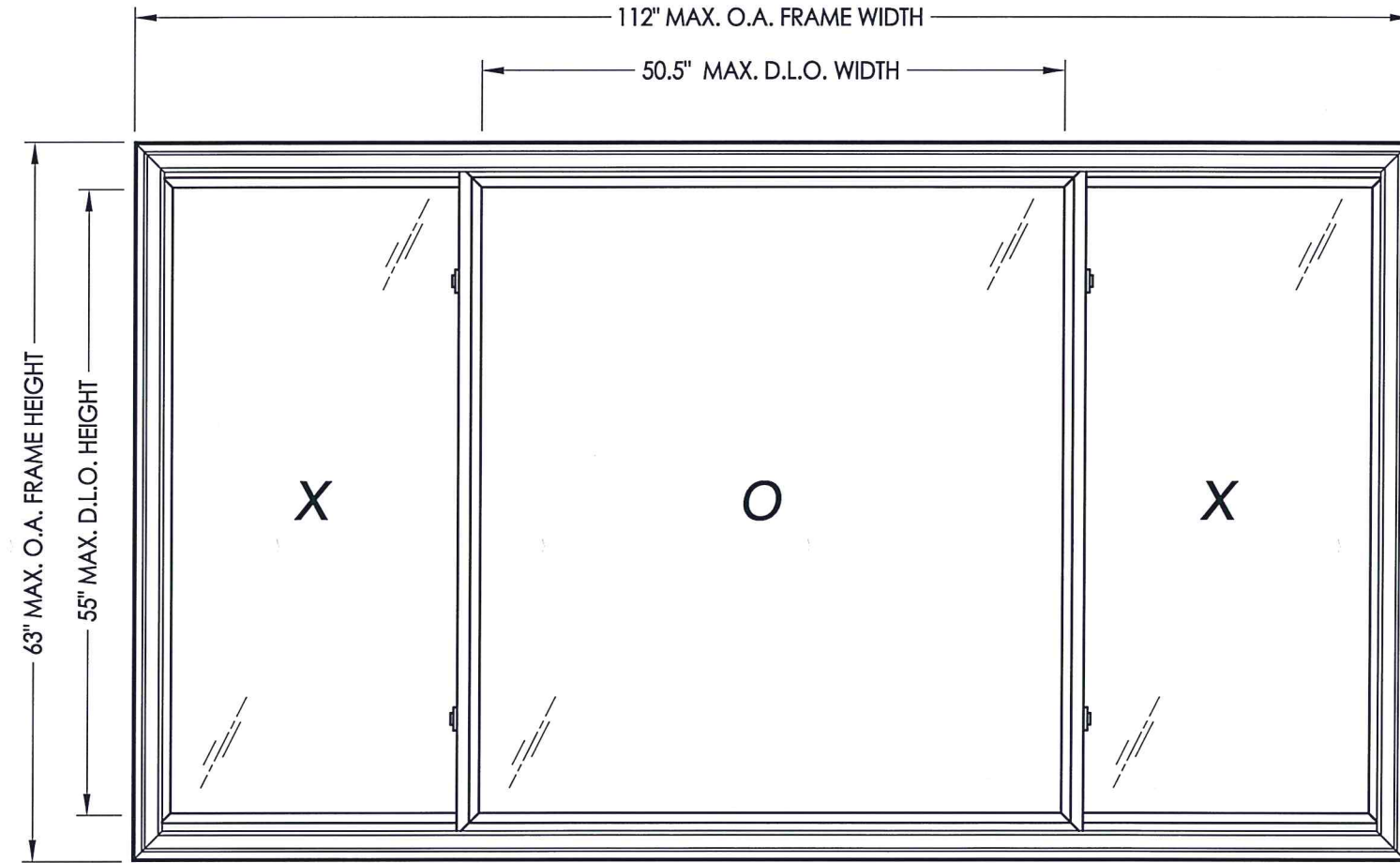


WINCORE™

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

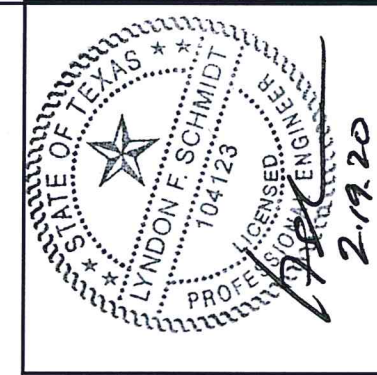
The Wincore Horizontal Sliding Window described herein complies with the 2018 International Residential Code (IRC), Sections R301 & R609 and the 2018 International Building Code (IBC), Sections 1404.13, 1609, 1709.5, 2403 and 2404 subject to the following conditions:

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
110.0" X 62.0"	49.5" X 54.0"	G1	+50.0	-50.0
112.0" X 63.0"	50.5" X 55.0"	G2	+60.0	-65.0



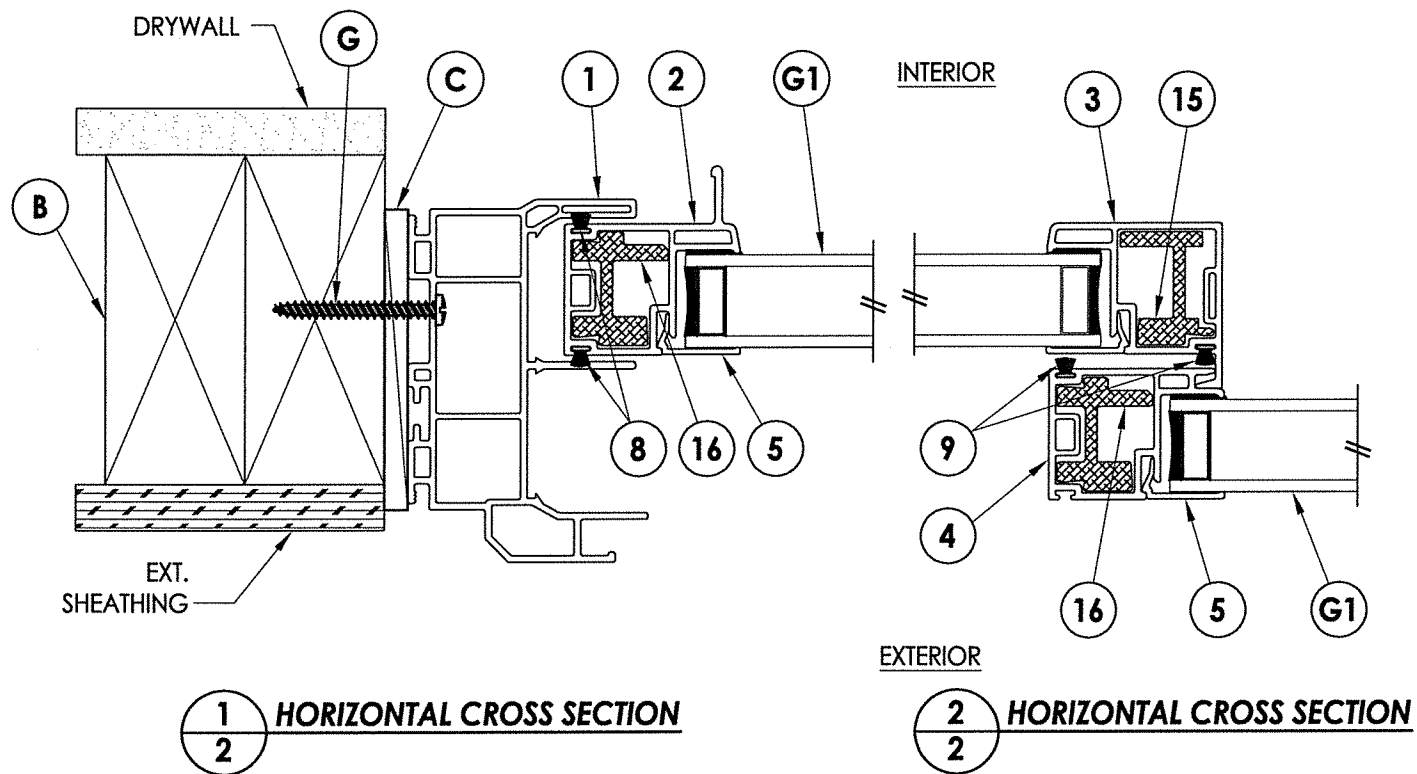
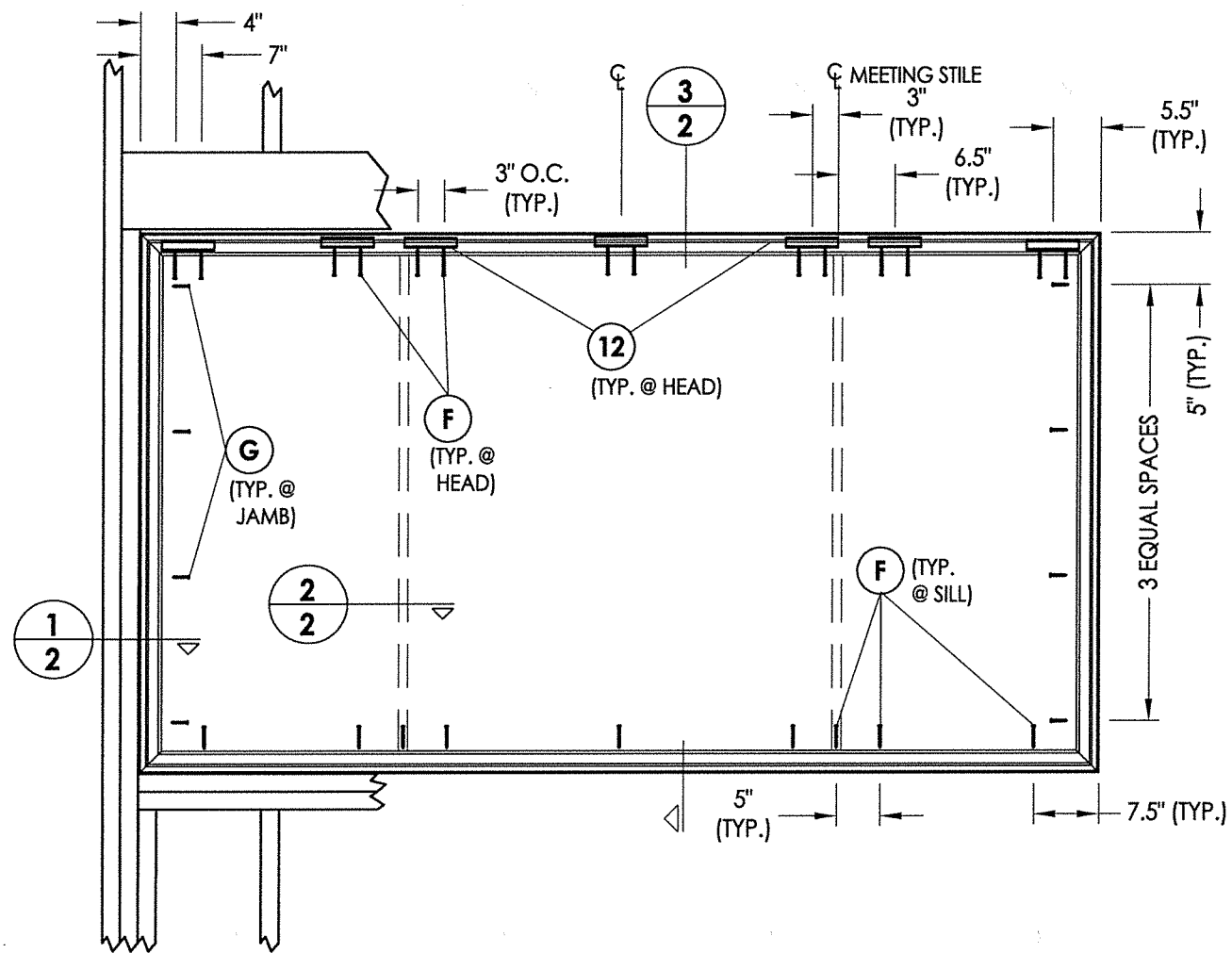
Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

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	BY
1	1/21/20	LFS
	UPDATE TO 2018 IBC/IRC	
	REVISIONS	

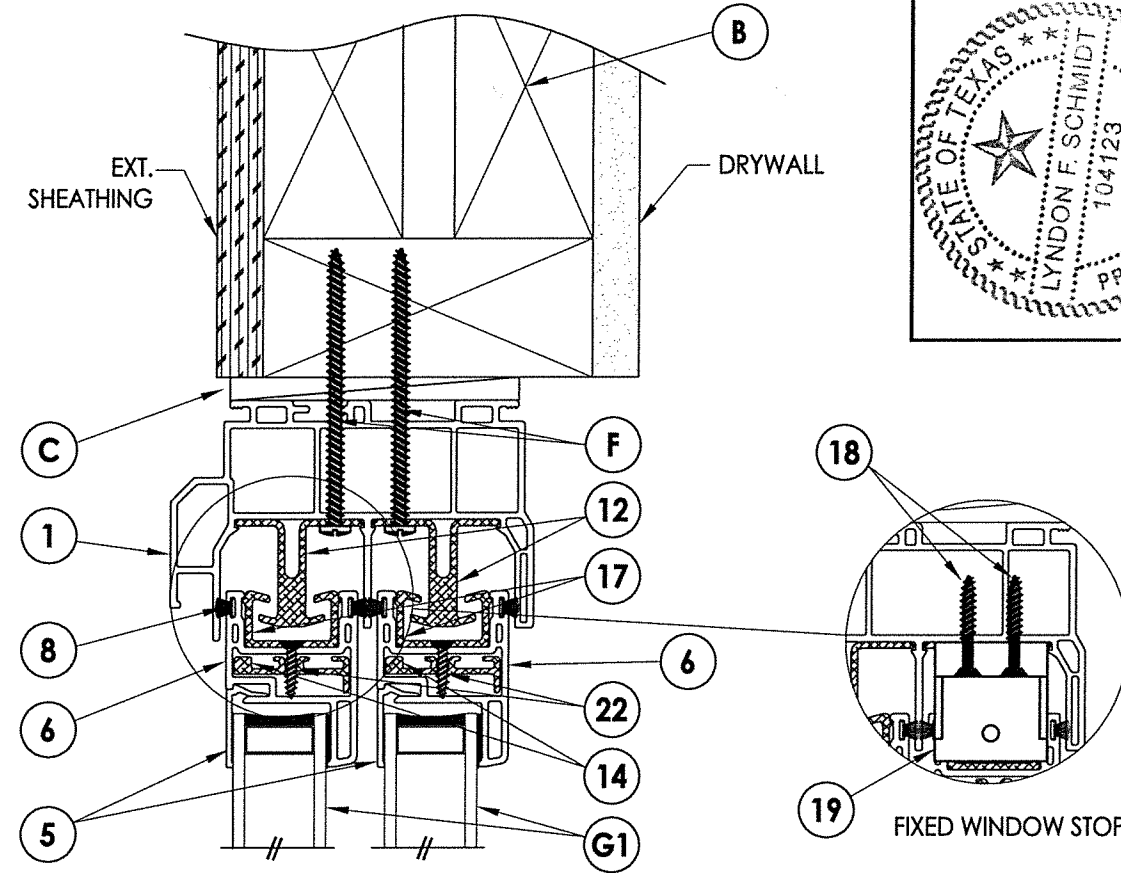
DATE: 9/10/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4309
SHEET 1 OF 4

R:\Clients\Wincore PERMANENT\B - Texas Dept of Ins\Horizontal Slider\WIN 1828 Horizontal Slider\C - Drawings\2018 IBC UPDATE\TX-4308-10.dwg, 2.2



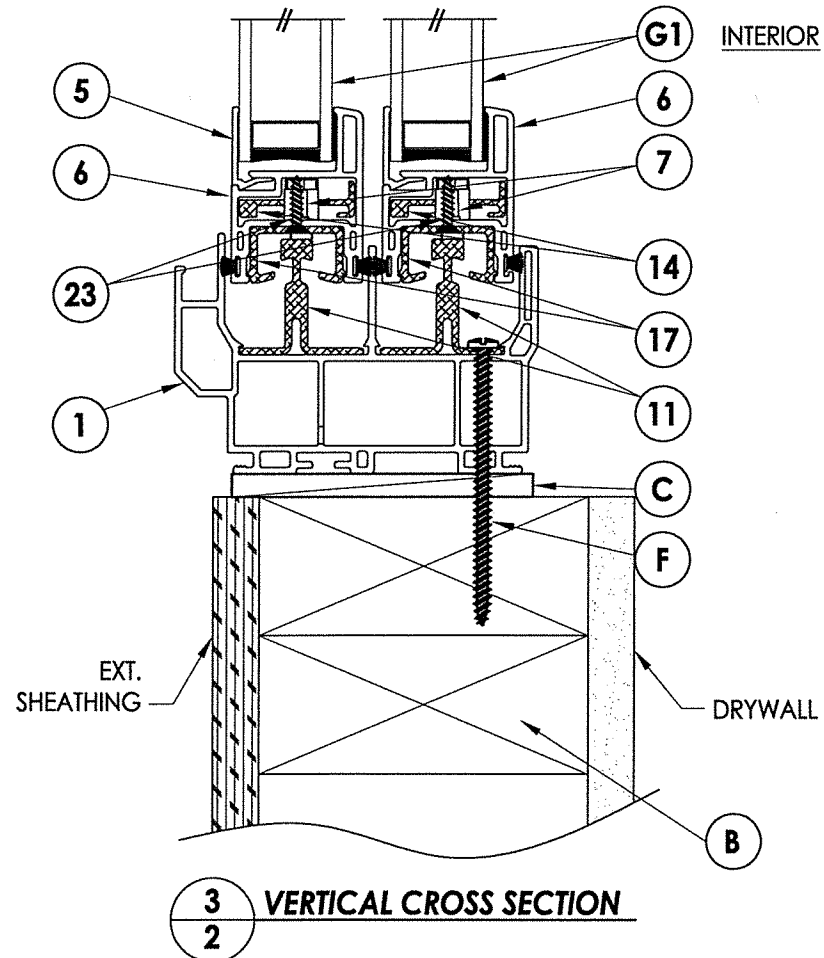
1
2 HORIZONTAL CROSS SECTION

2
2 HORIZONTAL CROSS SECTION

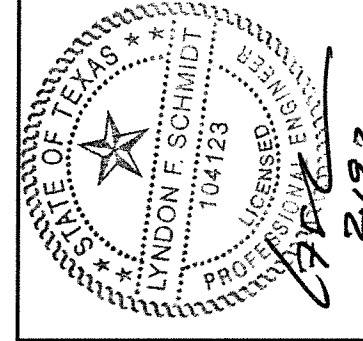


EXTERIOR

INTERIOR



3
2 VERTICAL CROSS SECTION



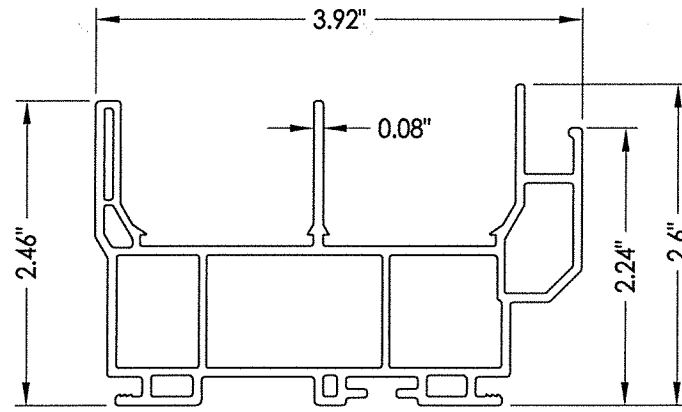
Documents Prepared By: Lyndon F. Schmidt, P.E.
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P.O. Box 230 Vairico FL 33595
Phone No.: 813.659.9197
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11862

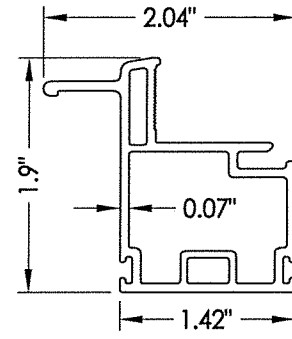
PRODUCT: 8400 SERIES
PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS
1	1/21/20	LFS	UPDATE TO 2018 IBC/IRC

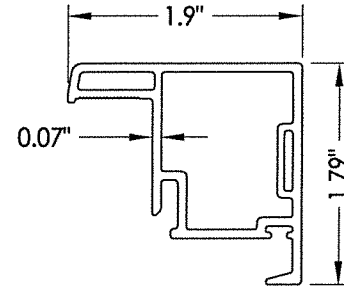
DATE: 9/10/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4309
SHEET 2 OF 4



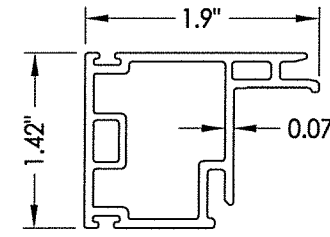
1 **FRAME**



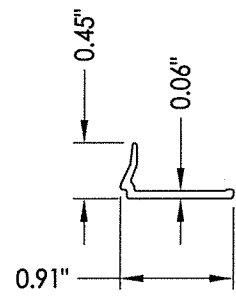
2 **SLIDER PULL STILE**



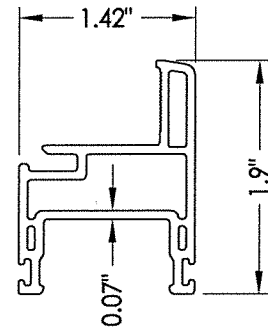
3 **LOCK STILE**



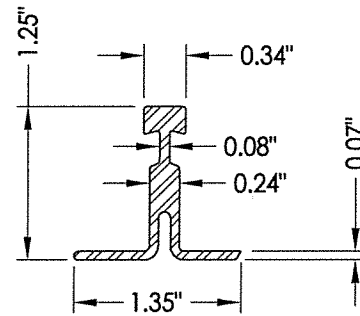
4 **KEEPER STILE**



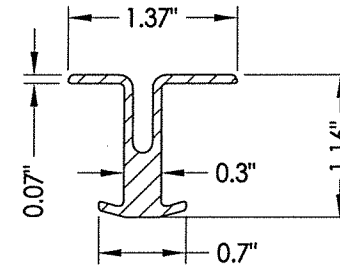
5 **GLAZING BEAD**



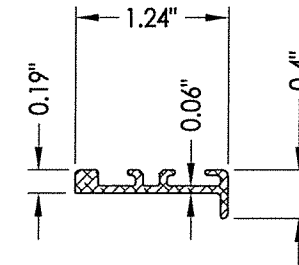
6 **SLIDER COMMON RAIL**



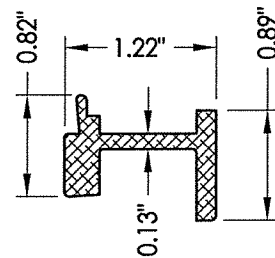
11 **SILL TRACK**
Full width



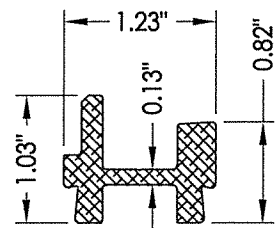
12 **HEAD TRACK**
6" Long



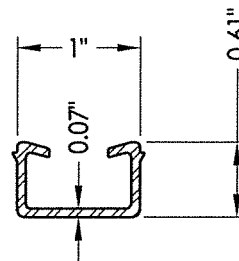
14 **REINFORCEMENT**
Common Rail



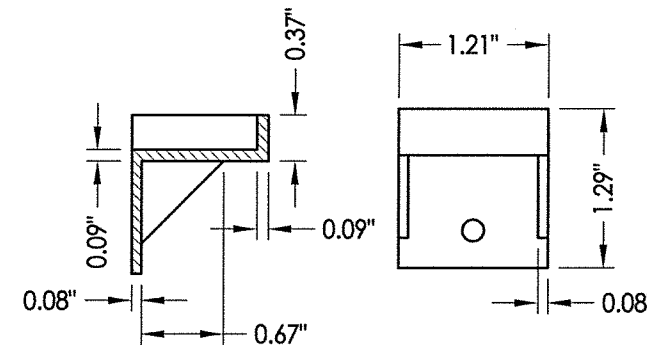
15 **REINFORCEMENT**
Lock Stile



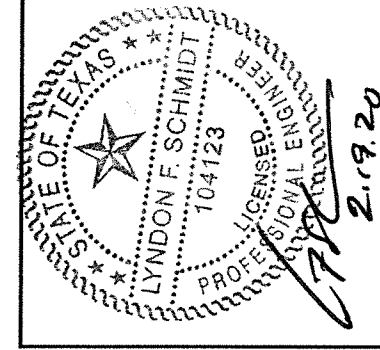
16 **REINFORCEMENT**
Keeper and Pull Stile



17 **SLIDER SASH RETAINING CLIP**



19 **FLANKER STOP**



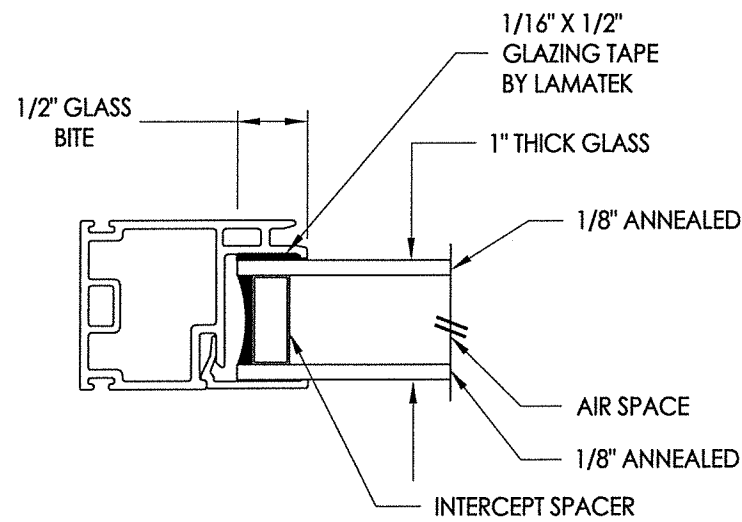
Documents Prepared By: Lyndon F. Schmidt, P.E.
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RW BUILDING CONSULTANTS, INC.
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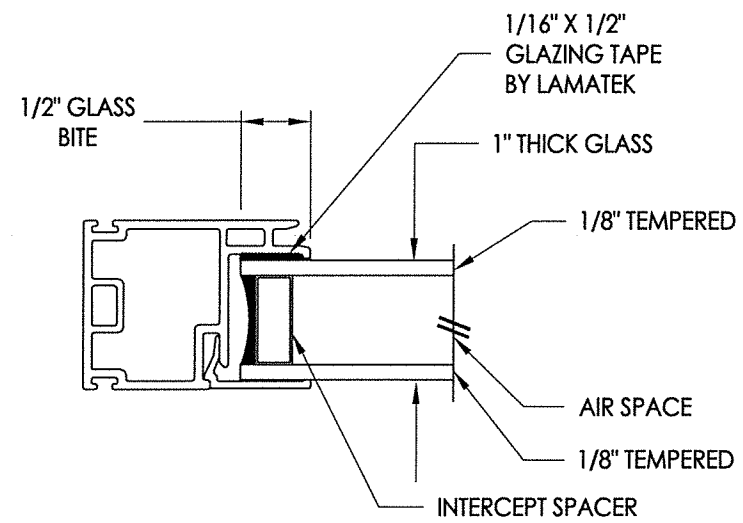
PRODUCT:	8400 SERIES	
PART OR ASSEMBLY:	COMPONENTS	
NO.	DATE	BY
1	1/21/20	LFS
UPDATE TO 2018 IBC/IRC		
REVISIONS		
DATE:	9/10/13	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4309	
SHEET	3	OF 4

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

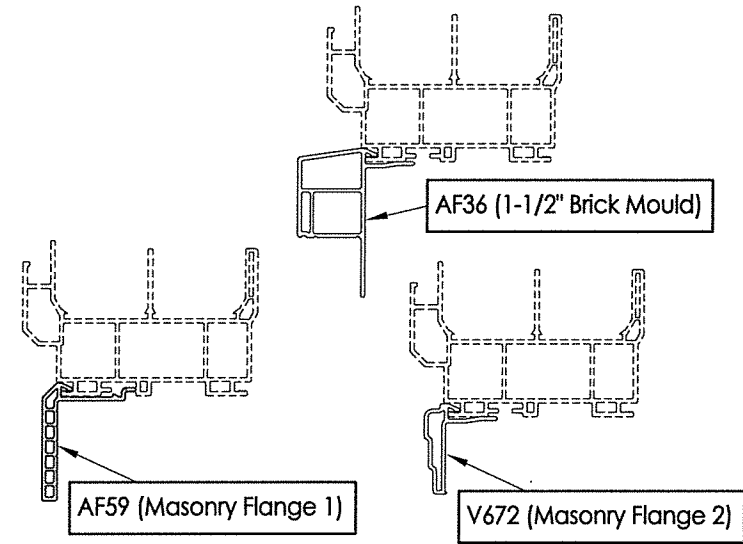
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



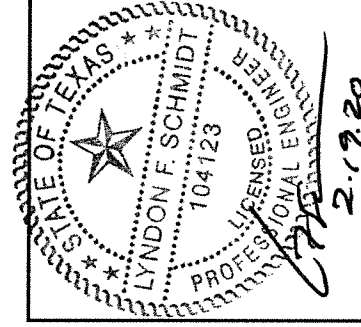
G1 GLAZING DETAIL



G2 GLAZING DETAIL



OPTIONAL COSMETIC FLANGES



Documents Prepared By: Lyndon F. Schmidt, P.E.
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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

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

NO.	DATE	REVISIONS	BY
1	1/21/20	UPDATE TO 2018 IBC/IRC	LFS

DATE: 9/10/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

TX-4309

SHEET 4 OF 4