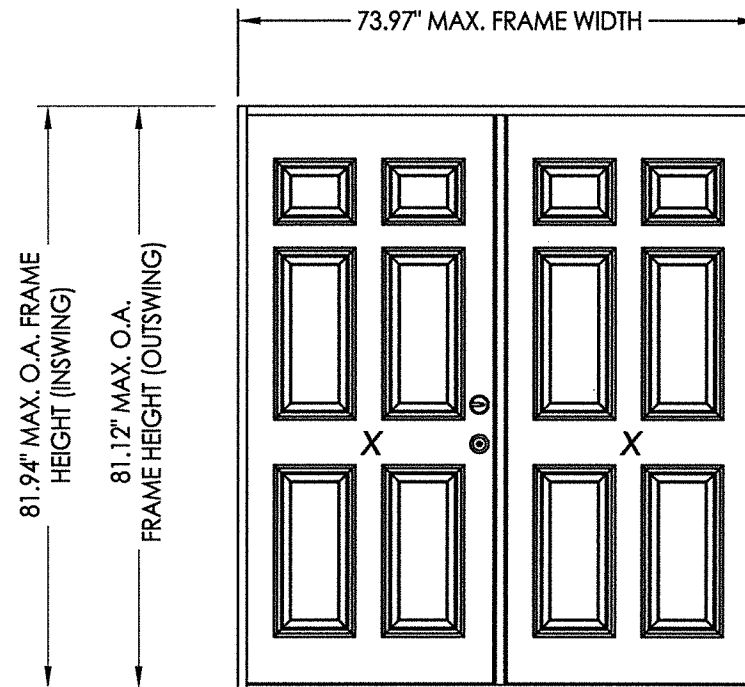


Ultimate Flip Lever Astragal in a Double Door INSWING / OUTSWING "IMPACT"



Ultimate Flip Lever Astragal



EVALUATED FOR USE IN THE STATE OF TEXAS

The Fiberglass Door system described herein complies with the 2018 International Residential Code (IRC), Sections R301 & R609 and the 2018 International Building Code (IBC), Sections 1404.13, 1609, 1709.5, 2403 and 2404 subject to the following conditions:

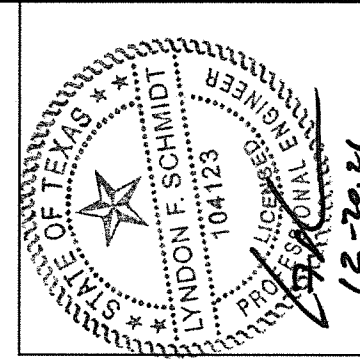
1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. This system has been tested and evaluated as a large missile impact protective system for installation in areas that require wind borne debris protection. This product meets missile level "D" as defined in ASTM E 1996.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	Typical Sections, Design Pressures & General Notes
2	Door Panel Details
3	Vertical Cross Sections
4	Horizontal Cross Sections
5	Frame Anchoring
6	Bill of Materials & Components

ULTIMATE FLIP LEVER ASTRAGAL by ENDURA				
	MAXIMUM FRAME SIZE	DESIGN PRESSURE RATING (PSF)		
		POSITIVE	NEGATIVE	
MASONITE Opaque (FIBERGLASS)	INSWING	73.97" X 81.94"	+70.0	-70.0
	OUTSWING	73.97" X 81.12"	+70.0	-70.0

SEE SHEET 6 FOR THRESHOLD DESIGN PRESSURE LIMITATIONS



Documents Prepared By: Lyndon F. Schmidt, P.E.
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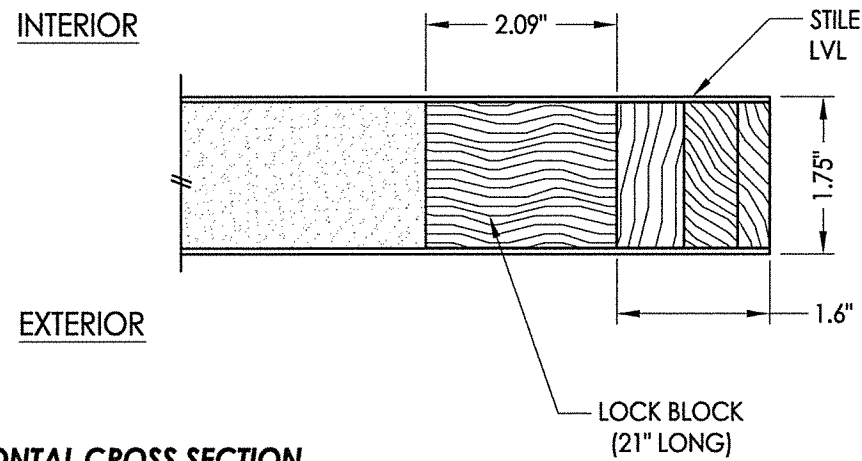
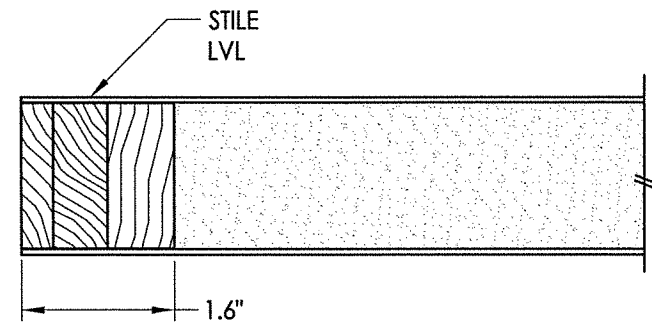
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PRODUCT: ENDURA

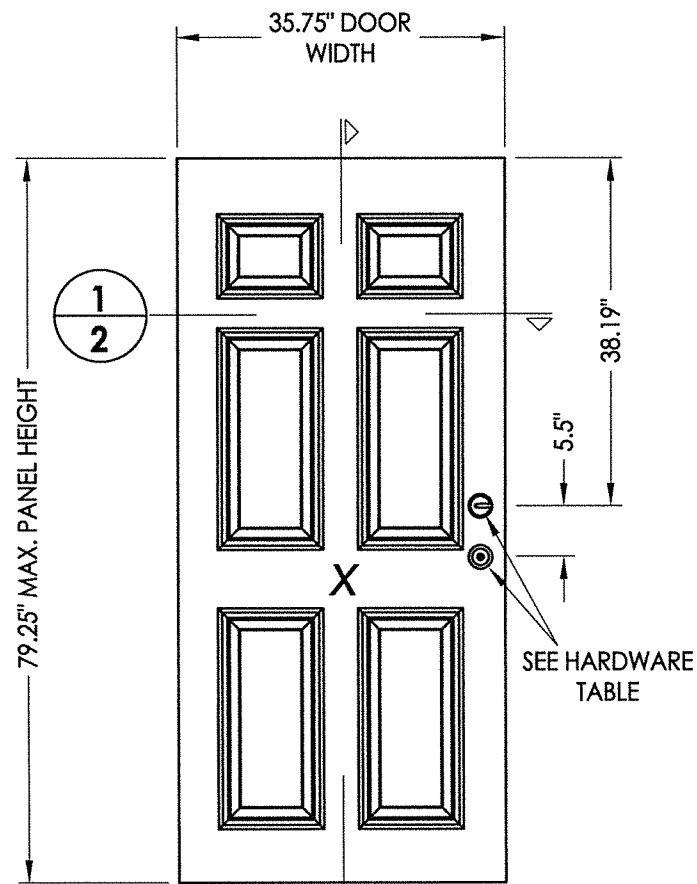
PART OR ASSEMBLY: TYPICAL SECTIONS, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 12/16/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: TX-5256
SHEET 1 OF 6

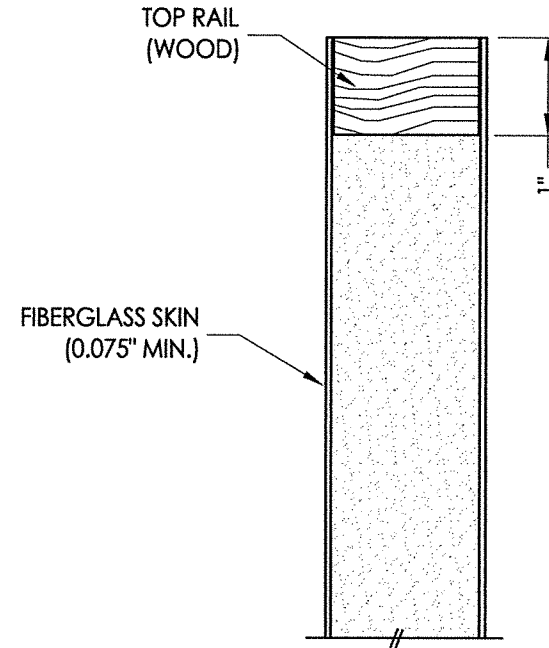


1
2 HORIZONTAL CROSS SECTION

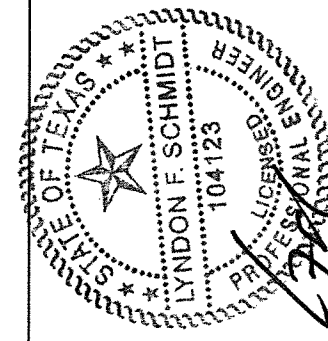
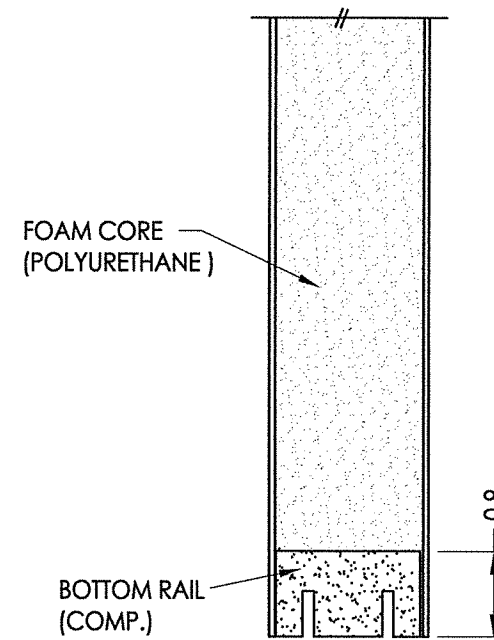


2
2
MASONITE
Opaque
(Fiberglass)

HARDWARE TABLE	
MANUFACTURER	MODEL
KWIKSET	KNOB: SIGNATURE SERIES (991) DEADBOLT: SIGNATURE SERIES (980/985)



2
2 VERTICAL CROSS SECTION



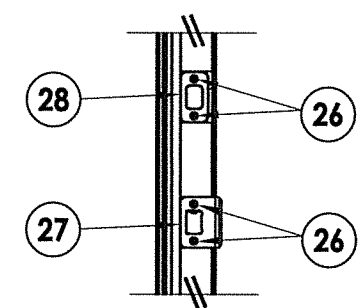
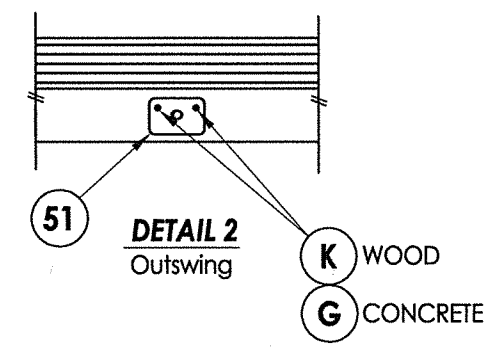
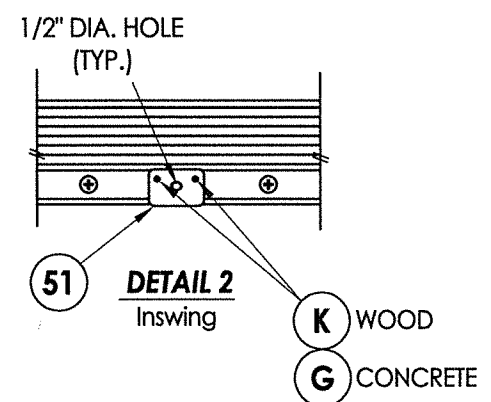
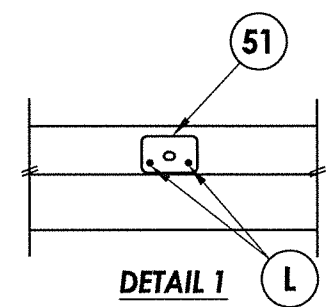
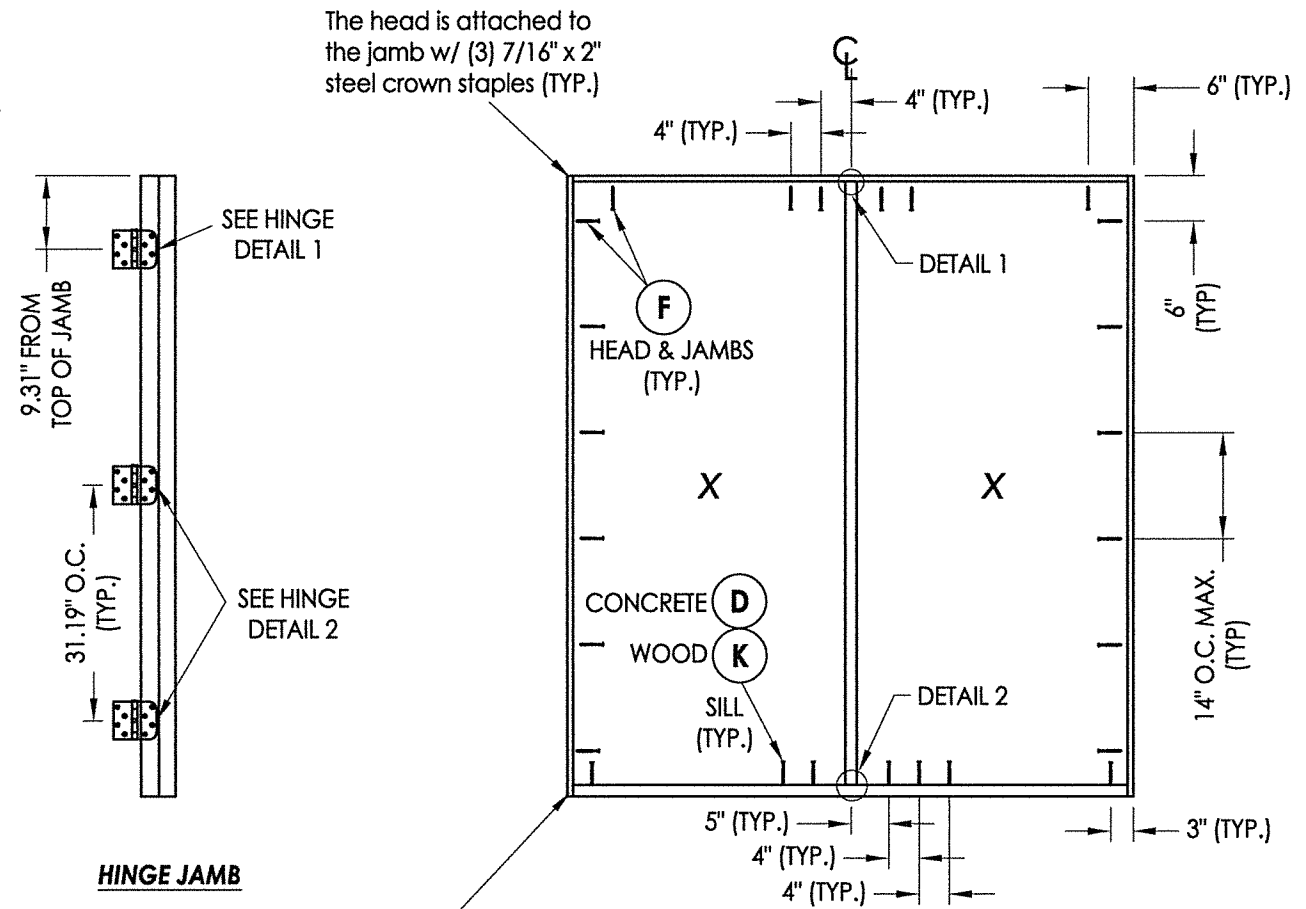
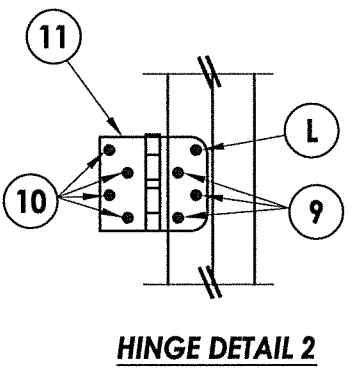
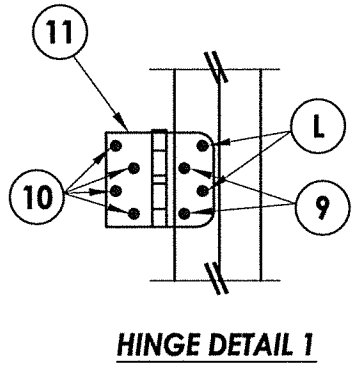
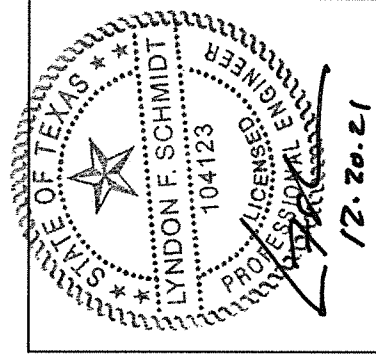
Documents Prepared By: Lyndon F. Schmidt, P.E.
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PRODUCT: ENDURA
PART OR ASSEMBLY: DOOR PANEL DETAILS

NO.	DATE	BY	REVISIONS

DATE: 12/16/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: TX-5256
SHEET 2 OF 6



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12.20.21

PRODUCT:	ENDURA	
PART OR ASSEMBLY:	FRAME ANCHORING	
NO.	DATE	BY
REVISIONS		
DATE:	12/16/21	
SCALE:	N.T.S.	
DWG. BY:	RW	
CHK. BY:	LFS	
DRAWING NO.:	TX-5256	
SHEET	5	OF 6

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