



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.buildingcodeonline.com

La Finestra, LLC
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 French Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. FIN-B16/05, titled "Series EKU-53 Aluminum Outswing Entrance Door", sheets 1 through 6 of 6, dated Dec 14, 2007 prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E., bearing the Miami-Dade County Product Control Renewal 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 and renews NOA # 05-0725.02 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

NOA No 07-1107.04

Expiration Date: February 27, 2013

Approval Date: January 17, 2008

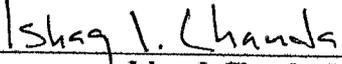
Page 1



12/24/17

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

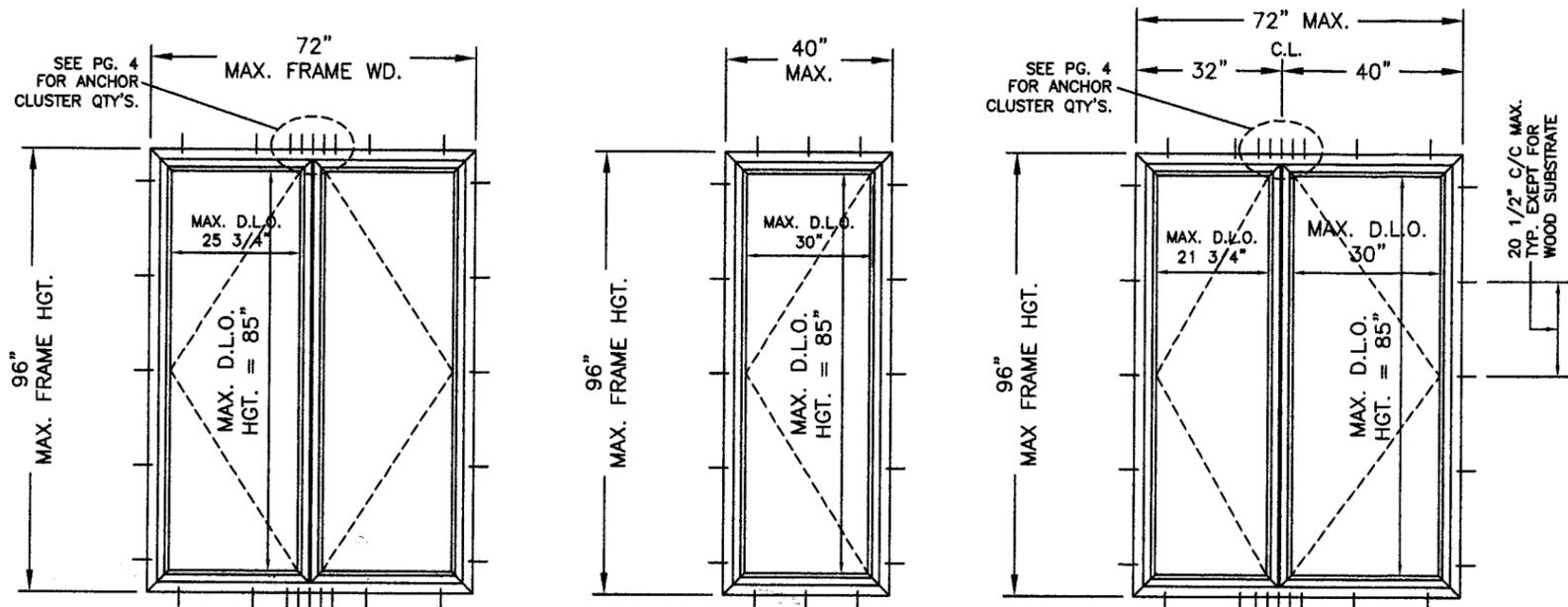
- A. DRAWINGS** (transferred from file # **05-0725.02**)
1. Manufacturer's die drawings and sections.
 2. Drawing No. **FIN-B16/05**, titled "Series EKU-53 Aluminum Outswing Entrance Door", sheets 1 through 6 of 6, dated Dec 14, 2007 prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E.
- B. TESTS** (transferred from file # **05-0725.02**)
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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
5) Small Missile impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- along with marked-up drawings and installation diagram of aluminum outswing doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3881**, dated August 23, 2004, and Test Report No. **FTL-4531**, dated June 1, 2005 both signed and sealed by Edmundo Largaespada, P.E.
- C. CALCULATIONS**
1. Anchor verification calculations and structural analysis complying with FBC-2004, dated 01/10/06 and last revised on Dec 14, 2007, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E.
 2. Glazing complies with ASTM E-1300-98 and ASTM E-1300-02
- D. QUALITY ASSURANCE BY:**
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, for "DuPont Butacite ® PVB", expiring on 12/11/2010
- F. STATEMENTS**
1. Statement letters of conformance and "No financial interest", both dated Dec 14, 2007, signed and sealed by William D. Cook, P.E.
 2. Statement of compliance, issued as part of the above referenced test report issued by Hurricane Testing Laboratory.
- G. OTHER**
1. This NOA revises and renews NOA # **05-0725.02**, expired on February 17, 2008.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 07-1107.04
Expiration Date: February 27, 2013
Approval Date: January 17, 2007

LA FINESTRA, LC

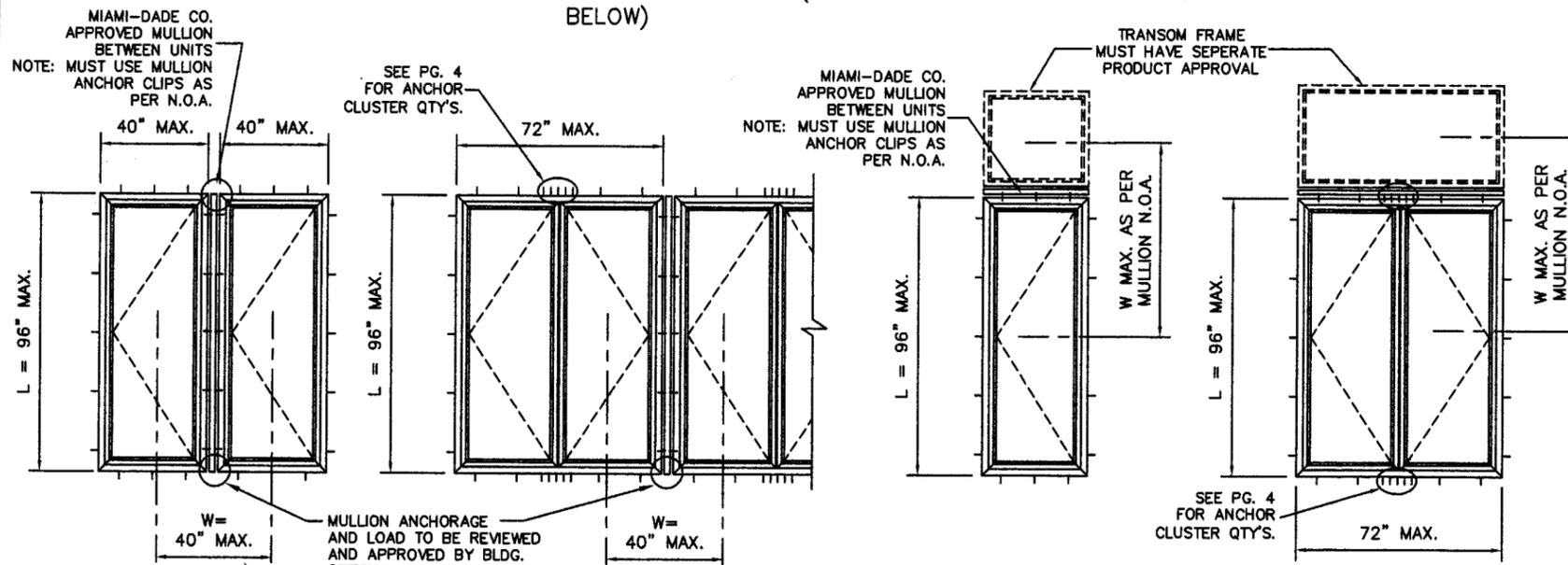
SERIES: EKU 53 OUTSWING ENTRANCE DOOR (HIGH LOAD)



TYPICAL CONFIGURATIONS

MAX. WINDOW SIZES SHOWN

MULTIPLE UNITS STACKED SIDE BY SIDE MUST HAVE APPROVED MULLIONS BETWEEN EACH DOOR FRAME (SEE ALTERNATE CONFIGURATIONS BELOW)



ALTERNATE CONFIGURATIONS

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

GLASS SCHEDULE

LARGE MISSILE IMPACT RESISTANT

GL-1 = 7/16" (.454") LAMINATED
3/16" (.182") ANNEALED - .090" P.V.B.
INTERLAYER (DUPONT BUTACITE)-
3/16" (.182") ANNEALED.

GL-2 = 7/16" (.454") LAMINATED
3/16" HEAT STRENGTHENED - .090" P.V.B.
INTERLAYER (DUPONT BUTACITE)-
3/16" HEAT STRENGTHENED

GLASS CHART

TYPE	MAX. D.L.O.	MAX. DESIGN PRESSURE
GL-1	21 3/4" X 85"	+110.0, -110.0 P.S.F.
	30" X 85"	+98.9, -98.9 P.S.F.
GL-2	30" X 85"	+110.0, -110.0 P.S.F.

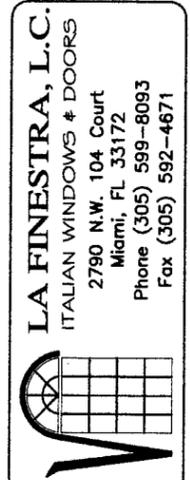
WATER INFILTRATION TEST PRESSURE = 16.5 P.S.F.
WITH STANDARD THRESHOLD ONLY - A.D.A. COMPLIANT
THRESHOLD NOT APPROVED FOR WATER INFILTRATION

NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE AS DESCRIBED IN THE "2004 FLORIDA BUILDING CODE"
2. THIS WINDOW SYSTEM HAS BEEN TESTED, ENGINEERED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN SCHEDULE.
3. 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"
4. BUCK FASTENERS MAY NOT EXCEED 16" O.C. SPACING AROUND OPENINGS.
5. 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.
6. ONE-THIRD INCREASE IN ALLOWABLE MATERIAL STRESS LIMITS FOR SHORT DURATION WIND LOAD NOT USED IN THE DESIGN CALCULATIONS.

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 07-1107-04
Expiration Date FEB 27, 2013

By *Isaac J. Chandel*
Miami Dade Product Control
Division



BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FL 33309
WILLIAM D. COOK FL. P.E. #459804
S.I. #2008
DEC 14 2007

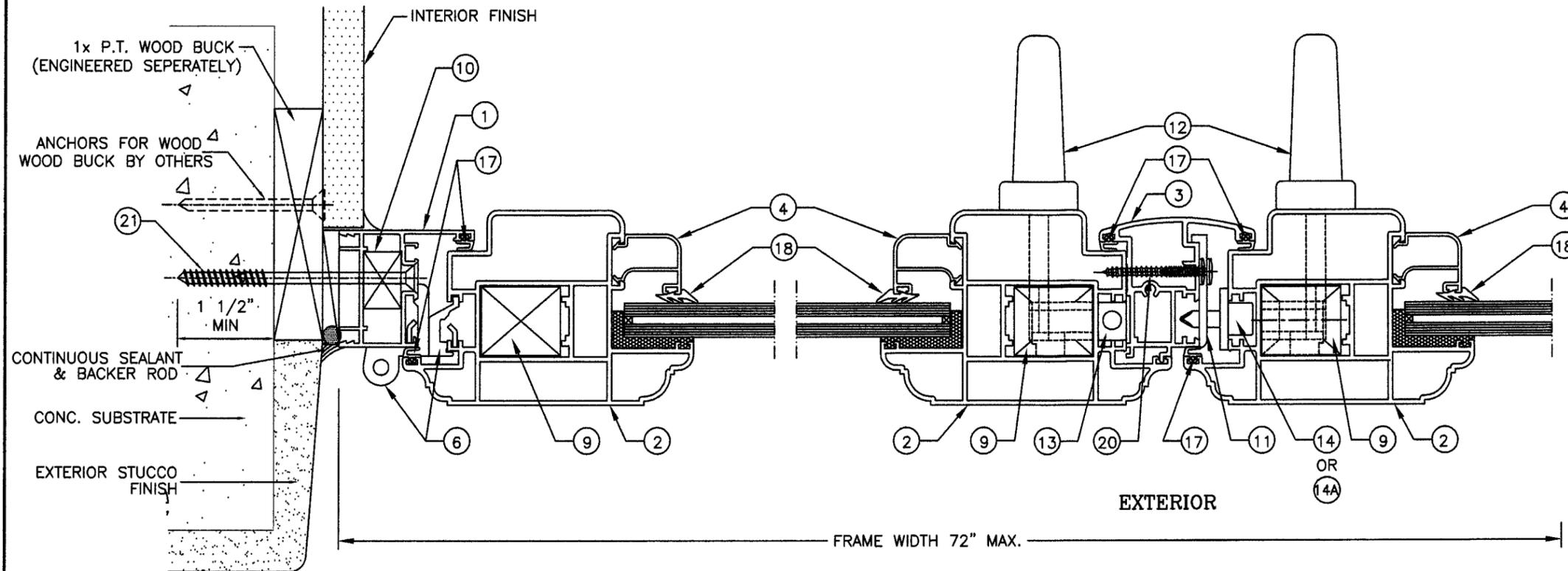
PRODUCT:
SERIES EKU-53
ALUMINUM OUTSWING
ENTRANCE DOOR

NO.	DATE	BY	DESCRIPTION

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

DRAWING No.:
FIN-B16/05R2

SHEET 1 OF 6

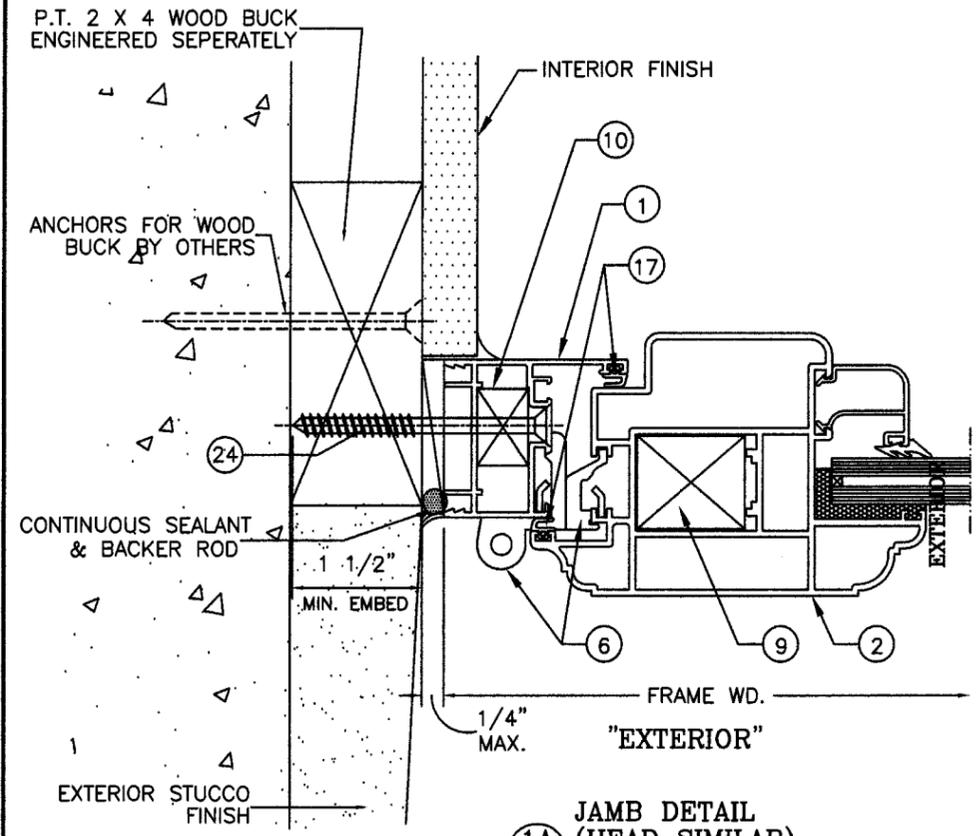


1 JAMB DETAIL
 3 (CONC. SUBSTRATE)

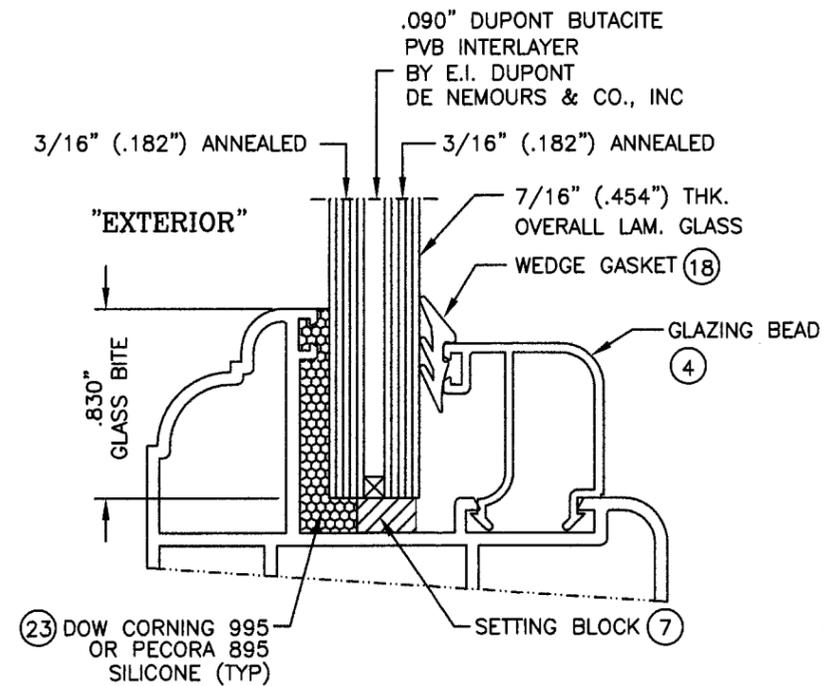
2 ASTRAGAL DETAIL
 3

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

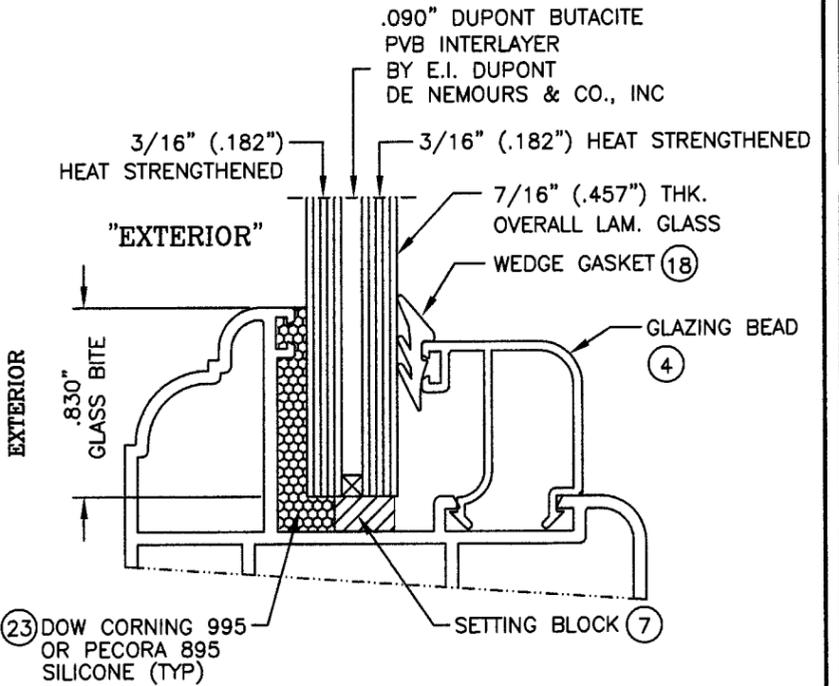
PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 07-1107.04
 Expiration Date FEB 27, 2013
 By *Ishaq I. Khan*
 Miami Dade Product Control
 Division



1A JAMB DETAIL (HEAD SIMILAR)
 3 (WOOD SUBSTRATE)



GLAZING DETAIL G-1
 SCALE: FULL SIZE



GLAZING DETAIL G-2
 SCALE: FULL SIZE

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
 5440 N.W. 33RD AVENUE, SUITE 100
 FORT LAUDERDALE, FL 33309
 DEC 14 2007
 WILLIAM D. COOK FL. P.E. #43904
 S.I. #2008

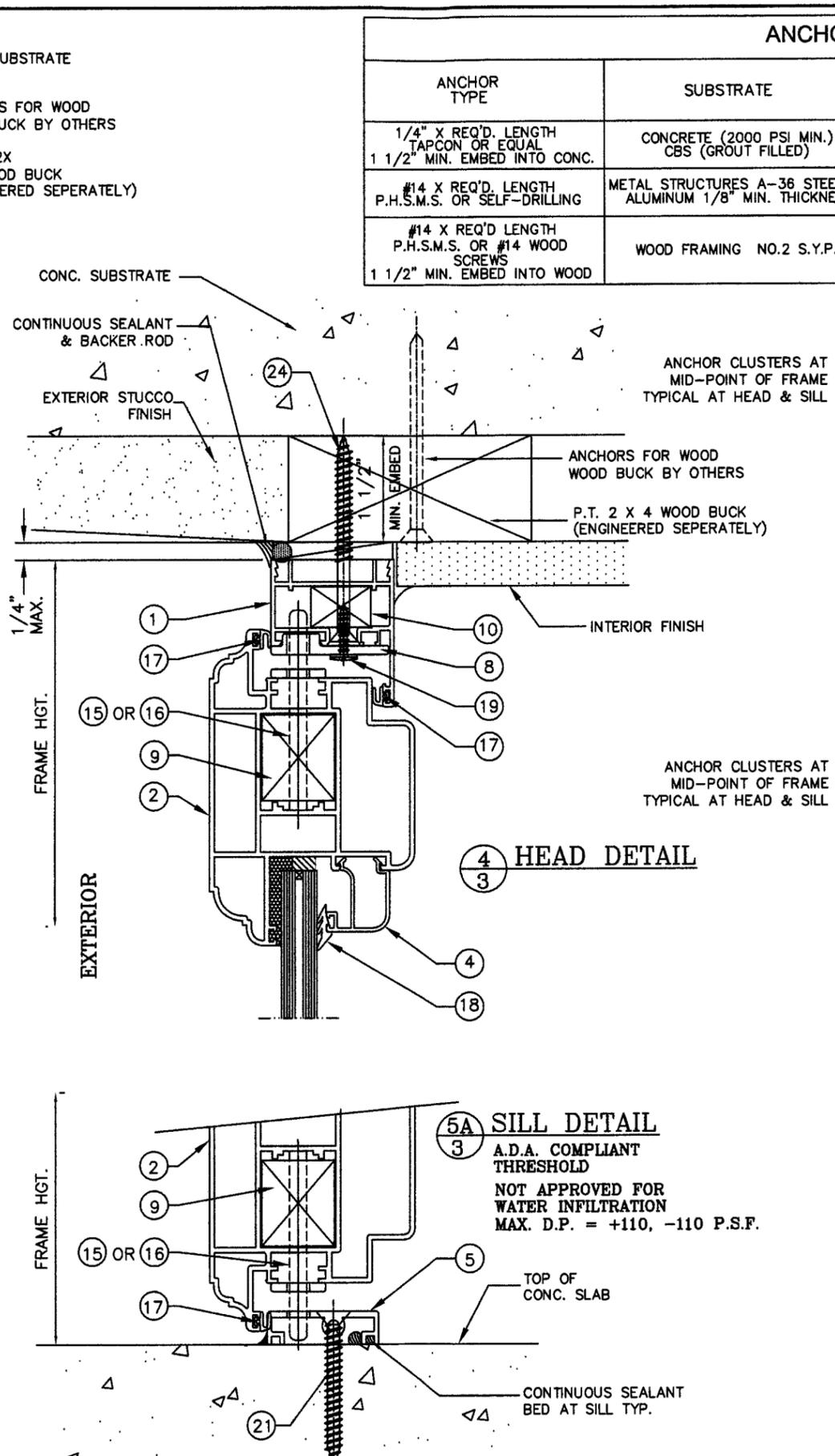
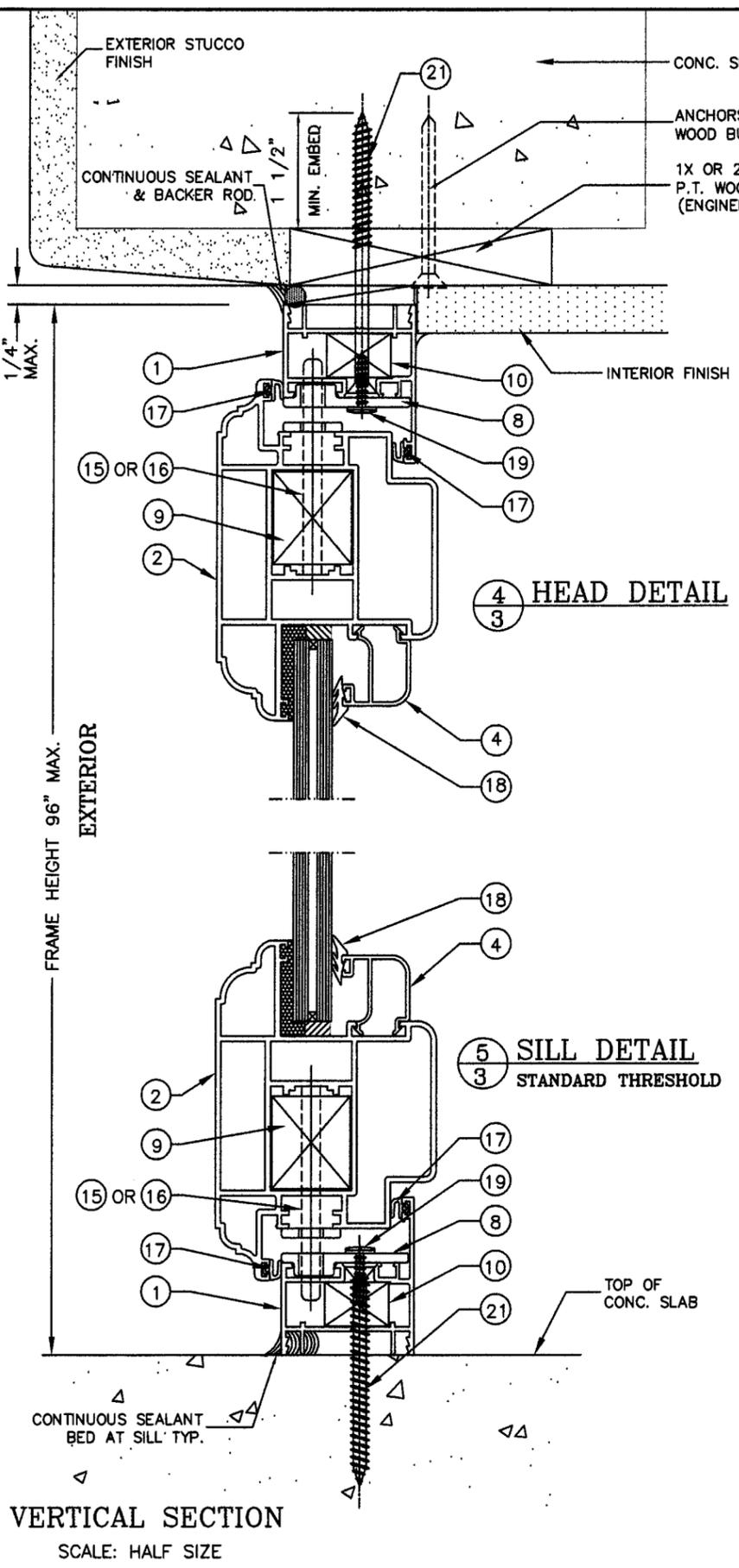
PRODUCT:
**SERIES EKU-53
 ALUMINUM OUTSWING
 ENTRANCE DOOR**

REVISIONS	
No.	DATE BY DESCRIPTION

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

DRAWING No.:
 FIN-B16/05R2

SHEET 3 OF 6



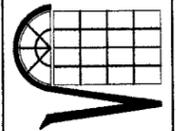
ANCHOR TYPES			
ANCHOR TYPE	SUBSTRATE	MAXIMUM ALLOWABLE ANCHOR SPACING	MAXIMUM ALLOWABLE ANCHOR SPACING
		HEAD - SILL	JAMBS
1/4" X REQ'D LENGTH TAPCON OR EQUAL 1 1/2" MIN. EMBED INTO CONC.	CONCRETE (2000 PSI MIN.) CBS (GROUT FILLED)	7" FROM ENDS BALANCE @ 16 1/2" C/C MAX.	7" FROM ENDS BALANCE @ 20 1/2" 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 RENEWED as complying with the Florida Building Code
 Acceptance No. 07-1107.04
 Expiration Date FEB 27, 2013
 By Ishag I. Chanda
 Miami Dade Product Control Division

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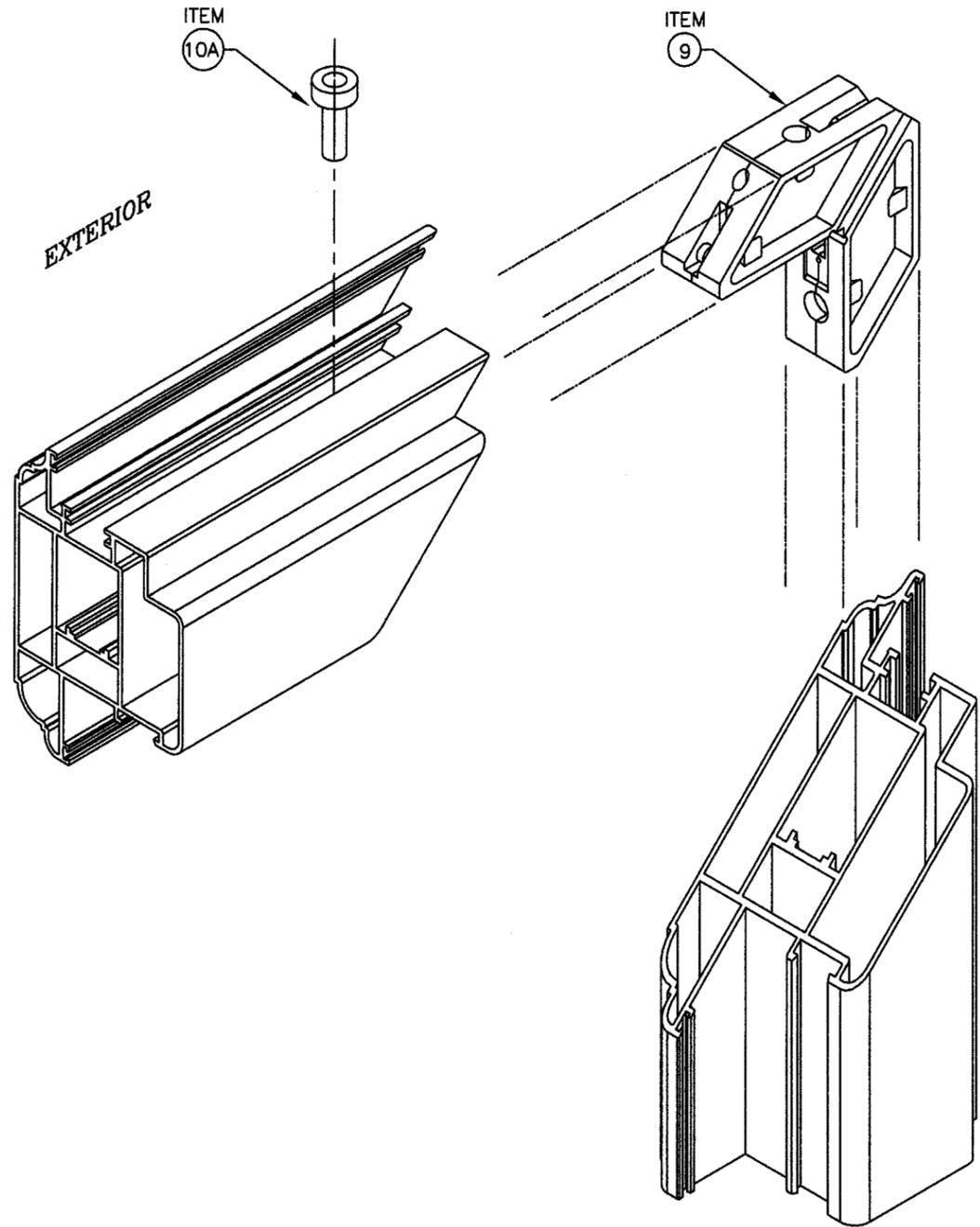


BROMLEY-COOK ENGINEERING, INC.
 STRUCTURAL ENGINEERING SERVICES
 6440 N.W. 43RD AVENUE SUITE 100
 FORT LAUDERDALE, FL 33309
 DEC 14 2007
 WILLIAM D. COOK P.E. #43904
 SL #2008

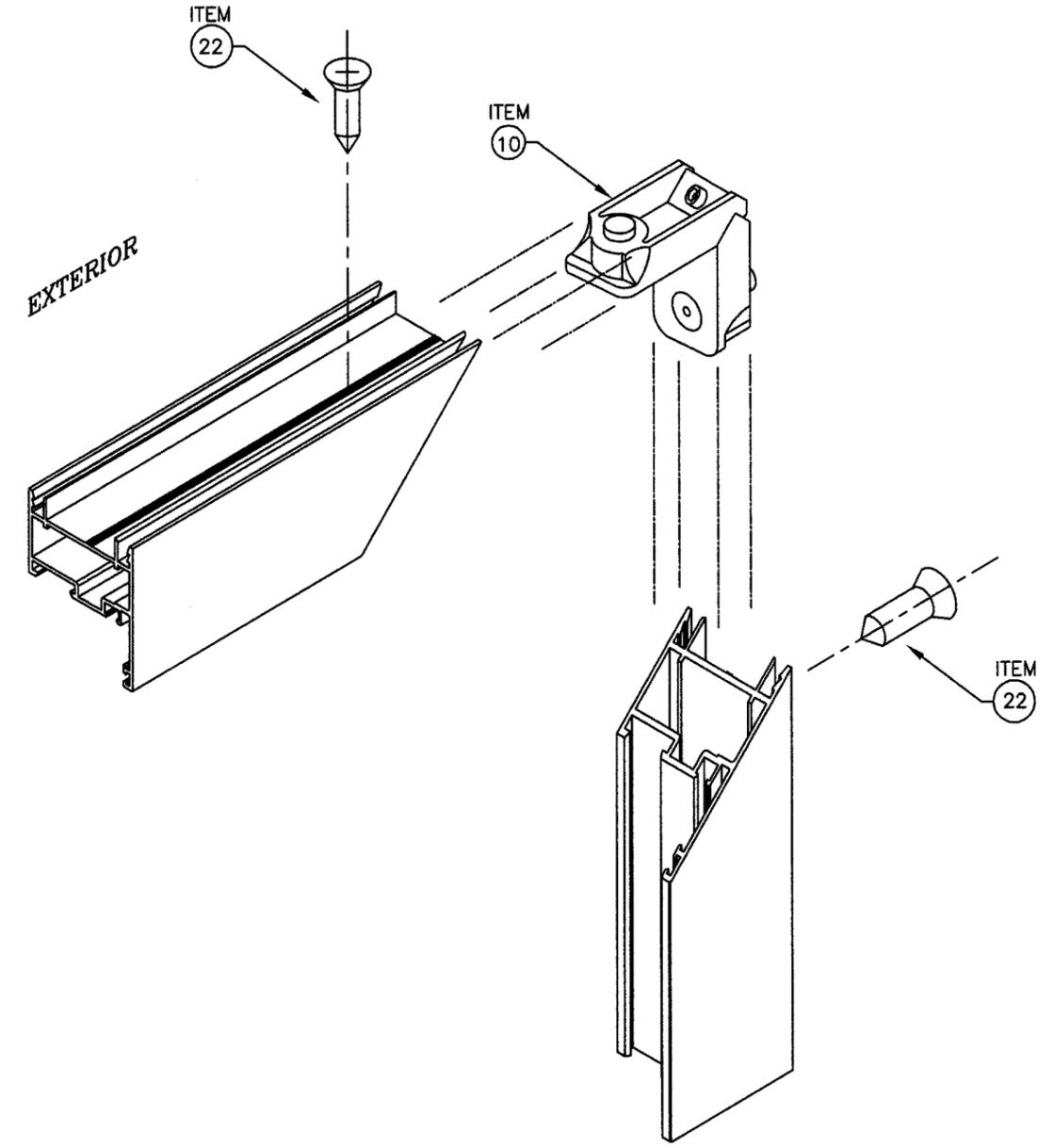
PRODUCT: SERIES EKV-53 ALUMINUM OUTSWING ENTRANCE DOOR

REVISIONS	DATE	BY	DESCRIPTION
No.			

DATE: 12/12/2007
 SCALE: AS NOTED
 DWG. BY: R.P.
 CHK. BY:
 DRAWING No.: FIN-B16/05R2
 SHEET 4 OF 6



DOOR PANEL CORNER DETAIL



DOOR FRAME CORNER DETAIL

PRODUCT REVIEWED
 as complying with the Florida
 Building Code
 Acceptance No. 07-1107.04
 Expiration Date FEB 27, 2013
 By *Ishag I. Lhanda*
 Miami Dade Product Control
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 5440 N.W. 33RD AVENUE SUITE 100
 FORT LAUDERDALE, FL 33309

DEC 14 2007
 WILLIAM J. COOK FL. P.E. #43904
 S.I. #2008

PRODUCT:
 SERIES EKV-53
 ALUMINUM OUTSWING
 ENTRANCE DOOR

REVISIONS	
No.	DESCRIPTION

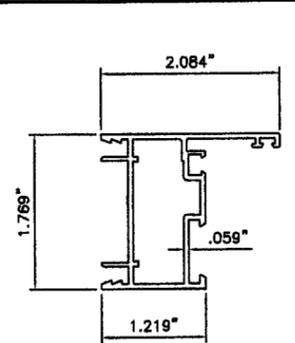
DATE: 12/12/2007
 SCALE: AS NOTED
 DWG. BY: R.P.
 CHK. BY:

DRAWING No.:
 FIN-B16/05R2

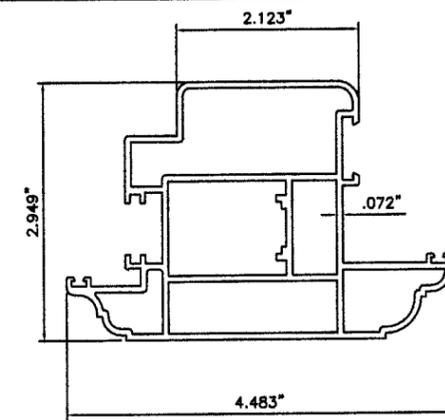
SHEET 5 OF 6

BILL OF MATERIALS

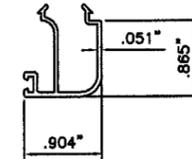
ITEM	PART No.	QUANTITY	DESCRIPTION	MATERIAL	LOCATION	MANUFACTURER
1	7011	4	FRAME HEAD/JAMB/RESIDENTIAL SILL	AL.AL. -6060-T5	DOOR FRAME	PROFILATI SpA
2	Z16012	4	PANEL HEAD/JAMB/SILL	AL.AL. -6060-T5	DOOR PANEL	PROFILATI SpA
3	Z16014	1	ASTRAGAL	AL.AL. -6060-T5	INACTIVE LEAF PANEL JAMB	PROFILATI SpA
4	4195	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 BUILDEX
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



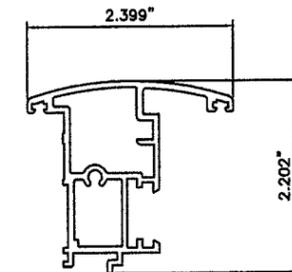
① 7011 - FRAME HEAD-JAMB-SILL



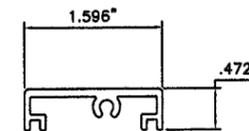
② Z16012 PANEL HEAD/JAMB/SILL



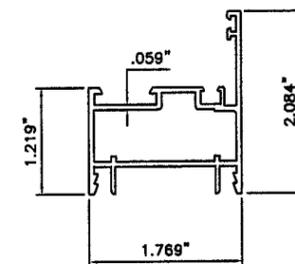
④ 4195 GLAZING BEAD



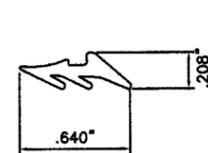
③ Z16014 ASTRAGAL



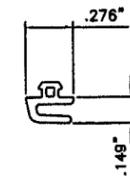
⑤ 6009 COMMERCIAL THRESHOLD



①A 7011 - RESIDENTIAL SILL



⑱ 2195 WEDGE GASKET



⑰ 2666 WEATHERSTRIP GASKET

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-1107-04
Expiration Date FEB 27, 2013
By *Ishag L. Chank*
Miami Dade Product Control
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BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
6440 N.W. 38RD AVENUE SUITE 100
FORT LAUDERDALE, FL 33309
DEC 14 2007
WILLIAM D. COOK FL. P.E. #43904
S.I. #2008

PRODUCT:
**SERIES EKV-53
ALUMINUM OUTSWING
ENTRANCE DOOR**

NO.	DATE	BY	DESCRIPTION

DATE: 12/12/07
SCALE: AS NOTED
DWG. BY: R.P.
CHK. BY:

DRAWING No.:
FIN-B16/05R2