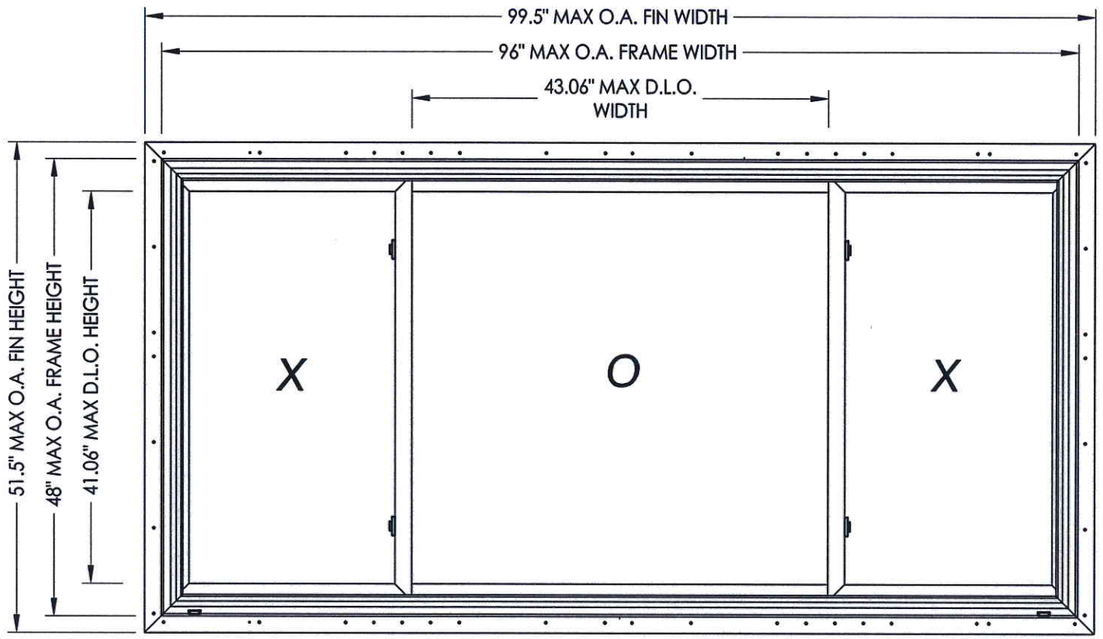
WINCORE™
WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

500 SERIES
Vinyl Horizontal Sliding Window w/ Nailing Fin
"NON-IMPACT"



EVALUATED FOR USE IN THE STATE OF TEXAS

The Wincore Horizontal Sliding Window described herein complies with the 2006 International Residential Code (IRC), Sections R301 & R613 and the 2006 International Building Code (IBC), Sections 1405.12, 1609, 1714.5, 2403 and 2404 (including Texas revisions) 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.

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SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal & vertical cross sections & frame anchoring
3	Bill of materials, components & glazing details

MAX. FIN DIMENSION	MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
99.5" X 51.5"	96.0" X 48.0"	43.06" X 41.06"	G1	+40.0	-40.0

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER
11-18-13

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: 500 SERIES

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

NO.	DATE	BY	REVISIONS

DATE: 11/4/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4406
SHEET 1 OF 3

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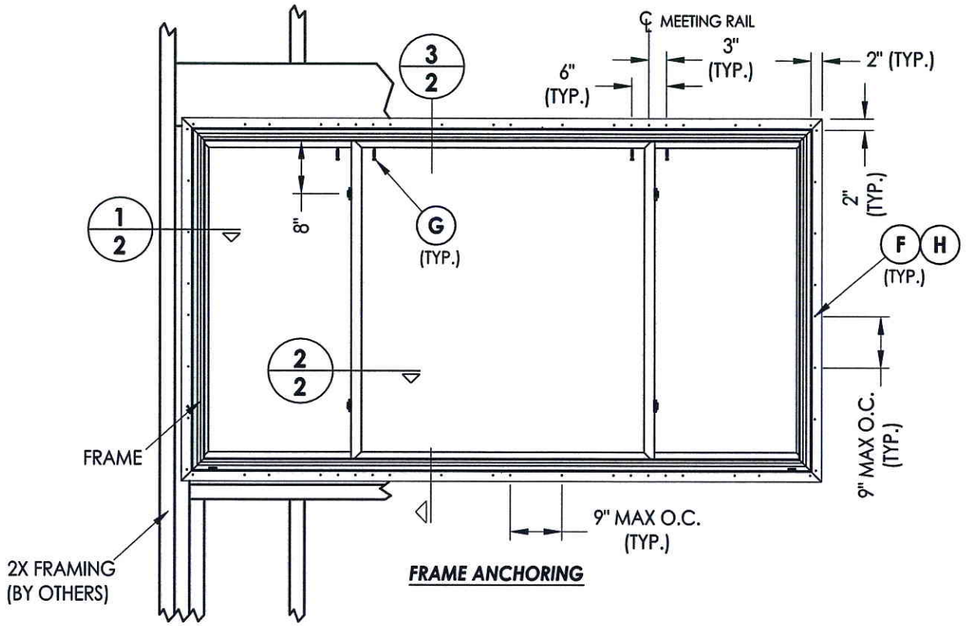
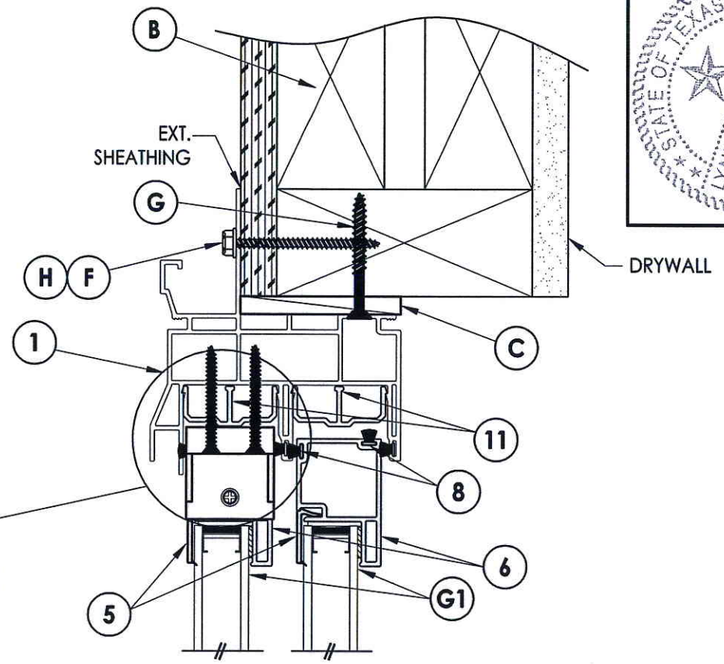
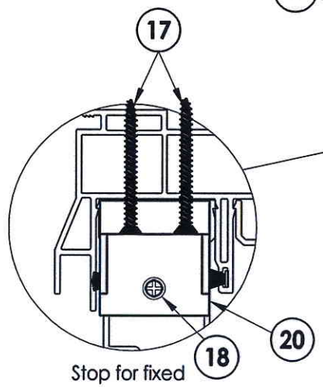
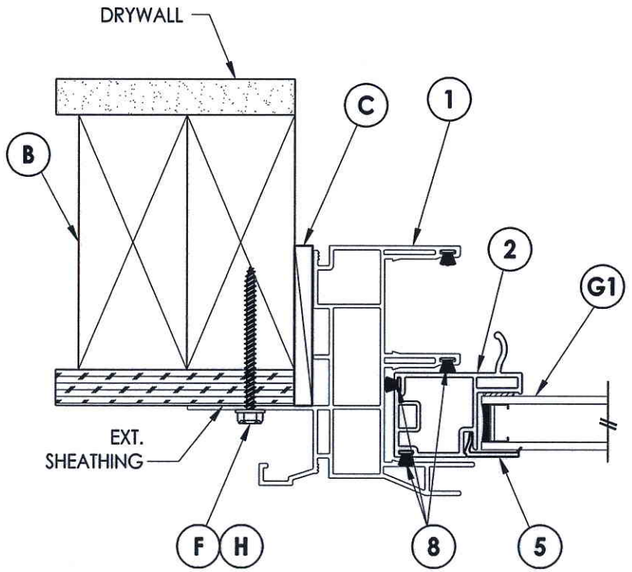


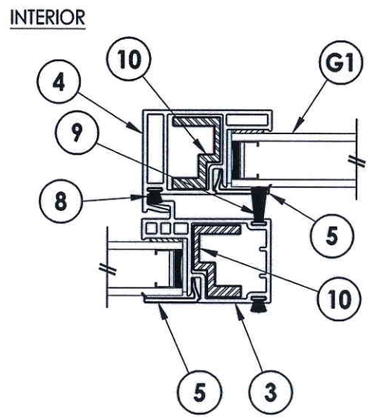
FRAME ANCHORING



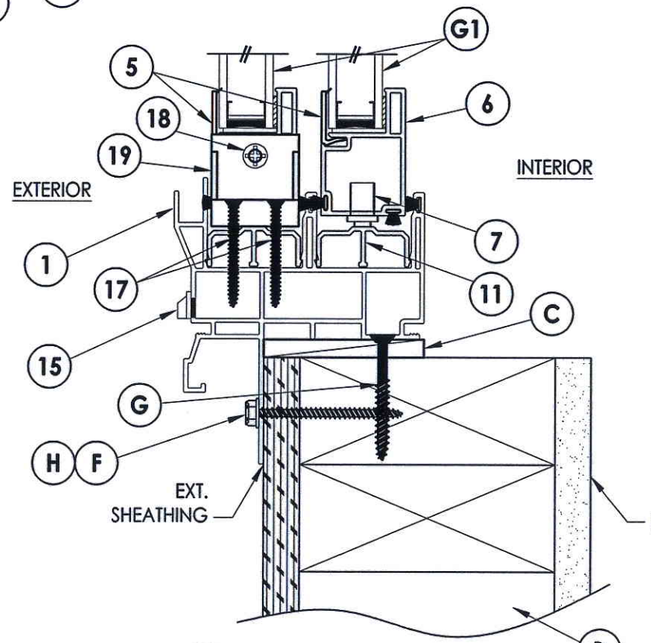




1/2 HORIZONTAL CROSS SECTION



2/2 HORIZONTAL CROSS SECTION



3/2 HORIZONTAL CROSS SECTION

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER

11.18.13

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P.O. Box 230 Valrico FL. 33595
Phone No.: 813.659.9197

TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: 500 SERIES

PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS & FRAME ANCHORING

NO.	DATE	BY
	REVISIONS	

DATE: 11/4/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4406
SHEET 2 OF 3

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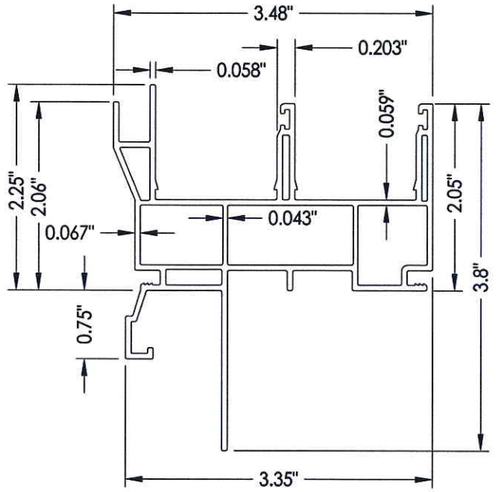
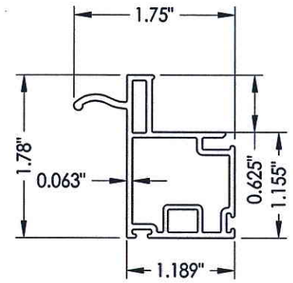
BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#8 X 2" HWH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	#10 X 1-1/2" PFH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	STEEL
H	#8 X 2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
1	FRAME (500 SERIES - "J" CHANNEL)*	PVC
2	SLIDER PULL STILE*	PVC
3	LOCK STILE*	PVC
4	KEEPER STILE*	PVC
5	GLAZING BEAD*	PVC
6	SLIDER COMMON RAIL*	PVC
7	METAL ROLLERS w/ PLASTIC HOUSING	-
8	WEATHERSTRIP (0.230")	-
9	WEATHERSTRIP (0.380")	-
10	REINFORCEMENT	ALUM
11	SILL TRACK*	PVC
15	WEEPHOLE CAP*	PVC
17	#8 X 1-1/4" PFH SMS	STEEL
18	#8 X 3/4" PFH WOOD SCREW	STEEL
19	LOWER FLANKER STOP	NYLON
20	UPPER FLANKER STOP	NYLON

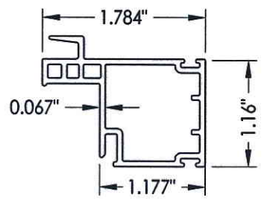
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



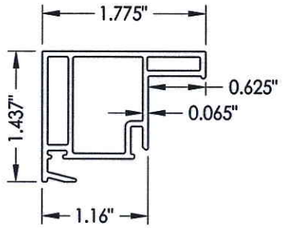
1 **FRAME** 500 SERIES



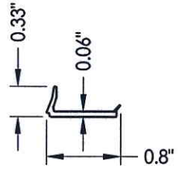
2 **SLIDER PULL STILE**



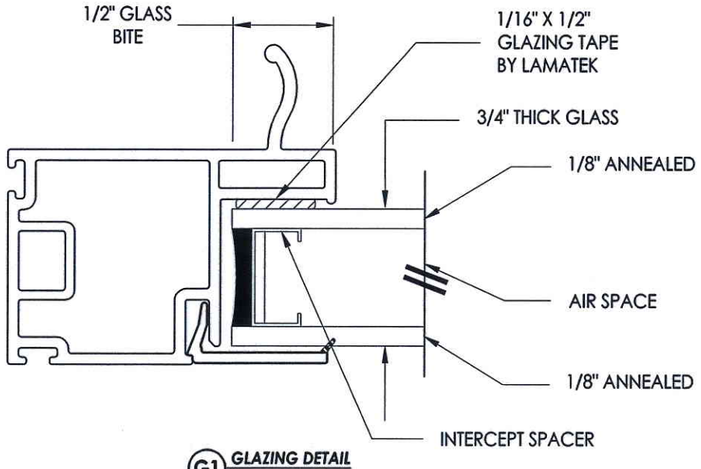
3 **LOCK STILE**



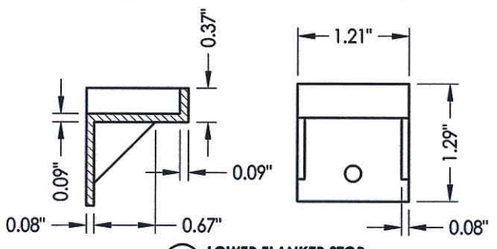
4 **KEEPER STILE**



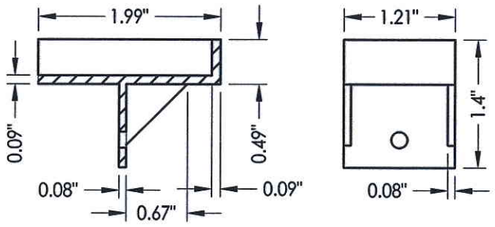
5 **GLAZING BEAD**



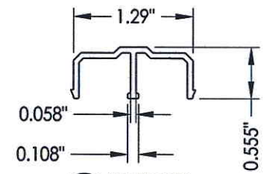
G1 **GLAZING DETAIL**



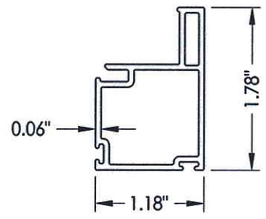
19 **LOWER FLANKER STOP**



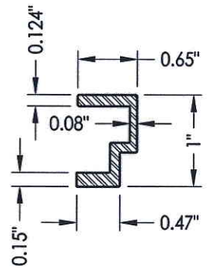
20 **UPPER FLANKER STOP**



11 **SILL TRACK**



6 **SLIDER COMMON RAIL**



10 **REINFORCEMENT**

STATE OF TEXAS · LYNDON F. SCHMIDT · 104123 · LICENSED PROFESSIONAL ENGINEER

11.18.13

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

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P.O. Box 230 Valrico FL 33595
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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: 500 SERIES

PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS & GLAZING DETAILS

NO.	DATE	BY	REVISIONS

DATE: 11/4/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4406
SHEET 3 OF 3

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