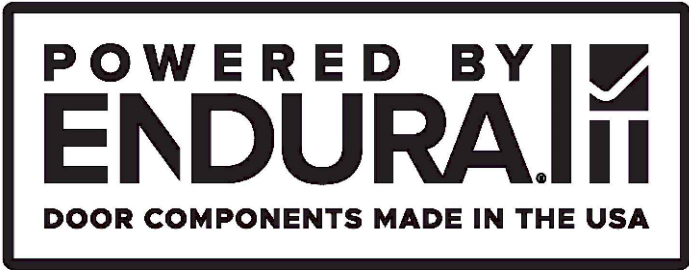


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Ultimate Slide Bolt Astragal

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.

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.

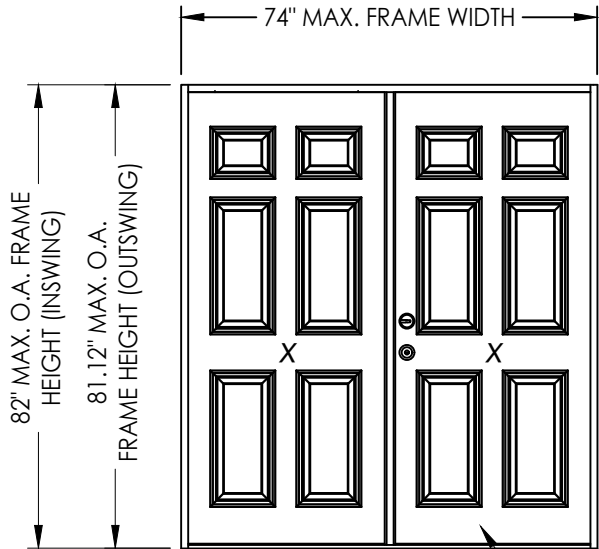
Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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SHEET #	DESCRIPTION
1	Typical Sections, Design Pressures & General Notes
2	Astragal Details
3	Door Panel Details
4	Door Panel Details
5	Horizontal & Vertical Cross Sections

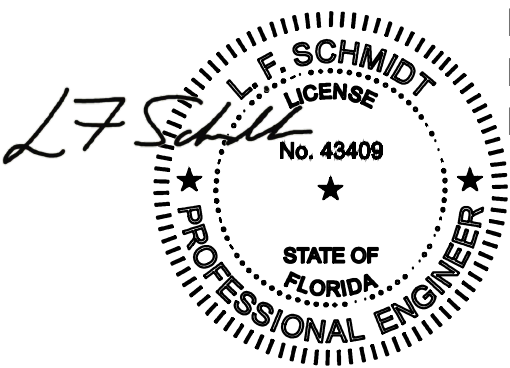
Ultimate Slide Bolt Astragal



MAX FRAME DIMENSION	DOOR MATERIAL	DESIGN PRESSURE (PSF)			
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
74" x 82"	OPAQUE FIBERGLASS	+50.0	-55.0	+50.0	-50.0
74" x 82"	GLAZED FIBERGLASS	+50.0	-50.0	+50.0	-50.0
74" x 82"	OPAQUE STEEL (WOOD EDGE)	+50.0	-55.0	+50.0	-50.0
74" x 82"	GLAZED STEEL (WOOD EDGE)	+50.0	-50.0	+50.0	-50.0



SWING DOUBLE DOOR UNDER
SEPARATE APPROVAL



Digitally signed by
Lyndon F Schmidt
Date: 2026.07.17
11:29:39 -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 SECTIONS, DESIGN
PRESSURES & GENERAL NOTES

3

7/02/26

UPDATE TO 9TH ED. (2026)

FBC

LFS

2

7/06/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

1

8/03/20

UPDATE TO 7TH ED. (2020)

FBC

LFS

NO.

DATE

REVISIONS

DATE: 8/01/18

SCALE: N.T.S.

DWG. BY: JK

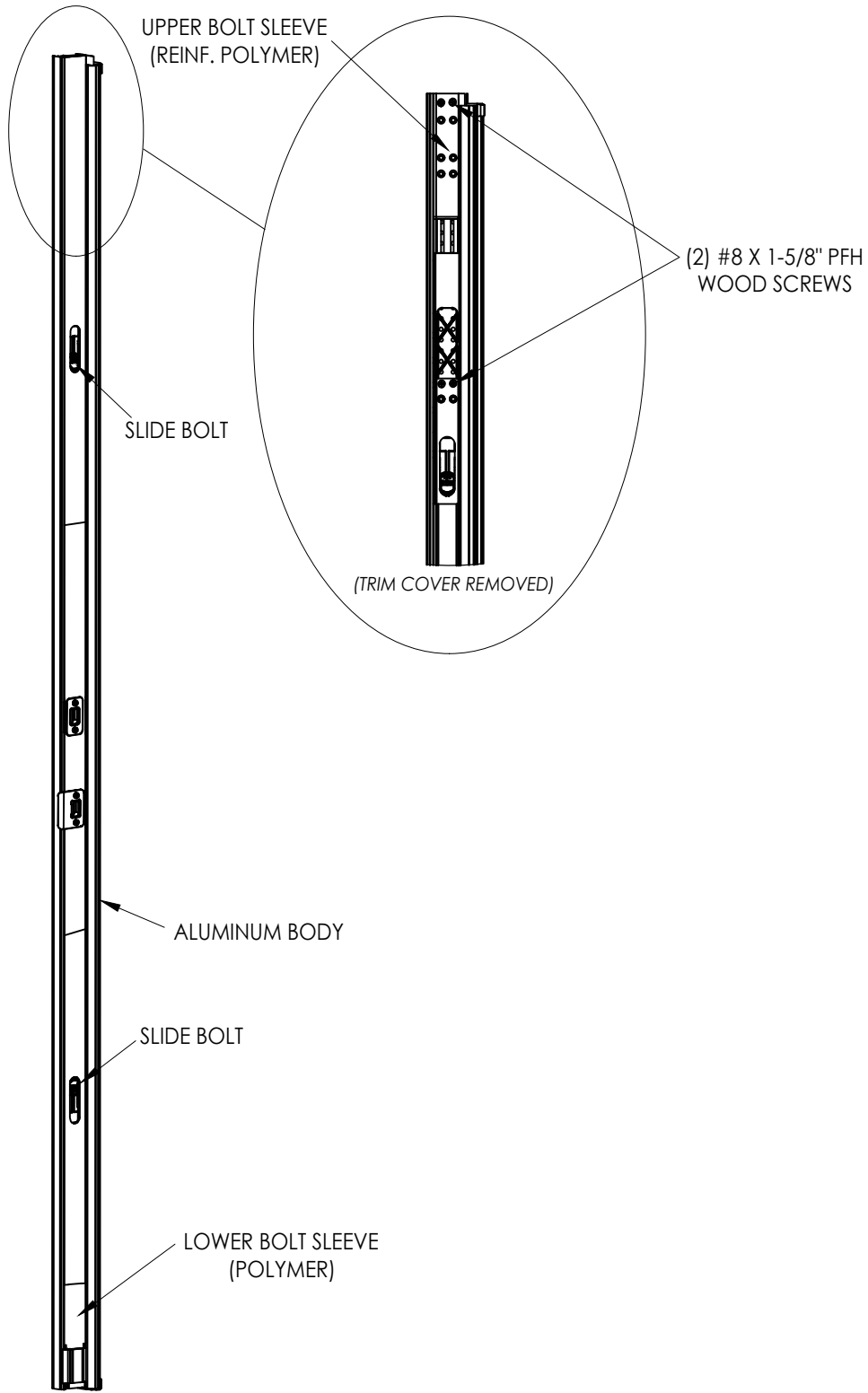
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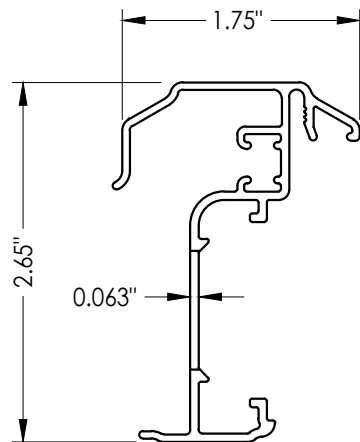
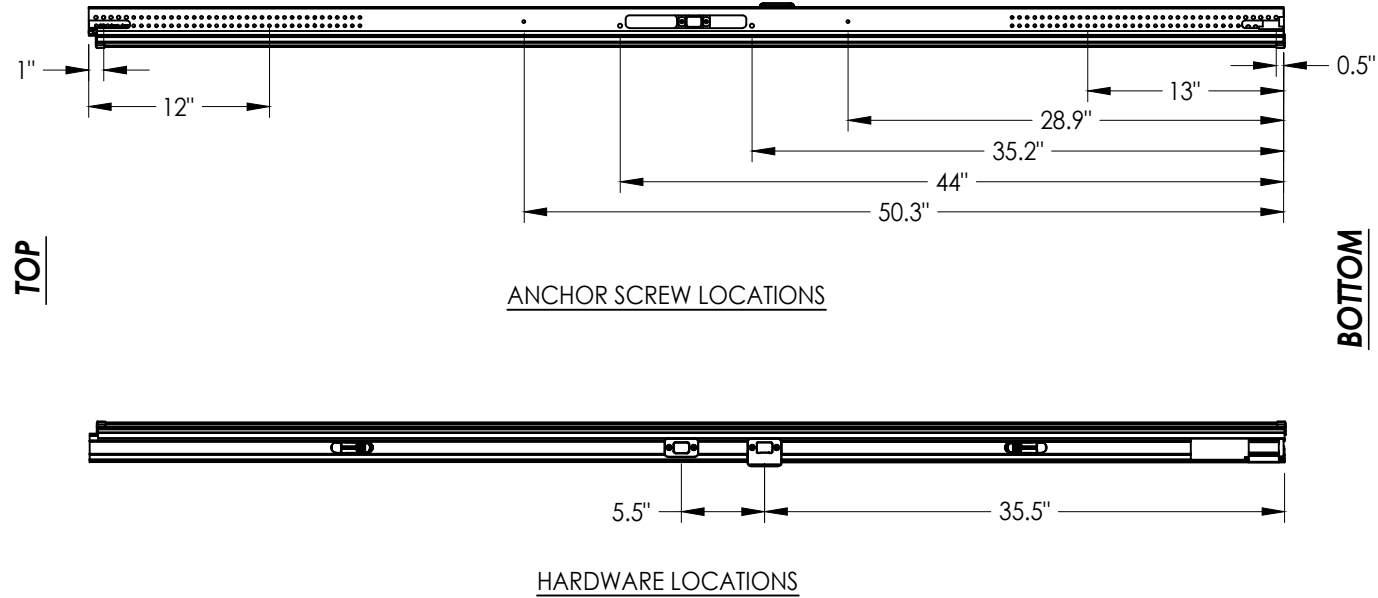
SHEET 1 OF 5

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Phone No.: 813.659.9197
FBPE Registry No. 9813

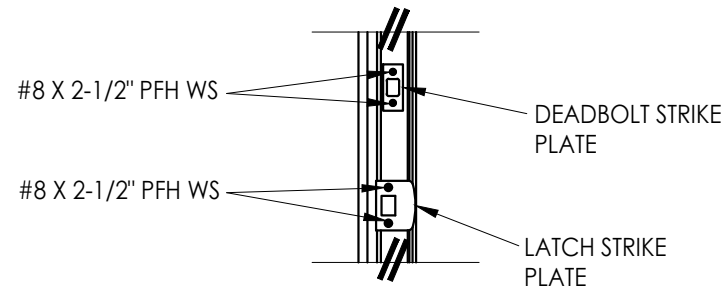
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ULTIMATE SLIDE BOLT ASTRAGAL



ASTRAGAL SECTION



LATCH & DEADBOLT DETAIL

NO.		DATE	REVISIONS		
3	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	8/03/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
			BY		

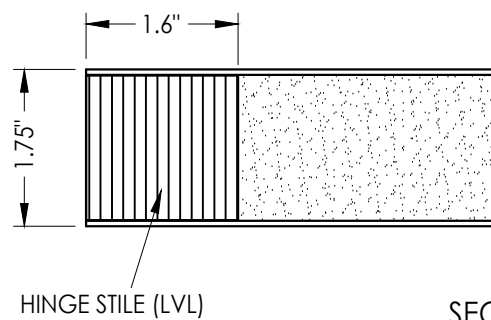
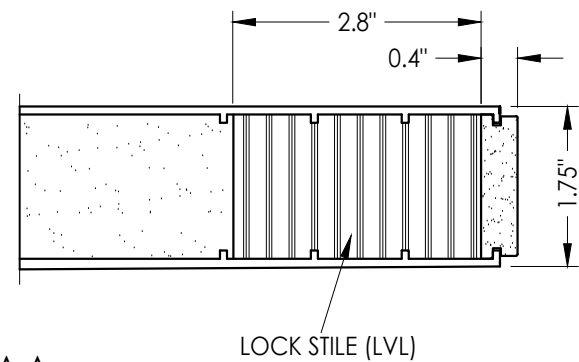
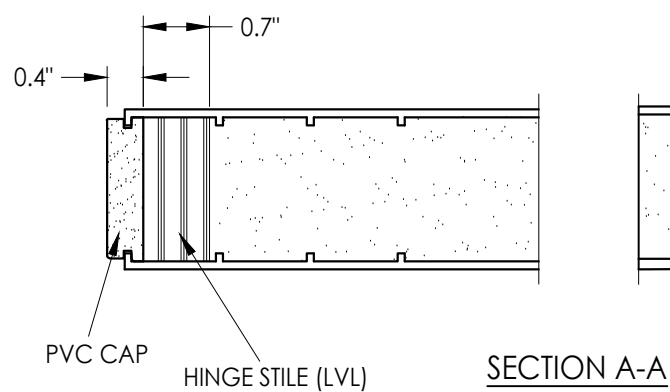
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SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-25610.5
SHEET	2 of 5

PRODUCT:	ENDURA
PART OR ASSEMBLY:	ASTRAGAL DETAILS

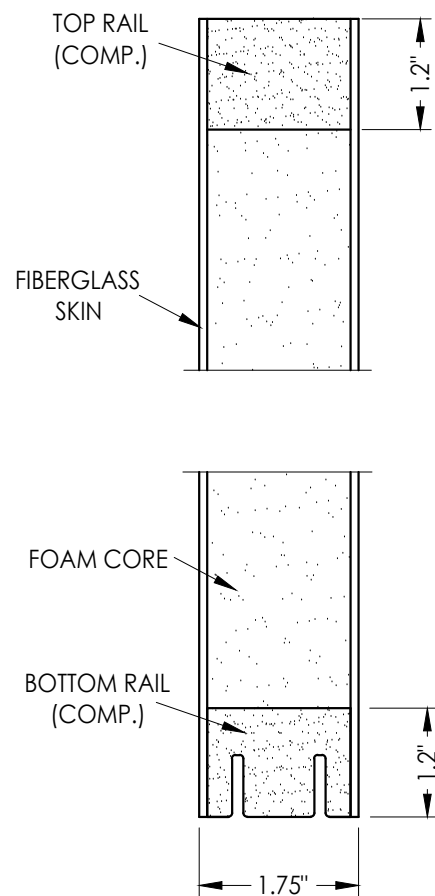
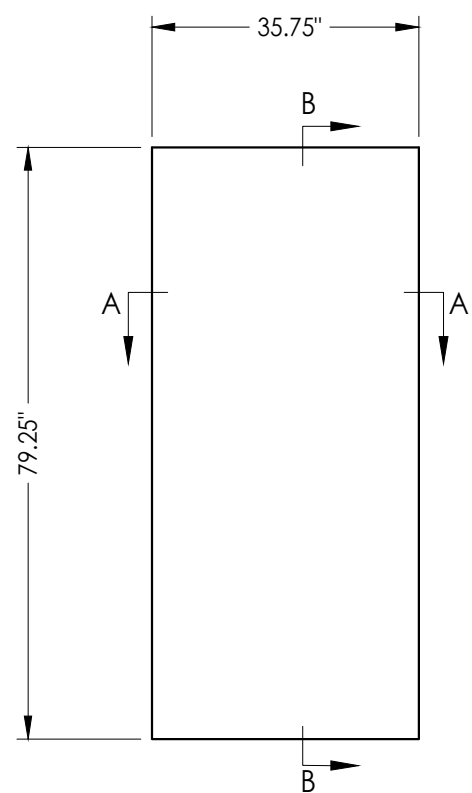
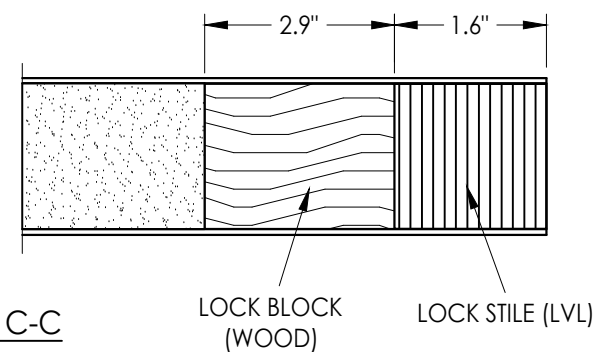
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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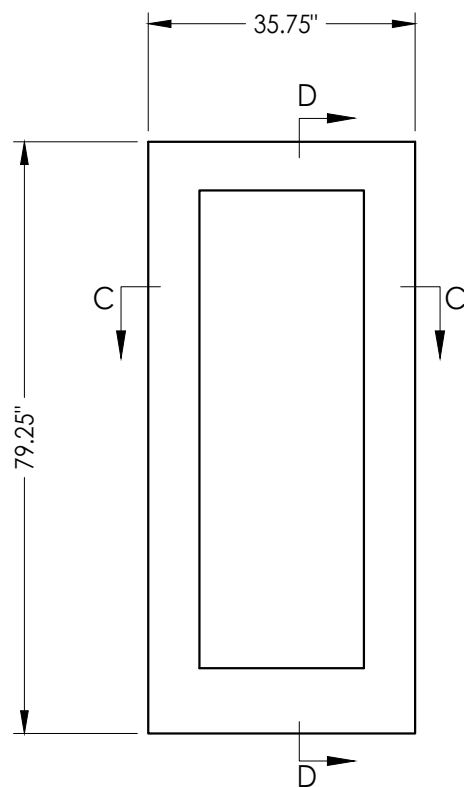
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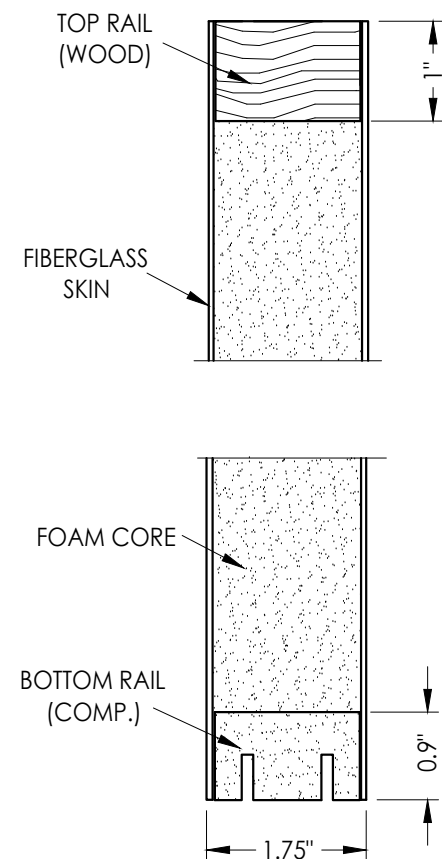
SECTION C-C



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



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



Documents Prepared By:
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P.E. No. 43409

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PRODUCT: ENDURA

PART OR ASSEMBLY:
DOOR PANEL
DETAILS

NO.	DATE	REVISIONS
3	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/03/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 8/01/18

SCALE: N.T.S.

DWG. BY: JK

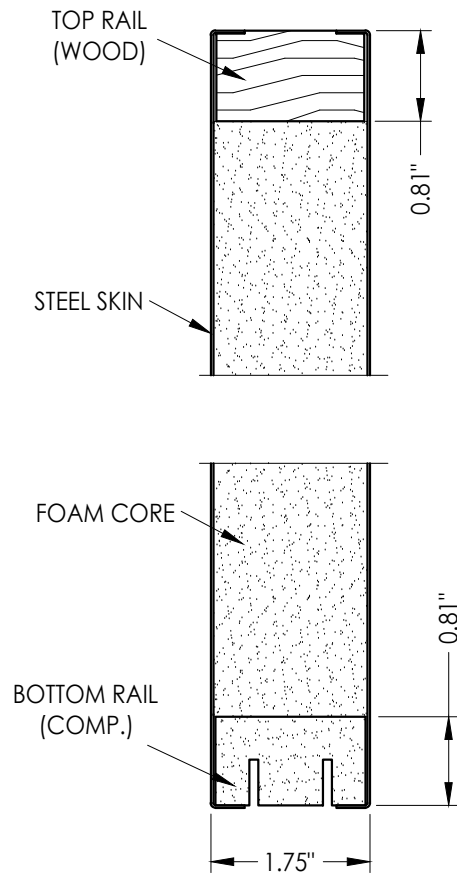
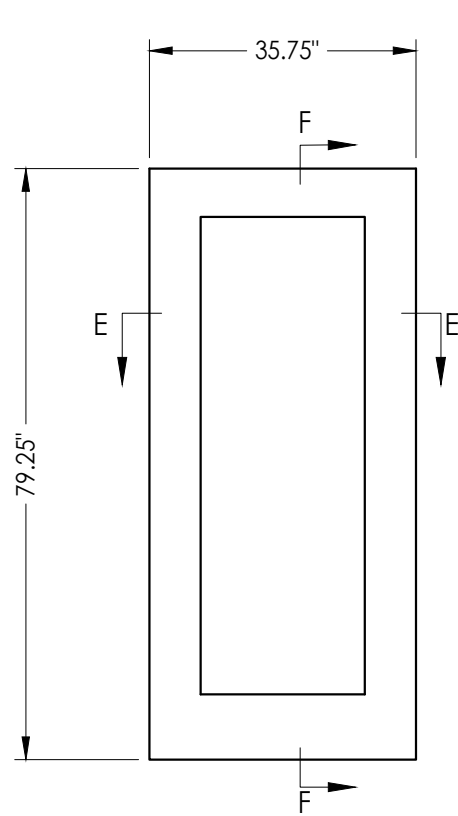
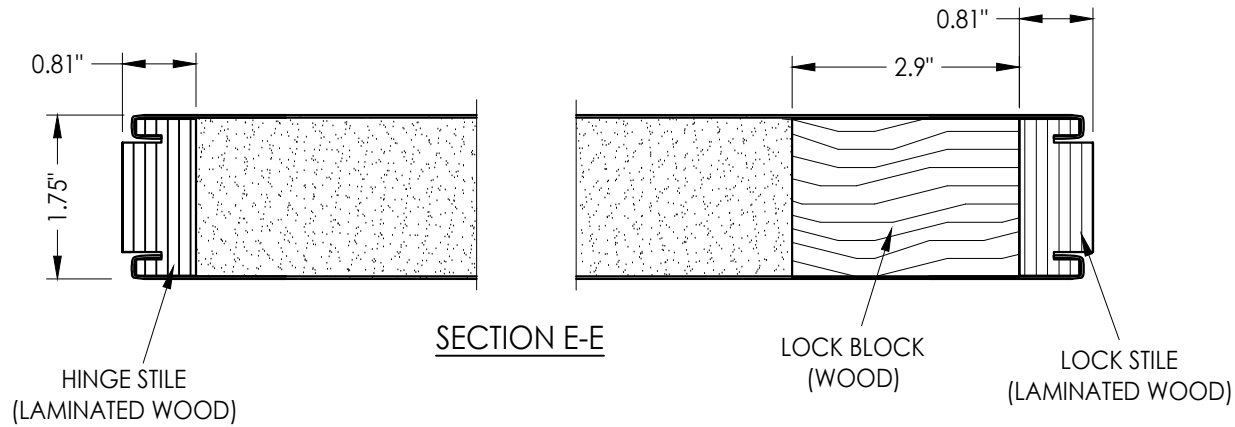
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DRAWING NO.:

FL-25610.5

SHEET 3 OF 5

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

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PRODUCT:		ENDURA		PART OR ASSEMBLY: DOOR PANEL DETAILS			
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				REVISIONS			
DATE: 8/01/18							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
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SHEET 4 OF 5							

