



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION  
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION**  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/pera/](http://www.miamidade.gov/pera/)

**T.M. Windows, L.L.C.  
601 N.W. 12<sup>th</sup> Ave.  
Pompano Beach, FL 33069**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section 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 Section (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. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 "230 " Outswing Aluminum Door w / wo sidelites**

**APPROVAL DOCUMENT:** Drawing No. **W02-77 Rev C.**, titled "230 Alum Outswing Door w/sidelites. ", sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 08-28-02 and last revised on APR 18, 2012, signed and sealed by Javad Ahmad, 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 Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**Limitations:**

1. Exterior (positive) design loads to be limited per threshold height per sheet 2 of the Dwgs.
2. Max door panel not to exceed 34-1/2" and the max sidelite width not to exceed 37-5/8". See lock options detail in sheet 7 of the Dwgs.
3. Min 3" OC spacing cluster anchors applies both at head & sill at meeting stiles & sidelite mullion end.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", 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 & renews NOA # 06-0327.02** and 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.**



6/14/12

**NOA No 12-0308.35**  
**Expiration Date: December 26, 2017**  
**Approval Date: June 21, 2012**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (Submitted under file # # **06-0327.02**)
2. Drawing No. **W02-77 Rev C.**, titled "230 Alum Outswing Door w/sidelites", sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 08-28-02 and last revised on APR 18, 2012, signed and sealed by Javad Ahmad, P.E.

**B. TESTS (submitted under file # # **06-0327.02**)**

1. Test report on
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Forced Entry Test per FBC, TAS 202-94
  - 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 aluminum outswing door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5458**, dated 02/15/08, signed and sealed by Carlos S. Rionda, P.E.

along with marked-up drawings and installation diagram of aluminum outswing door, prepared by Fenestration Testing Laboratory, Inc., **3355**, dated 01/29/02 and **FTL-3355**, dated 01/29/02, signed and sealed by Luis Figueredo, P.E. and Aldo P. Gonzales, P.E. , respectively, (submitted under file # **02-1016.09**)

2. Additional referenced test report per TAS 202-94, Test Report No. **FTL-2648**, dtd 06/06/00 issued by Fenestration Test Lab, signed & sealed by Aldo P. Gonzales, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared by Al Farooq Corporation, dated 02/15/12, signed and sealed by Javad Ahmad, P.E.
2. Structural performance, comparative analysis and anchor verification calculations dated Apr 24, 2008, prepared by Al- Farooq Corporation, signed and sealed by late Dr. Humayoun Farooq, P.E. (Submitted under file # # **06-0327.02**)
3. Glazing complies w/ ASTM E-1300-02 & -04

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-0325.05** for "Saflex clear & color interlayer" issued to Solutia Inc., expiring on 05/21/16.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2010 and letter of no financial interest, prepared by Al Farooq Corporation, dated 01/24/12, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of conformance FBC 2007 and letter of no financial interest, prepared by Al Farooq Corporation, dated 03-08-2008, signed and sealed by late Dr. Humayoun Farooq, P.E. (submitted under file # **06-0327.02**)
3. Lab compliance as part of the above referenced test report.

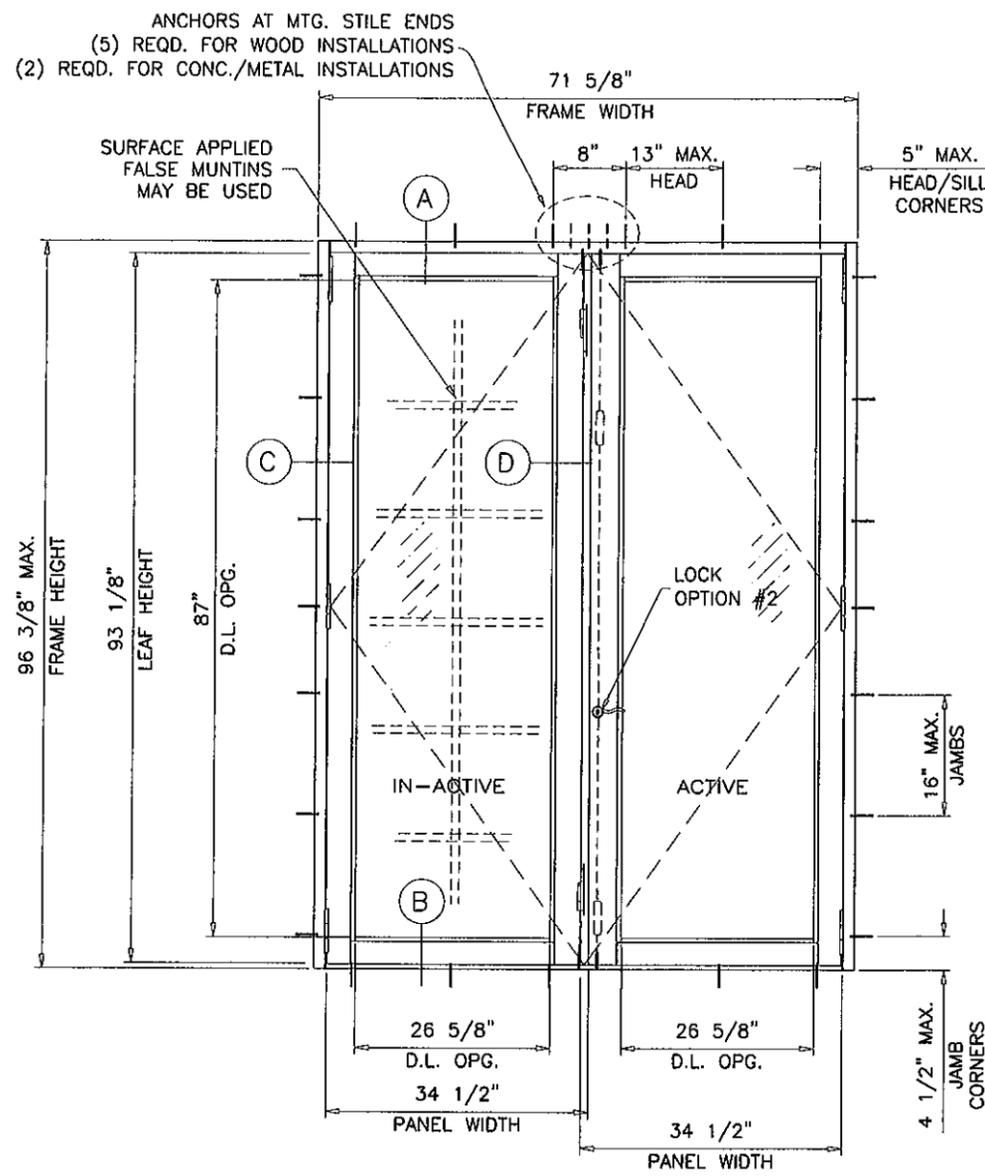
**G. OTHER**

1. This NOA **revises & renews** NOA # # **06-0327.02**, expiring on 12/26/17.
2. Test proposal # **07-3698** dated Nov 08, 2007, issued by BCCO.

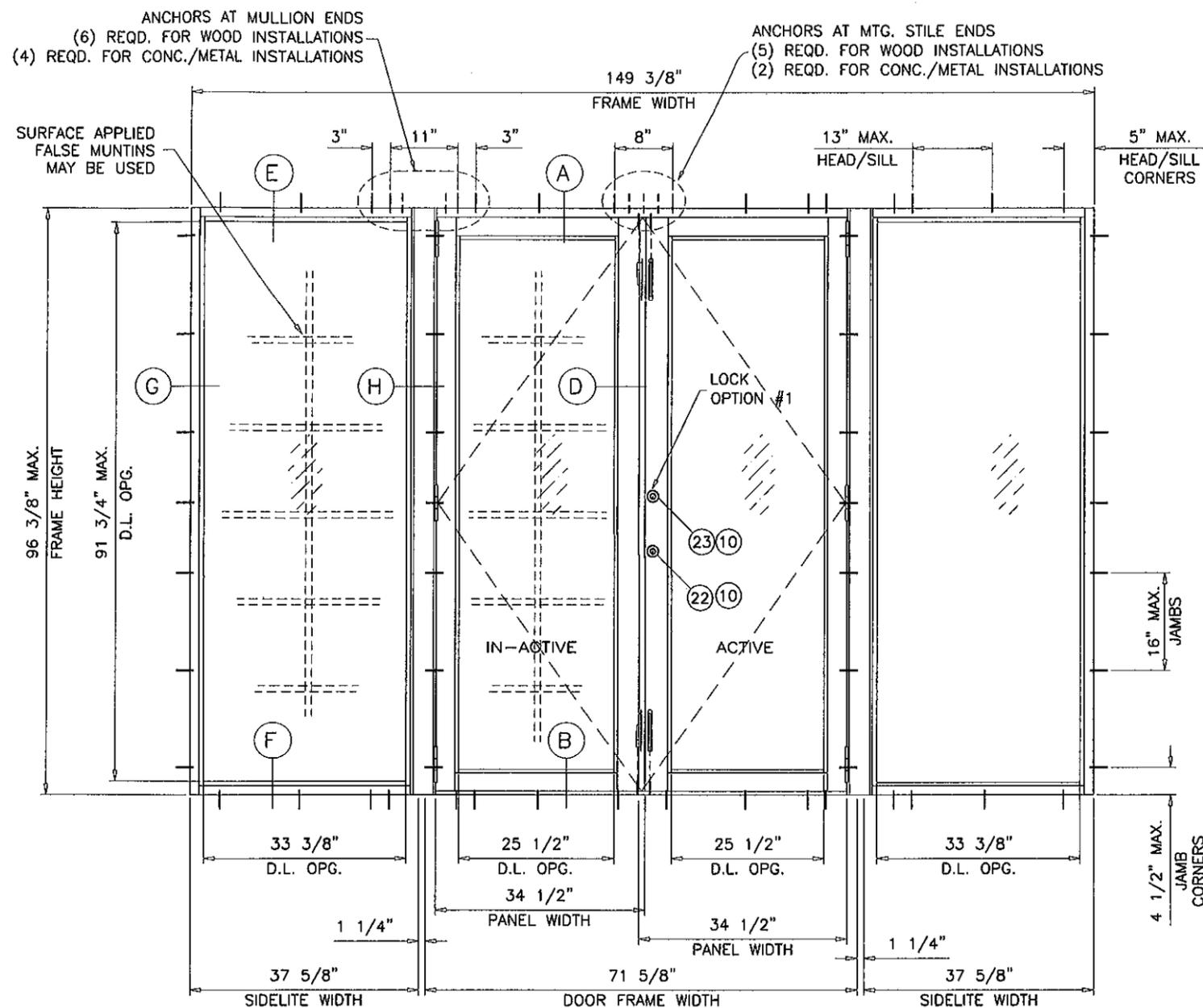
*Ishaq I. Chanda*

Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 12-0308.35

Expiration Date: December 26, 2017  
Approval Date: June 21, 2012



( XX )



( OXXO )

TYPICAL ELEVATION

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

**SERIES-230  
ALUMINUM OUT-SWING DOOR W/ SIDELITES**

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT SIDELITES. SIDE LITES CAN BE ON ONE OR BOTH SIDES OF DOOR. SEE SHEETS 2 FOR DESIGN LOAD CAPACITIES.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED SEE SHEET 2 FOR LIMITATIONS.

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

1BY OR 2BY 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 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 THE FLORIDA BLDG. CODE SECTION 2003.8.4.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 12-0308-25  
Expiration Date: DECEMBER 26, 2017  
By: *Chas. L. Chanda*  
Manual Date: Product Control

LAMINATED GLASS  
LARGE MISSILE IMPACT

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*[Signature]*  
APR 18 2012

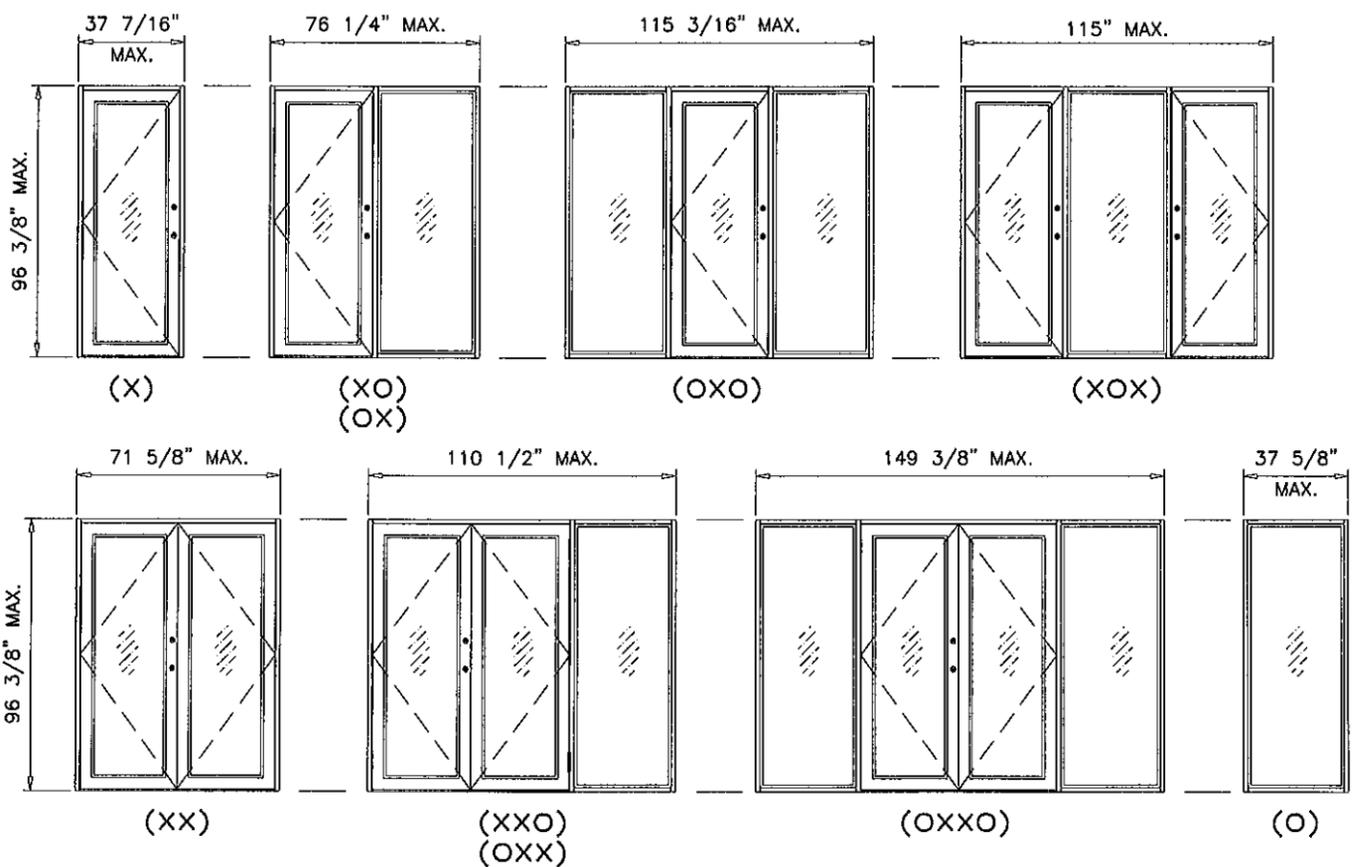
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W02-771MW

SERIES-230 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
**T.M. WINDOWS LLC.**  
601 N.W. 12TH AVE.  
POMPANO BEACH, FL. 33069  
TEL. (954) 781-4430 FAX. (954) 781-5078

no	date	description
A	03.01.06	UPDATED FOR 2004 FBC
B	03.21.08	REV. PER BCCO COMMENTS
C	01.25.12	GENERAL REVISION

date: 08-28-02  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

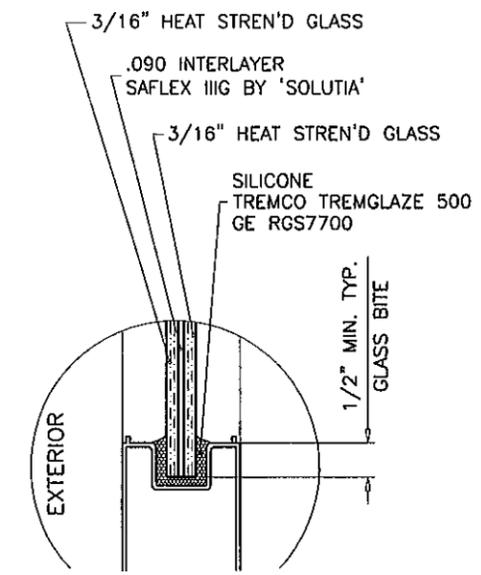
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**W02-77**  
sheet 1 of 7



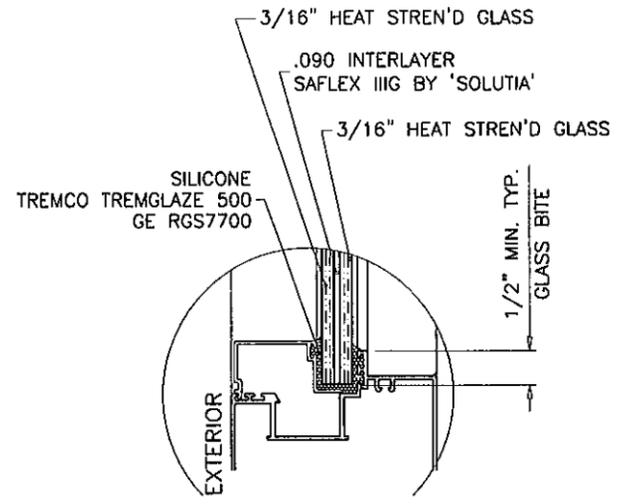
**APPROVED CONFIGURATIONS**

**MAXIMUM DESIGN LOAD RATING = + 80.0 PSF**  
 (FOR SIZES SHOWN ABOVE OR SMALLER) - 90.0 PSF

FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED  
 LIMIT EXTERIOR(+) LOADS AS FOLLOWS  
 1-5/8" THRESHOLD = +53.3 PSF  
 2-5/8" THRESHOLD = +80.0 PSF  
 3-1/2" THRESHOLD = +90.0 PSF  
 +80 PSF 6/14/12



0.460" OVERALL LAM. GLASS  
**GLAZING DETAIL**  
 (DOOR LEAF)



0.460" OVERALL LAM. GLASS  
**GLAZING DETAIL**  
 (SIDELITE)

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No 12-0308-35  
 Expiration Date 12/26/17  
 By: *Shahid Khan*  
 Miami Dade Product Control

NOTE:  
 EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
 APR 18 2012

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

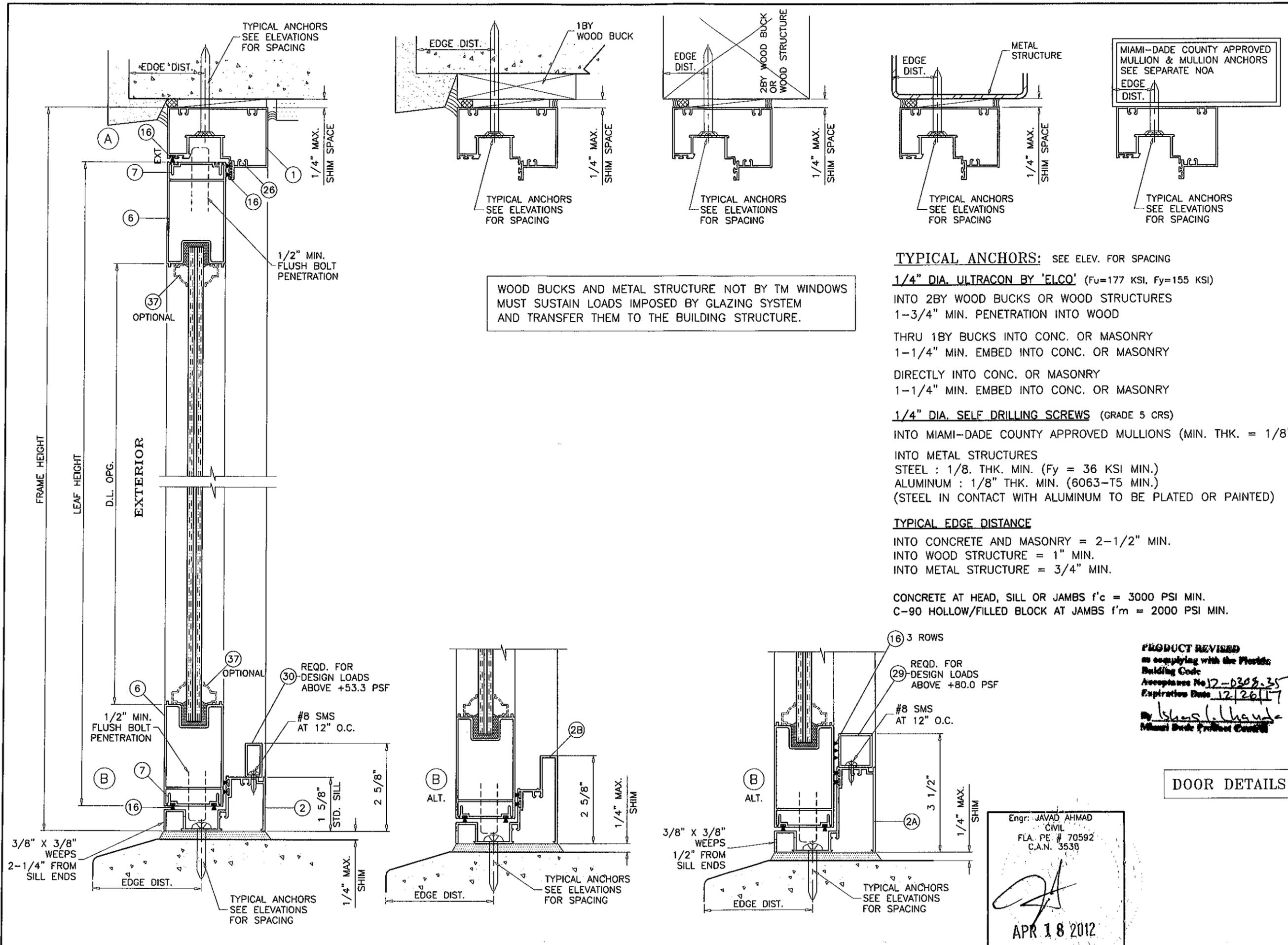
**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W02-77TMW

SERIES-230 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
**T.M. WINDOWS LLC.**  
 601 N.W. 12TH AVE.  
 POMPANO BEACH, FL. 33069  
 TEL. (954) 781-4430 FAX. (954) 781-5078

no	date	description
A	03.01.06	CHARTS REV.
B	03.21.08	REV. PER BCCO COMMENTS
C	01.25.12	GENERAL REVISION

date: 08-28-02  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W02-77**  
 sheet 2 of 7



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

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
**1/4" DIA. ULTRACON BY 'ELCO'** (Fu=177 KSI, Fy=155 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-3/4" MIN. PENETRATION INTO WOOD  
 THRU 1BY BUCKS INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
 DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
**1/4" DIA. SELF DRILLING SCREWS** (GRADE 5 CRS)  
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")  
 INTO METAL STRUCTURES  
 STEEL : 1/8. THK. MIN. (Fy = 36 KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

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

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No. 12-0309-35  
 Expiration Date 12/26/17  
 By: *Shahid Khan*  
 Miami Dade Product Council

Engr. JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
 APR 18 2012

**DOOR DETAILS**

**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\W02-77MW

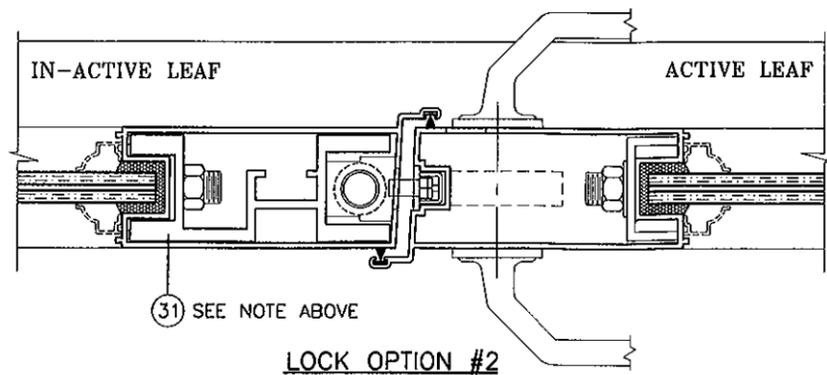
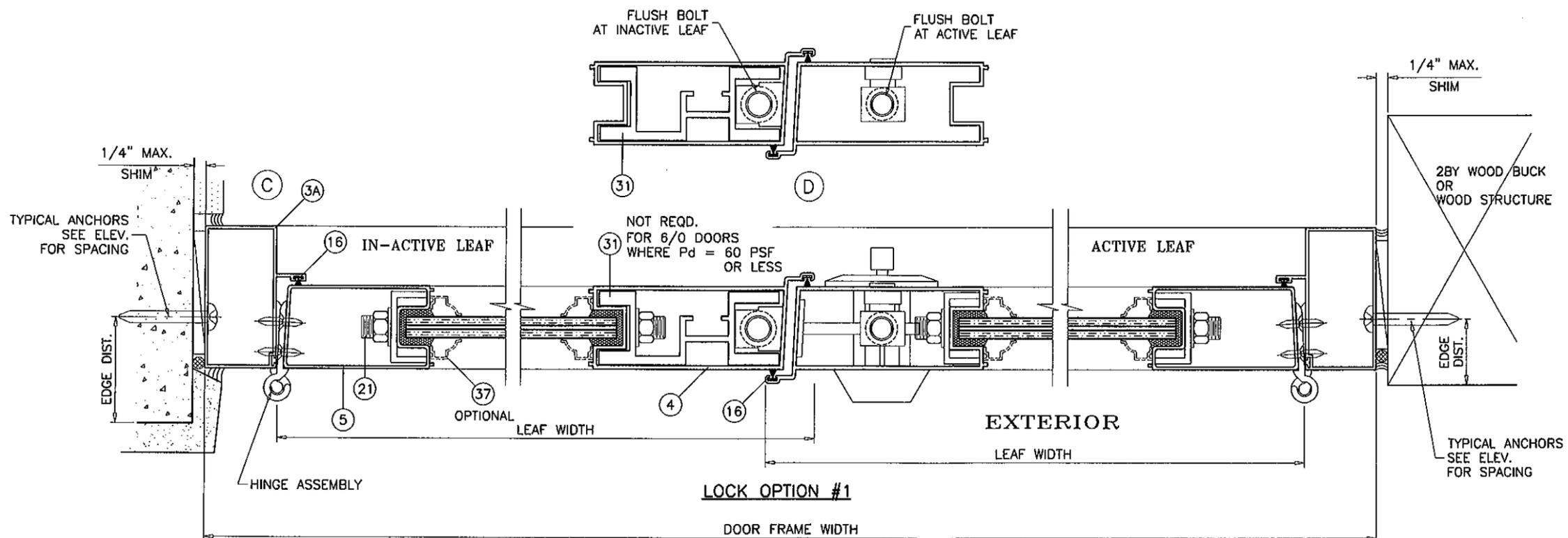
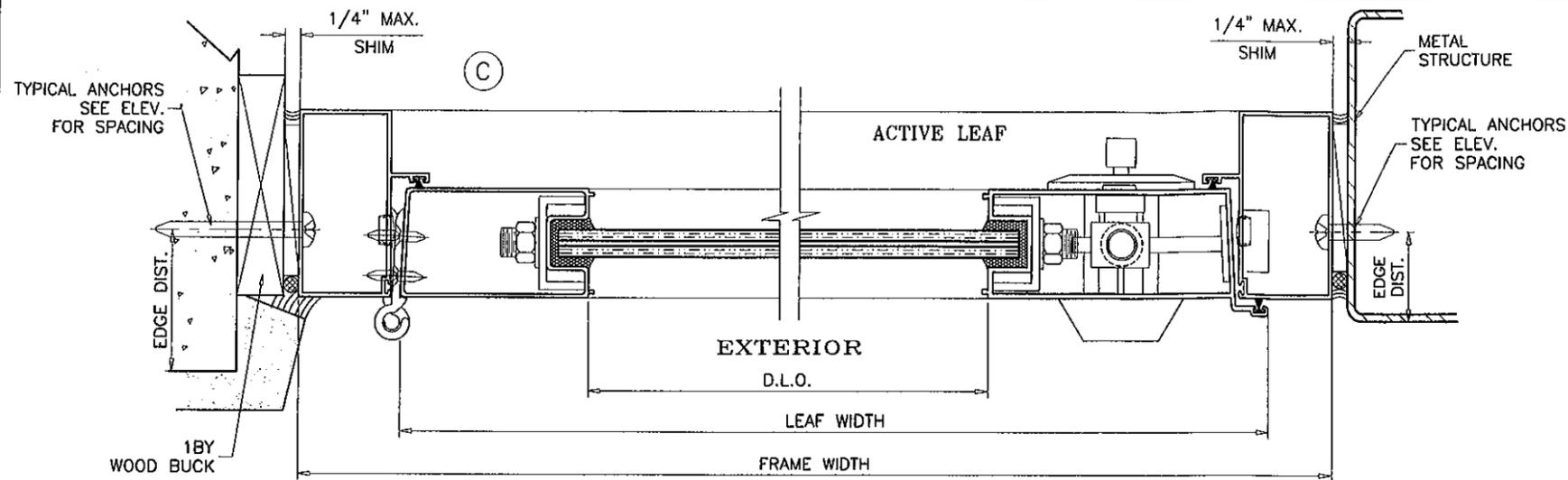
SERIES-230 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)

**T.M. WINDOWS LLC.**  
 601 N.W. 12TH AVE.  
 POMPANO BEACH, FL. 33069  
 TEL. (954) 781-4430 FAX. (954) 781-5078

no.	date	description
A	03.01.06	ANCHORS REV.
B	03.21.08	REV. PER BCCO COMMENTS
C	01.25.12	GENERAL REVISION

date: 08-28-02  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W02-77**  
 sheet 3 of 7



**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 12-0306-35  
 Expiration Date 12/26/17  
 Michael Duda Product Control

Engr. JAVAD AHMAD  
 CIVIL  
 FLA. PE. # 70592  
 C.A.N. 3538  
 APR 18 2012

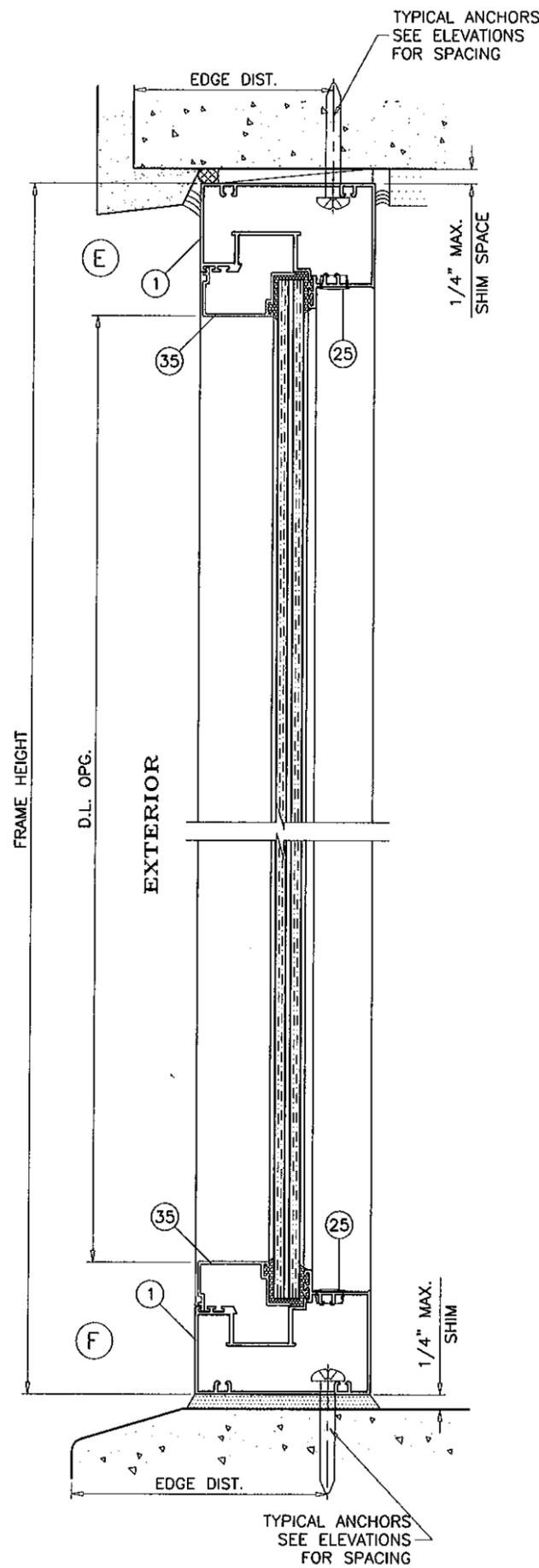
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**AL-FAROOQ CORPORATION**  
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 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-9100 FAX. (305) 262-6978  
 COMP-ANL\W02-77TMW

SERIES-230 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
**T.M. WINDOWS LLC.**  
 601 N.W. 12TH AVE.  
 POMPANO BEACH, FL. 33069  
 TEL. (954) 781-4430 FAX. (954) 781-5078

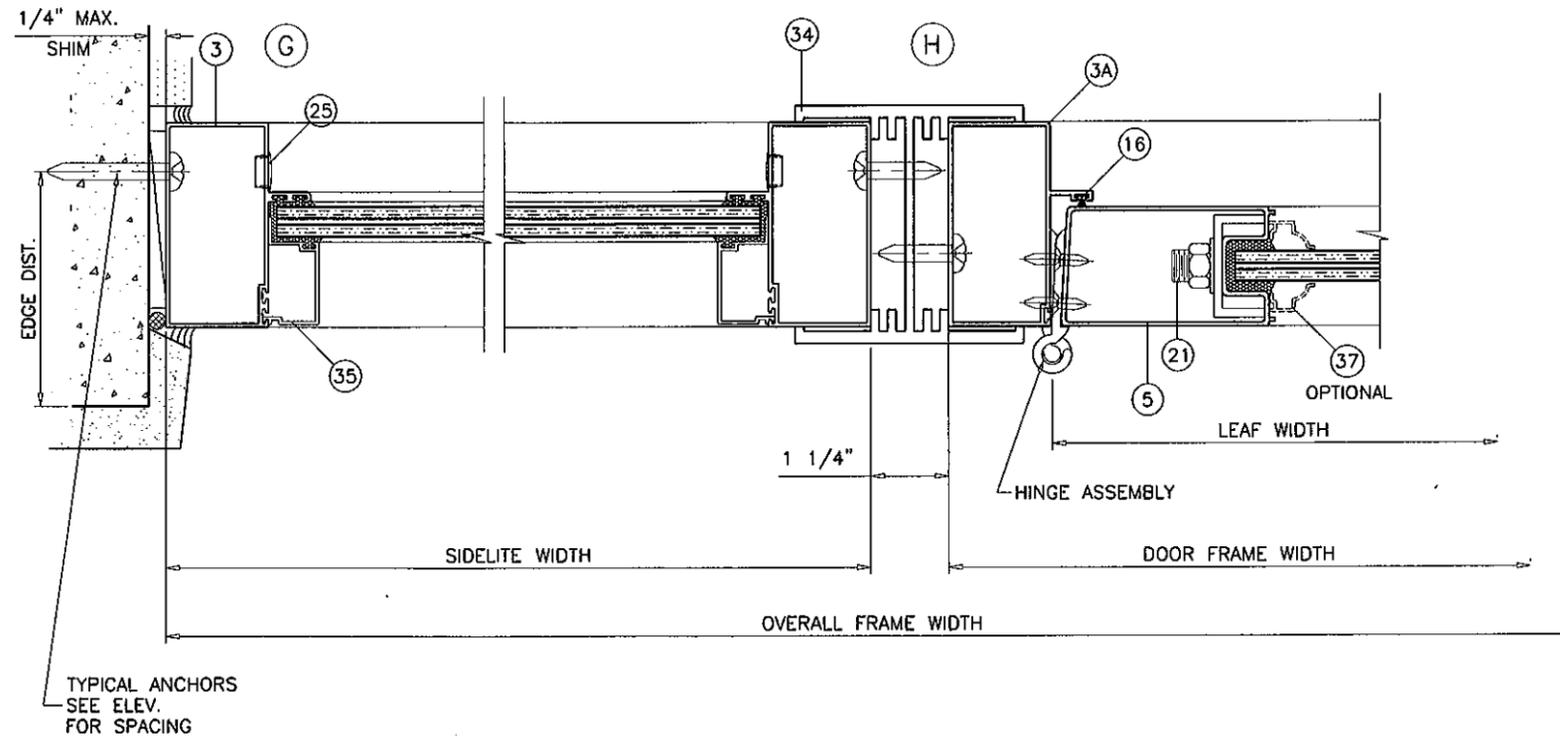
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C	01.25.12	GENERAL	REVISION

date: 08-28-02  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W02-77**  
 sheet 4 of 7



TYPICAL ANCHORS  
SEE ELEVATIONS  
FOR SPACING



TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING

**PRODUCT REVISED**  
to comply with the Florida  
Building Code  
Acceptance No. 12-0308-35  
Expiration Date 12/26/17  
*By: J. Ahmad*  
Initial Date / Product Control

Engr: JAVAD, AHMAD  
CIVIL  
FLA. REG # 70592  
C.A.N. 3538  
*J.A.*  
APR 18 2012

**SIDELITE DETAILS**

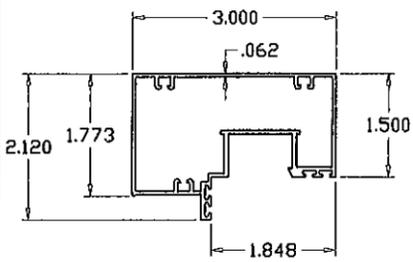
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**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL\W02-77TMM

SERIES-230 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
**T.M. WINDOWS LLC.**  
601 N.W. 12TH AVE.  
POMPANO BEACH, FL. 33069  
TEL (954) 781-4430 FAX (954) 781-5078

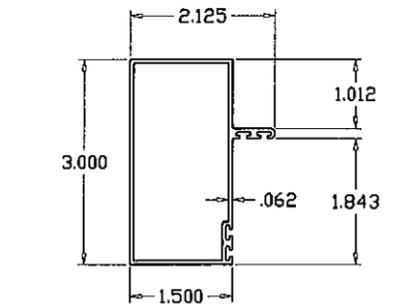
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C	01.25.12		GENERAL REVISION

date: 08-28-02  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

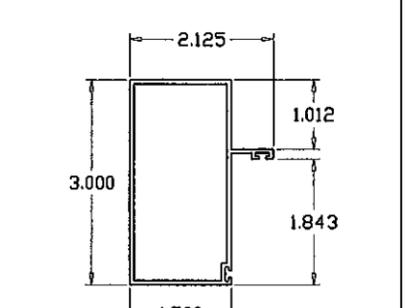
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sheet 5 of 7



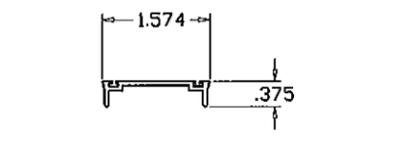
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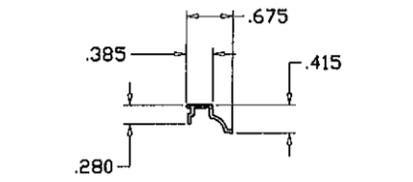
③ SIDELITE FRAME  
GW 36572



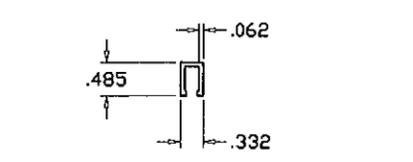
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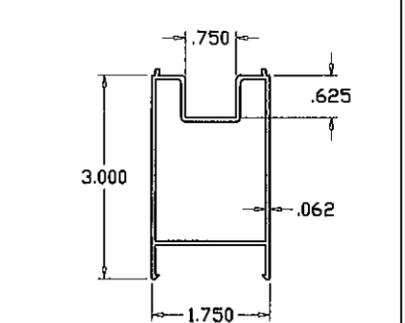
WEATHER-STRIP ADAPTER  
GW-31826



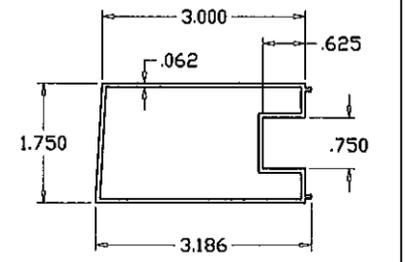
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GW-36737



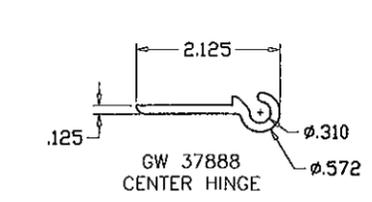
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TM-155A



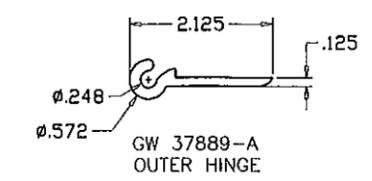
DOOR TOP & BOTTOM RAIL  
TM 081



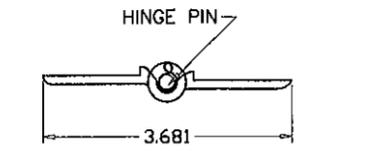
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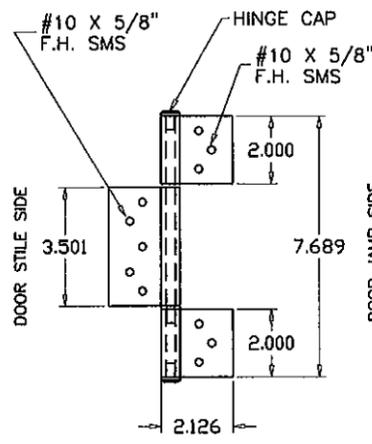
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CENTER HINGE



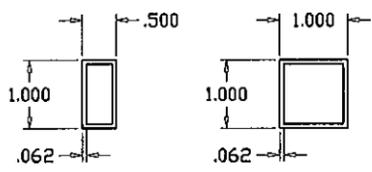
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OUTER HINGE



HINGE PIN

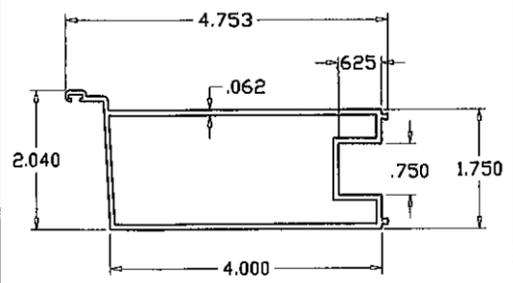


HINGE ASSEMBLY

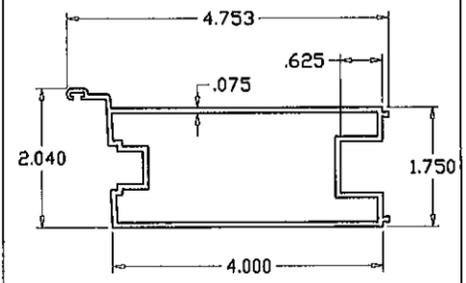


②9 SILL ADAPTERS

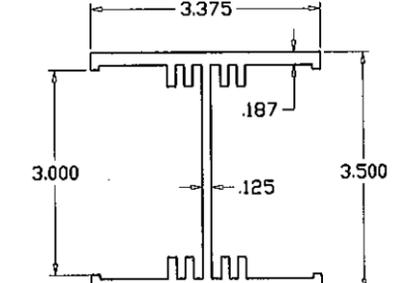
ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	TM-38A	1	FRAME HEAD	6063-T6	--
2	GW 28615	1	FRAME SILL	6063-T6	--
2A	GW 37319	1	ALT. FRAME SILL	6063-T6	--
2B	TM184	1	ALT. FRAME SILL	6063-T6	--
3	GW 36572	2	SIDELITE FRAME	6063-T6	--
3A	TM175	2	DOOR JAMB	6063-T6	--
4	GW 36048	1	PANEL LOCK STILE	6063-T5	--
4A	TM172	1	ALT. PANEL LOCK STILE	6063-T6	--
5	GW 36935	1	PANEL HINGE STILE	6063-T5	--
6	TM-081	2	PANEL TOP/BOTTOM RAIL	6063-T5	--
7	GW 31826	4	WEATHERSTRIP ADAPTER	6063-T5	END OF DOOR STILES (TOP/BOTTOM)
8	GW 37889A	2/HINGE ASSY.	TM OUTER BUTT HINGE	6063-T6	DOOR PANEL/FRAME HINGE SIDE
9	GW 33888	1/HINGE ASSY.	TM CENTER BUTT HINGE	6063-T6	DOOR PANEL/FRAME HINGE SIDE
10	GW 32222	2	DOOR LOCK INSERT	6063-T5	LOCK STILE
11	-	2/ LEAF	3/4 x 1 1/4 x 3/4 x 1/8" THK. CAP	ALUMINUM	3" LONG
16	4037	AS REQ'D.	"ULTRAFAB" CENTERFIN WOOLPILE	WOOL	LOCK STILES, JAMBS, HEAD, SILL
18	-	1/HINGE	7/32" HINGE PIN	STEEL	AT EACH HINGE ASSEMBLY
21	-	2/LEAF	1/2" THREADED ROD, WASHER & NUT	STEEL	TOP/BOTTOM END RAILS
22	SERIES 400	1	KWIKSET KNOBLOCK	-	ACTIVE LEAF
23	SERIES 600	1	KWIKSET DEADBOLT	-	ACTIVE LEAF
24	-	2/HINGE ASSY.	HINGE BUSHING	PLASTIC	HINGE ASSEMBLY
25	-	36	DUST PLUG (OPTIONAL)	PLASTIC	DOOR JAMB INSTALL. SCREW HOLES
26	-	AS REQD.	#10 x 1" P.H. SMS. (ASSY. SCREW)	STEEL	DOOR FRAME MEMBERS/MULL CLIPS
27	-	2/HINGE ASSY.	HINGE CAP	PLASTIC	HINGE ASSEMBLY
29	-	1	SILL ADAPTER (1" X 1" X 1/16" TUBE)	ALUM	--
30	-	1	SILL ADAPTER (1/2" X 1" X 1/16" TUBE)	ALUM	--
31	TM-075	1	LOCK STILE REINFORCEMENT	6063-T5	FULL LENGTH @ DOOR LOCK STILES
34	TM-054A	2	MULLION	6063-T5	BETWEEN DOOR/SIDE LITE JAMBS
35	GW 31956	4	GLASS STOP	6063-T5	SIDE LITE GLAZING PERIMETER
37	GW 36737	OPTIONAL	O.G. DECORATIVE MOULDING	6063-T5	DOOR PANEL PERIMETER
37A	TM-155A	OPTIONAL	O.G. DECORATIVE MOULDING	6063-T6	DOOR PANEL PERIMETER



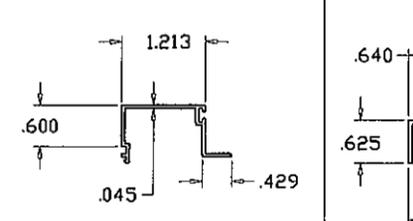
④ DOOR LEAF STILE  
GW 36048



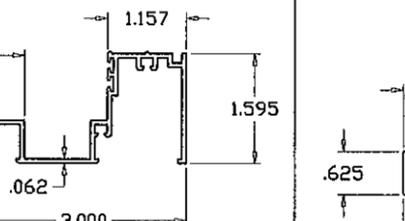
④A ALT. DOOR LEAF STILE  
TM172



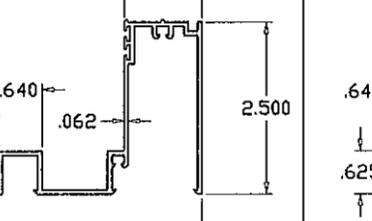
MULLION  
TM-054A



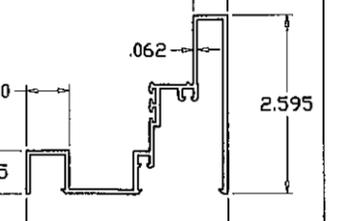
GLASS STOP  
GW-31956



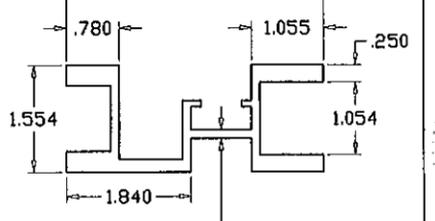
STD. FRAME SILL  
GW-28615



②A ALT. FRAME SILL  
GW-37319



②B ALT. FRAME SILL  
TM-184



③1 LOCK STILE REINFORCEMENT  
TM-075

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
APR 18 2012

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0308-35  
Expiration Date 12/26/17  
Ishag I. Ahmad  
Miami Desk Project Control

**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL\W02-777MW

SERIES-230 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
**T.M. WINDOWS LLC.**  
601 N.W. 12TH AVE.  
POMPANO BEACH, FL. 33069  
TEL (954) 781-4430 FAX (954) 781-5078

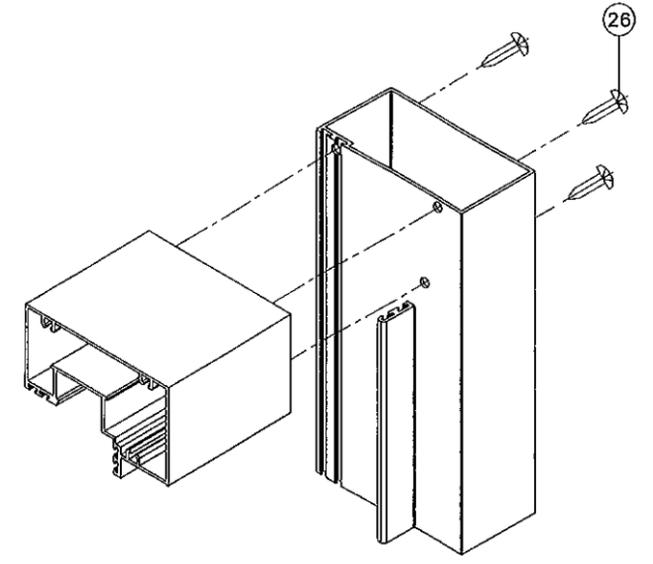
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B	03.21.08	REV. PER BCCO COMMENTS
C	01.25.12	GENERAL REVISION

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scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:  
drawing no.  
**W02-77**  
sheet 6 of 7

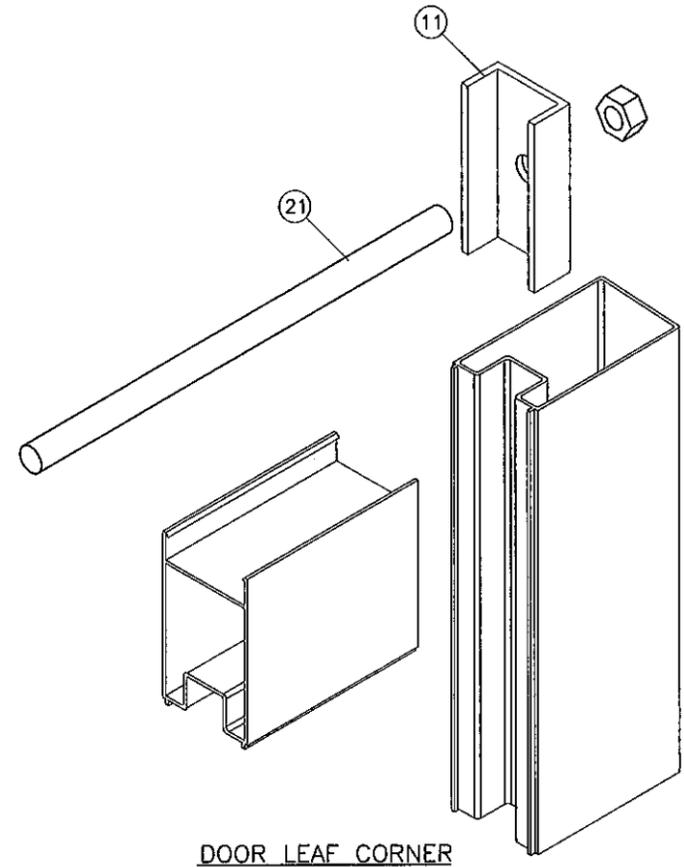
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B	03.21.08		REV. PER BCCO COMMENTS
C	01.25.12		GENERAL REVISION

date: 08-28-02  
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 chk. by:

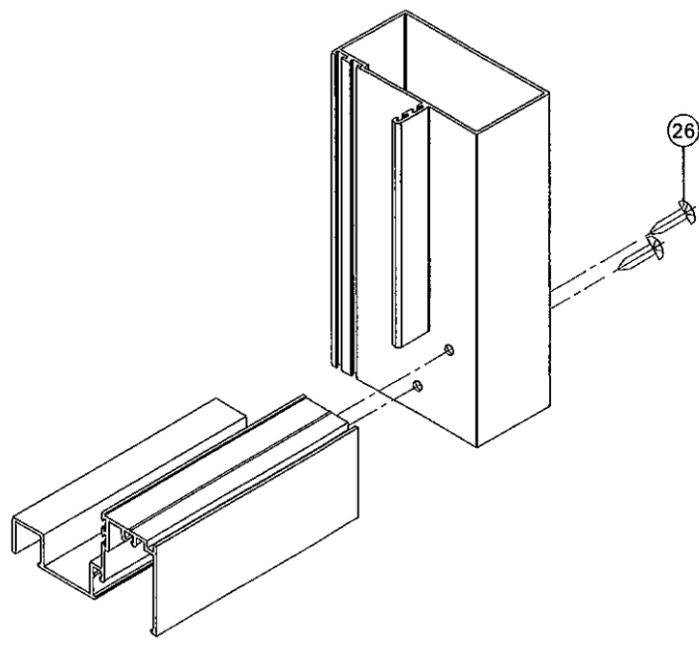
drawing no.  
**W02-77**  
 sheet 7 of 7



FRAME TOP CORNER  
SIDELITE CORNER



DOOR LEAF CORNER



FRAME BOTTOM CORNER

**SEALANTS:**

FRAME CORNERS AND GLAZING BEAD TO PANEL SEALED WITH WHITE COLORED SEALANT.  
 SEAMS BETWEEN MULLION AND JAMBS SEALED WITH SILICONE.

**HINGES:**

7-5/8" LONG ALUM BUTT HINGES, AT 11" FROM EACH END AND ONE AT MIDSPAN OF LEAF.

**LOCKS:**

**OPTION #1**

STANDARD STEEL THROW BOLT LOCK, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 41-1/2" OR 48" FROM BOTTOM  
 CONVENTIONAL LOCKSET WITH KNOB, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 36" OR 39-1/2" FROM BOTTOM

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF EACH LEAF LOCK STILE (4) AT DOUBLE(XX) DOORS, (2) AT SINGLE(X) DOORS

**OPTION #2**

MULTI-POINT LOCK SYSTEM WITH LEVER HANDLE LOCATED AT 34-1/2" FROM BOTTOM OF ACTIVE LEAF LOCK STILE FASTENED WITH (2) #12-28 X 2-1/4" OH MS

METALLIC STRIKE PLATE AT 34-1/2" FROM BOTTOM OF INACTIVE LEAF LOCK STILE FASTENED WITH (3) #10 X 1/2" FH SMS

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF INACTIVE LEAF LOCK STILE OPERATORS AT 10-1/2" & 76-1/2" FROM BOTTOM FASTENED WITH (2) #8-32 X 1/2" FH MS

(FLUSH BOLTS AT TOP & BOTTOM OF ACTIVE AND INACTIVE LEAFS TO BE ENGAGED DURING PERIODS OF HURRICANE WARNING)

**PRODUCT REVISION**  
 in compliance with the Florida Building Code  
 Assignment No. 12-0308-35  
 Expiration Date: DEC 24, 2017  
 By: *Shahid Khan*  
 Miami Door Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70502  
 C.A.N. 3538  
  
 APR 18 2012