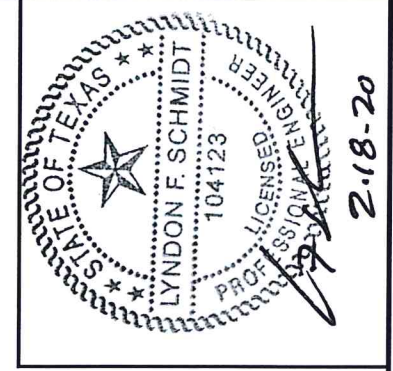
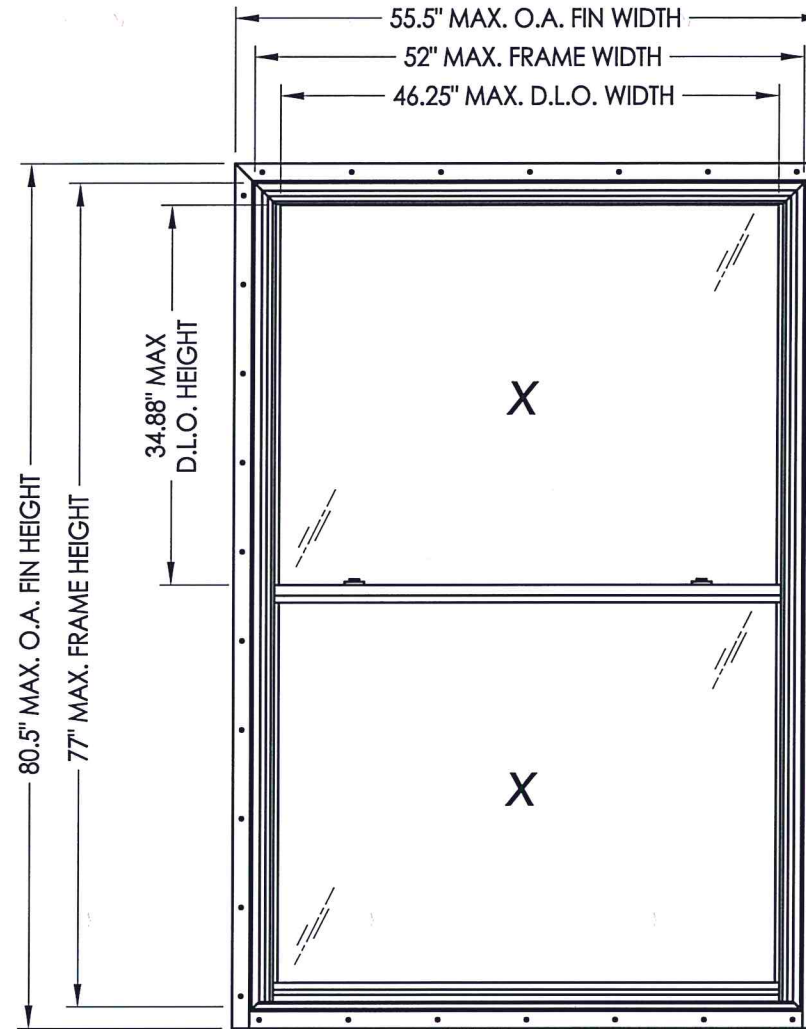


# WINCORE™

## WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

### 400 Series Vinyl Double Hung Window w/ Nailing Fin "NON-IMPACT"



EVALUATED FOR USE IN THE STATE OF TEXAS

**TDI WIN-1898**

The Wincore 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 1609.1.2 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	Vertical & horizontal cross sections & frame anchoring
3	Bill of materials & components

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	REINFORCEMENT LOCATIONS	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
44.0" X 60.0"	38.25" X 26.38"	G1	None	+35.0	-35.0
32.0" X 78.0"	26.25" X 35.38"	G1	None	+45.0	-45.0
40.0" X 68.0"	34.25" X 30.38"	G2	None	+30.0	-30.0
52.0" X 63.0"	46.25" X 27.88"	G1	Mtg. Rail / Lock Rail	+30.0	-30.0
36.0" X 68.0"	30.25" X 30.38"	G1	All Rails & Stiles	+50.0	-50.0
38.0" X 59.0"	32.25" X 25.88"	G1	Mtg. Rail / Lock Rail	+50.0	-50.0
46.0" X 77.0"	40.25" X 34.88"	G1	All Rails & Stiles	+35.0	-35.0

Documents Prepared By: Lyndon F. Schmidt, P.E.  
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**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

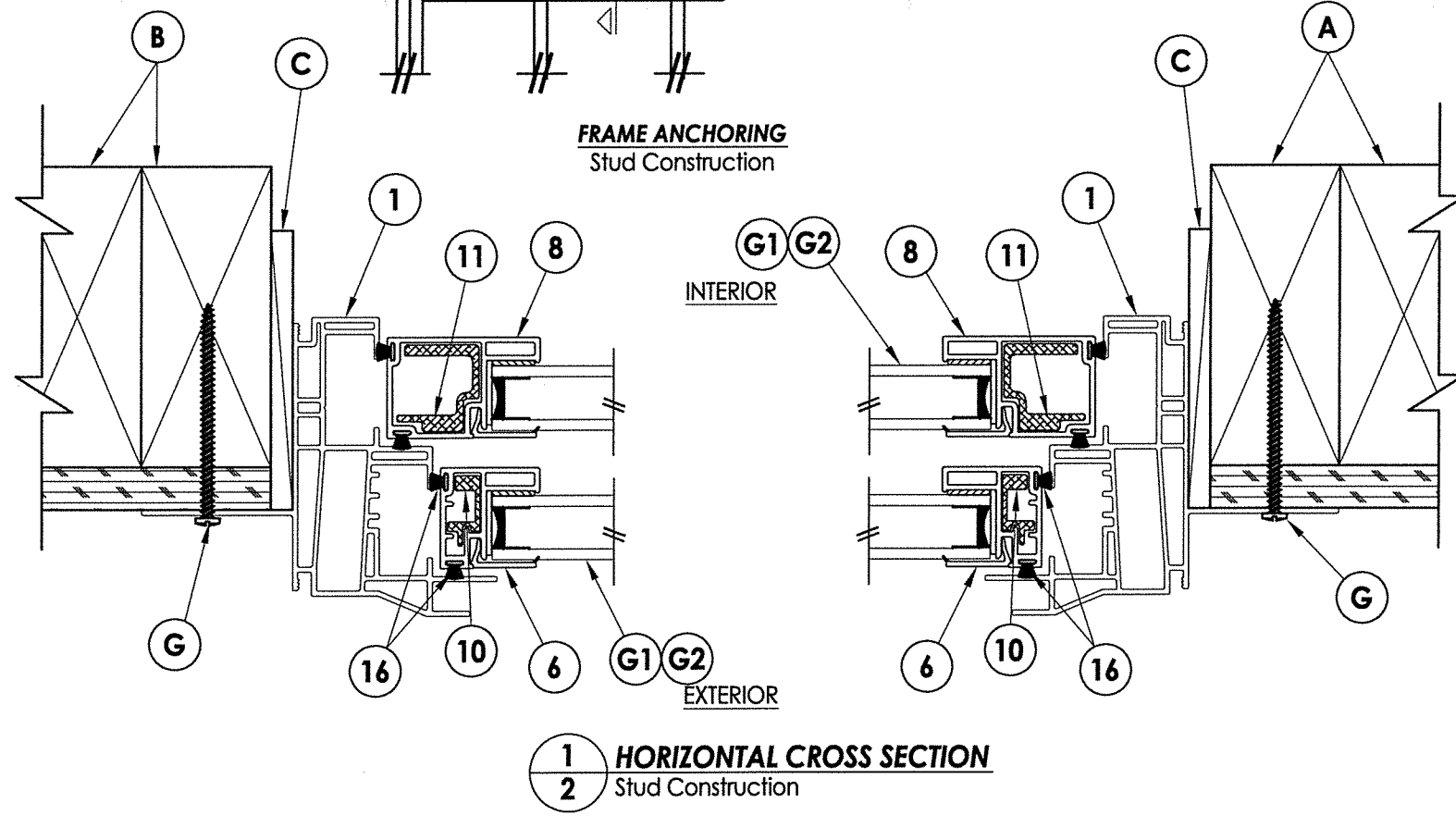
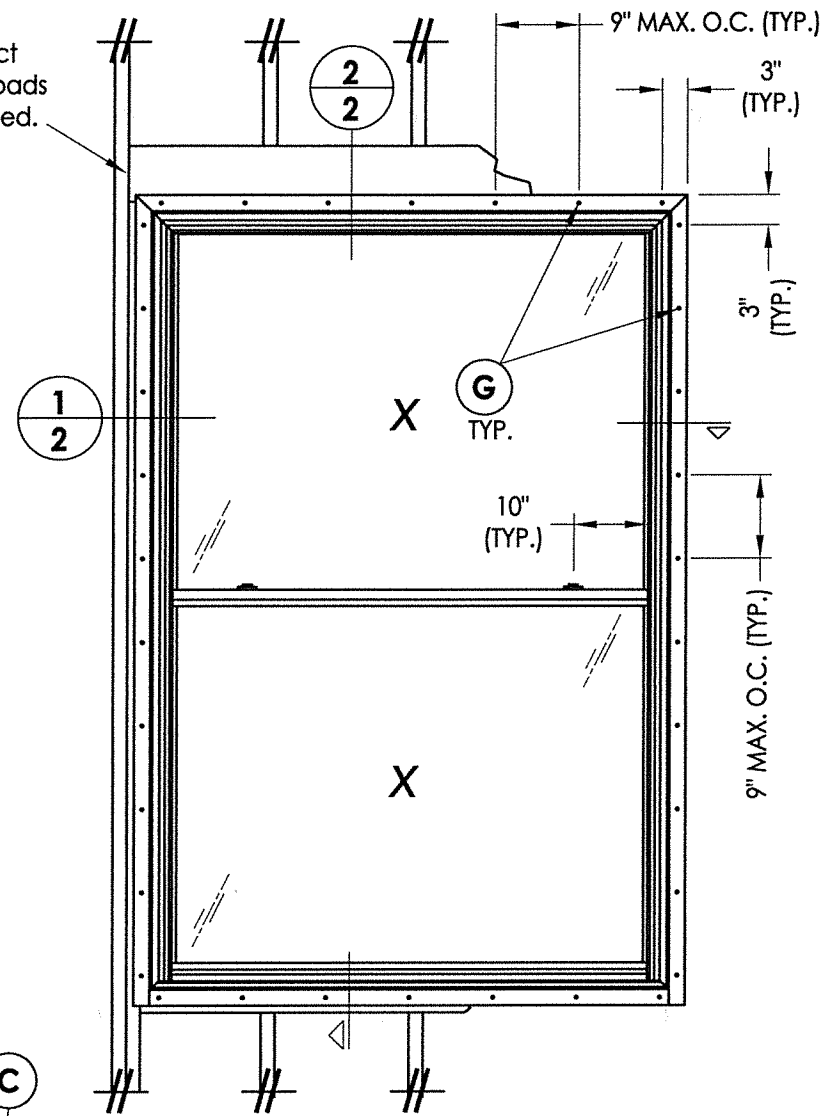
PRODUCT: 400 SERIES Vinyl Double Hung Window  
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS
2	1/20/20	LFS	UPDATE TO 2018 IBC/IRC
1	2/09/16	LFS	ADD NEW FRAME SIZES

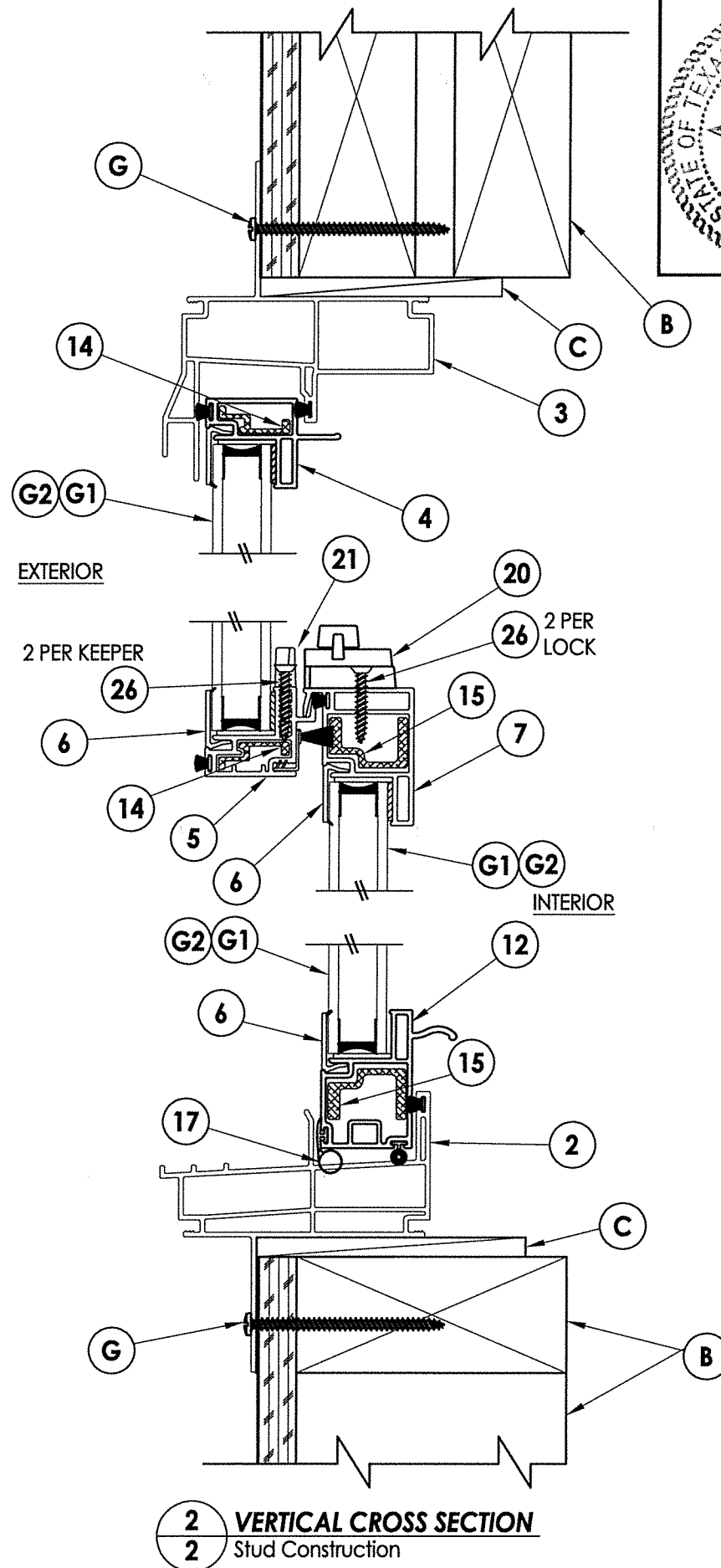
DATE: 8/14/13  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4344  
SHEET 1 OF 3

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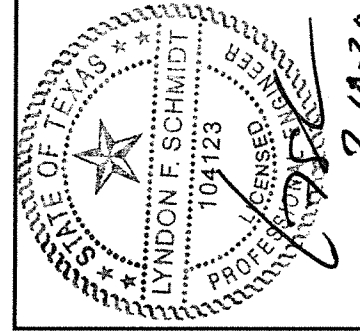
2x framing to be designed by the engineer or architect of record based on wind loads and the cladding being used.



**1 HORIZONTAL CROSS SECTION**  
2 Stud Construction



**2 VERTICAL CROSS SECTION**  
2 Stud Construction



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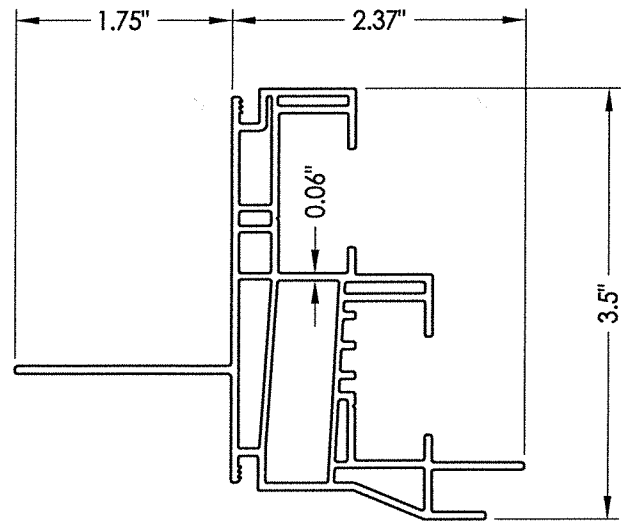
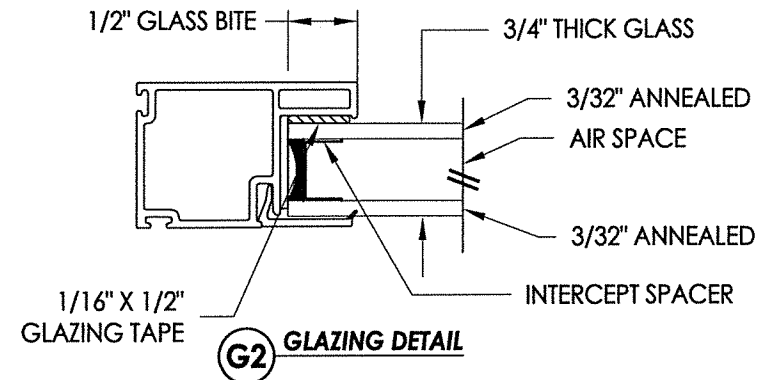
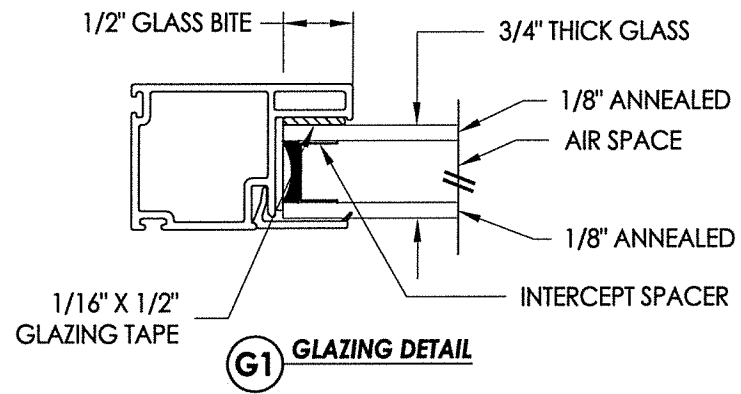
PRODUCT:	400 SERIES Vinyl Double Hung Window	
PART OR ASSEMBLY:	VERTICAL & HORIZONTAL CROSS SECTIONS & FRAME ANCHORING	
DATE:	8/14/13	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4344	
SHEET	2 OF 3	
NO.	DATE	BY
2	1/20/20	LFS
1	2/09/16	LFS
REVISIONS		

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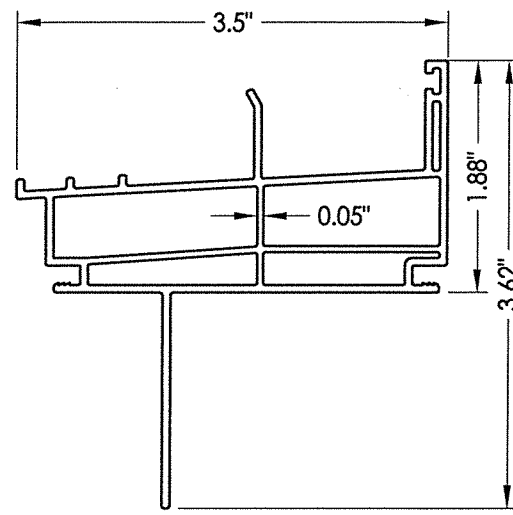
R:\Clients\Wincore PERMANENT\B - Texas Dept of Ins\Double Hung\WIN 1898 - Series 400.500\C - Drawings\2018 IBC UPDATE\TX-4344.dwg, 3.1

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
G	#8 X 2-1/2" PPH WOOD SCREW	STEEL
1	FRAME JAMB*	PVC
2	SILL*	PVC
3	FRAME HEAD*	PVC
4	TOP RAIL UPPER SASH*	PVC
5	KEEPER RAIL UPPER SASH*	PVC
6	GLAZING BEAD*	PVC
7	LOCK RAIL LOWER SASH*	PVC
8	LOWER SASH STILE*	PVC
10	REINFORCEMENT (6005-T5) ALUM	ALUM
11	REINFORCEMENT (6005-T5) ALUM	ALUM
12	BOTTOM RAIL LOWER SASH*	PVC
14	REINFORCEMENT (6005-T5) ALUM	ALUM
15	REINFORCEMENT (6005-T5) ALUM	ALUM
16	WEATHERSTRIP ULTRA FAB .270 PILE - 270 -1875B	-
17	WEATHERSTRIP SILLBULB (AMESBURY 32690)	-
20	LOCK	-
21	KEEPER	-
26	#8 X 1" TEK SCREW	STEEL

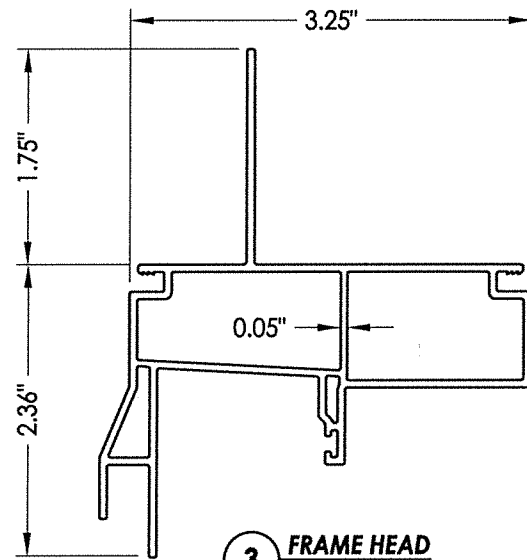
\* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



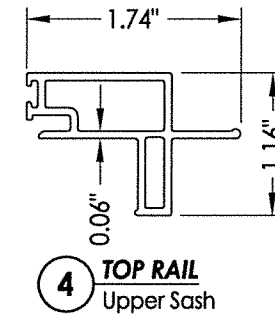
**1 FRAME JAMB**



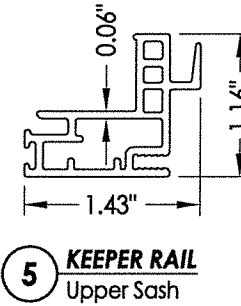
**2 FRAME SILL**



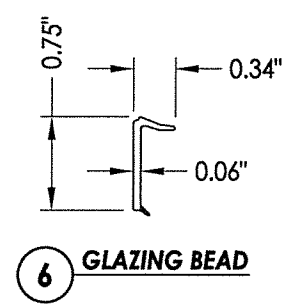
**3 FRAME HEAD**



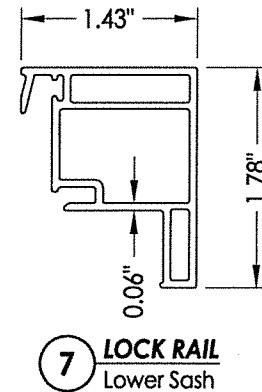
**4 TOP RAIL Upper Sash**



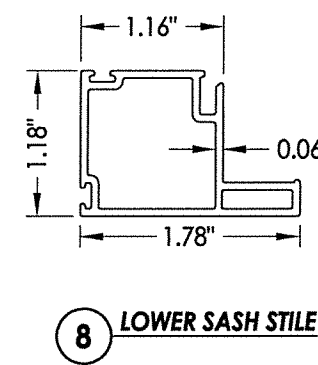
**5 KEEPER RAIL Upper Sash**



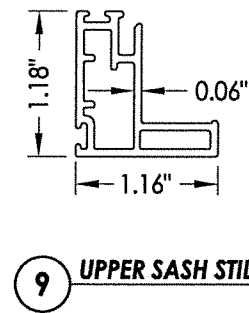
**6 GLAZING BEAD**



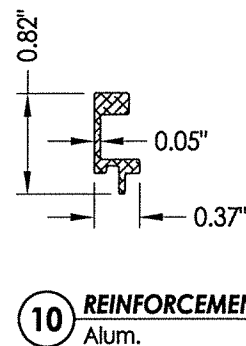
**7 LOCK RAIL Lower Sash**



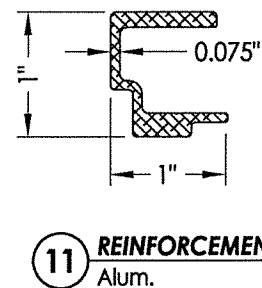
**8 LOWER SASH STILE**



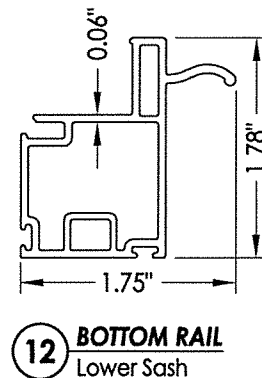
**9 UPPER SASH STILE**



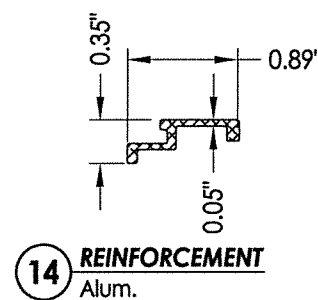
**10 REINFORCEMENT Alum.**



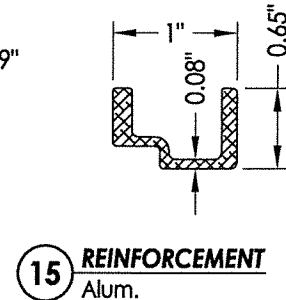
**11 REINFORCEMENT Alum.**



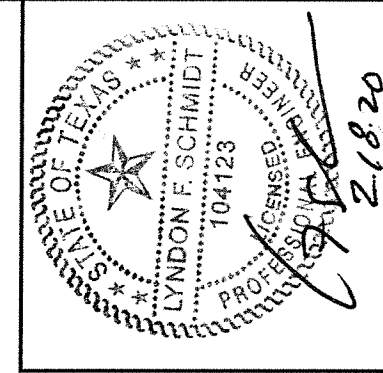
**12 BOTTOM RAIL Lower Sash**



**14 REINFORCEMENT Alum.**



**15 REINFORCEMENT Alum.**



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PRODUCT:	400 SERIES Vinyl Double Hung Window
PART OR ASSEMBLY:	COMPONENTS
DATE:	8/14/13
SCALE:	N.T.S.
DWG. BY:	JK
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DRAWING NO.:	TX-4344
SHEET	3 OF 3

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