



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  
[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

**NOTICE OF ACCEPTANCE (NOA)**

**Korus USA, Inc.**  
3607 N. 29<sup>th</sup> Avenue  
Hollywood, FL 33020

**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 "KA" Aluminum Outswing French Door-LMI**

**APPROVAL DOCUMENT:** Drawing No. **W08-31**, titled "Series KA Aluminum Outswing French Door", sheets 1 through 6 of 6, dated May 01, 2008, prepared by AL-Farooq Corporation, signed and sealed by Dr. Humayoun Farooq, 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**

**Limitations:**

1. Single or double doors may be mulled with approved clipped mullion or sidelites or transom (under separate approvals), lower design rating shall apply and such installation to be reviewed & approved by AHJ.

**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 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



7/10/18

NOA No 08-0512.17  
Expiration Date: July 03, 2013  
Approval Date: July 03, 2008  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W08-31**, titled "Series KA Aluminum Outswing French Door", sheets 1 through 6 of 6, dtd May 01, 2008, prepared by AL-Farooq Corporation, signed and sealed by Dr. Humayoun Farooq, 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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
  - 5) Large Missile Impact Test per FBC, TAS 201-94
  - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with installation diagram of aluminum outswing door, prepared by Hurricane Testing Lab., Test Report No(s). **HTL- 0458-0606-07**, dated 04/25/08, signed and sealed by Vinu J. Abraham, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, prepared by Al-Farooq Corp., dated May 01, 2008, signed and sealed by Dr. Humayoun Farooq, P.E.
2. Complies with ASTM E1300-98 & -02

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours for "SentryGlasPlus", expiring on 01/14/2012.
2. Notice of Acceptance No. **03-0415.03** issued to "Solutia Inc." for "Vanceva (T.M.), composite interlayer, expiring on 12/11/08.

**F. STATEMENTS**

1. Statement letter of conformance & no financial interest, dated May 01, 2008, signed and sealed by Dr. Humayoun Farooq, P.E.
2. Statement letter of lab compliance, part of above test reports.

**G. OTHER**

1. Test proposal # 04-0210 dated May 17, 2004, approved by BCCO.

*Ishaq I. Chanda*

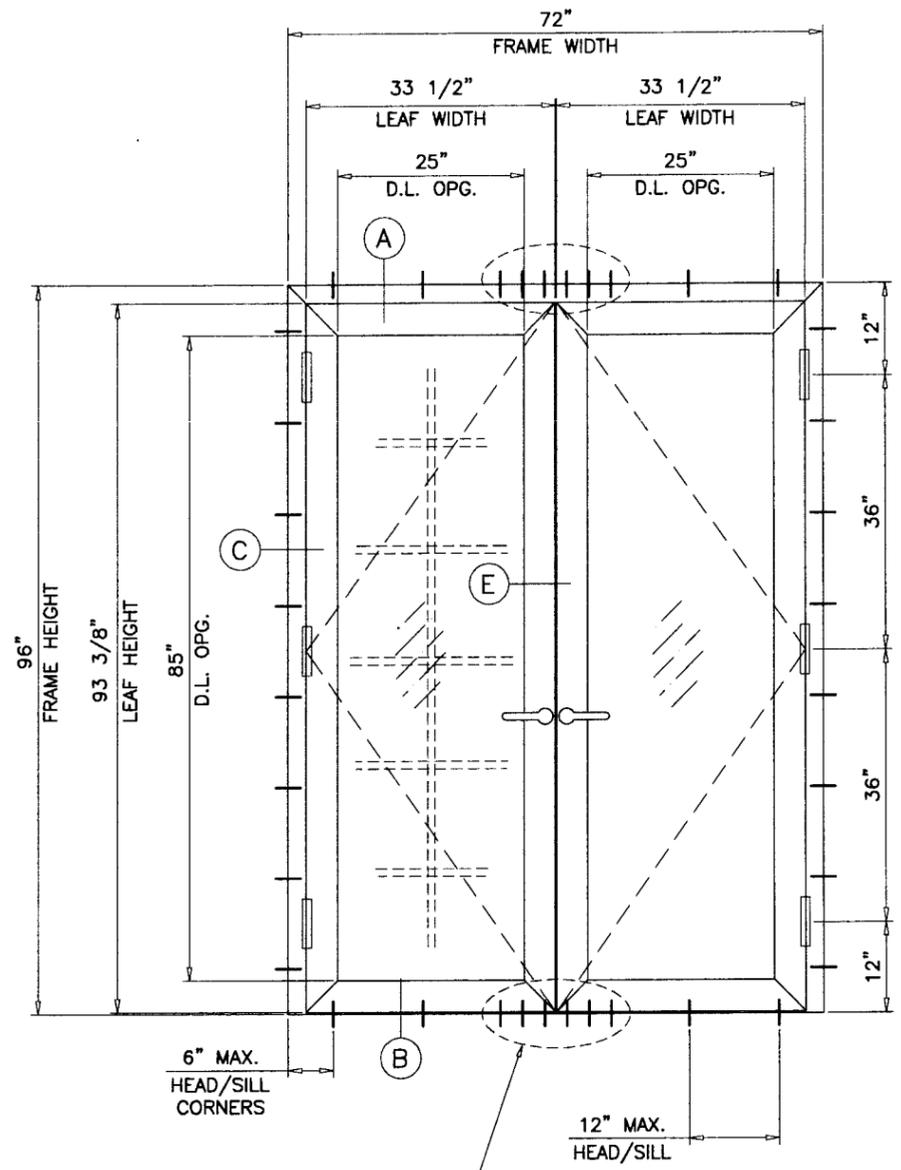
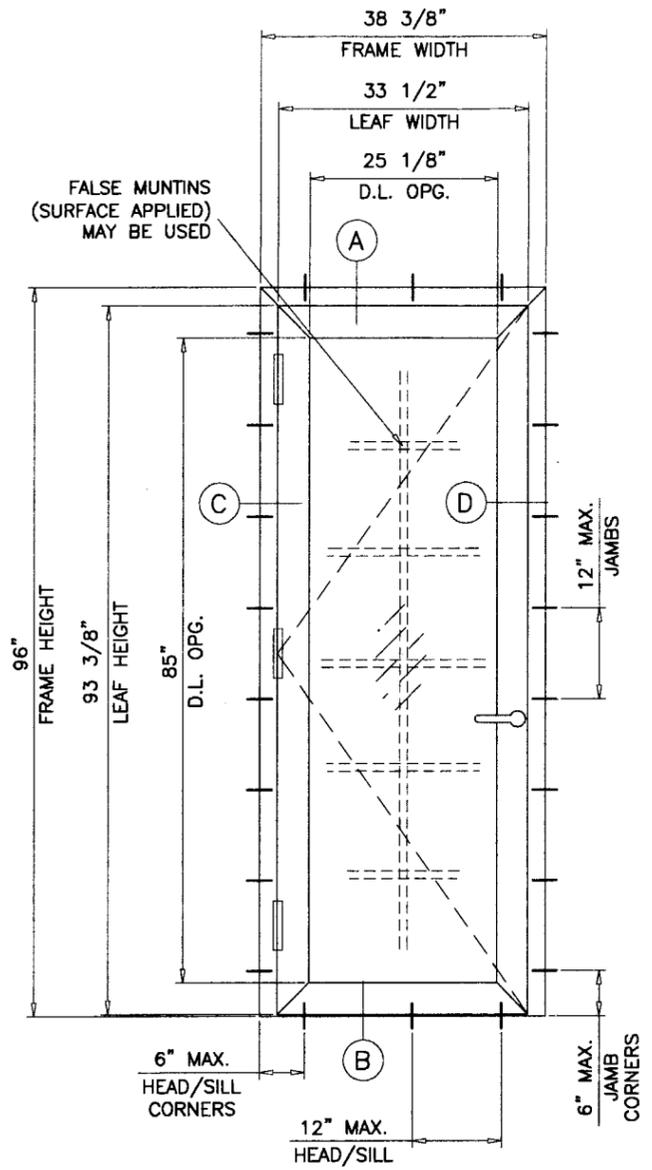
Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 08-0512.17

Expiration Date: July 03, 2013

Approval Date: July 03, 2008



TYPICAL ELEVATIONS

THESE DOORS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

**SERIES KA**  
**ALUMINUM OUTSWING FRENCH DOOR**

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS. ALSO COMBINATION OF DOOR/DOOR OR DOOR WITH MIAMI-DADE COUNTY APPROVED SIDELITES & TRANSOMS BY USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURES FROM DOOR, SIDELITE, TRANSOM OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004/2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.

MAXIMUM DESIGN LOAD RATING = + 75.0 PSF  
(FOR SIZES SHOWN ABOVE OR SMALLER) - 75.0 PSF

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

MAY 01 2008

Approved as complying with the  
Florida Building Code  
Date July 03, 2013  
NOA# 08-0567-10  
Miami Dade Product Control  
Division  
By Shag I. Chanda

NOTE:  
GLASS CAPACITIES ARE BASED ON  
ASTM E1300-02/04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219



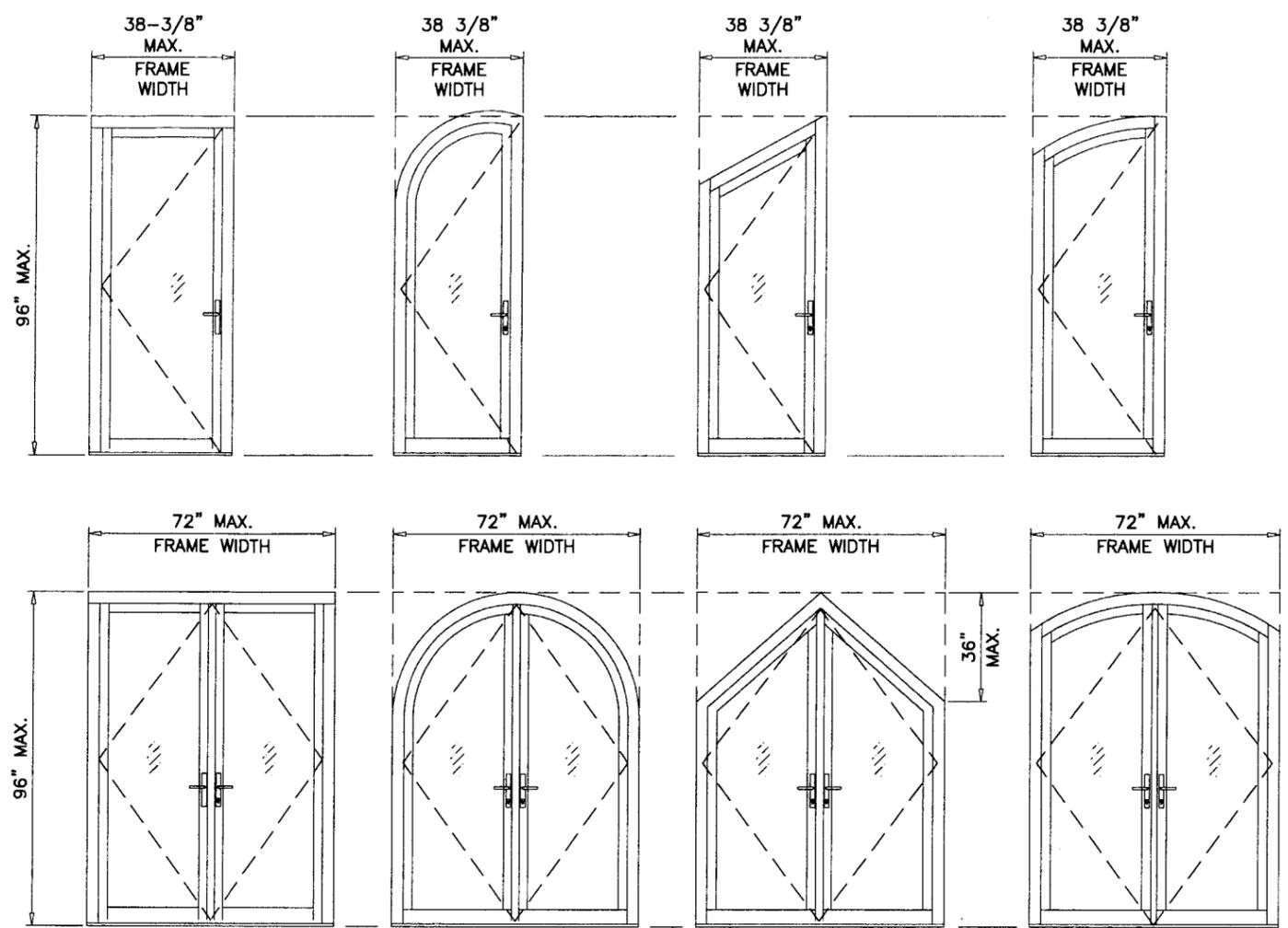
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W08-31KUI

SERIES KA ALUMINUM OUTSWING FRENCH DOOR (L.M.I.)  
**KORUS USA INC.**  
3607 NORTH 29TH AVE.  
HOLLYWOOD, FL. 33020  
TEL. (954) 874-7040 FAX. (954) 874-7049

no	date	by	description

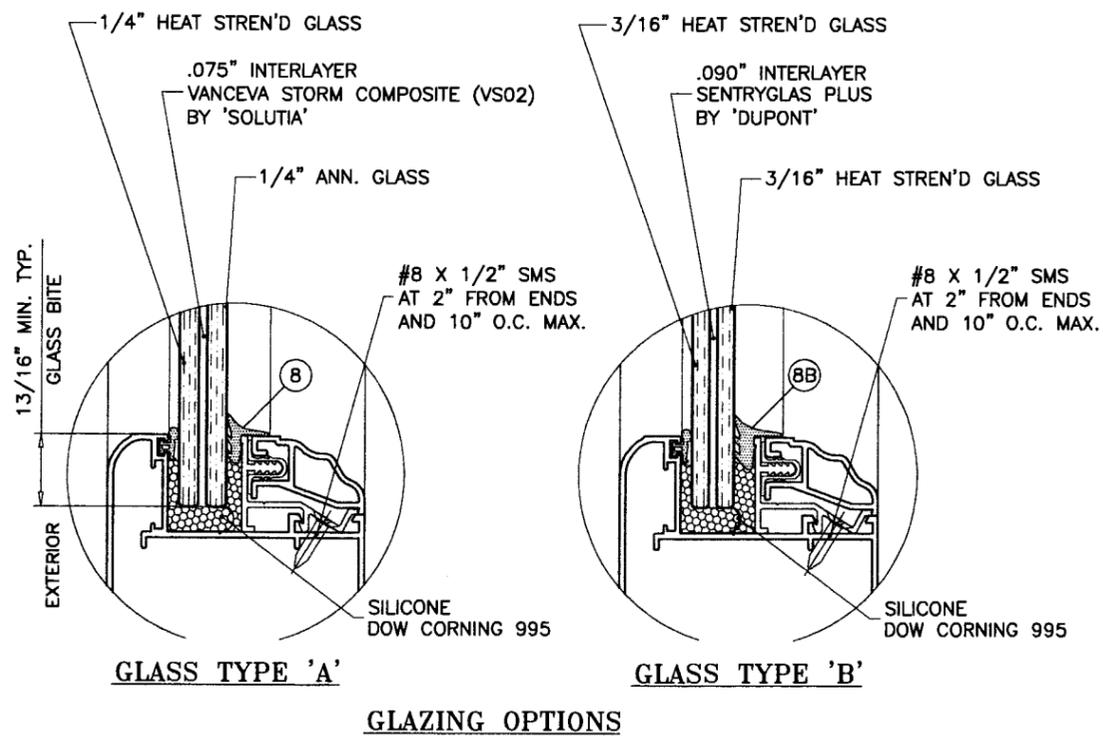
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dr. by: HAMID  
chk. by:

drawing no.  
**W08-31**  
sheet 1 of 6



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING DOOR SHAPE WITHIN RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

**APPROVED CONFIGURATIONS**



**GLAZING OPTIONS**

Engr: DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
 MAY 01 2008

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 NOAH 08-0507-10  
 Miami Dade Product Control  
 Division  
 By *Shaq I. Chande*

no	date	by description

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**W08-31**

sheet 2 of 6

**SEALANTS:**

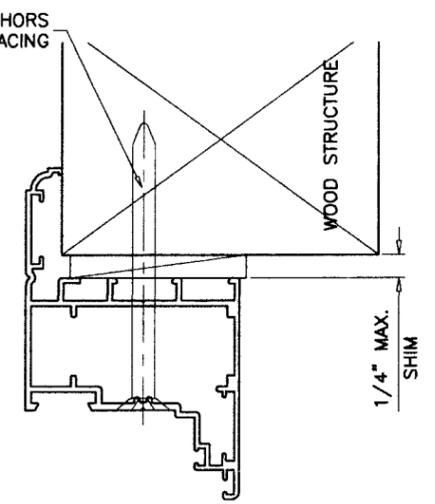
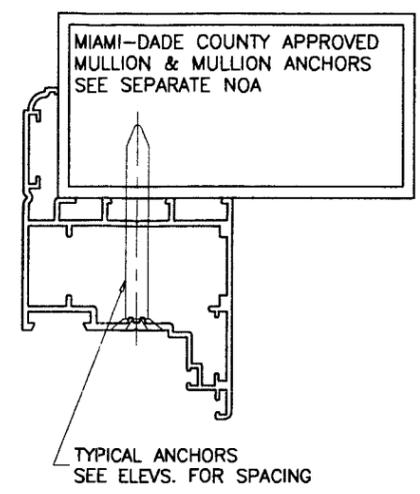
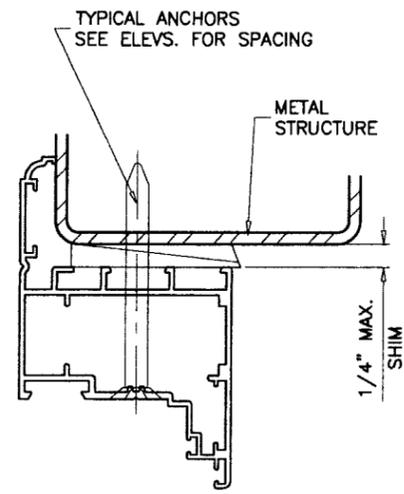
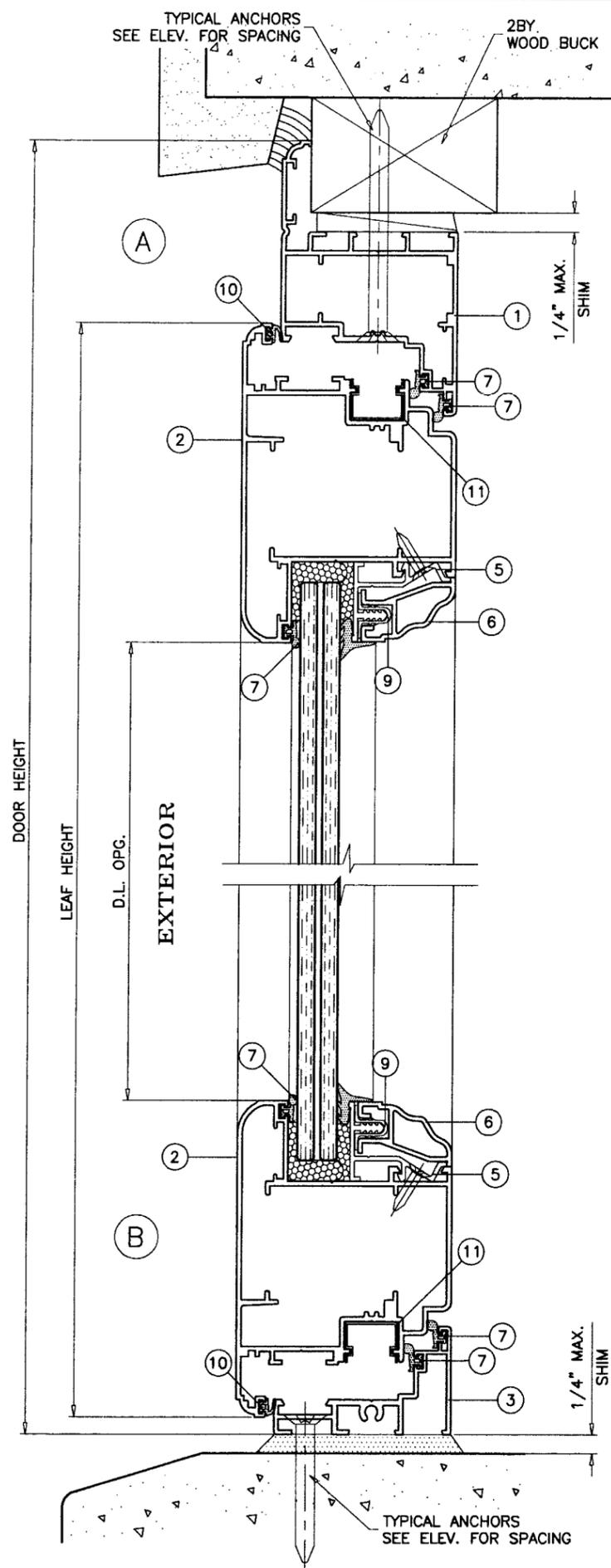
LEAF CORNERS SEALED WITH DOW CORNING 899 SEALANT.

**HINGES:**

(3) PER LEAF EQUALLY SPACED,  
 EACH HASP FASTENED TO LEAF AND FRAME WITH (2) #14 X 3/8" SMS

**LOCKS:**

10 POINT LOCK ASSEMBLY BY SIEGENIA WITH ADJACENT KEEPERS  
 (3) KEEPERS AT HEAD  
 (3) KEEPERS AT SILL  
 (4) KEEPERS AT JAMB  
 EACH KEEPER FASTENED TO FRAME WITH #8 X 5/8" SMS



WOOD BUCKS AND METAL STRUCTURE NOT BY KORUS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**1/4" TAPCONS BY 'ELCO'**

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-3/8" MIN. PENETRATION INTO WOOD DIRECTLY INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONC.

**1/4" DIA. TEKS OR SELF DRILLING SCREWS**

INTO METAL STRUCTURES  
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**#14 SMS OR SELF DRILLING SCREWS**

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090") (NO SHIM SPACE)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 1-1/2" MIN.  
 INTO WOOD STRUCTURE = 3/4" MIN.  
 INTO METAL STRUCTURE = 1/2" MIN.

**SEALANTS:**

VENT CORNERS SEALED WITH DOW CORNING 899 SEALANT.

Eng: DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538

MAY 01 2008

Approved as complying with the Florida Building Code  
 Date: JULY 03, 2013  
 NOA# 08-0512-17  
 Miami Dade Product Control Division  
 By: SHAH I. Chaudhry

**af c**

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W08-31KUI

SERIES KA ALUMINUM OUTSWING FRENCH DOOR (L.M.I.)

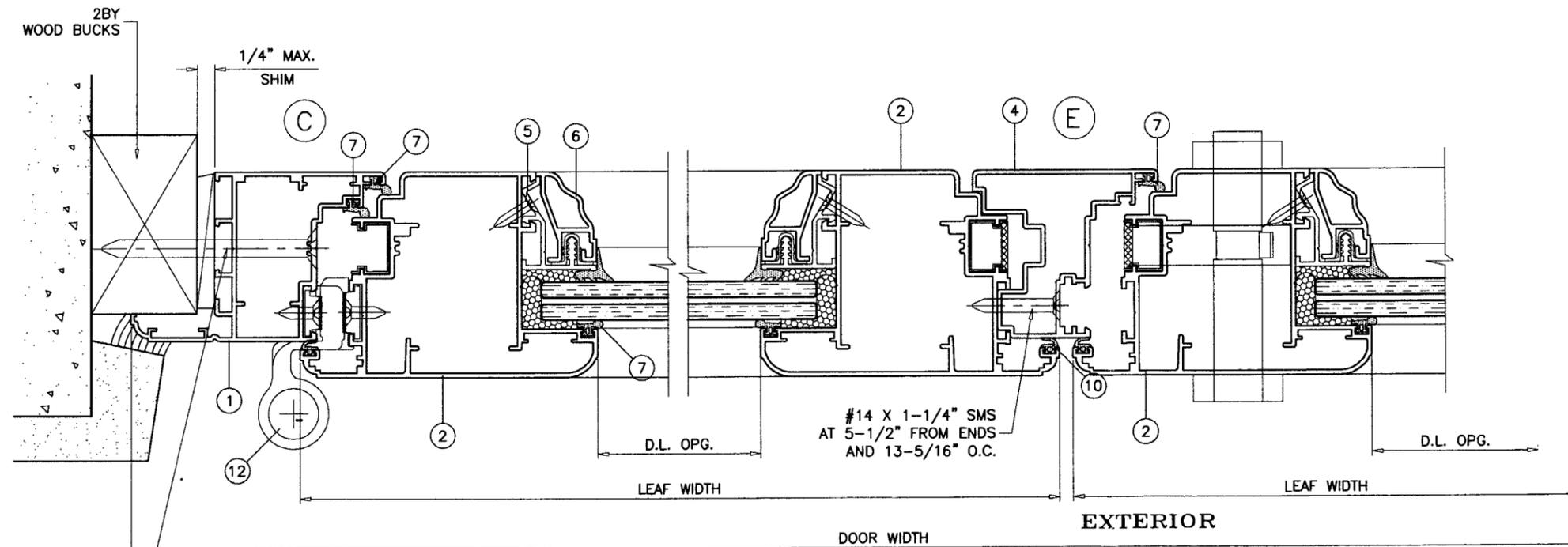
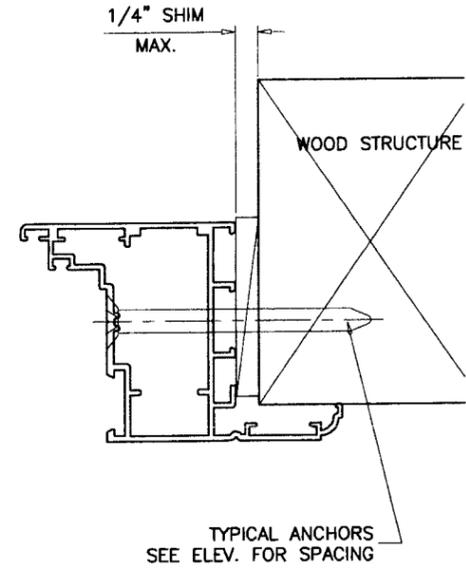
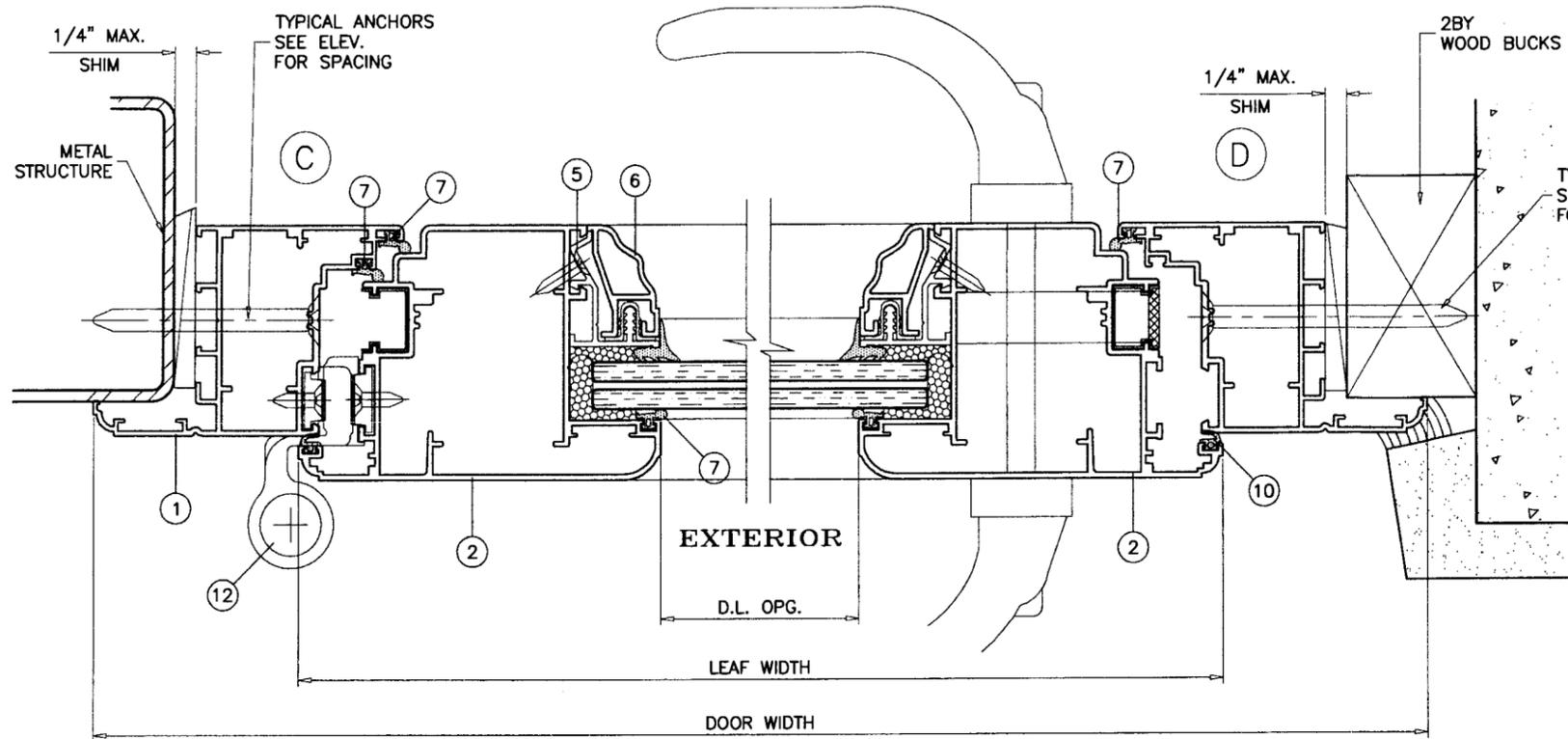
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revisions:	no	date	by	description

date: 03-25-08  
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 dr. by: HAMID  
 chk. by:

drawing no.  
**W08-31**

sheet 3 of 6



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 Division  
 By Shay L. Lhanda

Engr. DR. HUMAYOON FAROOQ  
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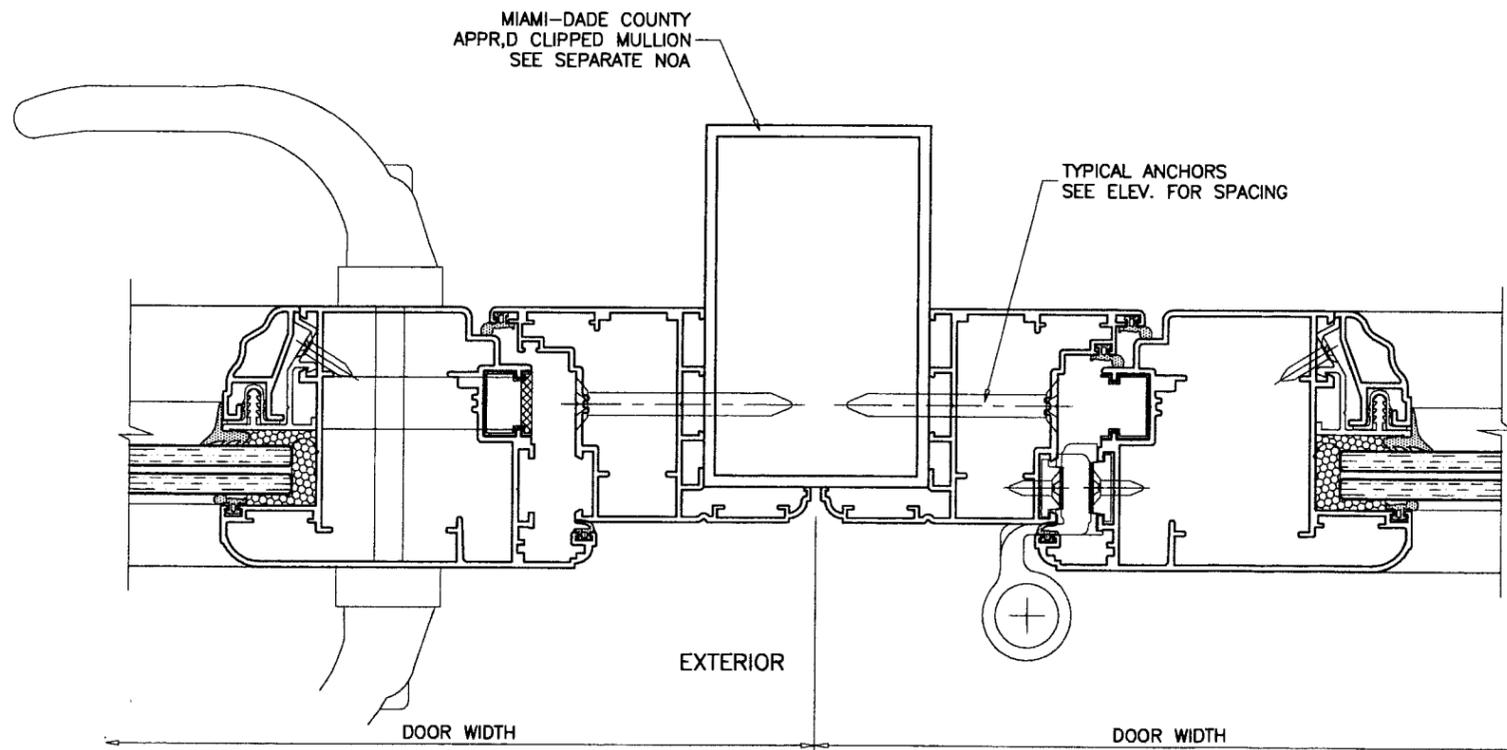
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**W08-31**  
 sheet 4 of 6

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	KA001	4/ DOOR	DOOR FRAME	6060-T5	KORUS
2	KA002	4/ LEAF	LEAF FRAME	6060-T5	KORUS
3	KA008	1	THRESHOLD	6060-T5	KORUS
4	KA003	1	ASTRAGAL	6060-T5	KORUS
5	KA006	4/ LEAF	GLASS STOP	6060-T5	KORUS
6	KA007	AS REQD.	GLASS STOP COVER	6060-T5	KORUS
7	COP8069	4/ LEAF	EXTERIOR GASKET	EPDM	COMPLASTEX
8	COPOUP4W	4/ LEAF	INTERIOR GLAZING GASKET	EPDM	COMPLASTEX
8A	COPOUP5W	4/ LEAF	INTERIOR GLAZING GASKET	EPDM	COMPLASTEX
8B	COPOUP6W	4/ LEAF	INTERIOR GLAZING GASKET	EPDM	COMPLASTEX
9	COP2217	AS REQD.	GLASS STOP HOOK GASKET	EPDM	COMPLASTEX
10	COP02666	AS REQD.	EXTERIOR FRAME GASKET	EPDM	COMPLASTEX
11	ALF7340	AS REQD.	INTERNAL GASKET	EPDM	ALFASOLARE
12	FAP5603A	3/ LEAF	HINGE	CAST ALUM	FAPIM
13	MON5007	AS REQD.	LEAF JOINING BRACKET	CAST ALUM	MONTICELLI
14	MON5002	AS REQD.	FRAME JOINING BRACKET	CAST ALUM	MONTICELLI
15	SIG896068	AS REQD.	CORNER JOINT	STEEL	SIEGENIA
16	PONK20	AS REQD.	ALIGNING BRACKET	PA6	PONTINA STAMPI



Approved as complying with the  
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NOA# 08-0512-07  
Miami Dade Product Control  
Division  
By Isling I. Chanda

Engr. DR. HUMAYOON FAROOQ  
STRUCTURES  
FLA. PE # 18557  
C.A.N. 3538

MAY 01 2008

**af c**  
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sheet 5 of 6

