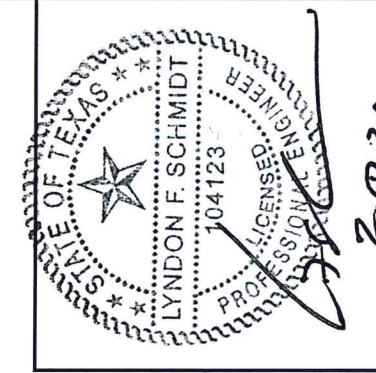
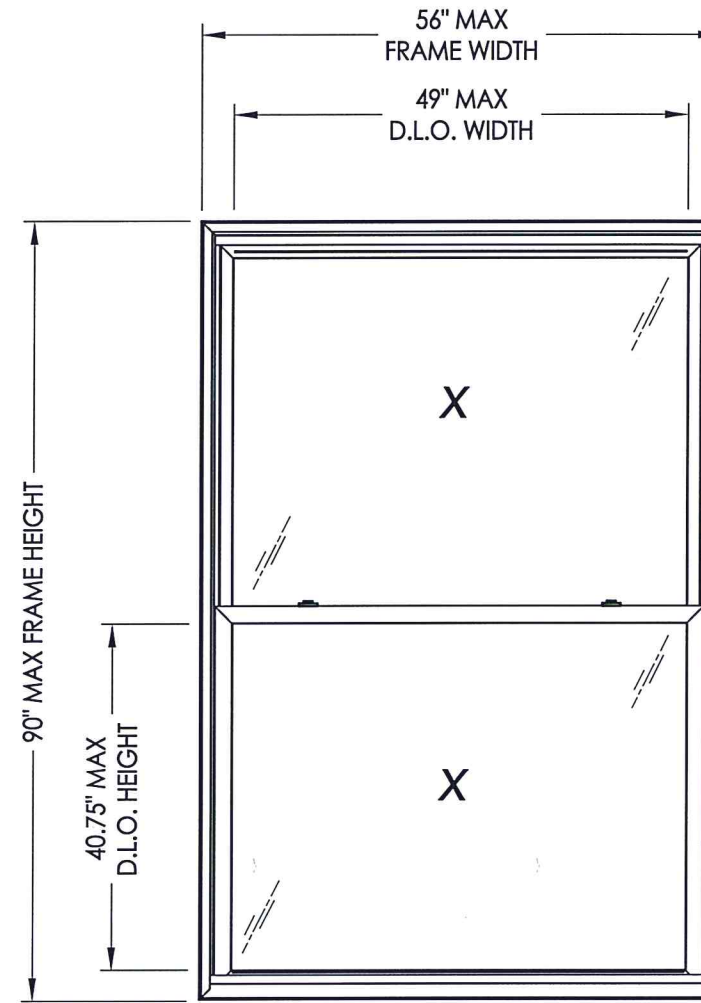


WINCORE™

WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

7700/9900 Series Vinyl Double Hung Window "NON-IMPACT"



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

EVALUATED FOR USE IN THE STATE OF TEXAS

TDI WIN-1136

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.

NOTE: Maximum frame height & width occur on separate units.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Cross sections & frame anchoring
3	Bill of materials, components & glazing details

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
38.0" X 76.0"	31.0" X 33.75"	G1, G2	+50.0	-55.0
56.0" X 60.0"	49.0" X 25.75"	G1, G2	+35.0	-35.0
52.0" X 64.0"	45.0" X 27.75"	G1, G2	+35.0	-35.0
48.0" X 70.0"	41.0" X 30.75"	G1, G2	+35.0	-35.0
44.0" X 76.0"	37.0" X 33.75"	G1, G2	+35.0	-35.0
40.0" X 84.0"	33.0" X 37.75"	G1, G2	+35.0	-35.0

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
56.0" X 70.0"	49.0" X 30.75"	G1, G2	+30.0	-30.0
52.0" X 74.0"	45.0" X 32.75"	G1, G2	+30.0	-30.0
48.0" X 80.0"	41.0" X 35.75"	G1, G2	+30.0	-30.0
44.0" X 84.0"	37.0" X 37.75"	G1, G2	+30.0	-30.0
56.0" X 84.0"	49.0" X 37.75"	G1, G2	+25.0	-35.0
48.0" X 90.0"	41.0" X 40.75"	G1, G2	+25.0	-30.0

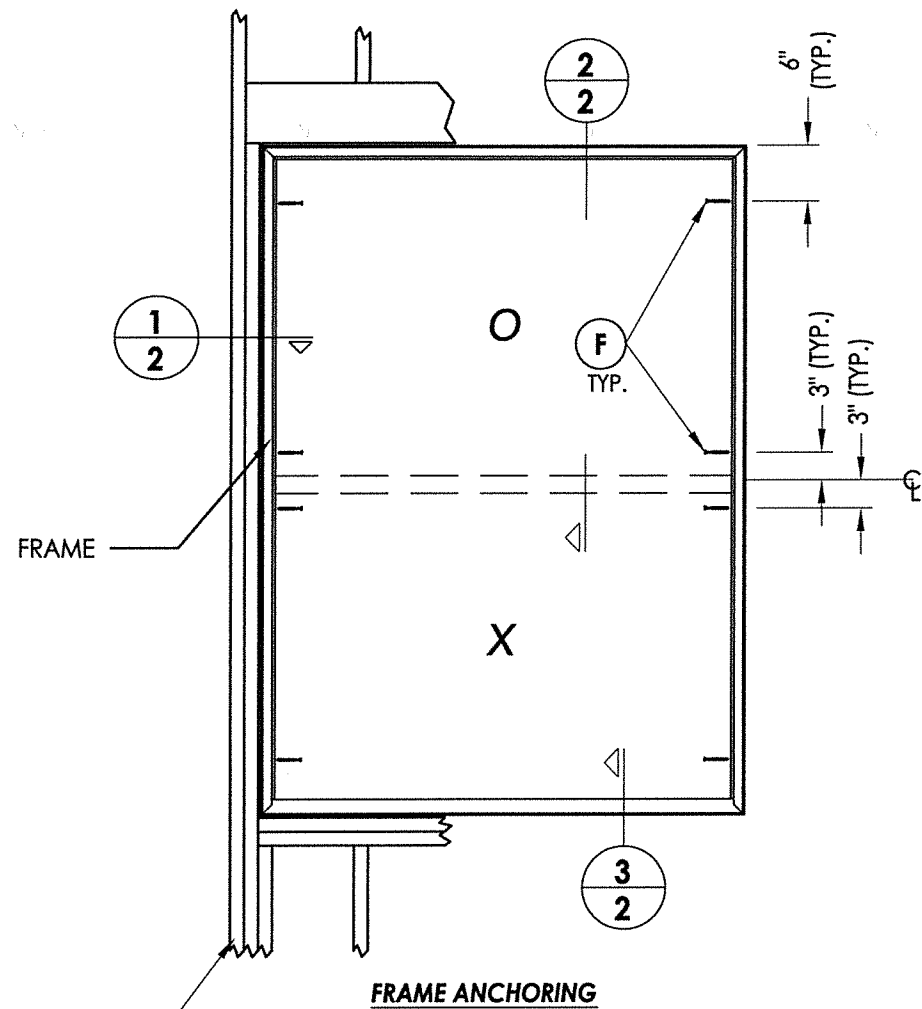
PRODUCT: 7700/9900 SERIES
Vinyl Double Hung Window

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

NO.	DATE	REVISIONS
2	1/20/20	UPDATE TO 2018 IBC/IRC
1	8/08/18	ADDED 48" X 90" FRAME SIZE

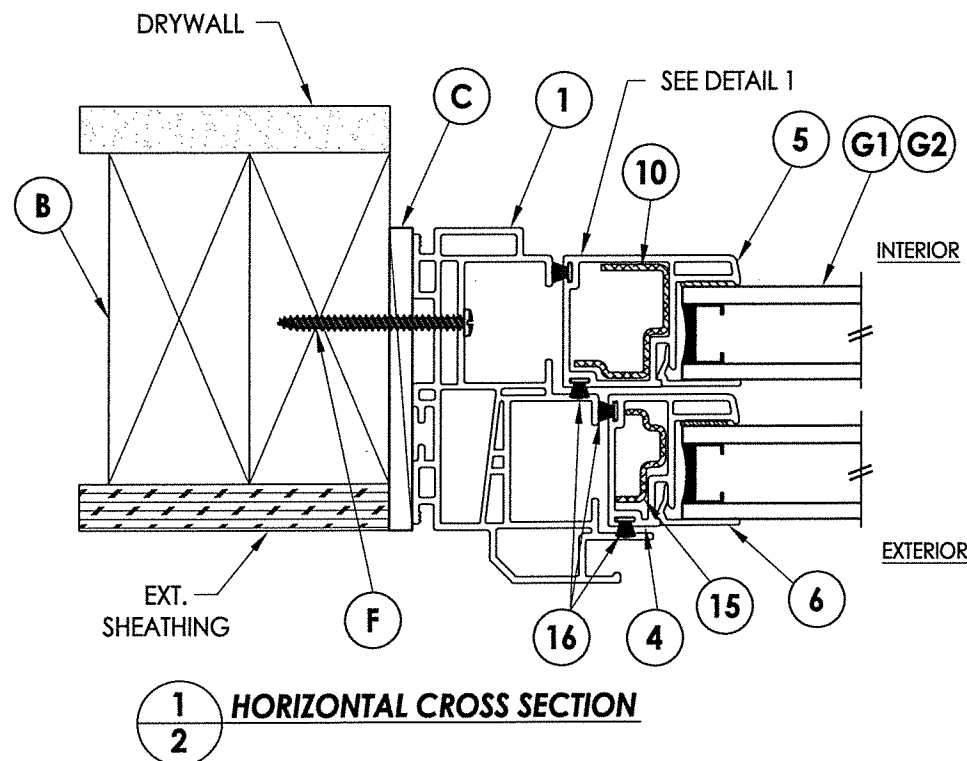
DATE: 9/09/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4475
SHEET 1 OF 3

R:\Clients\Wincore PERMANENT\B - (2018) Texas Dept of Ins\WIN 1136 - Dbl Hung 7700 - 9900\C - Drawings\TX-4474.4475.dwg, 2.1

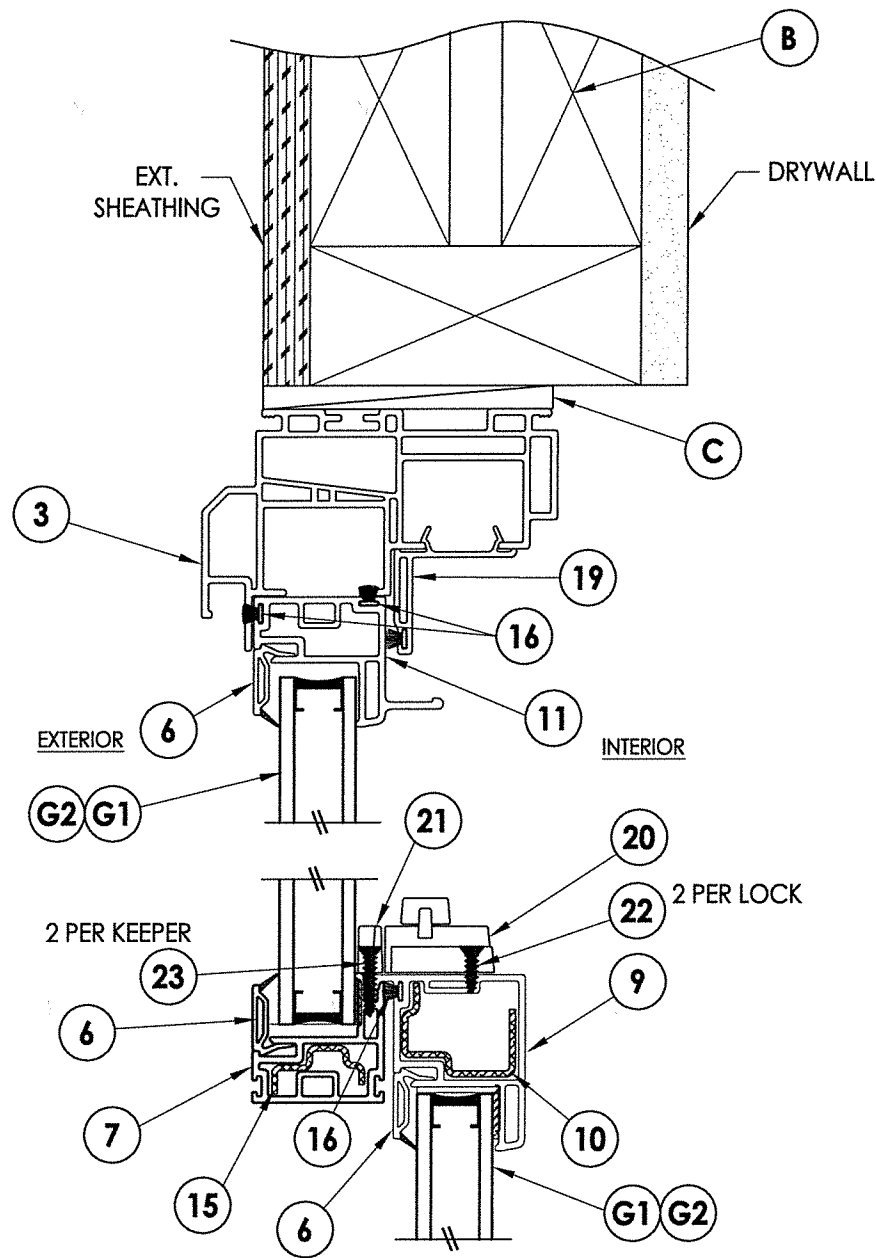


FRAME ANCHORING

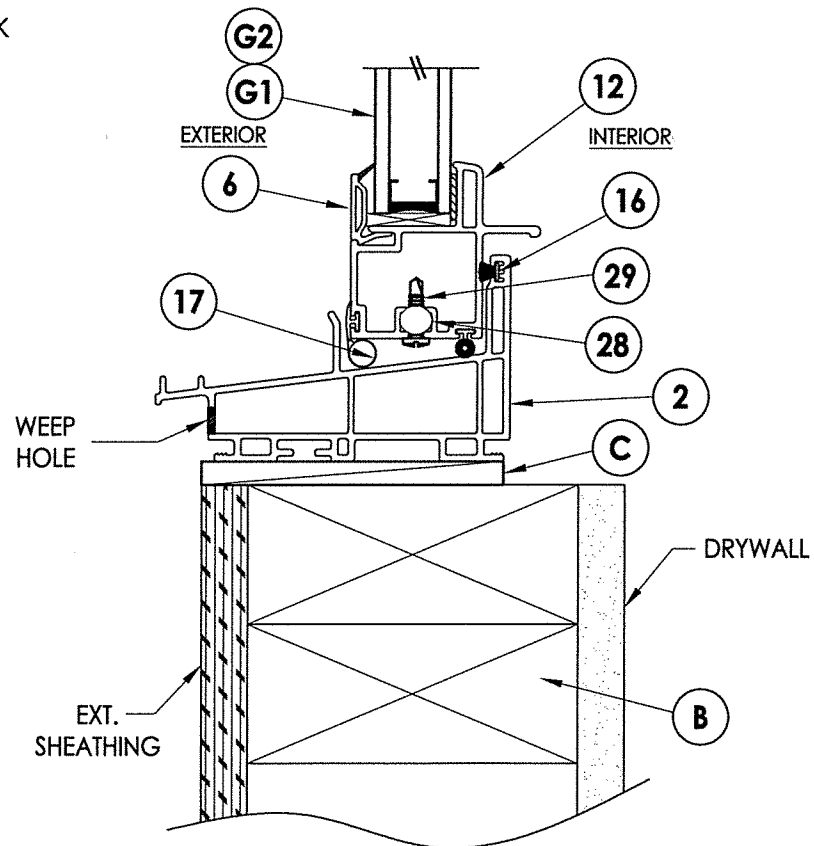
2x framing to be designed by the engineer or architect of record based on wind loads and the cladding being used (typ.).



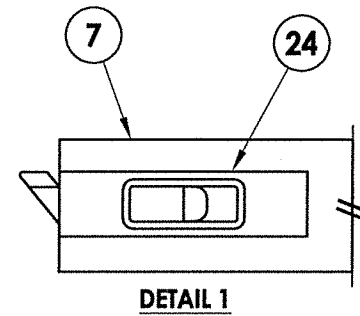
1 HORIZONTAL CROSS SECTION



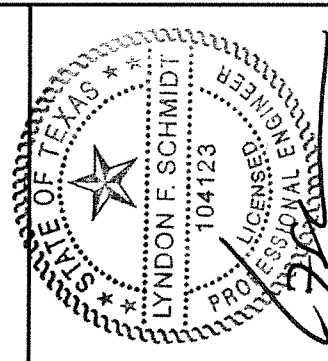
2 VERTICAL CROSS SECTION



3 VERTICAL CROSS SECTION



DETAIL 1



2.17.20

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

PRODUCT: 7700/9900 SERIES
Vinyl Double Hung Window
PART OR ASSEMBLY:
CROSS SECTIONS
& FRAME ANCHORING

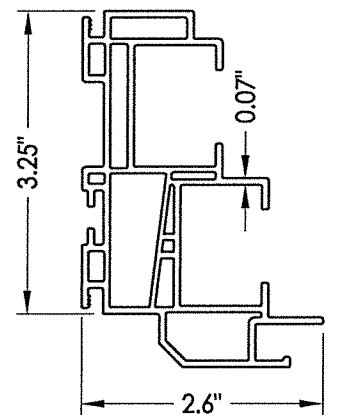
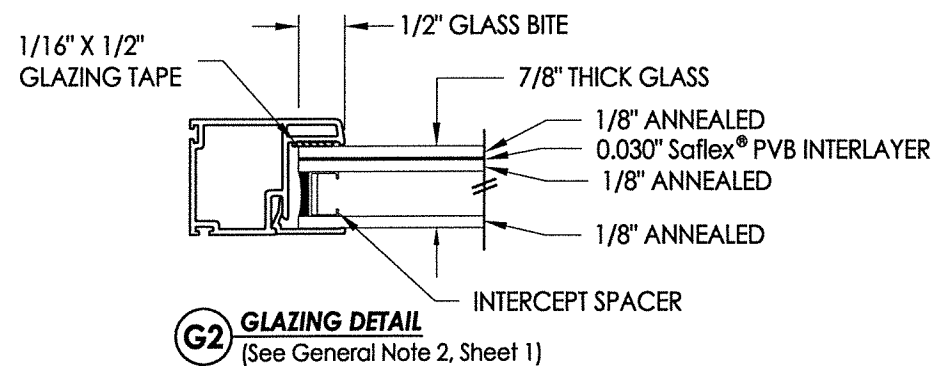
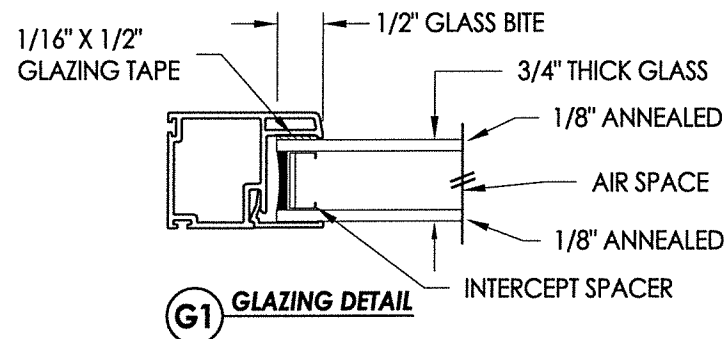
NO.	DATE	REVISIONS
2	1/20/20	UPDATE TO 2018 IBC/IRC
1	8/08/18	ADDED 48" X 90" FRAME SIZE
		LFS
		LFS
		BY

DATE: 9/09/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4475
SHEET 2 OF 3

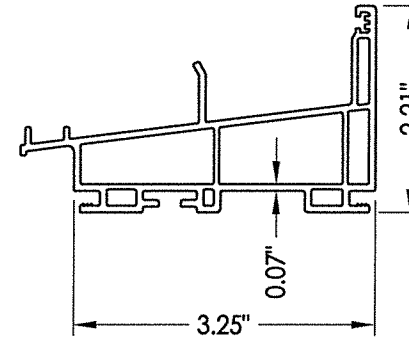
© 2014 R.W. BUILDING CONSULTANTS INC.

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#8 X 2" PH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	STEEL
1	FRAME JAMB* (DH 7701)	PVC
2	SILL* (DH 7703)	PVC
3	FRAME HEAD* (DH 7701)	PVC
4	UPPER SASH STILE* (SE 3035)	PVC
5	LOWER SASH STILE* (SE 3045)	PVC
6	GLAZING BEAD*	PVC
7	KEEPER RAIL UPPER SASH* (SE 3034)	PVC
9	LOCK RAIL LOWER SASH* (SE 3046)	PVC
10	REINFORCEMENT (RF 3101)	STEEL
11	TOP RAIL UPPER SASH* (SE 3037)	PVC
12	BOTTOM RAIL LOWER SASH* (SE 3047)	PVC
15	REINFORCEMENT (RF 3001)	STEEL
16	WEATHERSTRIP ULTRA FAB .270 PILE - 270 -1875B	-
17	WEATHERSTRIP SILLBULB (AMESBURY 32690)	-
19	HEAD ADAPTER* (DH 3005)	PVC
20	LOCK 8513 / 8845 LAWRENCE	PVC
21	KEEPER 2700 - 214 LAWRENCE	PVC
22	#8 X 1" PFH (VINYL LOCK SCREWS)	STEEL
23	#6 X 1-1/2" PFH (VINYL LOCK SCREWS)	STEEL
24	TOP SASH TILT LATCH - ASHLAND	PVC
28	PIVOT BAR - CALDWELL	-
29	#8 X 1/2" SELF TAPPING PPH SMS	STEEL

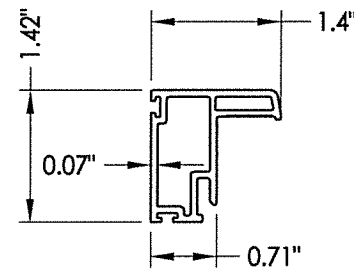
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



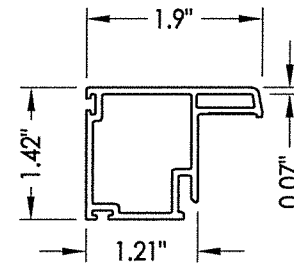
1 FRAME HEAD & JAMB



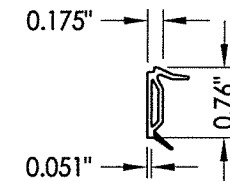
2 SILL



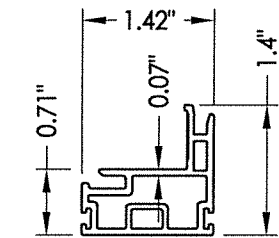
4 SASH STILE
Top



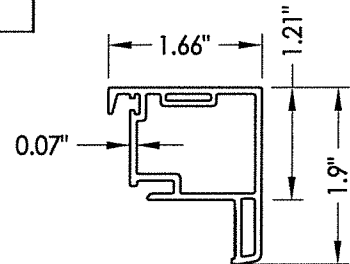
5 SASH STILE
Bottom



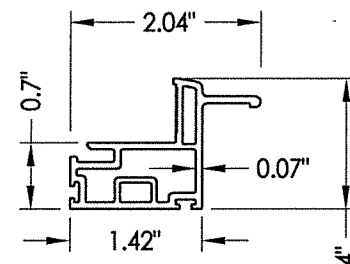
6 GLAZING BEAD



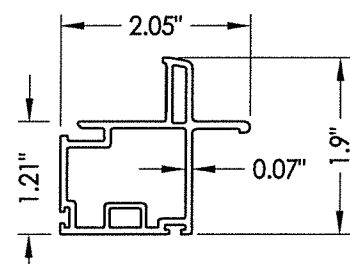
7 KEEPER RAIL
Upper Sash



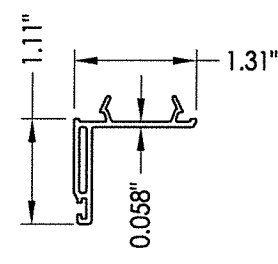
9 LOCK RAIL
Lower Sash



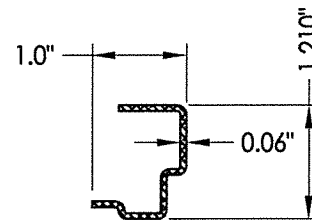
11 TOP RAIL
Upper Sash



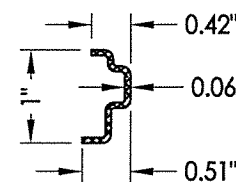
12 BOTTOM RAIL
Lower Sash



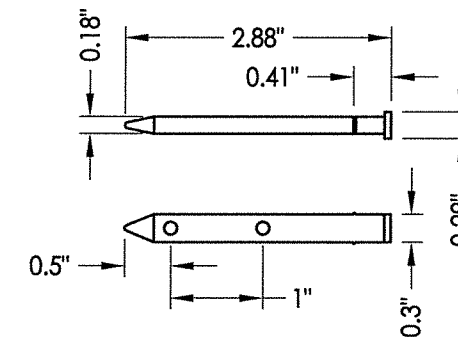
19 HEAD ADAPTER



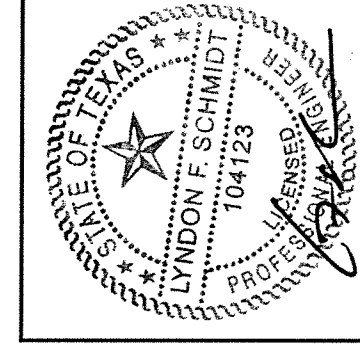
10 REINFORCEMENT
Steel



15 REINFORCEMENT
Steel



28 PIVOT BAR



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Vinyl Double Hung Window

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CHK. BY: LFS
DRAWING NO.: TX-4475
SHEET 3 OF 3