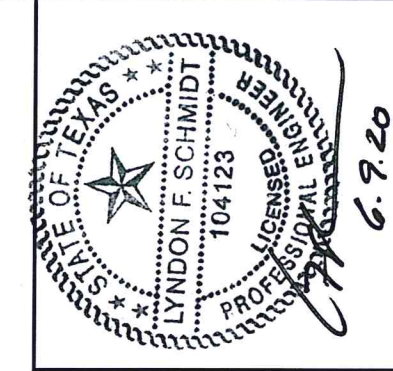
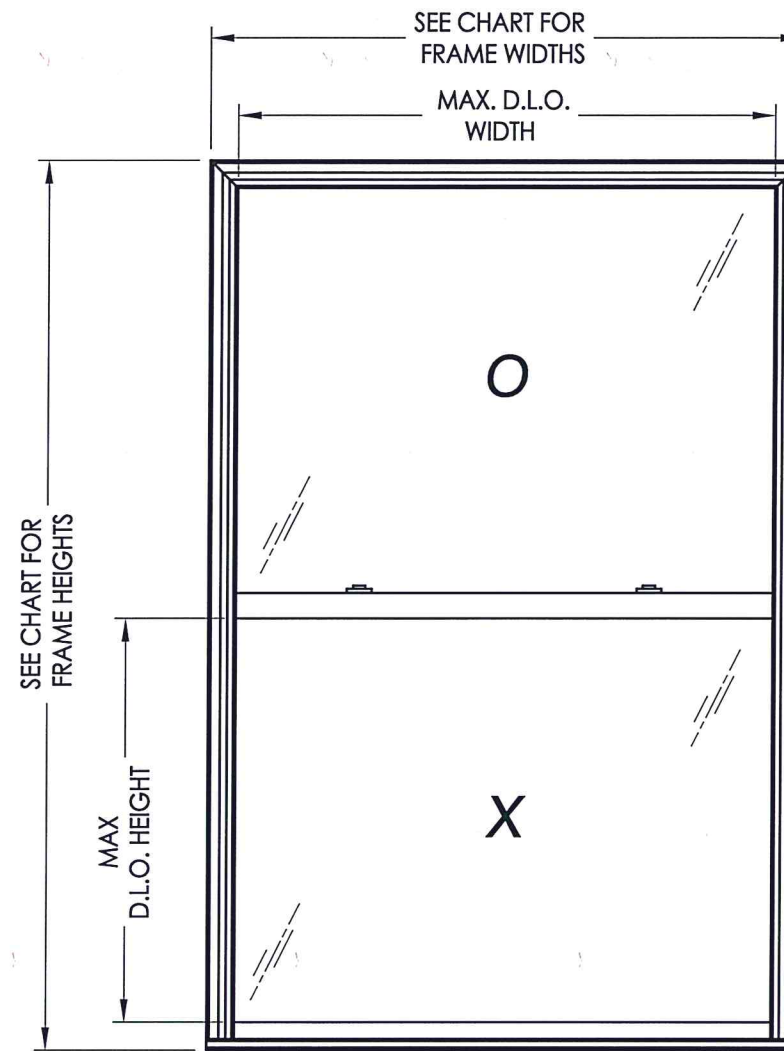


WINCORE™

WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

5400/5400S Series Vinyl Single 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
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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

EVALUATED FOR USE IN THE STATE OF TEXAS

TDI WIN-1402

The Wincore Single 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 and general notes
2	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
48.0" X 72.0"	43.5" X 32.75"	G1	+50.0	-55.0
52.0" X 48.0"	47.5" X 20.75"	G1	+35.0	-45.0
48.0" X 96.0"	43.5" X 55"	G1	+40.0	-40.0
32.0" X 80.0"	27.5" X 36.75"	G1	+35.0	-40.0
54.0" X 56.0"	49.5" X 24.75"	G1	+30.0	-35.0
52.0" X 58.0"	47.5" X 25.75"	G1	+30.0	-35.0
40.0" X 74.0"	35.5" X 33.75"	G1	+30.0	-35.0

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
36.0" X 84.0"	31.5" X 38.75"	G1	+30.0	-35.0
48.0" X 96.0"	43.5" X 44.75"	G2	+30.0	-35.0
36.0" X 96.0"	31.5" X 44.75"	G1	+30.0	-30.0
52.0" X 68.0"	47.5" X 30.75"	G1	+25.0	-30.0
48.0" X 74.0"	43.5" X 33.75"	G1	+25.0	-30.0
44.0" X 82.0"	39.5" X 37.75"	G1	+25.0	-30.0
40.0" X 84.0"	35.5" X 38.75"	G1	+25.0	-30.0

PRODUCT:	5400/5400S SERIES Vinyl Single Hung Window
PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
NO.	1
DATE	1/21/20
UPDATE TO	2018 IBC/IRC
BY	LFS
REVISIONS	
DATE:	4/27/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	TX-4471
SHEET	1 OF 4

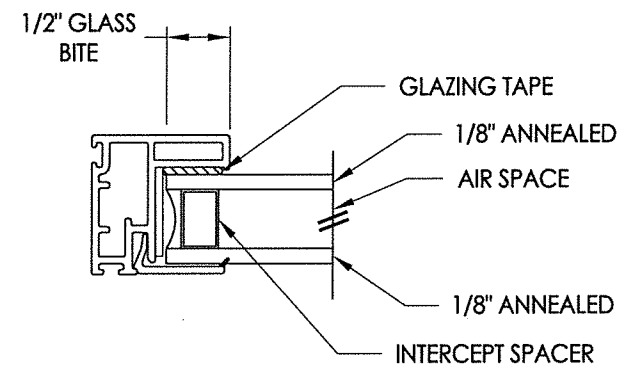
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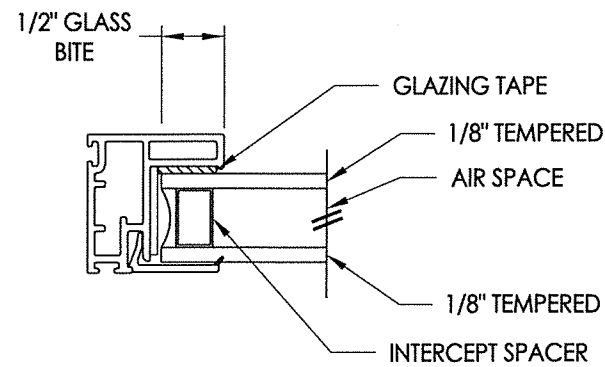
BILL OF MATERIALS

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 HEAD AND JAMB*	PVC
2	SILL*	PVC
5	SASH STILE*	PVC
6	GLAZING BEAD*	PVC
9	LOCK RAIL LOWER SASH*	PVC
10	STAYBAR*	PVC
12	BOTTOM RAIL LOWER SASH*	PVC
16	WEATHERSTRIP ULTRA FAB .270 PILE - 270 -1875B	-
17	WEATHERSTRIP SILLBULB (AMESBURY 32690)	-
20	LOCK 8513 / 8845 LAWRENCE	PVC
21	KEEPER 2700 - 214 LAWRENCE	PVC
23	#6 X 3/4" PFH (VINYL LOCK SCREWS)	STEEL
24	SASH TILT LATCH - ASHLAND	PVC
26	#6 X 1/2" PFH (VINYL LOCK SCREWS)	STEEL
30	REINFORCEMENT (FIXED MEETING RAIL) ALUM. 6063-T6	ALUM
31	REINFORCEMENT (MEETING RAIL) ALUM. 6063-T6	ALUM
32	REINFORCEMENT (SASH STILE) ALUM. 6063-T6	ALUM

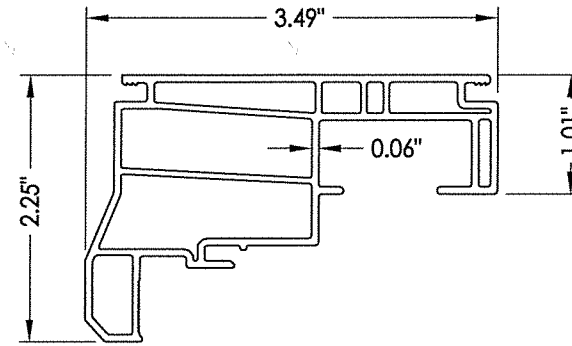
* THE APPROVED WHITE RIGID PVC EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



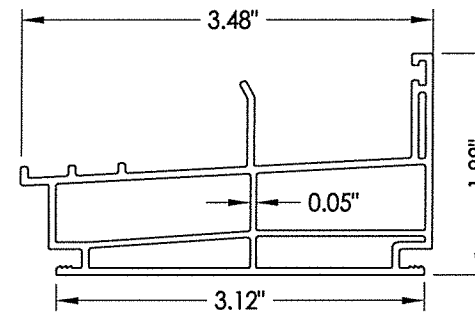
G1 GLAZING DETAIL



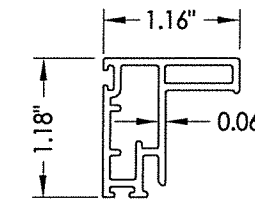
G2 GLAZING DETAIL



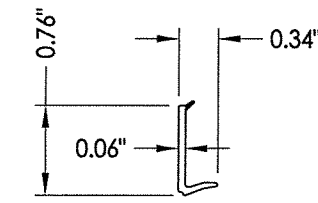
1 FRAME HEAD & JAMB



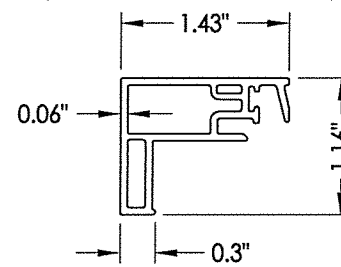
2 SILL



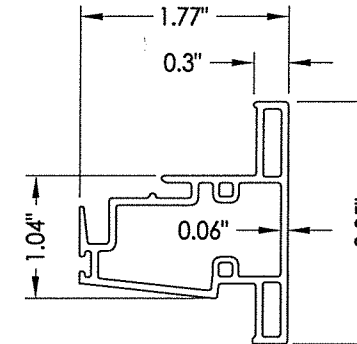
5 SASH STILE



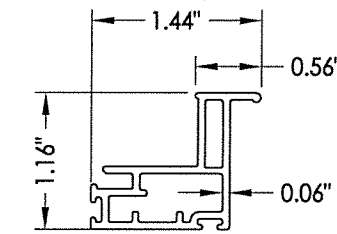
6 GLAZING BEAD



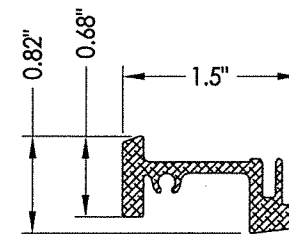
9 LOCK RAIL
Lower Sash



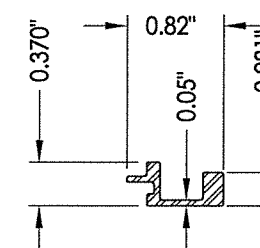
10 STAYBAR



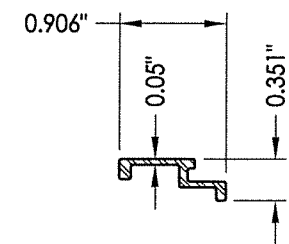
12 BOTTOM RAIL
Lower Sash



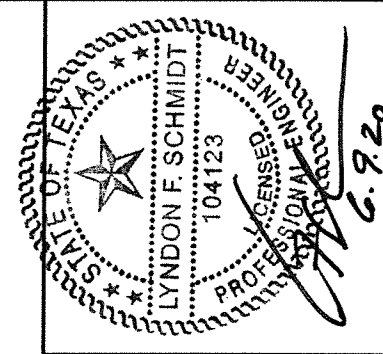
30 REINFORCEMENT
FIXED MEETING RAIL



31 REINFORCEMENT
MEETING RAIL



32 REINFORCEMENT
SASH STILE



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PRODUCT: 5400/5400S SERIES
Vinyl Single Hung Window
PART OR ASSEMBLY:
BILL OF MATERIALS
COMPONENTS & GLAZING DETAILS

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

DATE: 4/27/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4471
SHEET 4 OF 4