



**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)

www.buldingcodeonline.com

**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. **FIN-B16/06R2**, titled "Series EKU-53 Aluminum Casement Window (Hi - Load)", sheets 1 through 6 of 6, dated 12/19/07, 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" or the Product Control Seal, 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 and renews** NOA # **05-0725.03** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



**NOA No. 08-0110.10
Expiration Date: February 27, 2013
Approval Date: February 28, 2008
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **FIN-B16/06R2**, titled "Series EKV-53 Aluminum Casement Window (HI-LOAD)", sheets 1 through 6 of 6, dated 12/19/07, 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 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 202-94along 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 June 1, 2005, witnessed by Edmundo Largaespada, P.E. *(Submitted under NOA # 05-0725.03)*
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 an out swing wood door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **FTL-3881**, dated August 23, 2004, witnessed by Edmundo Largaespada, P.E. *(Submitted under NOA # 05-0203.02)*

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, dated 02/08/06, prepared by Bromley-Cook Engineering, Inc, signed and sealed by William D. Cook, P.E.
Complies with ASTM E1300 -98

D. QUALITY ASSURANCE

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


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0110.10
Expiration Date: February 27, 2013
Approval Date: February 28, 2008

La Finestra

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their “**Saflex III G Clear or colored Interlayer**” dated 05/04/06, expiring on 05/21/11.
2. Notice of Acceptance No. **03-1117.01** issued to Surface Specialties, Inc. for their “**Uvekol a Laminate Glass Component**”, dated 01/29/04, expiring on 02/08/09.

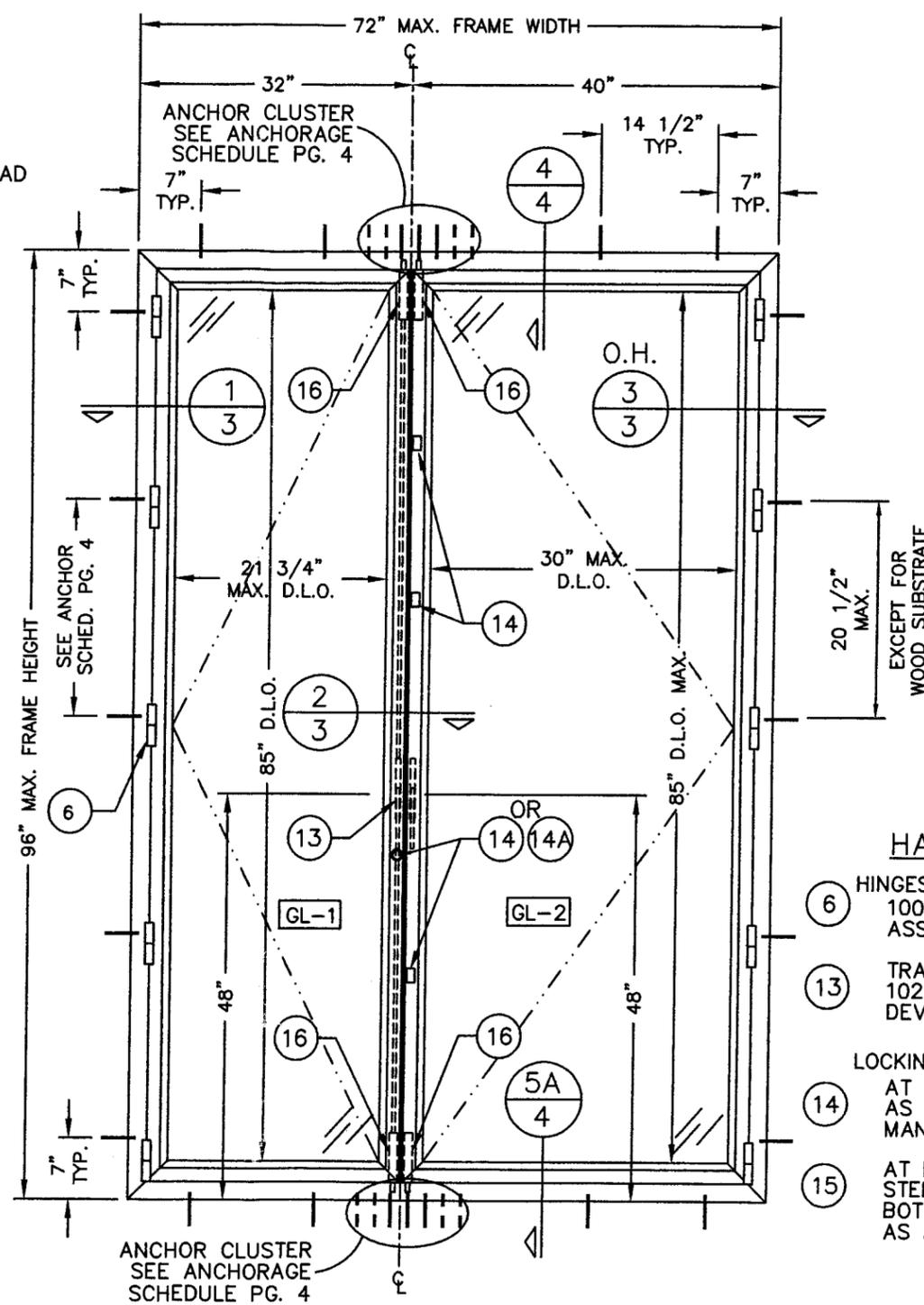
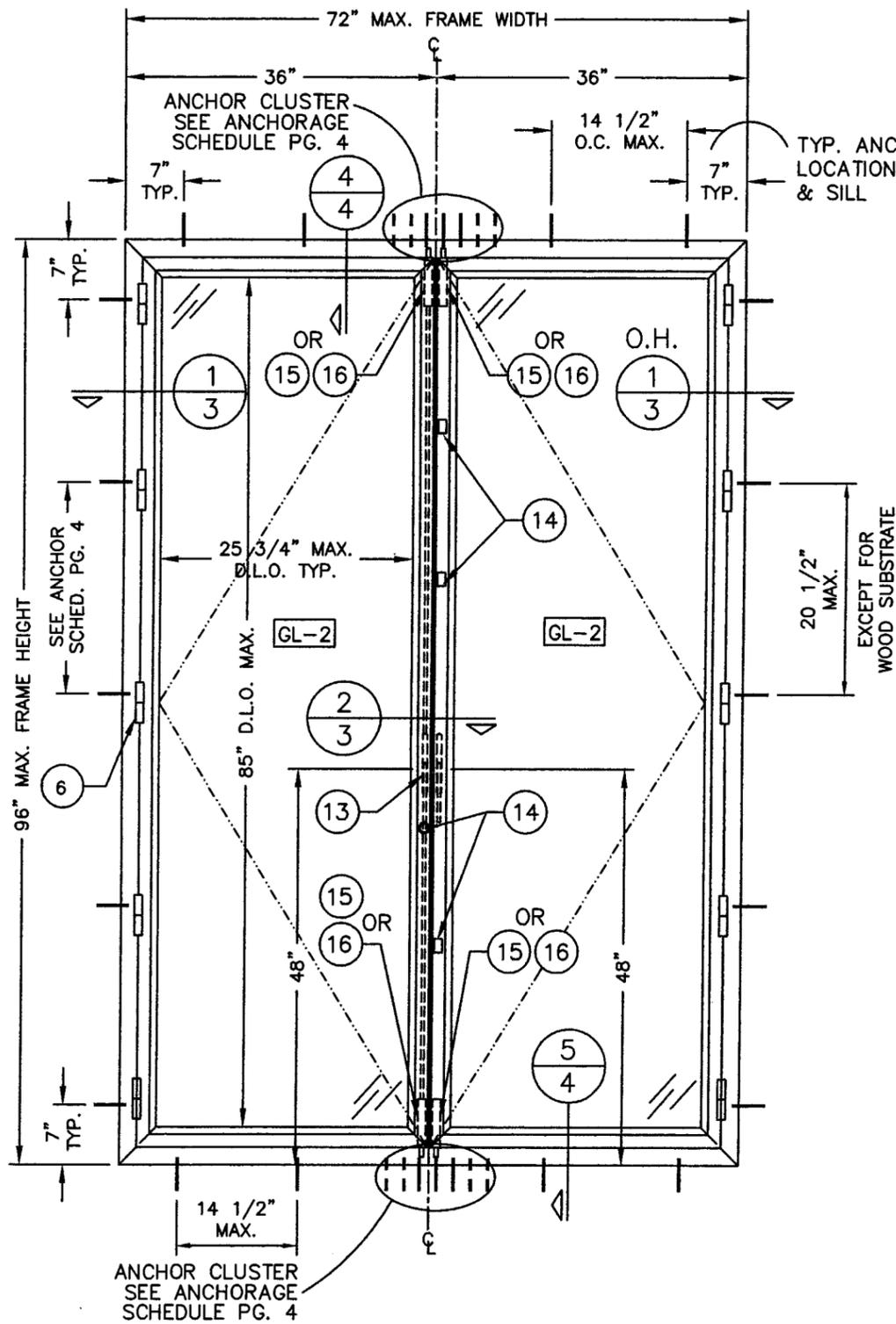
F. STATEMENTS

1. Statement letter of conformance, dated December 27, 2007, signed and sealed by William D. Cook, P.E.
2. Statement letter of no financial interest, dated December 27, 2007, 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. OTHER

1. Notice of Acceptance No. **05-0725.03**, issued to **La Finestra** for their “Series “**EKU-53**” Outswing Aluminum Casement Window – L.M.I.”, approved on 04/06/06 and expiring on 02/27/08.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0110.10
Expiration Date: February 27, 2013
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SERIES EKU-53 ALUMINUM CASEMENT WINDOW

(UNIT ELEVATIONS VIEWED FROM EXTERIOR)

SCALE: N.T.S.

HARDWARE:

- ⑥ HINGES:
100-120X 4" LG. TWO PIECE HINGE ASS'Y AS MANUFACTURED BY "G.S.G."
- ⑬ TRANSMISSION:
1025 TRANSMISSION MOVEMENT DEVICE AS MANUFACTURED BY "G.S.G."
- ⑭ LOCKING:
AT ACTIVE LEAF-
AS 6570 5-POINT LOCK SYSTEM AS MANUFACTURED BY "K.F.V."
- ⑮ AT INACTIVE LEAF-
STEEL FLUSH BOLTS AT TOP & BOTTOM OF DOOR LEAF AS MANUFACTURED BY "A.G.B."

PRODUCT REVISION
as complying with the Florida
Building Code
Acceptance No. **08-0110.10**
Expiration Date **FEB. 27, 2013**
By *Manuel Perez*
Miami Date Product Control
Division

L.A. FINESTRA, L.C.
ITALIAN WINDOWS * DOORS
2790 N.W. 104 Court
Miami, FL 33172
Phone (305) 599-8093
Fax (305) 592-4671

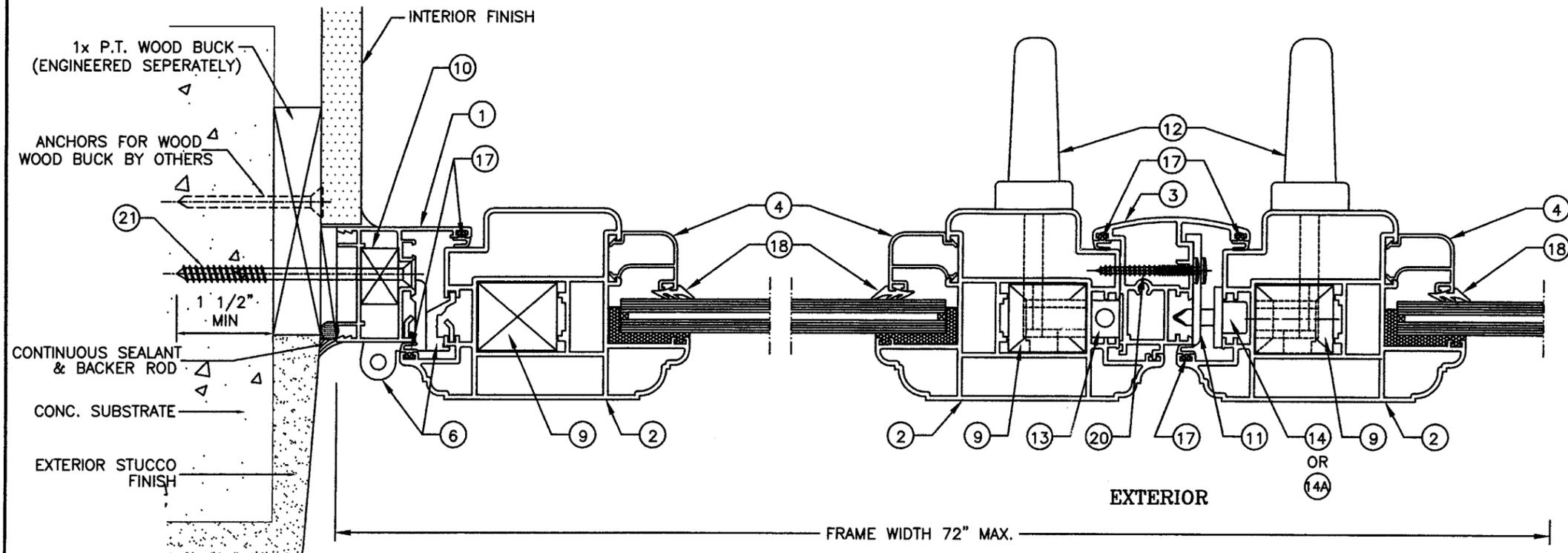
BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE, SUITE 100
FORT LAUDERDALE, FL 33306
DEC 27 2007
WILLIAM D. COOK FL. P.E. #43904
S.I. #2008

PRODUCT:
**SERIES EKU-53
ALUMINUM CASEMENT
WINDOW (HI-LOAD)**

| No. | DATE | DESCRIPTION |
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| DATE: 12/19/2007 | SCALE: AS NOTED | DWG. BY: R.P. | CHK. BY: |
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DRAWING No.:
FIN-B16/06R2
SHEET 2 OF 6

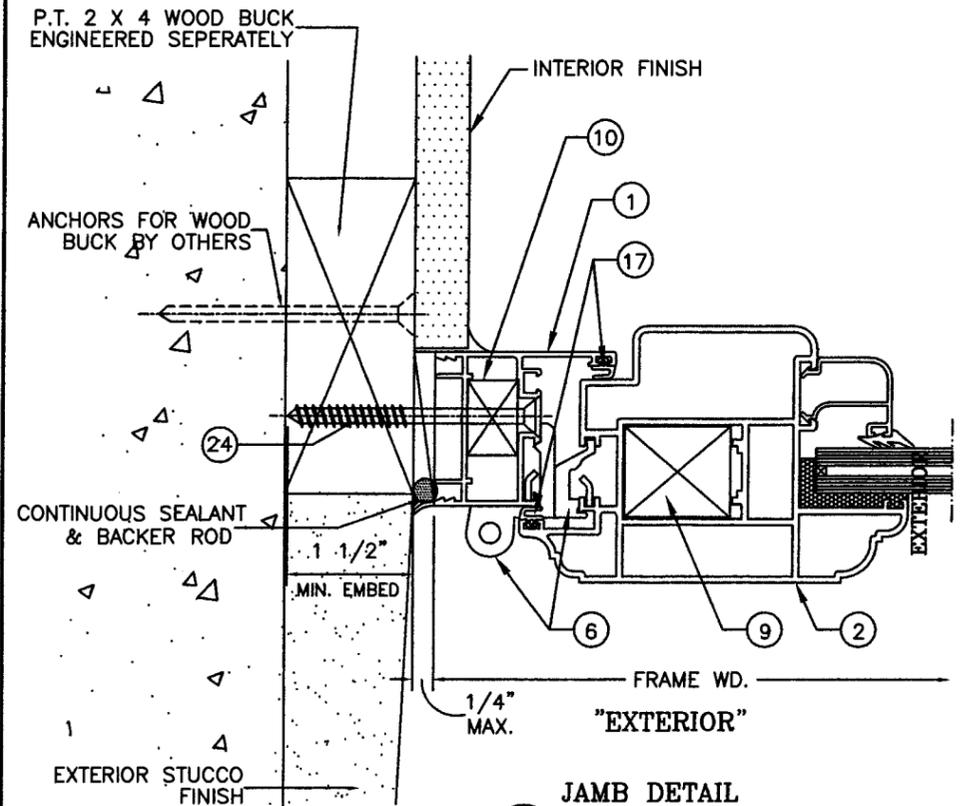


1 JAMB DETAIL
3 (CONC. SUBSTRATE)

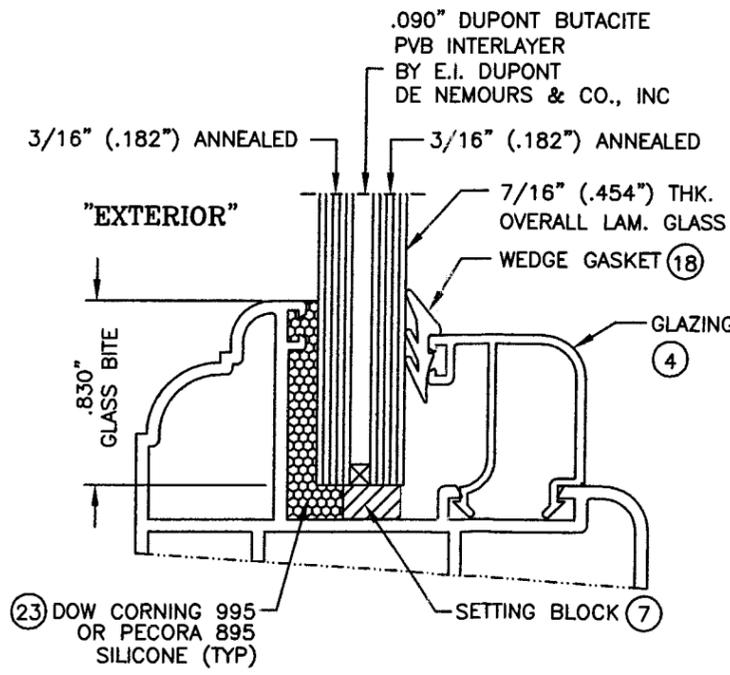
2 ASTRAGAL DETAIL
3

HORIZONTAL SECTION (1/2"=1" SCALE)

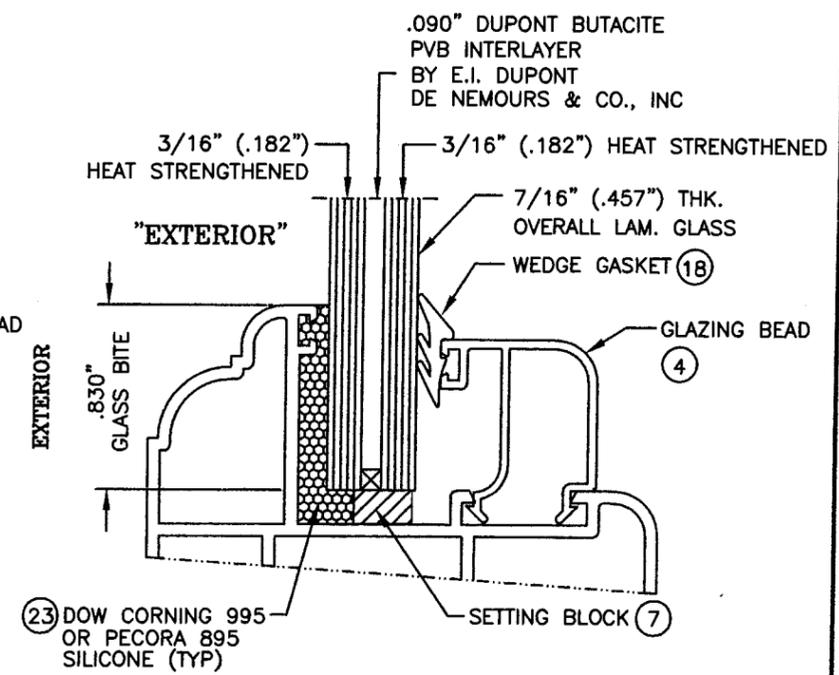
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **08-D11D.10**
Expiration Date **FEB. 27, 2013**
By *Manuel Perez*
Miami State Product Control
Division



1A JAMB DETAIL
3 (WOOD SUBSTRATE)



GLAZING DETAIL G-1
SCALE: FULL SIZE



GLAZING DETAIL G-2
SCALE: FULL SIZE

L.A. FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 N.W. 104 Court
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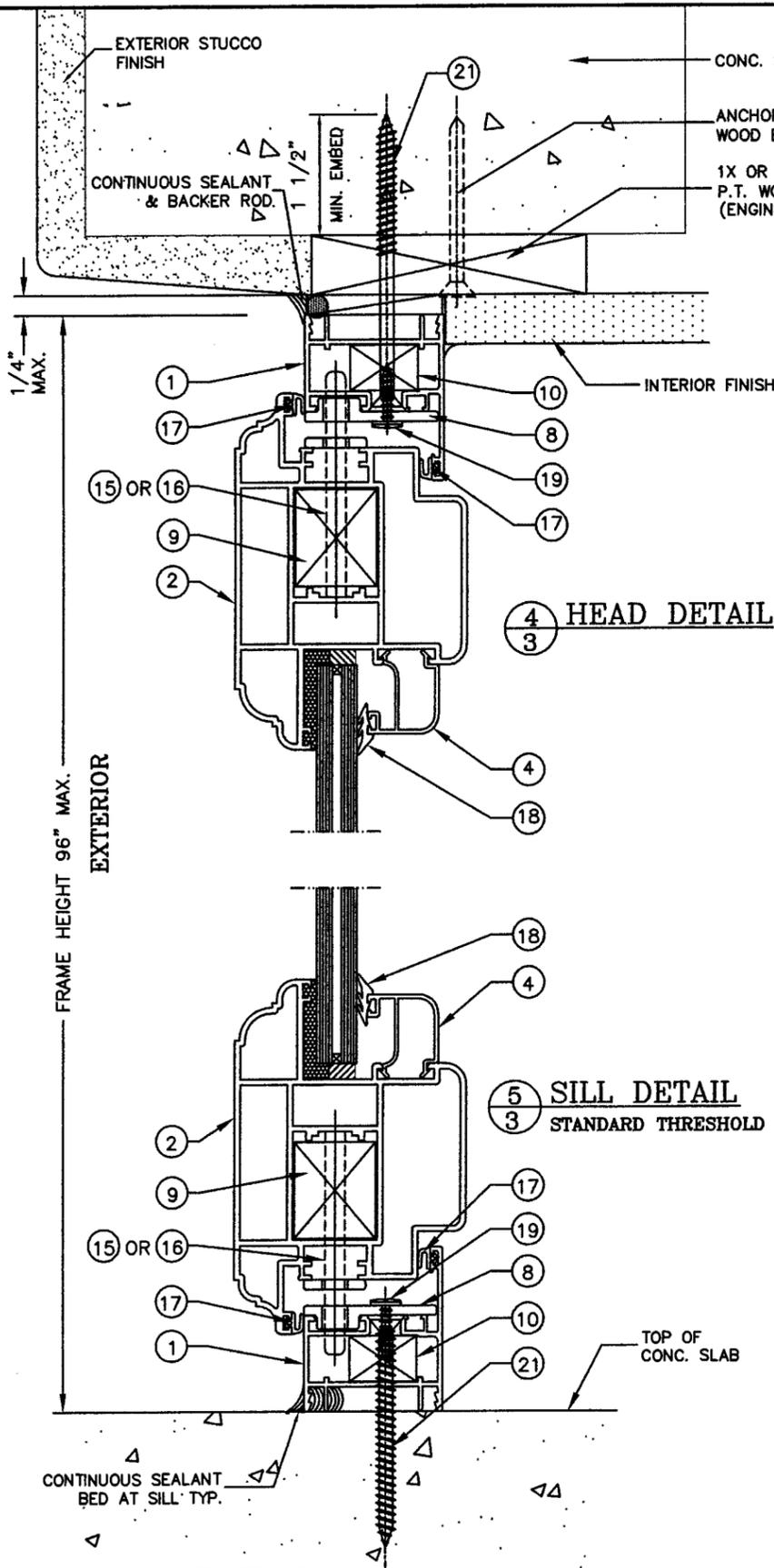
BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FL 33308
DEC 27 2007
WILLIAM D. COOK FL. P.E. #43004
S.I. #2008

PRODUCT:
**SERIES EKV-53
ALUMINUM CASEMENT
WINDOW (HI-LOAD)**

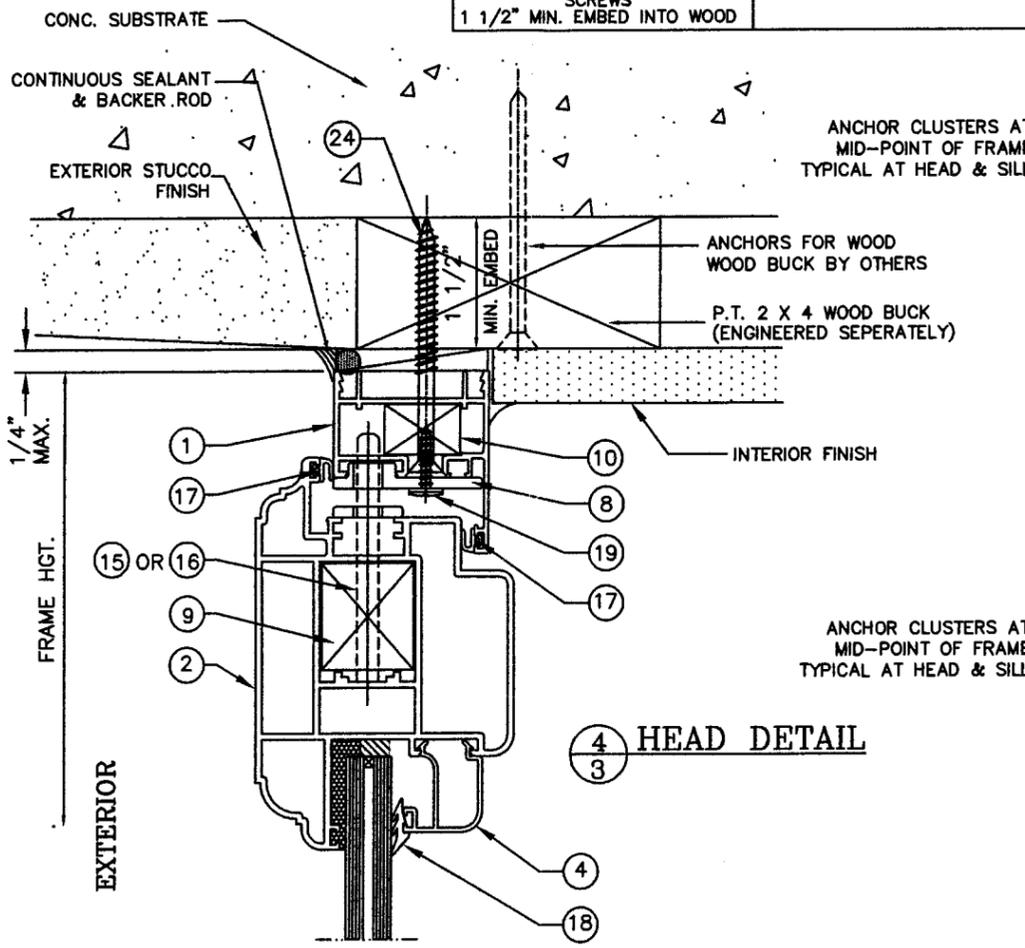
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DATE: 12/19/2007
SCALE: AS NOTED
DWG. BY: R.P.
CHK. BY:

DRAWING No.:
FIN-B16/06R2
SHEET 3 OF 6



VERTICAL SECTION
SCALE: HALF SIZE



ANCHOR CLUSTERS AT MID-POINT OF FRAME TYPICAL AT HEAD & SILL

ANCHOR CLUSTERS AT MID-POINT OF FRAME TYPICAL AT HEAD & SILL

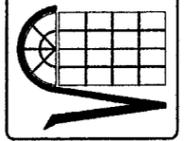
| ANCHOR TYPES | | | |
|---|---|--|--|
| ANCHOR TYPE | SUBSTRATE | MAXIMUM ALLOWABLE ANCHOR SPACING | |
| | | HEAD - SILL | JAMBS |
| 1/4" X REQ'D LENGTH JAPCON OR EQUAL 1 1/2" MIN. EMBED INTO CONC. | CONCRETE (2000 PSI MIN.) CBS (GROUT FILLED) | 7" FROM ENDS BALANCE @ 16 1/2" C/C MAX. | 7" FROM ENDS BALANCE @ 20 1/2" C/C MAX. |
| #14 X REQ'D LENGTH P.H.S.M.S. OR SELF-DRILLING | METAL STRUCTURES A-36 STEEL OR ALUMINUM 1/8" MIN. THICKNESS | 7" FROM ENDS BALANCE @ 16 1/2" C/C MAX. | 7" FROM ENDS BALANCE @ 20 1/2" C/C MAX. |
| #14 X REQ'D LENGTH P.H.S.M.S. OR #14 WOOD SCREWS 1 1/2" MIN. EMBED INTO WOOD | WOOD FRAMING NO.2 S.Y.P. | 7" FROM ENDS & AS PER ANCHOR CAPACITY CHART BELOW | 7" FROM ENDS & AS PER ANCHOR CAPACITY CHART BELOW |

| ANCHOR CAPACITY CHART (CONC. & STEEL) | | |
|--|--|-----------------------------------|
| QTY. ANCHORS AT MID-POINT (CLUSTER) INTO STEEL | QTY. ANCHORS AT MID-POINT (CLUSTER) INTO CONC. | MAXIMUM ALLOWABLE DESIGN PRESSURE |
| 2 | 3 SPACED 2 1/2" APART | ≤ 60 P.S.F. |
| 2 SPACED 2 1/2" APART | 3 SPACED 2 1/2" APART | ≤ 70 P.S.F. |
| 2 SPACED 2 1/2" APART | 3 SPACED 2 1/2" APART | ≤ 80 P.S.F. |
| 2 SPACED 2 1/2" APART | 4 SPACED 2 1/2" APART | ≤ 90 P.S.F. |
| 3 SPACED 2 1/2" APART | 4 SPACED 2 1/2" APART | >90-110 P.S.F. |

| ANCHOR CAPACITY CHART (WOOD SUBSTRATE) | | |
|--|------------------------------------|-----------------------------------|
| QTY. ANCHORS AT MID-POINT (CLUSTER) | ANCHORS AT JAMBS (MAX C/C SPACING) | MAXIMUM ALLOWABLE DESIGN PRESSURE |
| 4 SPACED 2 1/2" APART | 18" C/C | ≤ 60 P.S.F. |
| 5 SPACED 2 1/2" APART | 15" C/C | ≤ 70 P.S.F. |
| 6 SPACED 2 1/2" APART | 13" C/C | ≤ 80 P.S.F. |
| 6 SPACED 2 1/2" APART | 12" C/C | ≤ 90 P.S.F. |
| 7 SPACED 2 1/2" APART | 9" C/C | >90-110 P.S.F. |

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. **08-0110-10**
Expiration Date **FEB. 21, 2013**
By *Manuel Jose*
Miami/Trade Product Control Division

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



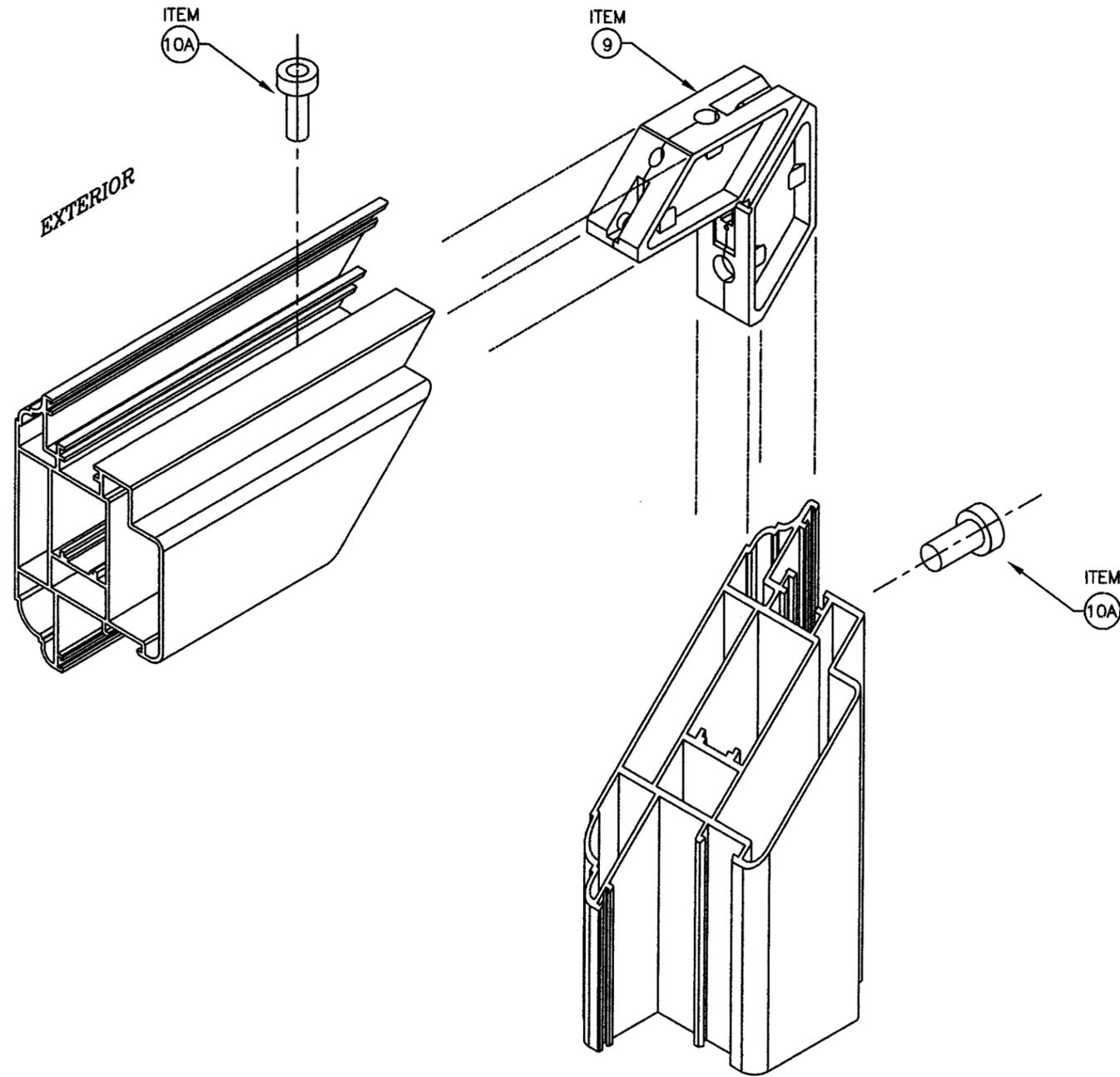
BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
6440 N.W. 33RD AVENUE SUITE 100
PORT LAUDERDALE, FL 33309
DEC 27 2007
WILLIAM D. COOK FL. P.E. #43904
S.I. #2008

PRODUCT:
SERIES EKU-53
ALUMINUM CASEMENT
WINDOW (HI-LOAD)

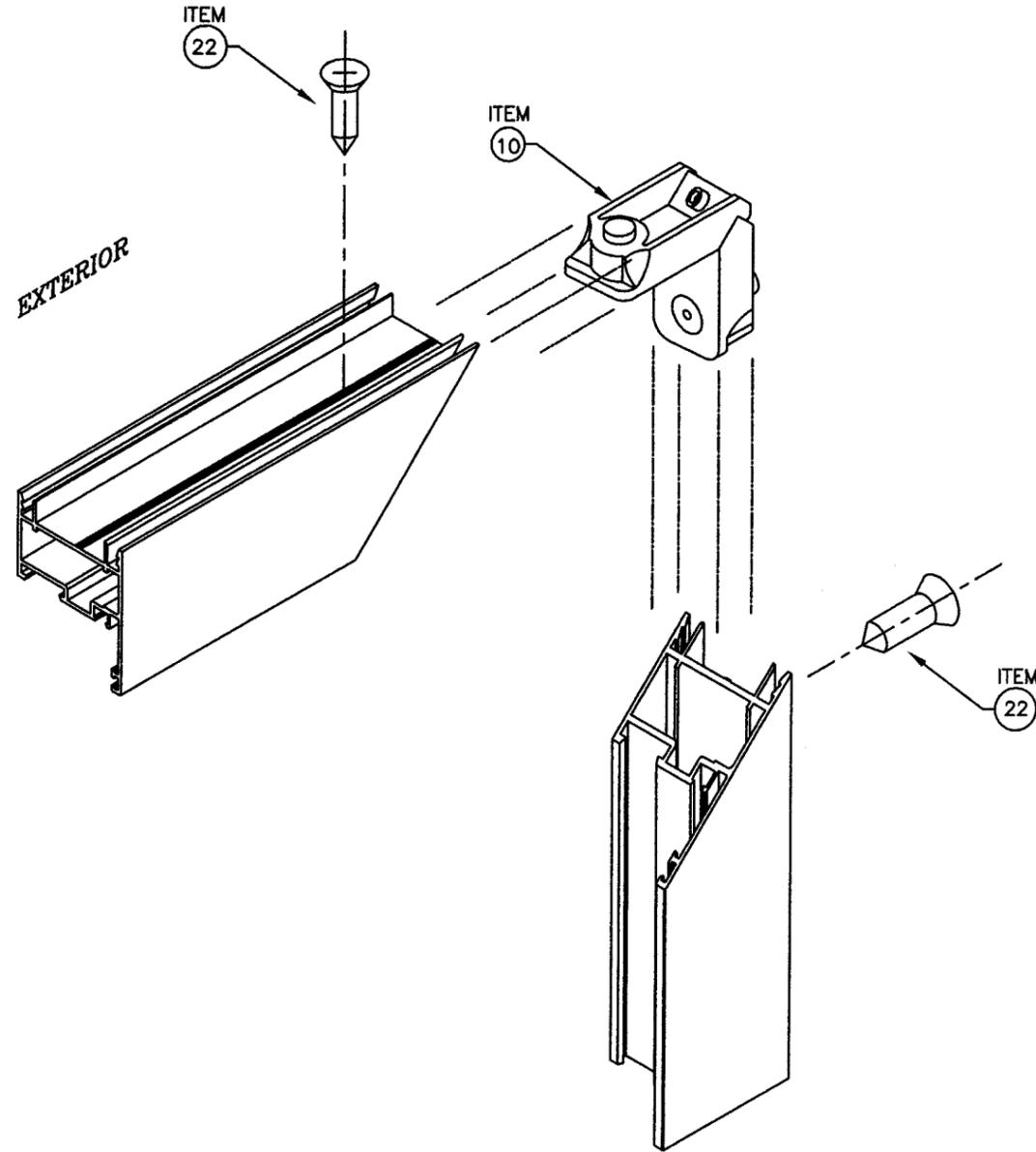
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DATE: 12/19/2007
SCALE: AS NOTED
DWG. BY: R.P.
CHK. BY:

DRAWING No.:
FIN-B16/06R2
SHEET 4 OF 6



DOOR PANEL CORNER DETAIL



DOOR FRAME CORNER DETAIL

PRODUCT REVISION
 as complying with the Florida
 Building Code
 Acceptance No. **08-0110-10**
 Expiration Date **FEB. 21, 2013**
 By *Manuel Perez*
 Miami Trade Product Control
 Division

| REVISIONS | | DATE | BY | DESCRIPTION |
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| DATE: 12/19/2007 | SCALE: AS NOTED | DWG. BY: R.P. | CHK. BY: |
| DRAWING No.: FIN-B16/06R2 | | | |
| SHEET 5 OF 6 | | | |

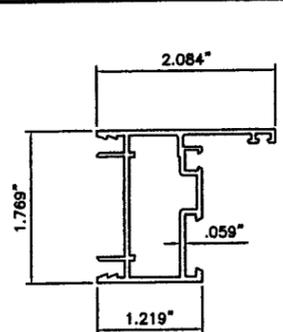
PRODUCT:
SERIES EKU-53
ALUMINUM CASEMENT
WINDOW (HI-LOAD)

BROMLEY-COOK ENGINEERING, INC.
 STRUCTURAL ENGINEERING SERVICES
 6440 N.W. 33RD AVENUE SUITE 100
 FORT LAUDERDALE, FL 33309
DEC 27 2007
WILLIAM V. COOK FL. P.E. #43904
 S.I. #2006

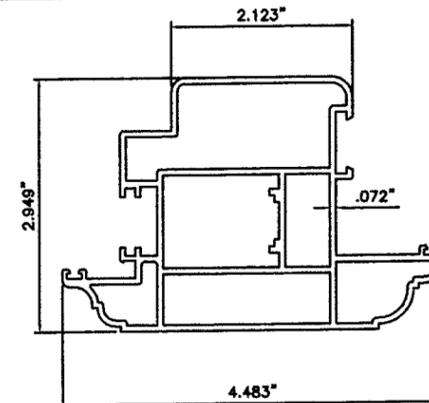
LA FINESTRA, L.C.
 ITALIAN WINDOWS & DOORS
 2790 N.W. 104 Court
 Miami, FL 33172
 Phone (305) 599-8093
 Fax (305) 592-4671

BILL OF MATERIALS

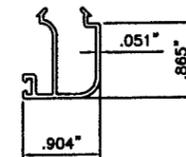
| ITEM | PART No. | QUANTITY | DESCRIPTION | MATERIAL | LOCATION | MANUFACTURER |
|------|------------|---------------------|------------------------------------|-------------------|---------------------------------|-----------------------|
| 1 | 7011 | 4 | FRAME HEAD/JAMB/RESIDENTIAL SILL | AL.AL. -6060-T5 | DOOR FRAME | PROFILATI SpA |
| 2 | Z16012 | 4 | PANEL HEAD/JAMB/SILL | AL.AL. -6060-T5 | DOOR PANEL | PROFILATI SpA |
| 3 | Z16014 | 1 | ASTRAGAL | AL.AL. -6060-T5 | INACTIVE LEAF PANEL JAMB | PROFILATI SpA |
| 4 | 4195 | 4/VENT | GLAZING BEAD | AL.AL. -6060-T5 | PANEL PERIMETER | PROFILATI SpA |
| 5 | 6009 | 1 | COMMERCIAL THRESHOLD | AL.AL. -6060-T5 | FRAME BOTTOM | PROFILATI SpA |
| 6 | 100-120X | 5/VENT | 4" LG. TWO-PIECE HINGE ASSY. | AL.AL. -6060-T5 | PANEL AND FRAME JAMBS | GSG |
| 7 | N/A | 2 EA. LITE OF GLASS | 1/4" X 1/2" X 3" LG. SETTING BLOCK | EXTRUDED SILICONE | ⊙ 6" FROM ENDS | GENERIC |
| 8 | 2509 | 2 | FLUSHBOLT STRIKE PLATE (4" LONG) | AL.AL. -6060-T5 | FLUSHBOLTS (TOP/BOTTOM) | PROFILATI SpA |
| 9 | 0409 | 1 EA. CORNER | PANEL CORNER KEY | CAST ALUMINUM | FRAME CORNERS | MONTICELLI |
| 10 | 5004 | 1 EA. CORNER | FRAME CORNER KEY | CAST ALUMINUM | PANEL CORNERS | MONTICELLI |
| 10A | 0706 | 2 EA. CORNER | .370" DIA. METTALIC PIN | CAST ALUMINUM | FRAME CORNERS | MONTICELLI |
| 11 | Z17173 | 1 | STRIKE PLATE FOR LOCK SYSTEM | AL.AL. -6060-T5 | ASTRAGAL | PROFILATI SpA |
| 12 | SERIES 800 | 1/VENT | OPERATING HANDLE | ALUMINUM | AT EACH PANEL JAMB | PASSINI |
| 13 | 1025 | 1 | TRANSMISSION MOVEMENT DEVISE | ZAMA/S.S. | PANEL JAMB (ASTRAGAL SIDE ONLY) | GSG |
| 14 | AS 6570 | 1/VENT | FIVE POINT LOCK SYSTEM | ZINC/IRON/S.S. | PANEL JAMB | KFV |
| 14A | AGB | 1/VENT | MULTIPLE POINT LOCK SYSTEM | ZINC/IRON/S.S. | PANEL JAMB | AGB |
| 15 | AGB | 2/VENT | FLUSH BOLT | ZINC/IRON/S.S. | PANEL JAMB AT TOP & BOTTOM | GSG |
| 16 | KFV | 2/VENT | FLUSH BOLT (HEAVY DUTY) | STAINLESS STEEL | PANEL JAMB AT TOP & BOTTOM | KFV |
| 17 | 2666 | AS REQ'D. | WEATHERSTRIP GASKET | EPDM | FRAME JAMB/ASTRAGAL/FRAME PANEL | PROFILATI SpA |
| 18 | 2195 | AS REQ'D. | WEDGE GASKET | EPDM | PANEL GLAZING PERIM. (INTERIOR) | PROFILATI SpA |
| 19 | --- | 2/EACH | # 10 x 2 1/2" FH.SMS. (ASSEMBLY) | PLATED STEEL | FLUSHBOLT STRIKE PLATE | --- |
| 20 | --- | SEE ELEV. | # 8 x 1 1/2" FH.SMS. (ASSEMBLY) | PLATED STEEL | ASTRAGAL (SINGLE ROW) | --- |
| 21 | --- | SEE ELEV. | 1/4" DIA. TAPCONS (INSTALLATION) | COATED STEEL | FRAME PERIMETER (SINGLE ROW) | ELCO OR BUILDDEX |
| 22 | --- | 2 EA. CORNER | #14 X 3/4" FH. SMS. (PANEL ASS'Y) | PLATED STEEL | PANEL CORNERS | --- |
| 23 | 895/995 | CONTINUOUS | STRUCTURAL SILICONE | SILICONE | PERIMETER GLASS TO METAL | PECORA OR DOW CORNING |
| 24 | --- | SEE ELEV. | #14 F.H. WD. SCREWS (INSTALLATION) | COATED STEEL | FRAME PERIMETER (SINGLE ROW) | ISC |



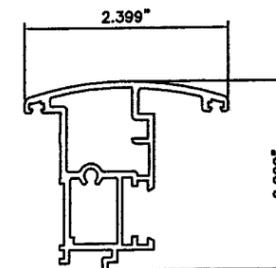
① 7011 - FRAME HEAD-JAMB-SILL



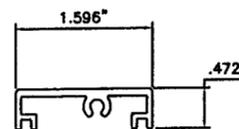
② Z16012 PANEL HEAD/JAMB/SILL



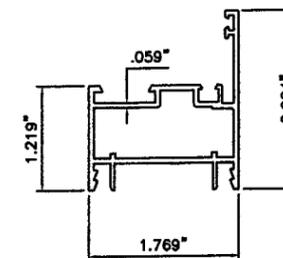
④ 4195 GLAZING BEAD



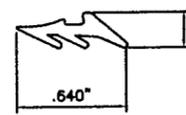
③ Z16014 ASTRAGAL



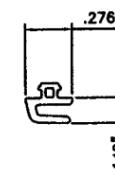
⑤ 6009 COMMERCIAL THRESHOLD



①A 7011 - RESIDENTIAL SILL



⑱ 2195 WEDGE GASKET



⑰ 2666 WEATHERSTRIP GASKET

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **08-0110-10**
Expiration Date **FEB. 21, 2013**
By: *Marcus Perry*
Miami Made Product Control
Division

LA FINESTRA, L.C.
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Phone (305) 599-8093
Fax (305) 592-4671

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FL 33309
DEC 27 2007
WILLIAM J. COOK FL. P.E. #43904
S.I. #2008

PRODUCT:
**SERIES EKV-53
ALUMINUM CASEMENT
WINDOW (HI-LOAD)**

| NO. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
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DATE: 12/19/07
SCALE: AS NOTED
DWG. BY: R.P.
CHK. BY:

DRAWING No.:
FIN-B16/06R2
SHEET 6 OF 6