



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

**La Finestra  
7301 N.W. 41 Street Bay-C  
Miami, FL 33166**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Series "EKU-53" Aluminum Fixed Window - Impact**

**APPROVAL DOCUMENT:** Drawing No. LAFINWDW, titled "La Finestra Series EKU-53 Fixed Window", sheets 1 through 4 of 4, dated 9/28/02 with revision #1 dated 11/21/02, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 02-1018.12  
Expiration Date: March 6, 2008  
Approval Date: March 6, 2003  
Page 1**

**La Finestra**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **LAFINWDW**, titled "Series EKV-53 Fixed Windows", sheets 1 through 4 of 4, dated 9/28/02 with revision #1 dated 11/21/02, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E.

**B. TESTS**

1. Test reports on
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3545**, dated 8/13/02, signed and sealed by Joseph Chan, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, prepared by Bromley-Cook Engineering, Inc., dated 11/21/02, signed and sealed by William Cook, P.E.

**D. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **99-0302.04** issued to UCB Chemicals Corporation, for "Uvekoll-Liq. Resin to adhere Glass" dated 2/8/01, expiring on 2/8/04.

**E. STATEMENTS**

1. Statement letter of no financial interest, dated 10/14/02, signed and sealed by William Cook, P.E.
2. Statement letter of conformance, dated 10/14/02, signed and sealed by William Cook, P.E.
3. Laboratory compliance letter for Test Report no. **FTL-3547** issued by Fenestration Testing Laboratory, Inc., dated August 29, 2002, signed and sealed by Joseph Chan, P.E.

**F. OTHER**

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).

  
Manuel Perez, P.E.  
Product Control Examiner

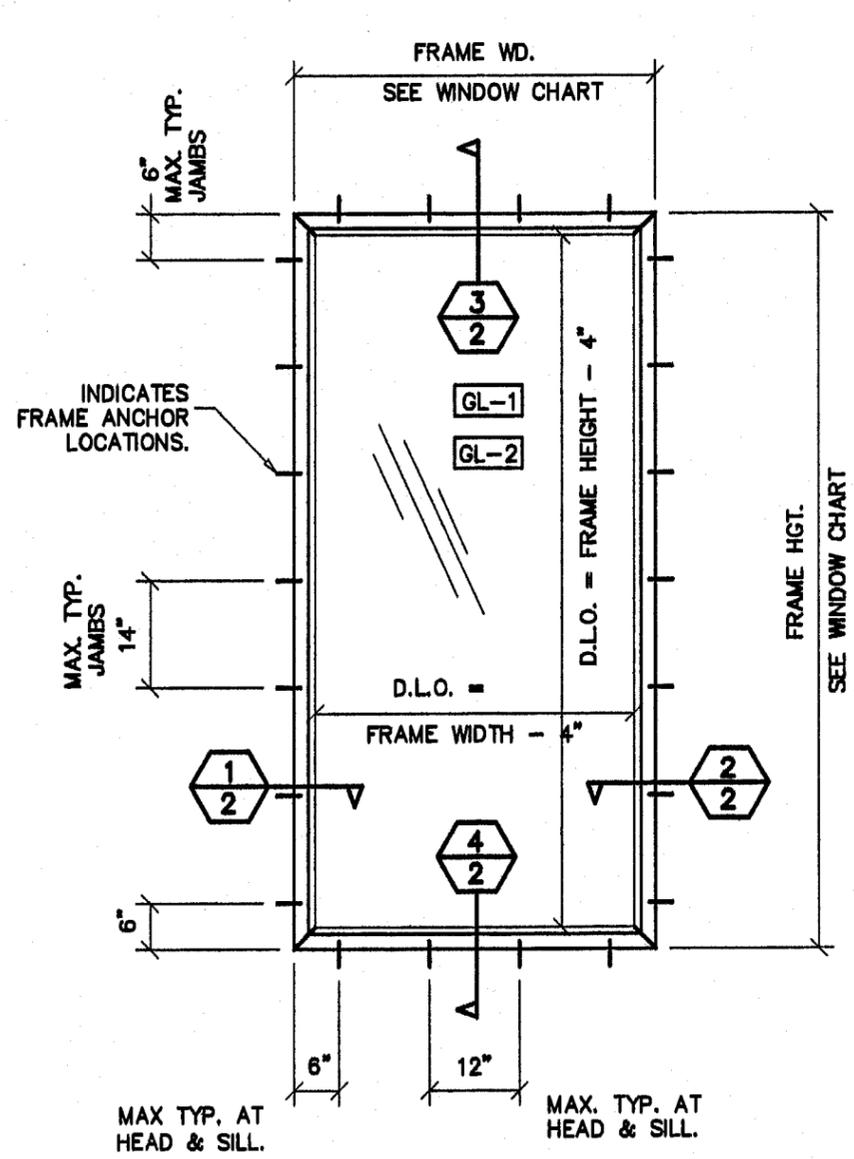
NOA No 02-1018.12

Expiration Date: March 6, 2008

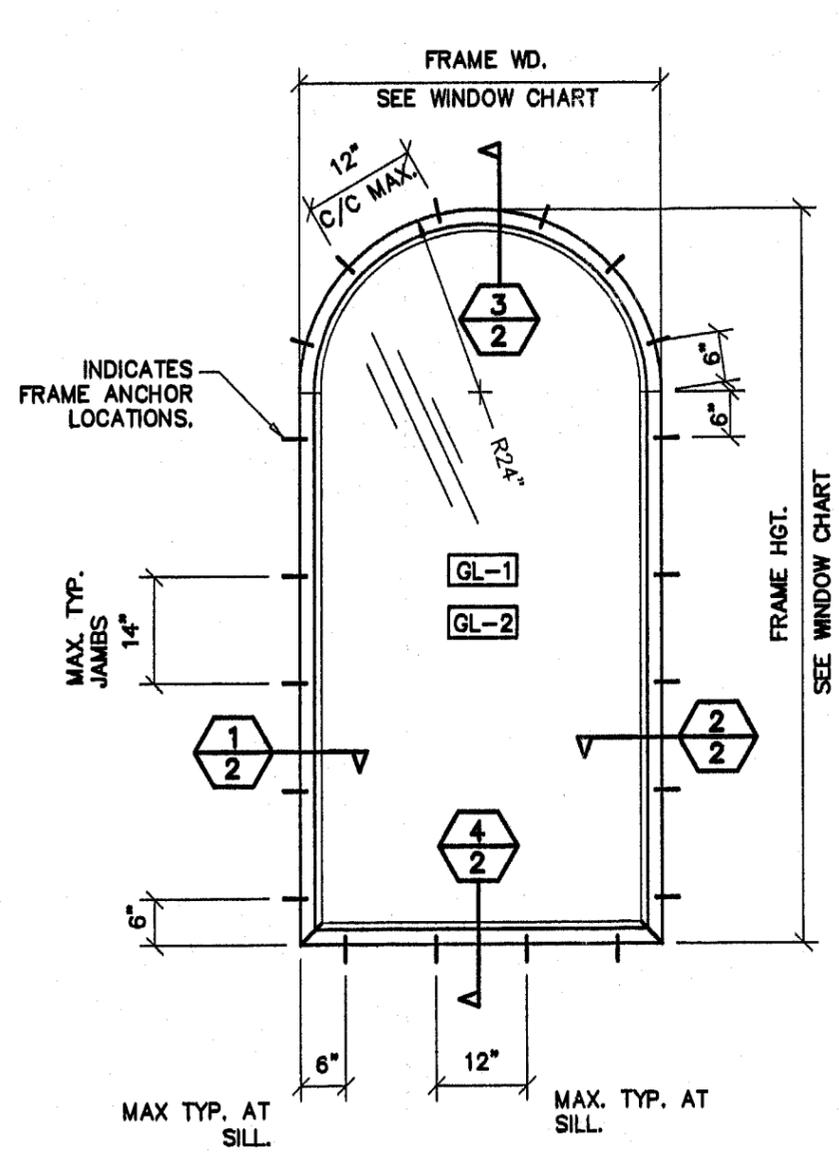
Approval Date: March 6, 2003

# LA FINESTRA, LC

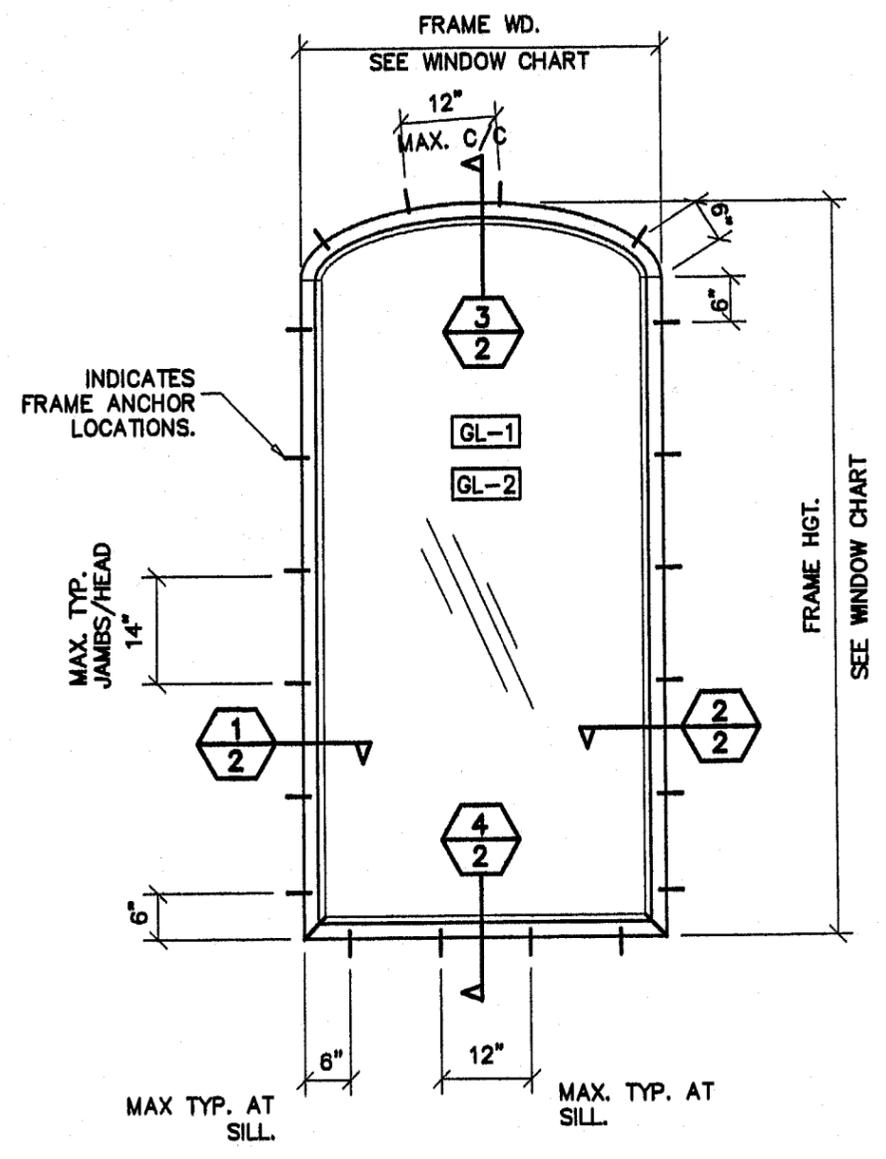
# SERIES: EKU 53 FIXED WINDOW



**TYPICAL ELEVATION**  
"FIXED"



**TYPICAL ELEVATION**  
"FIXED ARCHED"



**TYPICAL ELEVATION**  
"FIXED EYEBROW"

- NOTES:**
1. THIS WINDOW SYSTEM HAS BEEN TESTED, ENGINEERED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN SCHEDULE.
  2. BUCK, OPENINGS & BUCK FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND WIND LOADS FOR EACH APPLICATION
  3. BUCK FASTENERS MAY NOT EXCEED 16" O.C. SPACING AROUND OPENINGS.
  4. THE SYSTEM SHOWN HEREIN WAS TESTED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA-201, 202 & 203.
  5. MULTIPLE UNITS (STACKED SIDE BY SIDE OR TOP TO BOTTOM) SHALL REQUIRE SEPERATE MULLION WITH SEPERATE PRODUCT APPROVAL.

GLASS SCHEDULE	
LARGE MISSILE IMPACT RESISTANT	
GL-1	= 9/16" (.574") LAMINATED 1/4" ANNEALED - 0.090" .090" UVEKOL LIQUID RESIN COMPOSITE 1/4" ANNEALED.
GL-2	= 7/16" (.460") LAMINATED 3/16" ANNEALED - .090" P.V.B. INTERLAYER (SAFLEX/KEEPSAFE MAXIMUM) 3/16" ANNEALED.

**MAX. DESIGN PRESSURES**

SEE CHART ON SHEET-4 FOR ALLOWABLE PRESSURES.

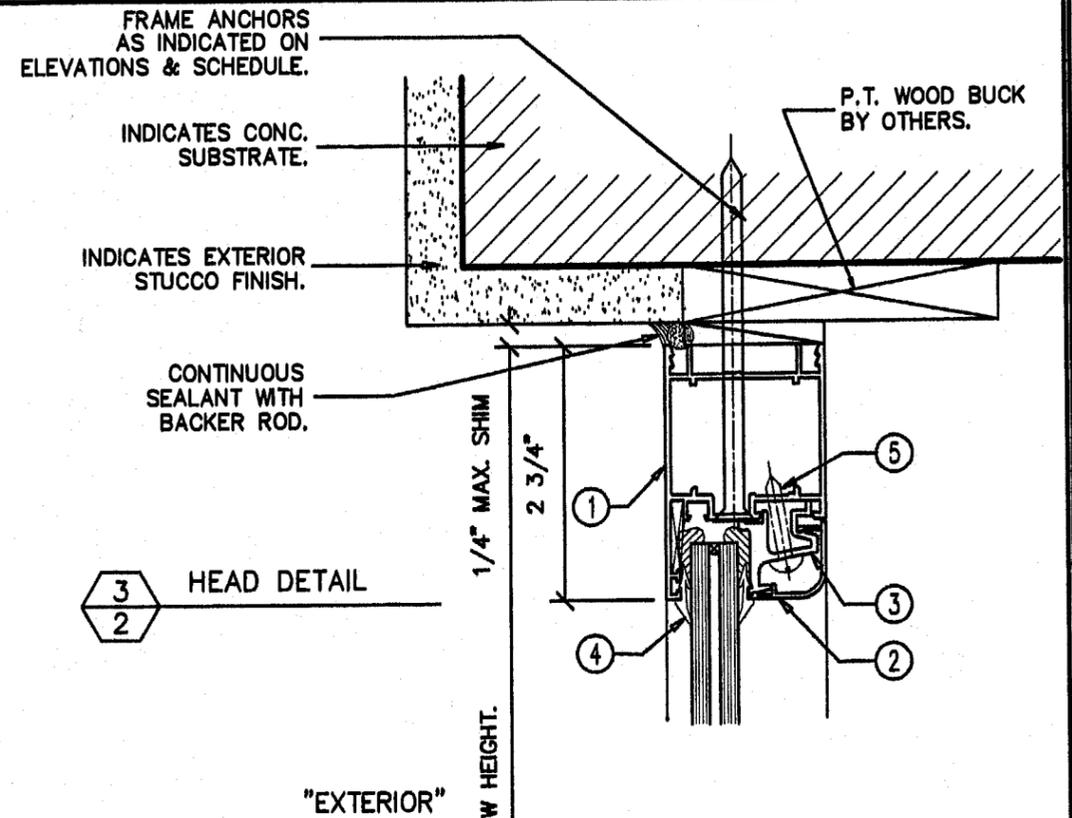
WATER INFILTRATION TEST = 15 P.S.F.

Approved as complying with the Florida Building Code  
Date **MARCH 6, 2003**  
NOA# **02-1018.12**  
Miami Dade Product Control Division  
By *[Signature]*

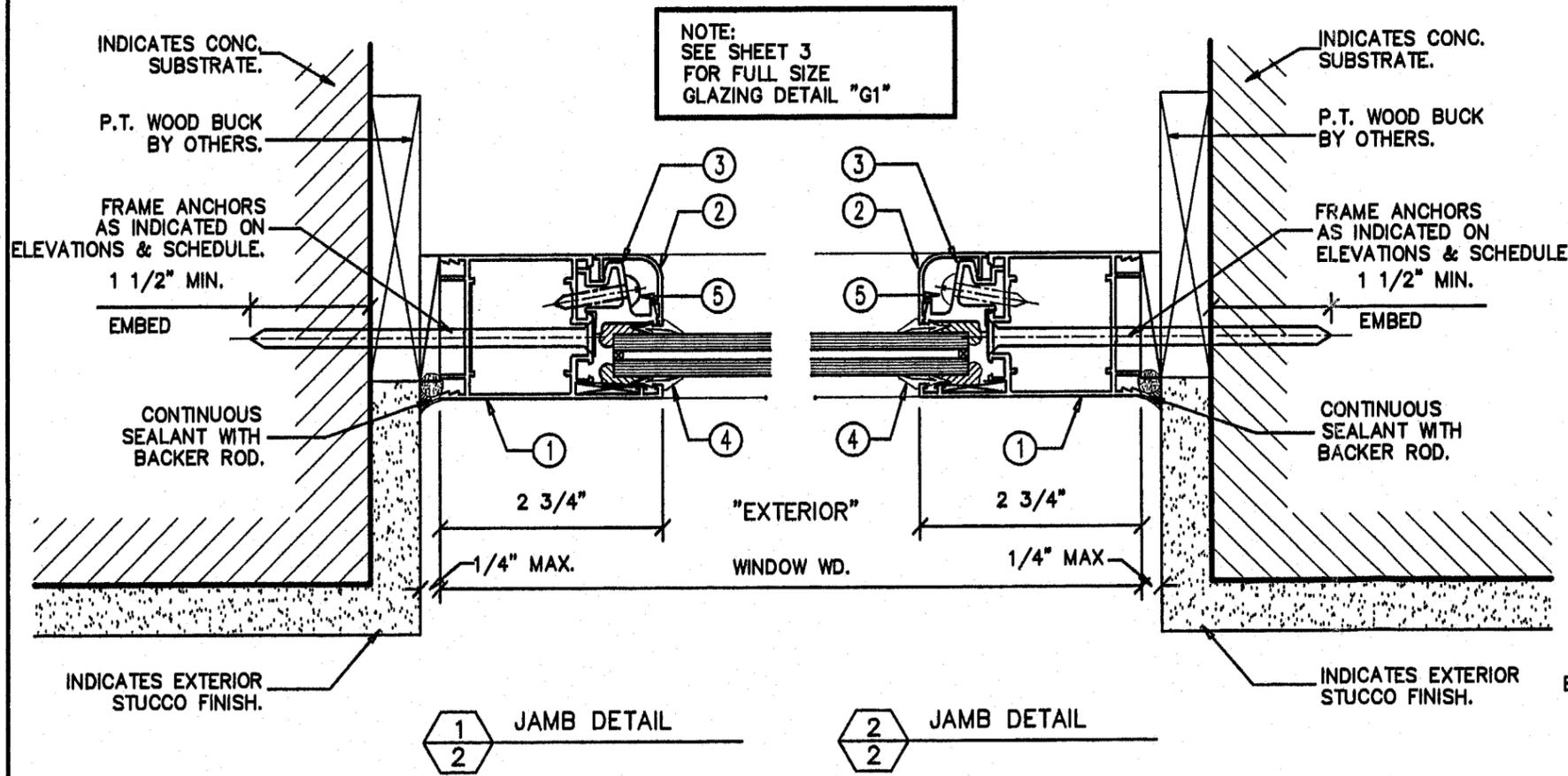
NO.	1	REVISION DESCRIPTION	REV'D PER CODE COMPLIANCE COMMENTS	BY	DATE
ELEVATIONS - FIXED WINDOWS					
LA FINESTRA L.C. 7301 N.W. 41 STREET BAY-C MIAMI, FL 33166 305-640-0537					
BROMLEY - COOK ENGINEERING, INC. STRUCTURAL ENGINEERING SERVICES 2004 N.E. 49th STREET FORT LAUDERDALE, FL 33308 PH.(954) 772-4624 FAX(954) 772-4634					
CERTIFICATION FEB 12 2003 WILLIAM D. COOK, P.E. FLA. P.E. NO. 43900					
DATE: 9-28-02					
DRAWING NO: LAFINWDW					
SHEET NO: 1 OF 4					

### ANCHOR SCHEDULE

ANCHOR TYPE	SUBSTRATE/EMBED	MAXIMUM ALLOWABLE ANCHOR SPACING	MAXIMUM ALLOWABLE ANCHOR SPACING
		HEAD - SILL	JAMBS
1/4" X REQ'D. LENGTH TAPCON OR EQUAL	CONCRETE (2000 PSI MIN.) CBS (GROUT FILLED) 1 1/2" INTO CONC. MIN.	6" FROM ENDS BALANCE @ 12" C/C MAX.	6" FROM ENDS BALANCE @ 14" C/C MAX.
#14 X REQ'D. LENGTH P.H.S.M.S. OR SELF-DRILLING	METAL STRUCTURES STEEL OR ALUMINUM	6" FROM ENDS BALANCE @ 12" C/C MAX.	6" FROM ENDS BALANCE @ 14" C/C MAX.
# 14 X 2 1/2" P.H.S.M.S.	MIN. 2 X 4 NO.2 S.Y.P. 1 1/2" INTO WOOD MIN.	6" FROM ENDS BALANCE @ 12" C/C MAX.	6" FROM ENDS BALANCE @ 14" C/C MAX.

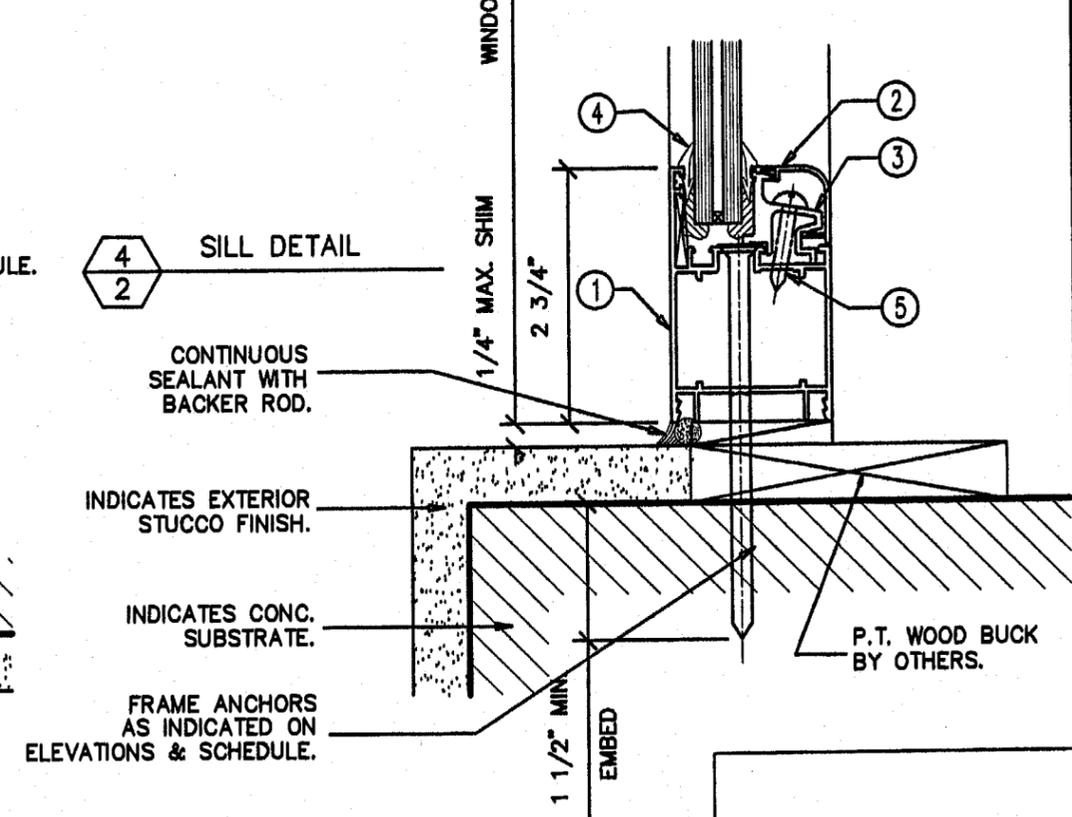


**3**  
**2** HEAD DETAIL



**1**  
**2** JAMB DETAIL

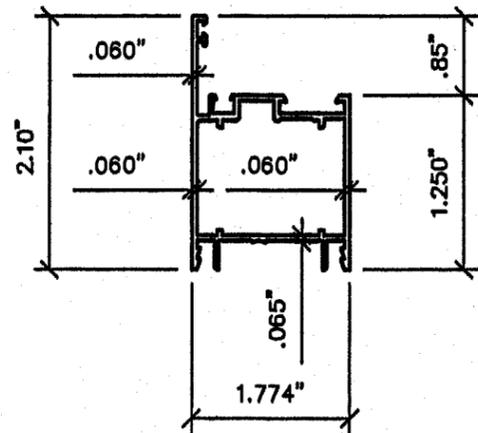
**2**  
**2** JAMB DETAIL



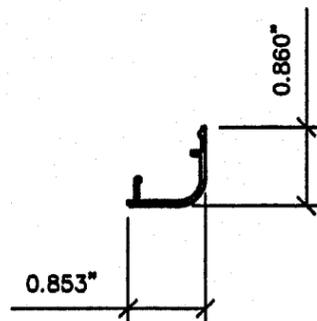
**4**  
**2** SILL DETAIL

NO.	REVISION DESCRIPTION	BY	DATE
1	REV'D PER CODE COMPLIANCE COMMENTS		11/21/02
DETAILS - FIXED WINDOW			
LA FINESTRA SERIES SKU-53 ALUMINUM FIXED WINDOW			
BROMLEY - COOK ENGINEERING, INC. STRUCTURAL ENGINEERING SERVICES 2004 N.E. 49th STREET FORT LAUDERDALE, FL 33308 PH: (954) 772-4624 FAX: (954) 772-4634			
CERTIFICATION FEB 12 2003 WILLIAM D. COOK, P.E. FLA. P.E. NO. 43904			
Approved as complying with the Florida Building Code Date <u>MARCH 6, 2003</u> NOA# <u>02-1018.12</u> Miami Dade Product Control Division By <u>Mauro Lopez</u>			
			DATE: 9-28-02
			DRAWING NO: LAFINWDW
			SHEET NO: 2 OF 4

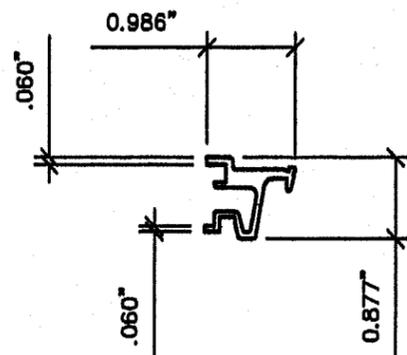
9035 - FRAME (8)



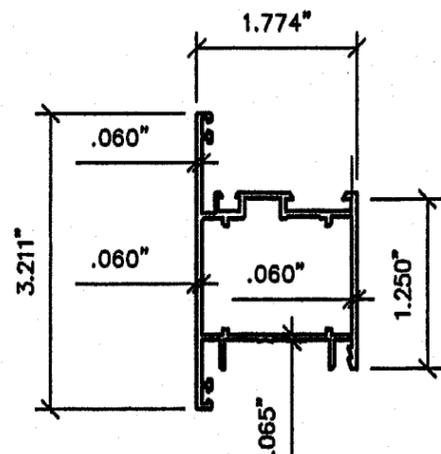
11078 - SNAP CAP (2)  
(DECORATIVE)



11079 - GLAZING BEAD (3)



OPTIONAL "FLANGE" FRAME PROFILE  
9035 - FRAME (8)



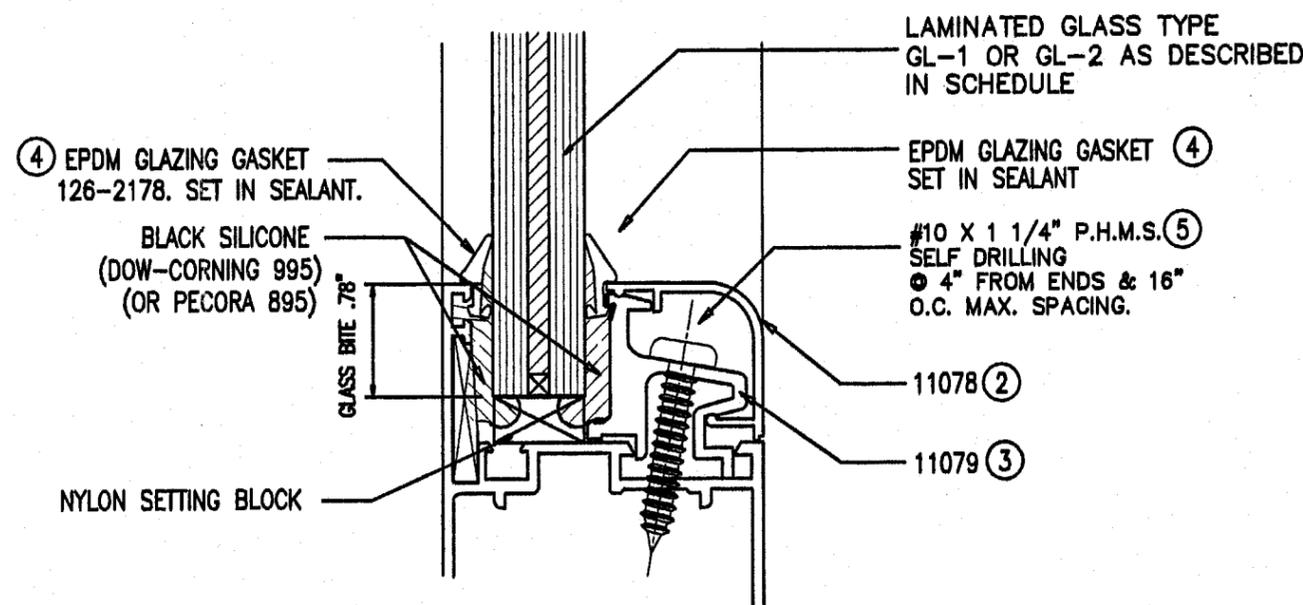
NOTE: SAME EXTRUSION AS 9035  
BUT WITH FLANGE

MATERIAL LIST

KEY	PART NUMBER	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
(1)	7011	FRAME HEAD/SILL/JAMB	EN AW-6060 - T5	PROFILATI SpA
(2)	11078	GLASS BEADING	EN AW-6060 - T5	PROFILATI SpA
(3)	11079	GLAZING STOP	EN AW-6060 - T5	PROFILATI SpA
(4)	126-2178	CONTINUOUS EPDM WEDGE GASKET	EPDM	
	NOT USED			
(5)	GSF1	#10 X 1 1/4" P.H.M.S.(SELF DRILLING)	CAD. PLATED STEEL	STD. SCREWS FOR GLAZING BEAD
(6)	105-0110	FRAME CORNER KEY (TYPICAL AT CORNERS)	CAST ALUMINUM	
(7)	110-3578	.325" METALLIC PIN(2 EA. CORNER)	CAST ALUMINUM	
(8)	9035	OPTIONAL FLANGE FRAME HEAD/SILL/JAMB	EN AW-6060 - T5	PROFILATI SpA

SEALANTS

- GLAZING BEAD AT FRAME SILL SEALED TO GLASS WITH DOW CORNING 995 OR PECORA 895  
FRAME CORNERS SEALED WITH DOW CORNING 999



G1 TYPICAL GLAZING DETAIL  
"FULL SIZE"

NO.	REVISION DESCRIPTION	BY		DATE
		WDC	G.R.	
1	ADDED GLASS BITE			11/5/02
2	REV'D PER CODE COMPLIANCE COMMENTS			11/21/02

DETAILS - FIXED WINDOW  
LA FINESTRA  
SERIES SKU-53  
ALUMINUM FIXED WINDOW

BROMLEY - COOK ENGINEERING, INC.  
STRUCTURAL ENGINEERING SERVICES  
2004 N.E. 49th STREET  
FORT LAUDERDALE, FL 33308  
PH: (954) 772-4624 FAX: (954) 772-4634

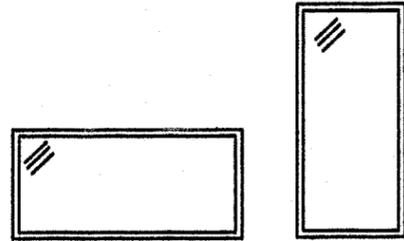
CERTIFICATION  
FEB 12 2003  
WILLIAM D. COOK, P.E.  
FLA. P.E. NO. 43904

Approved as complying with the  
Florida Building Code  
Date MARCH 6, 2003  
NOA# 02-1018.12  
Miami Dade Product Control  
Division  
By [Signature]

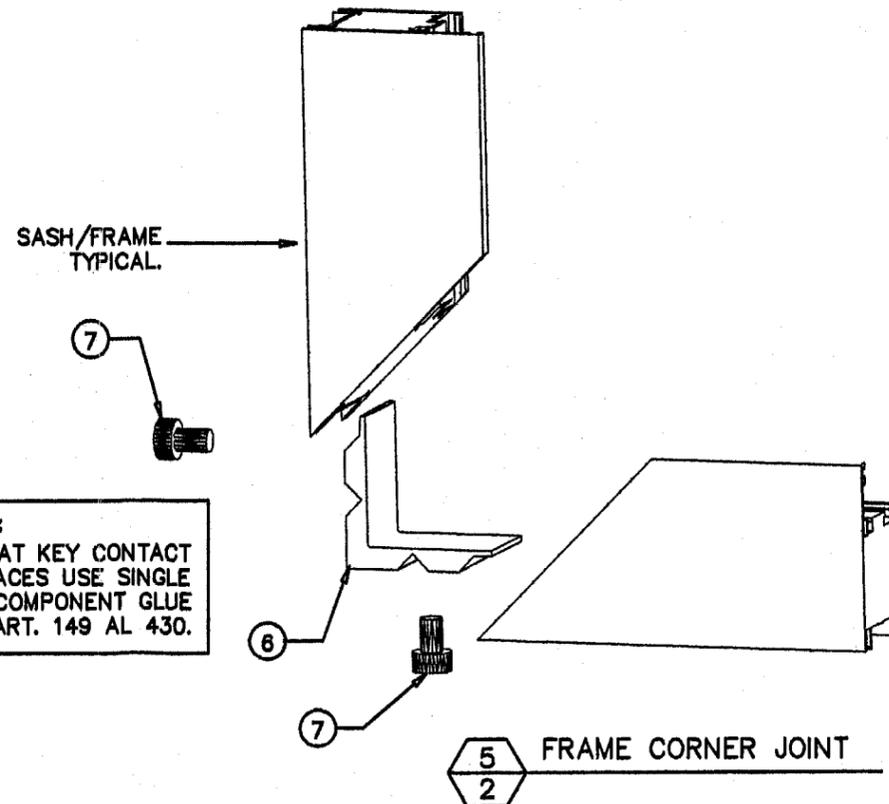
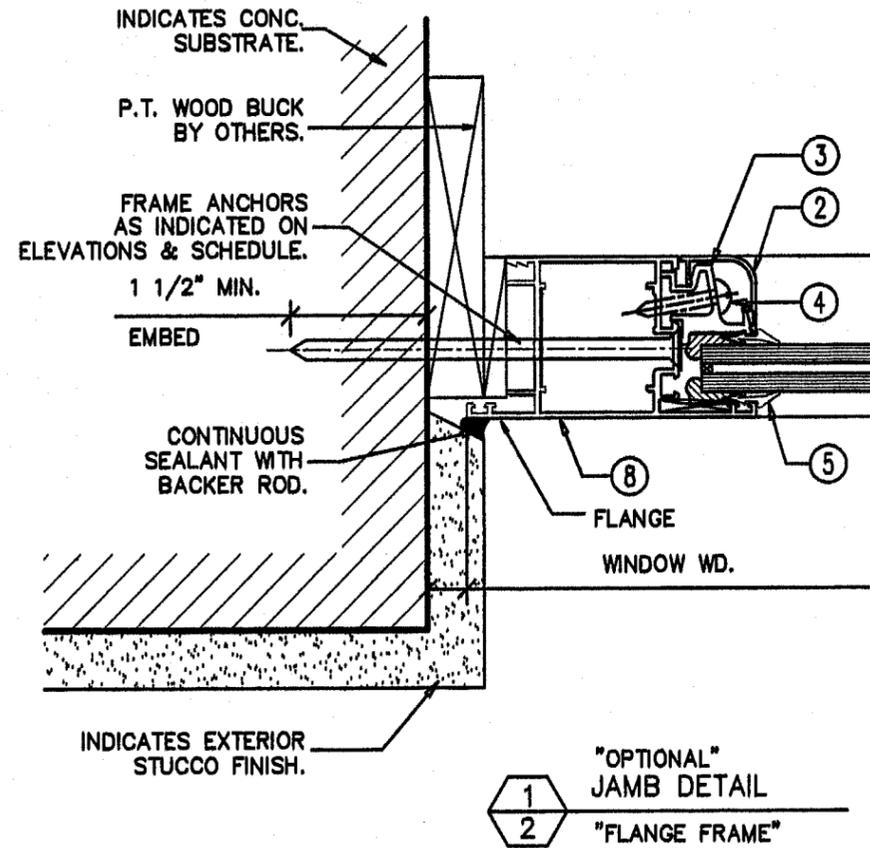
DATE:  
9-28-02  
DRAWING NO:  
LAFINWDW  
SHEET NO:  
3 OF 4

WINDOW SIZE CHART					
ALLOWABLE DESIGN LOADS FOR IMPACT WINDOWS					
MODULAR WINDOW SIZE		GLASS TYPE GL-1		GLASS TYPE GL-2	
WIDTH	HEIGHT	EXT(+)	EXT(-)	EXT(+)	EXT(-)
24	48	75	75	75	75
30		75	75	75	75
36		75	75	75	75
42		75	75	75	75
48		75	75	75	75
30	54	75	75	75	75
36		75	75	75	75
42		75	75	75	75
48		75	75	70.2	70.2
54		66.6	66.6	62.2	62.2
30	60	75	75	75	75
36		75	75	75	75
42		75	75	73.5	73.5
48		75	75	61.4	61.4
54		66.6	66.6	55.9	55.9
30	66	75	75	75	75
36		75	75	75	75
42		75	75	66.6	66.6
48		75	75	56.4	56.4
54		66.6	66.6	50.3	50.3
30	72	75	75	75	75
36		75	75	75	75
42		75	75	61.1	61.1
48		75	75	50.9	50.9
54		66.6	66.6	45.2	45.2
30	78	75	75	75	75
36		75	75	74.4	74.4
42		75	75	57.4	57.4
48		75	75	46.7	46.7
54		66.6	66.6	41.5	41.5
30	84	75	75	75	75
36		75	75	71.2	71.2
42		75	75	54.2	54.2
48		74.4	74.4	43.7	43.7
50		70.1	70.1	41.2	41.2
30	90	75	75	75	75
36		75	75	68.5	68.5
42		75	75	51.4	51.4
48		70.4	70.4	41.1	41.1
50		65.8	65.8	38.6	38.6
24	96	75	75	75	75
30		75	75	75	75
36		75	75	66.2	66.2
42		75	75	49.1	49.1
48		66.9	66.9	38.9	38.9

(TESTED ASSEMBLY = 48" x 96" @ +/-75 PSF)  
DLO = 44" x 91 1/4"



NOTE:  
WINDOWS MAY BE ORIENTED HORIZONTALLY  
OR VERTICALLY.



NOTE:  
AT KEY CONTACT  
SURFACES USE SINGLE  
COMPONENT GLUE  
ART. 149 AL 430.

Approved as complying with the  
Florida Building Code  
Date MARCH 6, 2003  
NOA# 02-1018-12  
Miami Dade Product Control  
Division  
By Mauro Perez

NO.	REVISION DESCRIPTION	BY	DATE
1	ADDED GLASS SCHEDULE	WDC	11/5/02
2	REV'D PER CODE COMPLIANCE COMMENTS	G.R.	11/21/02

DETAILS - FIXED WINDOW	LA FINESTRA SERIES SKU-53 ALUMINUM FIXED WINDOW
BROMLEY - COOK ENGINEERING, INC. STRUCTURAL ENGINEERING SERVICES 2004 N.E. 49th STREET FORT LAUDERDALE, FL 33308 PH.(954) 772-4624 FAX(954) 772-4634	
CERTIFICATION	FEB 12 2003 WILLIAM D. COOK, P.E. FLA. P.E. NO. 43904
	DATE: 9-28-02
	DRAWING NO: LAFINWDW
	SHEET NO: 4 OF 4