WINCORE™
WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

8400 Series
Vinyl Fixed Window
"NON-IMPACT"

EVALUATED FOR USE IN THE STATE OF TEXAS

The Wincore Fixed 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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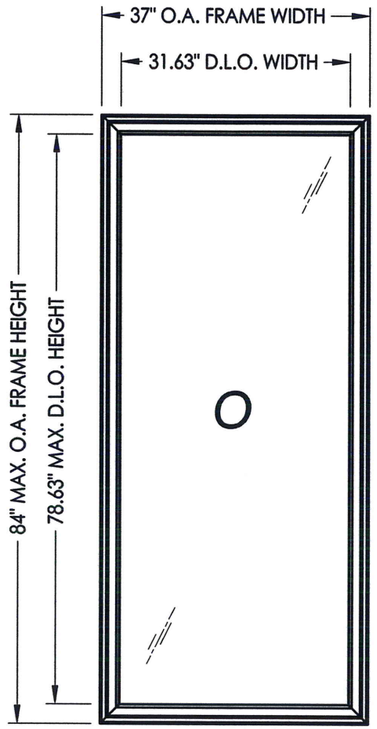
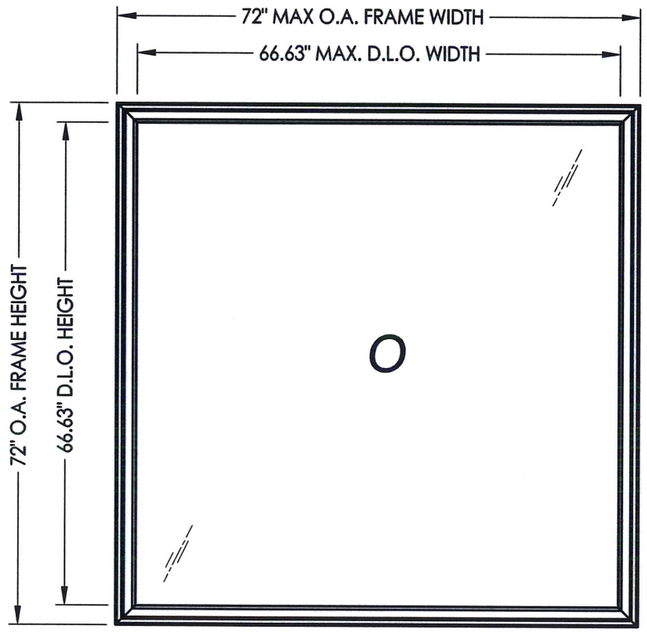
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal cross sections
3	Frame anchoring
4	Frame anchoring
5	Bill of materials, components and glazing details





MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
37.0" X 84.0"	31.63" X 78.63"	G2	+65.0	-65.0
48.0" X 60.0"	42.63" X 54.63"	G1	+50.0	-50.0
64.0" X 64.0"	58.63" X 58.63"	G3	+65.0	-65.0
72.0" X 72.0"	66.63" X 66.63"	G3	+50.0	-50.0
		G2	+55.0	-65.0
76.0" X 63.0"	70.63" X 57.63"	G4	+80.0	-80.0

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED
PROFESSIONAL ENGINEER
9-5-14

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

R.W. 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: 8400 SERIES VINYL FIXED WINDOW

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

NO.	DATE	REVISIONS	BY
1	8/27/13	ADDED NEW FRAME SIZE	JK

DATE: 9/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4236
SHEET 1 OF 5

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1/2 **HORIZONTAL CROSS SECTION**

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PRODUCT: *8400 SERIES VINYL FIXED WINDOW*

PART OR ASSEMBLY: *HORIZONTAL CROSS SECTIONS*

NO.	DATE	REVISIONS	BY
1	8/27/13	ADDED NEW FRAME SIZE	JK

DATE: 9/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4236
SHEET 2 OF 5

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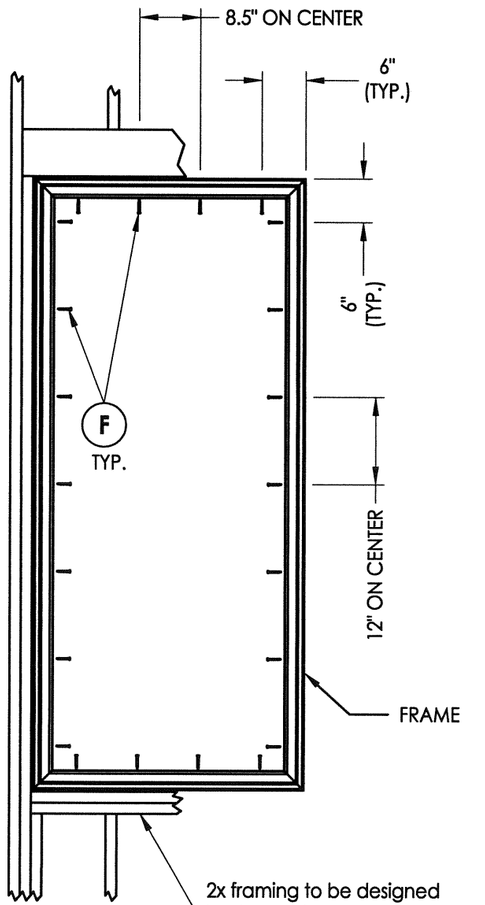
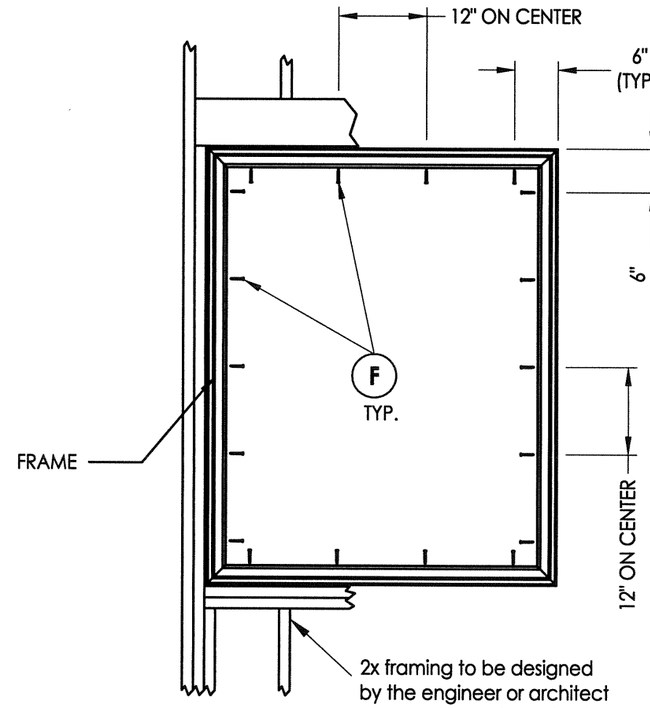
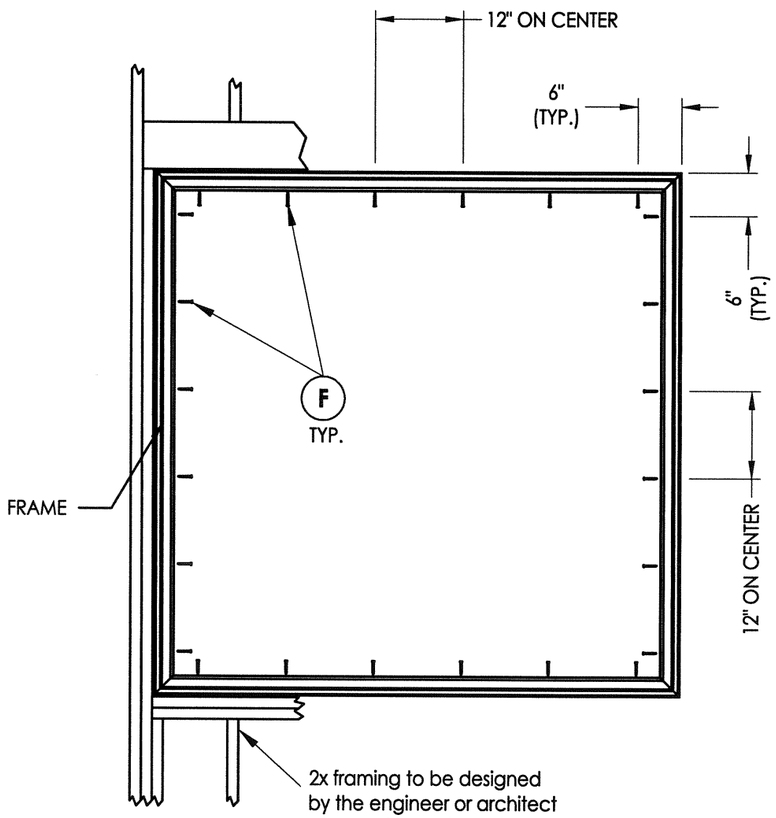


FRAME ANCHORING
37" X 84" MAX



FRAME ANCHORING
48" X 60" MAX



FRAME ANCHORING
72" X 72" MAX

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

PRODUCT: *8400 SERIES VINYL FIXED WINDOW*

PART OR ASSEMBLY: *FRAME ANCHORING*

NO.	DATE	REVISIONS	BY
1	8/27/13	ADDED NEW FRAME SIZE	JK

DATE: 9/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4236
SHEET 3 OF 5

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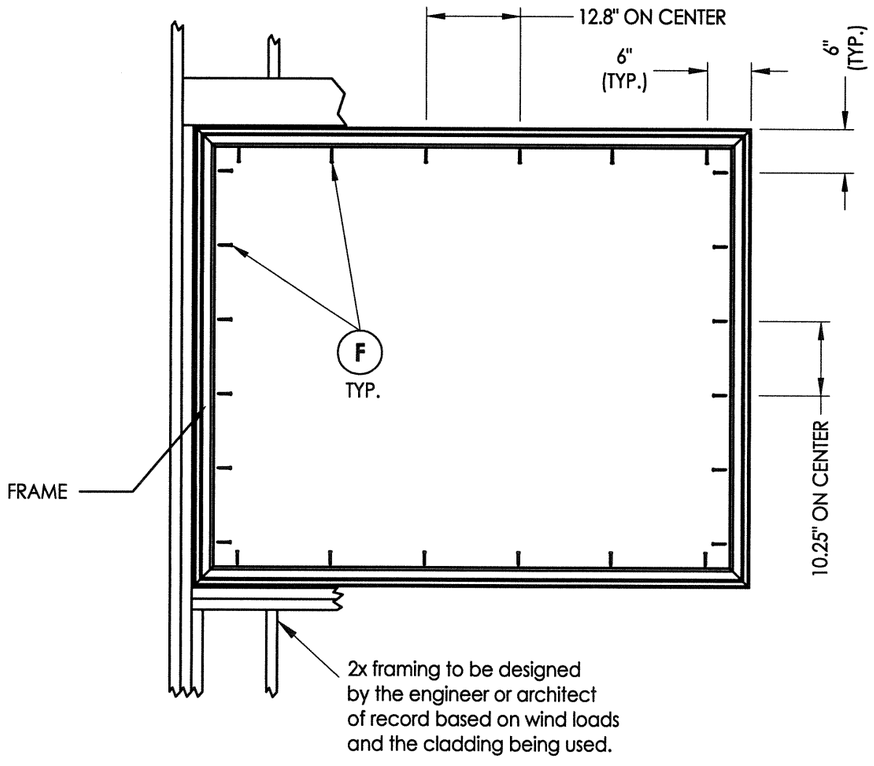
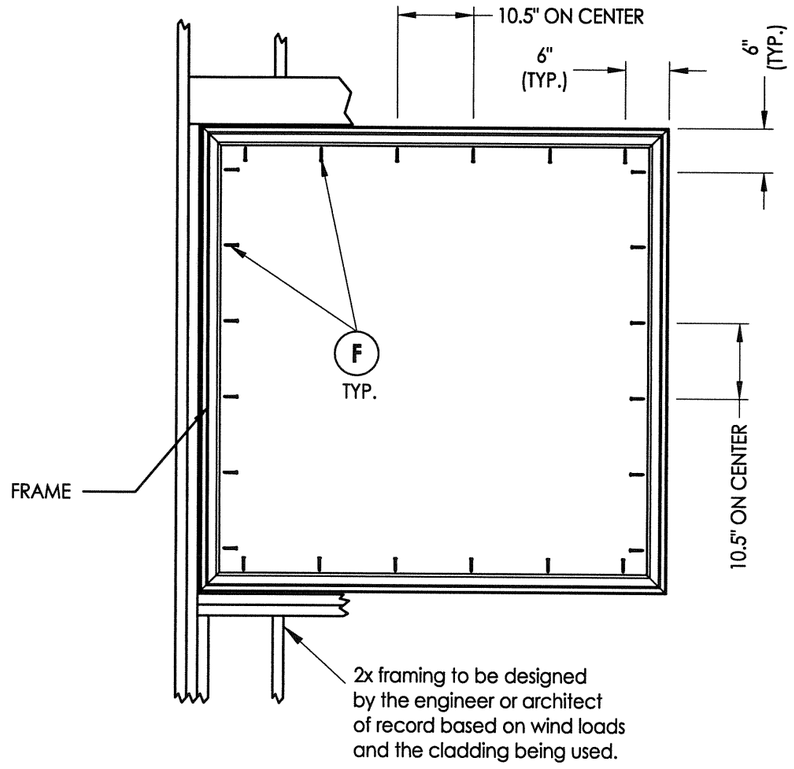


FRAME ANCHORING
76" X 63" MAX



FRAME ANCHORING
64" X 64" MAX

STATE OF TEXAS
LYNDON F. SCHMIDT
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LICENSED PROFESSIONAL ENGINEER

5.5.14

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PRODUCT: *8400 SERIES VINYL FIXED WINDOW*

PART OR ASSEMBLY: *FRAME ANCHORING*

NO.	DATE	REVISIONS	BY
1	8/27/13	ADDED NEW FRAME SIZE	JK

DATE: 9/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4236
SHEET 4 OF 5

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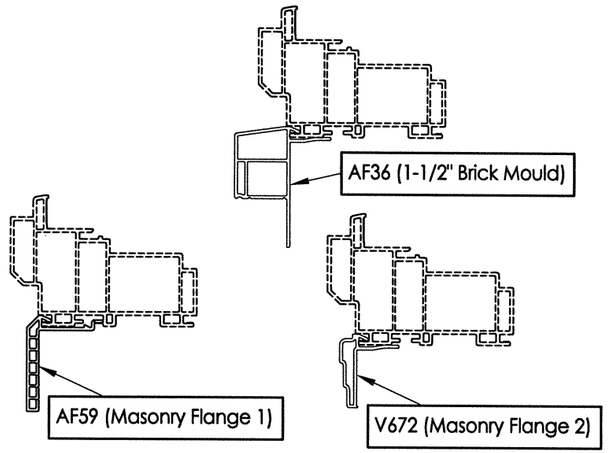
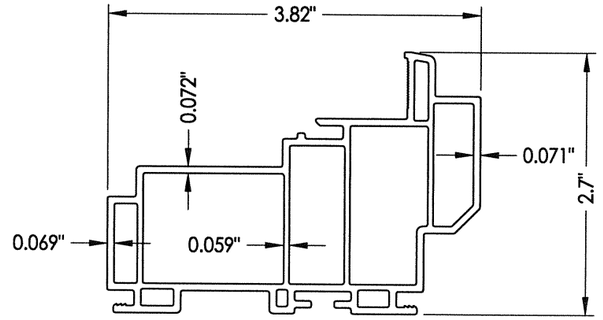
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 1-3/4" PPH WOOD SCREW	STEEL
1	FRAME (PI7701WH)*	PVC
2	1" GLAZING BEAD (BV56WH)*	PVC

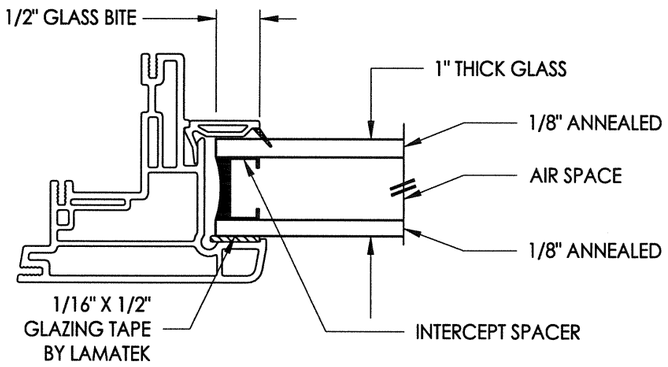
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



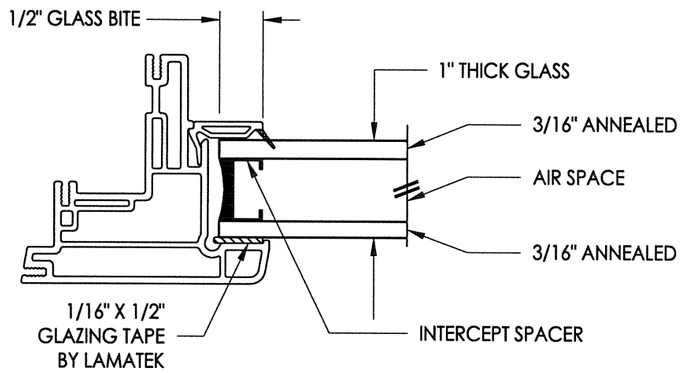
OPTIONAL COSMETIC FLANGES



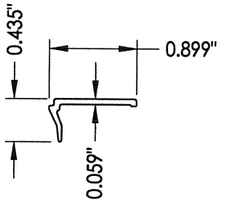
1 **FRAME**



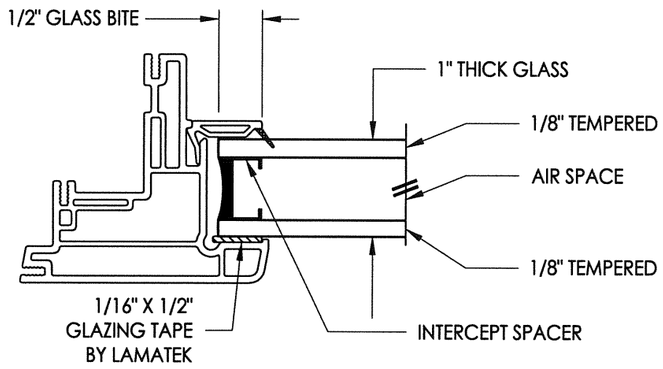
G1 **GLAZING DETAIL**



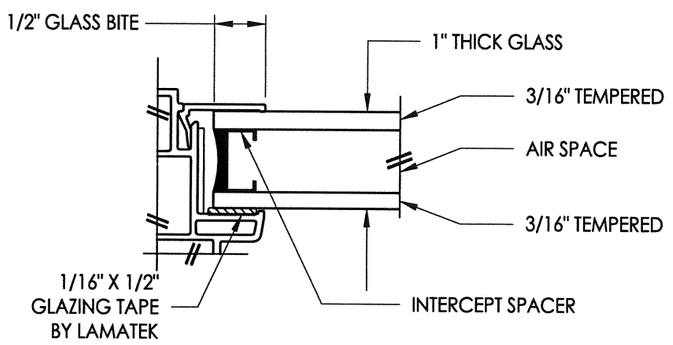
G3 **GLAZING DETAIL**



2 **GLAZING BEAD**



G2 **GLAZING DETAIL**



G4 **GLAZING DETAIL**

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

PRODUCT: 8400 SERIES VINYL FIXED WINDOW

PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS AND GLAZING DETAIL

NO.	DATE	REVISIONS	BY
1	8/27/13	ADDED NEW FRAME SIZE	JK

DATE: 9/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
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SHEET 5 OF 5

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