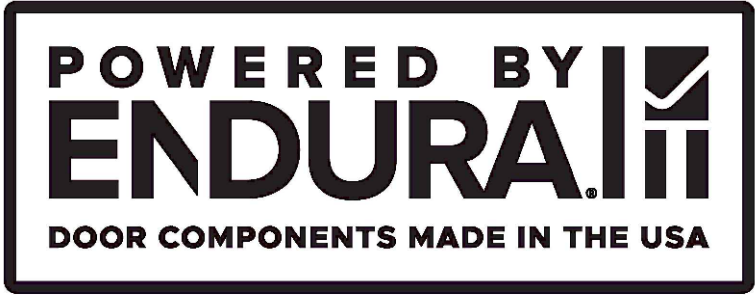


G:\ENDURA\FL-14823 R14\FL-14823.2-4.6-9.dwg



Ultimate Flip Lever Astragal

INSWING / OUTSWING

"NON-IMPACT"

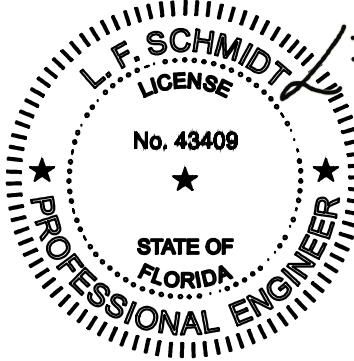
GENERAL NOTES

- 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
3	Door panel details
4	Horizontal and vertical cross sections
5	Threshold details
6	Buck and frame anchoring



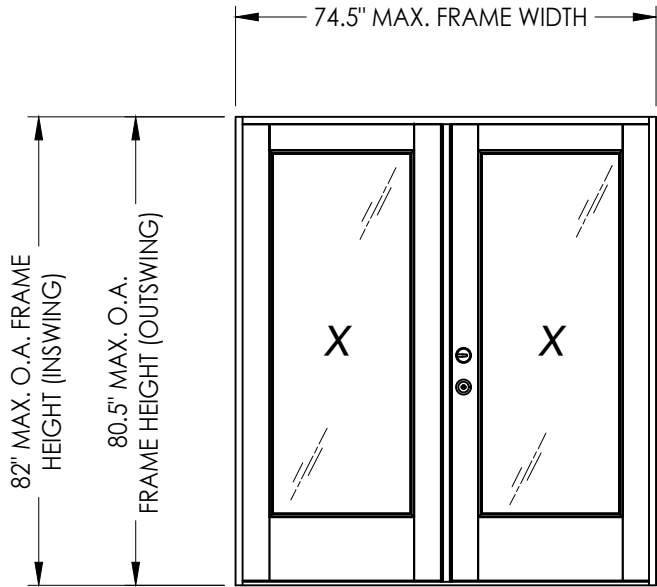
Ultimate Flip Lever Astragal



Digitally signed by Lyndon F Schmidt
Date: 2026.07.19 11:21:36 -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 FLIP LEVER ASTRAGAL by ENDURA				
MAXIMUM FRAME SIZE			DESIGN PRESSURE RATING (PSF)	
			POSITIVE	NEGATIVE
JELD-WEN Insert Glazed (FIBERGLASS)	INSWING	74.5" X 82"	+35.0	-40.0
	OUTSWING	74.5" X 80.5"	+35.0	-35.0

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

ENDURA

PRODUCT:

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

RW

Part or Assembly:

Typical Elevations, Design Pressures & General Notes

REVISIONS

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

DATE: 8/30/11

SCALE: N.T.S.

DWG. BY: JK

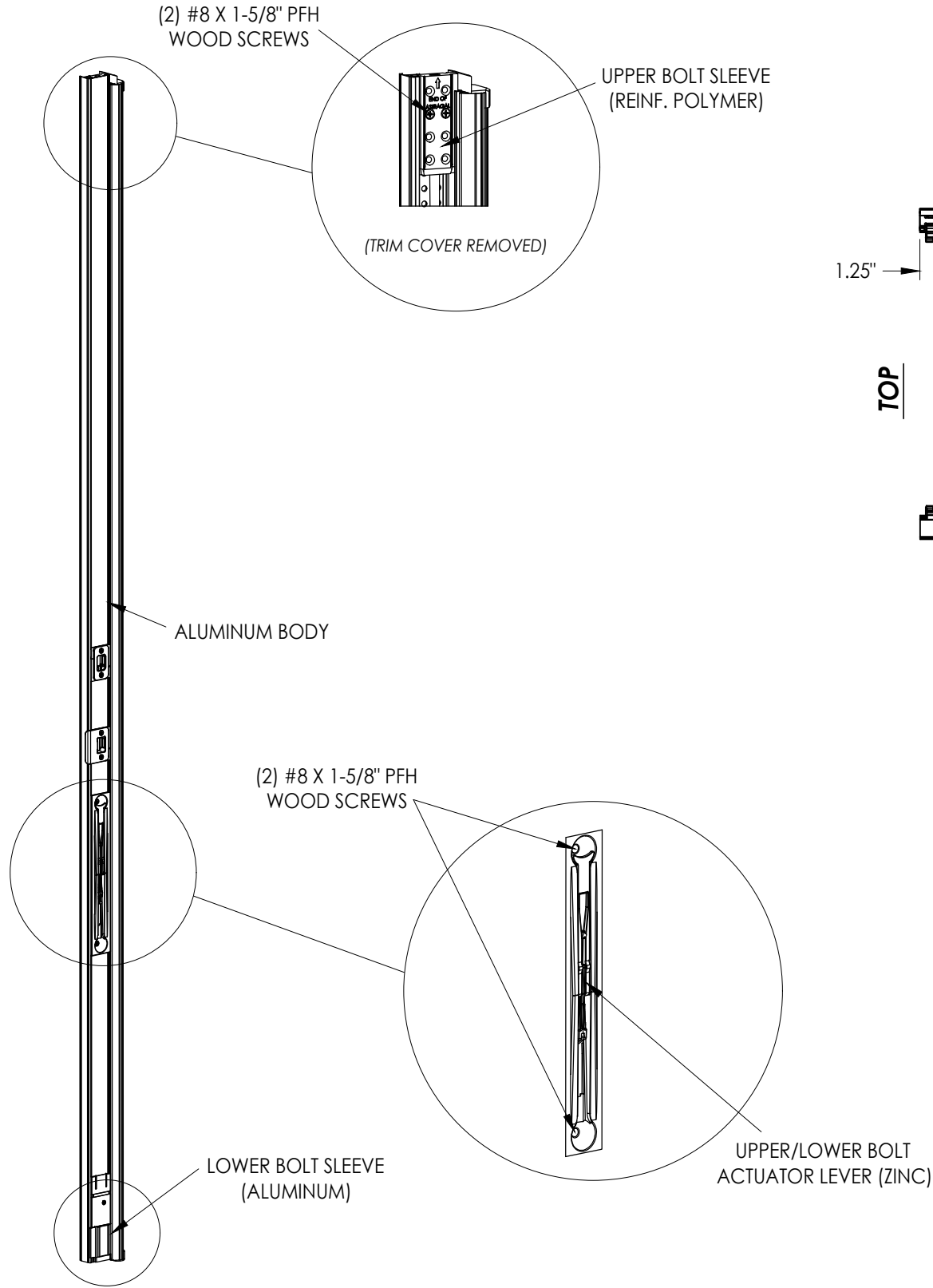
CHK. BY: LFS

DRAWING NO.: FL-14823.7

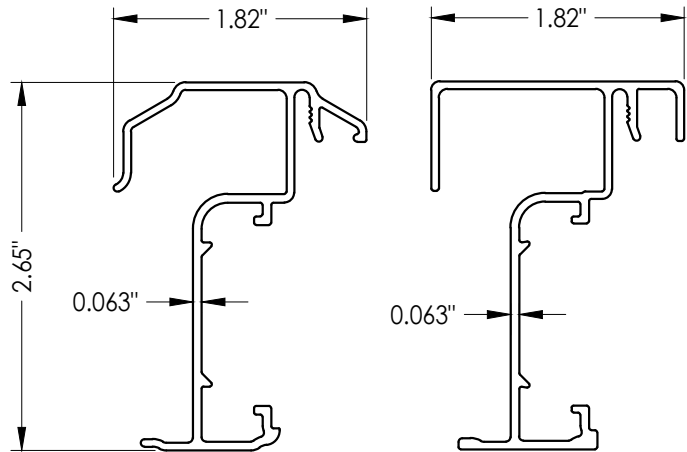
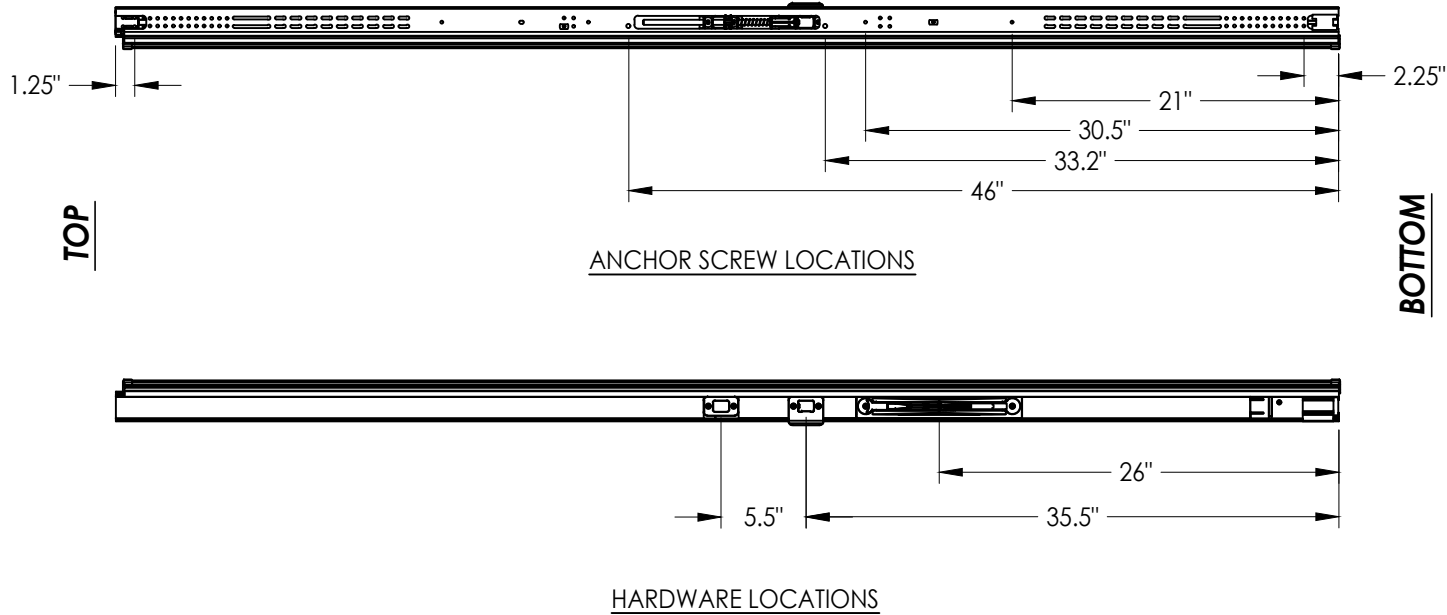
SHEET 1 OF 6

© 2011 R.W. BUILDING CONSULTANTS INC.

G:\ENDURA\FL-14823 R14\FL-14823.2-4.6-9.dwg



ULTIMATE FLIP LEVER ASTRAGAL



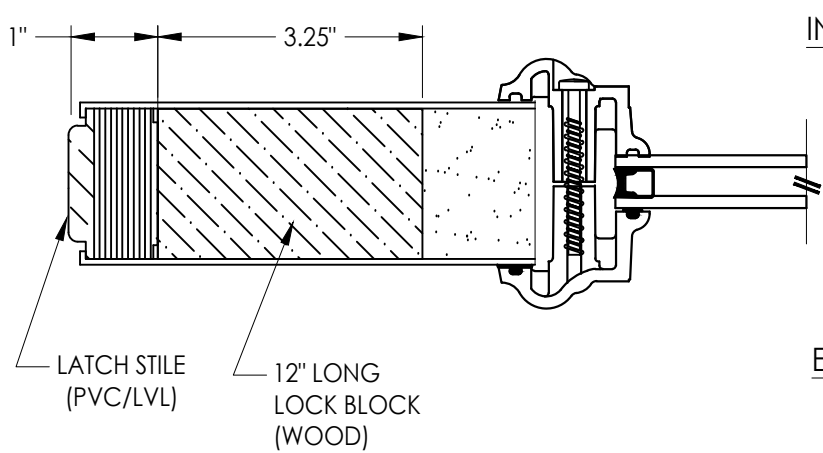
ASTRAGAL SECTIONS

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

DATE:	8/30/11
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14823.7
SHEET	2 OF 6

PRODUCT:	ENDURA
PART OR ASSEMBLY:	ASTRAGAL DETAILS

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



INTERIOR

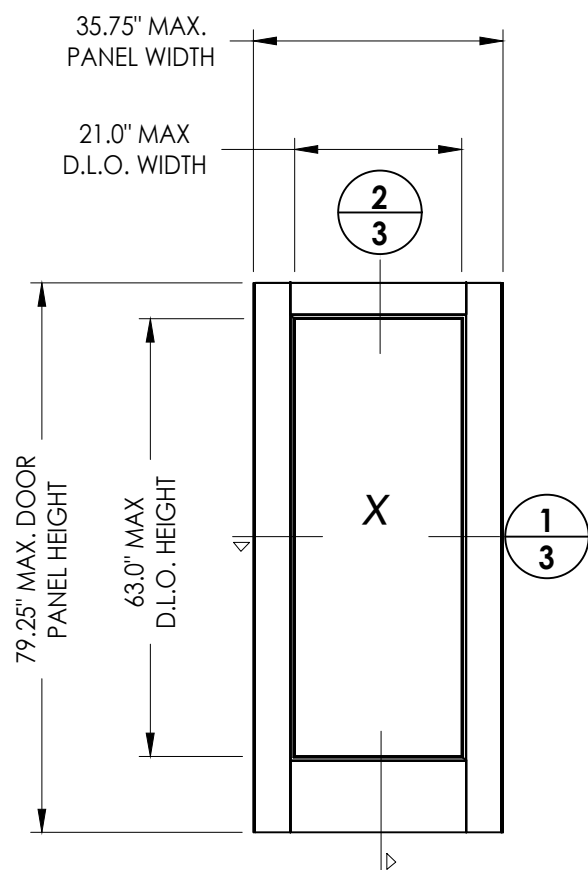
G1

EXTERIOR

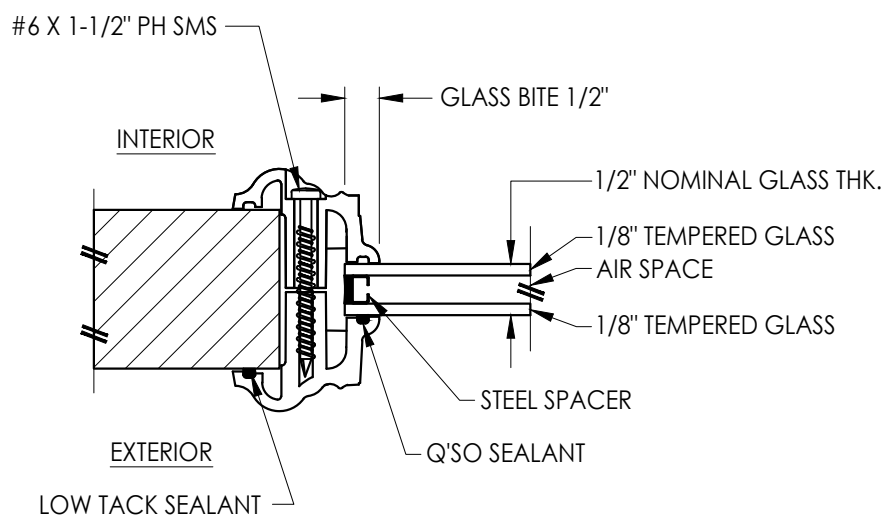
FIBERGLASS SKIN
(0.063" MIN.)

HINGE STILE
(PVC/LVL)

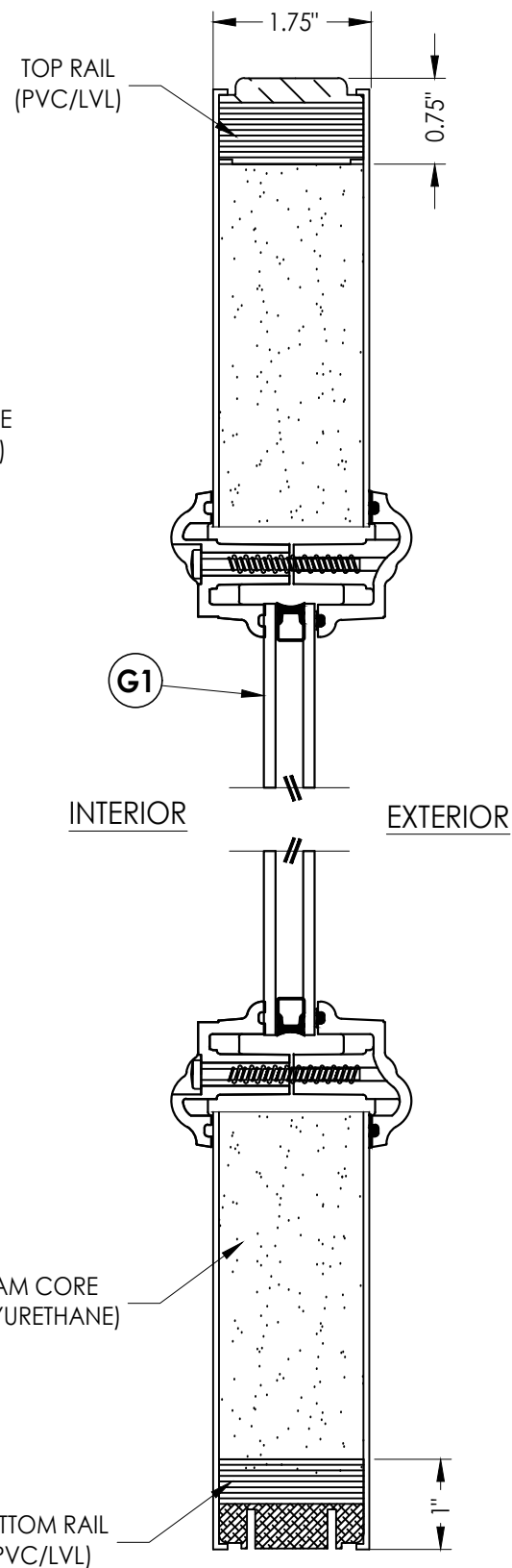
1
3 HORIZONTAL CROSS SECTION



JELD-WEN
Insert Glazed
(fiberglass)



G1 GLAZING DETAIL
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
8	7/03/26	UPDATE TO 9TH ED. (2026) FBC LFS
7	4/16/24	ADD MODERN ASTRAGAL PROFILE LFS
6	7/07/23	UPDATE TO 8TH ED. (2023) FBC LFS

DATE: 8/30/11

SCALE: N.T.S.

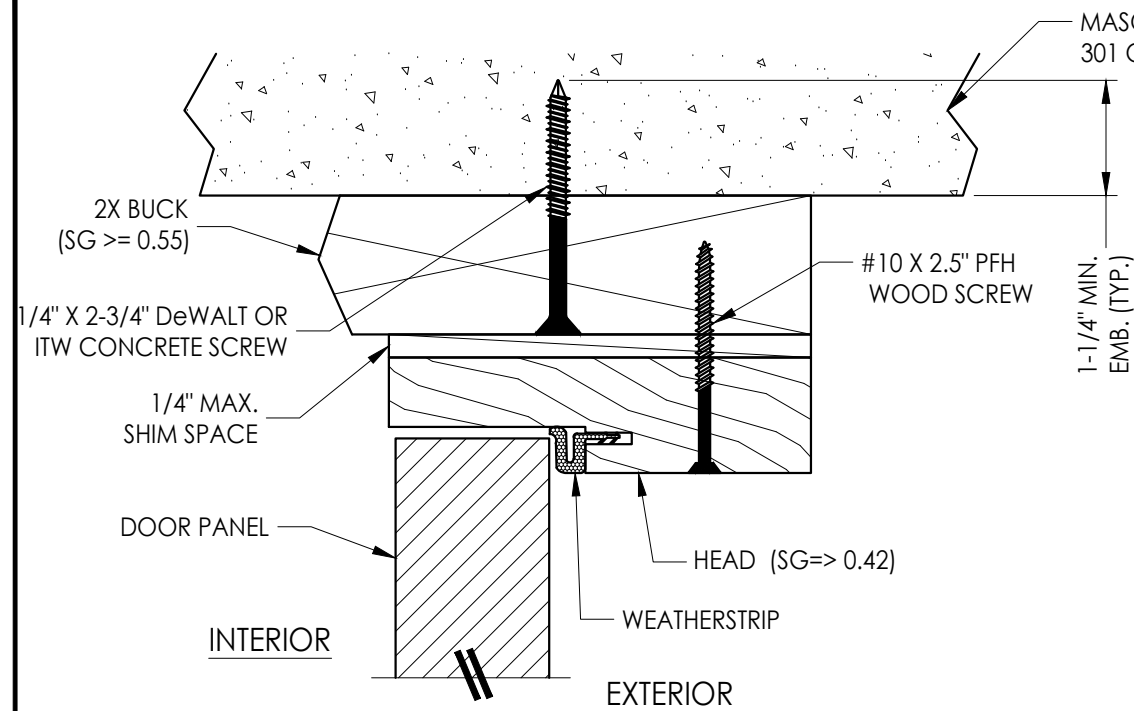
DWG. BY: JK

CHK. BY: LFS

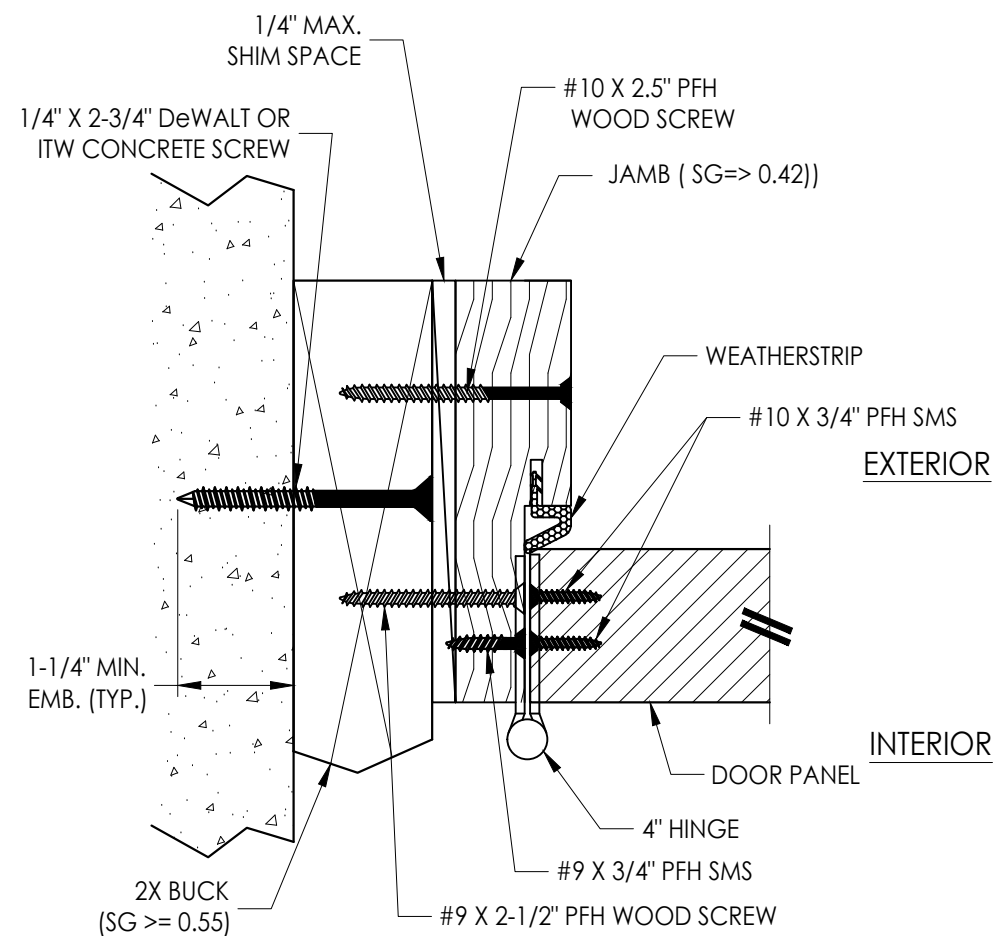
DRAWING NO.:

FL-14823.7

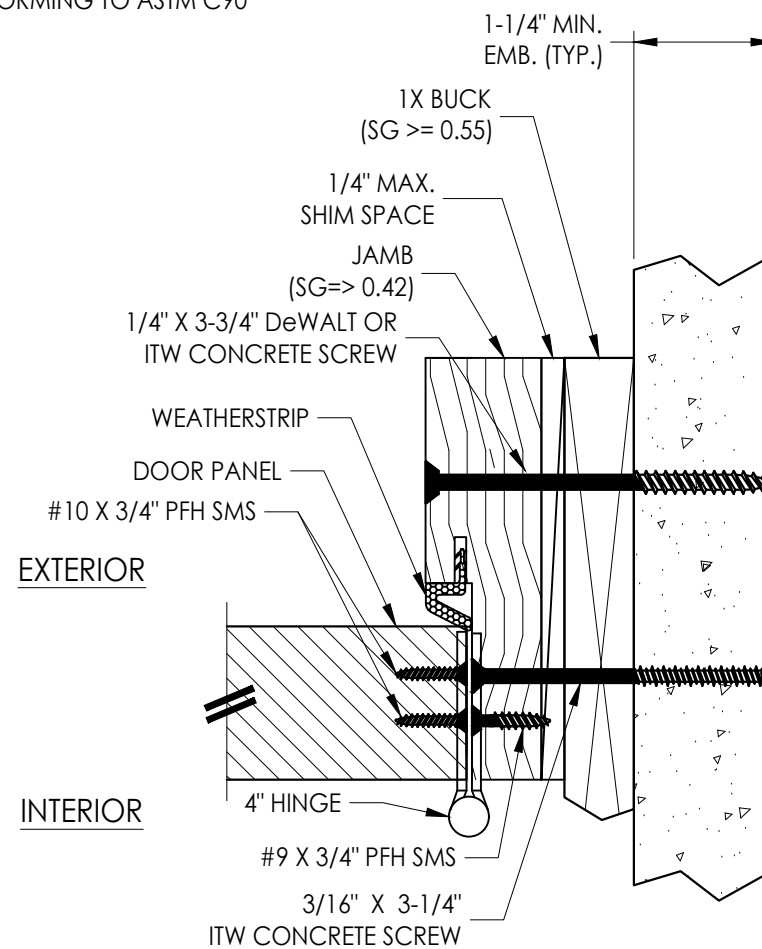
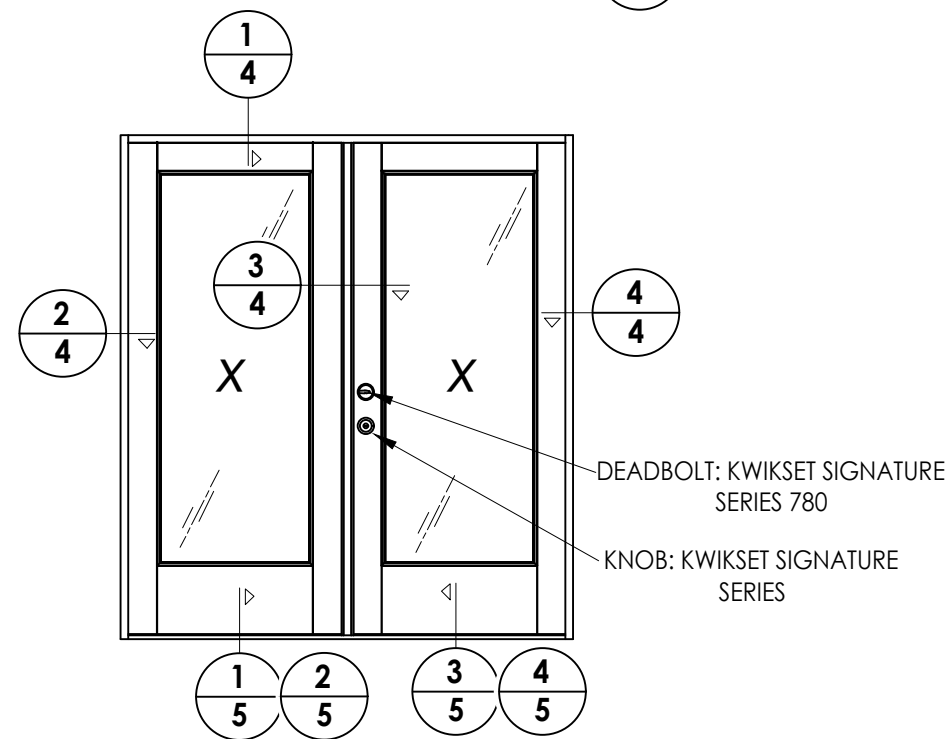
SHEET 3 OF 6



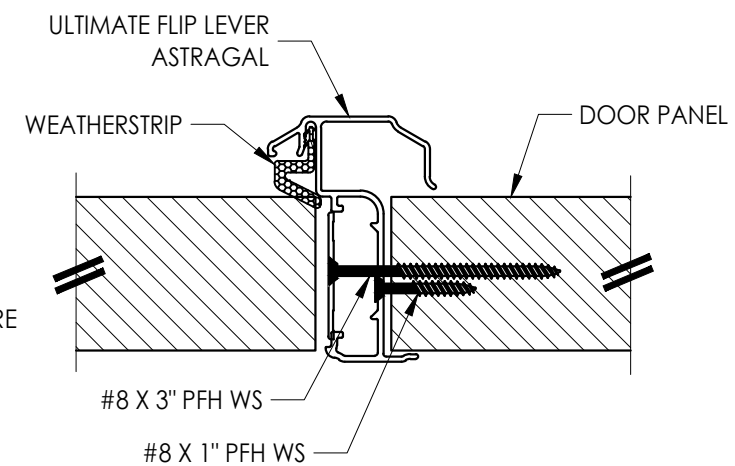
1 **VERTICAL CROSS SECTION**
4



2 4 HORIZONTAL CROSS SECTION



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

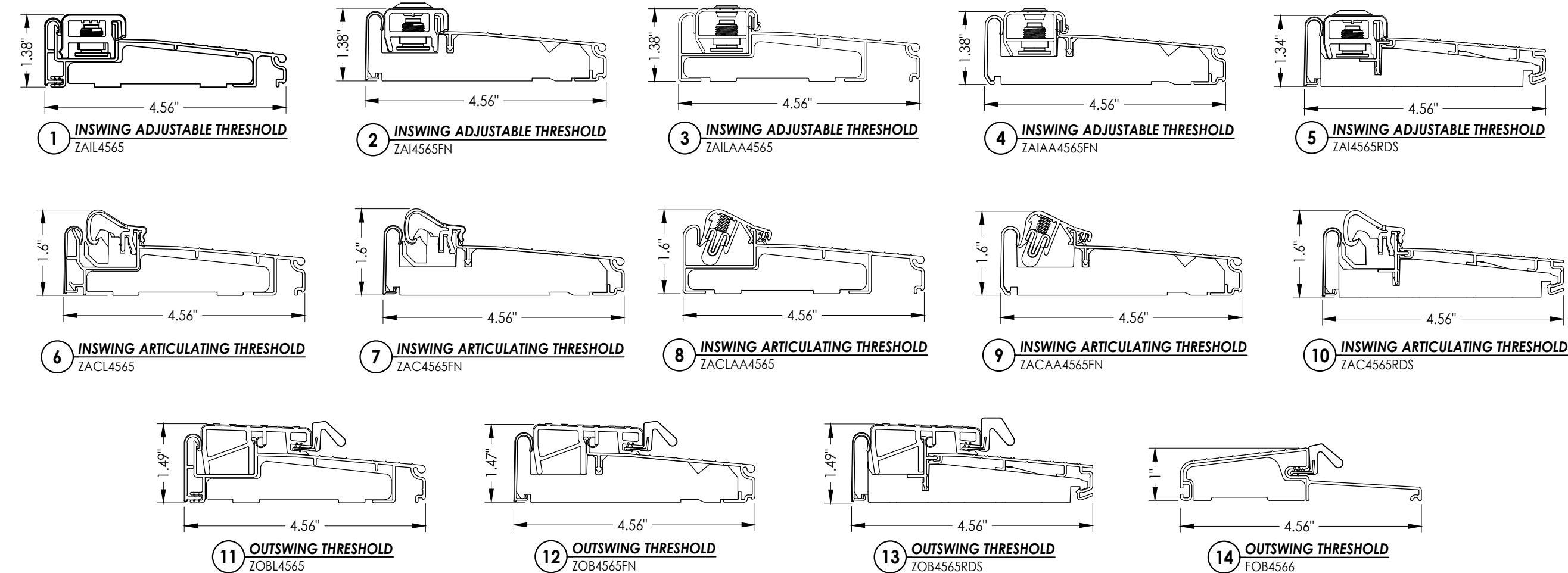
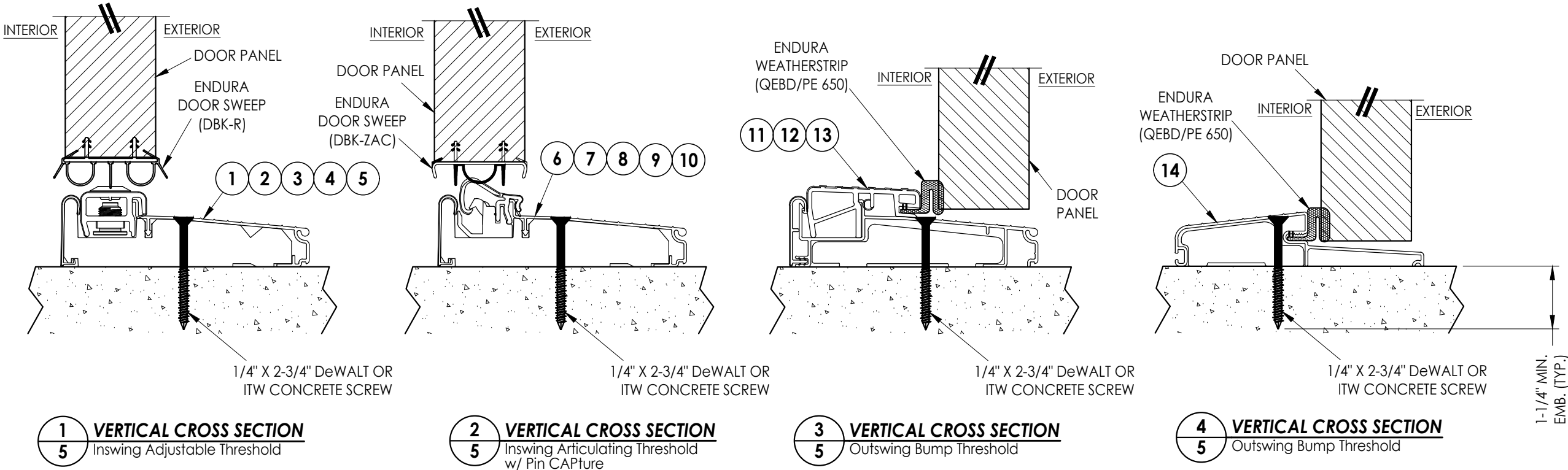


3 4 HORIZONTAL CROSS SECTION

[illegible]

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

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



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:		PART OR ASSEMBLY:	
ENDURA		THRESHOLD DETAILS	
NO.	DATE	REVISIONS	BY
8	7/03/26	UPDATE TO 9TH ED. (2026) FBC	LFS
7	4/16/24	ADD MODERN ASTRAGAL PROFILE	LFS
6	7/07/23	UPDATE TO 8TH ED. (2023) FBC	LFS
DATE: 8/30/11			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14823.7			
SHEET 5 OF 6			

