



**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)**

**Eurotech Industries, Inc.  
250 NE 32 Street  
Ft. Lauderdale, FL 33334**

**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: Aluminum Outswing Entrance Door**

**APPROVAL DOCUMENT:** Drawing No. **W04-01**, titled "Aluminum Outswing Entrance Door -Impact.", sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 01/15/04, signed and sealed by 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**

**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 page E-1, and E-2, as well as approval document mentioned above. The submitted documentation was reviewed by **Theodore Berman, P.E.**

*MB*  
*5/24/2004*



**NOA No 04-0428.03  
Expiration Date: June 10, 2009  
Approval Date: June 10, 2004  
Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE PAGE**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W04-01**, titled "Aluminum Outswing Entrance Door -Impact.", sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 01/15/04, signed and sealed by 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 202-94along with installation diagram of an aluminum outswing door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL- 03-1331**, dated 01/15/04, signed and sealed by Rafael E. Droz-Seda, 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 installation diagram of an aluminum outswing door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL- 03-1365**, dated 01/15/04, signed and sealed by Rafael E. Droz-Seda, 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 installation diagram of an aluminum outswing door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-03-1882**, dated 01/15/04, signed and sealed by Rafael E. Droz-Seda, P.E.
4. Test reports on
  - 1) Large Missile Impact Test per FBC, TAS 201-94
  - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with installation diagram of an aluminum outswing door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-03-1889**, dated 02/03/04, signed and sealed by Rafael E. Droz-Seda, 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 installation diagram of an aluminum outswing door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-03-1890**, dated 02/09/04, signed and sealed by Rafael E. Droz-Seda, P.E.
6. Tensile Test prepared by Hurricane Engineering & Testing, Test No. HETI-04-T100, dated 01/29/04, tested per ASTM E8-01e1, signed and sealed by Rafael E. Droz-Seda, P.E.

  
Theodore Berman, P.E.

Deputy Director, Product Control Division  
NOA No 04-0428.03

Expiration Date: June 10, 2009  
Approval Date: June 10, 2004

**Eurotech Industries, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE PAGE**

**C. CALCULATIONS**

1. Anchor Calculations, ASTM-E 1300, and structural analysis, prepared by AL-Farooq Corporation, dated 02/18/04, signed and sealed by Humayoun Farooq, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **00-1204.01** issued to "E.I. DuPont DeNemours" for "Dupont Sentry Plus" dated 01/14/99 and expiring on 01/14/07.

**F. STATEMENTS**

1. Statement letter of code compliance, dated February 18, 2004 signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated February 18, 2004, signed and sealed by Humayoun Farooq, P.E.

**G. OTHER**

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).



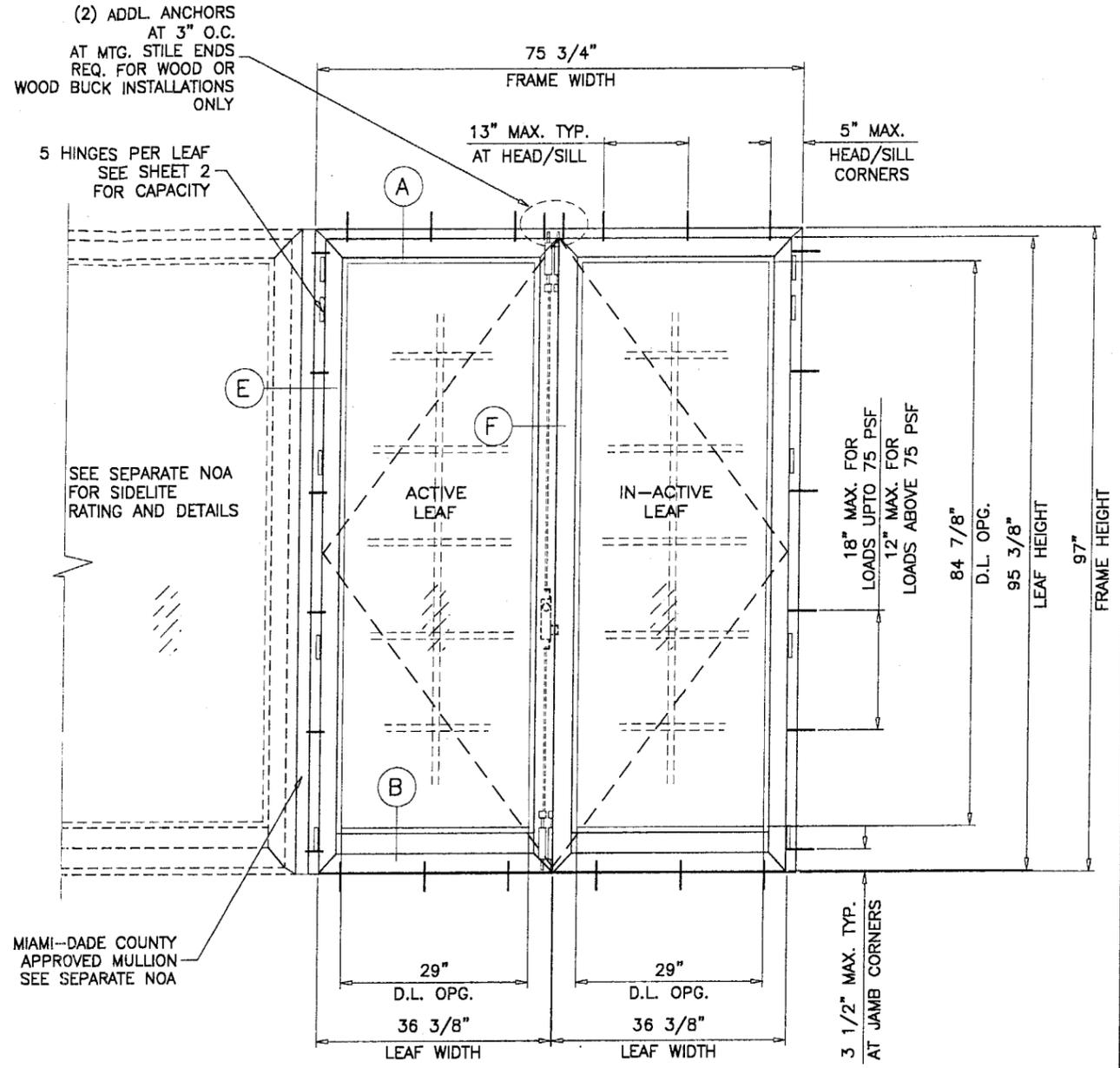
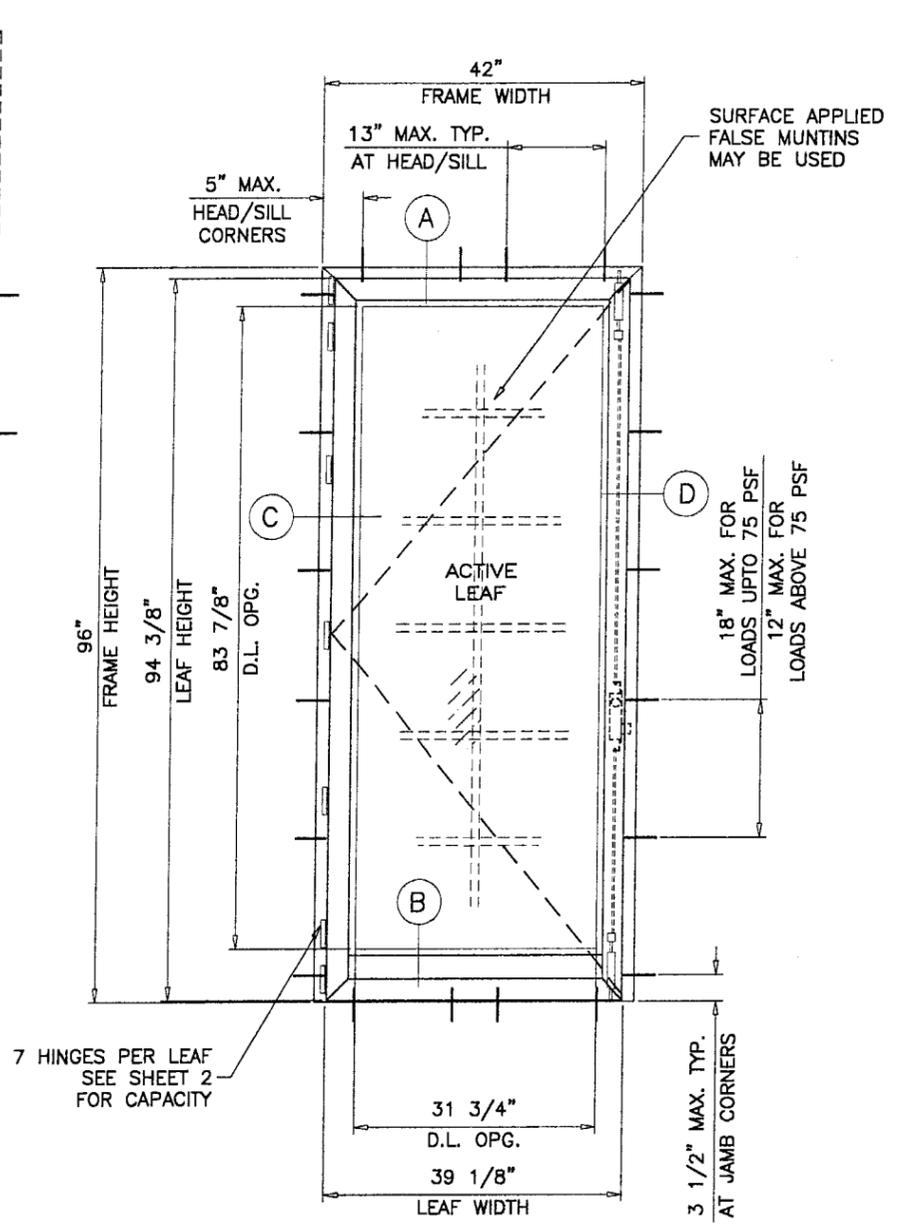
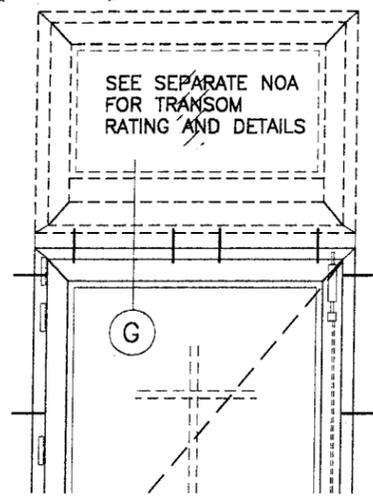
Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 04-0428.03

Expiration Date: June 10, 2009

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TYPICAL ELEVATIONS

**ALUMINUM OUTSWING ENTRANCE DOOR (IMPACT)**

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

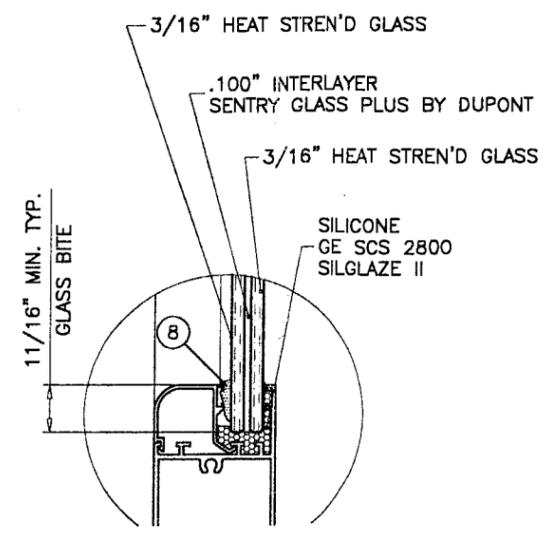
APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS. ALSO DOORS WITH FIXED LITES AT ONE OR BOTH SIDES OF DOORS OR FIXED LITES (TRANSOMS) ABOVE DOORS WITH APPROVED CLIPPED MULLION IN BETWEEN.

THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE.

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

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR 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.



GLAZING DETAIL

Approved as complying with the Florida Building Code  
 Date 06/10/04  
 NOA# 04-0426.03  
 Miami Dade Product Control  
 Division  
 By: *Glenn Geman*

Engr: DR. H. MAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538

APR 05 2004

**afc**

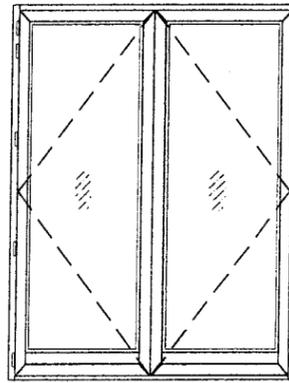
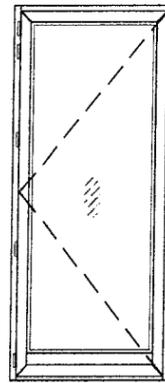
**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-8978  
 COMP-ANL\W04-01EWD

**ALUM OUTSWING ENTRANCE DOOR (IMPACT)**  
**EUROTECH WINDOWS & DOORS**  
 250 N.E. 32nd STREET  
 FT. LAUDERDALE, FL. 33334  
 TEL. (954) 630-9967 TEL. (954) 630-0217

no.	date	description

date: 01-15-04  
 scale: 1/2"=1'-0"  
 dr. by: HAMID  
 chk. by:

drawing no. **W04-01**  
 sheet 1 of 5



**DESIGN LOAD CAPACITY - PSF  
SINGLE (X) DOORS**

DOOR SIZE		HINGE OPTION 1 LOCK OPTION 1		HINGE OPTION 2 LOCK OPTION 2	
WIDTH	HEIGHT	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
2/6	6/8	75.0	75.0	75.0	110.0
3/0		75.0	75.0	75.0	110.0
3/6		-	-	75.0	110.0
2/6	7/0	75.0	75.0	75.0	110.0
3/0		75.0	75.0	75.0	110.0
3/6		-	-	75.0	110.0
2/6	8/0	75.0	75.0	75.0	110.0
3/0		75.0	75.0	75.0	110.0
3/6		-	-	75.0	110.0

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

**DESIGN LOAD CAPACITY - PSF  
DOUBLE (XX) DOORS**

DOOR SIZE		HINGE OPTION 1 LOCK OPTION 3	
WIDTH	HEIGHT	EXT. (+)	INT. (-)
5/0	6/8	75.0	75.0
6/0		75.0	75.0
5/0	7/0	75.0	75.0
6/0		75.0	75.0
5/0	8/0	75.0	75.0
6/0		75.0	75.0

LOADS SHOWN ABOVE ARE FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED.

LIMIT EXTERIOR(+) LOADS TO 48 PSF FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ER006	AS REQD.	DOOR FRAME	6063-T6	-
2	ER012	AS REQD.	DOOR LEAF	6063-T6	-
3	VZ1566	1/ LEAF	DOOR BASE BOARD	6063-T6	-
4	VZ-1483	1/ DOOR	FRAME SILL	6063-T6	-
5	-	1/ DOOR	SILL BASE	6063-T6	-
6	VZ-1481	AS REQD.	ASTRAGAL STILE	6063-T6	-
7	VZ-1535	4/ LEAF	GLAZING BEAD	6063-T6	-
8	2801	AS REQD.	GLAZING GASKET	VINYL	-
9	-	-	-	-	-
10	1001/50	1/ CORNER	CORNER KEY	ALUMINUM	MONTICELLO
11	00600X	4/ LEAF	HINGES	ALUMINUM	GIESSE
12	#10 X 3/8"	4/ HINGE	HINGE INSTALLATION SCREWS	-	PH MACHINE SCREWS
13	-	AS REQD.	BULB W'STRIPPING	-	-
14	-	-	-	-	-
15	#12 X 1-1/4	-	FRAME ASSEMBLY SCREWS	-	SMS
16	-	AS REQD.	STRIKE PLATE REINFORCING	STEEL	1-1/4" X 1/4" X 16-1/4" LONG

**LOCK OPTIONS SINGLE DOORS:**

**OPTION #1:**

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP AND BOTTOM OF ACTIVE LEAF PART #02181 ATTACHED WITH (4) #8 X 1-1/2" SMS.

3 POINT LOCK SYSTEM AT ACTIVE LOCK STILE 36" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR.

**OPTION #2:**

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP AND BOTTOM OF ACTIVE LEAF PART #02181 ATTACHED WITH (4) #8 X 1-1/2" SMS.

3 POINT LOCK SYSTEM AT ACTIVE LOCK STILE 36" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR.

STRIKE PLATE REINFORCED WITH STEEL BAR 1-1/4" X 1/4" X 16-1/4" LONG ATTACHED WITH (2) #8 X 3/4" SMS

**LOCK OPTIONS DOUBLE DOORS:**

**OPTION #3:**

**ACTIVE LEAF:**

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP AND BOTTOM OF ACTIVE LEAF PART #02181 ATTACHED WITH (4) #8 X 1-1/2" SMS.

3 POINT LOCK SYSTEM AT ACTIVE LOCK STILE 36" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR.

**INACTIVE LEAF**

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP AND BOTTOM OF INACTIVE LEAF PART #02188 ATTACHED WITH (4) #8 X 1-1/2" SMS.

**HINGE OPTIONS:**

**OPTION #1:**

TWO-HANDED COMB HING EXTRUDED ALUMINUM BRIDGE 2 BY 'GIESSE' (5) PER LEAF AT 6", 12", 35", 63-1/2" AND 92-1/2" FROM TOP OF DOOR

**OPTION #2:**

TWO-HANDED COMB HING EXTRUDED ALUMINUM BRIDGE 2 BY 'GIESSE' (7) PER LEAF AT 3", 9" AND 26-3/8" FROM TOP AND BOTTOM, ONE AT MIDSPAN (6) RETAINING PINS LOCATED ABOVE AND BELOW 2ND, 4TH AND 6TH HINGE FROM BOTTOM.

SEE CHARTS ABOVE FOR DESIGN LOAD CAPACITIES

Approved as complying with the Florida Building Code  
Date 06/10/04  
NOA# 04-0428.03  
Miami Dade Product Control  
Division  
By Meridie Bonner

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

APR 05 2004

NOTE: TOP AND BOTTOM FLUSH BOLTS MUST BE ENGAGED DURING PERIODS OF HURRICANE WARNING.

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W04-01EWD

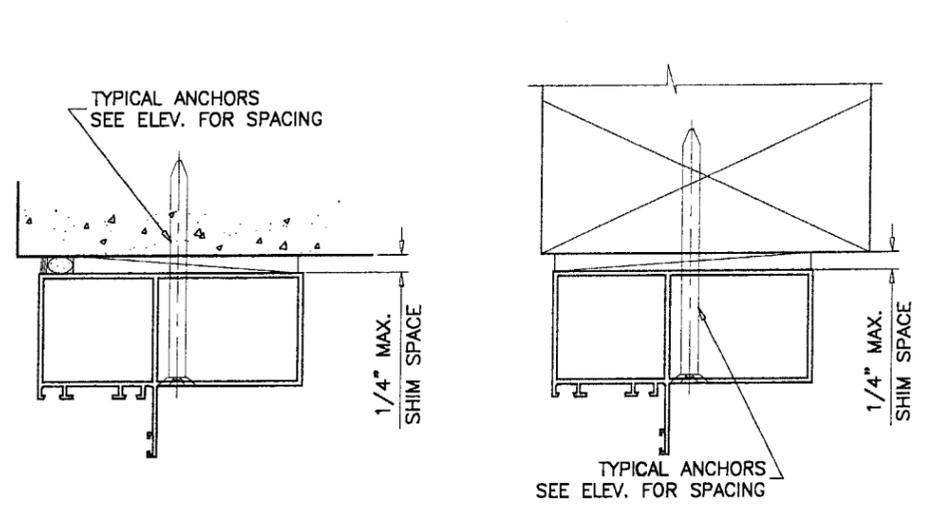
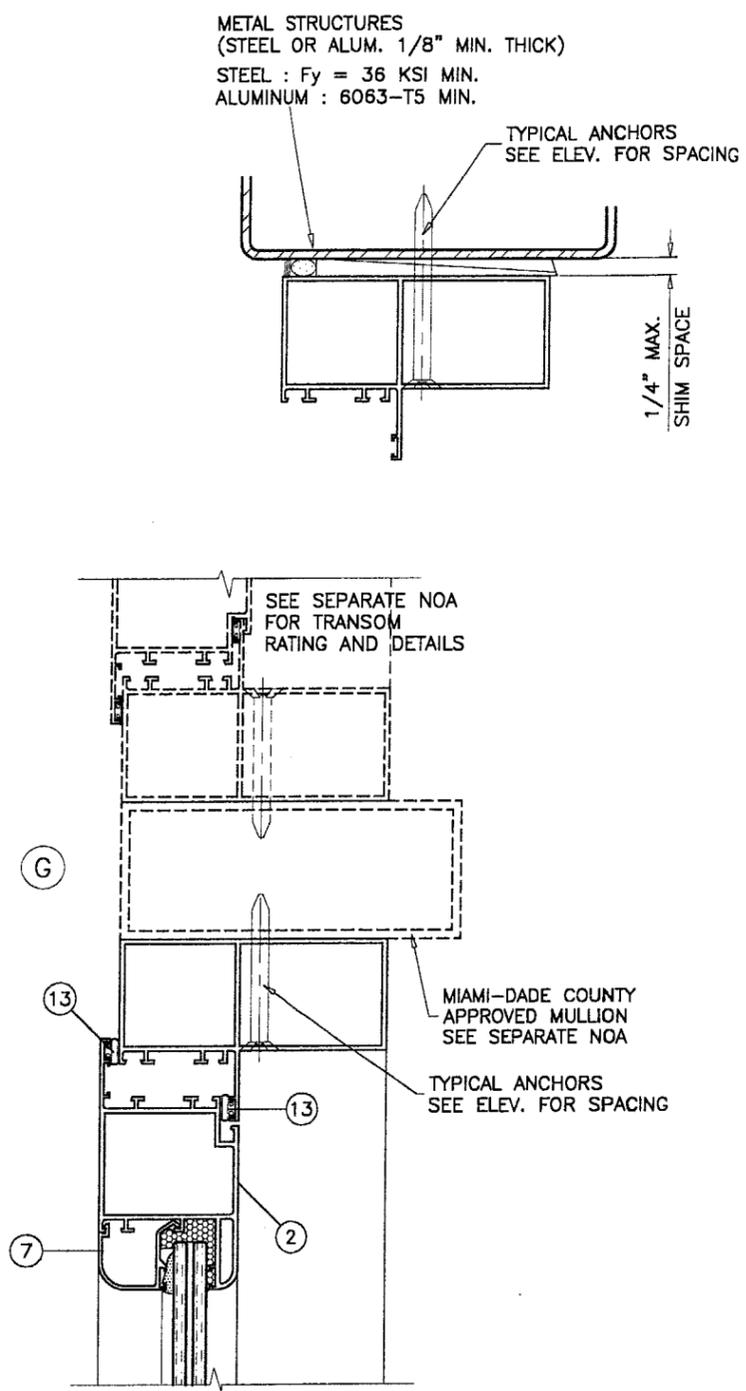
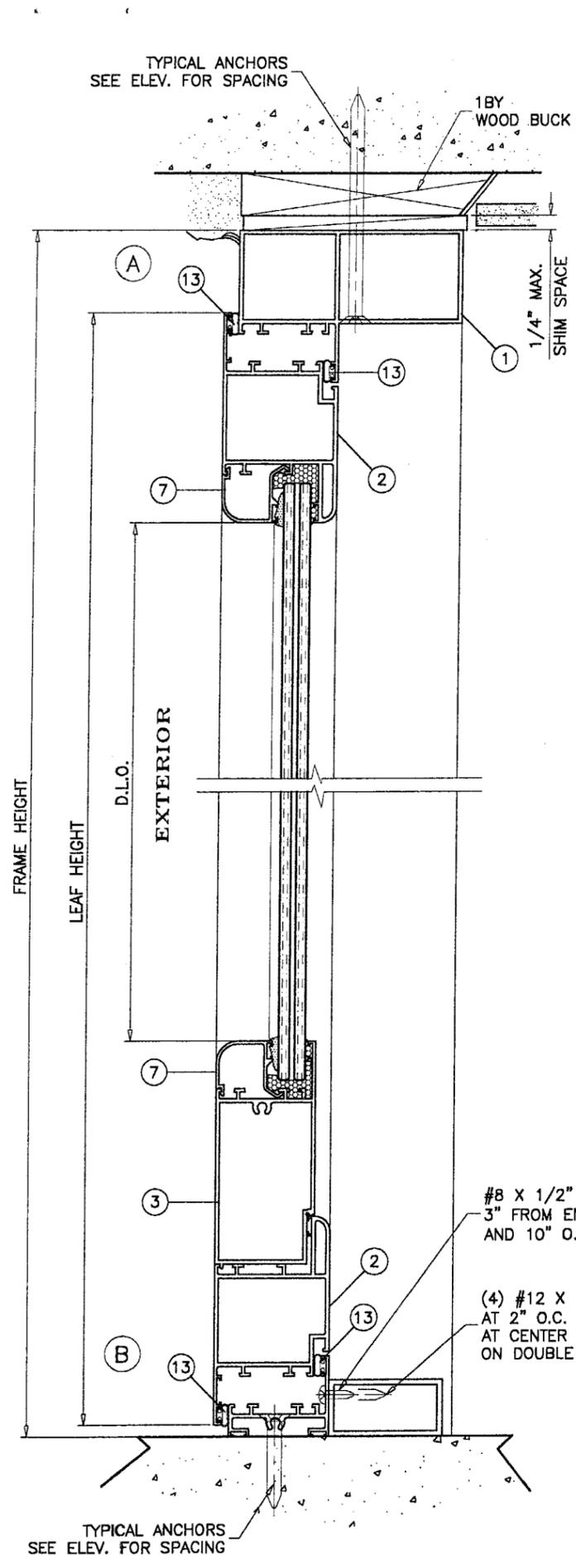
**ALUM OUTSWING ENTRANCE DOOR (IMPACT)**  
**EUROTECH WINDOWS & DOORS**  
250 N.E. 32nd STREET  
FT. LAUDERDALE, FL. 33334  
TEL. (954) 630-9967 TEL. (954) 630-0217

revisions:  
no. date by description

date: 01-15-04  
scale: 1/2"=1'-0"  
dr. by: H-AMID  
chk. by:

drawing no.  
**W04-01**

sheet 2 of 5



METAL STRUCTURES  
(STEEL OR ALUM. 1/8" MIN. THICK)  
STEEL : Fy = 36 KSI MIN.  
ALUMINUM : 6063-T5 MIN.

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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- A) 1/4" DIA TAPCONS  
INTO WOOD STRUCTURES  
WITH 1-1/2" MIN. PENETRATION INTO WOOD  
THRU WOOD BUCKS INTO MASONRY  
WITH 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- B) 1/4" DIA TAPCONS  
DIRECTLY INTO MASONRY  
WITH 1-1/4" MIN. EMBED INTO MASONRY
- C) 1/4-20 KWIK-FLEX SELF DRILLING SCREWS BY 'HILTI'  
INTO METAL STRUCTURES  
(STEEL OR ALUMINUM 1/8" MIN. THICK.)

STEEL : Fy = 36 KSI MIN.  
ALUMINUM : 6063-T5 MIN.

TYPICAL EDGE DISTANCE  
INTO CONCRETE AND MASONRY = 3" MIN.  
INTO WOOD STRUCTURE = 1" MIN.

SEALANTS:  
ALL FRAME AND LEAF CORNERS AND JOINTS SEALED WITH ADSEL OR TEKNA 50729 SEALANTS.

#8 X 1/2" SMS  
3" FROM ENDS  
AND 10" O.C. MAX.

(4) #12 X 1" SMS  
AT 2" O.C. MAX.  
AT CENTER OF SILL  
ON DOUBLE DOORS ONLY

SEE SEPARATE NOA  
FOR TRANSOM  
RATING AND DETAILS

MIAMI-DADE COUNTY  
APPROVED MULLION  
SEE SEPARATE NOA

TYPICAL ANCHORS  
SEE ELEV. FOR SPACING

Approved as complying with the  
Florida Building Code  
Date 06/10/04  
NOA# 04-0478.03  
Miami Dade Product Control  
Division  
By [Signature]

Engr: DR. HUMAYUN FAROOQ  
STRUCTURES  
FLA. P.E. # 16557  
C.A.N. 3538  
[Signature]  
APR 05 2004

**afsc**

**AL-FAROOQ CORPORATION**  
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1235 SW 87 AVE  
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COMP-ANL\W04-01EWD

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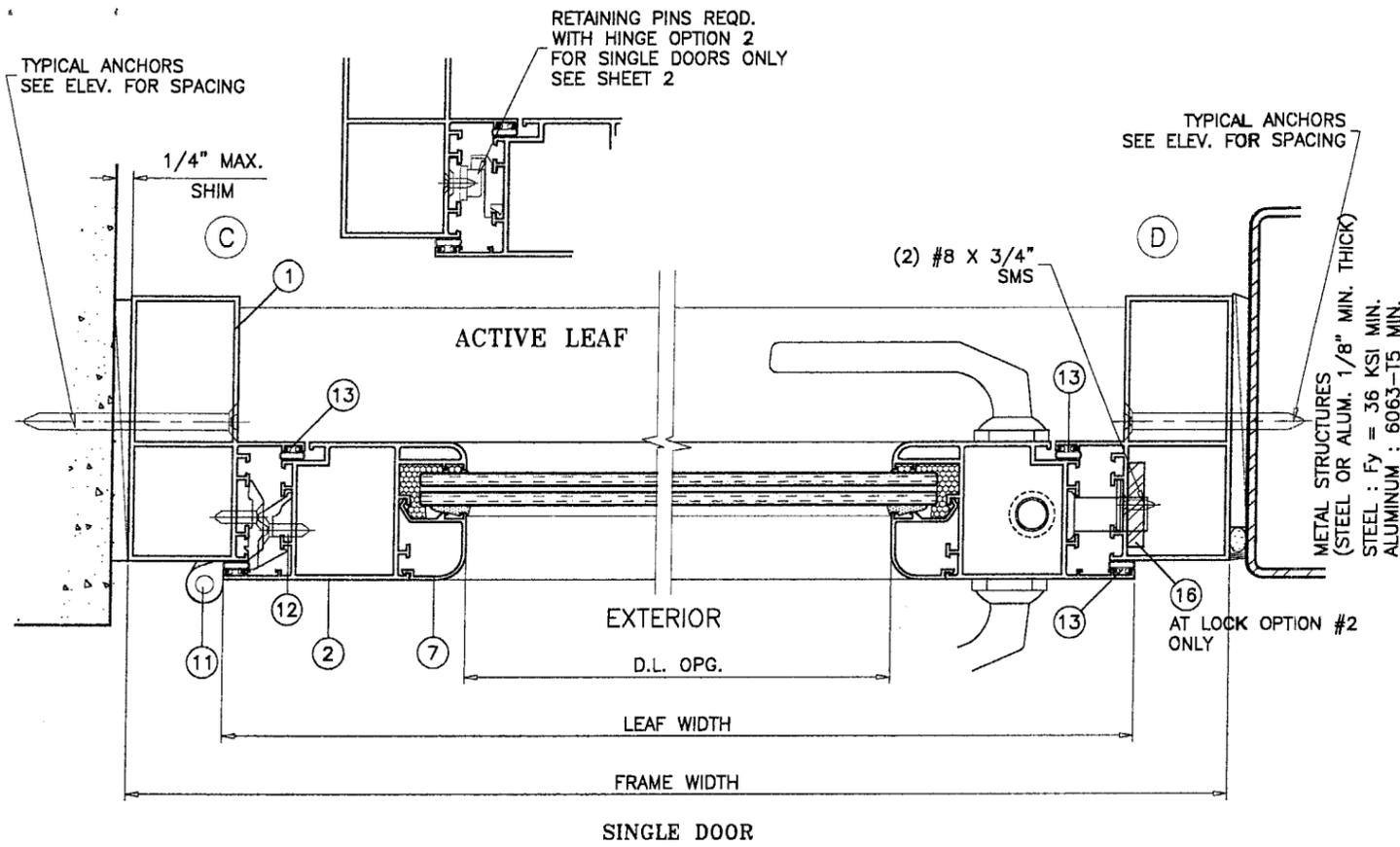
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**EUROTECH WINDOWS & DOORS**  
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revisions:	
no	date by description

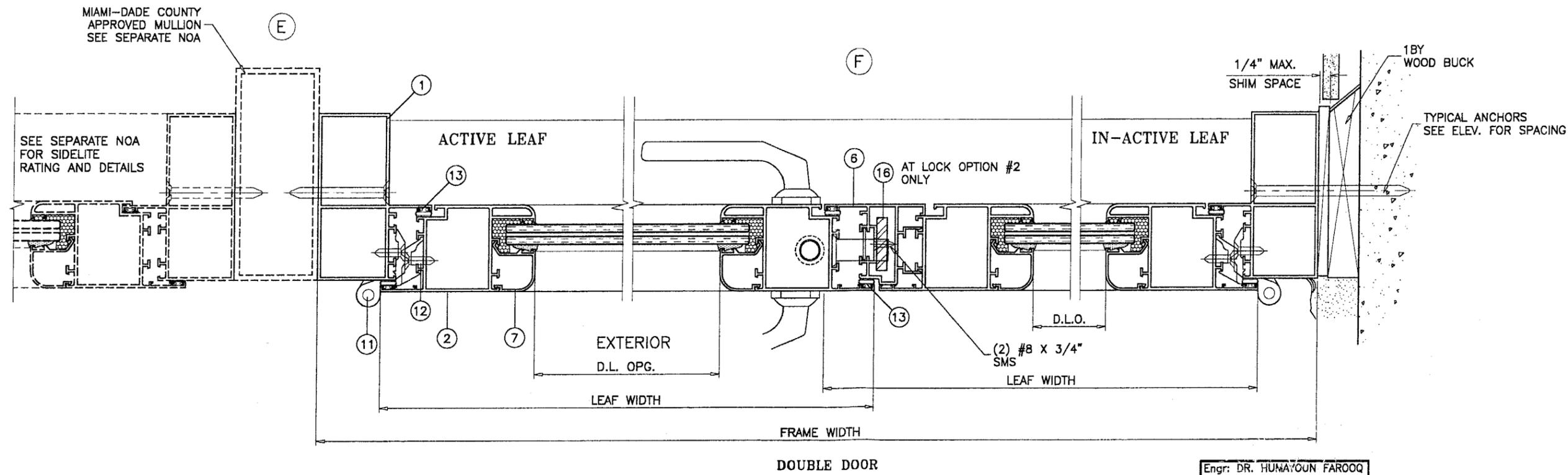
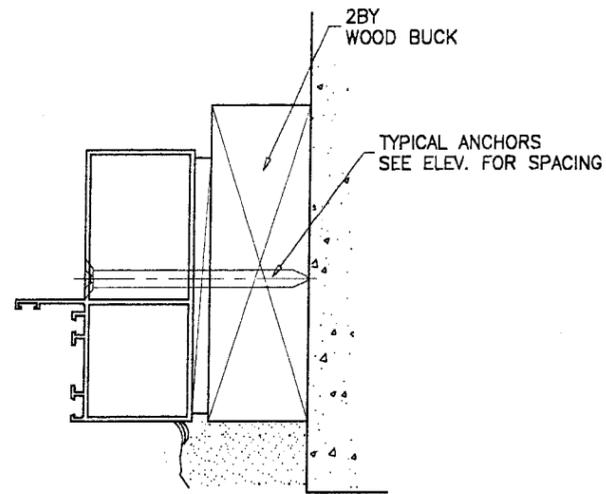
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**W04-01**

sheet 3 of 5



METAL STRUCTURES  
(STEEL OR ALUM. 1/8" MIN. THICK)  
STEEL : Fy = 36 KSI MIN.  
ALUMINUM : 6063-T5 MIN.



DOUBLE DOOR

Approved as complying with the  
Florida Building Code  
Date 06/10/04  
NOA# 04-0428.03  
Miami Dade Product Control  
Division  
By [Signature]

Engr: DR. HUMAYOON FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538  
[Signature]  
APR 05 2004

**afc**

**AL-FAROOQ CORPORATION**  
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MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W04-01EWD

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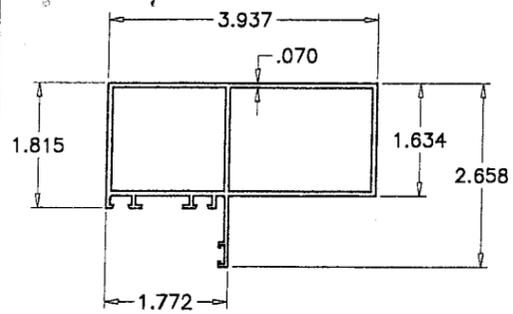
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250 N.E. 32nd STREET  
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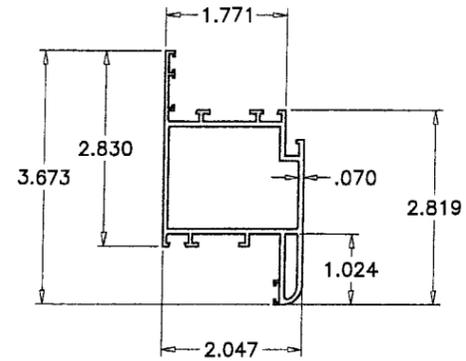
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chk. by:  

drawing no.  
**W04-01**

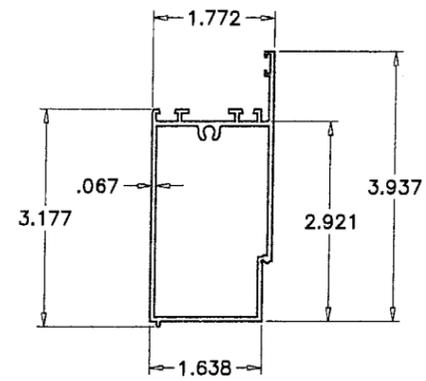
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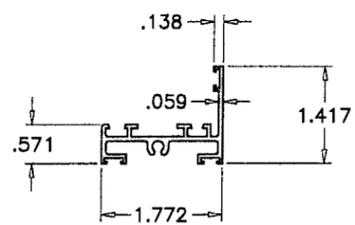
DOOR FRAME



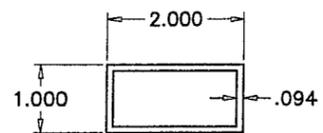
DOOR LEAF



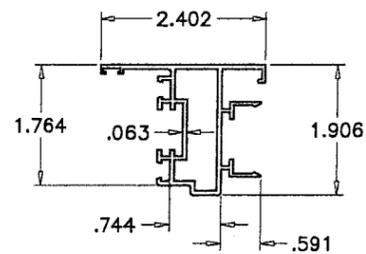
DOOR BASE BOARD



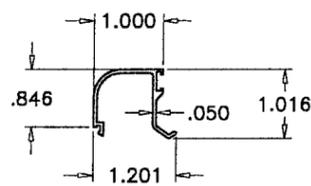
FRAME SILL



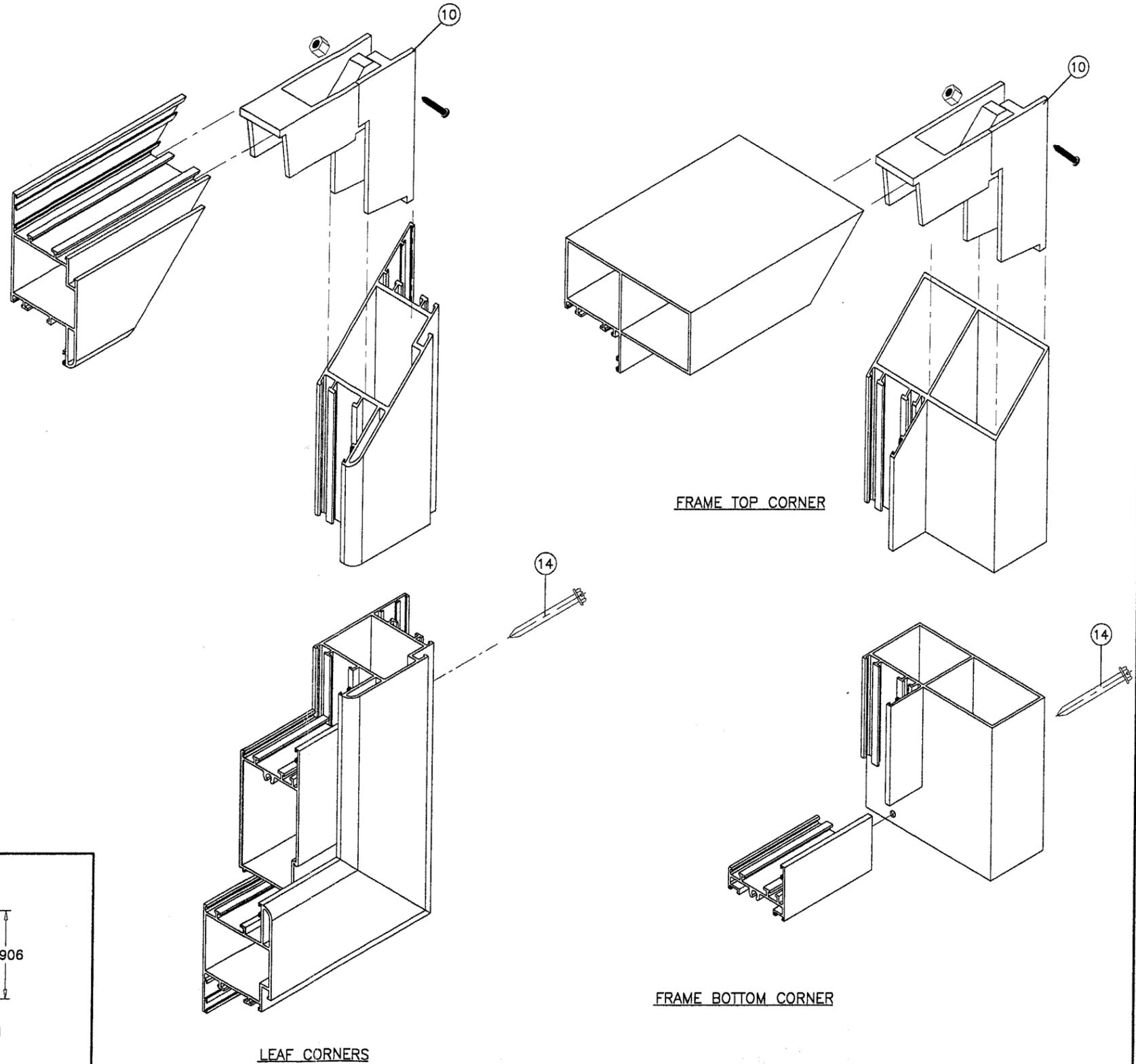
SILL BASE



ASTRAGAL STILE



GLAZING BEAD



Approved as complying with the  
 Florida Building Code  
 Date 06/10/04  
 NOAH 04-0428.03  
 Miami Dade Product Control  
 Division  
 By Meridian Seaman

Engr: DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. PE # 18557  
 C.A.N. 3538  
 APR 05 2004

**afC**

**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
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 TEL. (305) 264-8100 FAX. (305) 262-6978  
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 250 N.E. 32nd STREET  
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no	date	by	description

date: 01-15-04  
 scale: 3/8" = 1"  
 dr. by: HAMID  
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 drawing no. **W04-01**  
 sheet 5 of 5