

Glazed Fiberglass Door

"NON-IMPACT"
INSWING / OUTSWING

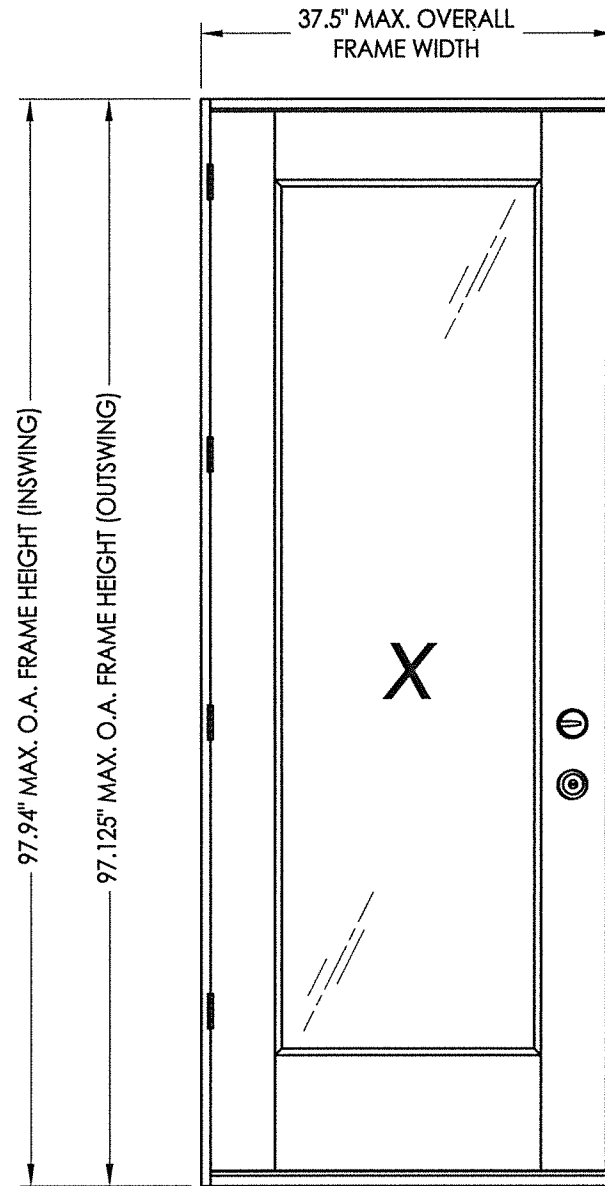
EVALUATED FOR USE IN THE STATE OF TEXAS

TDI DR-611

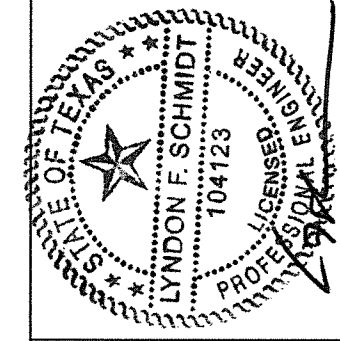
The Fiberglass Door system described herein complies with the 2018 International Residential Code (IRC), Sections R301 & R609 and the 2018 International Building Code (IBC), Sections 1404.13, 1609, 1709.5, 2403 and 2404 subject to the following conditions:

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	Door panel details (lip lite insert glazing)
3	Horizontal cross sections
4	Vertical cross sections
5	Frame anchoring



CONFIG.	GLAZING	MODEL	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
X	LIP LITE INSERT	INSWING	+40.0	-45.0
X	LIP LITE INSERT	OUTSWING	+35.0	-35.0



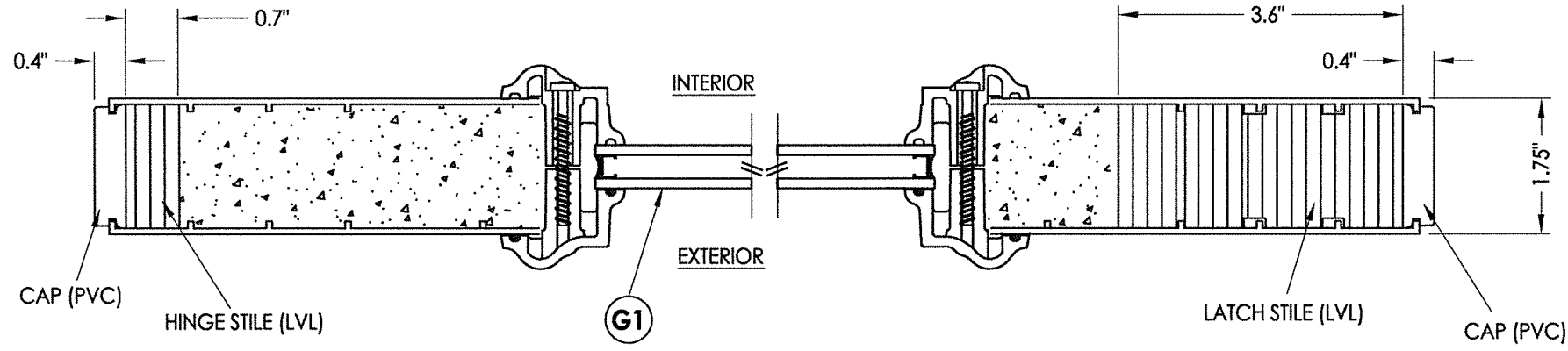
Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

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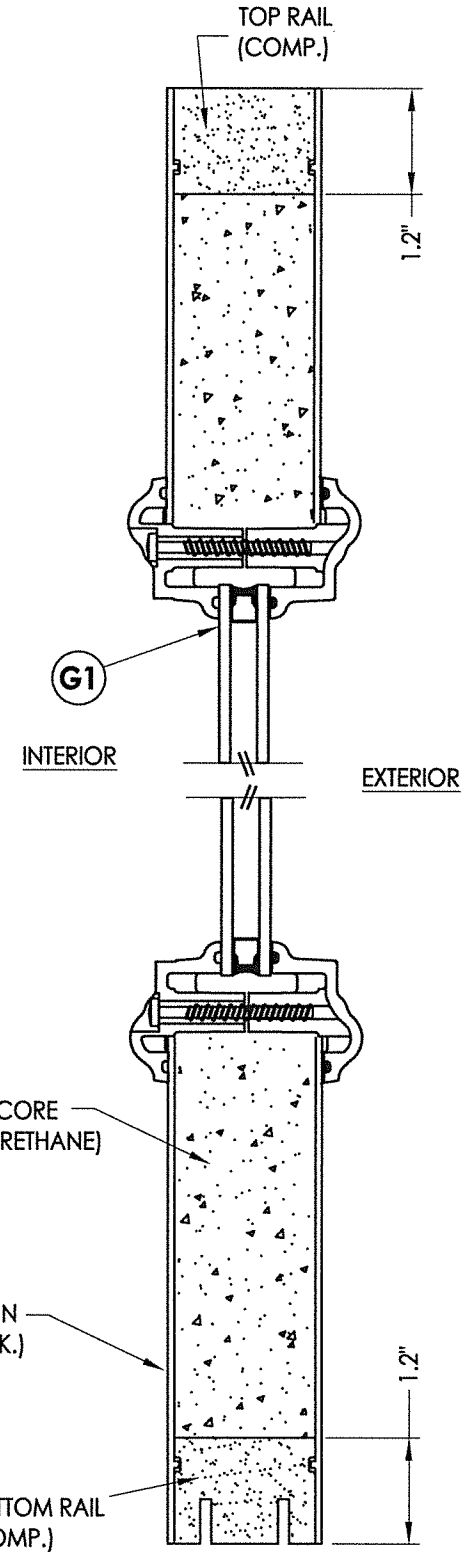
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	ENDURA
PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
DATE:	1/07/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	TX-4426
SHEET	1 OF 5

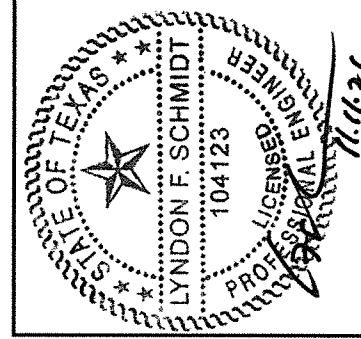
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1
2 HORIZONTAL CROSS SECTION



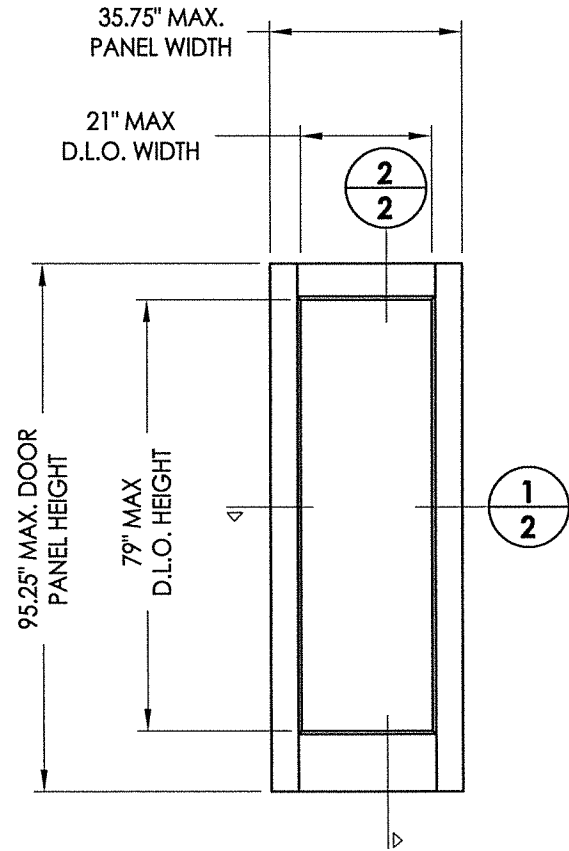
2
2 VERTICAL CROSS SECTION



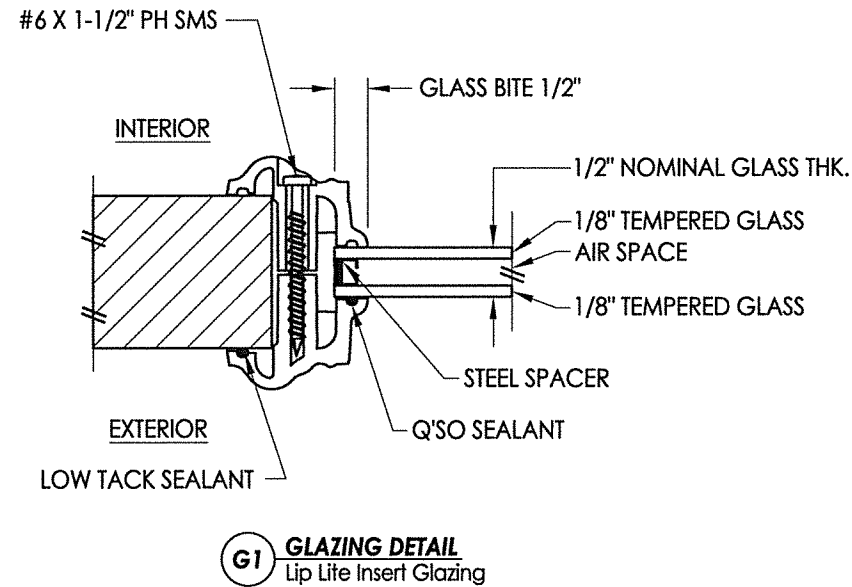
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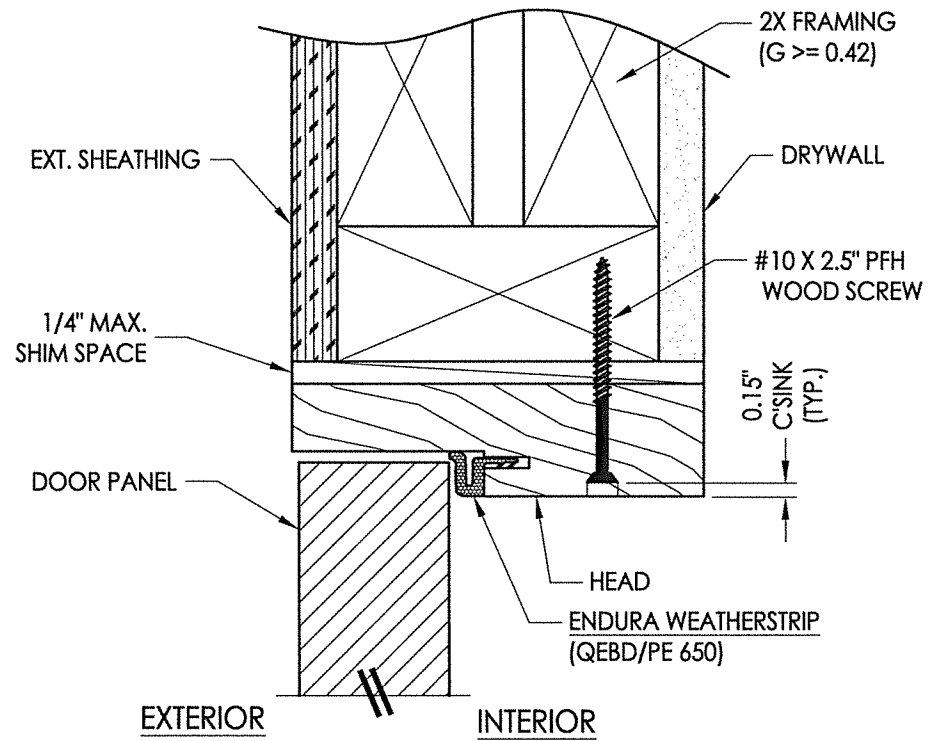
PLASTPRO
Insert Glazed
(fiberglass)



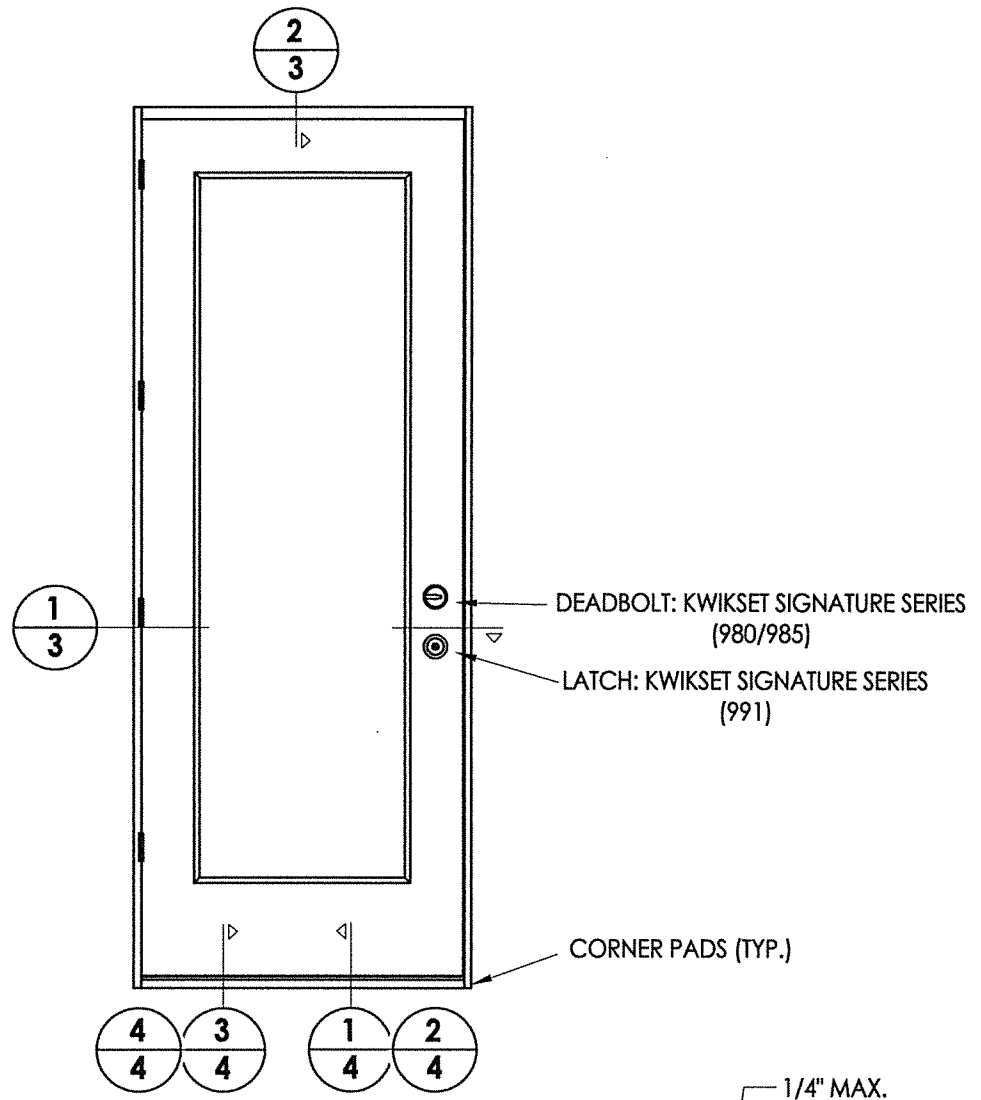
G1 GLAZING DETAIL
Lip Lite Insert Glazing

PRODUCT:	ENDURA	
PART OR ASSEMBLY:	DOOR PANEL DETAILS (LIP LITE INSERT GLAZING)	
NO.	DATE	BY
3	11/10/21	LFS
2	11/7/18	MT
1	11/02/16	LFS
REVISIONS		
DATE:	1/07/14	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4426	
SHEET	2	OF 5

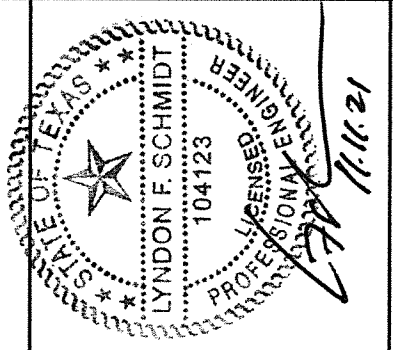
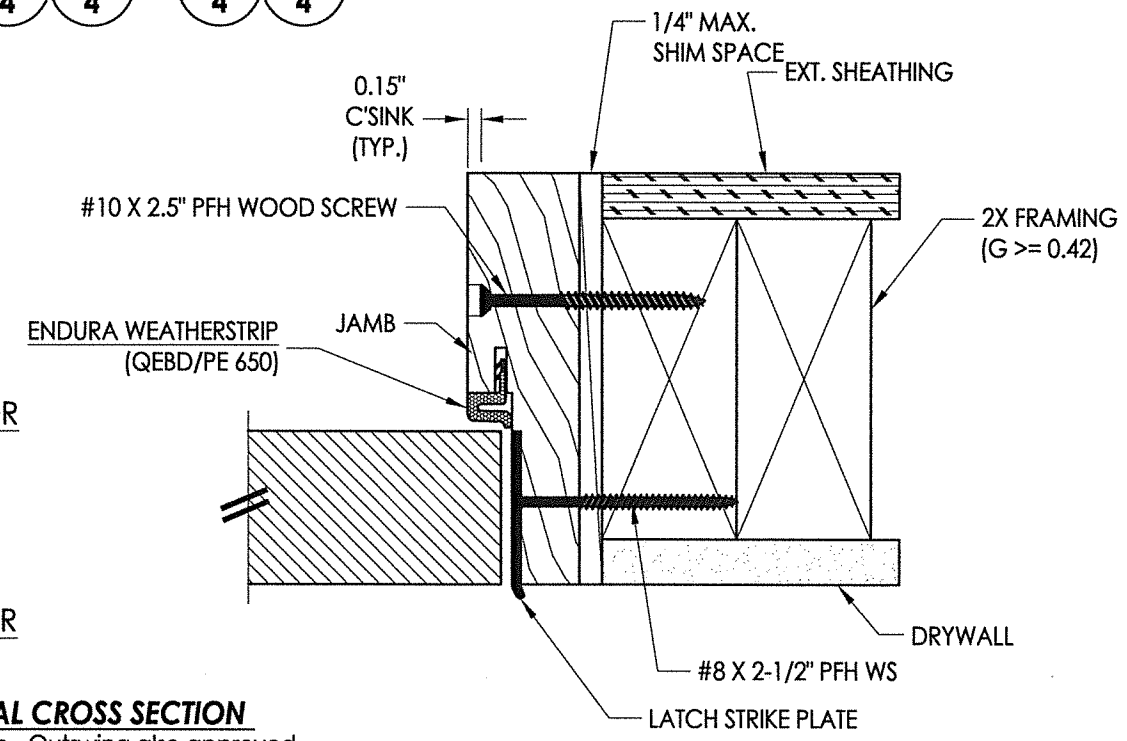
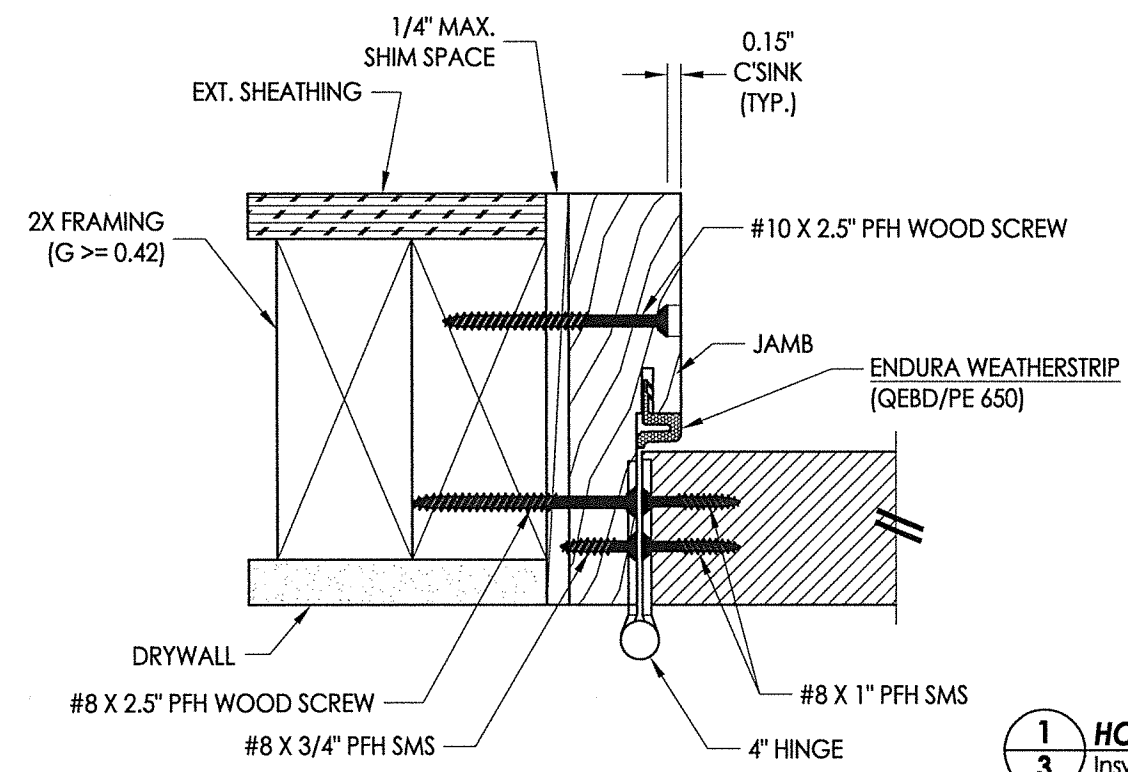
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2 VERTICAL CROSS SECTION
3 Outswing shown - inswing also approved



1 HORIZONTAL CROSS SECTION
3 Inswing shown - Outswing also approved

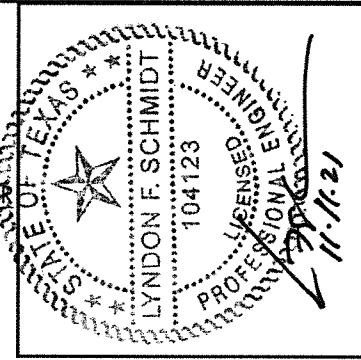
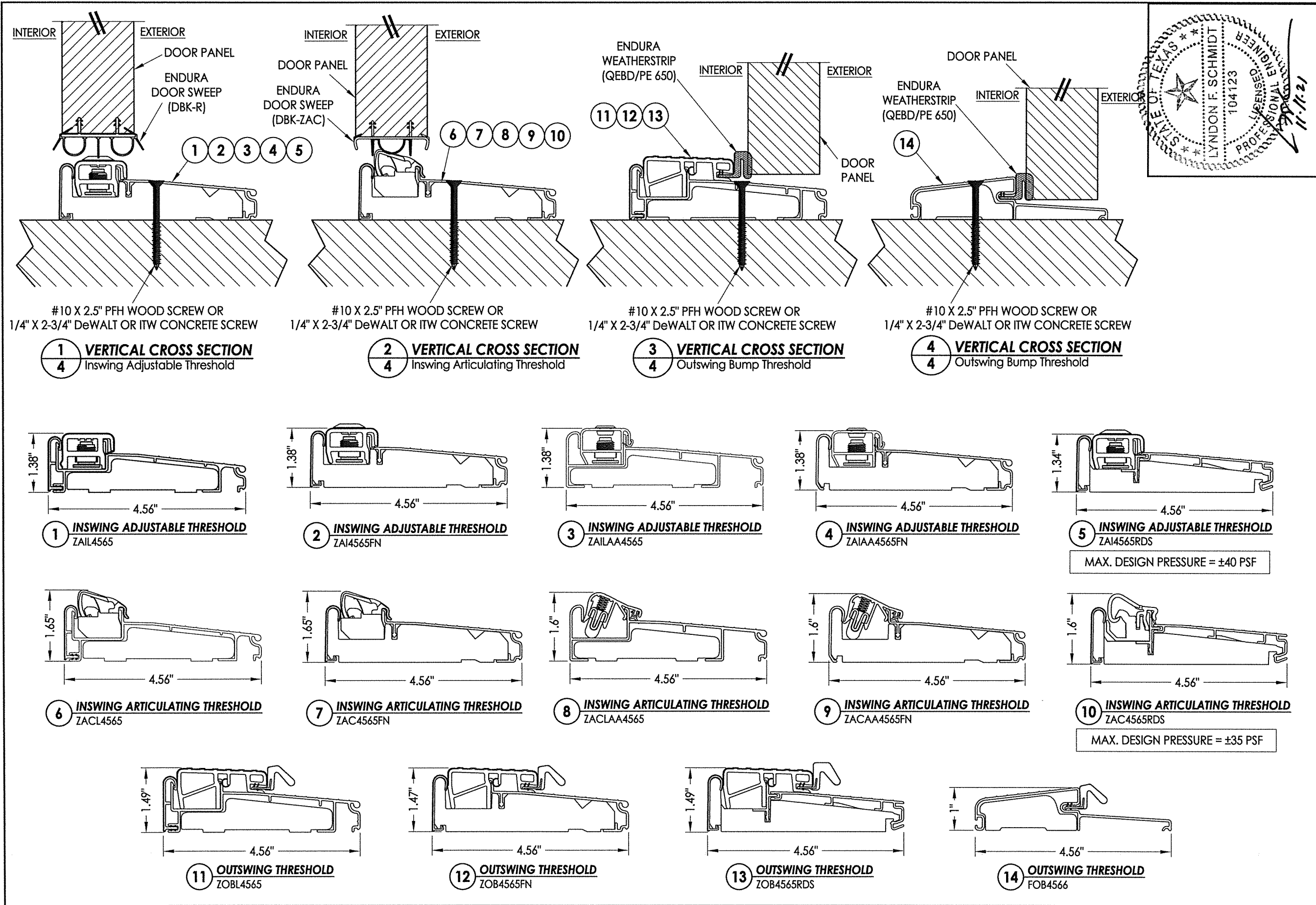


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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: ENDURA
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
3	11/10/21	UPDATE TO 2018 IBC/IRC CODE
2	11/7/18	REVISED TO INSERT GLAZED ONLY
1	11/02/16	ADDED THRESHOLDS/REVISED D.P.

DATE: 1/07/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4426
SHEET 3 OF 5

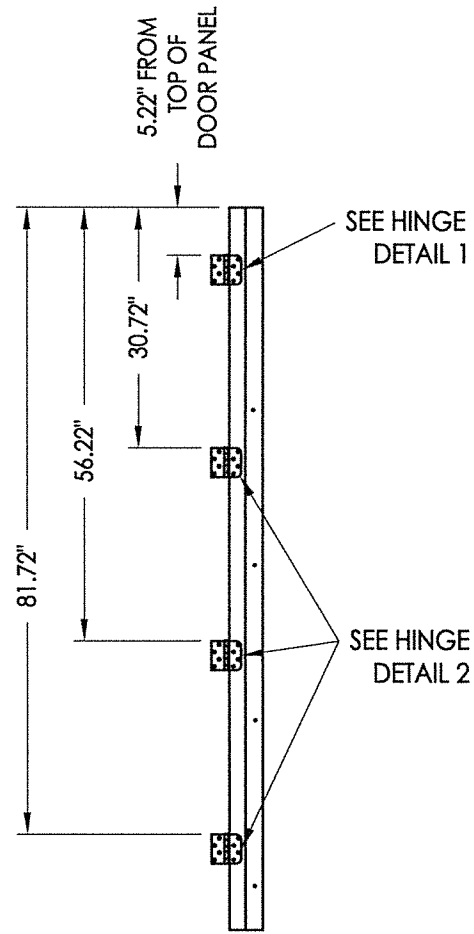


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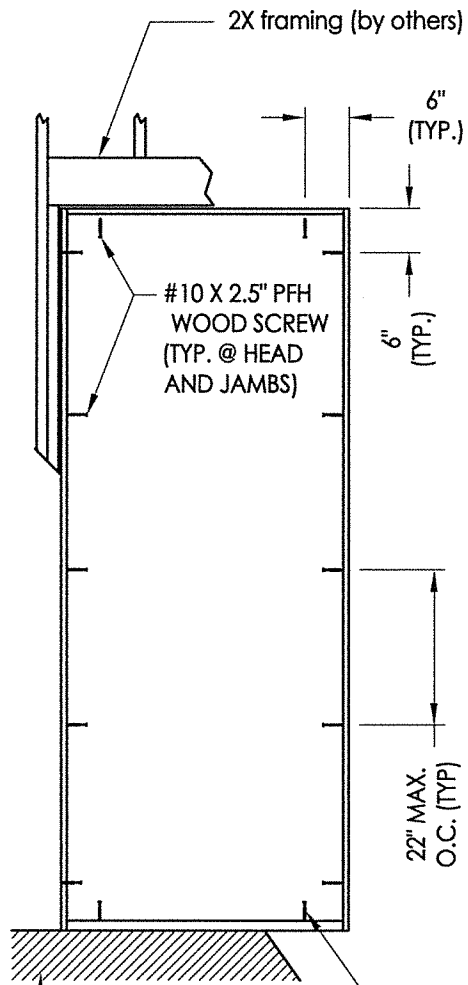
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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: ENDURA		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	
NO.	DATE	BY	REVISIONS
3	11/10/21	LFS	UPDATE TO 2018 IBC/IRC CODE
2	11/7/18	LFS	REVISED TO INSERT GLAZED ONLY
1	11/02/16	LFS	ADDED THRESHOLDS/REVISED D.P.
DATE: 1/07/14		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: TX-4426		SHEET 4 OF 5	

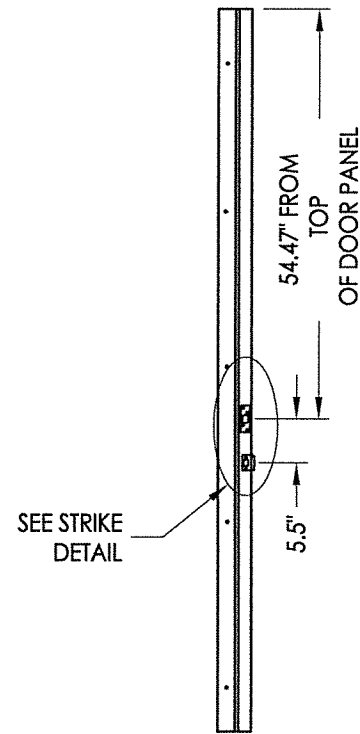


HINGE JAMB

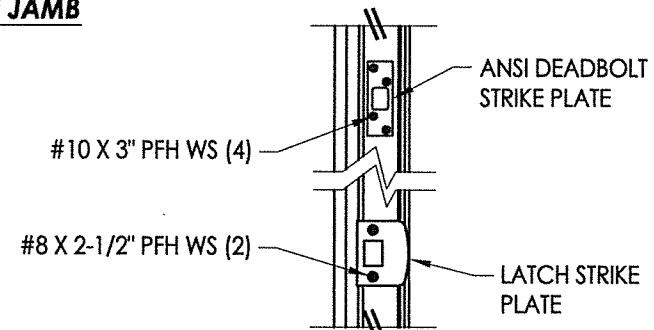


FRAME ANCHORING

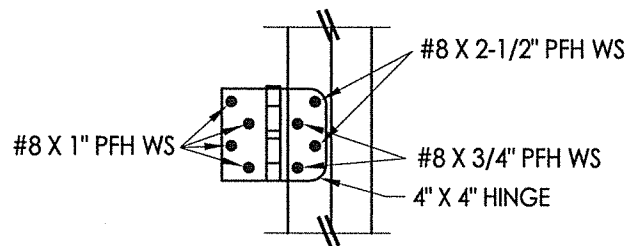
FLOOR SUBSTRATE MATERIAL (TYP.)
 CONCRETE (MIN. 3000 PSI)
 WOOD (G >= 0.42)



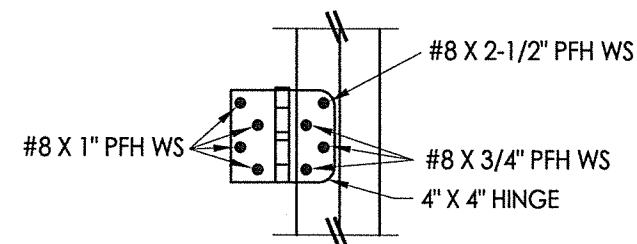
STRIKE JAMB



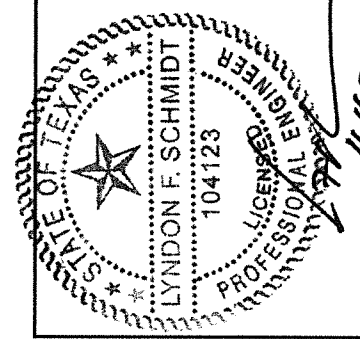
STRIKE DETAIL



HINGE DETAIL 1



HINGE DETAIL 2



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PRODUCT: ENDURA

PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	REVISIONS
3	11/10/21	UPDATE TO 2018 IBC/IRC CODE
2	11/7/18	REVISED TO INSERT GLAZED ONLY
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DATE: 1/07/14
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 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: TX-4426
 SHEET 5 OF 5

CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- Concrete anchor table:

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