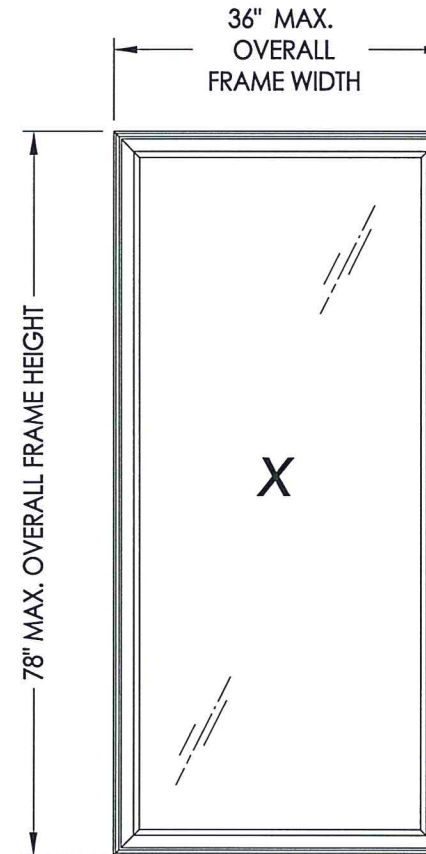


MODEL "i" 971
PVC CASEMENT WINDOW
"IMPACT"



EVALUATED FOR USE IN THE STATE OF TEXAS

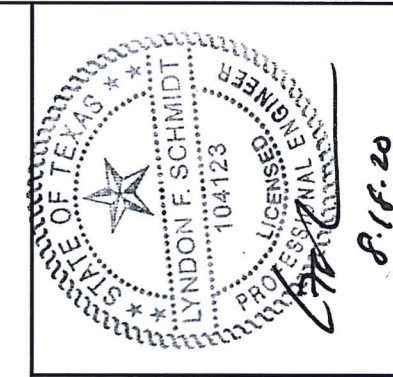
TDI WIN-889

The Double Hung Window 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 roof covering.
2. When used in areas requiring wind-borne debris protection, this product complies with Section R301.2.1.2 of the IRC and Section 1609.2 of the IBC and does not require impact protection. This product meets missile level "D" and includes Wind Zone 3 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 elevations, design pressures & general notes
2	Frame anchoring & cross sections
3	Bill of materials, glazing details and components

OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
36.0" x 78.0"	30.31" x 72.31"	G1	+50.0	-50.0

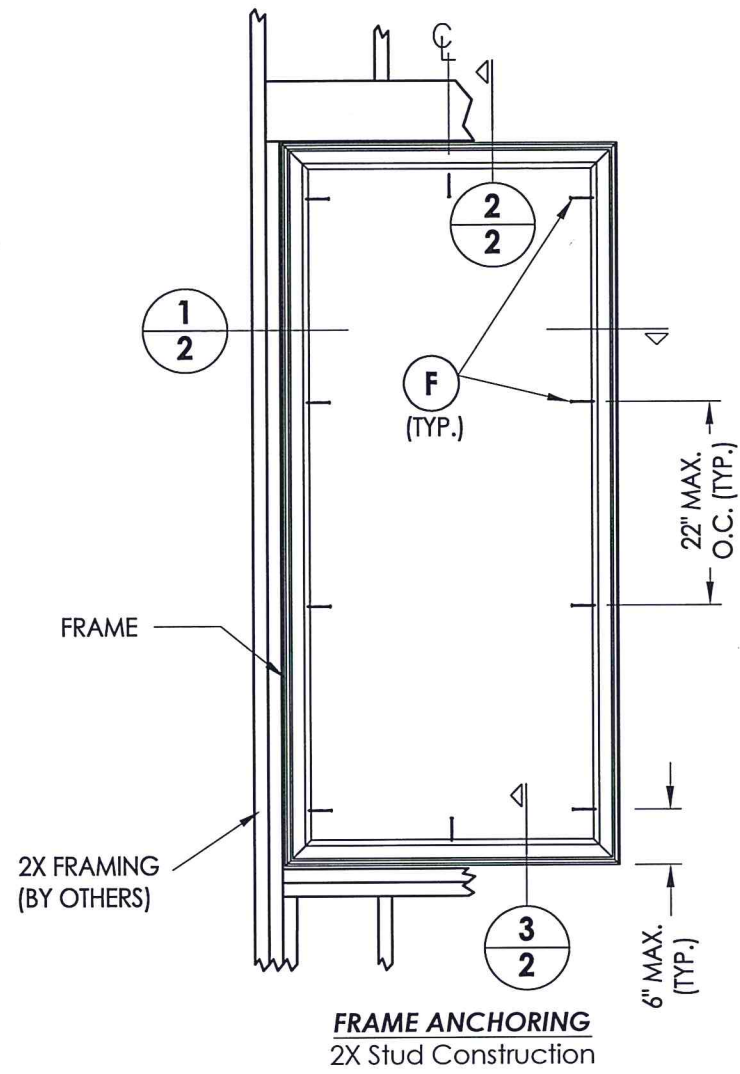


P.F. 20

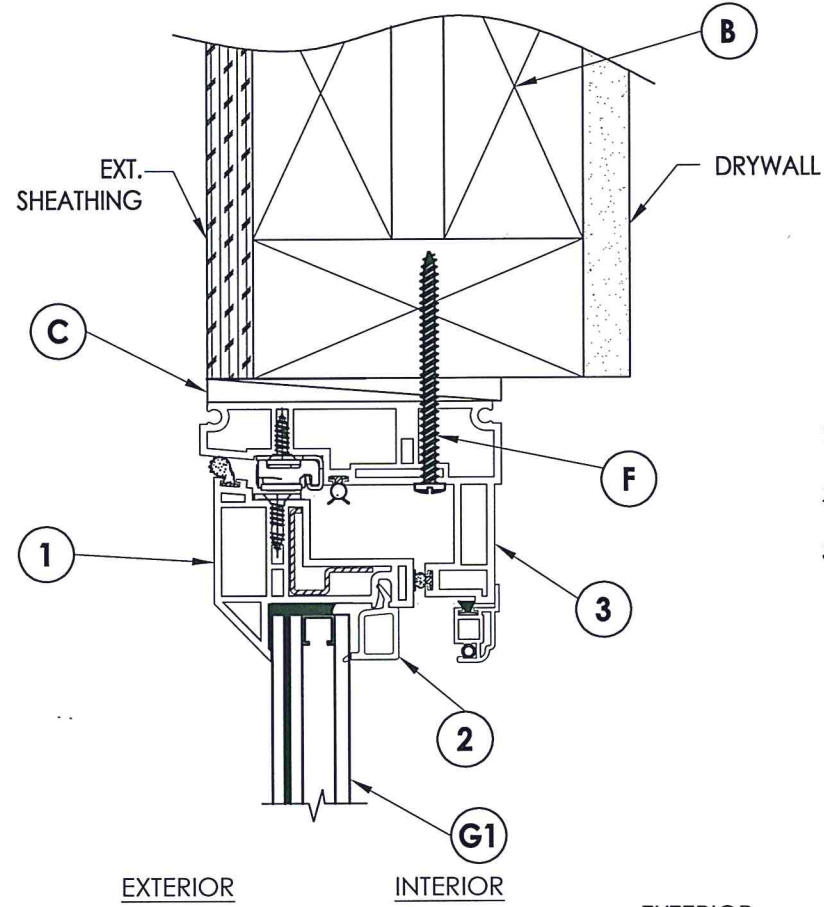
Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairico FL, 33595
Phone No.: 813.659.9197
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

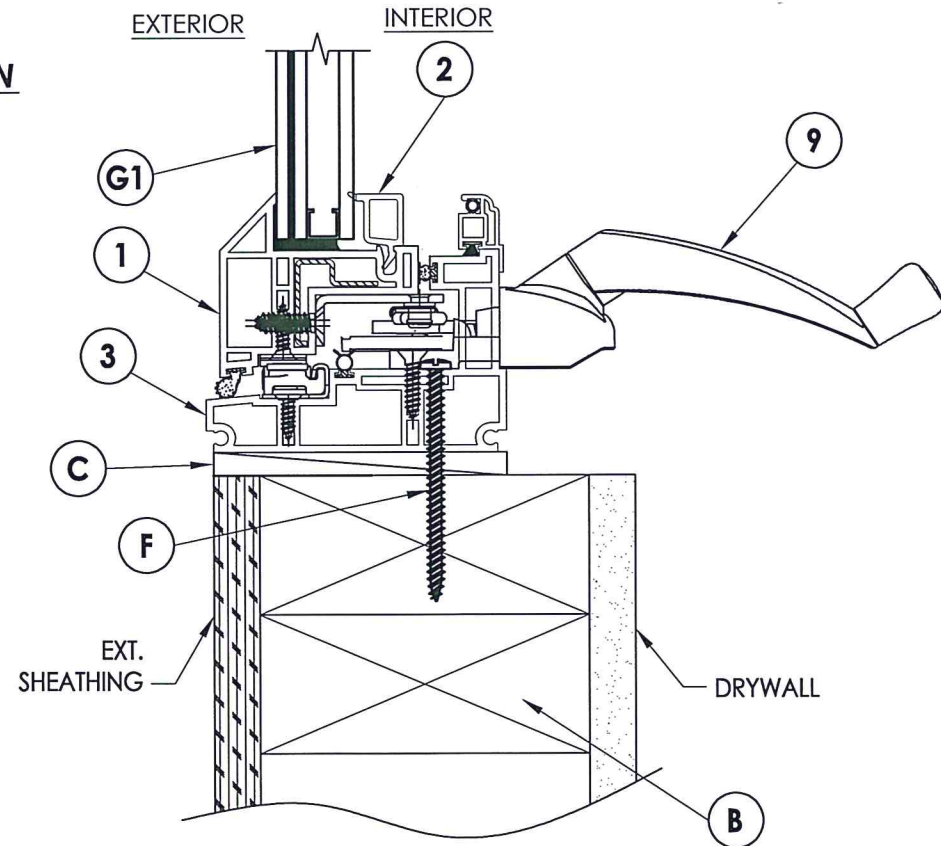
PRODUCT:	FIXED WINDOW		
PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES		
NO.	DATE	BY	REVISIONS
1	7/15/20	LFS	UPDATE TO 2018 IBC/IRC
DATE: 12/03/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4414			
SHEET 1 OF 3			



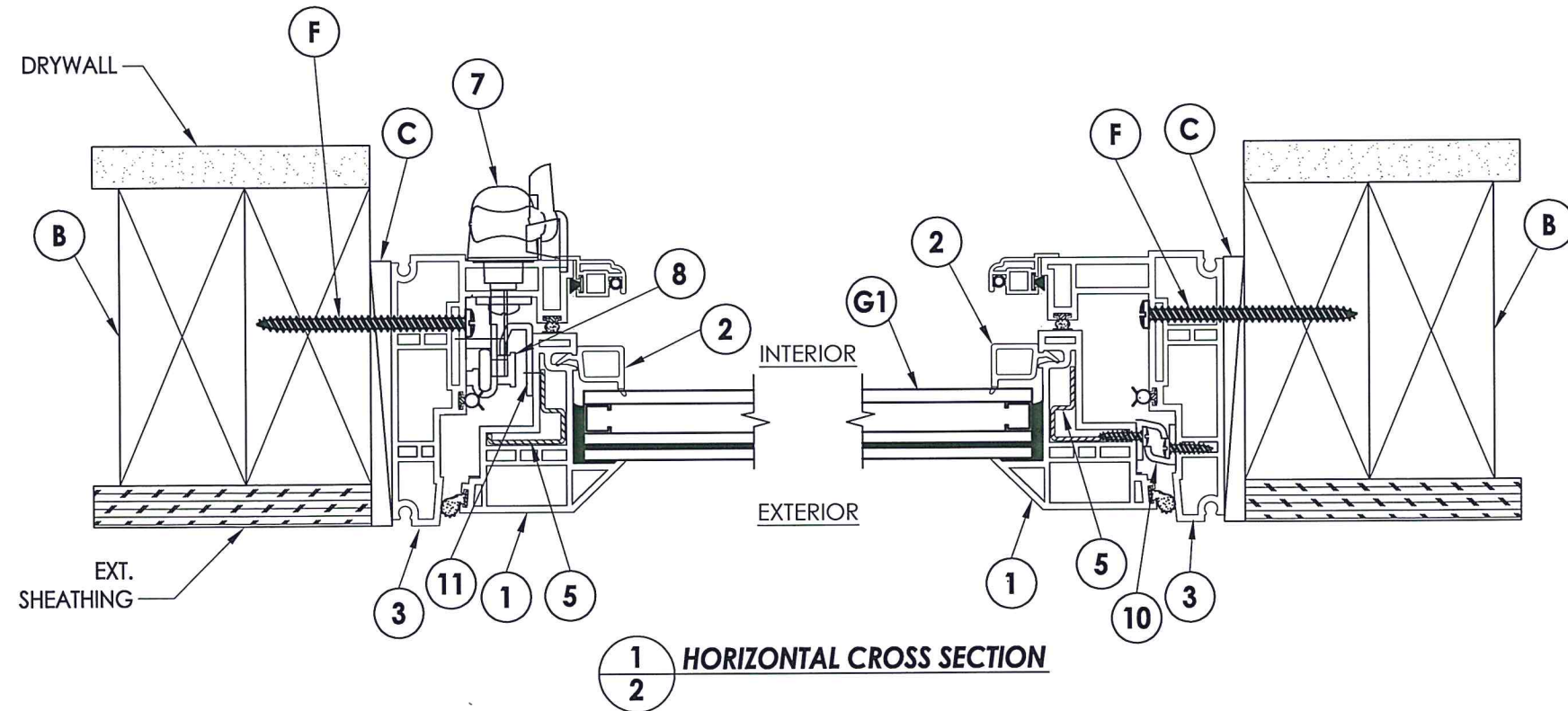
FRAME ANCHORING
2X Stud Construction



2 VERTICAL CROSS SECTION



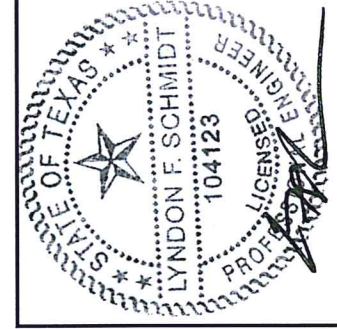
3 VERTICAL CROSS SECTION



1 HORIZONTAL CROSS SECTION

HARDWARE NOTES:

1. Keepers (4) are located 3-1/2", 25", 46-1/2" & 68-1/2" from the bottom of the frame.
2. Snubbers are located @ 15", 31", 47" & 63" from the bottom of the frame.
3. Substitute one #8 X 2-1/2" PH Wood Screw for the top installation screw in each snubber (4) and tie bar guide (4).



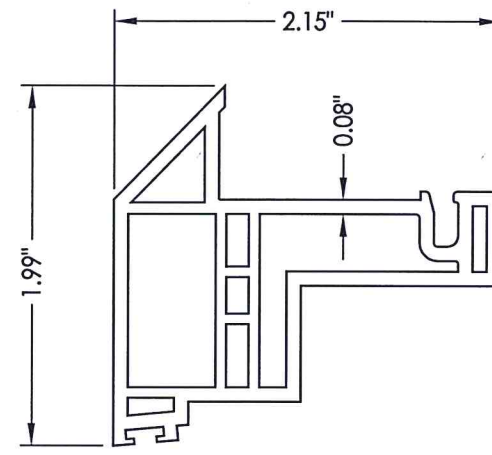
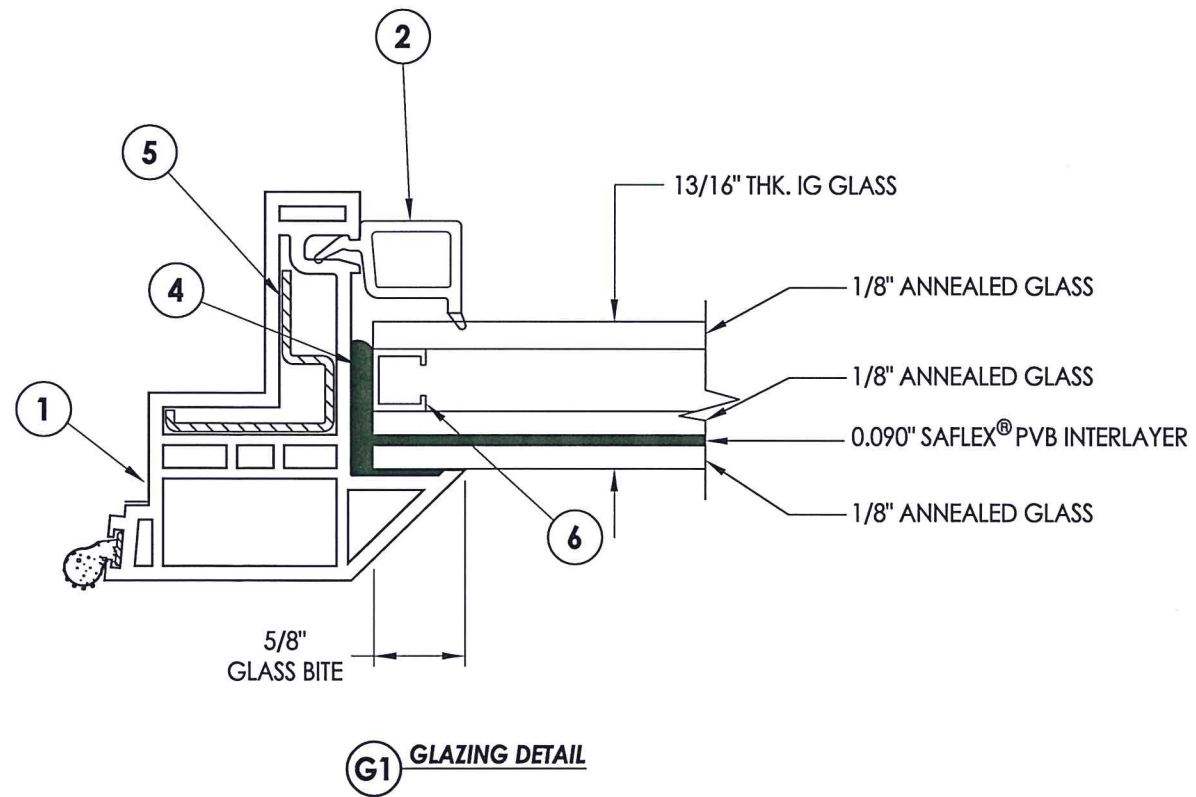
Documents Prepared By: Lyndon F. Schmidt, P.E.
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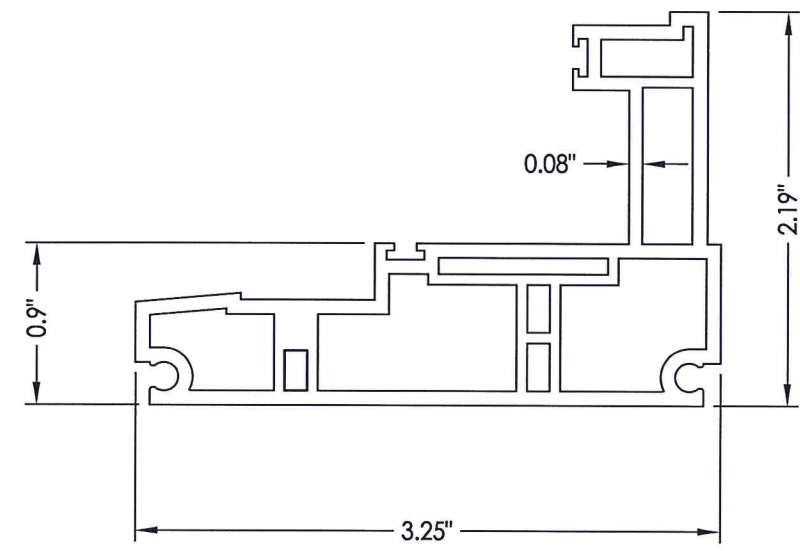
PRODUCT:	FIXED WINDOW	
PART OR ASSEMBLY:	FRAME ANCHORING & CROSS SECTIONS	
DATE:	12/03/13	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4414	
SHEET	2 OF 3	
NO.	DATE	BY
1	7/15/20	UPDATE TO 2018 IBC/IRC
		REVISIONS

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 2-1/2" PPH SMS (1-5/16" MIN. EMBEDMENT)	STEEL
1	EXTRUDED VINYL SASH FRAME *	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
3	EXTRUDED VINYL MAIN FRAME *	RIGID PVC
4	PECORA (896HIS) SEALANT	SILICONE
5	SASH REINFORCEMENT (3205)	STEEL
6	STEEL INTERCEPT SPACER	STEEL
7	LOCK HANDLE w/ GASKET (TRUTH)	-
8	TIE BAR (TRUTH) & GUIDE w/ #8 X 1" PPH SMS	STEEL
9	OPERATOR HANDLE (TRUTH)	-
10	SNUBBER (ASHLAND) w/ #8 X 1/2" PPH SMS	STEEL
11	KEEPER	-

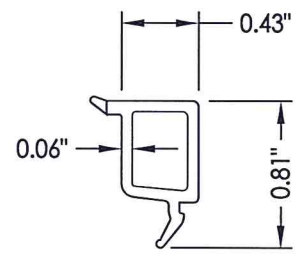
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



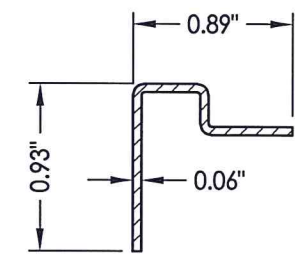
1 SASH FRAME



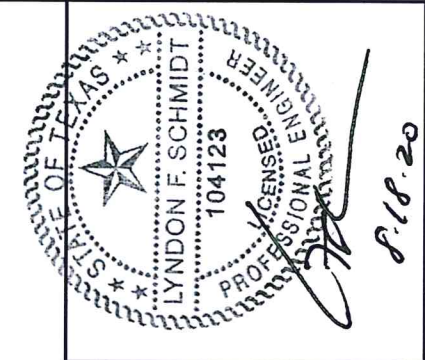
3 MAIN FRAME



2 GLAZING BEAD



5 SASH REINFORCEMENT



Documents Prepared By: Lyndon F. Schmidt, P.E.
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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:		FIXED WINDOW	
PART OR ASSEMBLY:		BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS	
NO.	DATE	BY	REVISIONS
1	7/15/20	LFS	UPDATE TO 2018 IBC/IRC
DATE: 12/03/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4414			
SHEET 3 OF 3			