

Glazed Fiberglass Door

"NON-IMPACT"
INSWING / OUTSWING

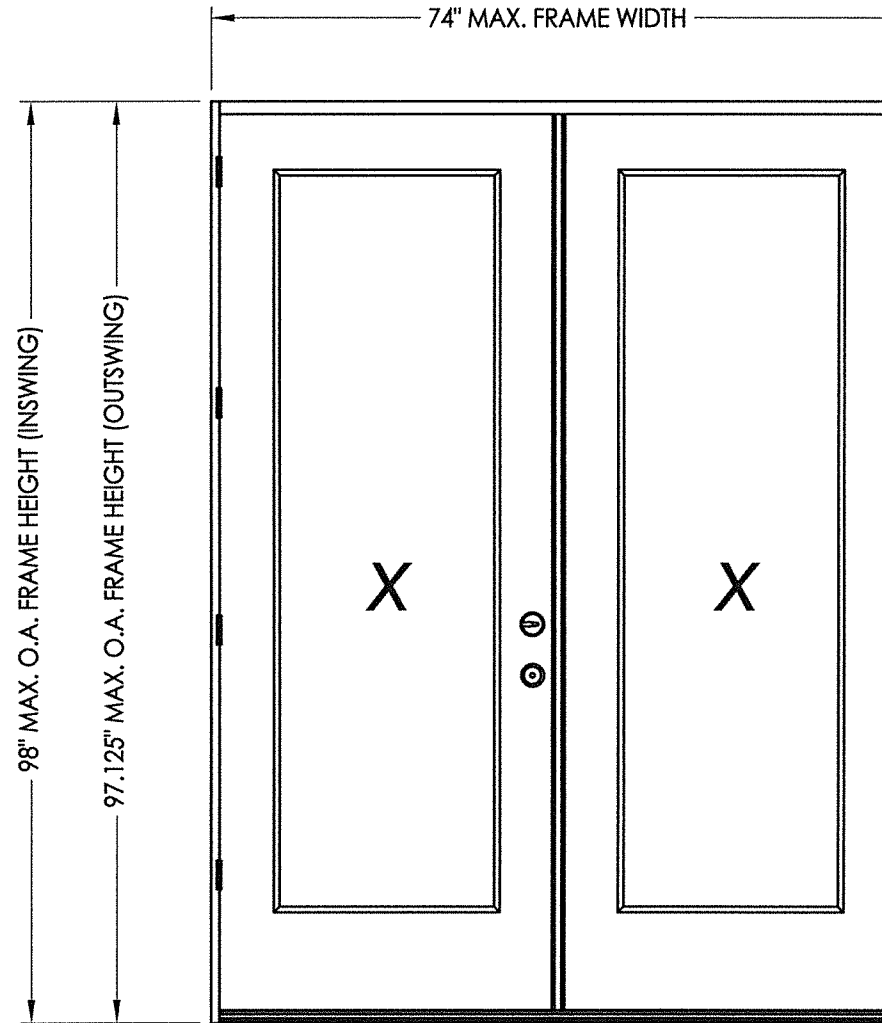
EVALUATED FOR USE IN THE STATE OF TEXAS

TDI DR-1020

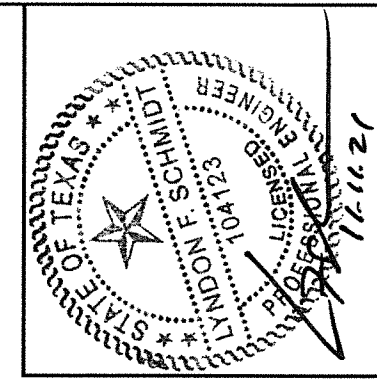
The Fiberglass Door system described herein complies with the 2018 International Residential Code (IRC), Sections R301 & R609 and the 2018 International Building Code (IBC), Sections 1404.13, 1609, 1709.5, 2403 and 2404 subject to the following conditions:

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. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC.
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 elevations, design pressures & general notes
2	Astragal details
3	Door panel details
4	Horizontal & vertical cross sections
5	Vertical cross sections
6	Frame anchoring



CONFIG.	MODEL	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
XX	INSWING	+40.0	-45.0
	OUTSWING	+45.0	-45.0



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CERTIFICATE OF REGISTRATION # F-11852

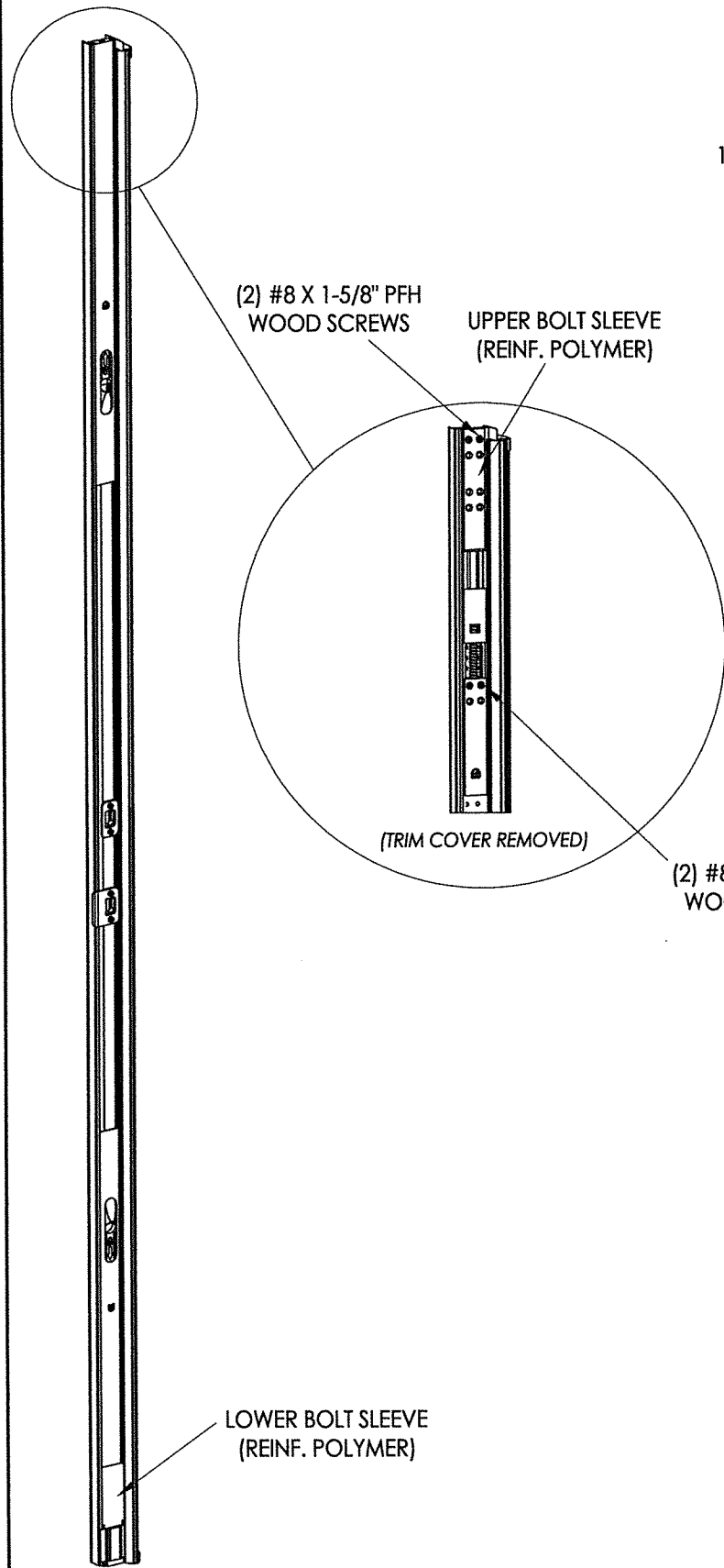
PRODUCT: ENDURA

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

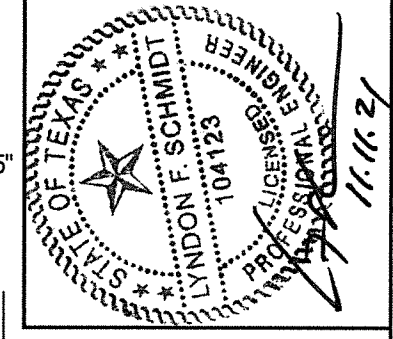
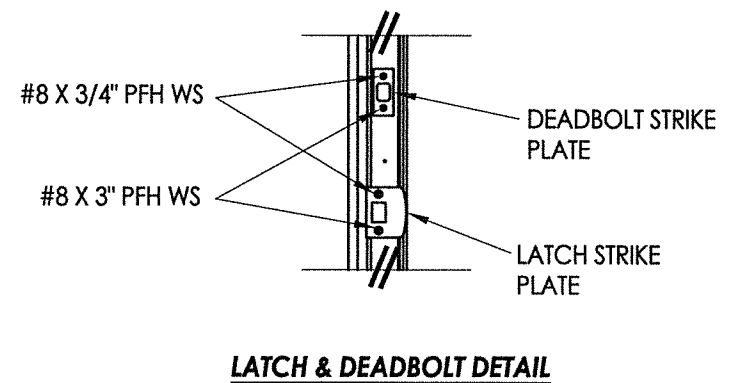
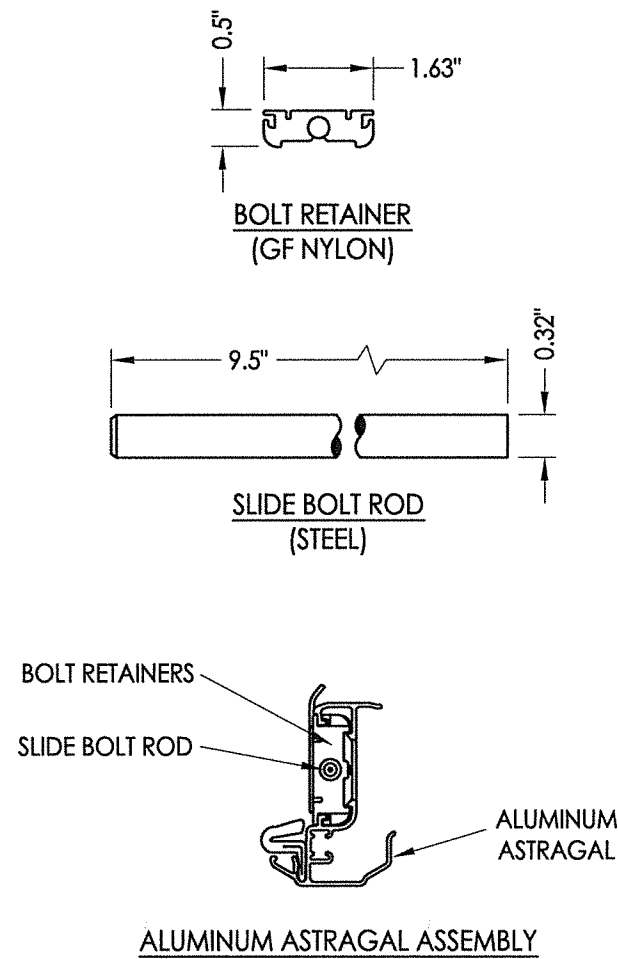
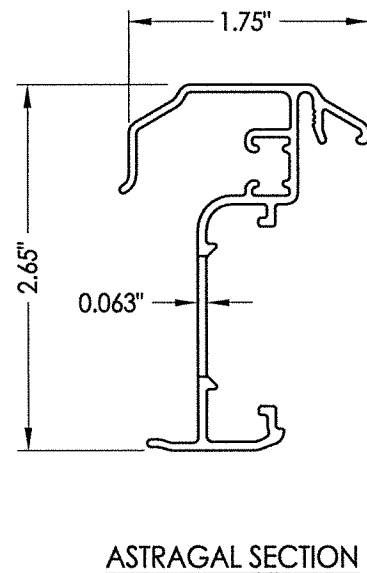
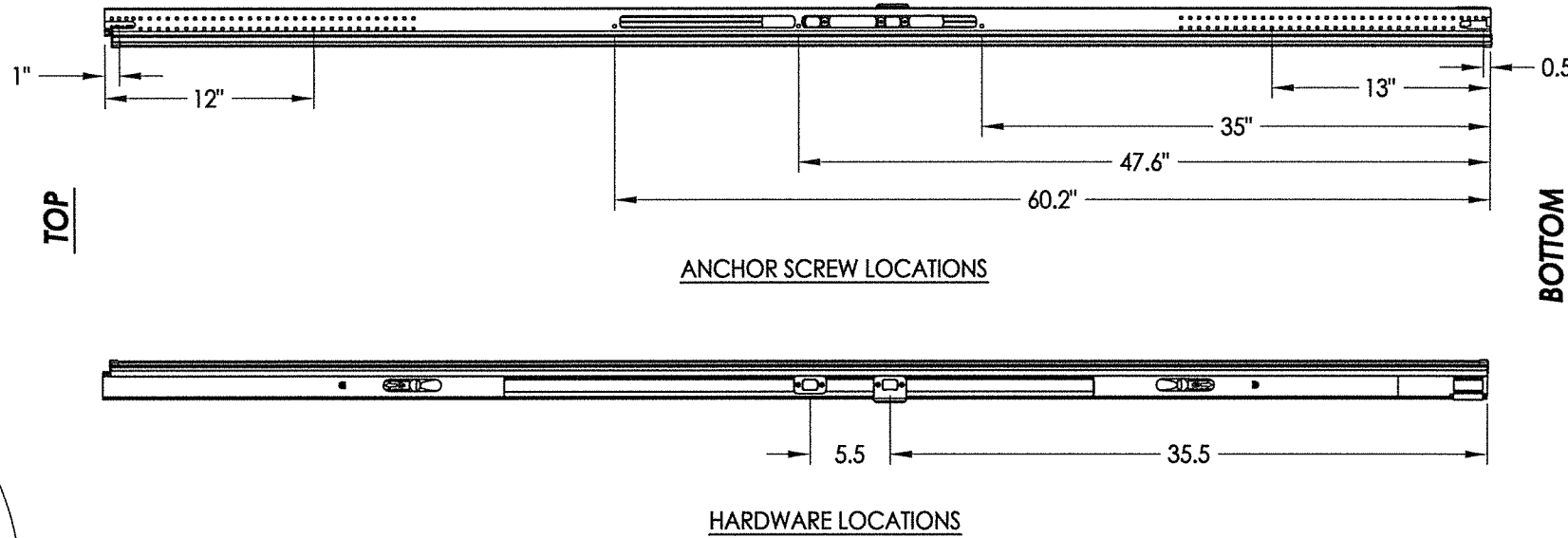
NO.	DATE	BY	REVISIONS
1	11/10/21	LFS	UPDATE TO 2018 IBC/IRC CODE

DATE: 11/06/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4903
SHEET 1 OF 6

Z:\Clients\Endura PERMANENT\B - Texas Dept of Ins\TDI - DR-1020 Flush GLZ JELD-WEN FG door XX (LK, DB) (4902-4903)\C - Drawings\TX-4902-03.dwg



ULTIMATE HURRICANE ASTRAGAL



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PRODUCT: ENDURA

PART OR ASSEMBLY: ASTRAGAL DETAILS

NO.	DATE	DESCRIPTION	BY
1	11/10/21	UPDATE TO 2018 IBC/IRC CODE	LFS

DATE: 11/06/18

SCALE: N.T.S.

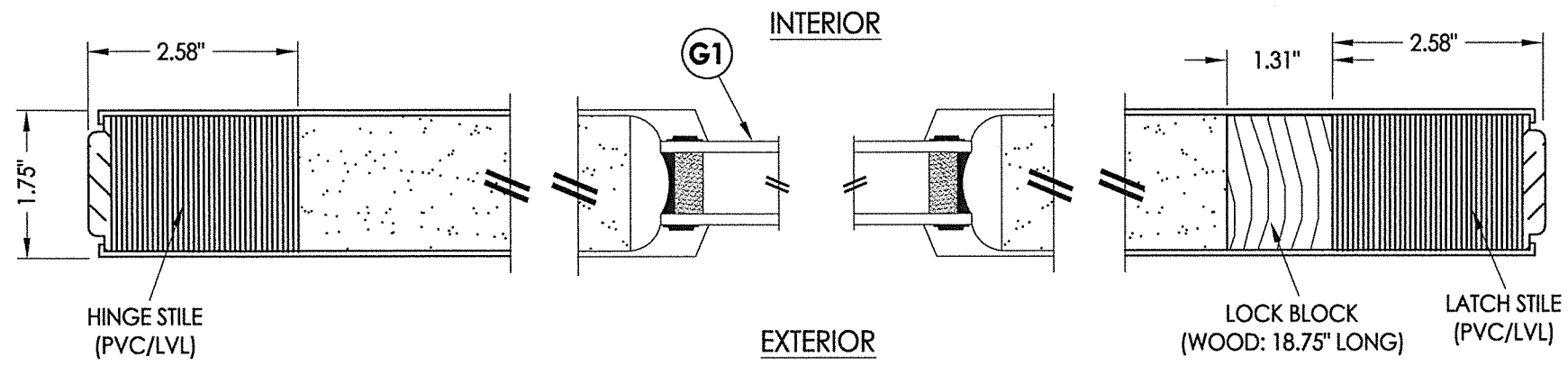
DWG. BY: JK

CHK. BY: LFS

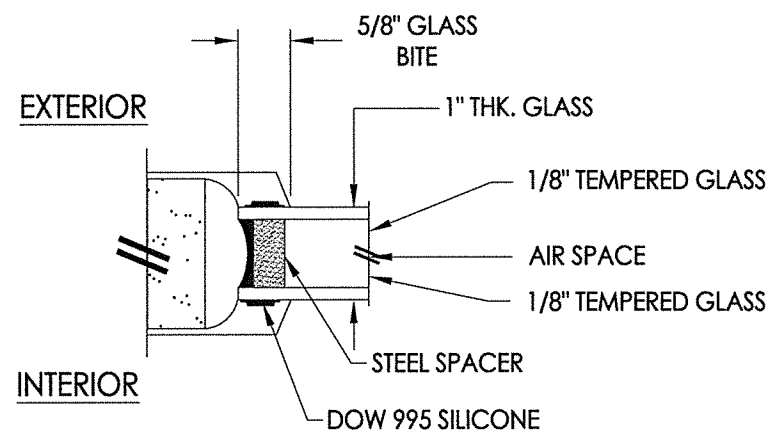
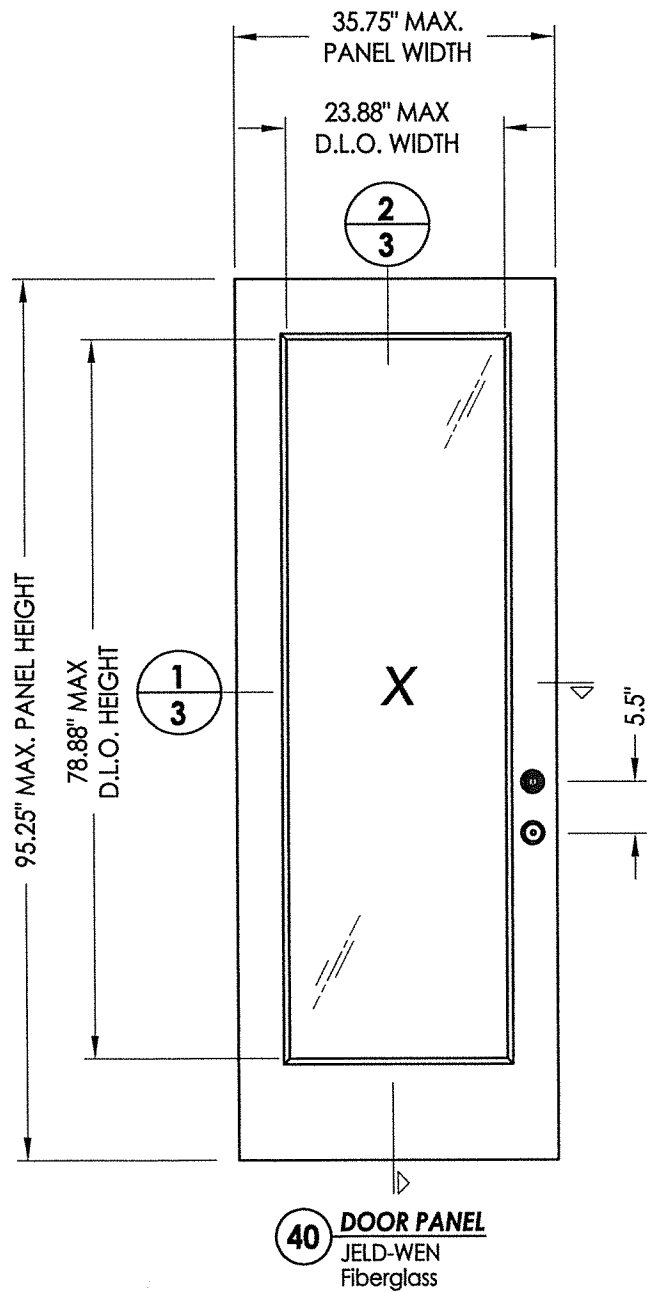
DRAWING NO.: TX-4903

SHEET 2 OF 6

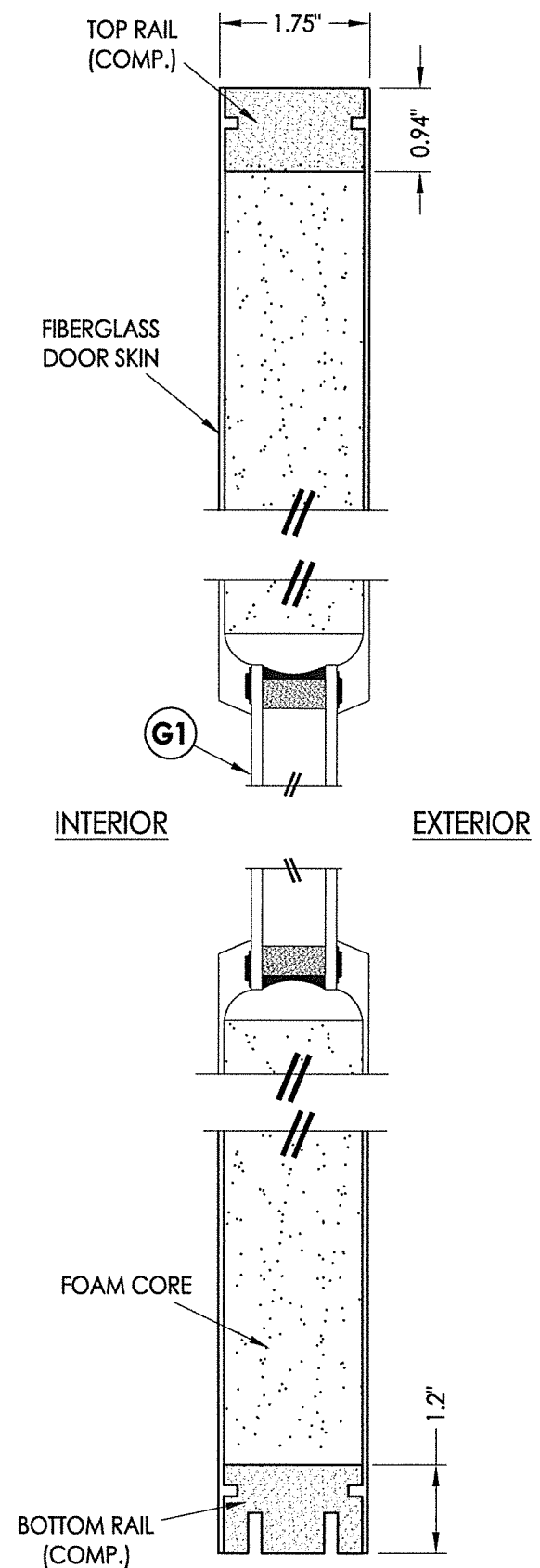
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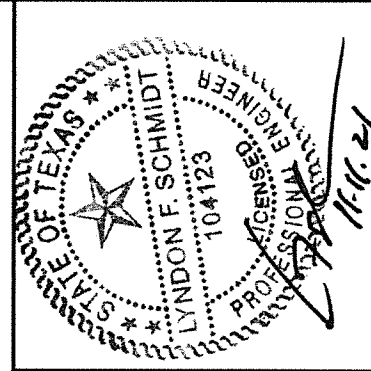
1
3 HORIZONTAL CROSS SECTION



G1 GLAZING DETAIL
Flush Glazing



2
3 VERTICAL CROSS SECTION



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PRODUCT: ENDURA

PART OR ASSEMBLY: DOOR PANEL DETAILS

NO.	DATE	DESCRIPTION	BY
1	11/10/21	UPDATE TO 2018 IBC/IRC CODE	LFS

DATE: 11/06/18

SCALE: N.T.S.

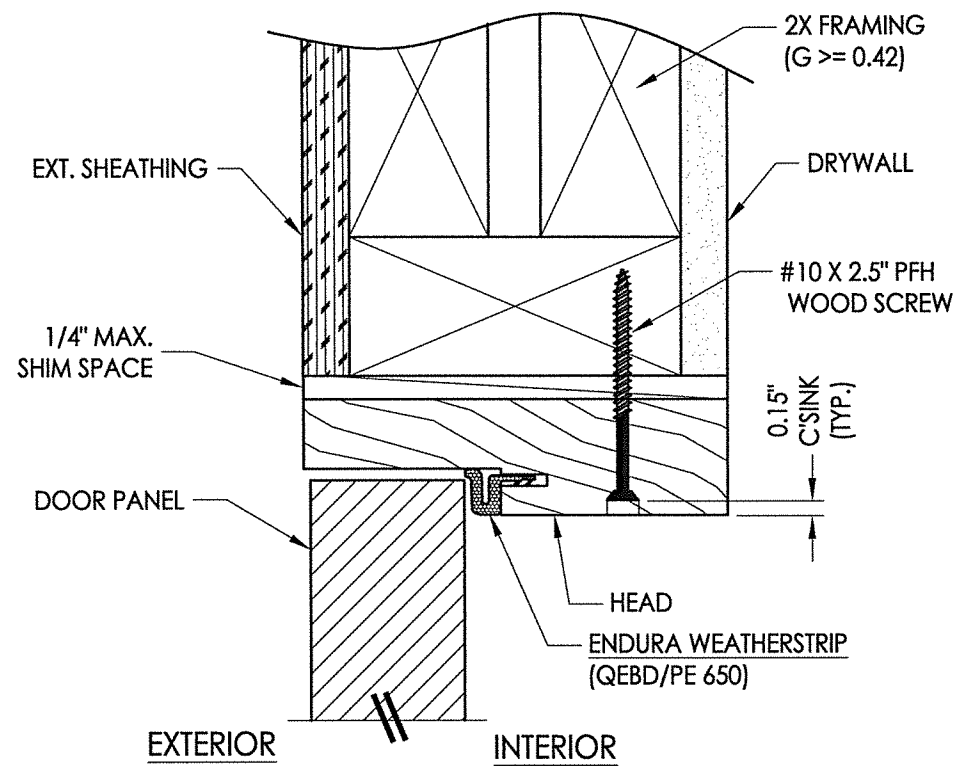
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CHK. BY: LFS

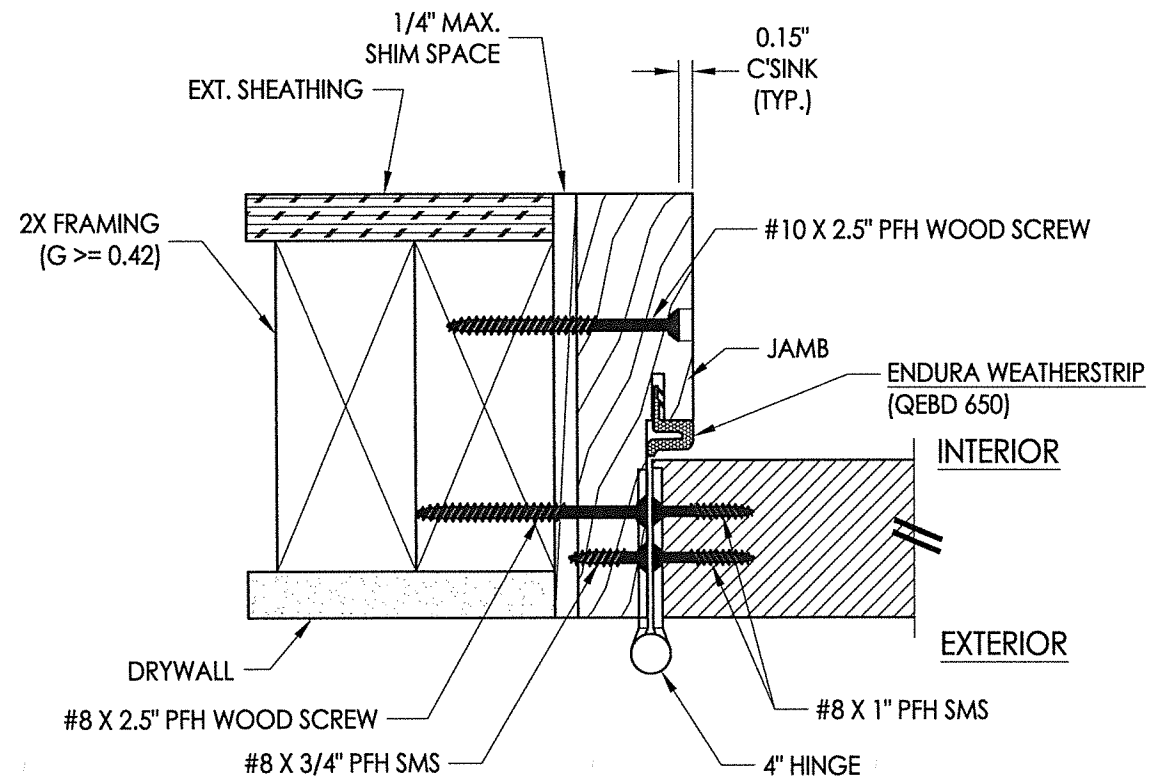
DRAWING NO.: TX-4903

SHEET 3 OF 6

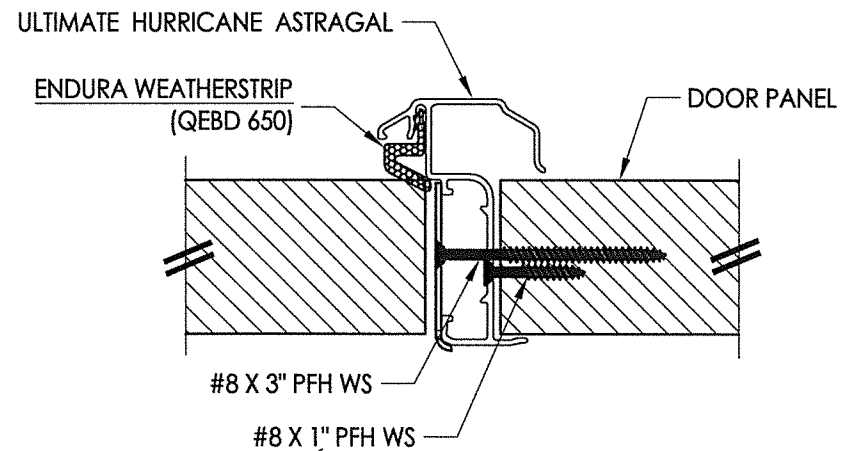
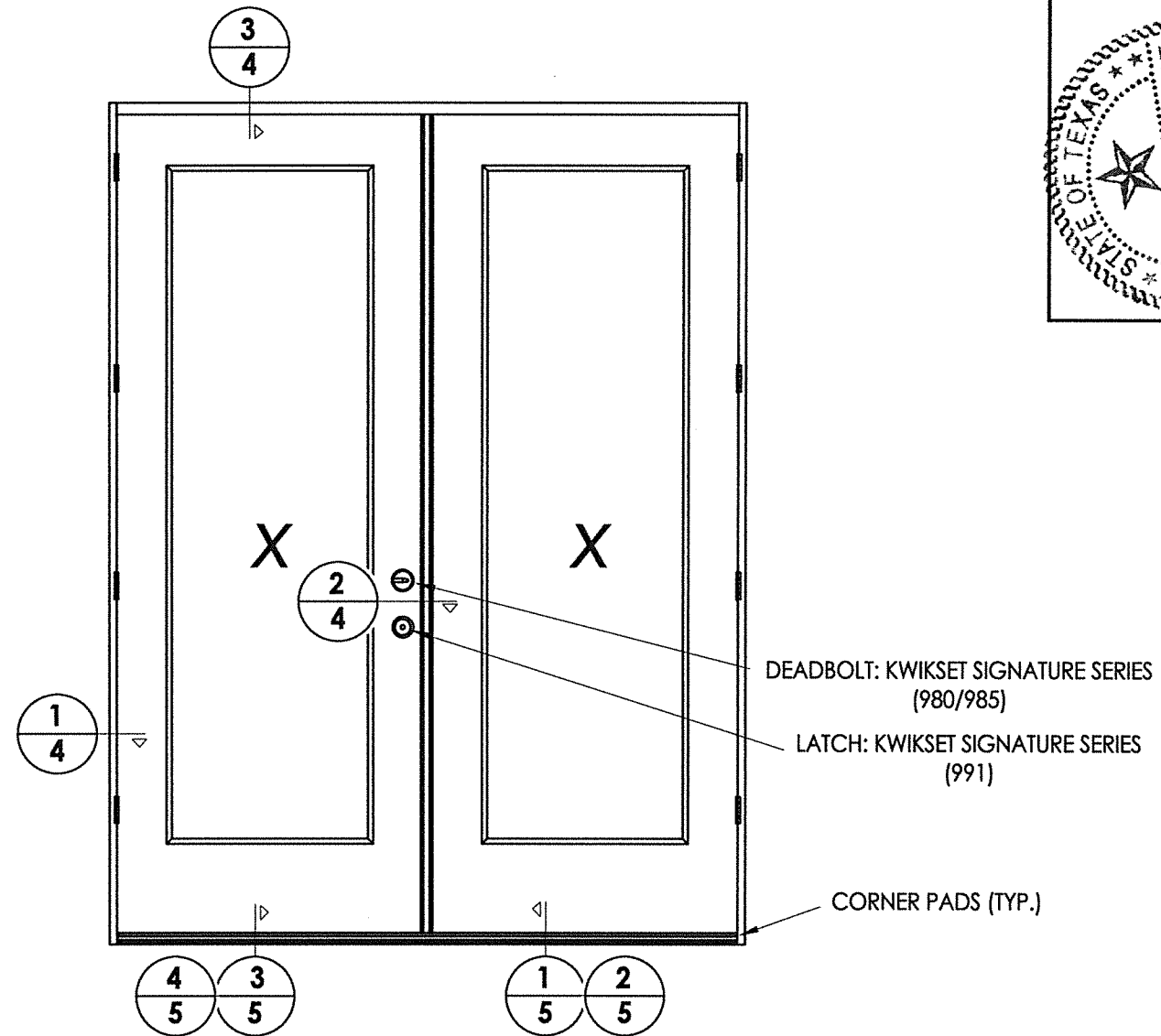
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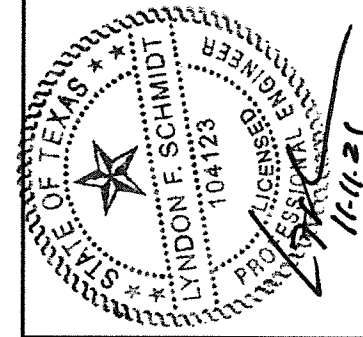
3 VERTICAL CROSS SECTION
4 Outswing shown - inswing also approved



1 HORIZONTAL CROSS SECTION
4 Inswing shown - Outswing also approved



2 HORIZONTAL CROSS SECTION
4



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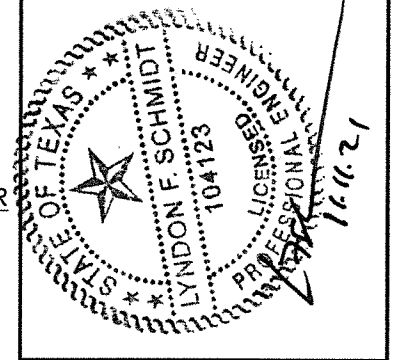
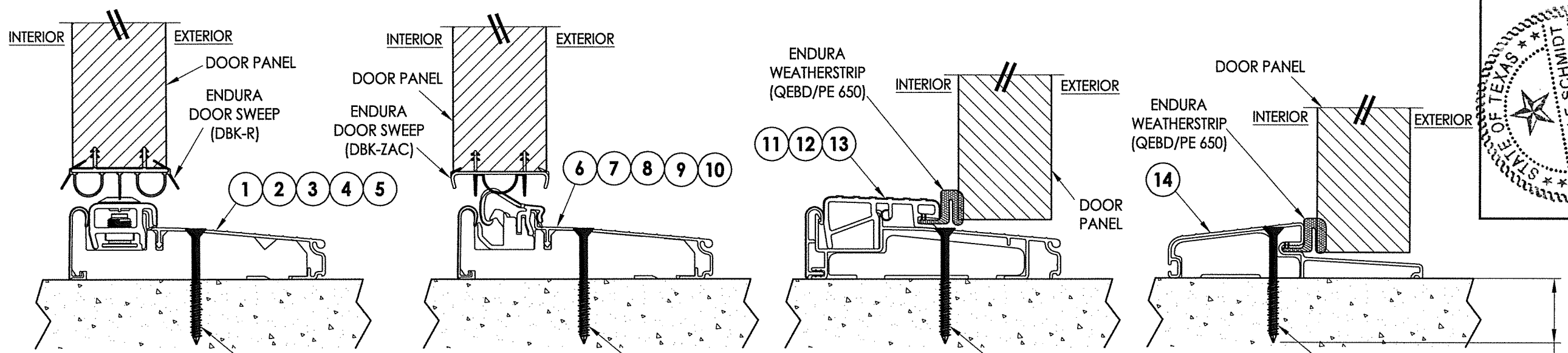
PRODUCT: ENDURA

PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS

NO.	DATE	BY
1	11/10/21	LFS

DATE: 11/06/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4903
SHEET 4 OF 6

Z:\Clients\Endura PERMANENT\B - Texas Dept of Ins\TDI - DR-1020 Flush GLZ JELD-WEN FG door XX (L,K,DB) (4902-4903)\C - Drawings\TX-4902-03.dwg



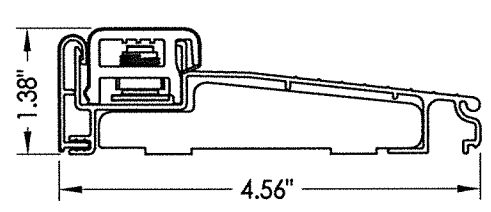
1 VERTICAL CROSS SECTION
5 Inswing Adjustable Threshold

2 VERTICAL CROSS SECTION
5 Inswing Articulating Threshold w/ Pin Capture

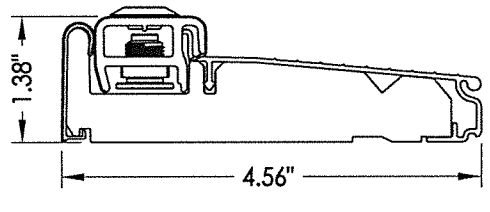
3 VERTICAL CROSS SECTION
5 Outswing Bump Threshold

4 VERTICAL CROSS SECTION
5 Outswing Bump Threshold

1-1/4" MIN. EMB. (TYP.)

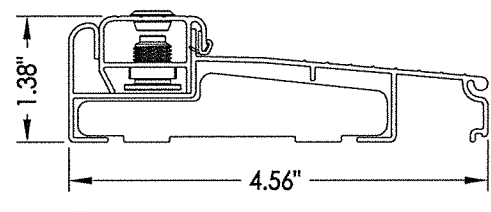


1 INSWING ADJUSTABLE THRESHOLD
ZAIL4565

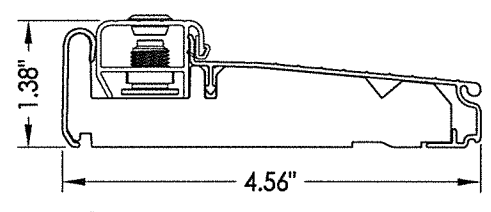


2 INSWING ADJUSTABLE THRESHOLD
ZAI4565FN

MAX. DESIGN PRESSURE = ±35 PSF

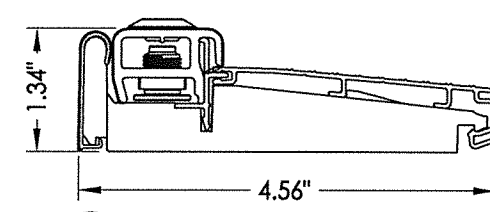


3 INSWING ADJUSTABLE THRESHOLD
ZAILAA4565



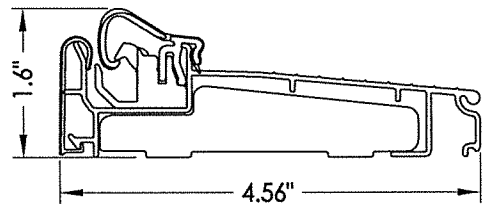
4 INSWING ADJUSTABLE THRESHOLD
ZAIAA4565FN

MAX. DESIGN PRESSURE = ±35 PSF



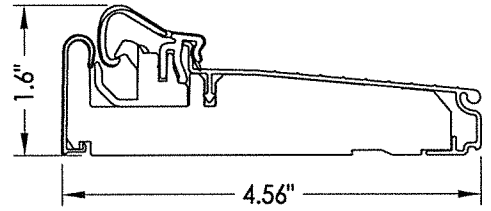
5 INSWING ADJUSTABLE THRESHOLD
ZAI4565RDS

MAX. DESIGN PRESSURE = ±35 PSF



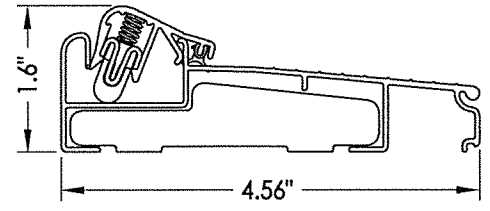
6 INSWING ARTICULATING THRESHOLD
ZACL4565

MAX. DESIGN PRESSURE = ±35 PSF



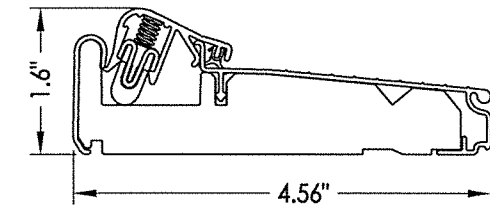
7 INSWING ARTICULATING THRESHOLD
ZAC4565FN

MAX. DESIGN PRESSURE = ±35 PSF



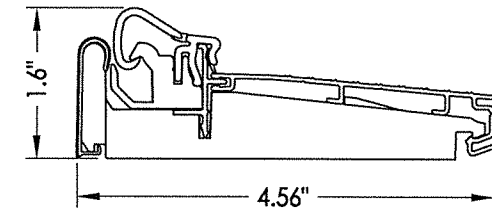
8 INSWING ARTICULATING THRESHOLD
ZACLA4565

MAX. DESIGN PRESSURE = ±35 PSF



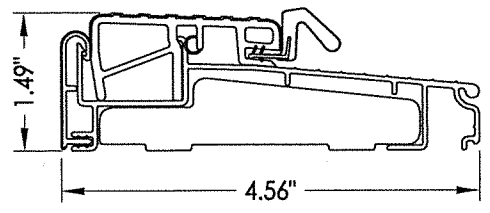
9 INSWING ARTICULATING THRESHOLD
ZACAA4565FN

MAX. DESIGN PRESSURE = ±35 PSF

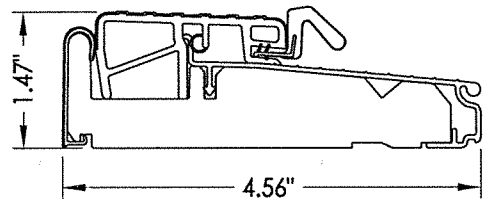


10 INSWING ARTICULATING THRESHOLD
ZAC4565RDS

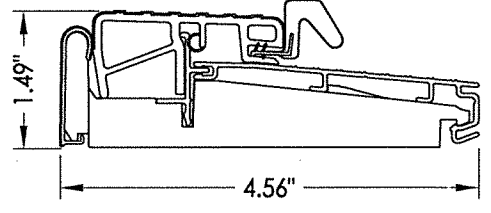
MAX. DESIGN PRESSURE = ±35 PSF



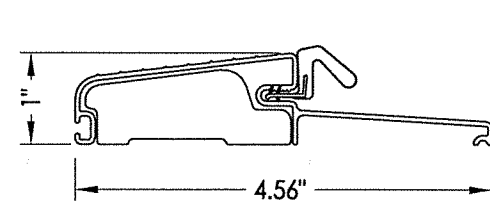
11 OUTSWING THRESHOLD
ZOBL4565



12 OUTSWING THRESHOLD
ZOB4565FN



13 OUTSWING THRESHOLD
ZOB4565RDS



14 OUTSWING THRESHOLD
FOB4566

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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: ENDURA

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
1	11/10/21	UPDATE TO 2018 IBC/IRC CODE
		LFS
		BY

DATE: 11/06/18

SCALE: N.T.S.

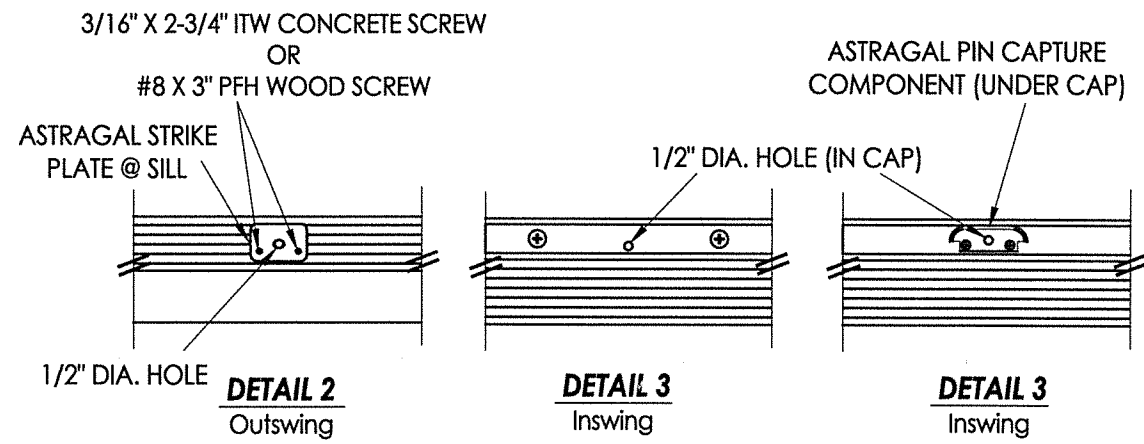
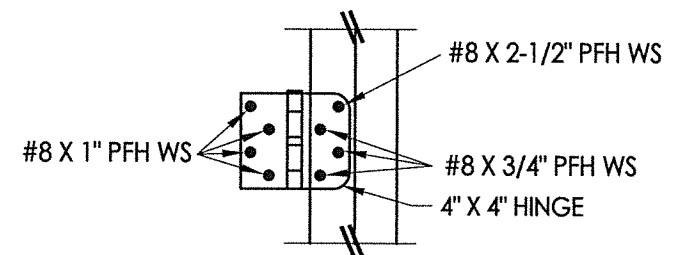
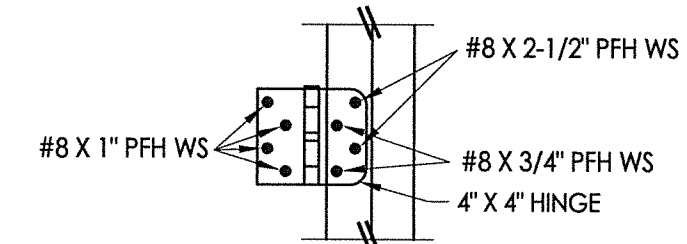
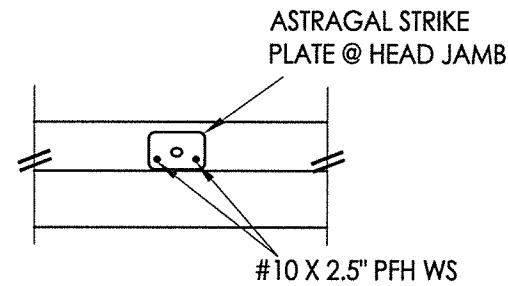
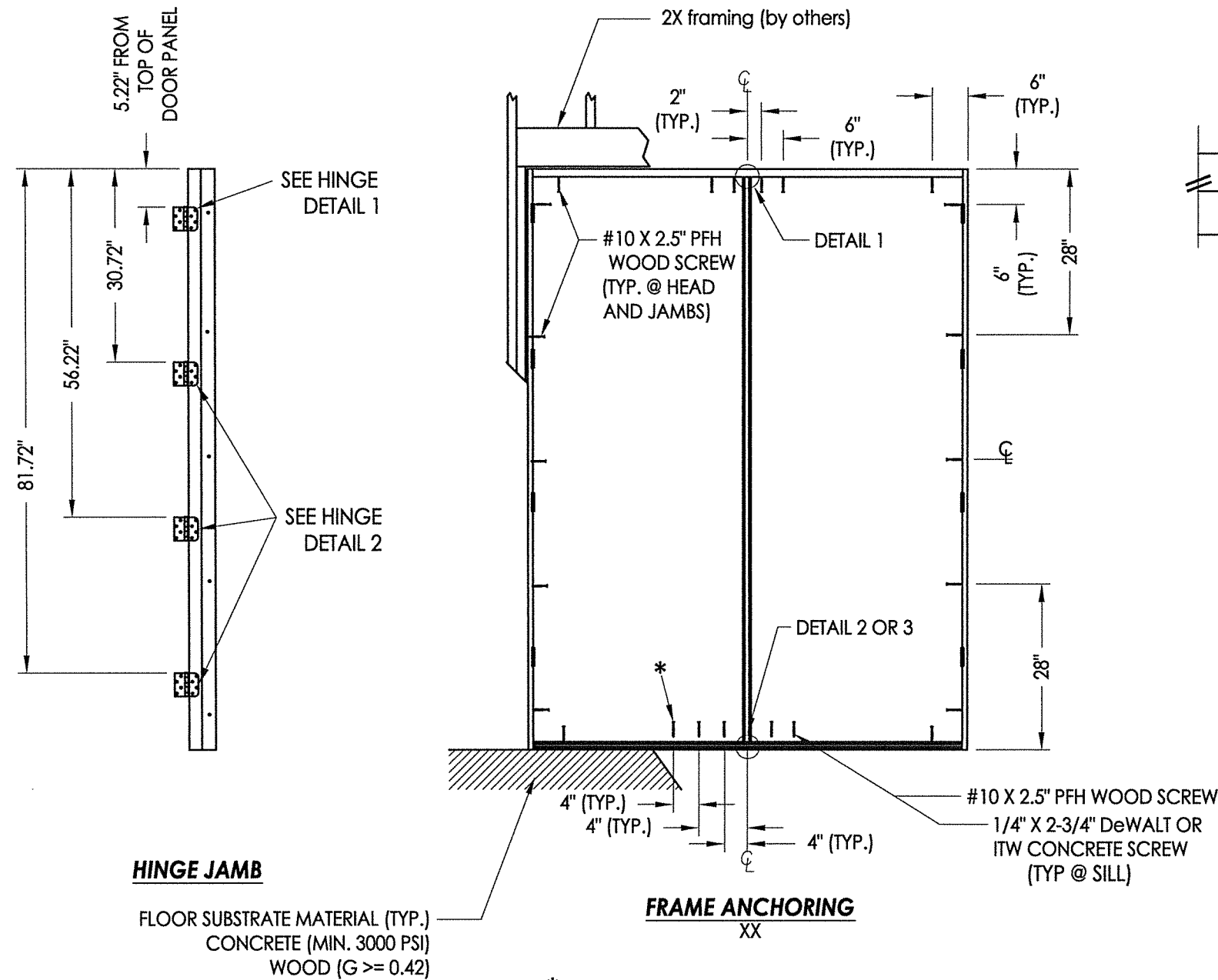
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: TX-4903

SHEET 5 OF 6

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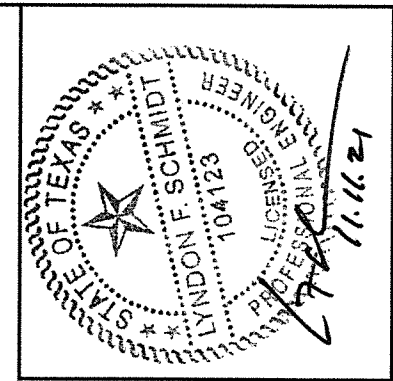


*NOTE: This anchor required for D.P. > 40 PSF.

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-3/4"	3"	1-1/2"
	1/4"	1-3/4"	1-1/2"	4"
DeWALT ULTRACON+®	1/4"	1-3/4"	1"	4"



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PRODUCT: ENDURA

PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	REVISIONS
1	11/10/21	UPDATE TO 2018 IBC/IRC CODE
		LFS
		BY

DATE: 11/06/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: TX-4903

SHEET 6 OF 6