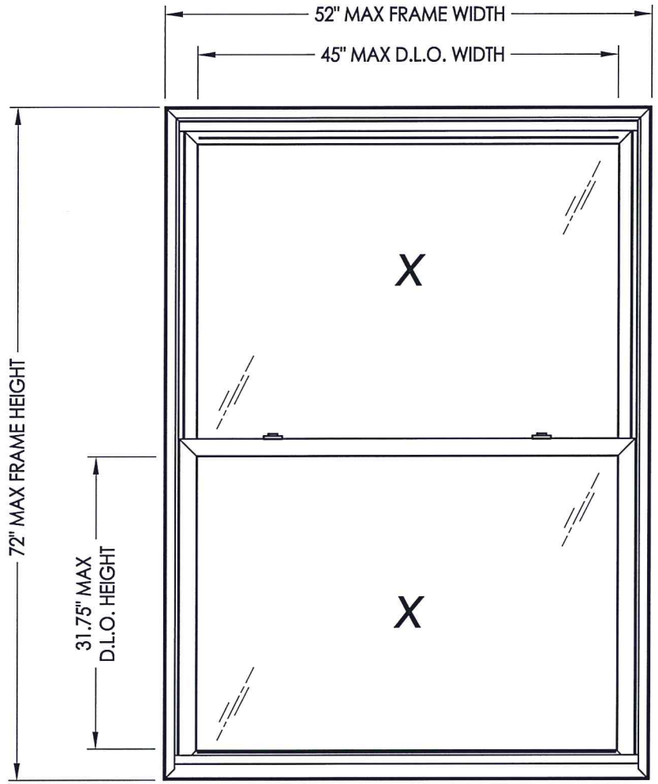
WINCORE™
WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

7700/9900 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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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 58.0"	25.0" X 24.75"	G1, G2	+55.0	-65.0
52.0" X 40.0"	45.0" X 15.75"	G1, G2	+45.0	-45.0
48.0" X 42.0"	41.0" X 16.75"	G1, G2	+45.0	-45.0
44.0" X 46.0"	37.0" X 18.75"	G1, G2	+45.0	-45.0
40.0" X 52.0"	33.0" X 21.75"	G1, G2	+45.0	-45.0
36.0" X 56.0"	29.0" X 23.75"	G1, G2	+45.0	-45.0
32.0" X 64.0"	25.0" X 27.75"	G1, G2	+45.0	-45.0
52.0" X 44.0"	45.0" X 17.75"	G1, G2	+40.0	-40.0
48.0" X 48.0"	41.0" X 19.75"	G1, G2	+40.0	-40.0
44.0" X 52.0"	37.0" X 21.75"	G1, G2	+40.0	-40.0
40.0" X 58.0"	33.0" X 24.75"	G1, G2	+40.0	-40.0

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
36.0" X 64.0"	29.0" X 27.75"	G1, G2	+40.0	-40.0
32.0" X 70.0"	25.0" X 30.75"	G1, G2	+40.0	-40.0
52.0" X 50.0"	45.0" X 20.75"	G1, G2	+35.0	-35.0
48.0" X 54.0"	41.0" X 22.75"	G1, G2	+35.0	-35.0
44.0" X 60.0"	37.0" X 25.75"	G1, G2	+35.0	-35.0
40.0" X 66.0"	33.0" X 28.75"	G1, G2	+35.0	-35.0
36.0" X 72.0"	29.0" X 31.75"	G1, G2	+35.0	-35.0
52.0" X 60.0"	45.0" X 25.75"	G1, G2	+30.0	-30.0
48.0" X 64.0"	41.0" X 27.75"	G1, G2	+30.0	-30.0
44.0" X 70.0"	37.0" X 30.75"	G1, G2	+30.0	-30.0
40.0" X 72.0"	33.0" X 31.75"	G1, G2	+30.0	-30.0
52.0" X 72.0"	45.0" X 31.75"	G1, G2	+25.0	-25.0

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED
PROFESSIONAL ENGINEER
7-27-14

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Phone No.: 813.659.9197
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: 7700/9900 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-4474
SHEET 1 OF 3

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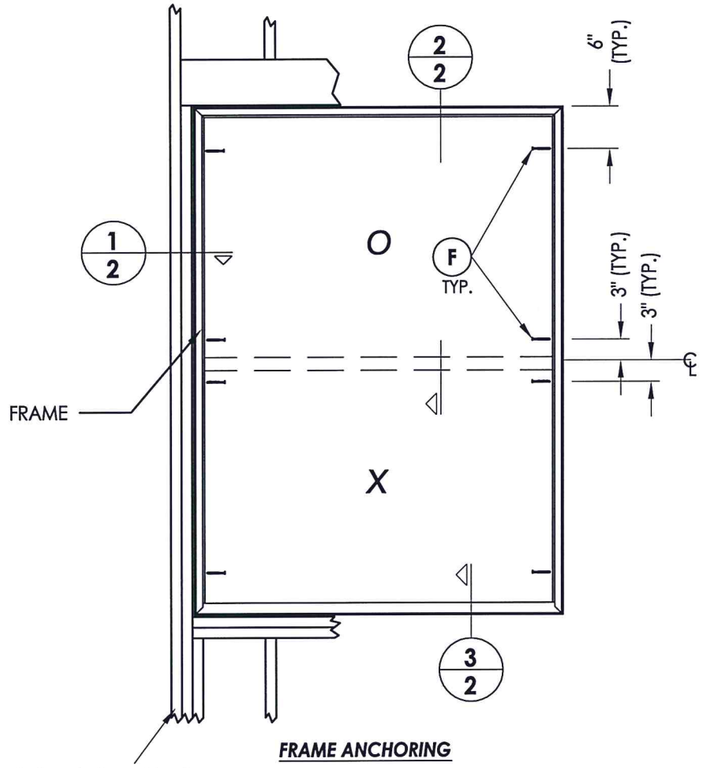
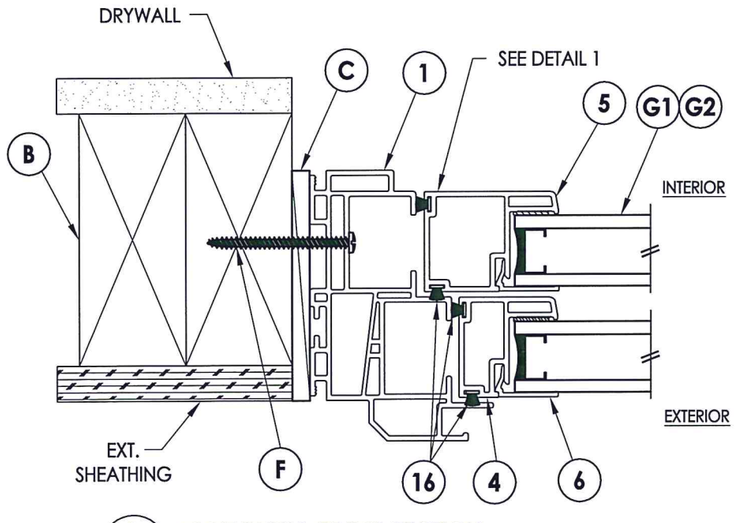
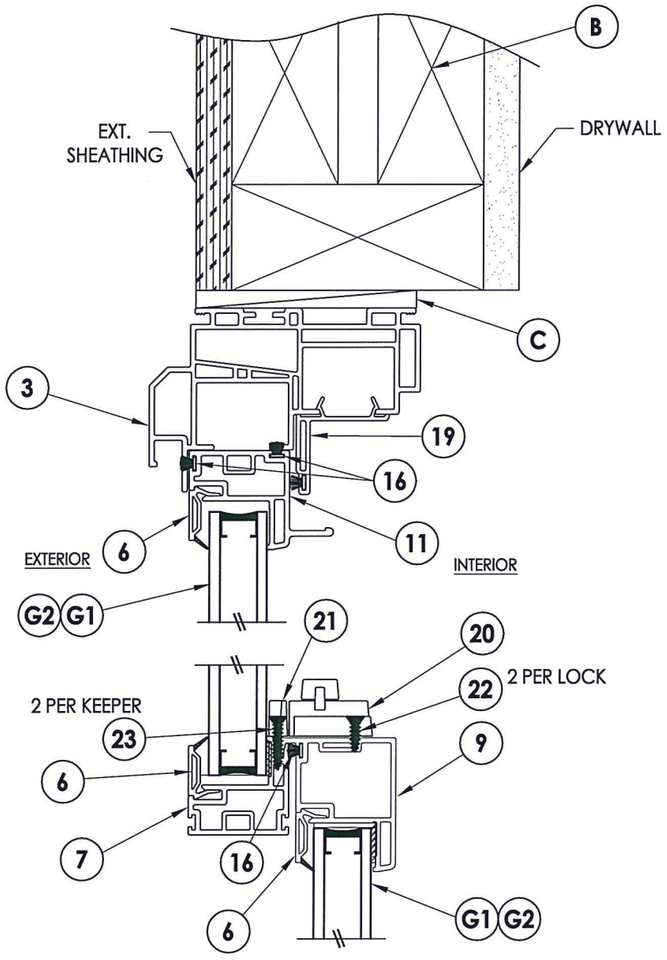


FRAME ANCHORING

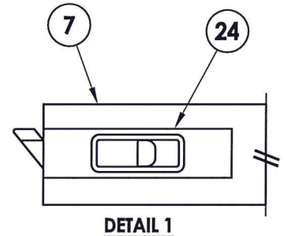
2x framing to be designed by the engineer or architect of record based on wind loads and the cladding being used (typ.).



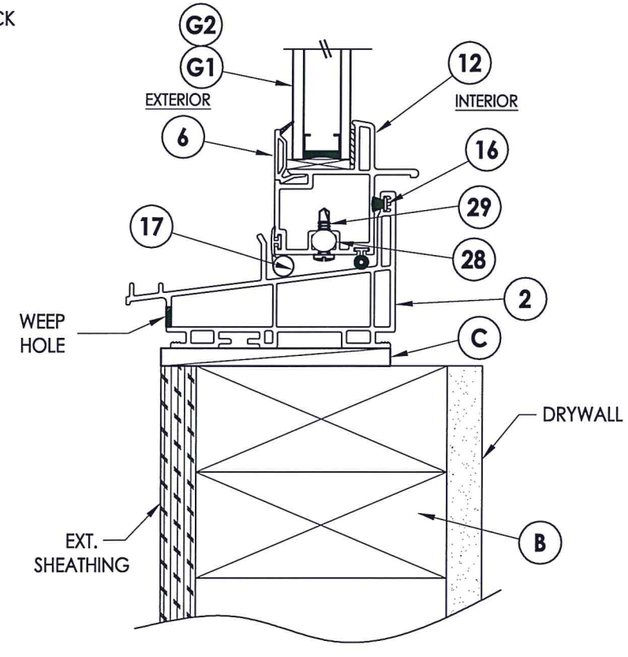
1/2 **HORIZONTAL CROSS SECTION**



2/2 **VERTICAL CROSS SECTION**



DETAIL 1



3/2 **VERTICAL CROSS SECTION**

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

STATE OF TEXAS · LYNDON F. SCHMIDT · 104123 · LICENSED PROFESSIONAL ENGINEER · 72716

PRODUCT: 7700/9900 SERIES Vinyl Double Hung Window

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-4474
SHEET 2 OF 3

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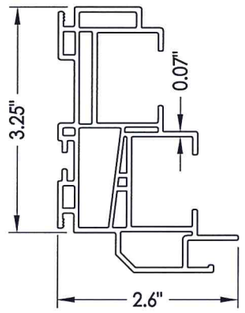
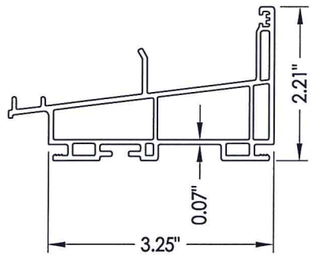
BILL OF MATERIALS

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* (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
11	TOP RAIL UPPER SASH* (SE 3037)	PVC
12	BOTTOM RAIL LOWER SASH* (SE 3047)	PVC
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".



3 1 **FRAME HEAD & JAMB**



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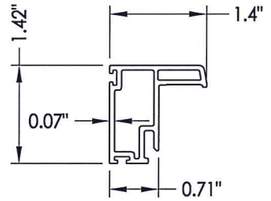
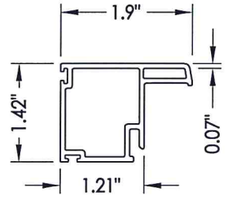
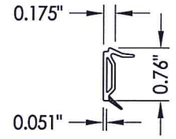


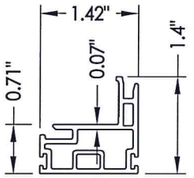
4 **SASH STILE** Top



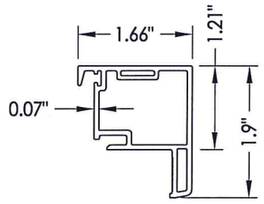
5 **SASH STILE** Bottom



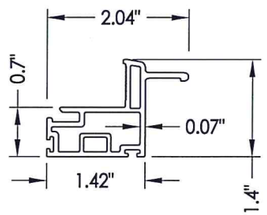
6 **GLAZING BEAD**



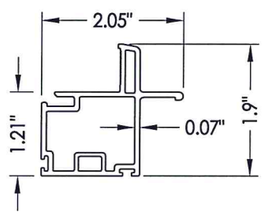
7 **KEEPER RAIL** Upper Sash



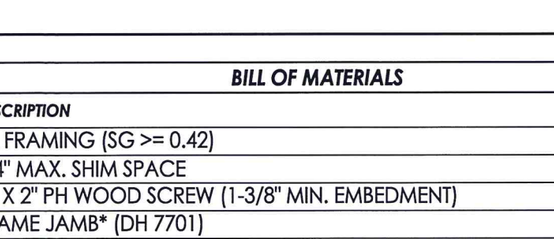
9 **LOCK RAIL** Lower Sash



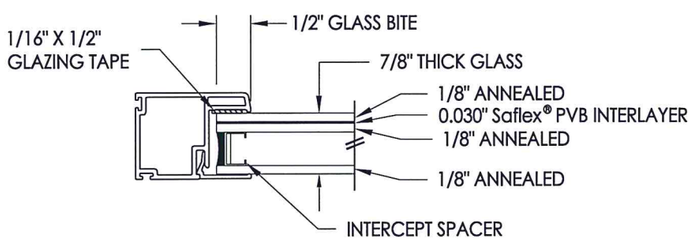
11 **TOP RAIL** Upper Sash



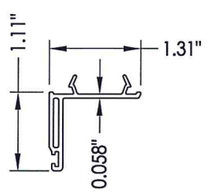
12 **BOTTOM RAIL** Lower Sash



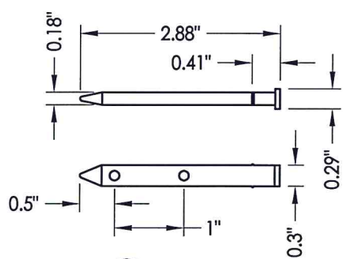
G1 **GLAZING DETAIL**



G2 **GLAZING DETAIL**
(See General Note 2, Sheet 1)



19 **HEAD ADAPTER**



28 **PIVOT BAR**

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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: 7700/9900 SERIES Vinyl Double Hung Window

PART OR ASSEMBLY: BILL OF MATERIALS COMPONENTS & GLAZING DETAIL

NO.	DATE	BY	REVISIONS

DATE: 9/09/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4474
SHEET 3 OF 3

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