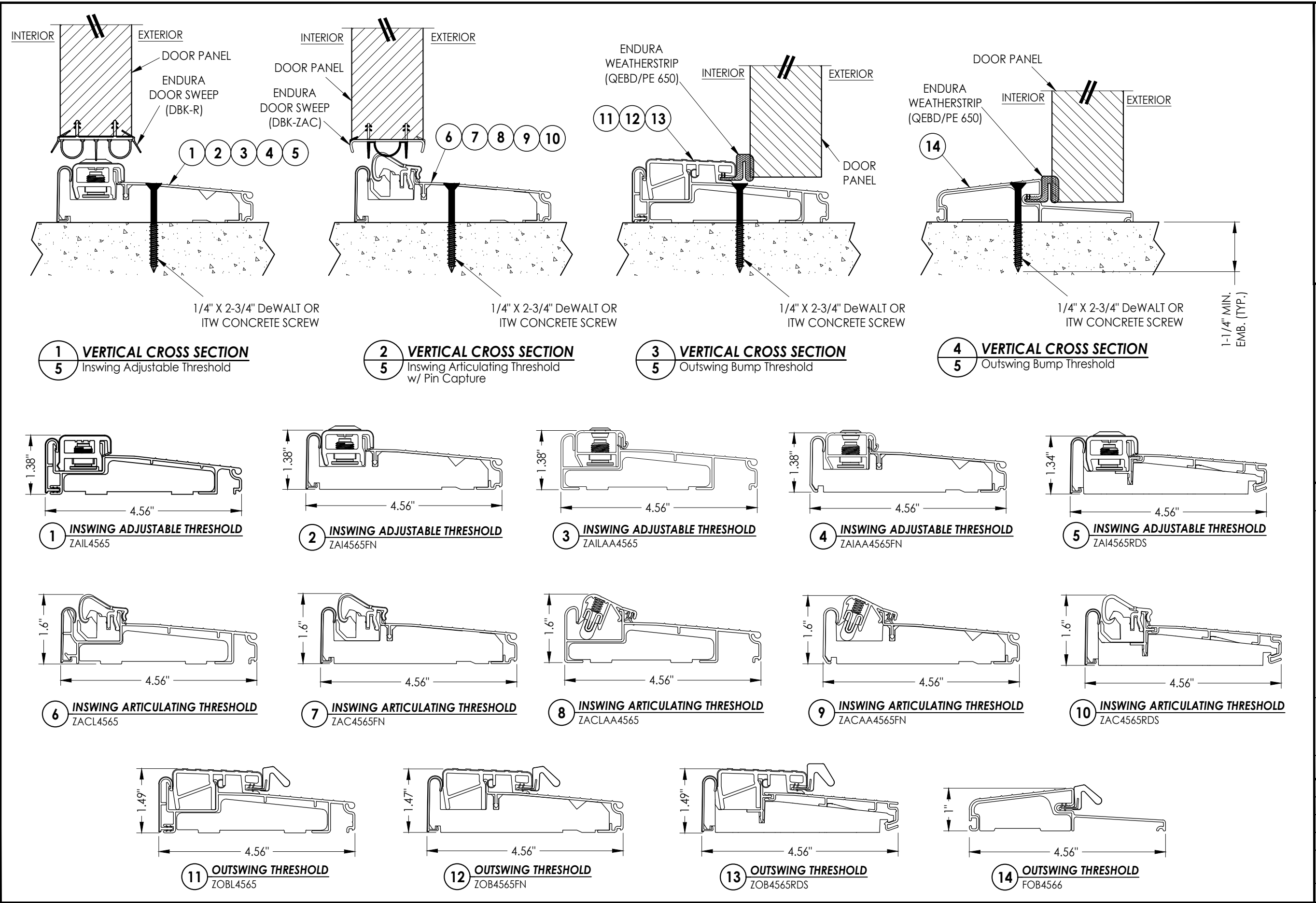
3 HORIZONTAL CROSS SECTION
4 Shown w/1X sub-buck



4 HORIZONTAL CROSS SECTION

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Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: ENDURA				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			
			LFS				BY
		4/16/24	ADD MODERN ASTRAGAL PROFILE				
		5/7/23	UPDATE TO 8TH ED. (2023) FBC				
		4/8/20	UPDATE TO 7TH ED. (2020) FBC				
		NO.	DATE				
DATE: 1/20/14				REVISIONS			
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-14823.20							
SHEET 5 OF 6							

