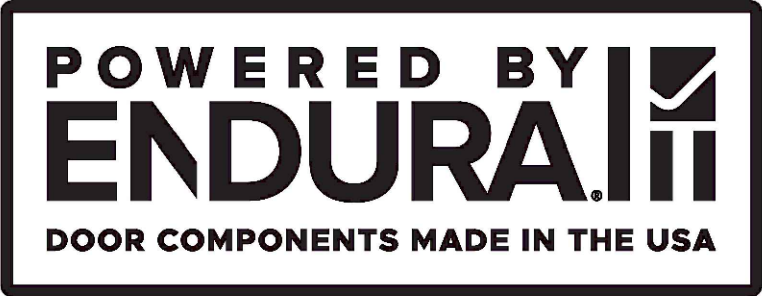


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Ultimate Flip Lever Astragal

INSWING / OUTSWING

"NON-IMPACT"

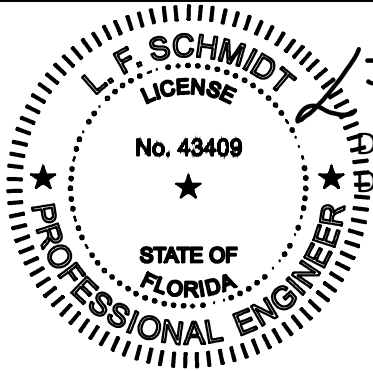
GENERAL NOTES

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

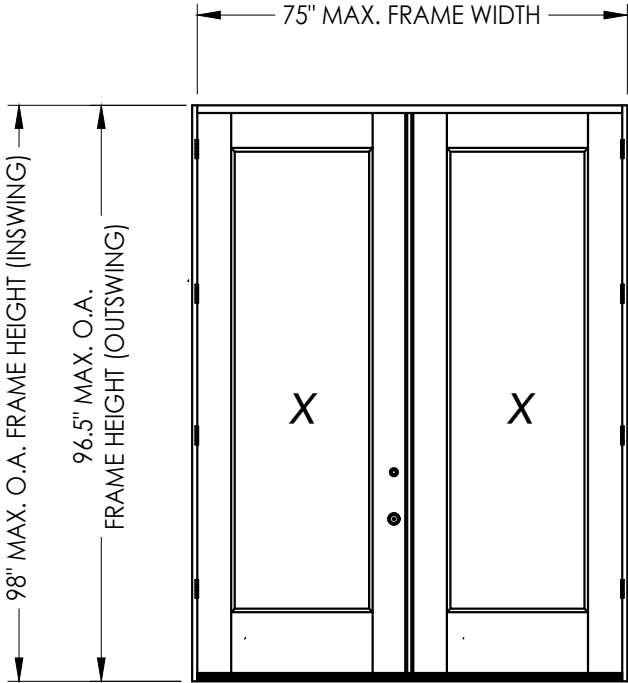
ULTIMATE MULTIPOINT ASTRAGAL by ENDURA				
MAXIMUM FRAME SIZE			DESIGN PRESSURE RATING (PSF)	
			POSITIVE	NEGATIVE
TRINITY Insert Glazed (FIBERGLASS)	INSWING	75" X 98"	+40.0	-40.0
	OUTSWING	75" X 96.5"	+40.0	-40.0



Digitally signed by Lyndon F Schmidt
Date: 2024.04.17 16:19:21 -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

7	4/16/24	ADD MODERN ASTRAGAL PROFILE	LFS
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
NO.	DATE		BY

REVISIONS

DATE: 8/30/11

SCALE: N.T.S.

DWG. BY: JK

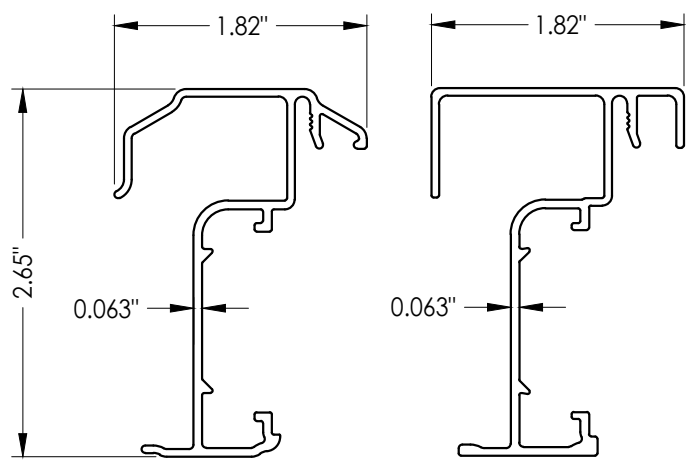
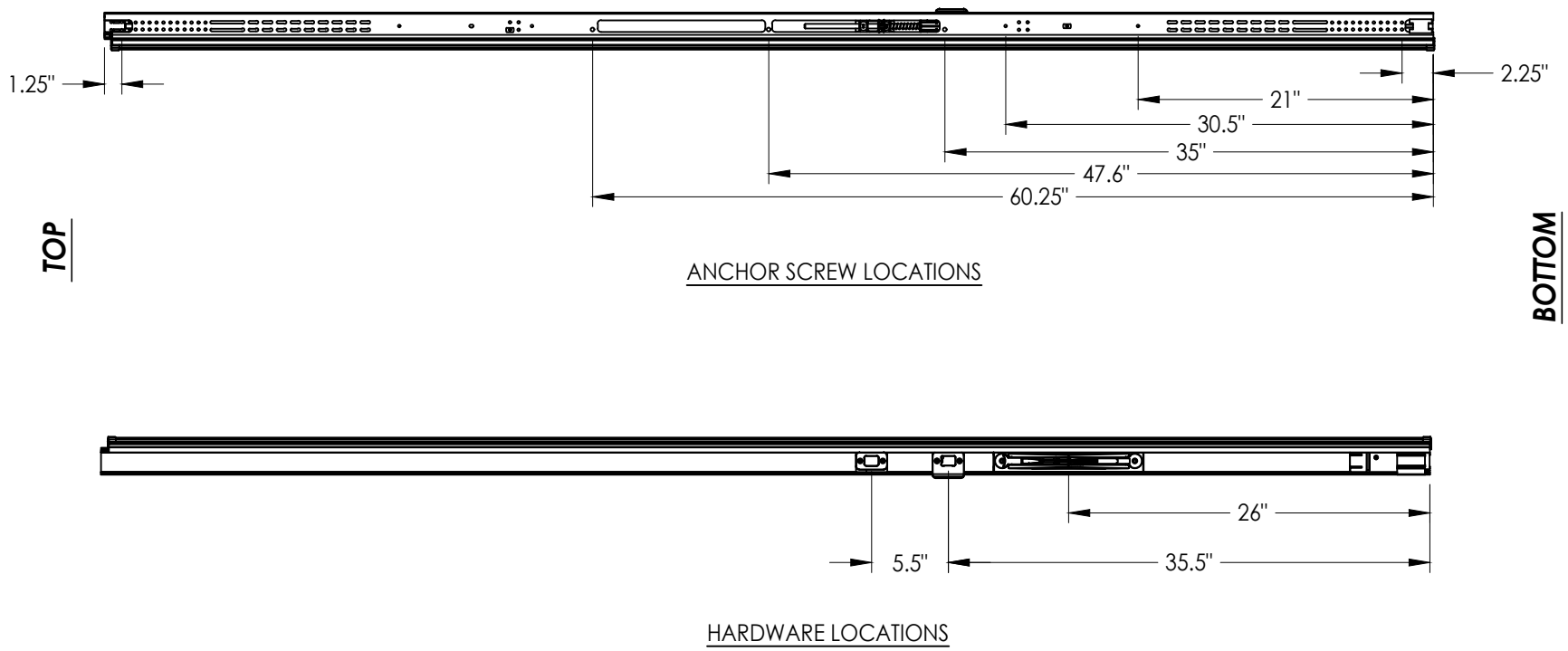
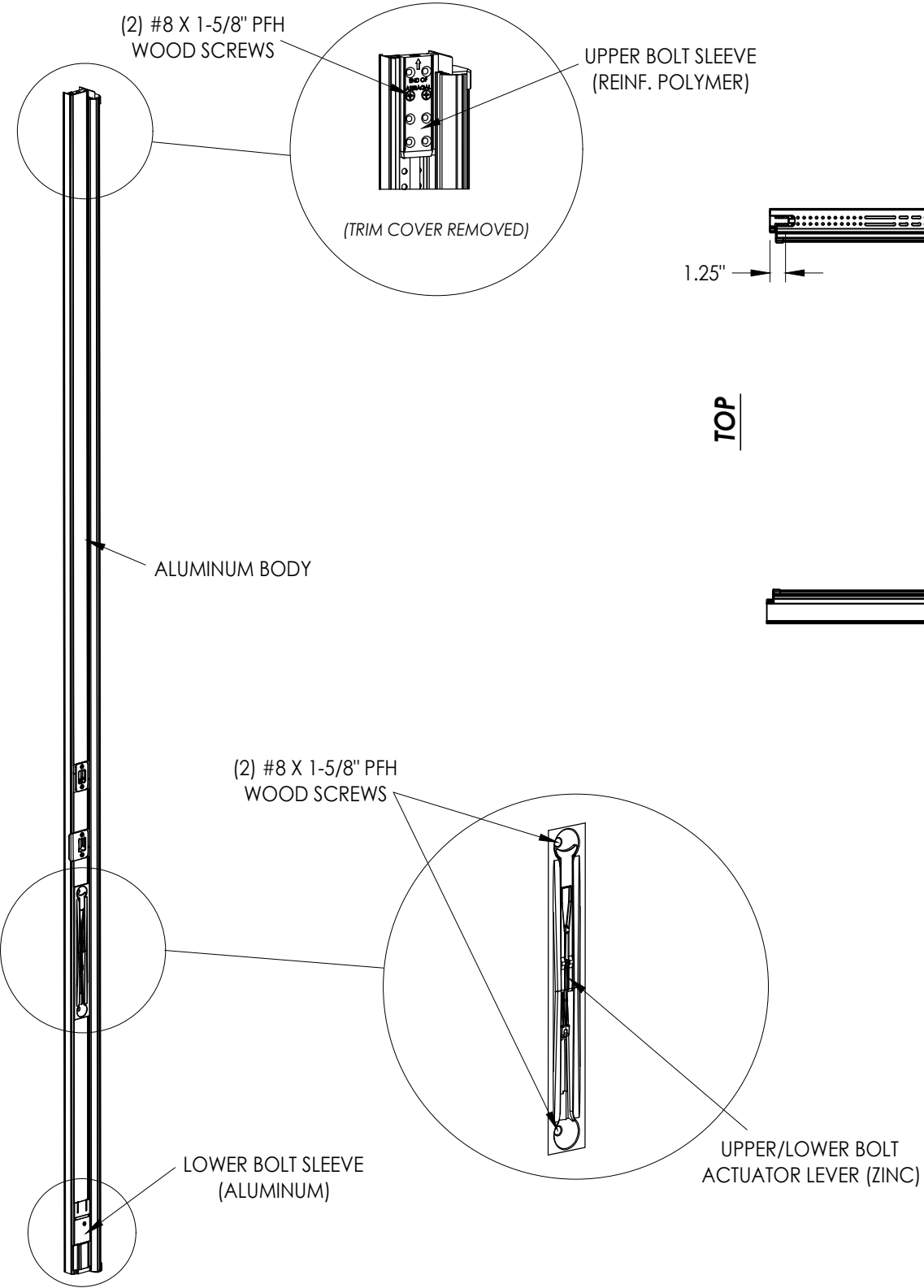
CHK. BY: LFS

DRAWING NO.: FL-14823.18

SHEET 1 OF 6

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

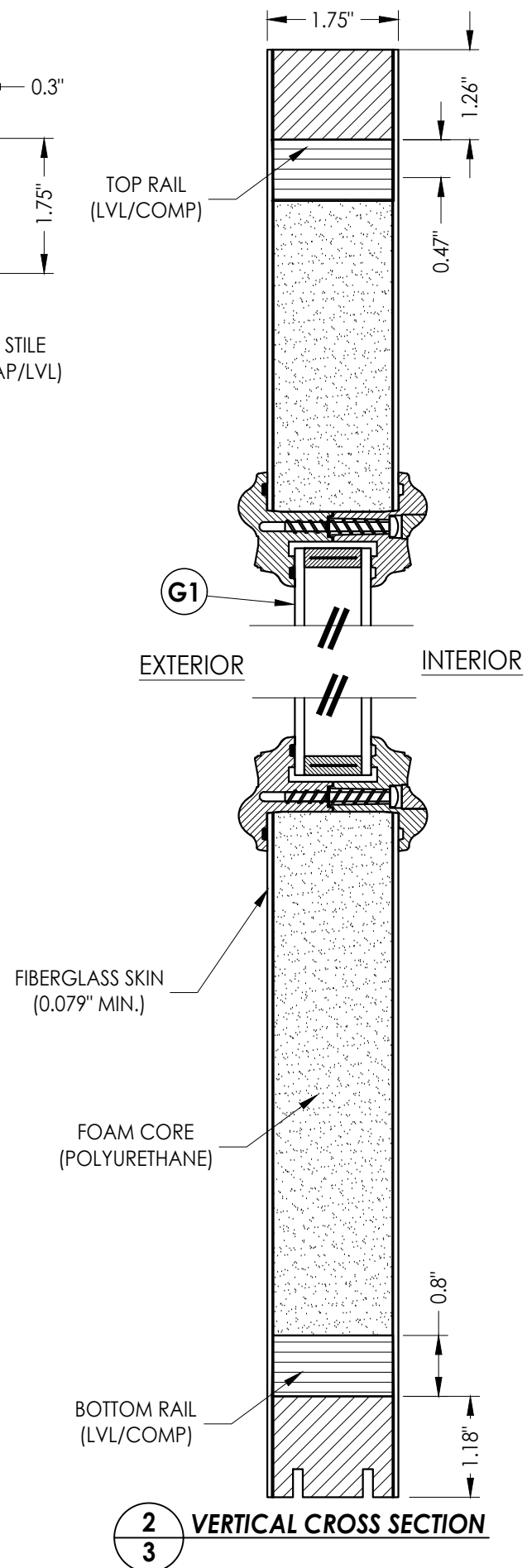
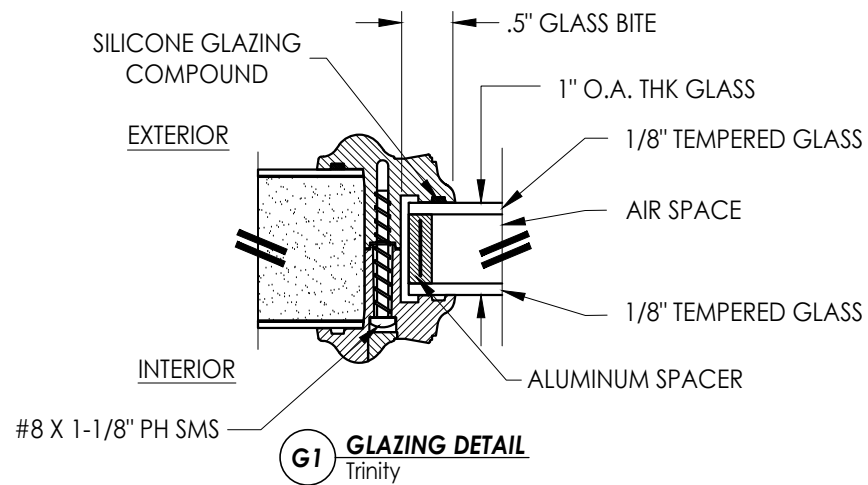
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ULTIMATE FLIP LEVER ASTRAGAL

ASTRAGAL SECTIONS

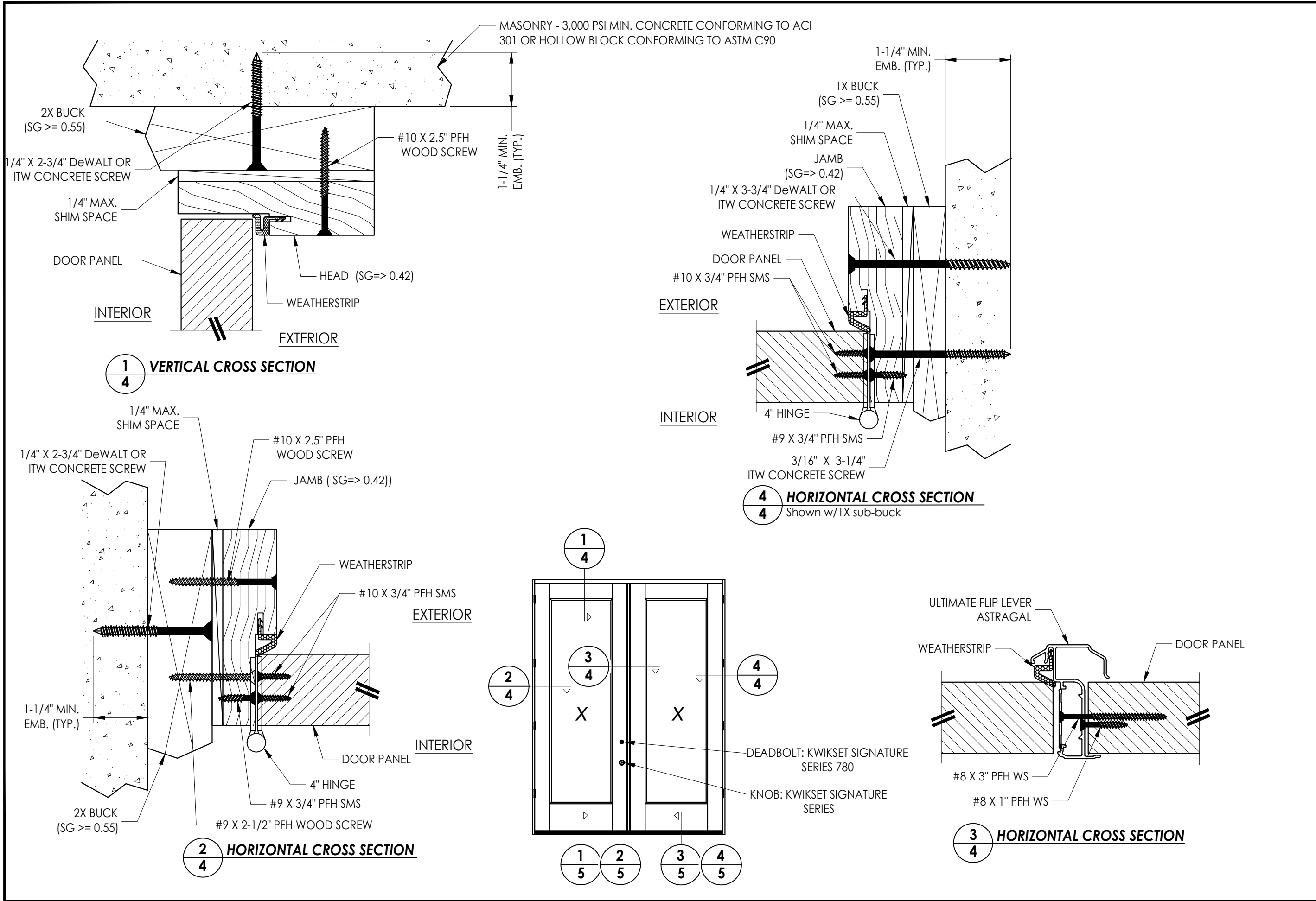
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		PRODUCT: ENDURA		PART OR ASSEMBLY: ASTRAGAL DETAILS	
DATE: 8/30/11		NO.		DATE	
SCALE: N.T.S.		NO.		DATE	
DWG. BY: JK		NO.		DATE	
CHK. BY: LFS		NO.		DATE	
DRAWING NO.: FL-14823.18		NO.		DATE	
SHEET 2 OF 6		NO.		DATE	
R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		REVISIONS			



LFS					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			
BY					NO.	DATE				
										REVISIONS
DATE: 8/30/11										
SCALE: N.T.S.										
DWG. BY: JK										
CHK. BY: LFS										
DRAWING NO.: FL-14823.18										
SHEET		3	OF		6					

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

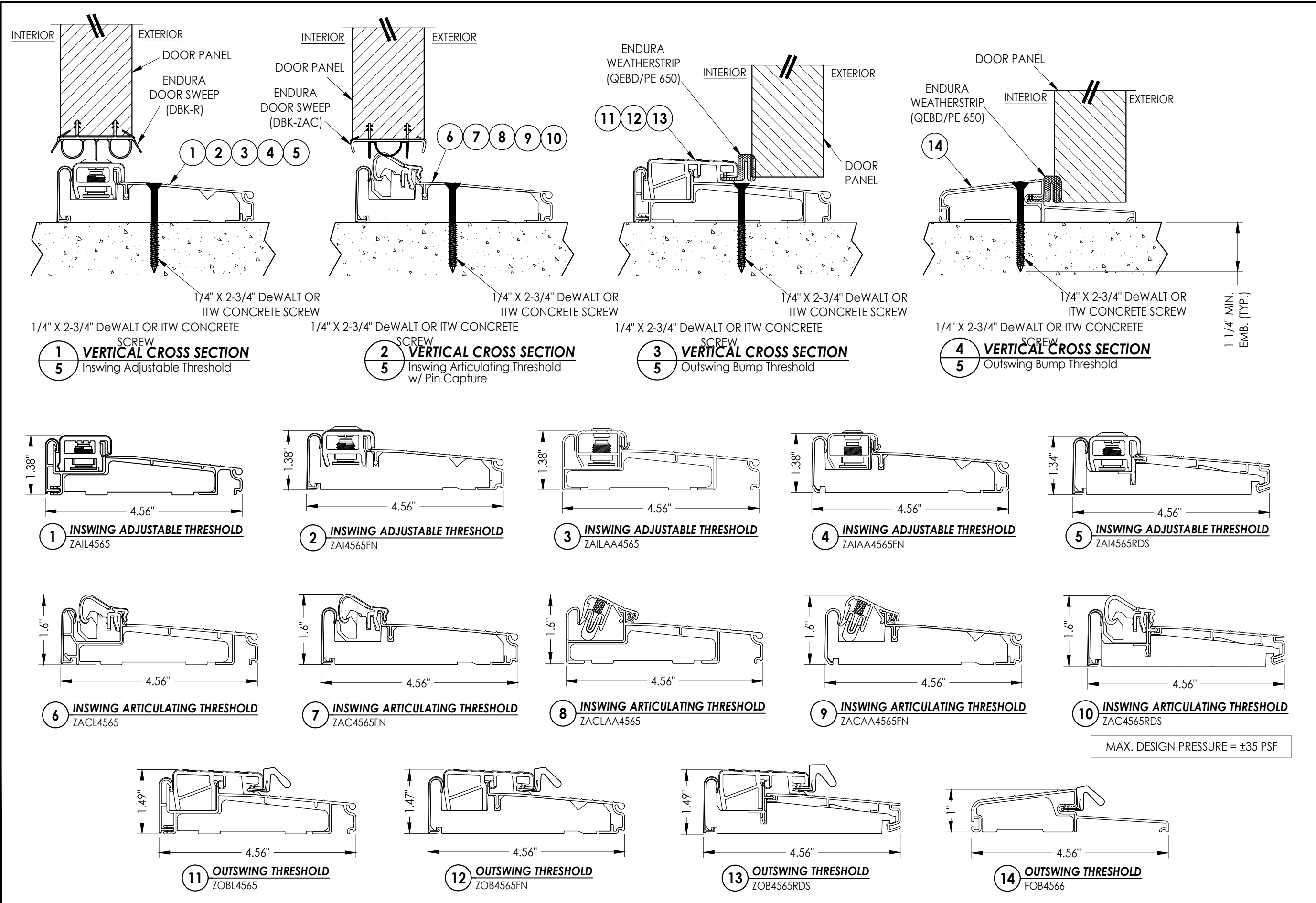


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CHK. BY: LFS					
DRAWING NO.: FL-14823.18					
SHEET	4	OF	6		

	NO.	DATE	REVISIONS		
	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
				BY	

PRODUCT: ENDURA	PART OR ASSEMBLY: HORIZONTAL AND VERTICAL CROSS SECTIONS		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

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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: THRESHOLD DETAILS	
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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-14823.18			
SHEET 5 OF 6			

