

MODEL 3001/3A01 "ST"
Extruded Vinyl Double Hung Window
w/ Nailing Fin
"NON-IMPACT"

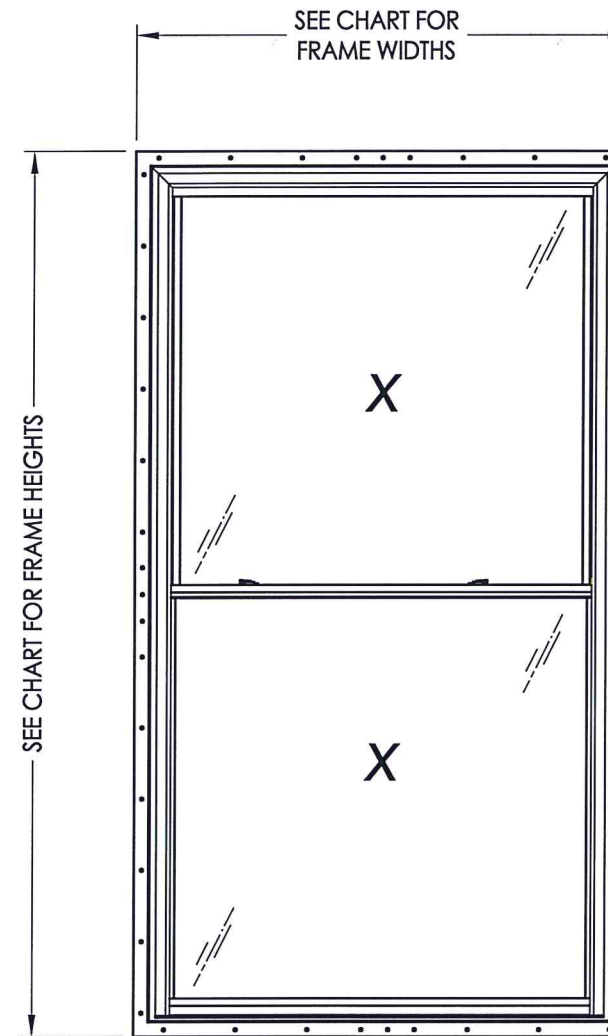
EVALUATED FOR USE IN THE STATE OF TEXAS

TDI WIN-2197

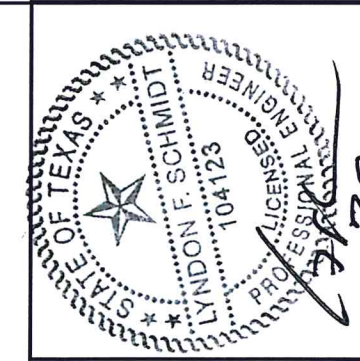
The Double Hung Window described herein complies with the 2018 International Residential Code (IRC), Sections R301 & R609 and the 2018 International Building Code (IBC), Sections 1404.13, 1609, 1709.5, 2403 and 2404 subject to the following conditions:

1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond 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



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
36.0" X 72.0"	30.12" X 32.75"	G1	+40.0	-40.0
52.0" X 62.0"	46.12" X 27.75"	G1	+30.0	-30.0



Documents Prepared By: Lyndon F. Schmidt, P.E.
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Phone No.: 813.659.9197

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

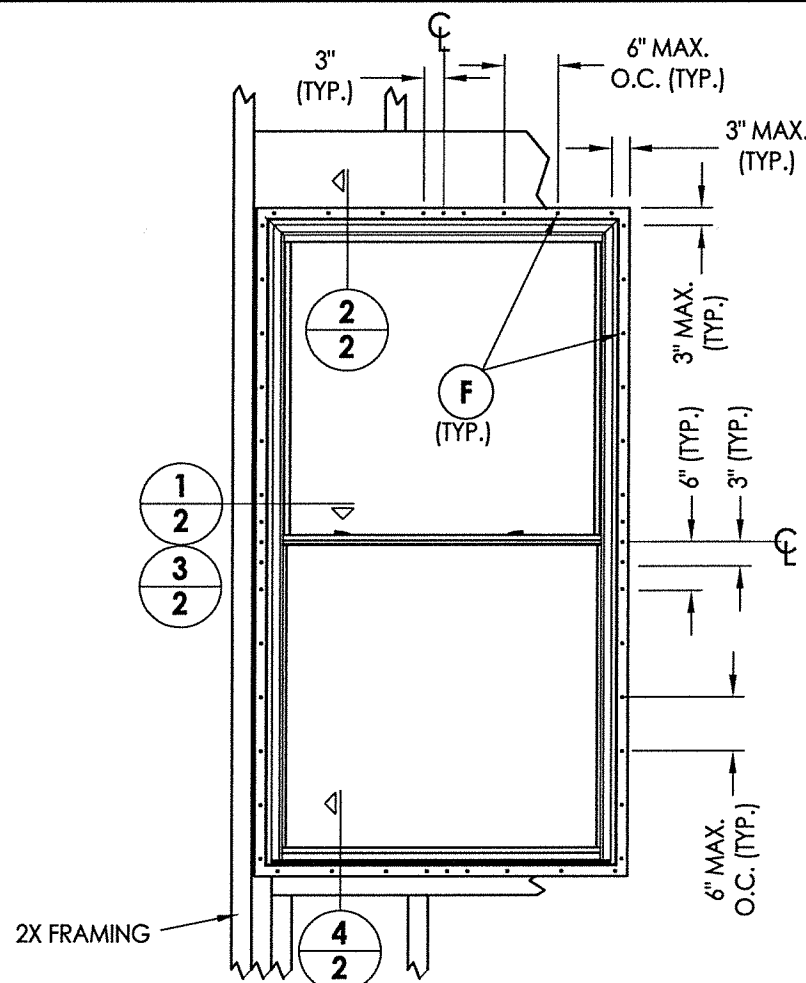
PRODUCT: DOUBLE HUNG WINDOW

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

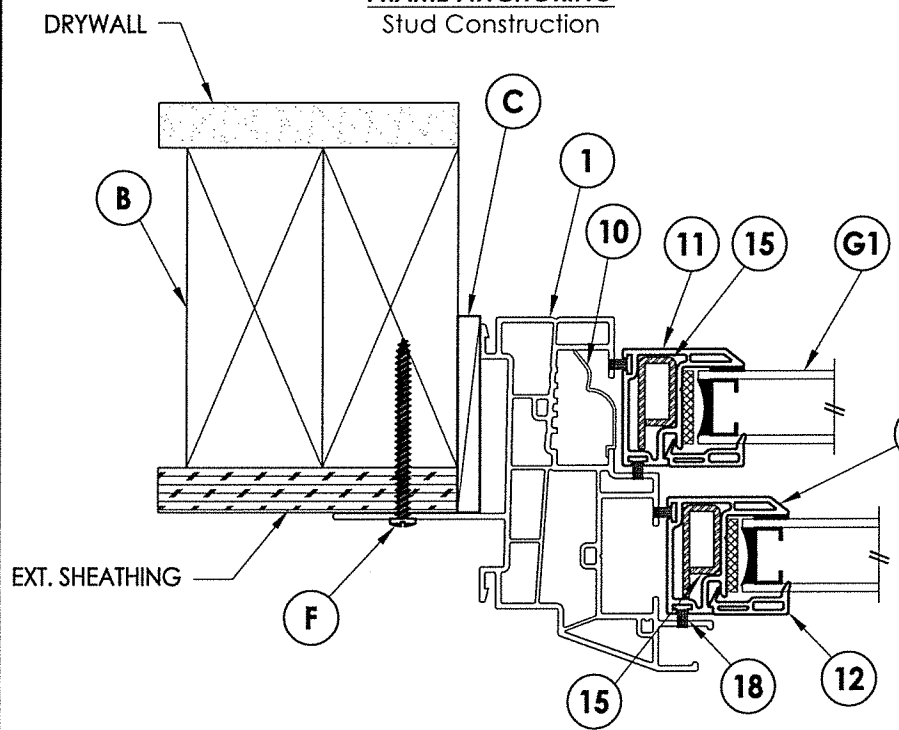
NO.	DATE	REVISIONS
1	7/09/20	UPDATE TO 2018 IBC/IRC

DATE: 8/31/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4630
SHEET 1 OF 3

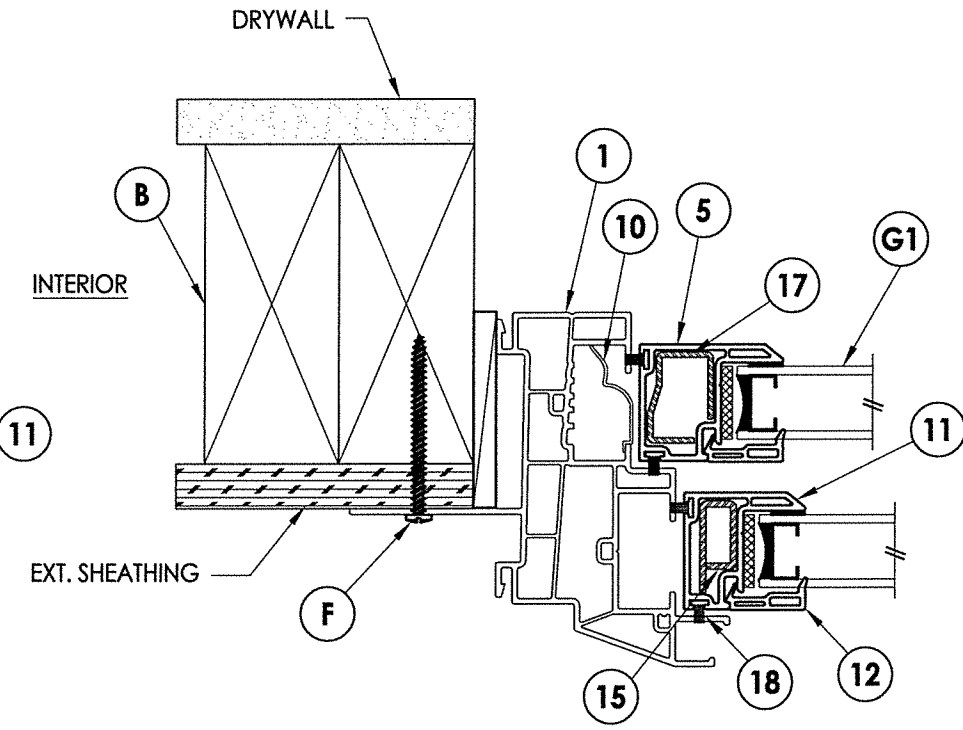
R:\Clients\Associated PERMANENT\B - Texas Dept of Ins\Double Hung\WIN 2197 3001 ST Mezzo Series DH W-Nail Fin\VC - Drawings\TX-4630.dwg, 1-2



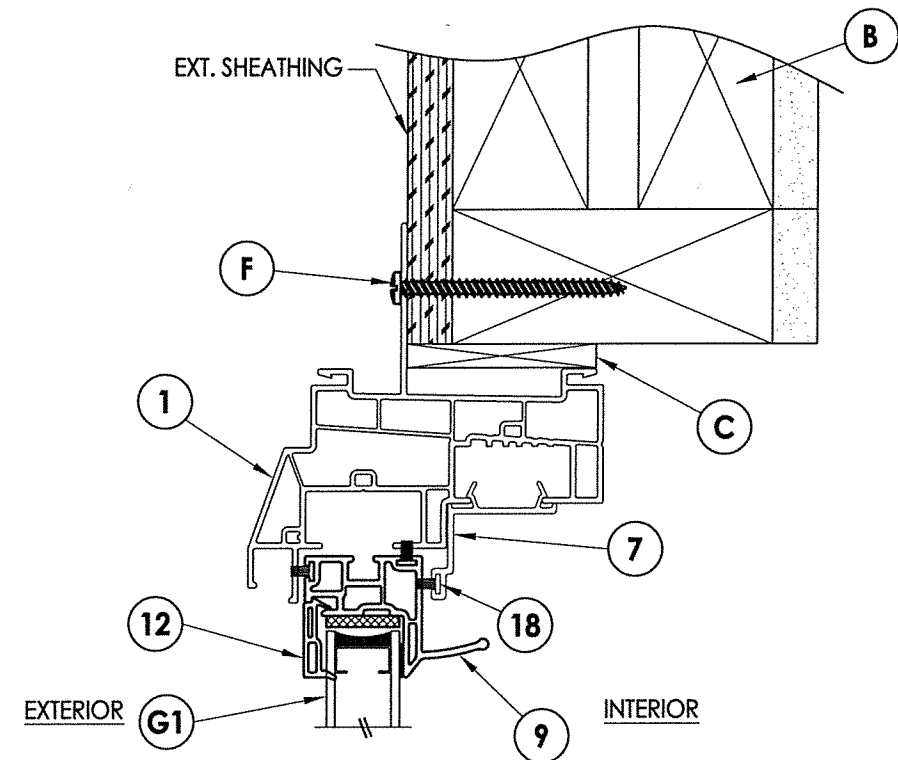
FRAME ANCHORING
Stud Construction



1 HORIZONTAL CROSS SECTION
2 Shown w/ SM Sash Stiles

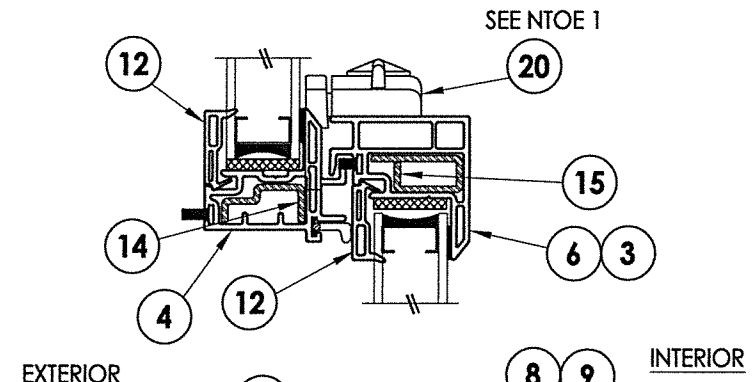


3 HORIZONTAL CROSS SECTION
2 Shown w/ MED Sash Stiles

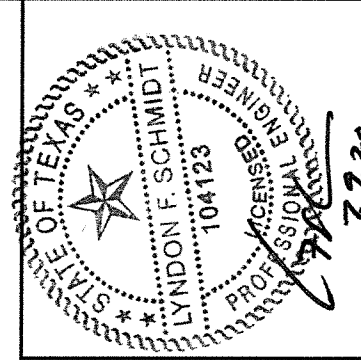
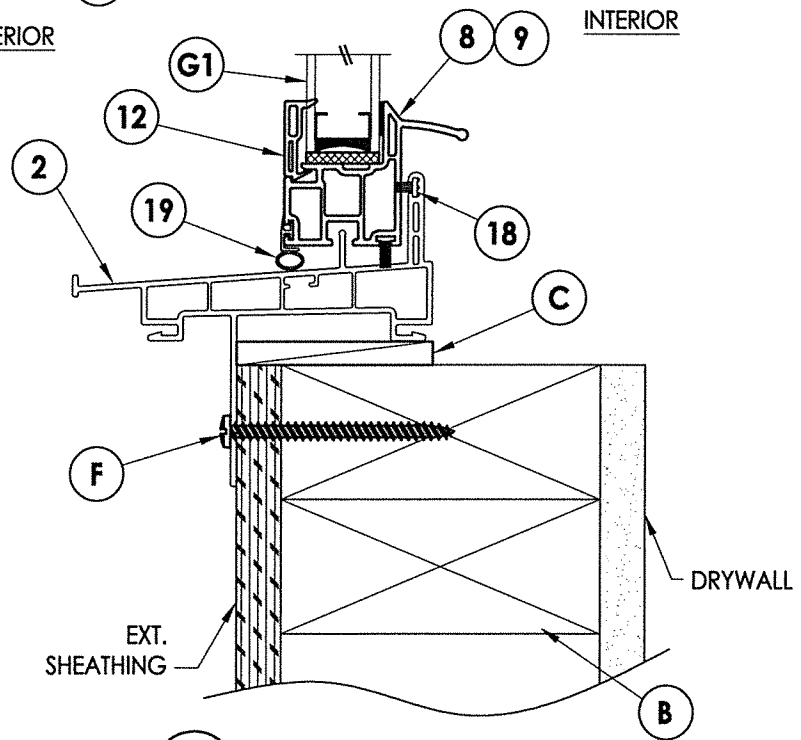


2 HORIZONTAL CROSS SECTION

NOTE:
1. Locks (2) located 8-1/2" from the end of each sash.



4 VERTICAL CROSS SECTION
2 Shown w/ MED Sash Rails



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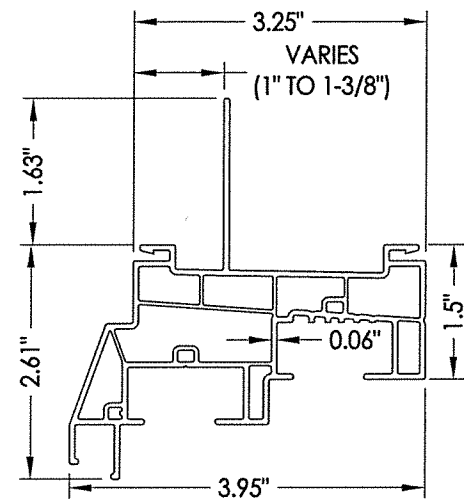
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	DOUBLE HUNG WINDOW	
PART OR ASSEMBLY:	VERTICAL & HORIZONTAL CROSS SECTIONS & FRAME ANCHORING	
NO.	DATE	BY
1	7/09/20	LFS
UPDATE TO 2018 IBC/IRC		
REVISIONS		
DATE:	8/31/16	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4630	
SHEET	2 OF 3	

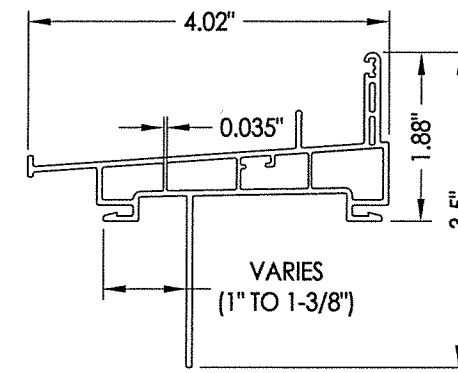
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (SG => 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#8 X 1-3/4" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
1	EXTRUDED VINYL HEAD AND JAMB *	RIGID PVC
2	EXTRUDED VINYL SILL*	RIGID PVC
3	EXTRUDED VINYL LOCK RAIL (SM) *	RIGID PVC
4	EXTRUDED VINYL MEETING RAIL*	RIGID PVC
5	EXTRUDED VINYL BOTTOM SASH STILE (MED) *	RIGID PVC
6	EXTRUDED VINYL LOCK RAIL (MED) *	RIGID PVC
7	EXTRUDED VINYL HEAD INSERT *	RIGID PVC
8	EXTRUDED VINYL BOTTOM LIFT RAIL (MED) *	RIGID PVC
9	EXTRUDED VINYL TOP PULL/BTM LIFT RAIL (SM)*	RIGID PVC
10	BALANCE COVER	-
11	EXTRUDED VINYL SASH STILE (SM)*	RIGID PVC
12	GLAZING BEAD*	RIGID PVC
14	REINFORCEMENT - MEETING RAIL	STEEL
15	REINFORCEMENT - LOCK RAIL	STEEL
16	REINFORCEMENT - SM. STILE	STEEL
17	REINFORCEMENT - MED. STILE	STEEL
18	WEATHERSTRIP (FIN PILE)	-
19	WEATHERSTRIP (VINYL BULB)	-
20	CAM LOCK	STEEL

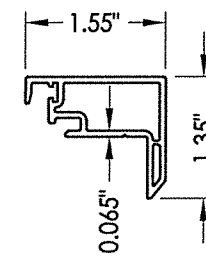
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



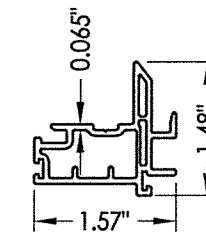
1 HEAD & JAMB



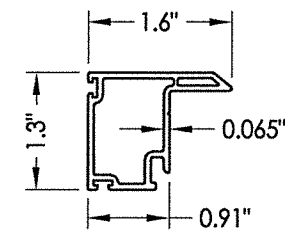
2 SILL



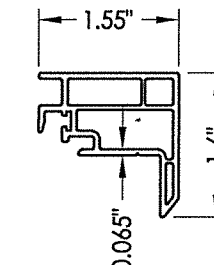
3 LOCK RAIL SM



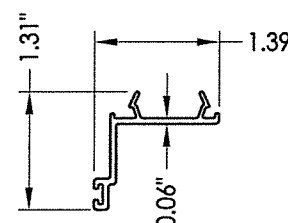
4 MEETING RAIL



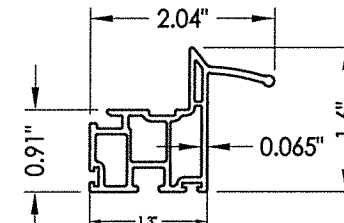
5 BOTTOM SASH STILE MED



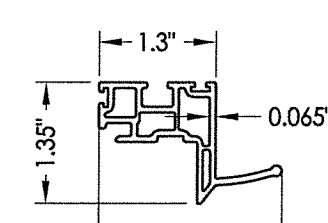
6 LOCK RAIL MED



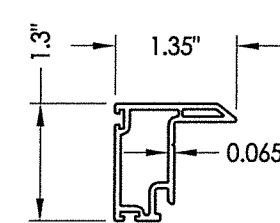
7 HEAD INSERT



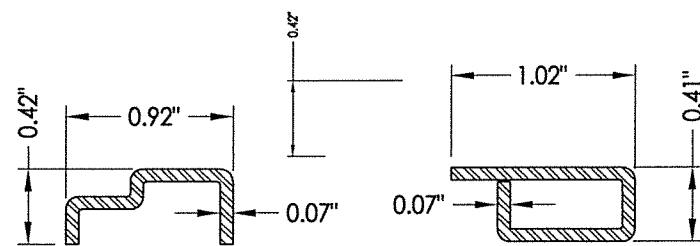
8 BOTTOM LIFT RAIL MED



9 TOP PULL/BTM LIFT RAIL SM

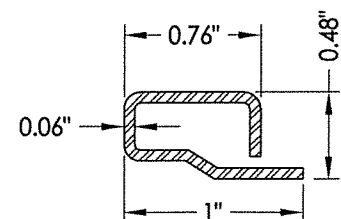


11 SASH STILE SM

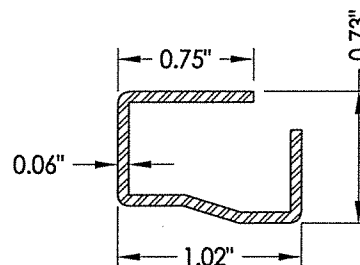


14 REINFORCEMENT Meeting Rail

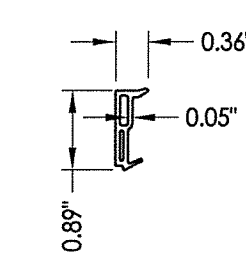
15 REINFORCEMENT Lock Rail



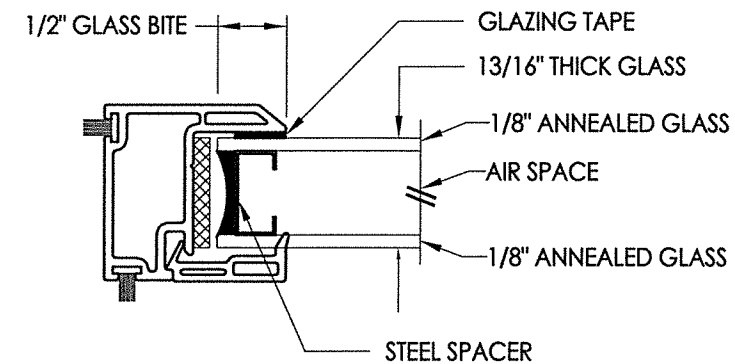
16 REINFORCEMENT SM Stiles



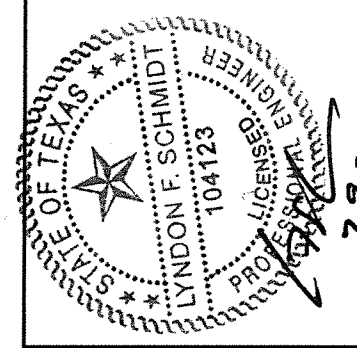
17 REINFORCEMENT MED Stiles



12 GLAZING BEAD



G1 GLAZING DETAIL



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PRODUCT:	DOUBLE HUNG WINDOW	
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DATE:	8/31/16	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4630	
SHEET	3 OF 3	
NO.	DATE	BY
1	7/09/20	UPDATE TO 2018 IBC/IRC
		LFS
		BY
		REVISIONS