

WINCORETM

WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

8400 Series Vinyl Awning Window "NON-IMPACT"

EVALUATED FOR USE IN THE STATE OF TEXAS

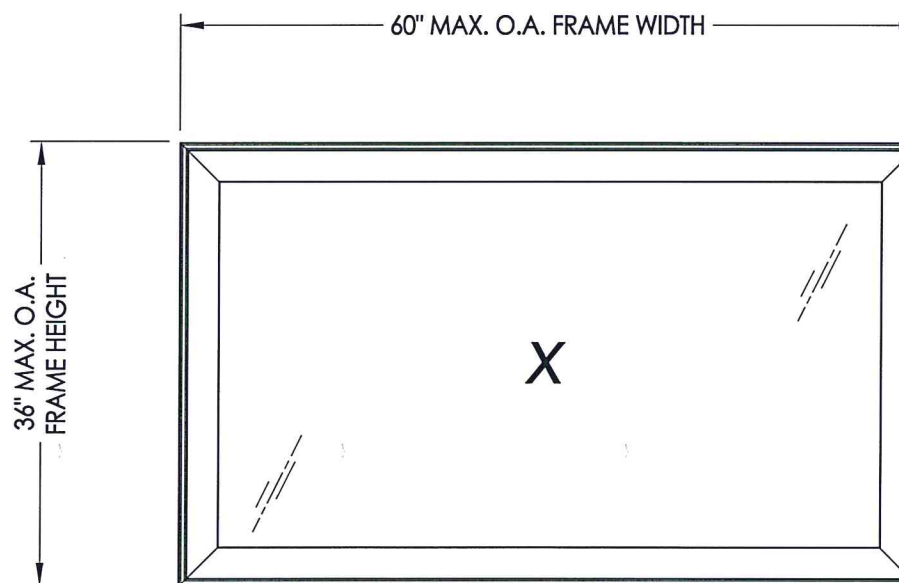
TDI WIN-1747

The Wincore Awning 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:

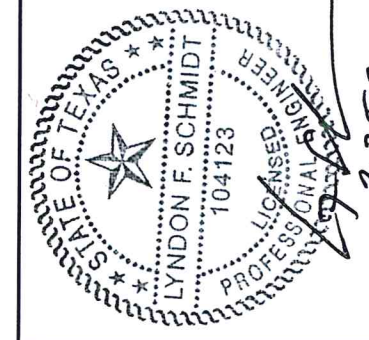
1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 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 and general notes
2	Vertical & horizontal cross sections
3	Frame anchoring
4	Bill of materials, components & glazing details



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
60.0" X 36.0"	53.5" X 29.5"	G1	+50.0	-50.0
60.0" X 36.0"	53.5" X 29.5"	G2	+55.0	-55.0



Documents Prepared By: Lyndon F. Schmidt, P.E.
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: 8400 SERIES Vinyl Awning Window
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS
1	1/16/20	UPDATE TO 2018 IRC/IRC & REVISE D.P. TABLE/ANCHORING

DATE: 9/10/12

SCALE: N.T.S.

DWG. BY: JK

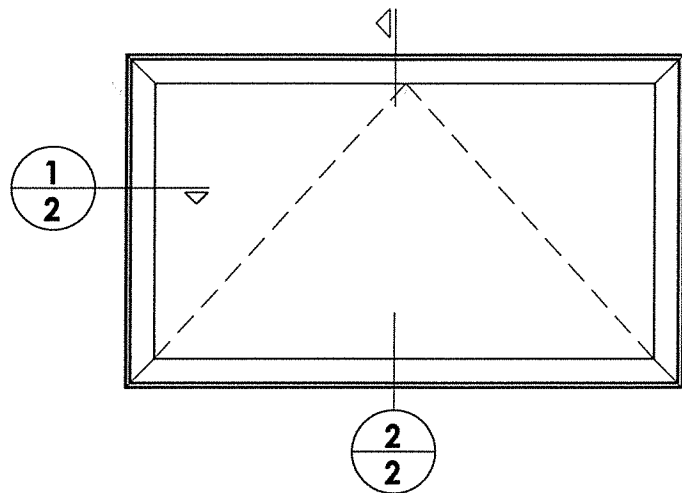
CHK. BY: LFS

DRAWING NO.:

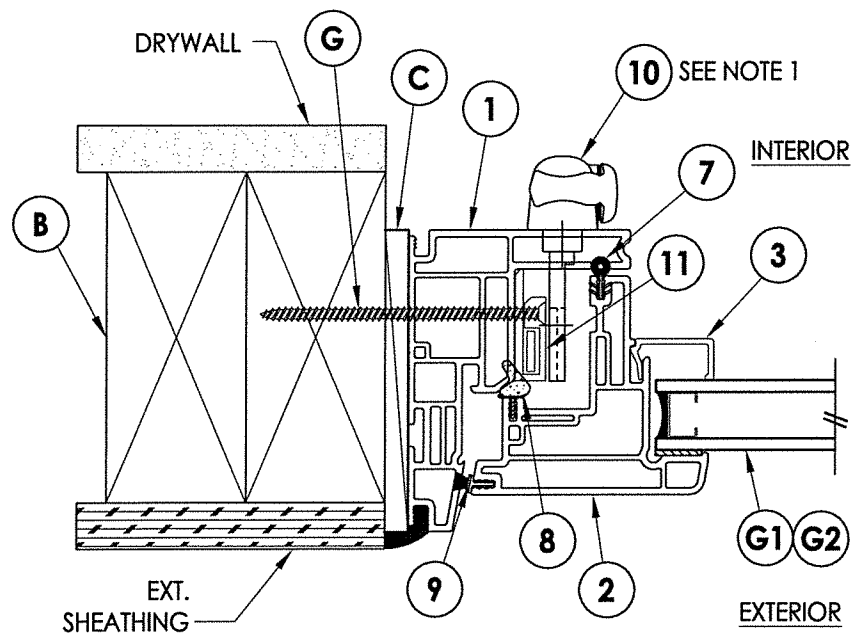
TX-4240

SHEET 1 OF 4

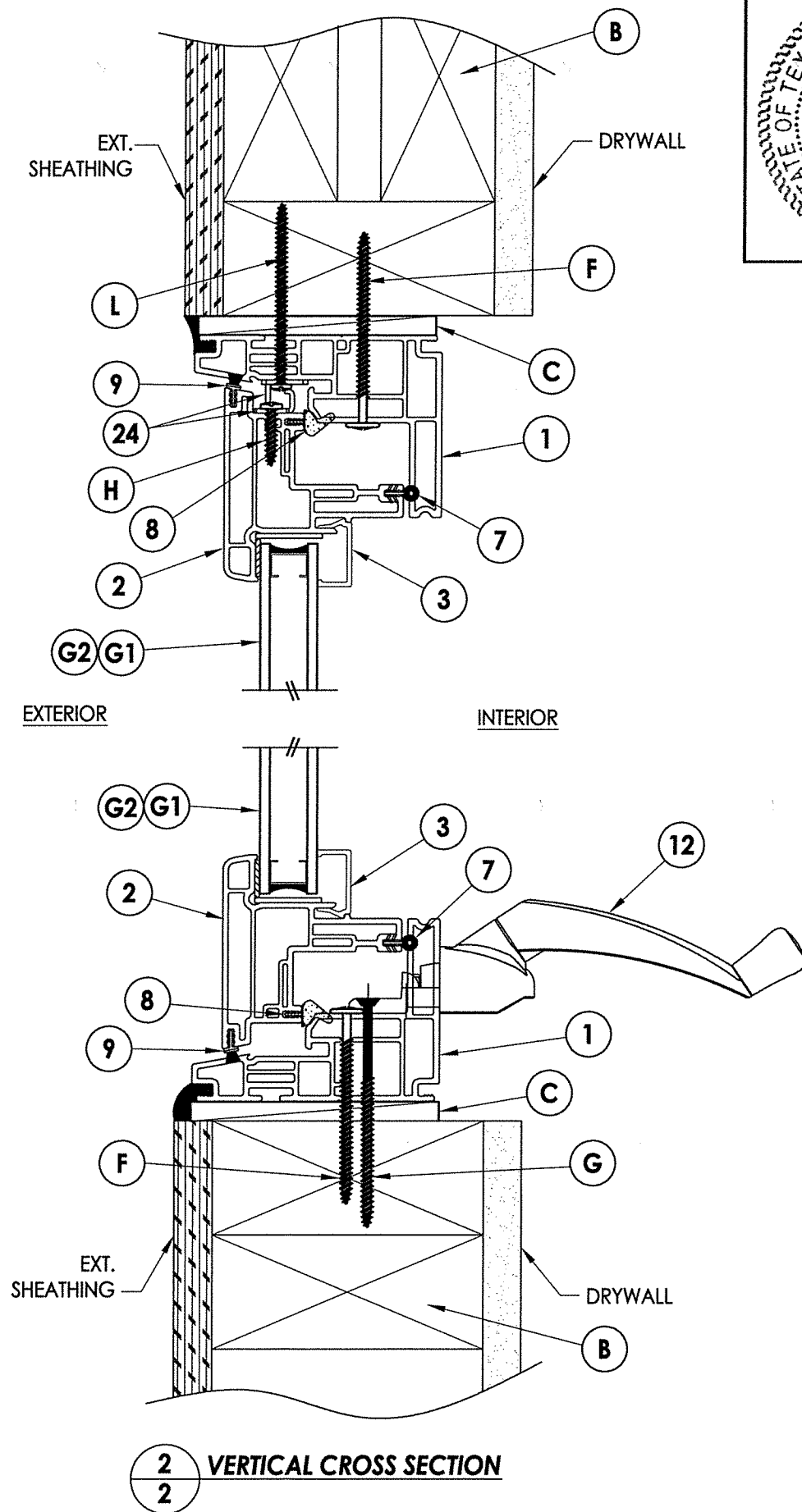
R:\Clients\Wincore PERMANENT B - (2018) Texas Dept of Ins\WIN 1747 - Awning 8400\C - Drawings\2018 IBC UPDATE\TX-4240.dwg, 2.1



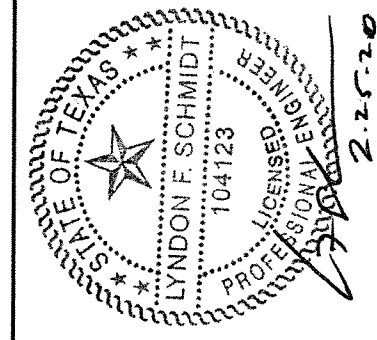
NOTES:
1. Locks located 9" up from frame bottom of each stile (2 total).



1 HORIZONTAL CROSS SECTION
2 Shown w/ 2X buck



2 VERTICAL CROSS SECTION

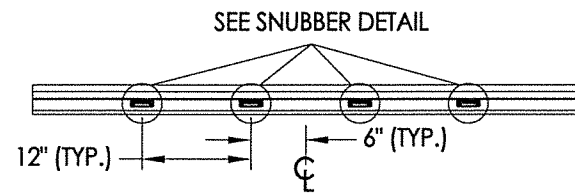


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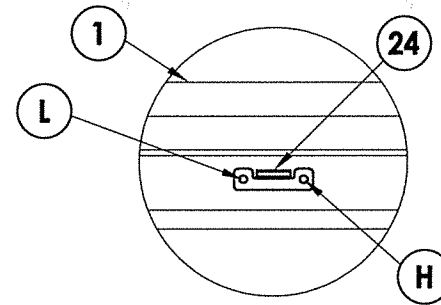
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PRODUCT:	8400 SERIES Vinyl Awning Window		
PART OR ASSEMBLY:	VERTICAL & HORIZONTAL CROSS SECTIONS & FRAME ANCHORING		
DATE:	9/10/12		
SCALE:	N.T.S.		
DWG. BY:	JK		
CHK. BY:	LFS		
DRAWING NO.:	TX-4240		
SHEET	2 OF 4		
NO.	DATE	BY	REVISIONS
1	1/16/20	LFS	UPDATE TO 2018 IBC/IRC & REVISE D.P. TABLE/ANCHORING

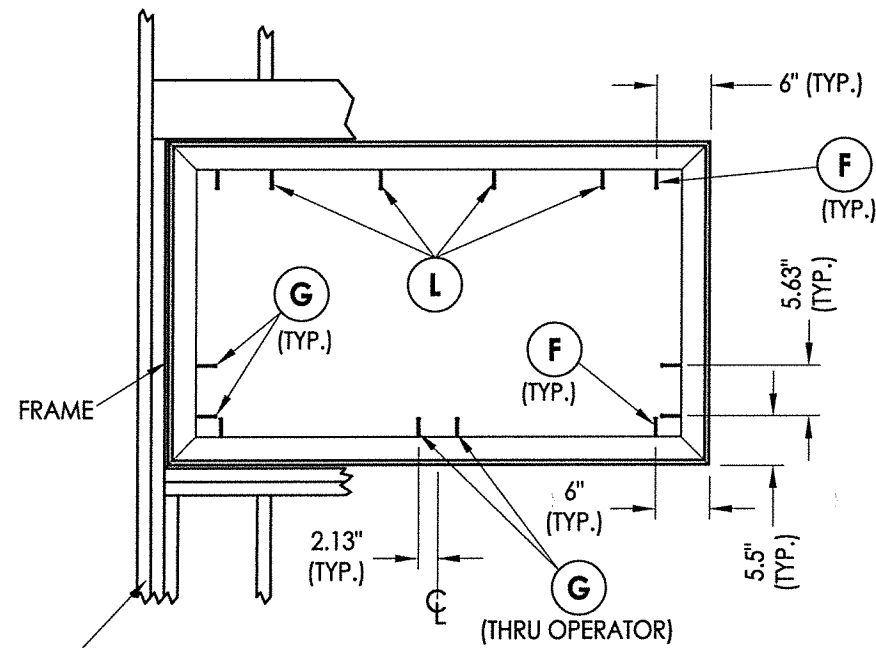
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SNUBBER LOCATIONS
 4 Required (Widths > 36")
 1 Required @ Midspan (Widths <= 36")

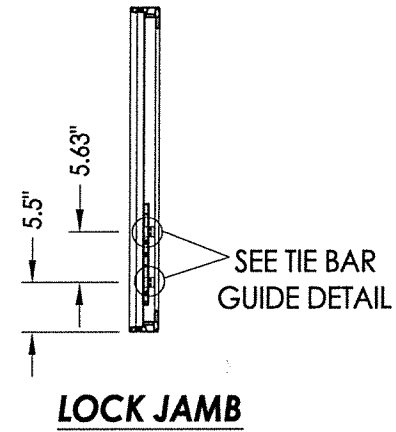


SNUBBER DETAIL

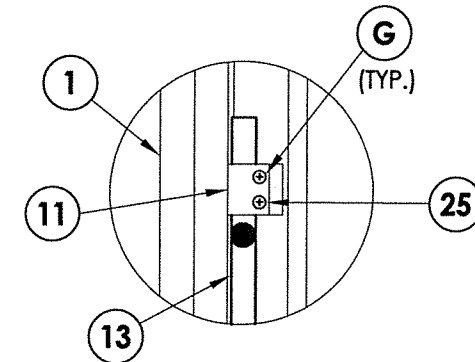


FRAME ANCHORING

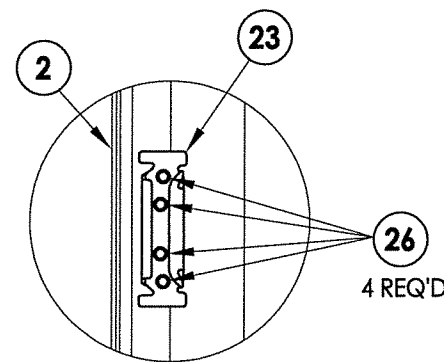
2X FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD.



LOCK JAMB

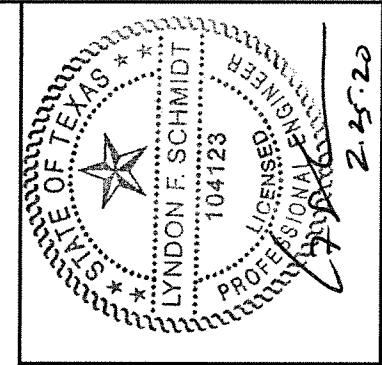


TIE BAR GUIDE DETAIL



KEEPER DETAIL

Located 4" above bottom of each sash



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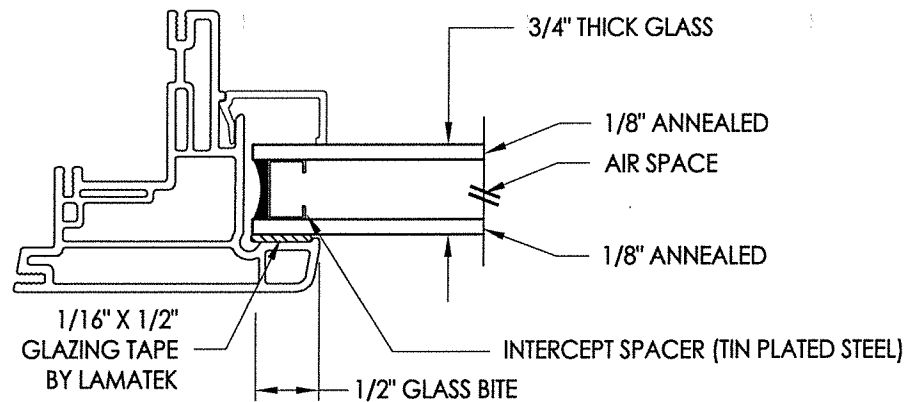
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PRODUCT:		Vinyl Awning Window	
PART OR ASSEMBLY:		FRAME ANCHORING	
NO.	DATE	BY	REVISIONS
1	1/16/20	LFS	UPDATE TO 2018 IBC/IRC & REVISE D.P. TABLE/ANCHORING
DATE: 9/10/12		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: TX-4240		SHEET 3 OF 4	

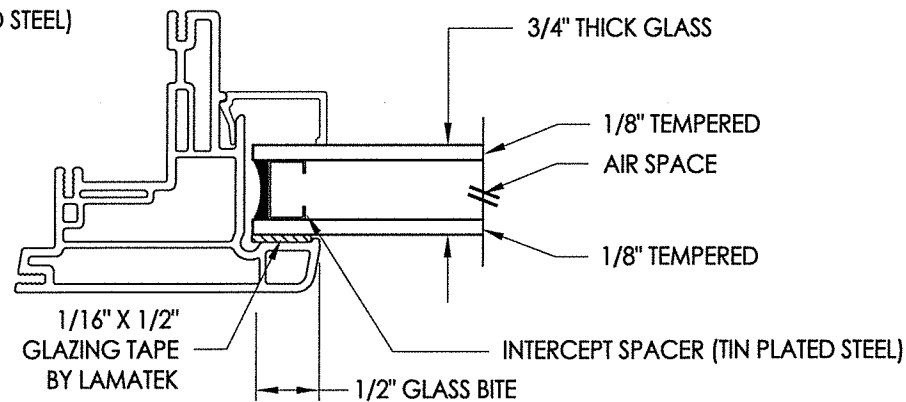
BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#8 X 2-1/2" MODIFIED TRUSS HEAD SCREW (1-1/8" MIN. EMBEDMENT)	STEEL
G	#8 X 3" PFH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	STEEL
H	#8 X 3/4" PPH SMS	STEEL
L	#8 X 2-1/2" PPH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
1	FRAME*	PVC
2	SASH*	PVC
3	GLAZING BEAD*	PVC
7	WEATHERSTRIP AMESBURY (CS 120 33-SEAL)	FOAM
8	WEATHERSTRIP AMESBURY (12300 SEAL)	VINYL
9	WEATHERSTRIP ULTRA FAB .250 (PILE - 250 - KP52)	VINYL
10	MULTI-POINT LOCK (TRUTH) W1495-20	-
11	TIE BAR GUIDE (TRUTH) 2008741	-
12	OPERATOR (TRUTH) 2006468	-
13	TIE BAR (TRUTH) 2005287	-
23	KEEPER (TRUTH) W1495-01W11	STEEL
24	SNUBBER (TRUTH) (SASH/FRAME) WCS1-1496-85	-
25	#8 X 1" PFH SMS	STEEL
26	#8 X 1/2" PFH SMS	STEEL

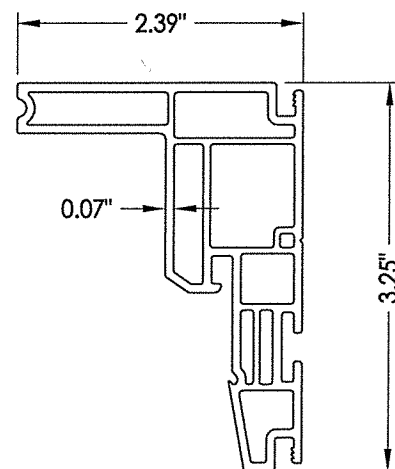
* THE APPROVED WHITE RIGID PVC EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



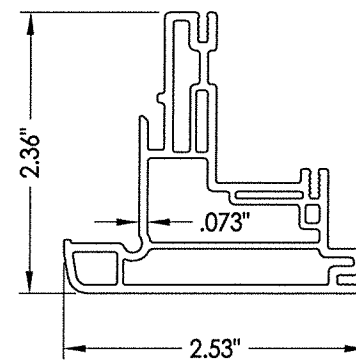
G1 GLAZING DETAIL



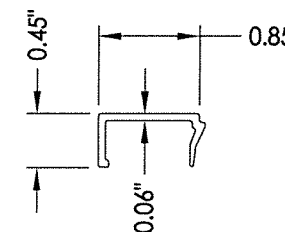
G2 GLAZING DETAIL



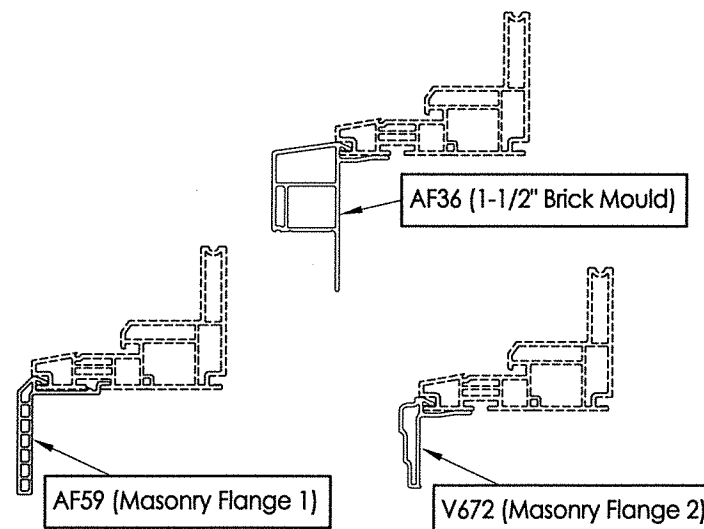
1 FRAME



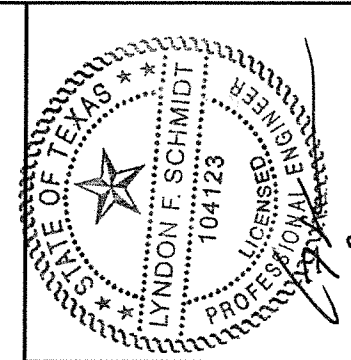
2 SASH



3 GLAZING BEAD



OPTIONAL COSMETIC FLANGES



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PRODUCT:	8400 SERIES Vinyl Awning Window
PART OR ASSEMBLY:	BILL OF MATERIALS, COMPONENTS AND GLAZING DETAIL

NO.	DATE	BY	REVISIONS
1	1/16/20	LFS	UPDATE TO 2018 IBC/IRC & REVISE D.P. TABLE/ANCHORING

DATE: 9/10/12
SCALE: N.T.S.
DWG. BY: JK
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DRAWING NO.: TX-4240
SHEET 4 OF 4