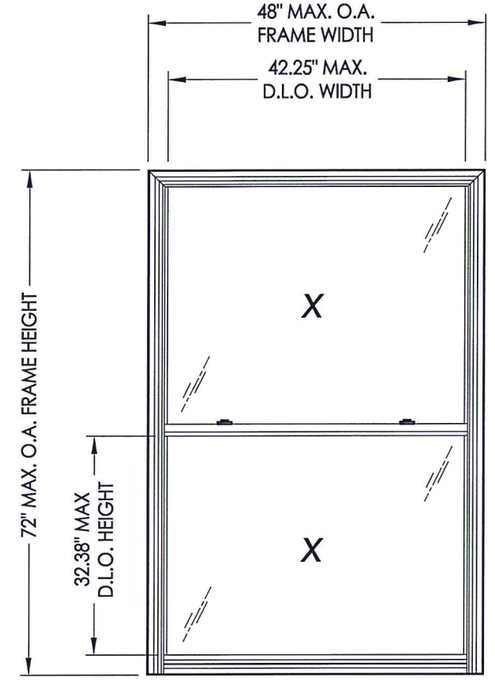
WINCORE™
WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

5400/5400S Series Vinyl Double Hung Window

"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 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
32.0" X 54.0"	26.25" X 23.38"	G1	+55.0	-65.0
48.0" X 42.0"	42.25" X 17.38"	G1	+50.0	-50.0
44.0" X 46.0"	38.25" X 19.38"	G1	+50.0	-50.0
40.0" X 50.0"	34.25" X 21.38"	G1	+50.0	-50.0
36.0" X 56.0"	30.25" X 24.38"	G1	+50.0	-50.0
32.0" X 64.0"	26.25" X 28.38"	G1	+50.0	-50.0
48.0" X 48.0"	42.25" X 20.38"	G1	+45.0	-45.0
44.0" X 52.0"	38.25" X 22.38"	G1	+45.0	-45.0
40.0" X 56.0"	34.25" X 24.38"	G1	+45.0	-45.0
36.0" X 64.0"	30.25" X 28.38"	G1	+45.0	-45.0

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
32.0" X 70.0"	26.25" X 31.38"	G1	+45.0	-45.0
48.0" X 54.0"	42.25" X 23.38"	G1	+40.0	-40.0
44.0" X 58.0"	38.25" X 25.38"	G1	+40.0	-40.0
40.0" X 64.0"	34.25" X 28.38"	G1	+40.0	-40.0
36.0" X 72.0"	30.25" X 32.38"	G1	+40.0	-40.0
48.0" X 60.0"	42.25" X 26.38"	G1	+35.0	-35.0
44.0" X 66.0"	38.25" X 29.38"	G1	+35.0	-35.0
40.0" X 72.0"	34.25" X 32.38"	G1	+35.0	-35.0
48.0" X 72.0"	42.25" X 32.38"	G1	+30.0	-35.0

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
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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: 5400/5400S SERIES Vinyl Double Hung Window

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

NO.	DATE	BY	REVISIONS

DATE: 9/09/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4472
SHEET 1 OF 3

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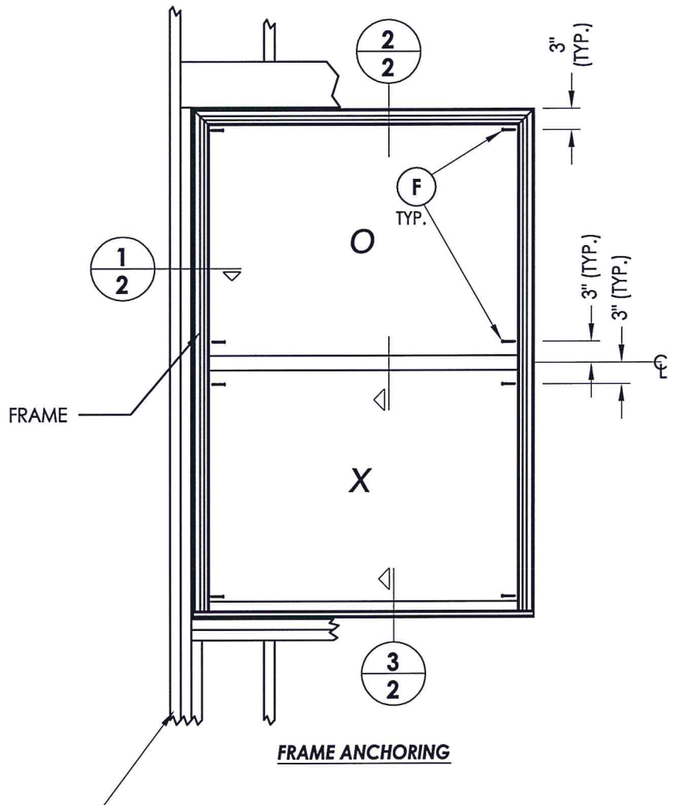
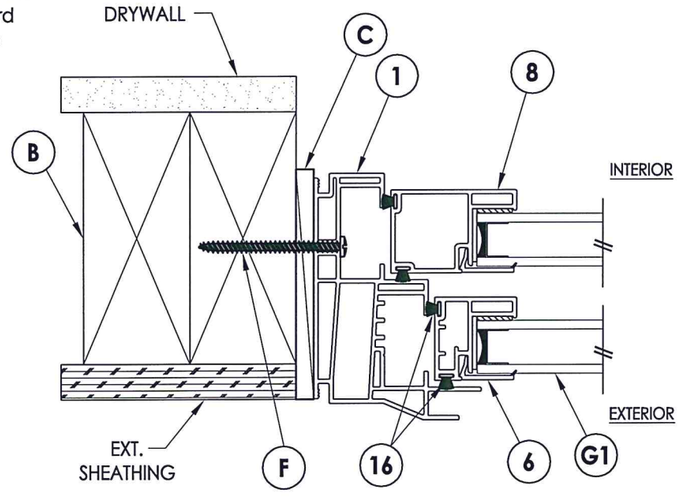
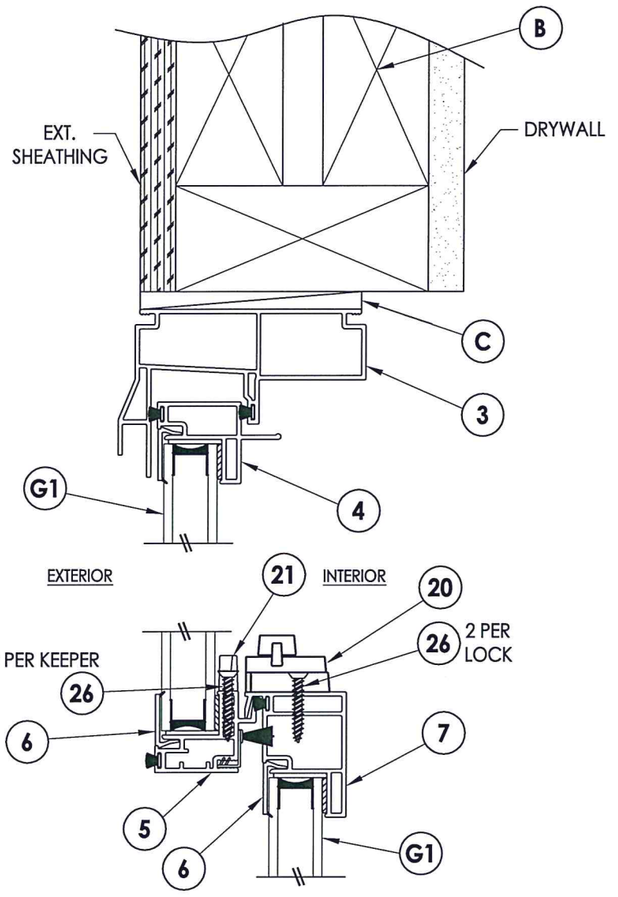


FRAME ANCHORING

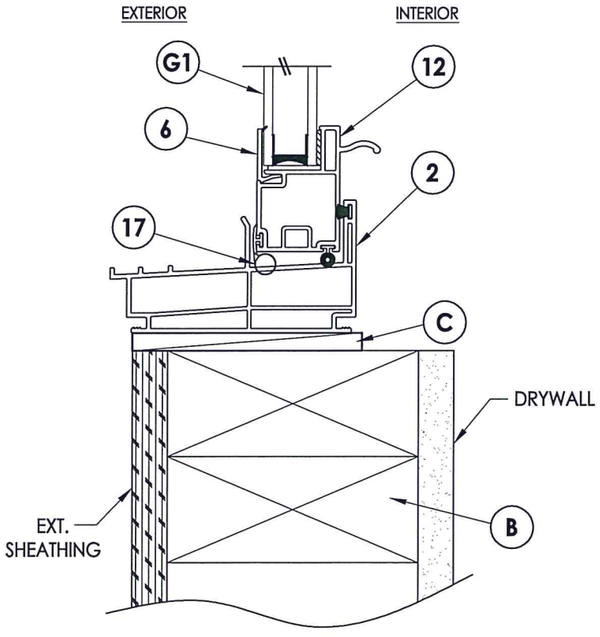
2x framing to be designed by the engineer or architect of record based on wind loads and the cladding being used (typ.).



1/2 **HORIZONTAL CROSS SECTION**



2/2 **VERTICAL CROSS SECTION**



3/2 **VERTICAL CROSS SECTION**

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PART OR ASSEMBLY: CROSS SECTIONS & FRAME ANCHORING

NO.	DATE	REVISIONS	BY

DATE: 9/09/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4472
SHEET 2 OF 3

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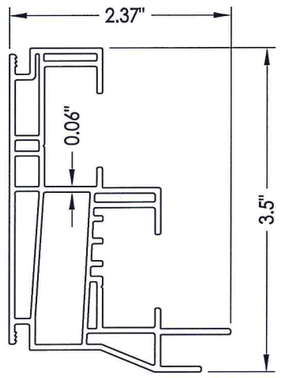
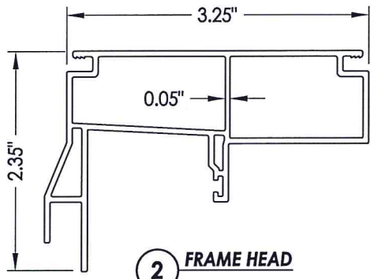
BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#8 X 2" PH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	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	PVC
21	KEEPER	PVC
26	#8 X 1" TEK SCREW	STEEL

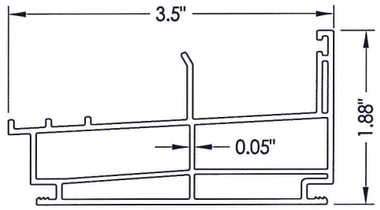
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



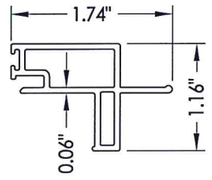
1 FRAME JAMB



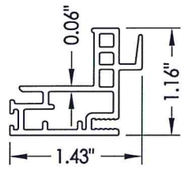
2 FRAME HEAD



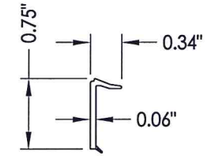
3 FRAME SILL



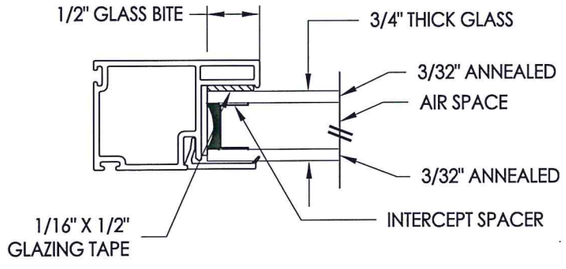
4 TOP RAIL Upper Sash



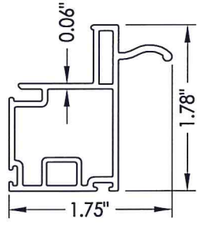
5 KEEPER RAIL Upper Sash



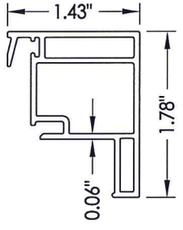
6 GLAZING BEAD



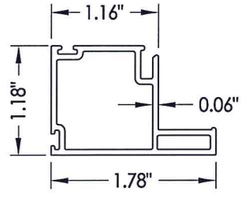
G1 GLAZING DETAIL



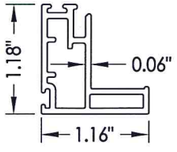
12 BOTTOM RAIL Lower Sash



7 LOCK RAIL Lower Sash



8 LOWER SASH STILE



9 UPPER SASH STILE

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PART OR ASSEMBLY: BILL OF MATERIALS COMPONENTS & GLAZING DETAILS

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REVISIONS

DATE: 9/09/14
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DWG. BY: JK
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DRAWING NO.: TX-4472
SHEET 3 OF 3

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