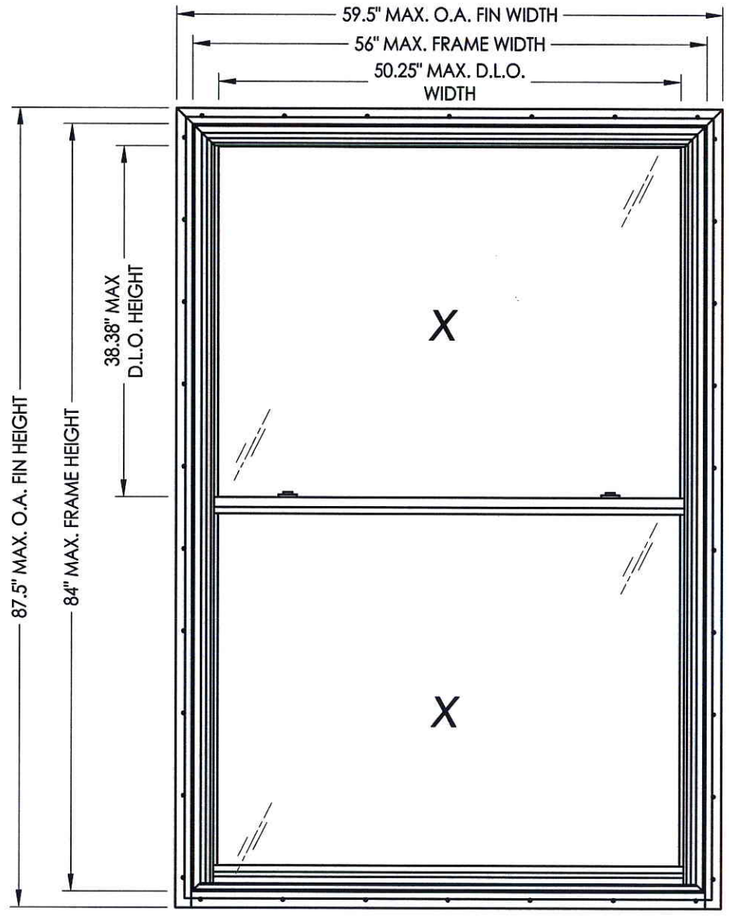
WINCORE™
WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

500 Series
Vinyl Double Hung
Window w/ Nailing Fin
"NON-IMPACT"



EVALUATED FOR USE IN THE STATE OF TEXAS

The Wincore Double Hung 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 & general notes
2	Vertical & horizontal cross sections & frame anchoring
3	Bill of materials & components

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	REINFORCEMENT LOCATIONS	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
44.0" X 60.0"	38.25" X 26.38"	G1	None	+35.0	-35.0
52.0" X 63.0"	46.25" X 27.88"	G1	Mtg. Rail / Lock Rail	+30.0	-30.0
36.0" X 68.0"	30.25" X 30.38"	G1	All Rails & Stiles	+50.0	-50.0
46.0" X 77.0"	40.25" X 34.88"	G1	All Rails & Stiles	+35.0	-35.0

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER
8.15.13

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 Vinyl Double Hung Window

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

NO.	DATE	BY

REVISIONS

DATE: 8/14/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4345
SHEET 1 OF 3

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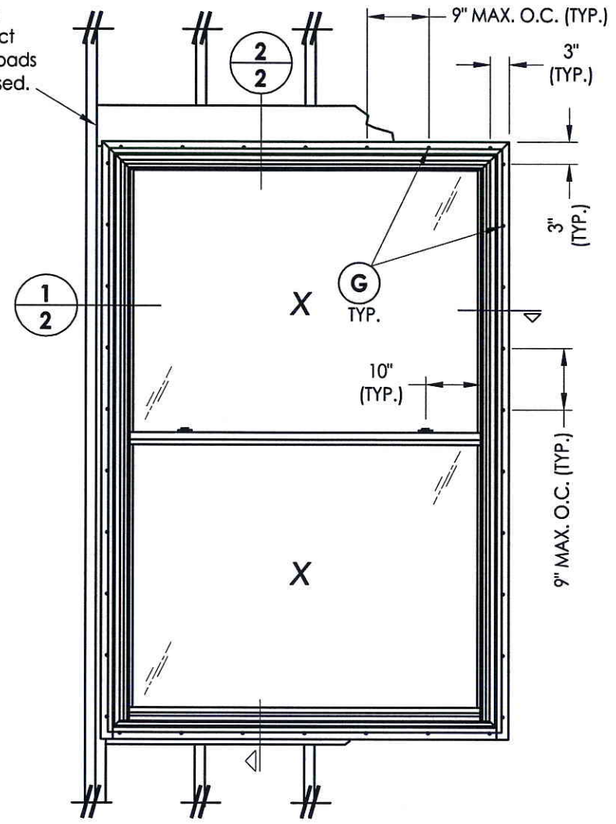
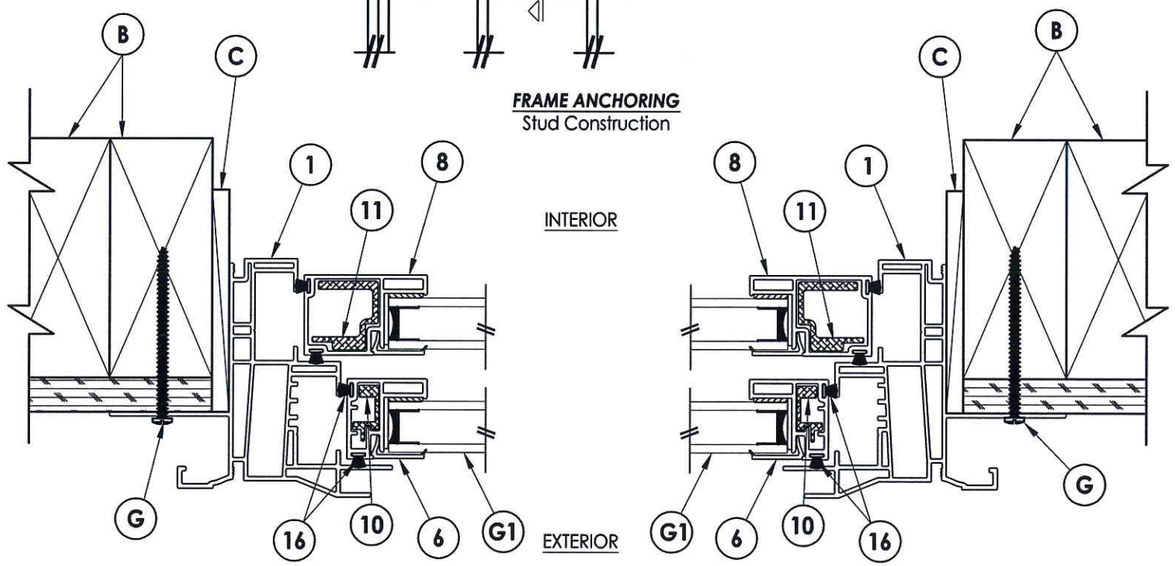
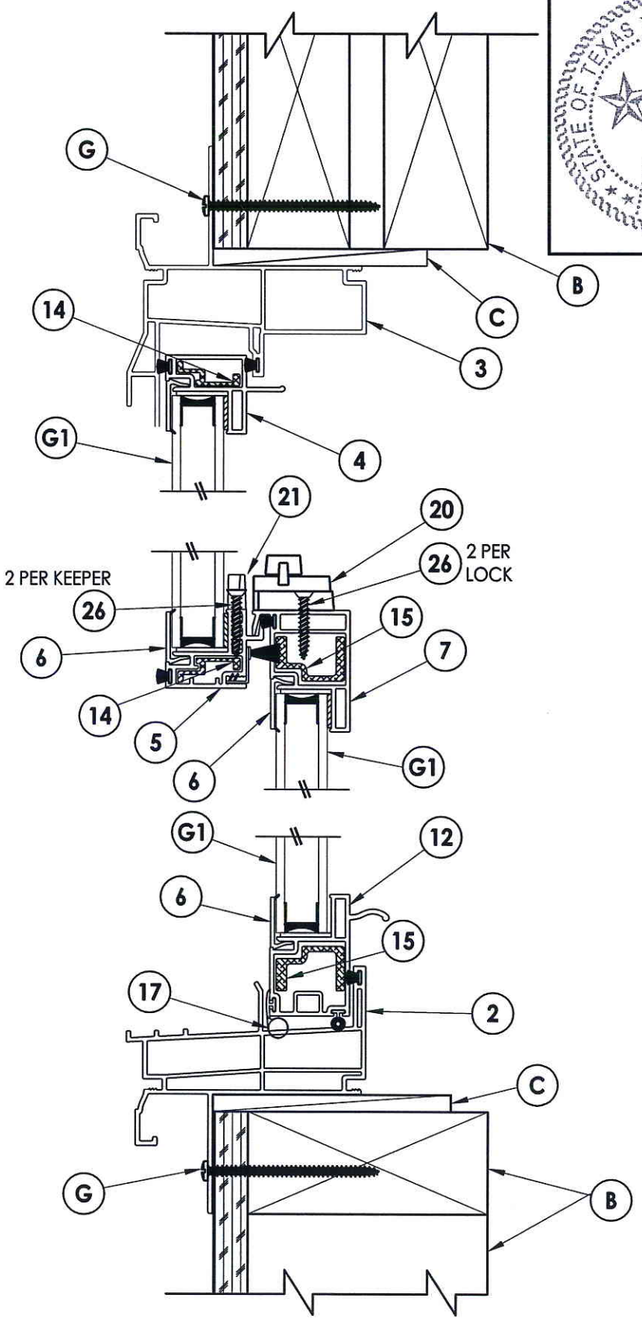
2x framing to be designed by the engineer or architect of record based on wind loads and the cladding being used.



FRAME ANCHORING
Stud Construction



1/3 **HORIZONTAL CROSS SECTION**
Stud Construction



2/3 **VERTICAL CROSS SECTION**
Stud Construction

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8/15/13

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

PRODUCT: 500 SERIES Vinyl Double Hung Window

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

NO.	DATE	REVISIONS	BY

DATE: 8/14/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4345
SHEET 2 OF 3

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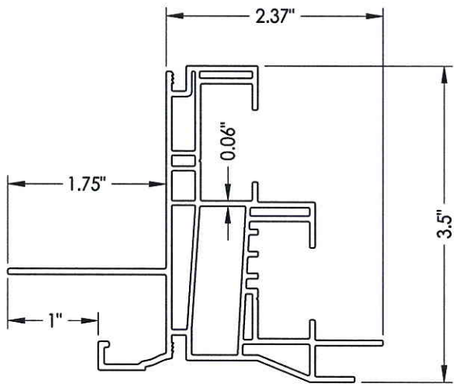
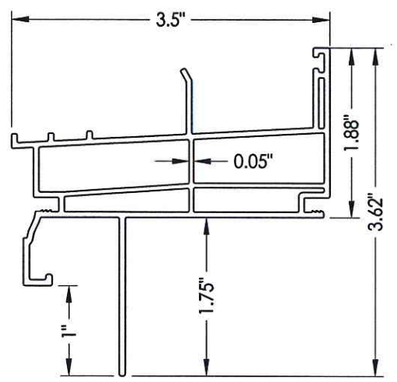
BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
G	#8 X 2-1/2" PPH WOOD SCREW	STEEL
1	FRAME JAMB*	PVC
2	SILL*	PVC
3	FRAME HEAD*	PVC
4	TOP RAIL UPPER SASH*	PVC
5	KEEPER RAIL UPPER SASH*	PVC
6	GLAZING BEAD*	PVC
7	LOCK RAIL LOWER SASH*	PVC
8	LOWER SASH STILE*	PVC
10	REINFORCEMENT (6005-T5) ALUM	ALUM
11	REINFORCEMENT (6005-T5) ALUM	ALUM
12	BOTTOM RAIL LOWER SASH*	PVC
14	REINFORCEMENT (6005-T5) ALUM	ALUM
15	REINFORCEMENT (6005-T5) ALUM	ALUM
16	WEATHERSTRIP ULTRA FAB .270 PILE - 270 -1875B	-
17	WEATHERSTRIP SILLBULB (AMESBURY 32690)	-
20	LOCK	-
21	KEEPER	-
26	#8 X 1" TEK SCREW	STEEL

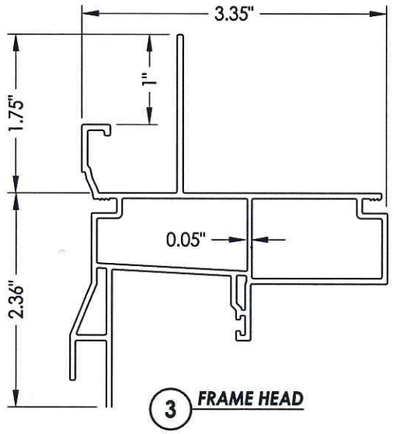
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



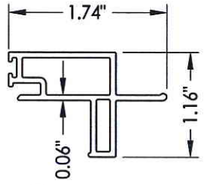
1 FRAME JAMB



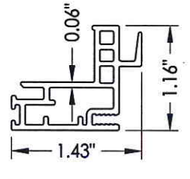
2 FRAME SILL



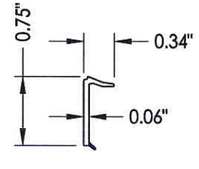
3 FRAME HEAD



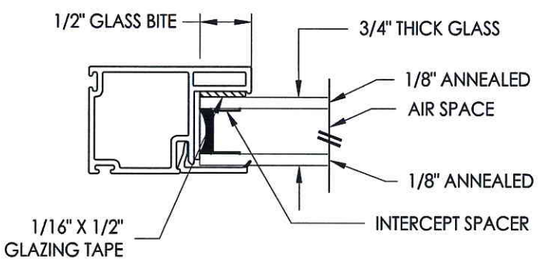
4 TOP RAIL Upper Sash



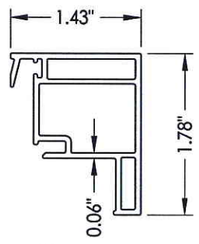
5 KEEPER RAIL Upper Sash



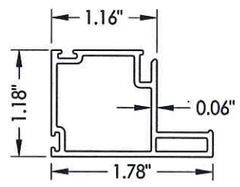
6 GLAZING BEAD



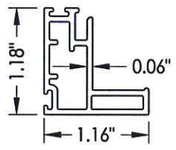
G1 GLAZING DETAIL



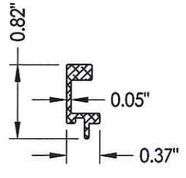
7 LOCK RAIL Lower Sash



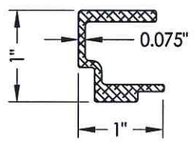
8 LOWER SASH STILE



9 UPPER SASH STILE



10 REINFORCEMENT Alum.



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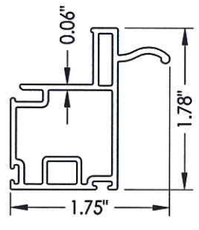
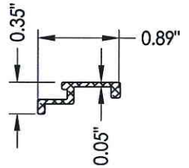
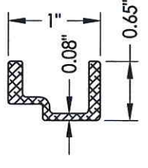


12 BOTTOM RAIL Lower Sash



14 REINFORCEMENT Alum.



15 REINFORCEMENT Alum.

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

8-15-13

PRODUCT: 500 SERIES Vinyl Double Hung Window

PART OR ASSEMBLY: COMPONENTS

NO.	DATE	BY
REVISIONS		

DATE: 8/14/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4345
SHEET 3 OF 3

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