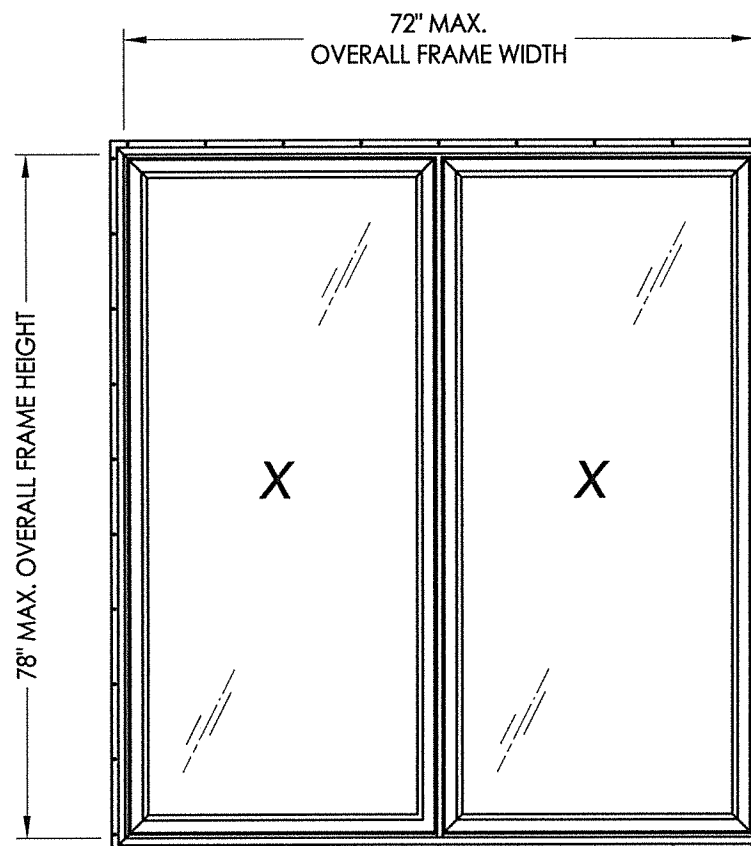


SERIES 0172
TWIN CASEMENT WINDOW
w/ NAILING FIN
"NON-IMPACT"



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
74.74" X 80.74"	72.0" x 78.0"	30.63" x 72.38"	G1	+25.0	-25.0
74.74" X 62.74"	72.0" x 60.0"	30.63" x 54.38"	G1	+30.0	-30.0
50.74" X 50.74"	48.0" x 48.0"	18.63" x 42.38"	G1	+50.0	-55.0

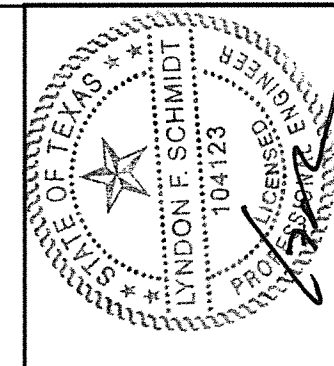
EVALUATED FOR USE IN THE STATE OF TEXAS

The Casement 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 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 1609.2 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	Vertical & horizontal cross sections & frame anchoring
3	Bill of materials, glazing details and components



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TEXAS P.E. #104123

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

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

NO.	DATE	BY	REVISIONS

DATE: 6/08/21

SCALE: N.T.S.

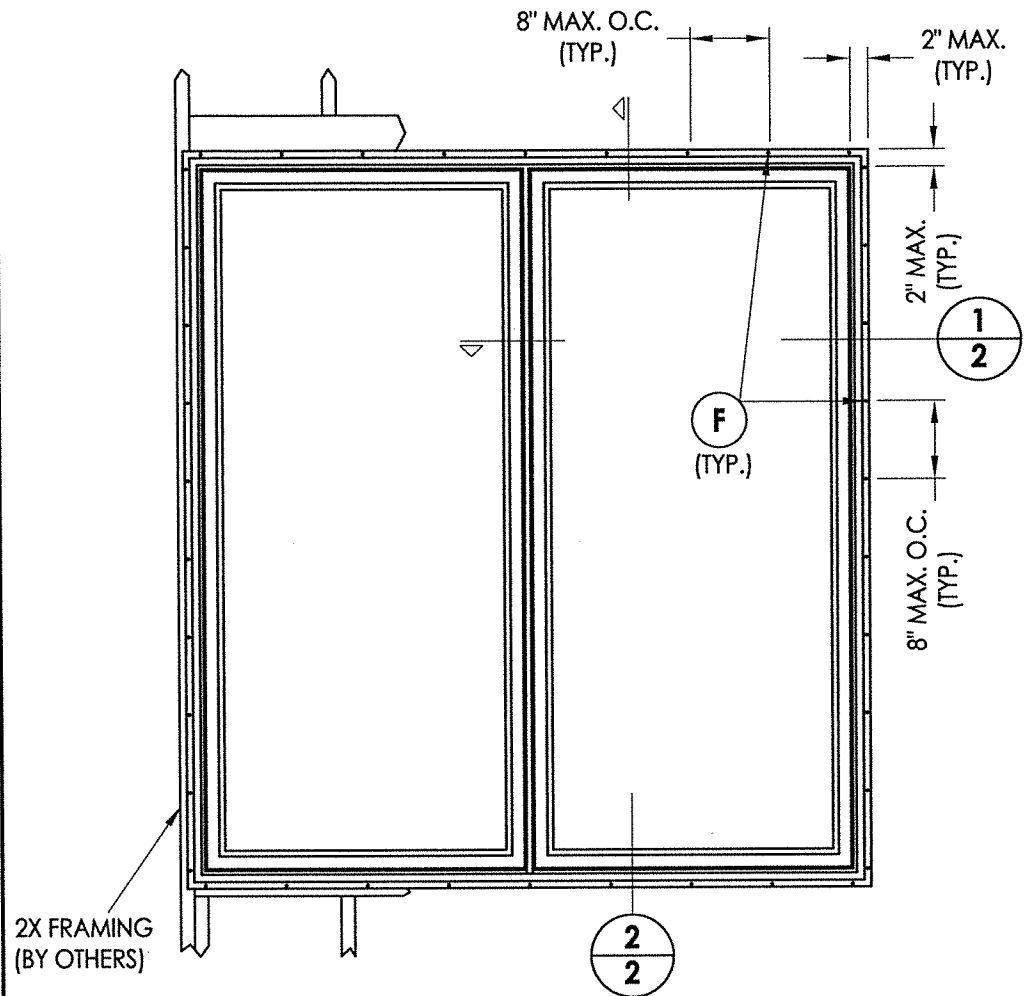
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: TX-5092

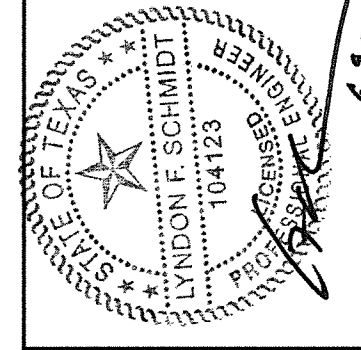
SHEET 1 OF 3

Z:\Clients\Associated PERMANENT B - Texas Dept of Ins\Casement\WIN-XXX Sereis 017X Casement\C - Drawings\TX-5091.92.93.dwg



HARDWARE NOTES (EACH SASH):

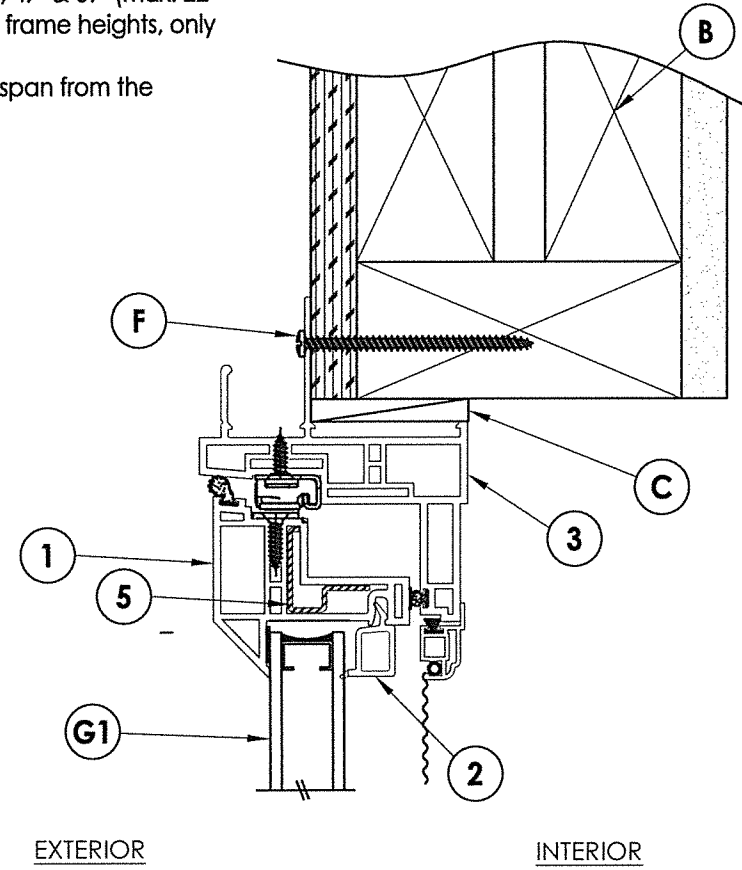
1. Lock Keepers/Tie Bar Guides (4) are located 3", 25", 47" & 69" (max. 22" o.c.) from the bottom of the frame. For 60" (or less) frame heights, only (3) Keepers/Tie Bar Guides are required.
2. Snubbers (3) are located at 1/4 points and at mid-span from the bottom of the frame.



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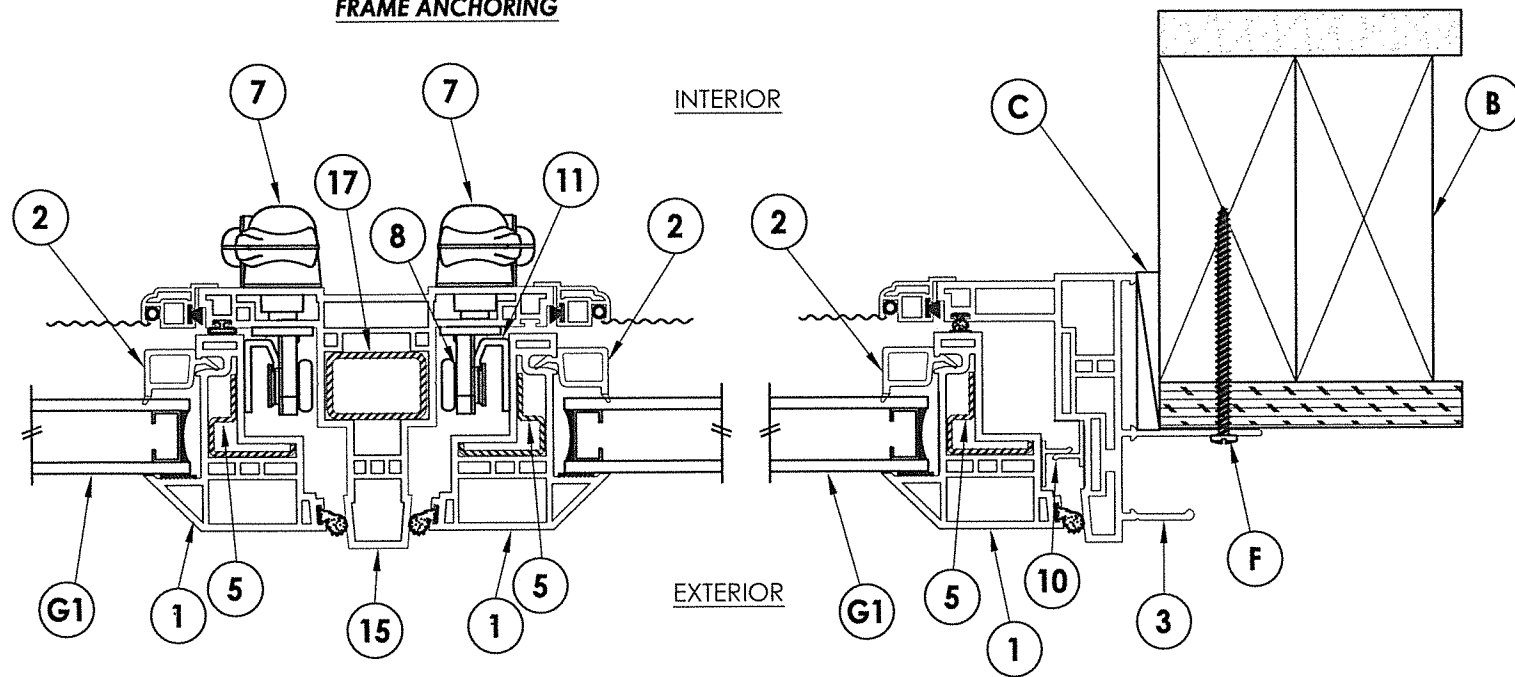
TEXAS BOARD OF PROFESSIONAL ENGINEERS
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EXTERIOR

INTERIOR

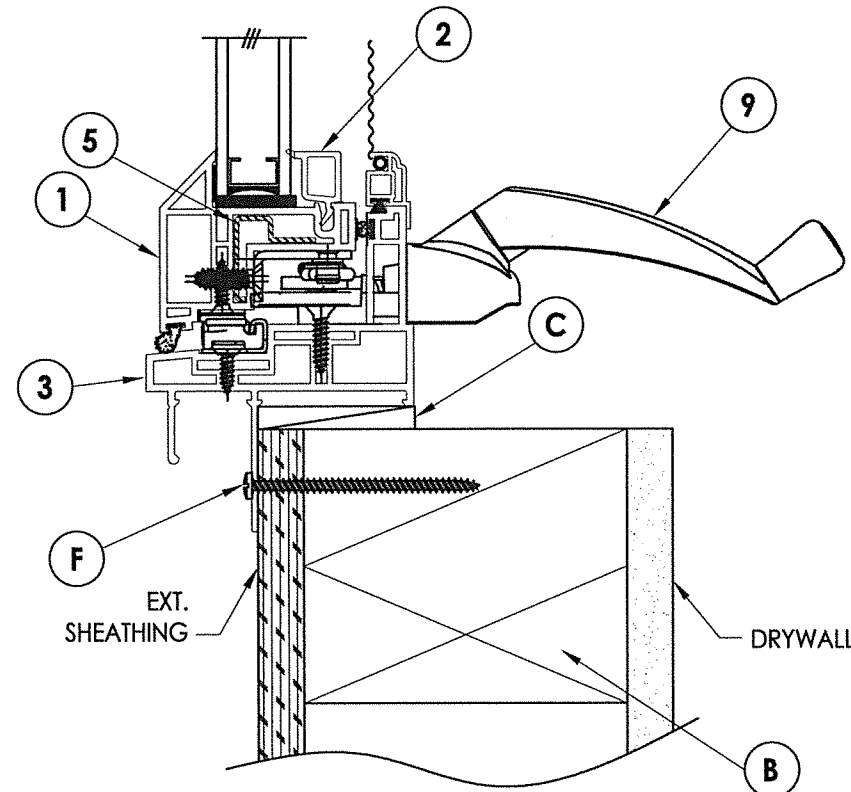
FRAME ANCHORING



INTERIOR

EXTERIOR

1
2 HORIZONTAL CROSS SECTION



2
2 VERTICAL CROSS SECTION

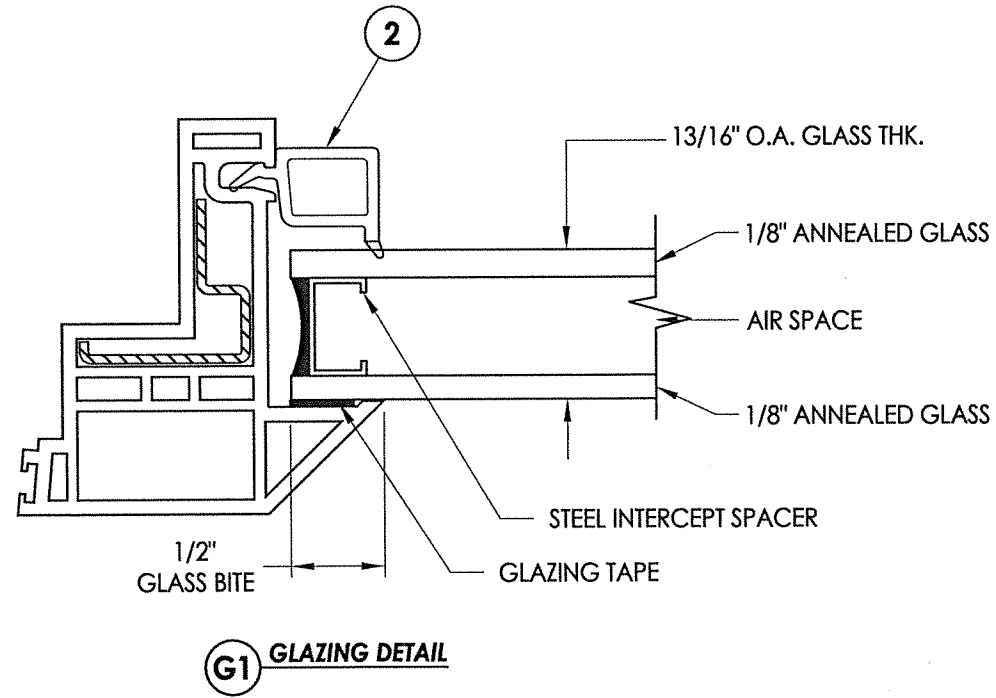
PRODUCT:	CASEMENT WINDOW	
PART OR ASSEMBLY:	VERTICAL & HORIZONTAL CROSS SECTIONS & FRAME ANCHORING	
NO.	DATE	BY
		REVISIONS
DATE:	6/08/21	
SCALE:	N.T.S.	
DWG. BY:	RW	
CHK. BY:	LFS	
DRAWING NO.:	TX-5092	
SHEET	2	OF 3

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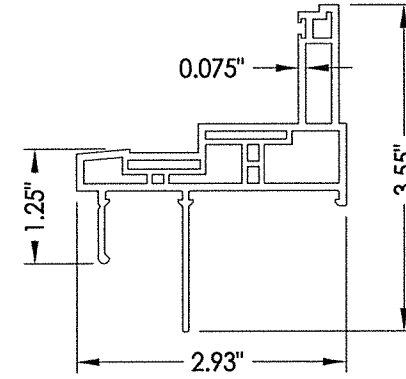
BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
H	#8 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
1	EXTRUDED VINYL SASH*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD*	RIGID PVC
3	EXTRUDED VINYL FRAME*	RIGID PVC
5	SASH REINFORCEMENT (3205)	STEEL
7	LOCK HANDLE w/ GASKET (ASHLAND)	-
8	TIE BAR & GUIDE (ASHLAND) w/ #8 X 1" PPH SMS	-
9	OPERATOR HANDLE (ASHLAND)	-
10	SNUBBER (ASHLAND) w/ #8 X 1/2" PPH SMS	STEEL
11	KEEPER (ASHLAND)	-
15	MULLION*	RIGID PVC
17	MULLION REINFORCEMENT	STEEL

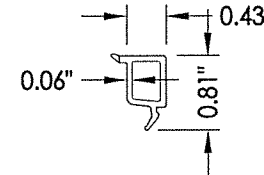
*THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS."



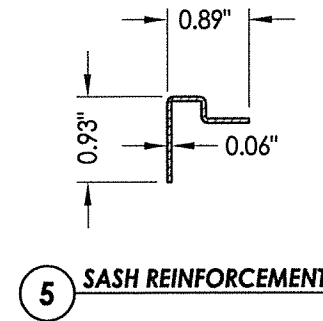
G1 GLAZING DETAIL



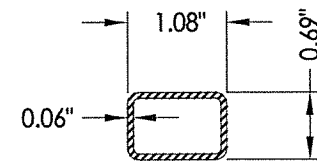
3 FRAME



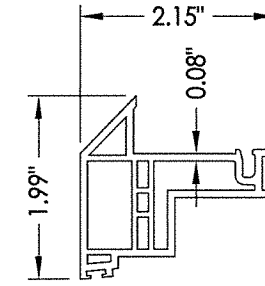
2 GLAZING BEAD



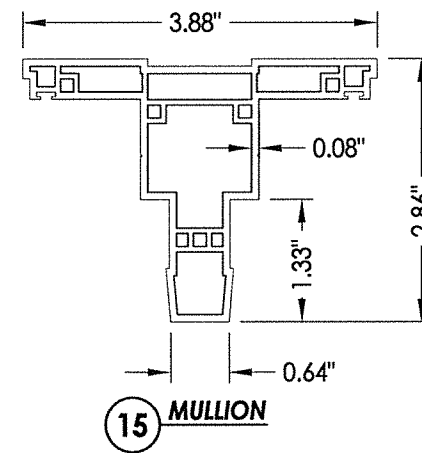
5 SASH REINFORCEMENT



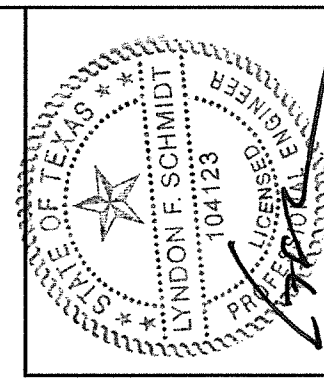
17 MULLION REINFORCEMENT



1 SASH



15 MULLION



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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	CASEMENT WINDOW
PART OR ASSEMBLY:	BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS

NO.	DATE	BY	REVISIONS

DATE:	6/08/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	TX-5092
SHEET	3 OF 3