



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

PRODUCT CONTROL DIVISION
(305) 375-2902
FAX (305) 372-6339

Bruno Salvoni
La Finestra
2790 NW 104 Court
Miami, Florida 33172

NOTICE OF PROPOSED ACTION

**To: Members of the Board of Rules and Appeals and
La Finestra, Applicant**

In accordance with Dade County Administrative Order 10-3, which governs the product review process, the Product Control Division of the Office of Code Compliance, intends to issue a Product Control Notice of Acceptance to La Finestra for Series "EKU-53" Outswing Aluminum Casement Window - L.M.I., No. 10-0511.01, to allow its use in Dade County and its municipalities.

To: Members of the Board of Rules and Appeals:

The documentation being provided to you represents the recommendation of the Product Control Division of the Office of Code Compliance in regards to the submittal of La Finestra for Series "EKU-53" Outswing Aluminum Casement Window - L.M.I., No. 10-0511.01. Under the provisions of Dade County Administrative Order 10-3, which governs the product review process. You must review this documentation. If within 20 days from the date of mailing, we do not receive any written objection stating the reason(s) for your disapproval, this product will be automatically approved.

To: La Finestra, Applicant

The Product Control Division of the Office of Code Compliance, in accordance with Dade County Administrative Order 10-3, which governs the product review process, has issued this notice of proposed action and intends to issue a Product Control Notice of Acceptance for your Series "EKU-53" Outswing Aluminum Casement Window - L.M.I., No. 10-0511.01, to be used in Dade County and its municipalities, unless a member of the Board of Rules and Appeals or yourself has any objections. Should you not be in accord with this notice of proposed action and wish to appeal our recommendation, you must make a written request, stating the reasons for your objection(s), to our office within 20 days of the date of mailing. Upon receipt of your written request a hearing date will be set so that you can present your objection(s) to the Board of Rules and Appeals.

Sincerely,

Jaime D. Gascon, PE
Chief, Product Control Division

DATE OF MAILING:

MAILED BY:



MIAMI-DADE COUNTY
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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

La Finestra, L.C.
2790 N.W. 104 Court
Miami, FL 33172

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "EKU-53" Outswing Aluminum Casement Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **FN-EKU53**, titled "EKU 53 Impact Windows High Load", sheets 1 through 10 of 10, the first sheet dated 03/16/10 and the rest dated 10/02/09, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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 revises NOA # **08-1126.03** and consists of this page 1 and Evidence pages E-1, E-2 and E- 3, as well as approval document mentioned above.

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

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **FN-EKU53**, titled "EKU-53 Impact Windows High Load", sheets 1 through 10 of 10, first sheet dated 03/16/10 and the rest dated 10/02/09, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E.

B. TESTS

1. Test reports on:
 - 1) Large Missile Impact Test per FBC, TAS 201-94
 - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of a 10 ft. high, arch-top aluminum out-swinging doors, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-10-3010**, dated 04/14/10, witnessed by Candido F. Font, P.E.
2. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of a 10 ft. high, arch-top aluminum out-swinging doors, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-10-3009**, dated 04/14/10, witnessed by Candido F. Font, P.E.
3. Test reports on:
 - 1) Large Missile Impact Test per FBC, TAS 201-94
 - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of a 10 ft. high aluminum out-swinging pair of doors, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-10-3003**, dated 04/14/10, witnessed by Candido F. Font, P.E.
4. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of a 10 ft. high aluminum out-swinging pair of doors, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-10-3002**, dated 04/14/10, witnessed by Candido F. Font, P.E.
5. Test reports on:
 - 1) Large Missile Impact Test per FBC, TAS 201-94
 - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of a 10 ft. high aluminum out-swinging pair of doors, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-09-2677**, dated 04/14/10, witnessed by Candido F. Font, P.E.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 10-0511.01
Expiration Date: February 27, 2013
Approval Date:

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of a 10 ft. high aluminum out-swinging pair of doors, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-09-2676**, dated 04/14/10, witnessed by Candido F. Font, P.E.
7. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
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 202-94
along with marked-up drawings and installation diagram of an Aluminum Out-Swinging Entrance Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4531**, dated 06/01/05, witnessed by Edmundo Largaespada, P.E.
(Submitted under NOA # 05-0725.03)
8. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an out swing wood door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3881**, dated 08/23/04, witnessed by Edmundo Largaespada, P.E.
(Submitted under NOA # 05-0203.02)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 04/26/10 and revised on 08/19/10, prepared by Bromley-Cook Engineering, Inc, signed and sealed by William D. Cook, P.E.
Complies with ASTM E1300 -04

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **05-1208.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite PVB Interlayer**" dated 01/05/06, expiring on 12/11/10.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 10-0511.01
Expiration Date: February 27, 2013
Approval Date:

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, dated April 26, 2010, signed and sealed by William D. Cook, P.E.
2. Statement letter of no financial interest, dated April 26, 2010, signed and sealed by William D. Cook, P.E.
3. Laboratory compliance letter for Test Report No. **FTL- 4531**, issued by Fenestration Testing Laboratory, Inc., dated July 11, 2005, signed and sealed by Edmundo Largaespada, P.E. *(Submitted under NOA # 05-0725.03)*
4. Laboratory compliance letter for Test Report No. **FTL- 3881**, issued by Fenestration Testing Laboratory, Inc., dated October 18, 2004, signed and sealed by Edmundo Largaespada, P.E. *(Submitted under NOA # 05-0203.02)*

G. OTHERS

1. Notice of Acceptance No. **08-1126.03**, issued to La Finestra, L.C. for their Series "EKU-53" Outswing Aluminum Casement Window – L.M.I., approved on 05/20/09 and expiring on 02/27/13.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 10-0511.01
Expiration Date: February 27, 2013
Approval Date:

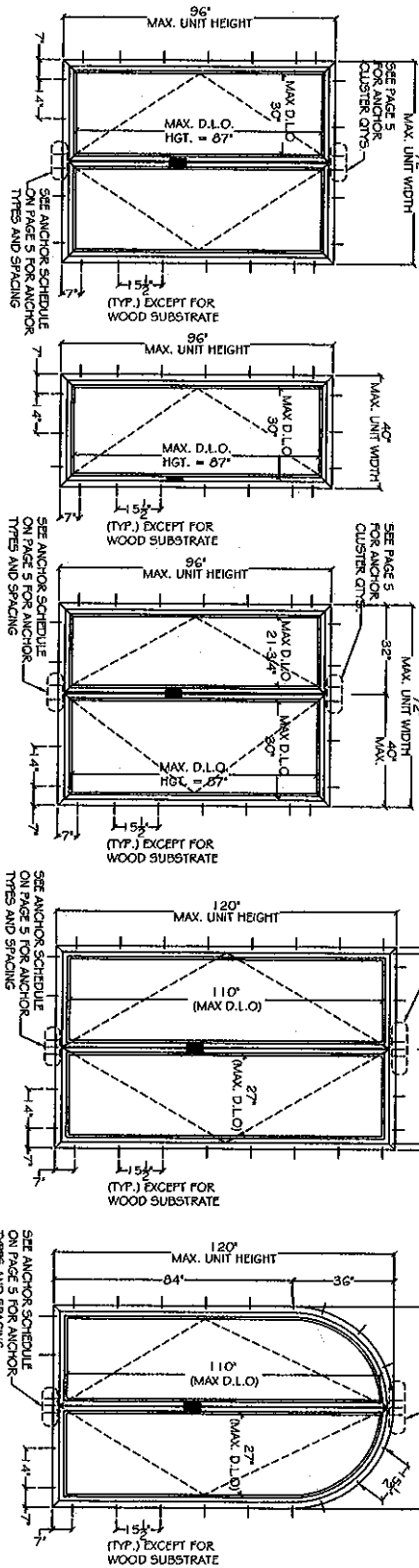
LA FINESTRA, LC

SERIES: EKU 53 OUTSWING CASEMENT WINDOW (HIGH LOAD)

TYPICAL CONFIGURATIONS

MAX. WINDOW SIZES SHOWN

MULTIPLE UNITS STACKED SIDE BY SIDE MUST HAVE APPROVED MILLIONS BETWEEN EACH DOOR FRAME (SEE ALTERNATE CONFIGURATIONS ON PAGE 2)



NOTES:

- THIS SYSTEM HAS BEEN DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE AS DESCRIBED IN THE 2007 FLORIDA BUILDING CODE
- THIS WINDOW SYSTEM HAS BEEN TESTED, ENGINEERED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN SCHEDULE.
- BUCK OPENINGS & BUCK FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND WIND LOADS FOR EACH APPLICATION. THE DESIGN & ENGINEERING OF BUCKS SHALL BE PROVIDED BY THE ENGINEER OF RECORD
- BUCK FASTENERS MAY NOT EXCEED 16" O.C. SPACING AROUND OPENINGS.
- THE SYSTEM SHOWN HEREIN WAS TESTED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS T4S-201, 202 & 203.
- ONE-THIRD INCREASE IN ALLOWABLE MATERIAL STRESS LIMITS FOR SHORT DURATION WIND LOAD NOT USED IN THE DESIGN CALCULATIONS. EXCEPT 1.6 WINDLOAD FACTOR FOR WOOD.

GLASS SCHEDULE	
LARGE MISSILE IMPACT RESISTANT	
GL-1	7/16" (454) LAMINATED 3/16" (1,027) HS -090° P.V.B. INTERLAYER (DUPONT BUTACEL) - 3/16" HEAT STRENGTHENED
GL-2	1-1/4" INSULATED 3/16" (1,027) HS -090° P.V.B. 3/16" HS 1/2" AIR GAP 3/16" TEMPERED

GLASS CHART		
GLASS TYPE	MAXIMUM D.L.O.	MAX DESIGN LOAD
GL-1	30" W x 87" H	+110.0/-110.0 PSF
GL-2	27" W x 110" H	+80.0/-80.0 PSF

MAX PANEL WIDTH	
D10 + 9"	FOR DIE # 16012 (#2)
D10 + 7.62"	FOR DIE # 16013 (#2A)
MAX PANEL HEIGHT	
D10 + 9"	FOR DIE # 16012 (#2)
D10 + 7.62"	FOR DIE # 16013 (#2A)

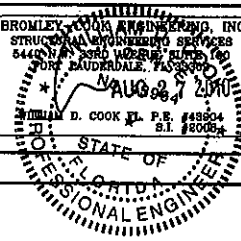
WATER INFILTRATION TEST PRESSURE
- WINDOWS UP TO 120" TALL: 12 PSF
- WINDOWS UP TO 96" TALL: 16.5 PSF
WITH STANDRAD THRESHOLD

DATE: 03/16/2010
SCALE: NTS.
DWG. BY: LA FIN
CHK. BY:

PRODUCT:
EKU-53
IMPACT WINDOWS

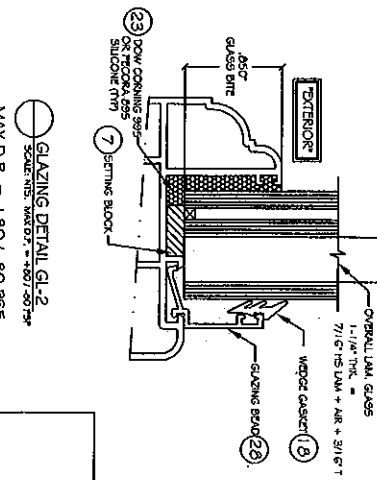
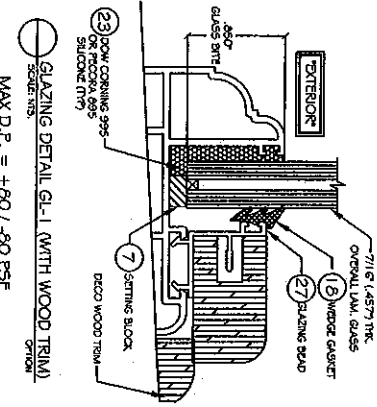
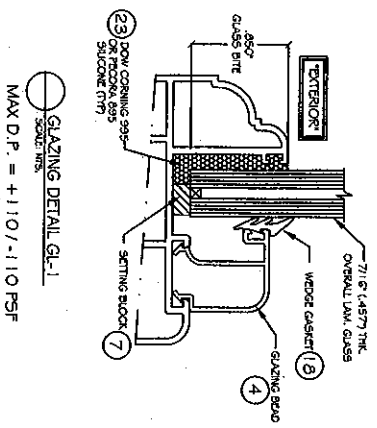
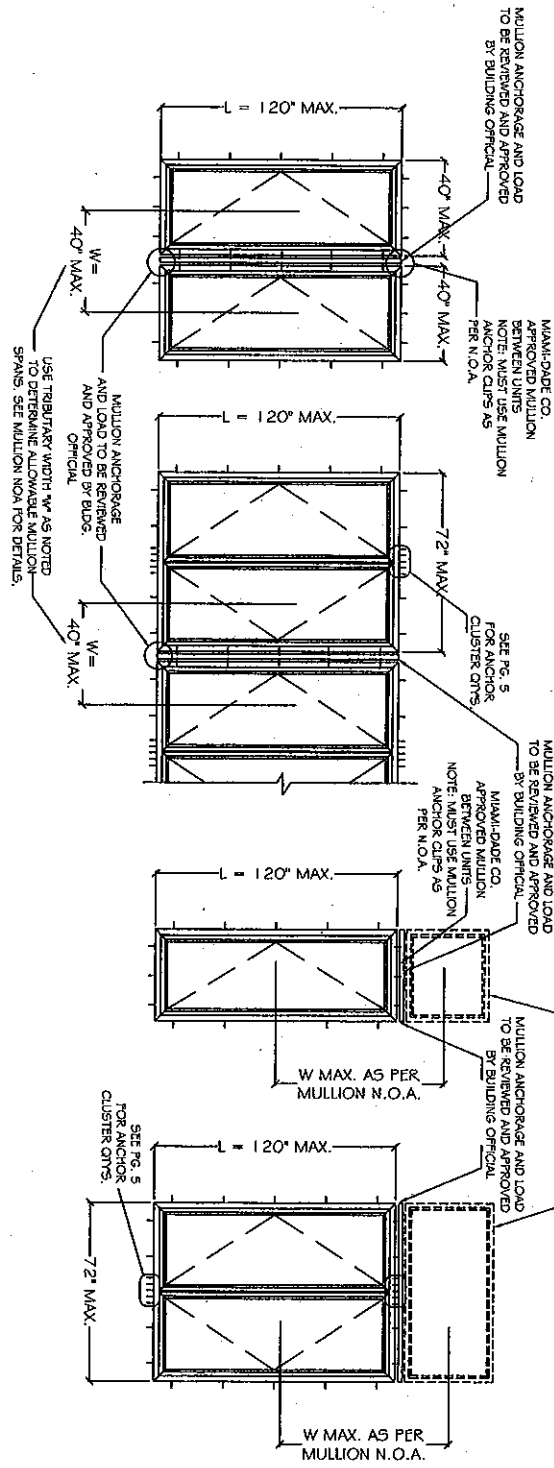
BROMLEY ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 12TH AVENUE, SUITE 200
DADE COUNTY, FLORIDA 33150
D. COOK P.E. #43504
S.T. #20084

LA FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2780 Northwest 104th Court
Miami, FL 33172-2175
Phone (305) 599-8093
Fax (305) 592-4671



ALTERNATE CONFIGURATIONS

UNITS MAY BE INSTALLED WITH A MIAMI-DADE COUNTY APPROVED MULLION BETWEEN EACH WINDOW AND/OR FRAME. THE LOWEST DESIGN PRESSURE FOR THE WINDOW, TRANSOM OR MULLION WILL CONTROL.

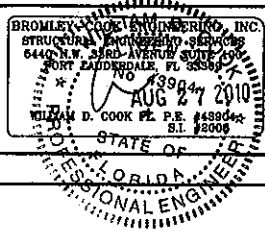


DATE: 10/02/2009
SCALE: 3/8" = 1'-0"
DWG. BY: LA FIN
CHK. BY:

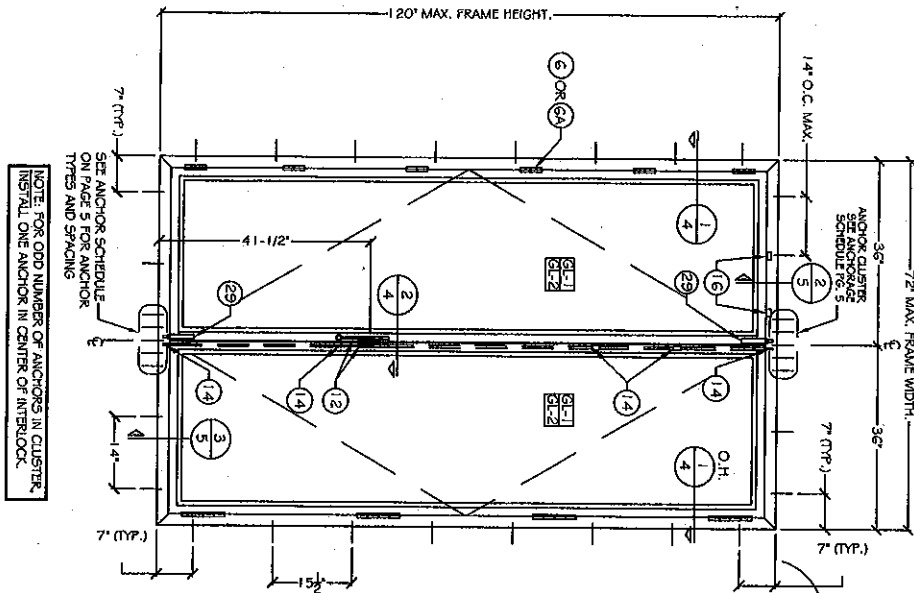
PRODUCT: EKU-53 IMPACT WINDOWS

BROMLEY & CO. ENGINEERING, INC.
STRUCTURAL ENGINEERS
6449 N.W. 36th Avenue, Suite 100
Fort Lauderdale, FL 33309
No. 39044
AUG 24 2010
WILLIAM D. COOK P.E. #4890
S.T. #2008

LA FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 Northwest 104th Court
Miami, FL 33172-2175
Phone (305) 599-8093
Fax (305) 592-4671

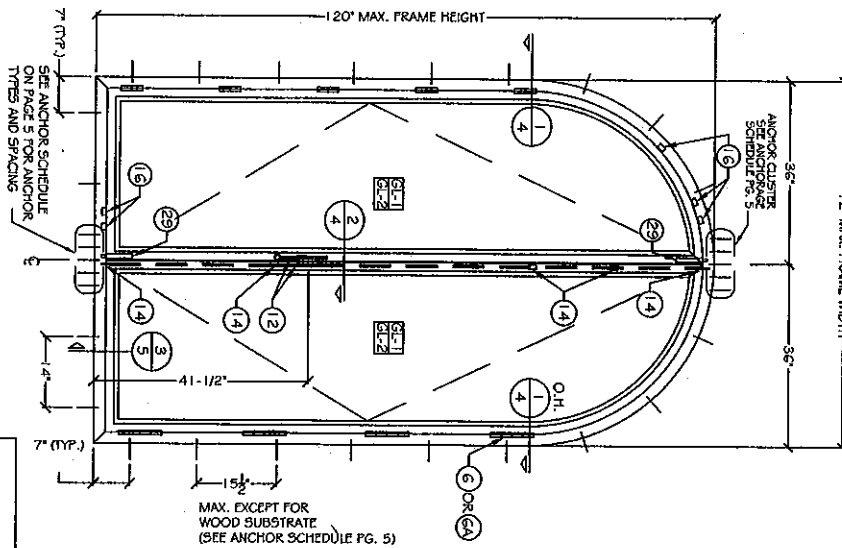


SERIES EKU-53 ALUMINUM CASEMENT WINDOWS (UNIT ELEVATIONS VIEWED FROM EXTERIOR)



MAX. EXCEPT FOR WOOD SUBSTRATE (SEE ANCHOR SCHEDULE PG. 5)

HARDWARE		
(1) OPERATING HANDLE	(14) S-POINT LOCKING SYSTEM	
(2) S-POINT LOCKING SYSTEM	(15) MUSHROOM HEAD AND KEEPERS	
(3) MUSHROOM HEAD AND KEEPERS	(16) FLUSH BOLT	
(4) FLUSH BOLT	HINGES	
(5) DOOR FASTENERS	(6) OR (8) - 120" DOOR FASTENERS (8) PARS OF HINGES IN (4) CLUSTERS IN EACH PANEL OR (8) PAIR EQUALLY SPACED ON EACH PANEL. (9) DOOR FASTENERS (6) PARS OF HINGES IN (3) CLUSTERS IN EACH PANEL OR (6) PAIR EQUALLY SPACED ON EACH PANEL.	
(6) OR (8) DOOR FASTENERS	GLAZING	
(9) DOOR FASTENERS	(GL-1)	(GL-2)
(10) DOOR FASTENERS	SEE ALLOWABLE GLASS DIO ON SHEET 1	



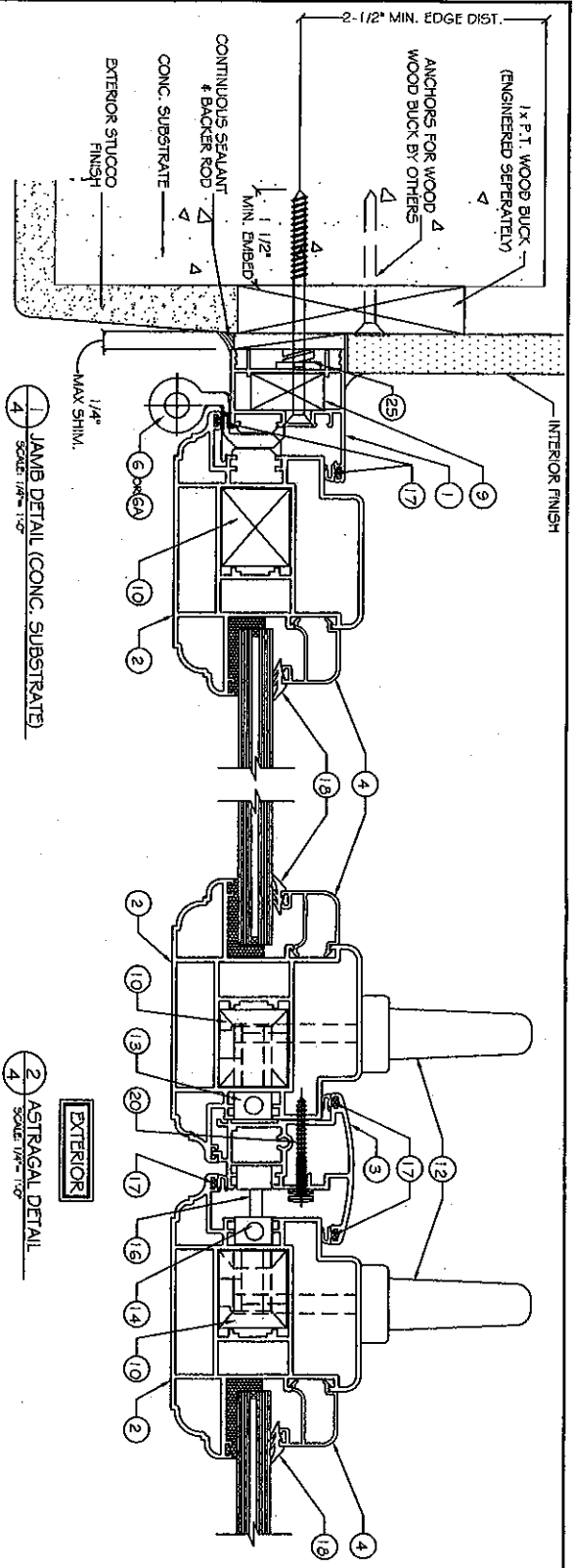
MAX. EXCEPT FOR WOOD SUBSTRATE (SEE ANCHOR SCHEDULE PG. 5)

DATE: 10/02/2009
 SCALE: 1/2" = 1'-0"
 DWG. BY: LA FIN
 CHK. BY:

PRODUCT: **EKU-53 IMPACT WINDOWS**

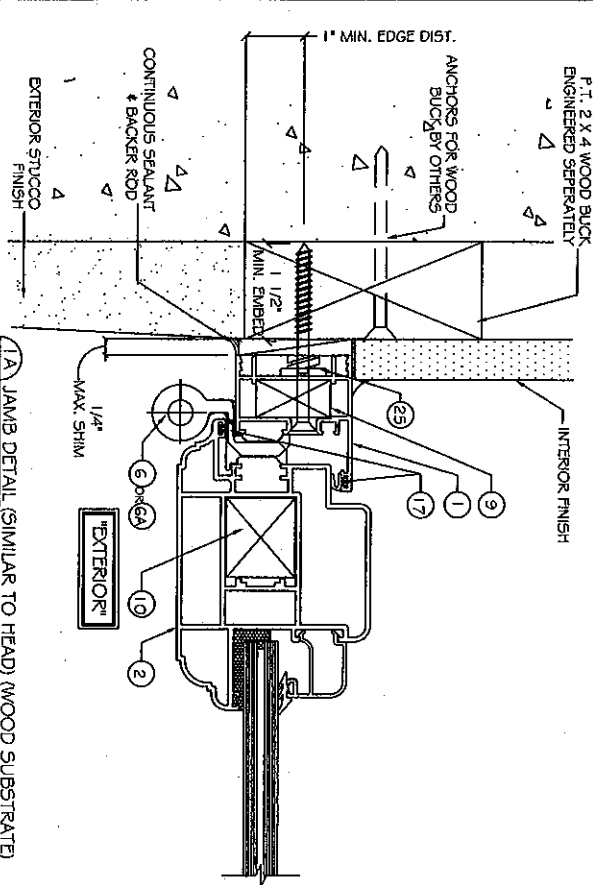
WILLIAM D. SCOTT
 STRUCTURAL ENGINEERING & ARCHITECTURE, INC.
 5440 N.W. 93RD AVENUE, SUITE 700
 FORT LAUDERDALE, FL 33309
 AUG 27 2009
 WILLIAM D. SCOTT, P.E. #13804
 C.E. #2899

LA FINESTRA, L.C.
 ITALIAN WINDOWS & DOORS
 2790 Northwest 104th Court
 Miami, FL 33172-2175
 Phone (305) 599-8093
 Fax (305) 592-4671



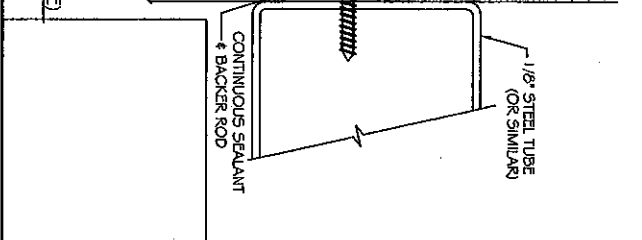
1 JAMB DETAIL (CONC. SUBSTRATE)
SCALE: 1/4" = 1'-0"

2 ASTRAGAL DETAIL
SCALE: 1/4" = 1'-0"



1A JAMB DETAIL (SIMILAR TO HEAD) (WOOD SUBSTRATE)
SCALE: 1/4" = 1'-0"

1B JAMB DETAIL (SIMILAR TO HEAD) (METAL SUBSTRATE)
SCALE: 1/4" = 1'-0"

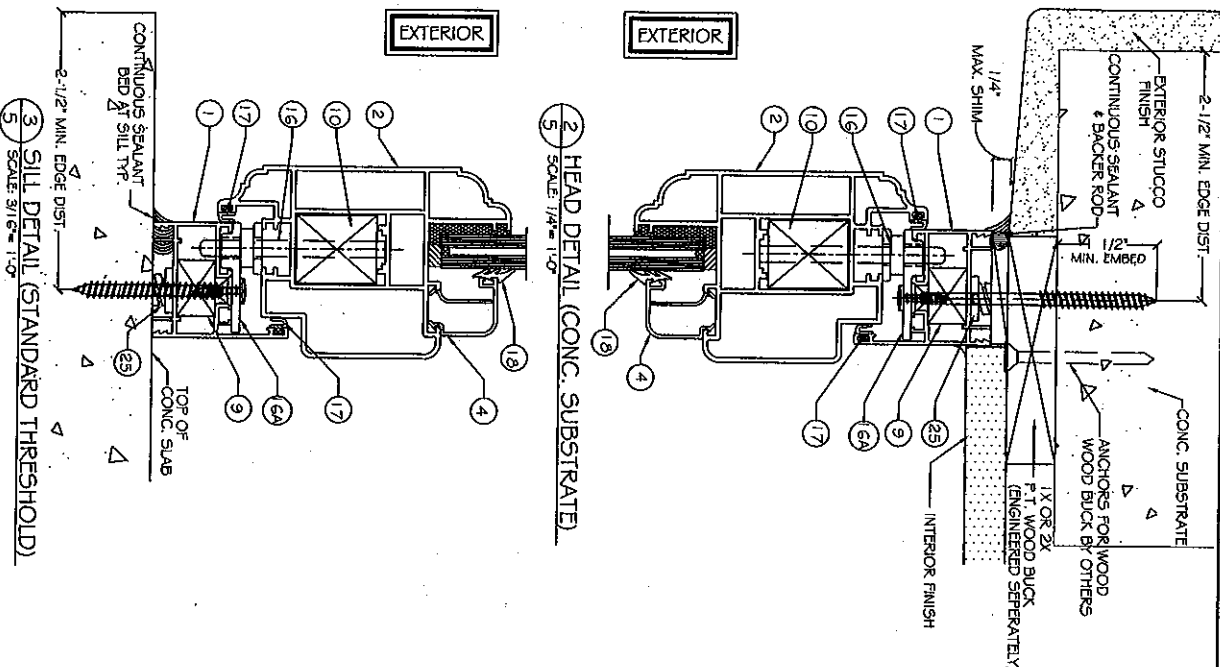


DATE: 10/02/2009
SCALE: AS NOTED
DWG. BY: LA FIN
CHK. BY:

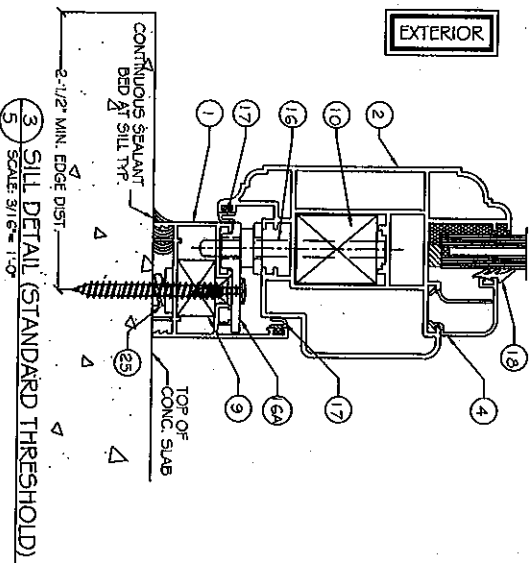
PRODUCT:
**EKU-53
IMPACT WINDOWS**

BROMLEY BOOK ENGINEERING, INC.
STRUCTURAL ENGINEERING GROUP
6440 N.W. 33RD AVENUE SUITE 102
LAUDERHILL, FL 33407
P. 352-399-1111
F. 352-399-1112
AUG 27 2010
WILLIAM D. BROMLEY
REGISTERED PROFESSIONAL ENGINEER
FLORIDA

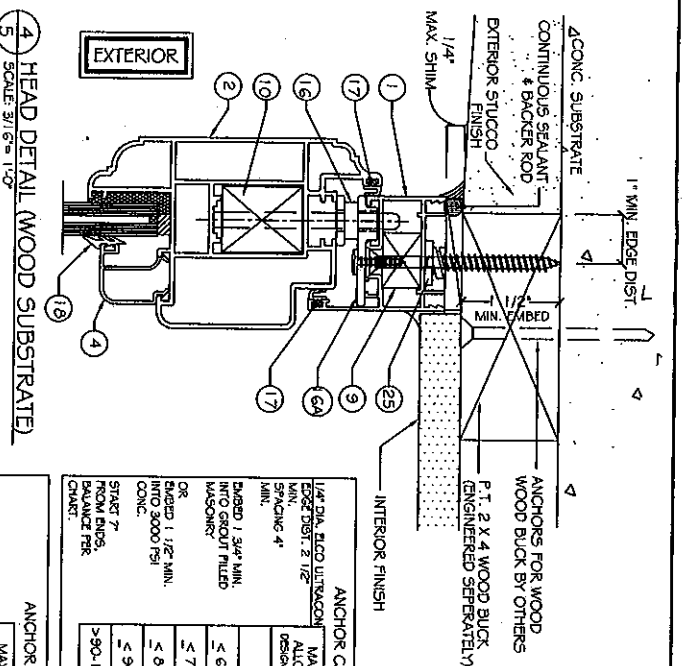
LA FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 Northwest 104th Court
Miami, FL 33172-2175
Phone (305) 599-8093
Fax (305) 592-4671



2 HEAD DETAIL (CONC. SUBSTRATE)
SCALE: 3/16" = 1'-0"



3 SILL DETAIL (STANDARD THRESHOLD)
SCALE: 3/16" = 1'-0"



4 HEAD DETAIL (WOOD SUBSTRATE)
SCALE: 3/16" = 1'-0"



5 SILL DETAIL (WOOD SUBSTRATE)
SCALE: 3/16" = 1'-0"

ANCHOR CAPACITY CHART (WOOD SUBSTRATE)

MAXIMUM ALLOWABLE DESIGN PRESSURE	ANCHORS AT JAMBES (W/ FRAME INTERLOCK)	QTY. ANCHORS AT INTERLOCK
≤ 60 P.S.F.	12 CC	4
≤ 70 P.S.F.	12 CC	4
≤ 80 P.S.F.	12 CC	5
≤ 90 P.S.F.	12 CC	5
>90-110 P.S.F.	12 CC	6

SPACED 2 1/2" JAMB

ANCHOR CAPACITY CHART (STEEL SUBSTRATE)

MAXIMUM ALLOWABLE DESIGN PRESSURE	ANCHORS AT JAMBES (W/ FRAME INTERLOCK)	QTY. ANCHORS AT INTERLOCK
≤ 60 P.S.F.	15-1/2" CC	2
≤ 70 P.S.F.	15-1/2" CC	2
≤ 80 P.S.F.	15-1/2" CC	3
≤ 90 P.S.F.	15-1/2" CC	3
>90-110 P.S.F.	15-1/2" CC	3

SPACED 2 1/2" JAMB

ANCHOR CAPACITY CHART (CONCRETE SUBSTRATE)

MAXIMUM ALLOWABLE DESIGN PRESSURE	ANCHORS AT JAMBES (W/ FRAME INTERLOCK)	QTY. ANCHORS AT INTERLOCK
≤ 60 P.S.F.	15-1/2" OC	2
≤ 70 P.S.F.	15-1/2" OC	2
≤ 80 P.S.F.	15-1/2" OC	3
≤ 90 P.S.F.	15-1/2" OC	3
>90-110 P.S.F.	15-1/2" OC	3

SPACED 4" JAMB

DATE: 10/02/2009
SCALE: 3/16" = 1'-0"
DWG. BY: LA FIN
CHK. BY:

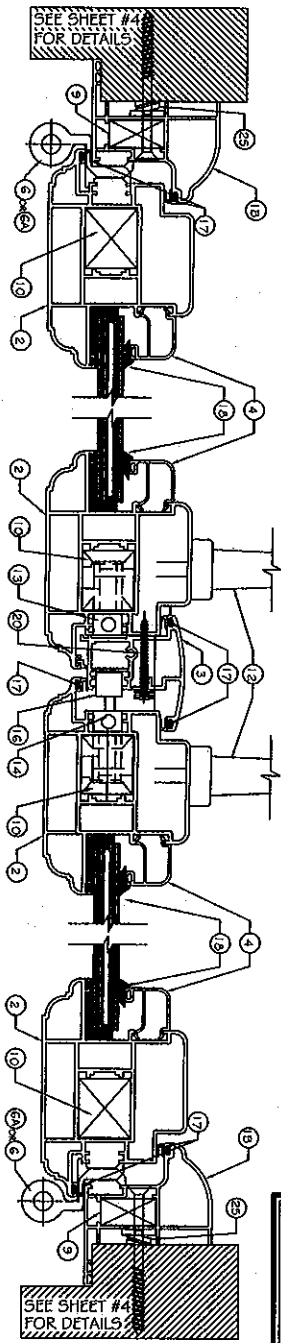
PRODUCT: **EKU-53 IMPACT WINDOWS**

BRONLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING
1000 S. W. 10TH AVENUE, SUITE 200
FORT LAUDERDALE, FL 33306
AUG 27 2010
WILLIAM D. COOK P.E. #48004
STATE OF FLORIDA
PROFESSIONAL ENGINEER

LA FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 Northwest 104th Court
Miami, FL 33172-2175
Phone (305) 593-8093
Fax (305) 592-4671

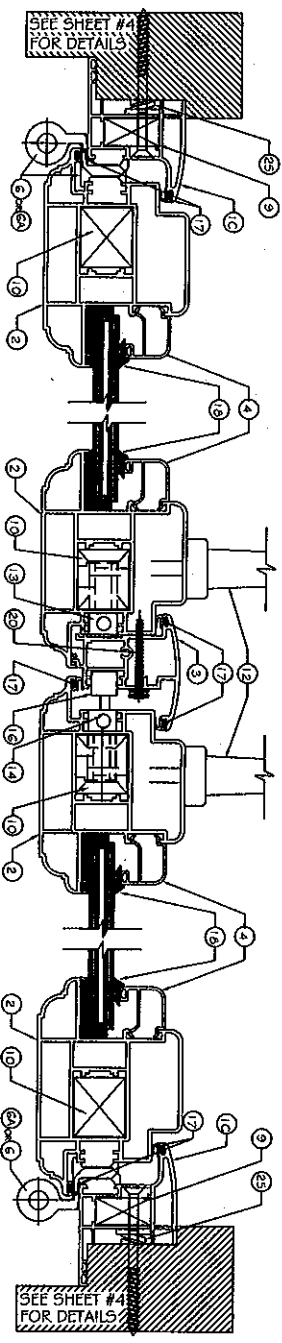
PROFILE COMBINATIONS

NOTE: PLEASE SEE D.P. LIMITATIONS FOR GLAZING BEAD ON SHEET 2



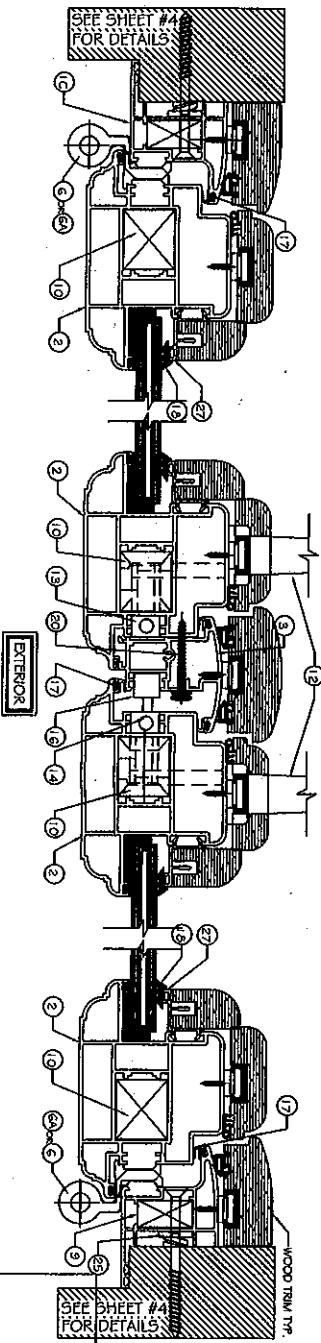
COMBINATION 1
SCALE: 3/16" = 1"

MAXIMUM P.S.F. @ 96" +110.00
MAXIMUM P.S.F. @ 120" +80.00
-110.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 13.5 PSF
-80.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 12.0 PSF



COMBINATION 2
SCALE: 3/16" = 1"

MAXIMUM P.S.F. @ 96" +110.00
MAXIMUM P.S.F. @ 120" +80.00
-110.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 13.5 PSF
-80.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 12.0 PSF



COMBINATION 2 WITH WOOD TRIM
SCALE: 3/16" = 1"

MAXIMUM P.S.F. @ 120" +80.00
-80.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 12.0 PSF

DATE: 10/02/2009
SCALE: AS NOTED
DWG. BY: LA FIN
CHK. BY:

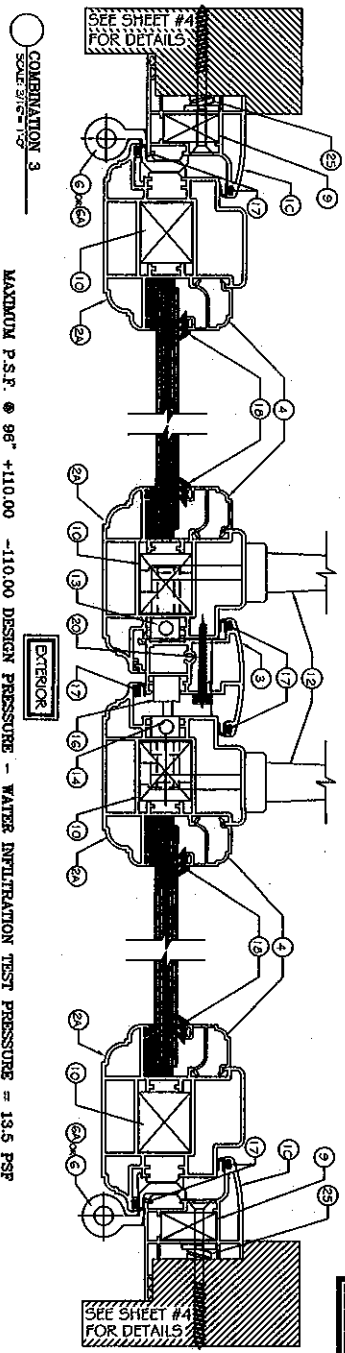
PRODUCT: EKU-53
IMPACT WINDOWS

BROMBERG & COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING OFFICE
6340 N.W. 33RD AVENUE, SUITE 204
FORT LAUDERDALE, FL 33309
AUG 27 2010
FLORIDA PROFESSIONAL ENGINEER

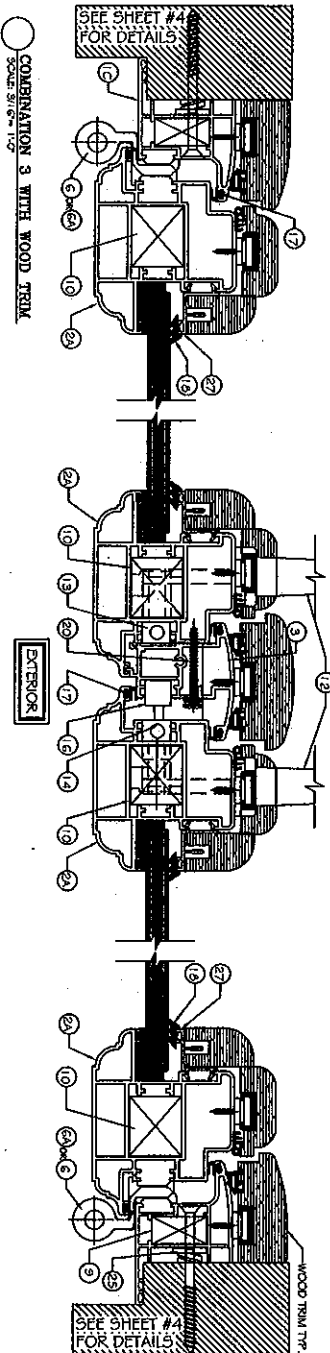
LA FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2780 Northwest 104th Court
Miami, FL 33172-2175
Phone (305) 598-8093
Fax (305) 592-4871

PROFILE COMBINATIONS

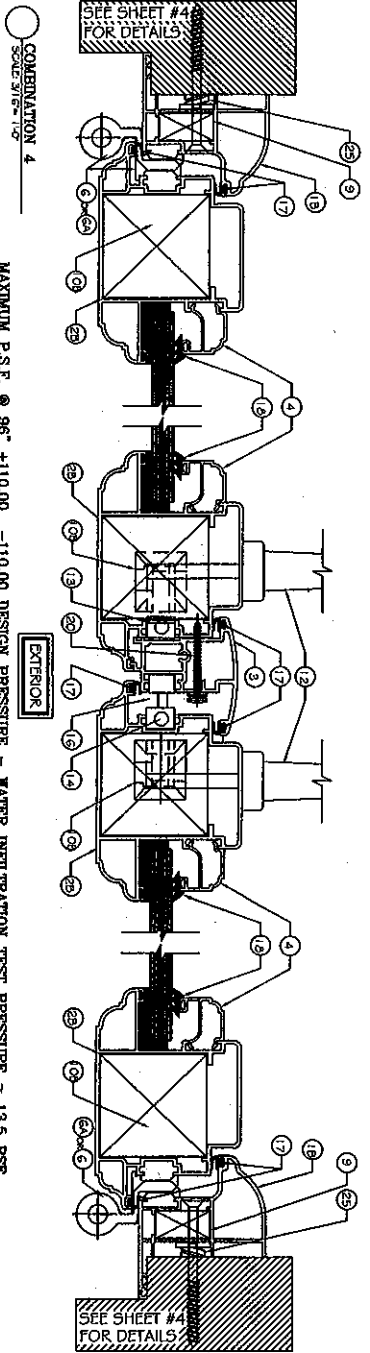
NOTE: PLEASE SEE D.P. LIMITATIONS FOR GLAZING BEAD ON SHEET 2



MAXIMUM P.S.F. @ 96" +110.00
 -110.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 13.5 PSF
 MAXIMUM P.S.F. @ 120" +80.00
 -80.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 12.0 PSF



MAXIMUM P.S.F. @ 120" +80.00
 -80.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 12.0 PSF



MAXIMUM P.S.F. @ 96" +110.00
 -110.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 13.5 PSF
 MAXIMUM P.S.F. @ 120" +90.00
 -90.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 12.0 PSF

DATE: 10/02/2009
 SCALE: AS NOTED
 DWG. BY: LA FIN
 CHK. BY:

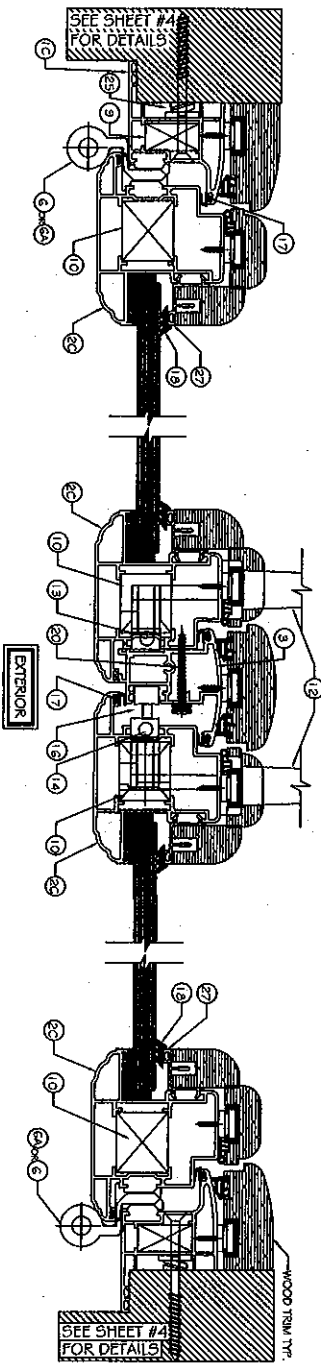
PRODUCT: EKU-53
 IMPACT WINDOWS

WILLIAM D. BROMLEY-COOK ENGINEERING, INC.
 STRUCTURAL ENGINEERING SERVICES
 6420 N.W. 33RD AVENUE, SUITE 100
 FORT LAUDERDALE, FL 33309
 AUG 27 2009
 WILLIAM D. BROMLEY-COOK, P.E.
 PROFESSIONAL ENGINEER

LA FINESTRA, L.C.
 ITALIAN WINDOWS & DOORS
 2790 Northwest 104th Court
 Miami, FL 33172-2175
 Phone (305) 598-8093
 Fax (305) 592-4671

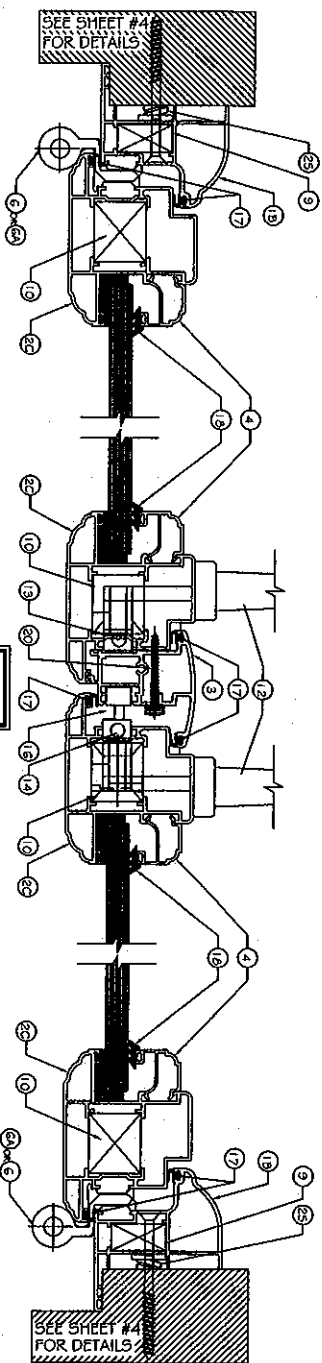
COMBINATION 7 WITH WOOD TRIM
SCALE 3/16" = 1'-0"
NOTE: WOOD TRIM IS OPTIONAL

MAXIMUM OF 96" H D.P. = +80 / -80 PSF WATER @ 12.0 PSF



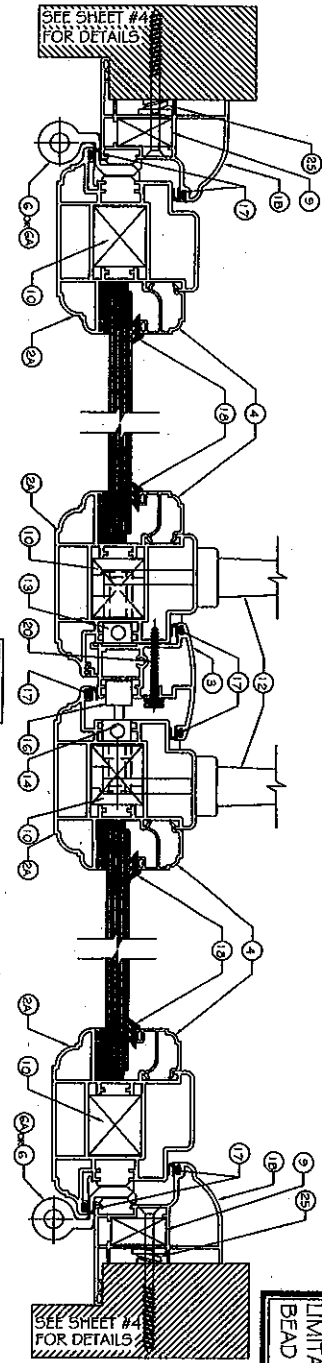
COMBINATION 6
SCALE 3/16" = 1'-0"

MAXIMUM OF 96" H D.P. = +80 / -80 PSF WATER @ 12.0 PSF



COMBINATION 5
SCALE 3/16" = 1'-0"

MAXIMUM P.S.F. @ 96" +110.00
MAXIMUM P.S.F. @ 120" +80.00
-110.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 13.5 PSF
-80.00 DESIGN PRESSURE - WATER INFILTRATION TEST PRESSURE = 12.0 PSF



NOTE: PLEASE SEE D.P. LIMITATIONS FOR GLAZING BEAD ON SHEET 2

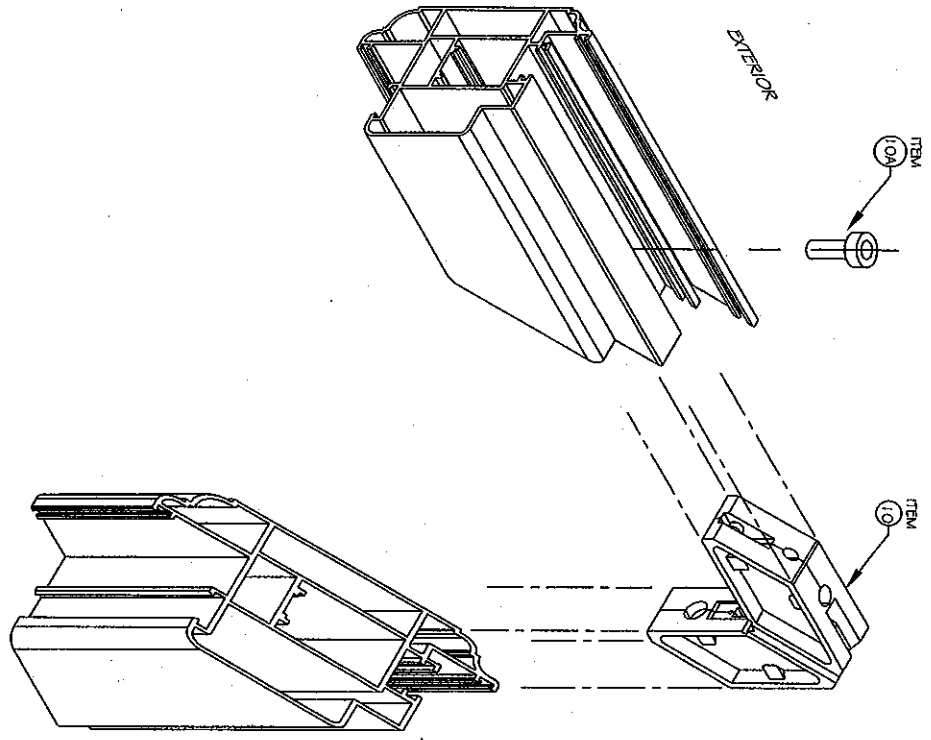
DATE: 10/02/2009
SCALE: AS NOTED
DWG. BY: LA FIN
CHK. BY:

PRODUCT:
**EKU-53
IMPACT WINDOWS**

BROMBERG ENGINEERING, INC.
STRUCTURAL ENGINEERING
6440 N.W. 33RD AVENUE, SUITE 200
FORT LAUDERDALE, FL 33309
AUG 27 2010
WILLIAM D. COOK FL P.E. #49804
STATE OF FLORIDA
PROFESSIONAL ENGINEER

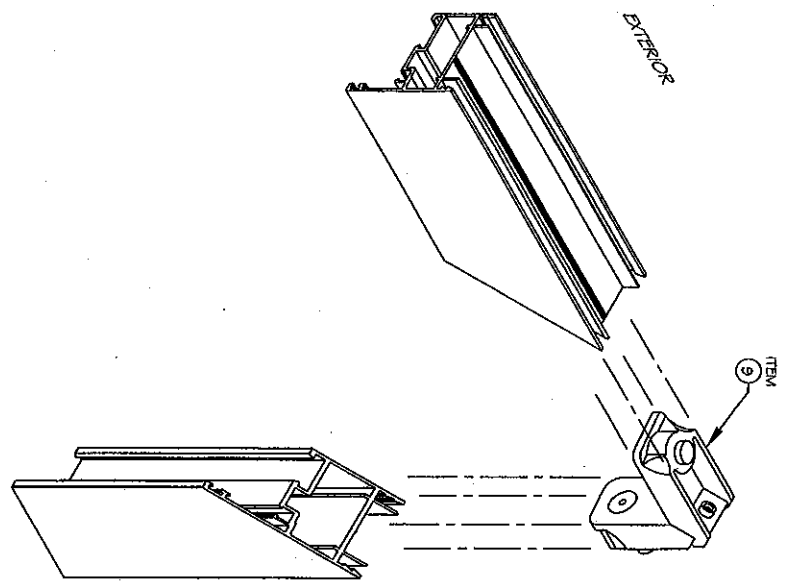
LA FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 Northwest 104th Court
Miami, FL 33172-2175
Phone (305) 599-8093
Fax (305) 592-4671

WINDOW PANEL CORNER DETAIL



NOTE: SEAL JOINTS WITH POLYURETHANE SEALANT DURING ASSEMBLY.

WINDOW FRAME CORNER DETAIL



DATE: 10/02/2009
 SCALE: AS NOTED
 DWG. BY: LA FIN
 CHK. BY:

PRODUCT: EKU-53
 IMPACT WINDOWS

WILLIAM H. BROMLEY & COMPANY, INC.
 STRUCTURAL ENGINEERING
 6442 N.W. 33RD AVENUE SUITE 100
 FORT LAUDERDALE, FL 33309
 AUG 27 2010
 WILIAM D. COOK FL. P.E. #43904
 STATE OF FLORIDA
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