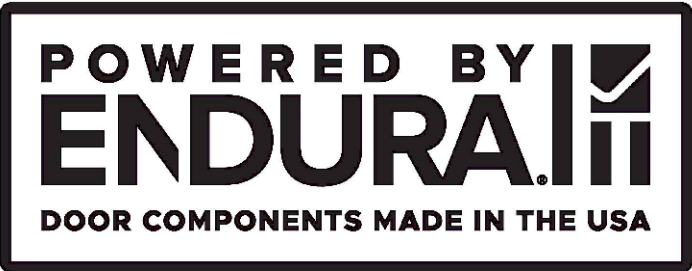


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Ultimate Push Button Astragal

INSWING / OUTSWING

"NON-IMPACT"

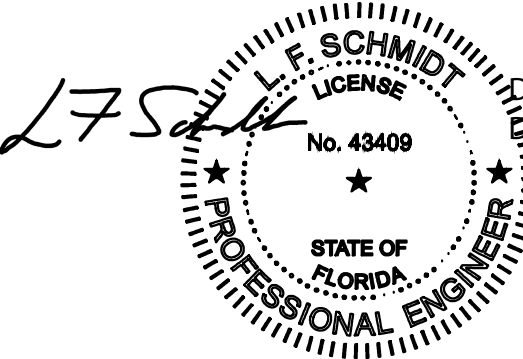
GENERAL NOTES

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. 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.
3. This product has been tested in the door panels as specified in this approval. Substitution into a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the steel or fiberglass double door system used must possess a comparable current Florida Statewide product approval. The door panel size and design pressure (DP) rating shall not exceed the sizes and DP ratings shown in this approval or the side hinged swing double door approval being used.
4. 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 Sections, Design Pressures & General Notes
2	Astragal Details
3	Door Panel Details
4	Horizontal & Vertical Cross Sections

Ultimate Push Button Astragal

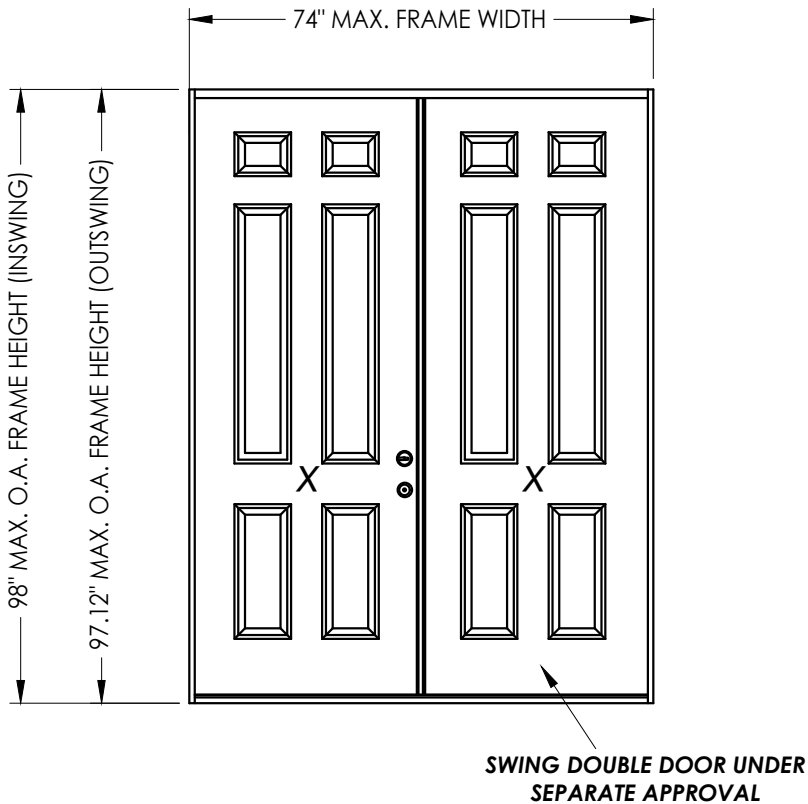




Digitally signed by Lyndon F Schmidt
Date: 2023.07.12 10:29:16 -04'00'

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



MAX FRAME DIMENSION	DOOR MATERIAL	DESIGN PRESSURE (PSF)			
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
74" x 98"	OPAQUE FIBERGLASS	+45.0	-50.0	+45.0	-45.0
74" x 98"	GLAZED FIBERGLASS	+35.0	-40.0	+35.0	-35.0
74" x 98"	OPAQUE STEEL (WOOD EDGE)	+40.0	-45.0	+40.0	-40.0
74" x 98"	GLAZED STEEL (WOOD EDGE)	+40.0	-40.0	+40.0	-40.0

PRODUCT: ENDURA

PART OR ASSEMBLY: TYPICAL SECTIONS, DESIGN PRESSURES & GENERAL NOTES

DATE	4/09/18
SCALE	N.T.S.
DWG. BY	JK
CHK. BY	LFS
DRAWING NO.	FL-25610.4
SHEET	1 OF 4

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

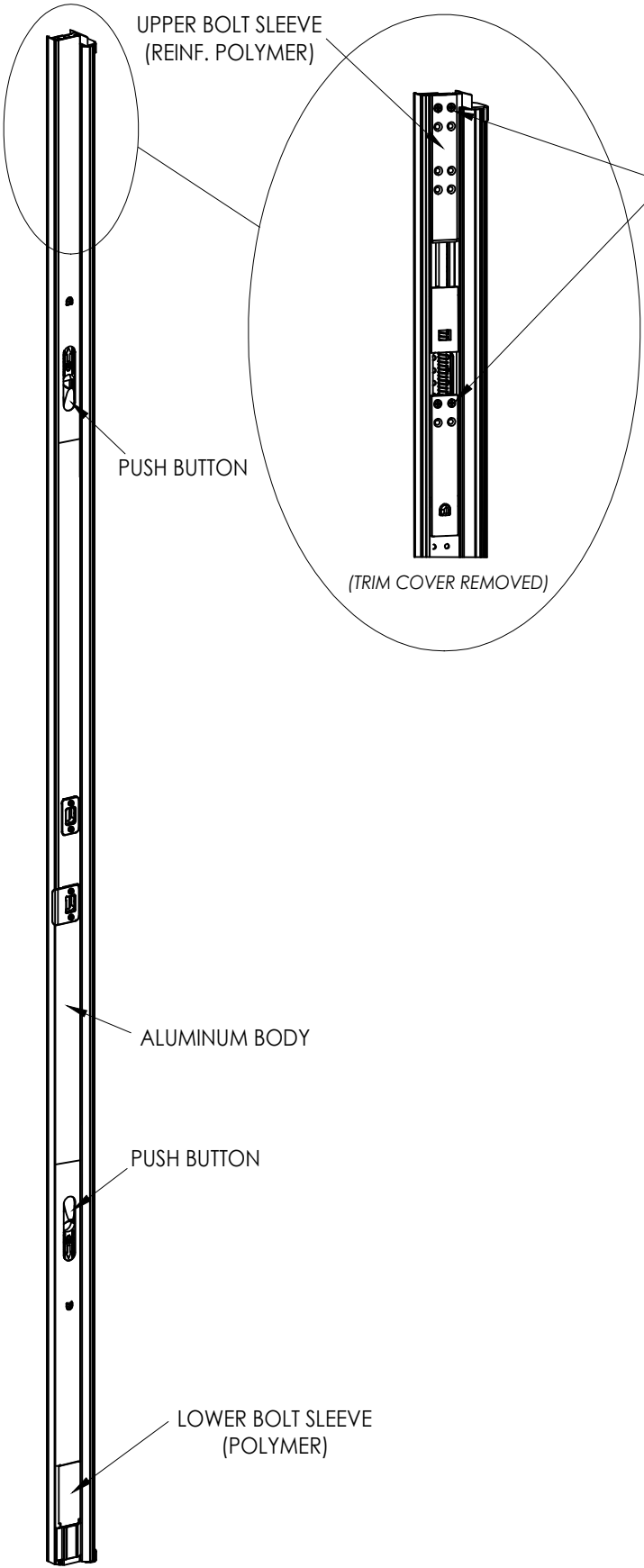


BUILDING CONSULTANTS, INC.

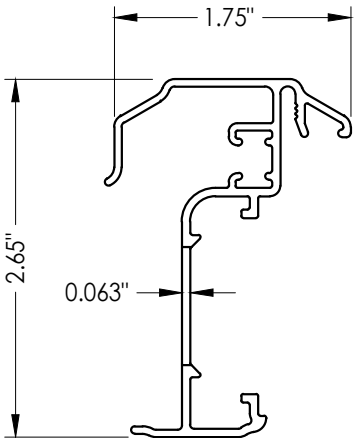
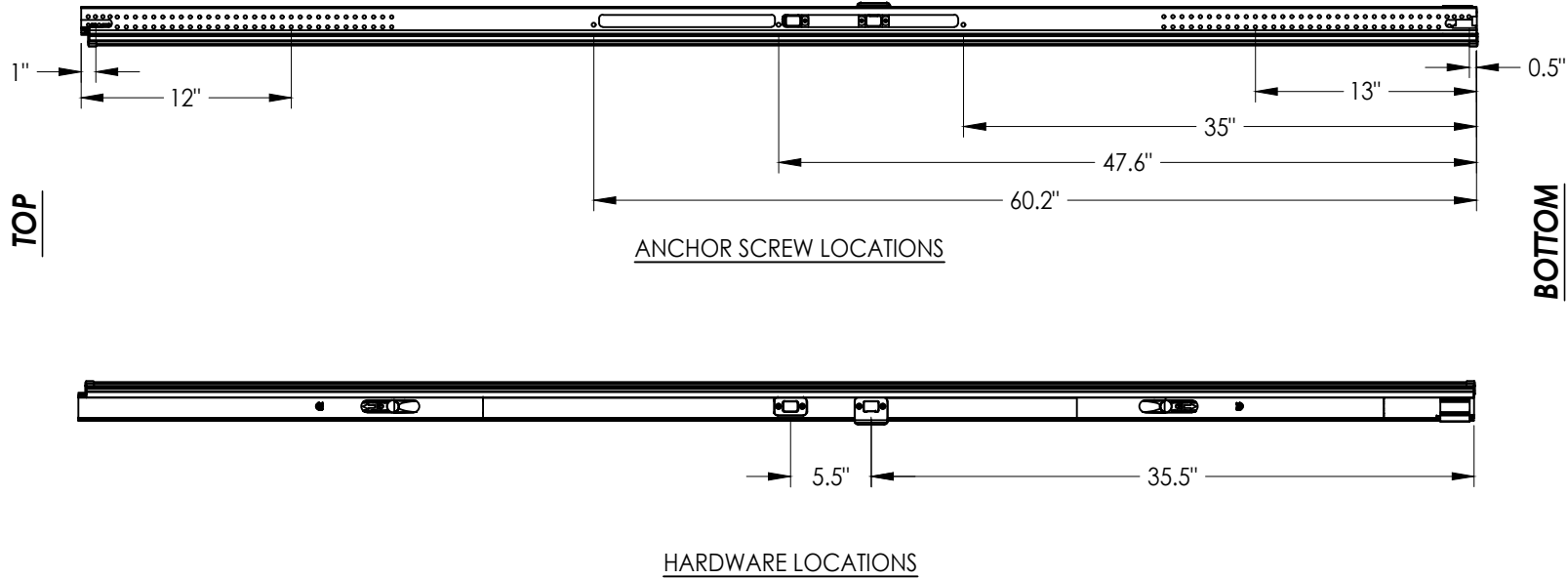
P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

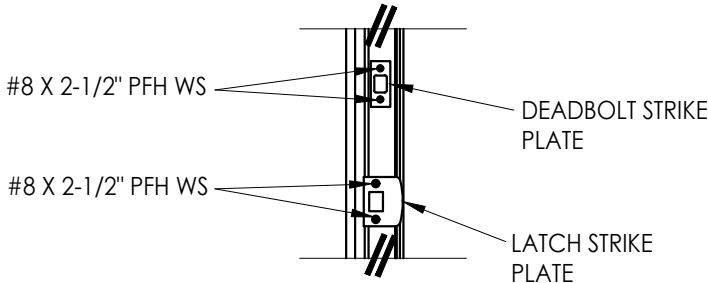
FBPE Registry No. 9813



ULTIMATE PUSH BUTTON ASTRAGAL



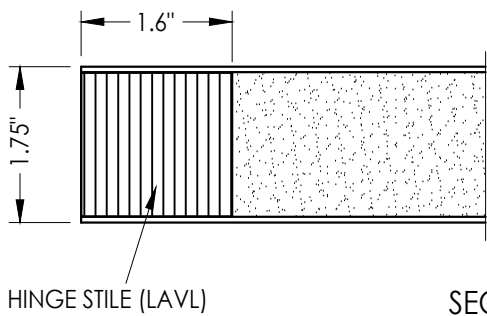
ASTRAGAL SECTION



LATCH & DEADBOLT DETAIL

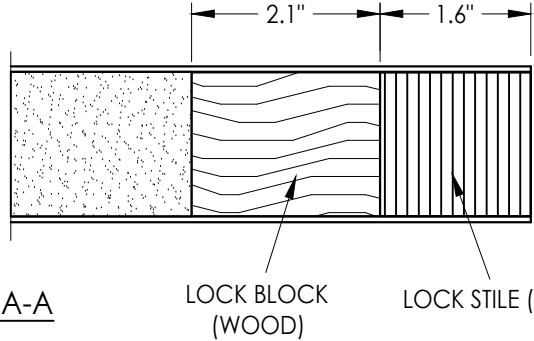
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				RWBUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: ENDURA				PART OR ASSEMBLY: ASTRAGAL DETAILS			
				LFS	FBC	LFS	BY
				2	7/06/23	UPDATE TO 8TH ED. (2023)	
				1	8/03/20	UPDATE TO 7TH ED. (2020)	
				NO.	DATE		
				REVISIONS			
DATE: 4/09/18							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-25610.4							
SHEET 2 OF 4							

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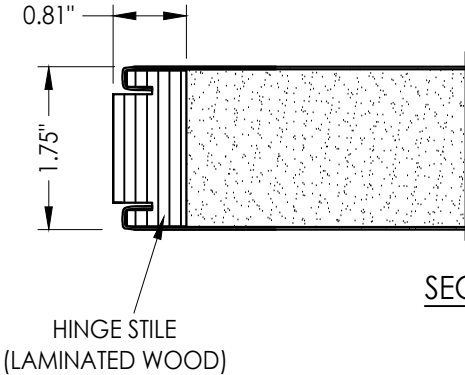
HINGE STILE (LAVL)

SECTION A-A



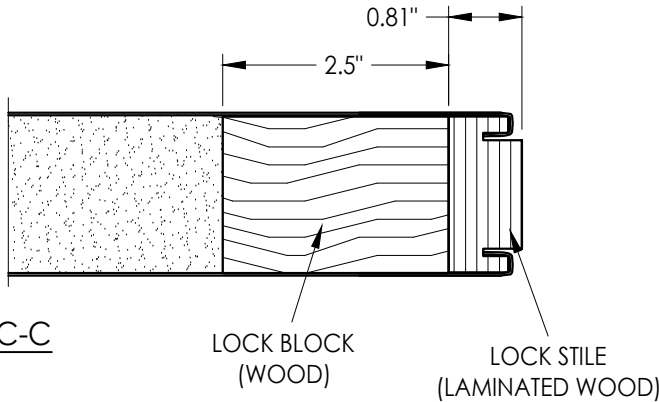
LOCK BLOCK
(WOOD)

LOCK STILE (LVL)



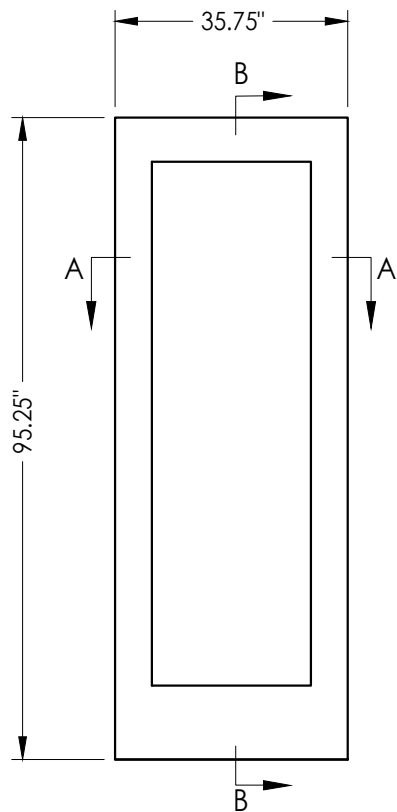
HINGE STILE
(LAMINATED WOOD)

SECTION C-C



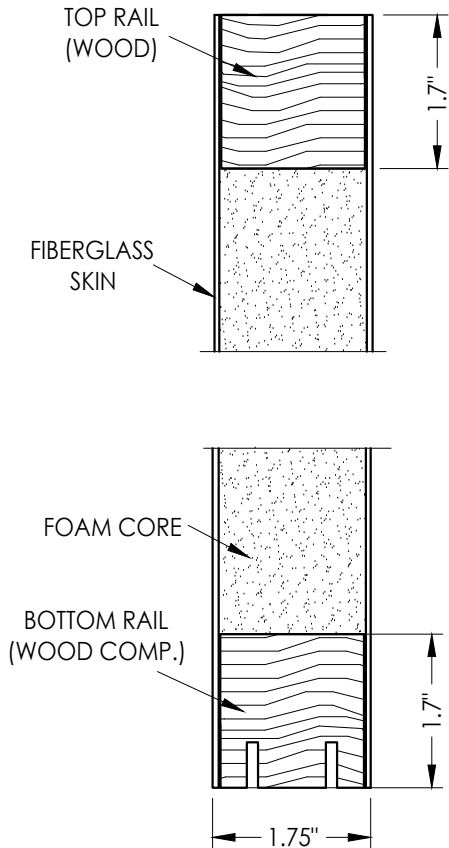
LOCK BLOCK
(WOOD)

LOCK STILE
(LAMINATED WOOD)

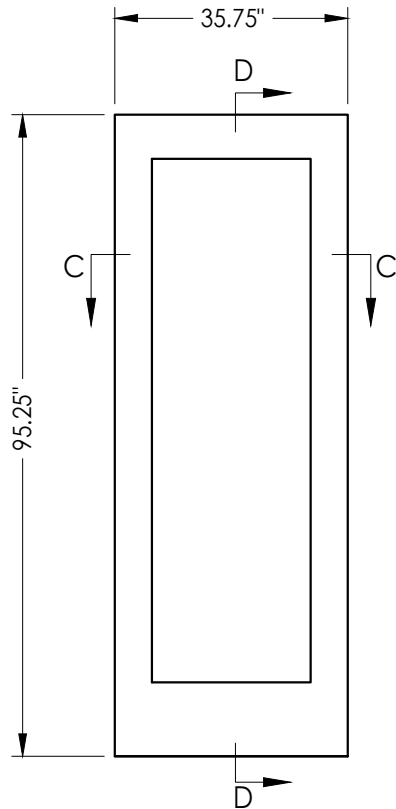


FIBERGLASS DOOR PANEL
Masonite 8' 0"
Opaque/Glazed

FIBERGLASS SKIN: 0.075" MIN. THK.
FOAM CORE: POLYURETHANE

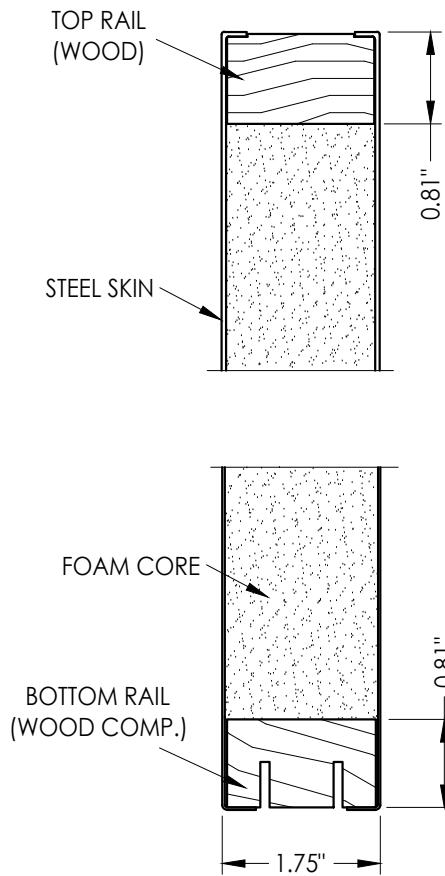


SECTION B-B



STEEL DOOR PANEL
Masonite 8' 0"
Opaque/Glazed

STEEL SKIN: 25 GA. (0.020" MIN. THK.)
FOAM CORE: POLYURETHANE



SECTION D-D

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

NO.	DATE	REVISIONS	BY
2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
1	8/03/20	UPDATE TO 7TH ED. (2020)	FBC

DATE: 4/09/18

SCALE: N.T.S.

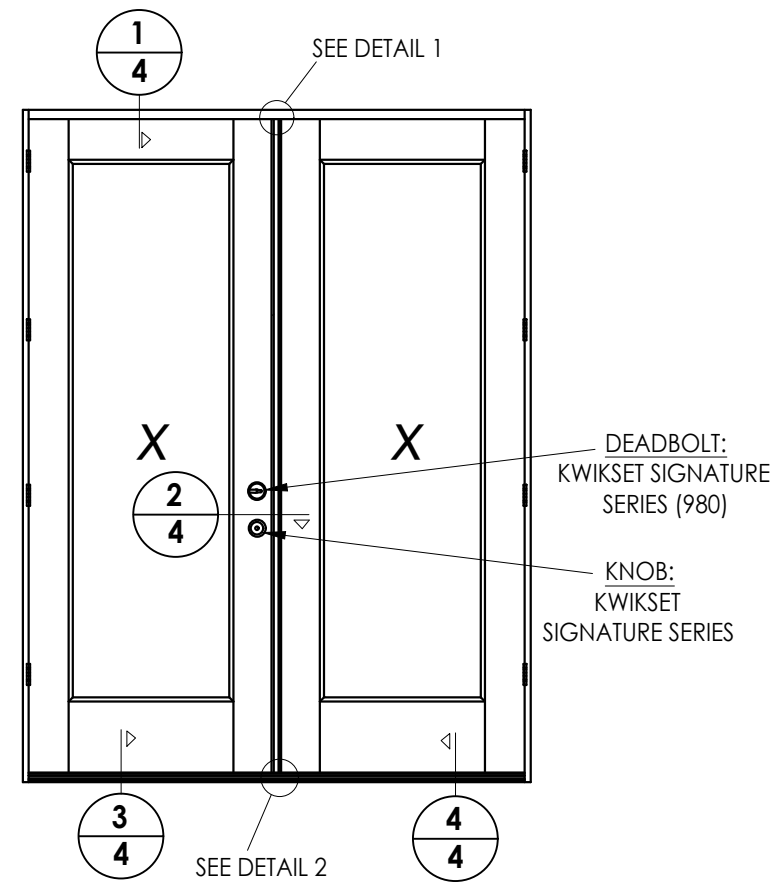
DWG. BY: JK

CHK. BY: LFS

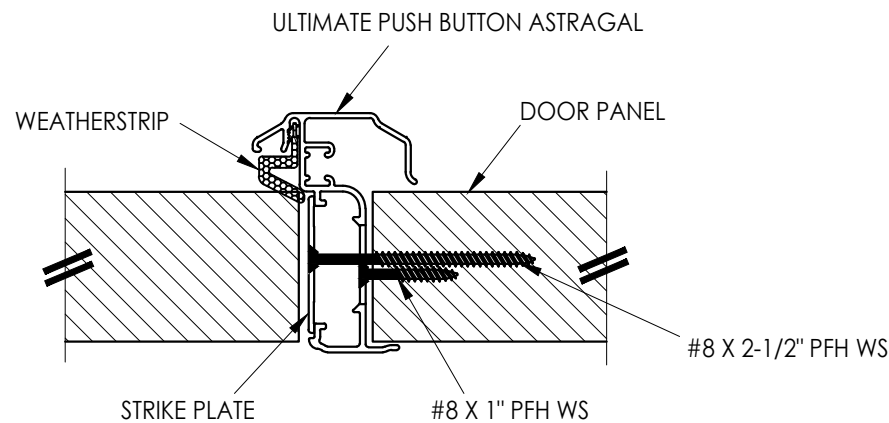
DRAWING NO.:
FL-25610.4

SHEET 3 OF 4

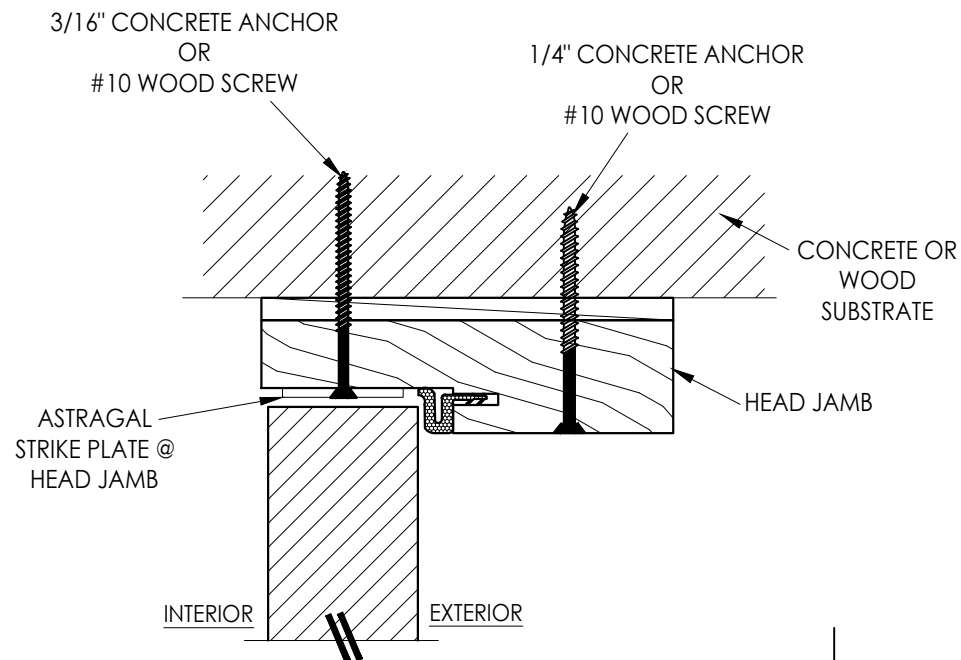
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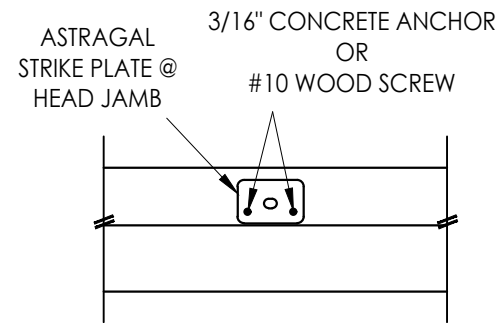
NOTE:
FOR ALL ANCHORS SHOWN, REFER TO THE CORRESPONDING FLORIDA PRODUCT APPROVAL FOR ALL REQUIRED ANCHORING, INCLUDING MINIMUM ANCHOR SIZES, EMBEDMENT, EDGE DISTANCE & SPACING LIMITATIONS. THE ANCHORS SHOWN ON THIS SHEET ARE THE MINIMUM SIZES ALLOWED.



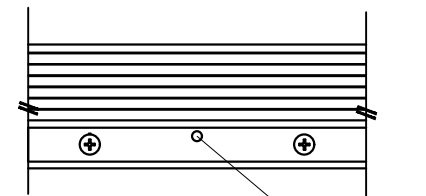
2/4 HORIZONTAL CROSS SECTION



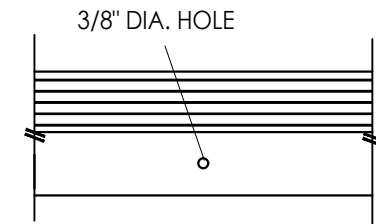
1/4 VERTICAL CROSS SECTION
Inswing Shown (Outswing Similar)



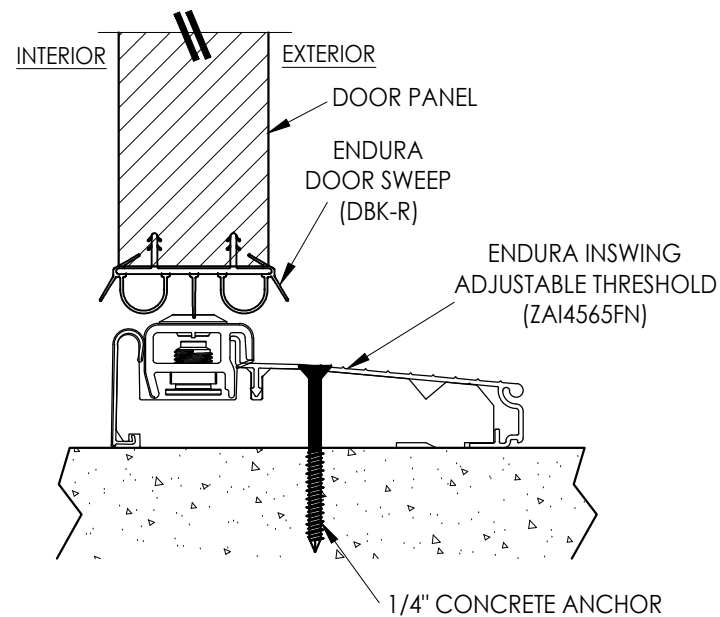
DETAIL 1



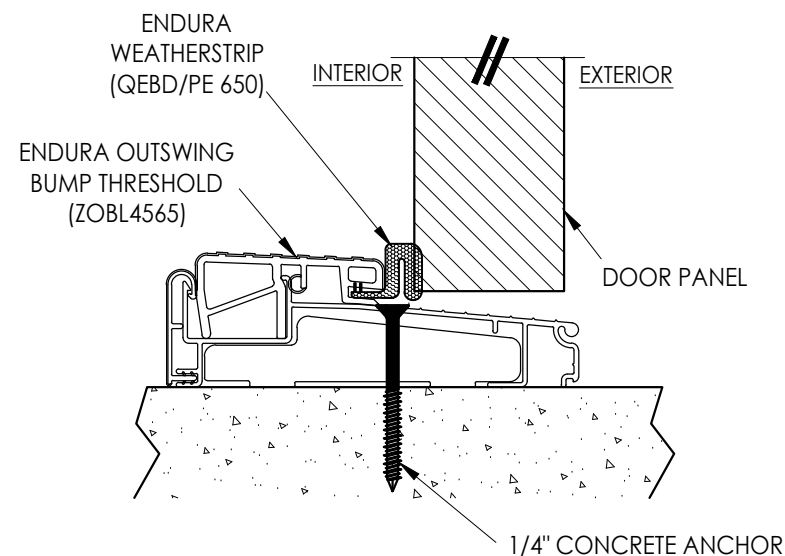
DETAIL 2
Inswing



DETAIL 2
Outswing



3/4 VERTICAL CROSS SECTION
Inswing Adjustable Threshold



4/4 VERTICAL CROSS SECTION
Outswing Bump Threshold

Documents Prepared By:
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P.E. No. 43409

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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:
HORIZONTAL & VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/03/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 4/09/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-25610.4

SHEET 4 OF 4