



**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)**

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**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" Inswing Aluminum French Door - Impact**

**APPROVAL DOCUMENT:** Drawing No. LAFINDRIN, titled "La Finestra Series EKU-53 Inswing Entrance Door", sheets 1 through 4 of 4, prepared by Bromley-Cook Engineering, Inc., dated 9/28/02 with revision #3 dated 02/12/03, 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 02-1016.05  
Expiration Date: March 6, 2008  
Approval Date: March 6, 2003**

**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. **LAFINDRIN**, titled "La Finestra Series EKV-53 Inswing Entrance Door", sheets 1 through 4 of 4, prepared by Bromley-Cook Engineering, Inc., dated 9/28/02 with revision #3 dated 02/12/03, 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 French door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3479**, dated 7/29/02, signed and sealed by Joseph Chan, P.E. With addendum letter dated December 4, 2002.

**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**

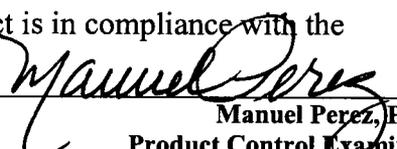
1. Notice of Acceptance No. **99-0302.04** issued to UCB Chemicals Corporation, for "Uvekol-Liq. Resin to adhere Glass" dated 2/8/01, expiring on 2/8/04.

**E. STATEMENTS**

1. Statement letter of no financial interest, dated 10/8/02, signed and sealed by William Cook, P.E.
2. Statement letter of conformance, dated 10/8/02, signed and sealed by William Cook, P.E.
3. Laboratory compliance letter for Test Report no. **FTL- 3479**, issued by Fenestration Testing Laboratory, Inc., dated August 16, 2002, signed and sealed by Joseph Chan, P.E.

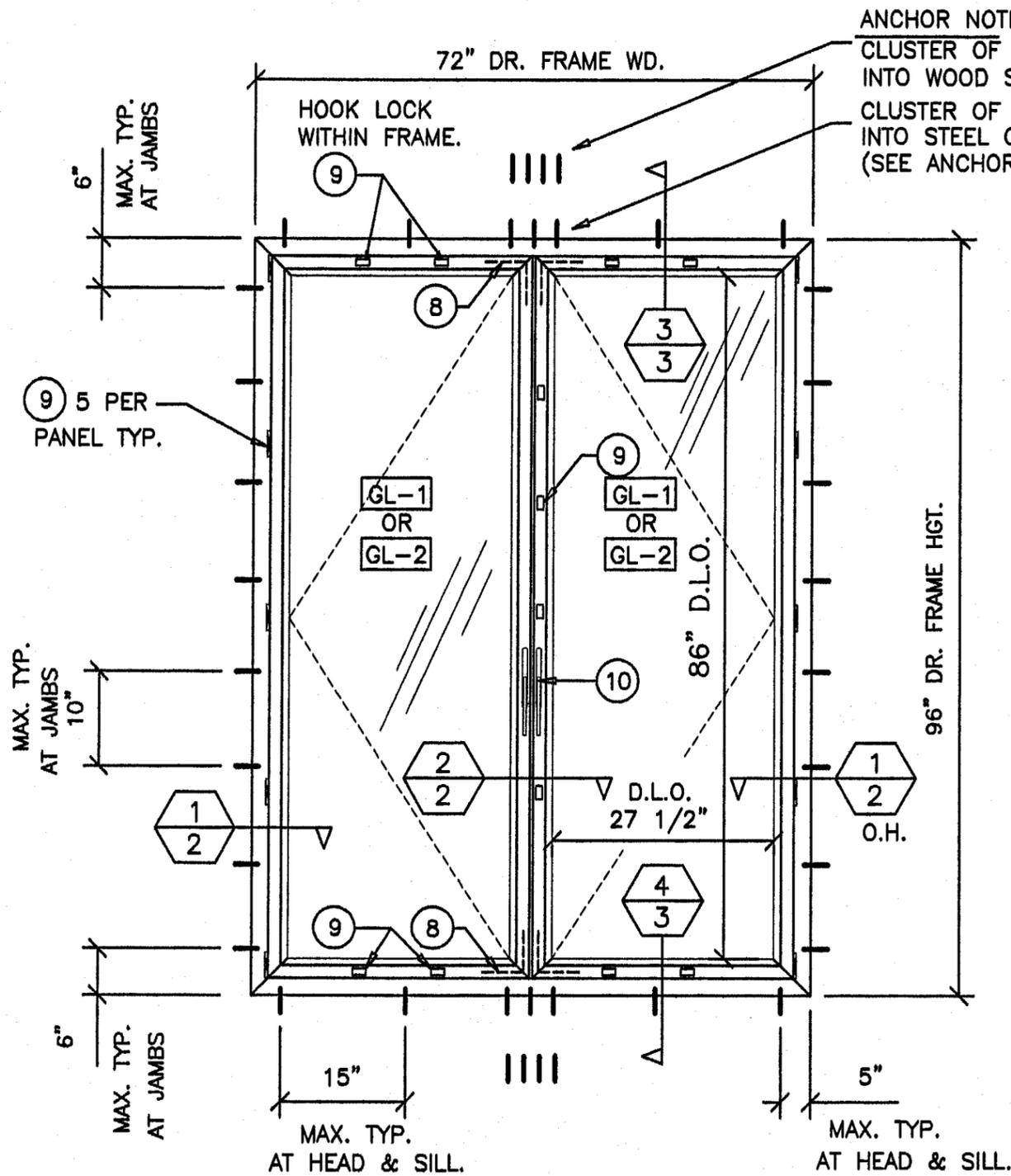
**F. OTHER**

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 02-1016.05  
Expiration Date: March 6, 2008  
Approval Date: March 6, 2003

# LA FINESTRA, LC

# SERIES: EKU 53 INSWING DOOR



## TYPICAL ELEVATION

VIEWED FROM EXTERIOR  
"SWING IN"

### ANCHOR NOTE:

CLUSTER OF (4) #14 WOOD SCREWS @ 2" O/C INTO WOOD SUBSTRATE. EMBED 1 1/2" MIN.

CLUSTER OF (3) 1/4" DIA. SMS OR TAP-CONS @ 3" O/C INTO STEEL OR CONCRETE SUBSTRATE. (SEE ANCHOR SCHEDULE)

### MAX. DESIGN PRESSURES

STRUCTURAL LOAD @ +75.0, -75.0 P.S.F.
IMPACT & CYCLE @ +75.0, -75.0 P.S.F.
WATER INFILTRATION TEST = 12 P.S.F.

### GLASS SCHEDULE

LARGE MISSILE IMPACT RESISTANT

**GL-1** = 1/2"(.500") LAMINATED  
3/16" ANNEALED - .130"  
UVEKOL LIQUID RESIN COMPOSITE  
3/16" ANNEALED.  
MAX. D.L.O. = 27 1/2" X 86"

**GL-2** = 7/16"(.460") LAMINATED  
3/16" ANNEALED - .090" P.V.B.  
INTERLAYER(SAFLEX/KEEPSAFE MAXIMUM)-  
3/16" ANNEALED.  
MAX. D.L.O. = 27 1/2" X 86"

### 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.

Approved as complying with the Florida Building Code  
Date MARCH 6, 2003  
NOA# 02-1026.05  
Miami Dade Product Control  
Division  
By Manuel Perez

NO.	REVISION DESCRIPTION	BY	DATE
1	PER CODE COMPLIANCE COMMENTS	G.R.	11/21/02
2	ADDED JAMB ANCHOR	G.R.	12/04/02
3	PLAN REVIEW COMMENTS	G.R.	02/12/03

SERIES EKU-53  
INSWING DOOR  
L.C.  
LA FINESTRA  
7301 NW 41 STREET BAY-C  
MIAMI, FLORIDA 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. 43304

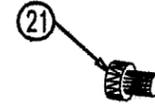
DATE:  
9-28-02  
DRAWING NO:  
LAFINDRIN  
SHEET NO:  
1 OF 4

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.	5" FROM ENDS BALANCE @ 15" C/C MAX.	6" FROM ENDS BALANCE @ 10" C/C MAX.
#14 X REQ'D. LENGTH P.H.S.M.S. OR SELF-DRILLING	METAL STRUCTURES STEEL OR ALUMINUM	5" FROM ENDS BALANCE @ 15" C/C MAX.	6" FROM ENDS BALANCE @ 10" C/C MAX.
# 14 X 2 1/2" P.H.S.M.S.	JAMBS: NO.2 S.Y.P. 1 1/2" INTO WOOD MIN. HEAD/SILL NO.2 S.Y.P. 1 1/2" INTO WOOD MIN.	5" FROM ENDS BALANCE @ 15" C/C MAX.	6" FROM ENDS BALANCE @ 10" C/C MAX.

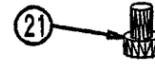
NOTE: ANCHOR CLUSTER REQUIRED AT INTERLOCKS.  
SEE ELEVATIONS FOR DETAILS.

SASH/FRAME TYPICAL

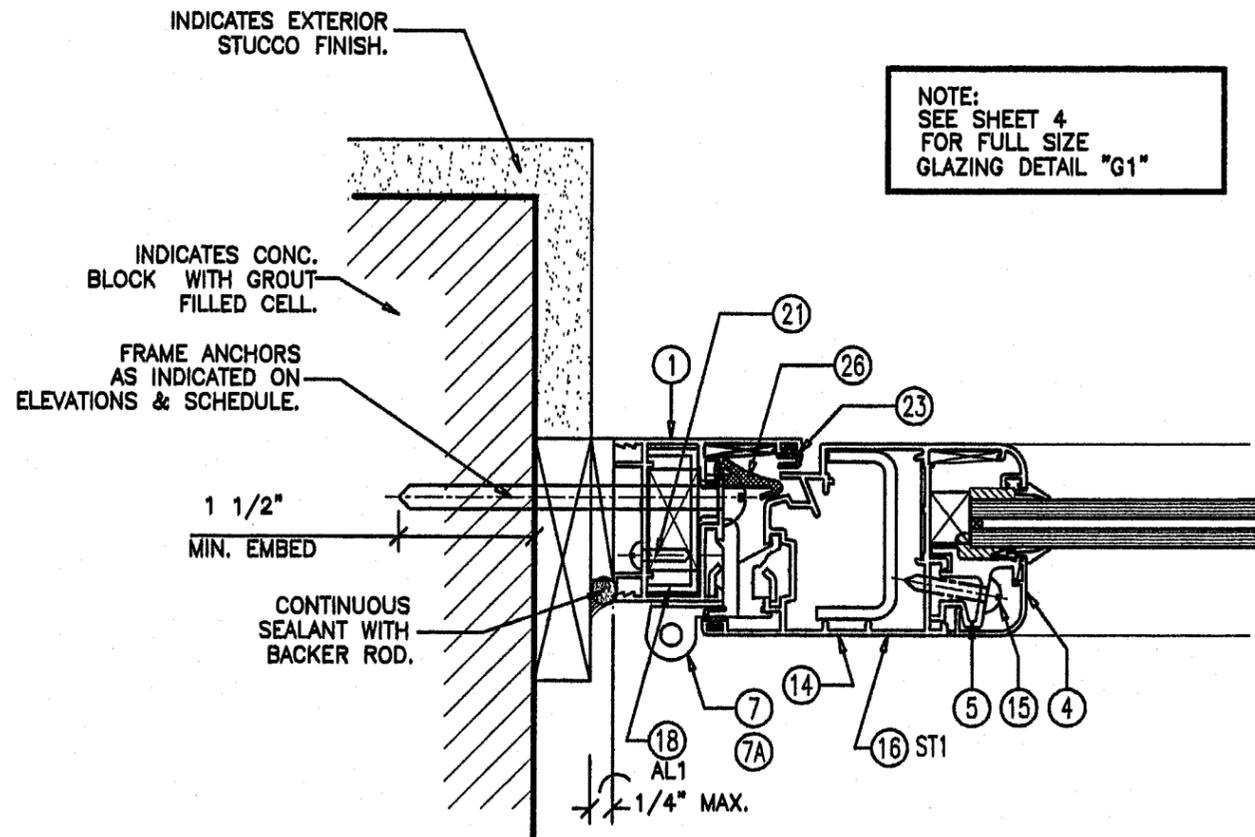
NOTE:  
AT KEY CONTACT SURFACES USE SINGLE COMPONENT GLUE ART. 149 AL 430.



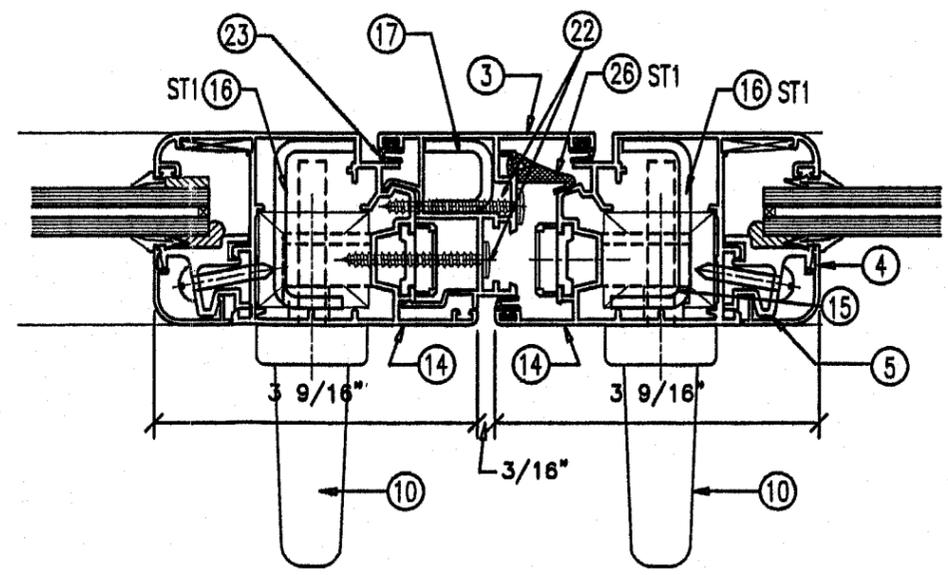
- 19
- 20
- 24
- 25



5  
2 FRAME CORNER JOINT



NOTE:  
SEE SHEET 4  
FOR FULL SIZE  
GLAZING DETAIL "G1"



1 JAMB DETAIL  
2 "INSWING"

2 MEETING STILES  
2 "INSWING"

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Miami Dade Product Control Division  
By Manuel Perez

NO.	REVISION DESCRIPTION	BY	DATE
1	PER CODE COMPLIANCE COMMENTS	G.R.	11/21/02
2	PLAN REVIEW COMMENTS	G.R.	02/12/03

DETAILS - DOOR	LA FINESTRA SERIES EKU-53 INSWING ENTRANCE DOOR
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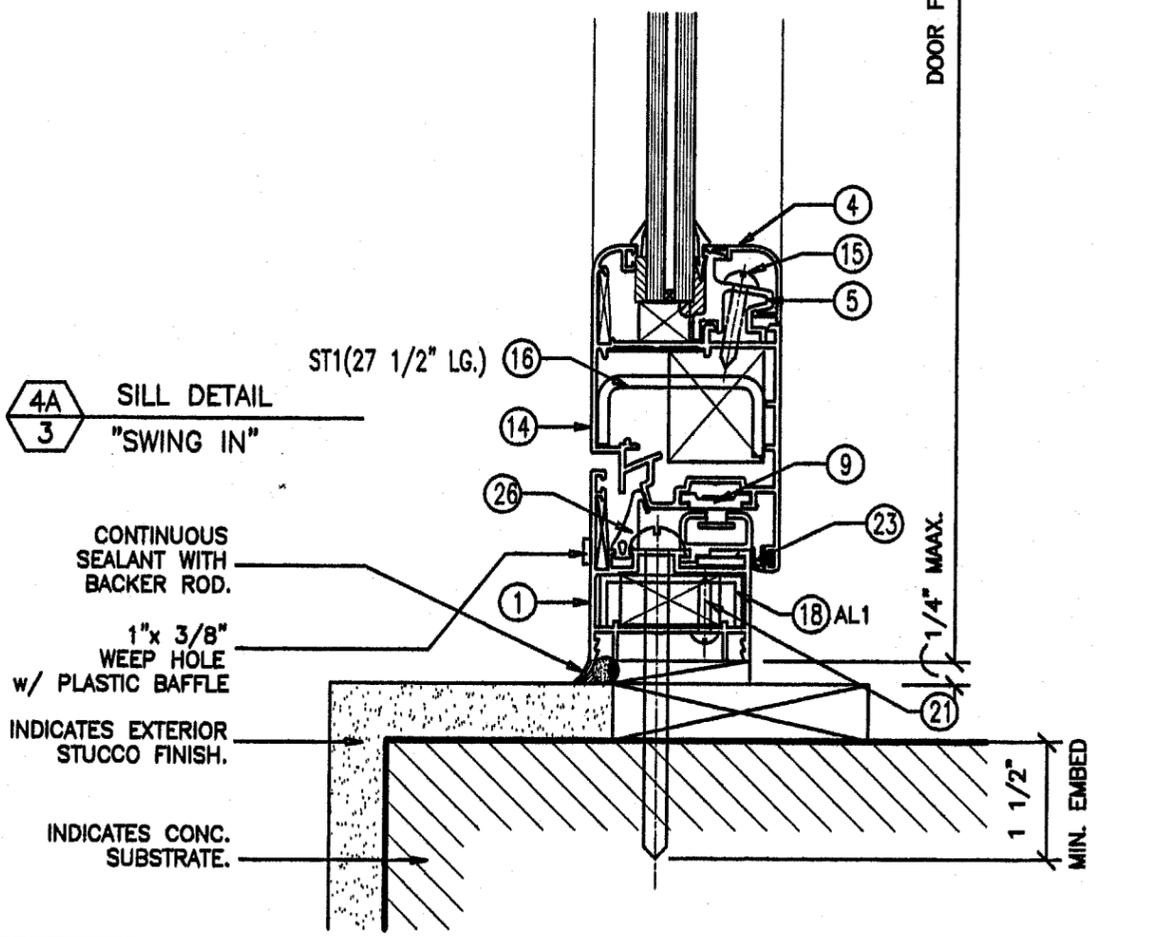
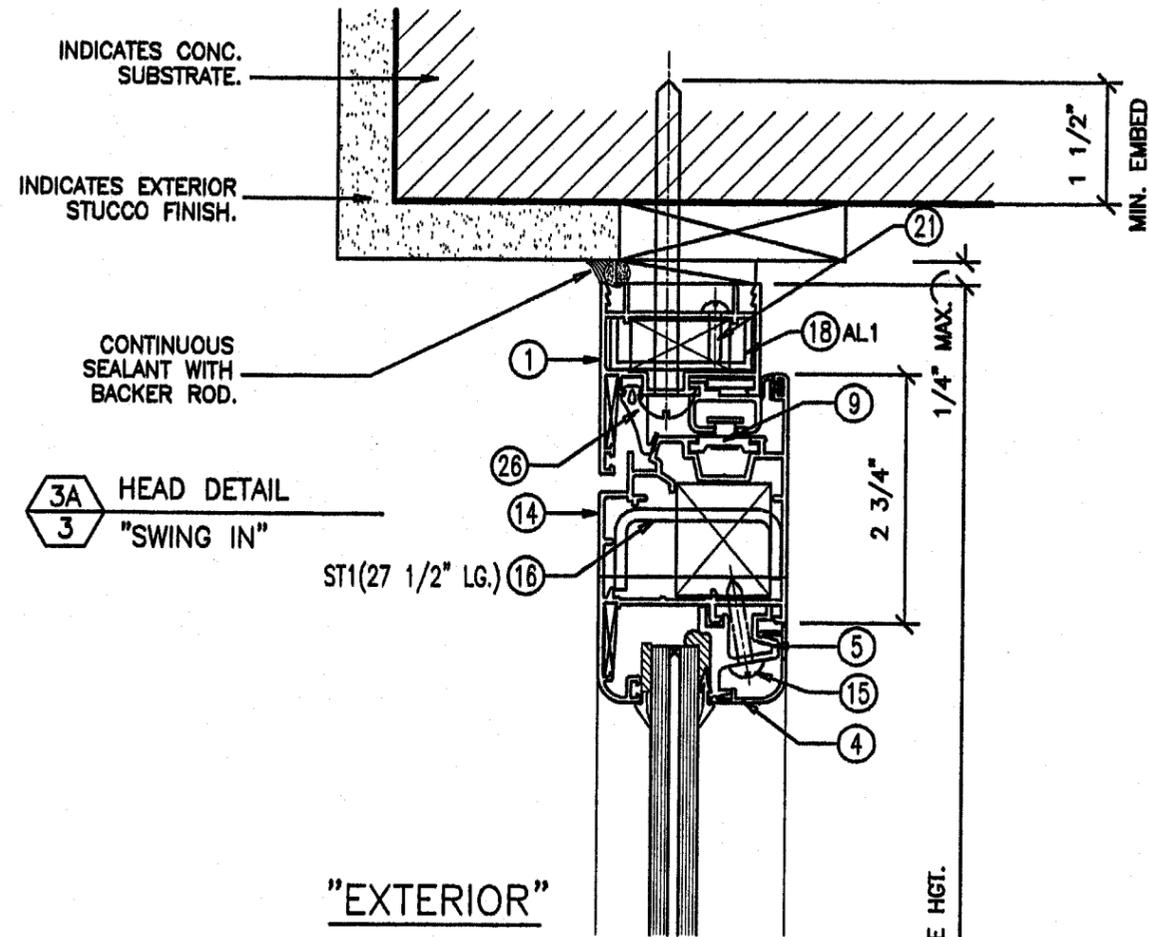
BROMLEY - COOK ENGINEERING, INC. STRUCTURAL ENGINEERING SERVICES 2004 N.E. 49th STREET FORT LAUDERDALE, FL 33308 PH: (954) 772-4624 FAX: (954) 772-4634
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CERTIFICATION	FILED 1-2-2003 WILLIAM D. COOK, P.E. FLA. P.E. NO. 43304
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DATE:	9-28-02
DRAWING NO:	LAFINDRIN
SHEET NO:	2 OF 4



NOTE:  
SEE SHEET 4  
FOR FULL SIZE  
GLAZING DETAIL "G1"

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By Manuel...

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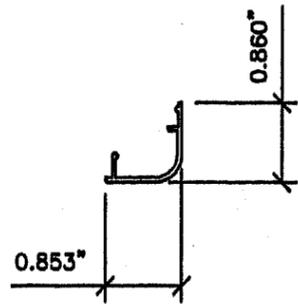
DETAILS - DOORS  
  
LA FINESTRA  
SERIES EKU-53  
INSWING ENTRANCE DOOR

BROMLEY - COOK ENGINEERING, INC.  
STRUCTURAL ENGINEERING SERVICES  
2004 N.E. 49th STREET  
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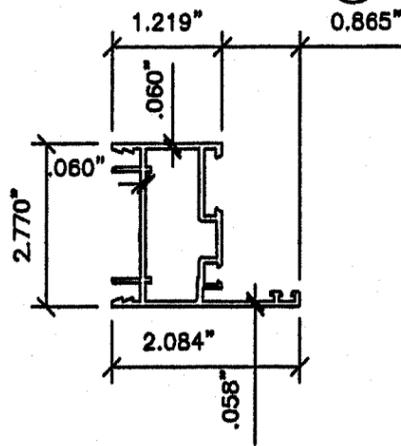
CERTIFICATION  
FEB 12 2003  
WILLIAM D. COOK, P.E.  
FLA. P.E. NO. 43904

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

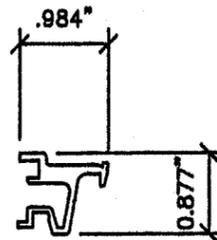
11078 - SNAP CAP (DECORATIVE) ④



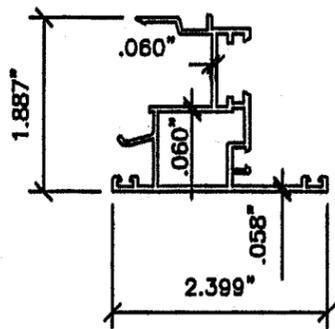
7011 - FRAME ①



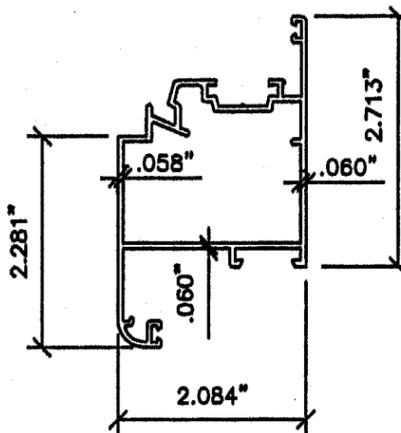
11079 - GLAZING BEAD ⑤



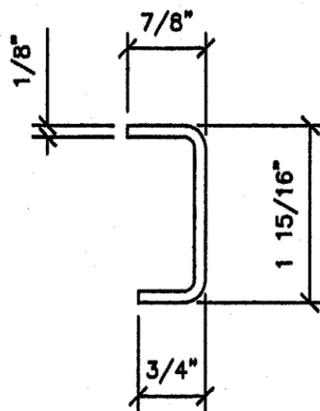
4263 - CENTRAL RABBET ③



4273 - SASH(INSWING) ⑭

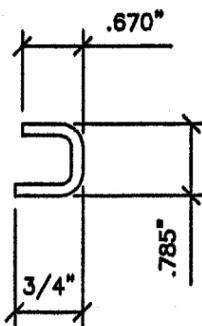


ST1 STEEL REINF. ⑮



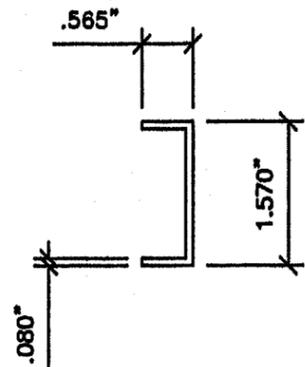
"ST1" - 1/8" TH. STEEL CHANNEL REINFORCING 85" LENGTH. TYP. U.O.N.

ST2 STEEL REINF. ⑯



"ST2" - 1/8" TH. STEEL CHANNEL REINFORCING 85" LENGTH.

AL1 ALUMINUM REINF. ⑰



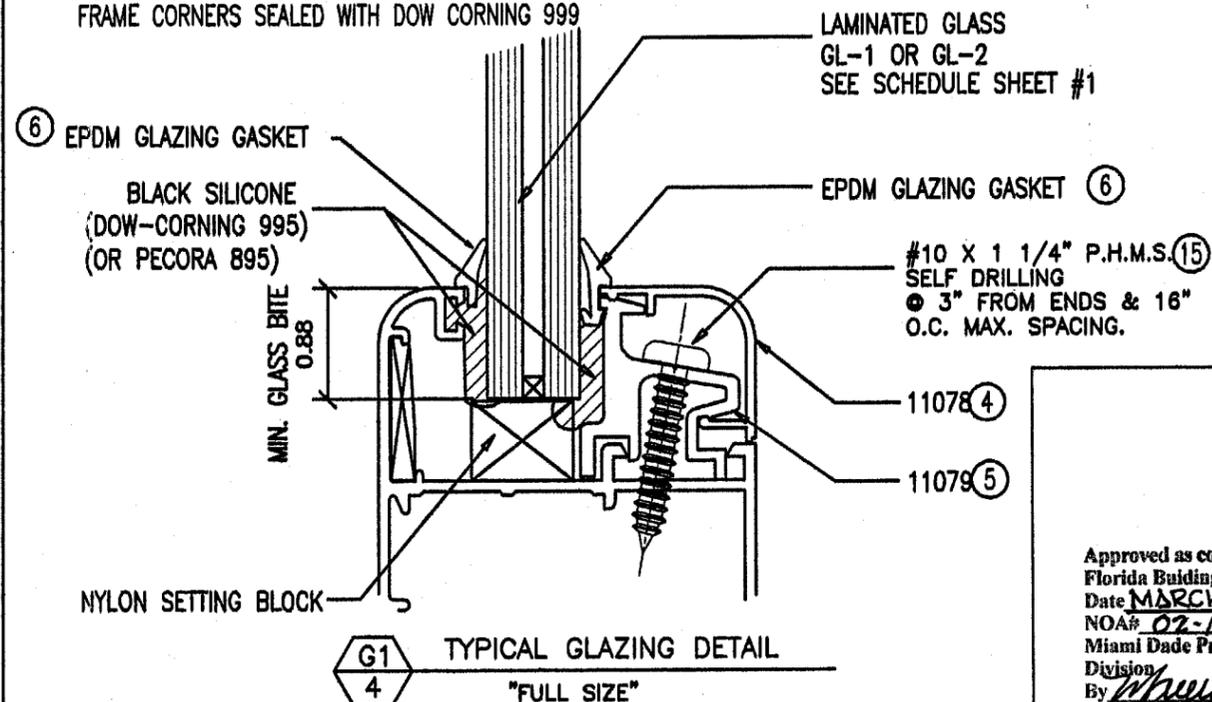
AL1 - .080" TH. ALUMINUM CHANNEL REINFORCING LENGTH TO FIT INSIDE FRAME.

MATERIAL LIST

KEY	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
①	7011	AS REQD.	FRAME MEMBER	EN AW-6060 - T5	PROFILATI SpA
②			NOT USED		
③	4263	AS REQD.	CENTRAL RABBET	EN AW-6060 - T5	PROFILATI SpA
④	11078	AS REQD.	GLASS BEADING	EN AW-6060 - T5	PROFILATI SpA
⑤	11079	AS REQD.	GLAZING STOP	EN AW-6060 - T5	PROFILATI SpA
⑥	G1	AS REQD.	CONTINUOUS EPDM WEDGE GASKET	EPDM	
⑦	100-120X	10	3 5/8" LG. TWO-PEICE BUTT HINGE	EN AW-6060 - T5	GSG
⑧	100-0600X	10	3 5/8" LG. ONE-PEICE BUTT HINGE	EN AW-6060 - T5	GSG
⑨	B	4	SUPPLEMENTARY TRANSMISSION ANGLE	ZAMA GS500	GSG
⑩	C	12	SUPPLEMENTARY HOOK LOCK	ZAMA GS500	GSG
⑪	D	2	OPERATING HANDLE	ALUMINUM	GU
⑫			NOT USED		
⑬			NOT USED		
⑭	4273	AS REQD.	CENTRAL RABBET	EN AW-6060 - T5	PROFILATI SpA
⑮	GSF1	AS NOTED	#10 X 1 1/4" P.H.M.S.(SELF DRILLING)	CAD. PLATED STEEL	STD. SCREWS FOR GLAZING BEAD
⑯	ST1	1 PER RAIL	1/8" TH. FORMED STEEL "U"	A36 CARBON STEEL	RAIL/SASH REINFORCING
⑰	ST2	1 PER RAIL	1/8" TH. FORMED STEEL "U"	A36 CARBON STEEL	CENTRAL RABBET REINFORCING
⑱	AL1	1 PER RAIL	.080" ALUM. "U"	6063-T5 ALUM.	FRAME REINFORCING
⑲	105-0110	1 EA. CORNER	FRAME CORNER KEY(LOWER CORNERS)	CAST ALUMINUM	PROFILATI SpA
⑳	105-0409	1 EA. CORNER	FRAME CORNER KEY(UPPER CORNERS)	CAST ALUMINUM	PROFILATI SpA
㉑	110-3578	2 EA. CORNER	.325" DIA. METALLIC PIN	CAST ALUMINUM	PROFILATI SpA
㉒		6	#8 SMS INSTALLED IN STAGGERED PAIRS	CAST ALUMINUM	
㉓	2666	AS REQD.	VINYL GASKET		
㉔	164-0428	1 EA. CORNER	FRAME CORNER KEY	CAST ALUMINUM	PROFILATI SpA
㉕	164-0426	1 EA. CORNER	FRAME CORNER KEY	CAST ALUMINUM	PROFILATI SpA
㉖	126-2261	AS REQUIRED	VINYL GASKET		

SEALANTS

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



G1 4 TYPICAL GLAZING DETAIL "FULL SIZE"

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Miami Dade Product Control  
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REVISION DESCRIPTION	DATE	BY	G.R.	11/21/02
1 PER CODE COMPLIANCE COMMENTS				
2 PLAN REVIEW COMMENTS	02/12/03			
DETAILS - DOOR				
LA FINESTRA SERIES EKU-53 INSWING ENTRANCE DOOR				
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. 43604			
	DATE:	9-28-02		
	DRAWING NO:	LAFINDRIN		
	SHEET NO:	4 OF 4		