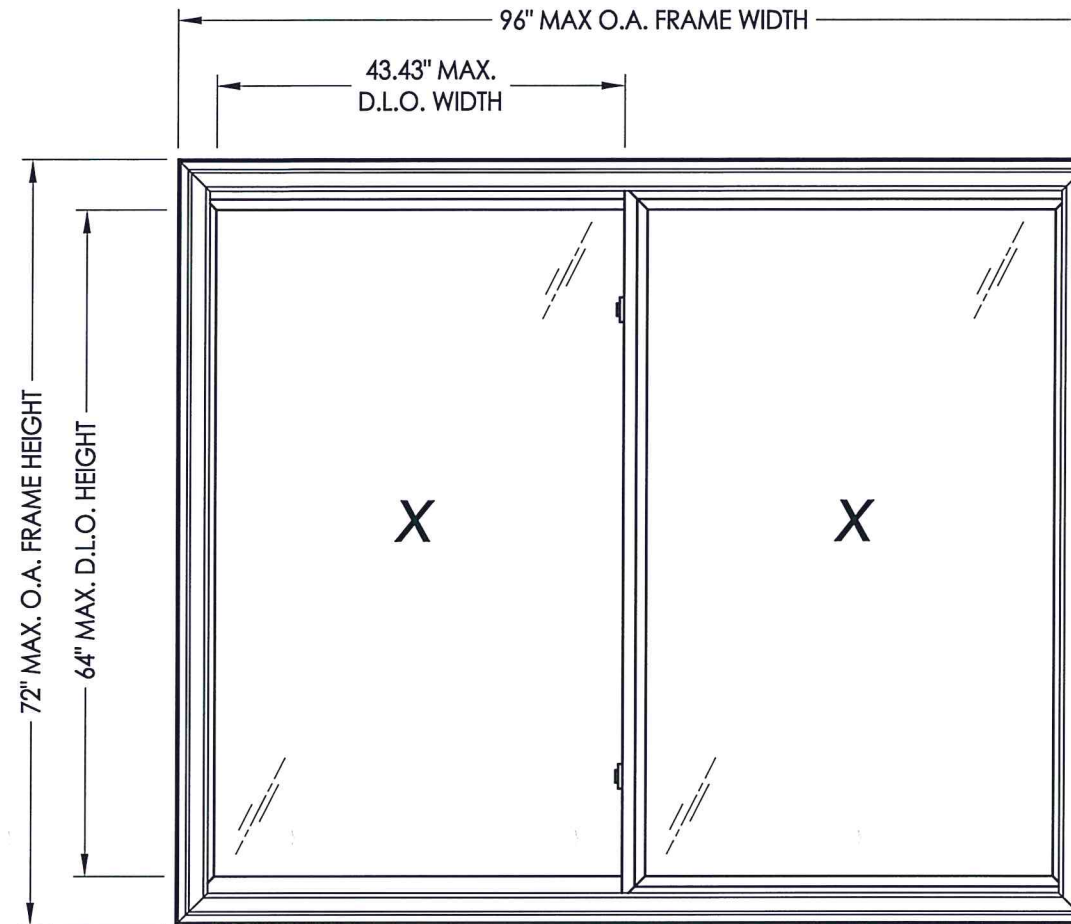


WINCORE™

WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

8400 Series Vinyl Horizontal Sliding Window "NON-IMPACT"



EVALUATED FOR USE IN THE STATE OF TEXAS

TDI WIN-1828

The Wincore Horizontal Sliding 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	Horizontal and vertical cross sections
3	Components
4	Bill of materials, glazing details & components

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
74.0" X 62.0"	32.43" X 54.0"	G1, G3	+50.0	-50.0
84.0" X 63.0"	37.37" X 55.12"	G1, G3	+50.0	-50.0
96.0" X 72.0"	43.37" X 64.12"	G1, G3	+40.0	-40.0
74.0" X 63.0"	32.43" X 55.0"	G2, G4	+60.0	-65.0
84.0" X 63.0"	37.37" X 55.12"	G2, G4	+65.0	-65.0
96.0" X 72.0"	43.37" X 64.12"	G2, G4	+50.0	-50.0



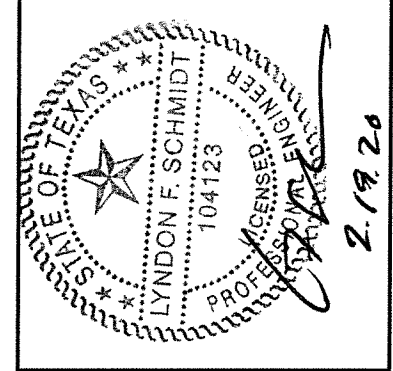
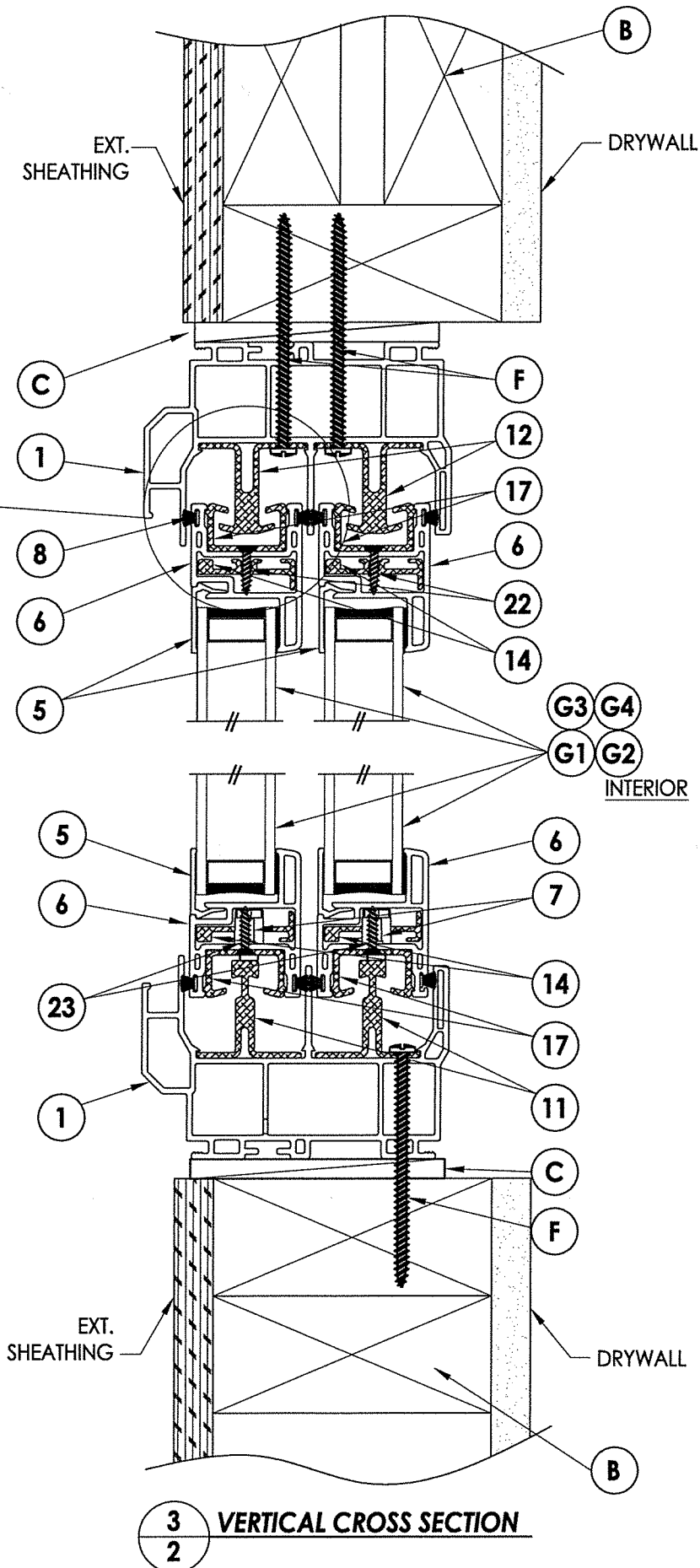
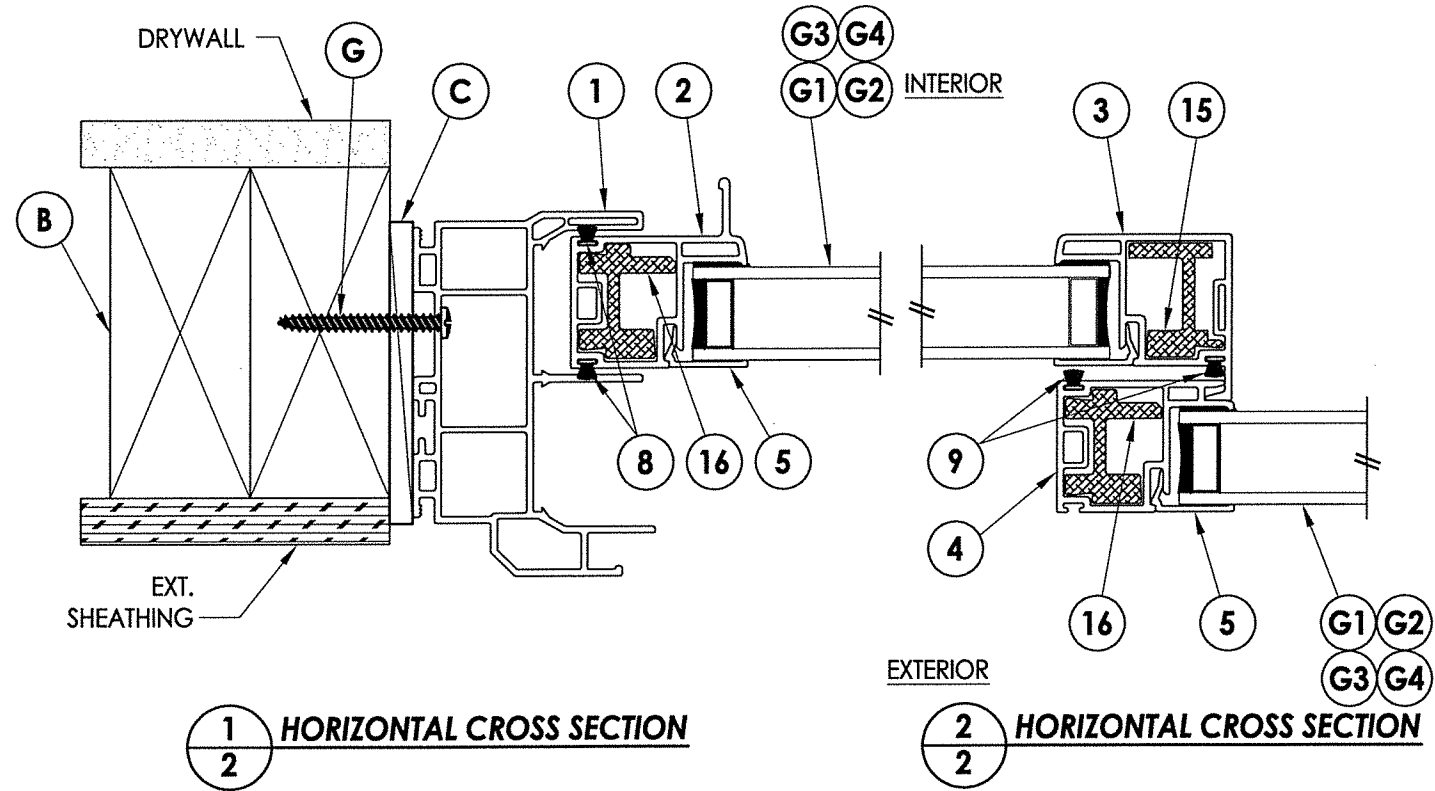
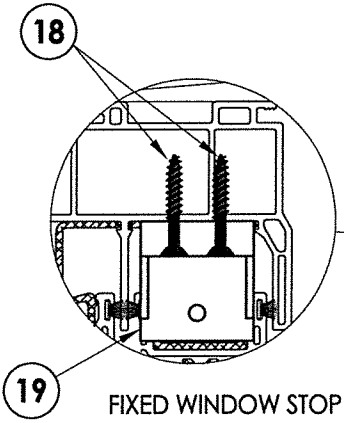
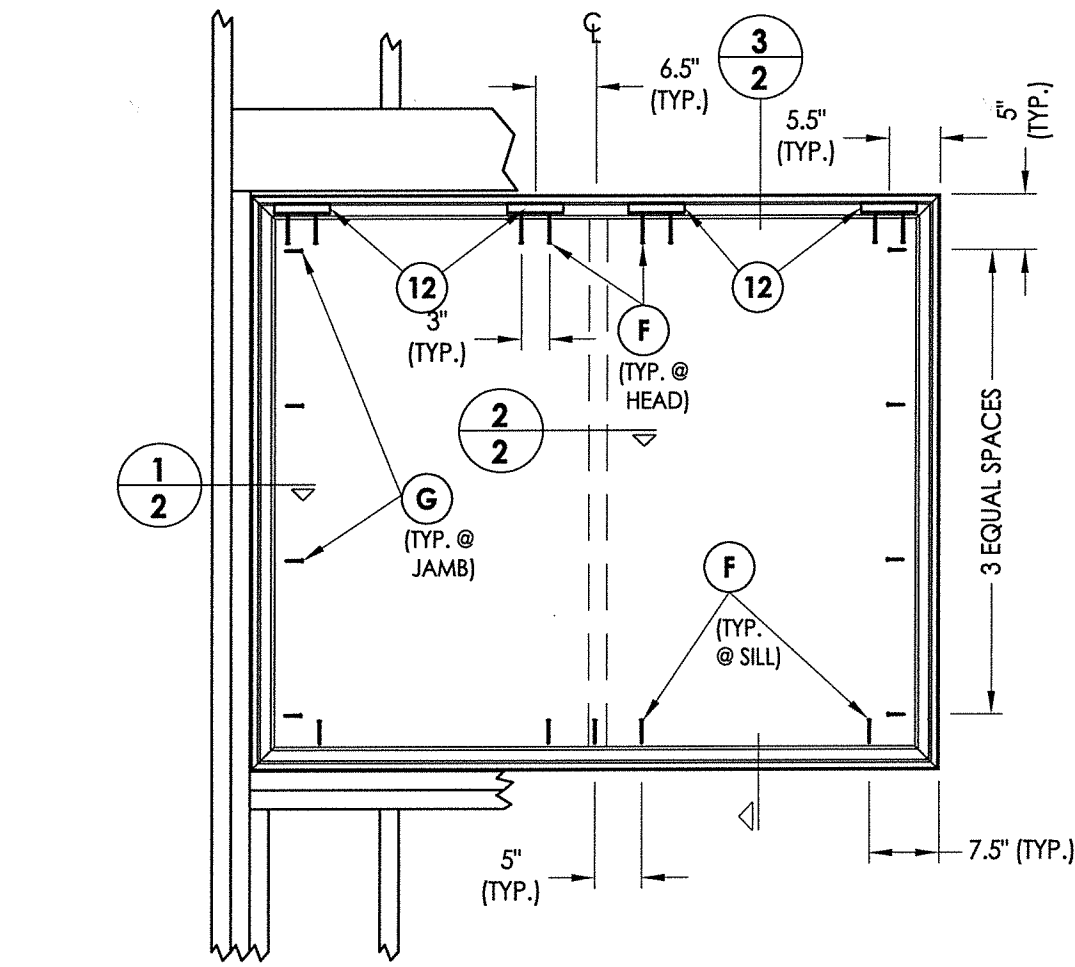
Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

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

NO.	DATE	REVISIONS
1	1/21/20	UPDATE TO 2018 IRC/IBC
2	4/04/16	ADDED NEW FRAME SIZES

DATE: 9/10/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4308
SHEET 1 OF 4



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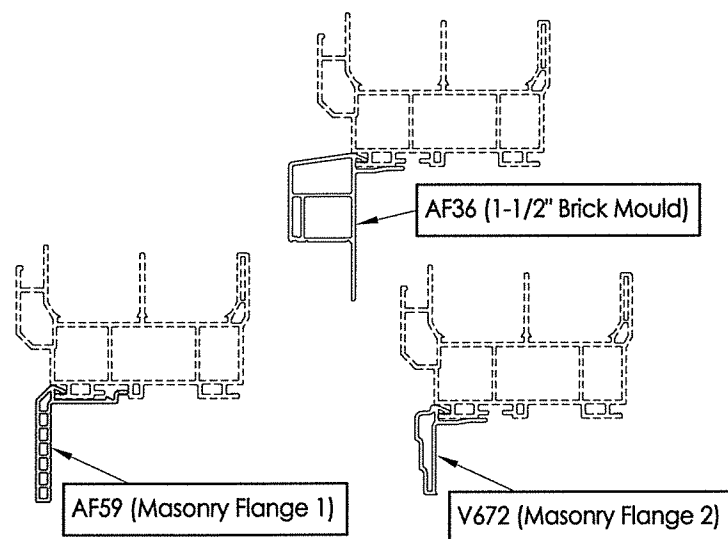
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	8400 SERIES		
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS		
DATE:	9/10/13		
SCALE:	N.T.S.		
DWG. BY:	JK		
CHK. BY:	LFS		
DRAWING NO.:	TX-4308		
SHEET	2 of 4		
REVISIONS			
NO.	DATE	BY	
2	1/21/20	UPDATE TO 2018 IBC/IRC	LFS
1	4/04/16	ADDED NEW FRAME SIZES	LFS

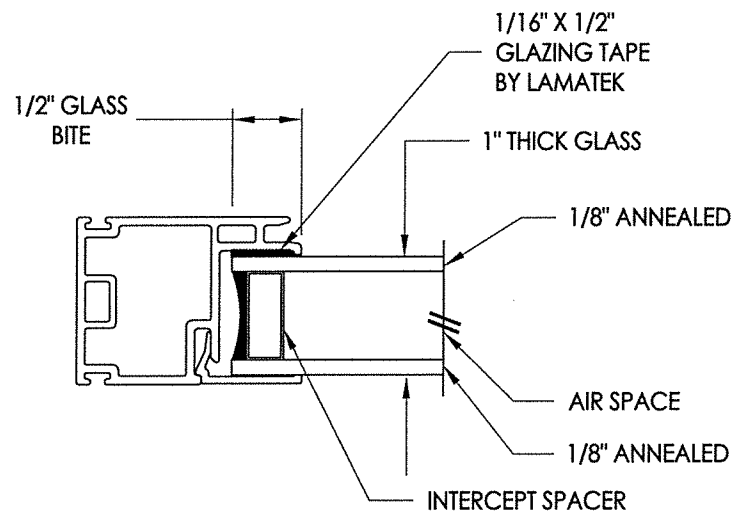
BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 3" PPH WOOD SCREW (MIN. EMB. = 1-5/16")	STEEL
G	#10 X 1-3/4" PPH WOOD SCREW (MIN. EMB. = 1-3/16")	STEEL
1	FRAME*	PVC
2	SLIDER PULL STILE*	PVC
3	LOCK STILE*	PVC
4	KEEPER STILE*	PVC
5	GLAZING BEAD*	PVC
6	SLIDER COMMON RAIL*	PVC
7	BALL BEARING ROLLER	-
8	WEATHERSTRIP (0.230")	-
9	WEATHERSTRIP (0.380")	-
11	SILL TRACK	ALUM
12	HEAD TRACK	ALUM
14	SLIDE RAIL REINFORCEMENT	ALUM
15	REINFORCEMENT	ALUM
16	REINFORCEMENT	ALUM
17	SLIDER SASH RETAINING CLIP	ALUM
18	#8 X 1" PFH SMS	STEEL
19	FLANKER STOP	NYLON
22	#8 X 5/8" PFH SMS	STEEL
23	#7 X 5/8" PFH SMS	STEEL

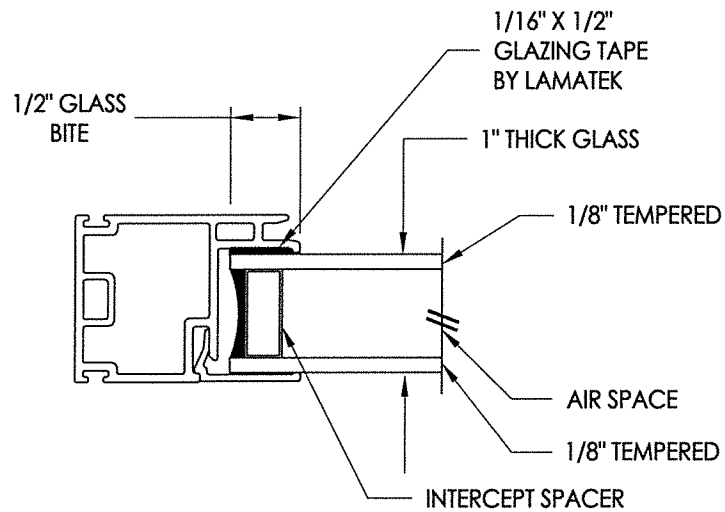
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



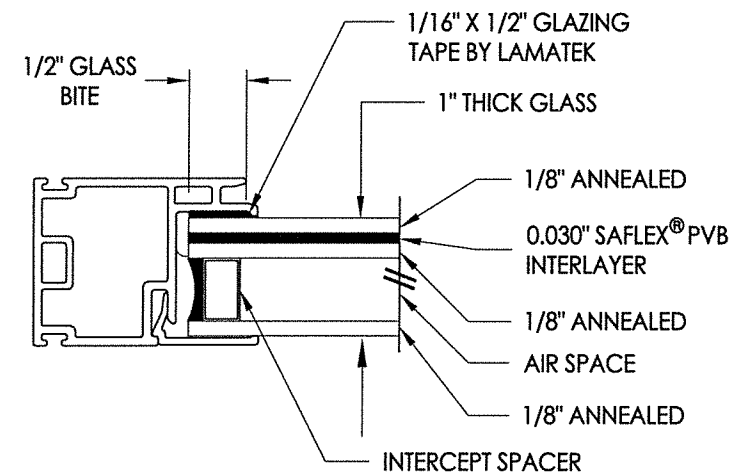
OPTIONAL COSMETIC FLANGES



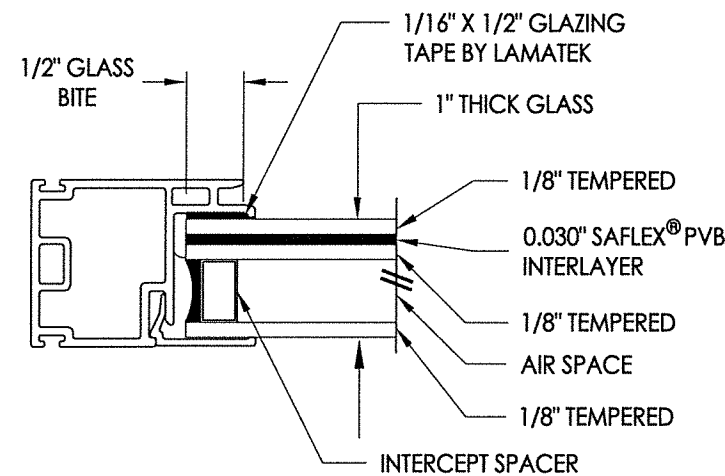
G1 GLAZING DETAIL



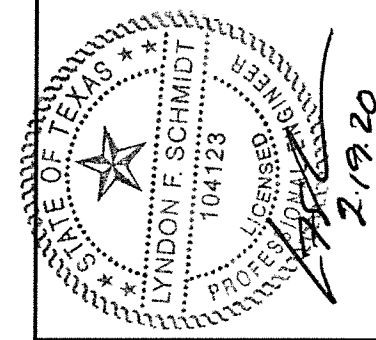
G2 GLAZING DETAIL



G3 GLAZING DETAIL



G4 GLAZING DETAIL



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:	8400 SERIES
PART OR ASSEMBLY:	BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS

NO.	DATE	BY	REVISIONS
2	1/21/20	LFS	UPDATE TO 2018 IBC/IRC
1	4/04/16	LFS	ADDED NEW FRAME SIZES

DATE: 9/10/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

TX-4308

SHEET 4 OF 4