



BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)  
BOARD AND CODE ADMINISTRATION DIVISION

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/building/home/asp](http://www.miamidade.gov/building/home/asp)

## NOTICE OF ACCEPTANCE (NOA)

**Delta Doors Manufacturing Co.**  
7500 NW 69<sup>th</sup> Ave  
Miami, FL 33166

### 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 BNC -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. BNC 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 "BAL-350" Single Outswing Aluminum Entrance Door-Impact

**APPROVAL DOCUMENT:** Drawing N0. **W04-85**, titled "Series-BAL-350 Alum Entrance Door (SMI)", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, dated 10-08-04 and last revised on MAR 21, 2011, 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: Small Missile Impact Resistant

#### Limitation:

1. This door w/ frame can be installed in Delta Door storefront or Miami-Dade approved storefront system having current NOA, to be reviewed by AHJ. Lower design pressure shall control.
2. Units are rated to max. DP=+/- 100 psf with the frame jamb item #2 (5"xI").

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and Series/Model 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 & renews** NOA # **09-0413.02** 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.**

NOA No 10-1102.01  
Expiration Date: November 03, 2015  
Approval Date: April 28, 2011

MIAMI-DADE COUNTY  
APPROVED

4/21/11

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- A. DRAWINGS** (transferred from file # 09-0413.02)
1. Manufacturer's die drawings and sections.
  2. Drawing NO. **W04-85**, titled "Series-BAL-350 Alum Entrance Door (SMI)", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, dated 10-08-04 and last revised on MAR 21, 2011, signed and sealed by Javad Ahmad, P.E.
- B. TESTS** (transferred from file # **09-0413.02**)
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) 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, TAS 202-94
- Along with marked-up drawings and installation diagram of aluminum outswing entrance doors, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. Test Reports No. **FTL-4595**, dated 04/18/05 and **FTL-4256**, dated 07/20/04, both signed and sealed by Edmundo Largaespada, P. E.
- C. CALCULATIONS** (transferred from file # 09-0413.02)
1. Statement of conformance to FBC 2007, issued by Al-Farooq Corp dated Aug 04, 2010, signed and sealed by Javad Ahmad, P.E.
  2. Anchor verification, comparative and structural analysis, prepared by AL- Farooq Corporation, dated 06/09/08, signed and sealed by late Dr. Humayoun Farooq, P.E.
  3. Glazing complies w/ ASTME-1300-02 & -04
- D. QUALITY ASSURANCE**
1. Miami Dade Building and Neighborhood Compliance Department (BNC).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **08-0520.08** issued to Solutia, Inc. for "Vanceva Composites", expiring on 12/11/13.
  2. Notice of Acceptance No. **10-0922.09** issued to E.I. DuPont DeNemours & Co., Inc. for the "**DuPont Butacite® PVB, Interlayer**", expiring on 12/11/11.
- F. STATEMENTS**
1. Statement letter of conformance and letter of no financial interest, prepared by Al Farooq Corporation, dated Aug 04, 2010, signed and sealed by Javad Ahmad, P.E.
  2. Statement letter of code compliance to FBC 2004/2007 and "No financial interest", dated 06-05-08 signed and sealed by Dr. Humayoun Farooq, P.E.
  3. Statement letter issued by Delta Doors dated Aug. 09, 2010, requesting renewal without no change, signed by Orlando P. carral.
  4. Statement letter of Lab compliance, as a part of above referenced test reports
- G. OTHER**
1. This NOA **revises & renews** NOA # **09-0413.02**, expired on Nov. 03, 2010.
  2. Test proposals # 02-0472 & # 06-0182, issued by BCCO.

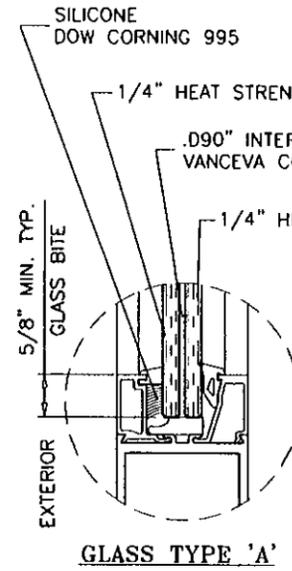
*Ishaq I. Chanda*

Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 10-1102.01

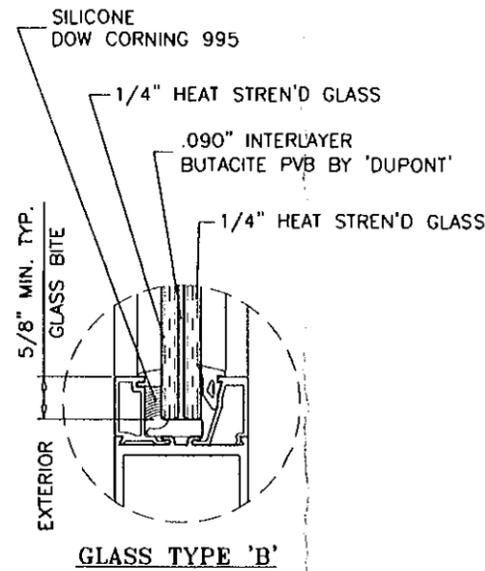
Expiration Date: November 03, 2015  
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NOMINAL DIMS.		DESIGN LOAD CAPACITY-PSF	
LEAF HEIGHT INCHES	LEAF WIDTH INCHES	EXT.(+)	INT.(-)
80	24	120.0	120.0
	30	120.0	120.0
	36	120.0	120.0
	42	120.0	120.0
84	24	120.0	120.0
	30	120.0	120.0
	36	120.0	120.0
	42	120.0	120.0
90	24	120.0	120.0
	30	120.0	120.0
	36	120.0	120.0
	42	120.0	120.0
96	24	120.0	120.0
	30	120.0	120.0
	36	120.0	120.0
	42	112.5	112.5
102	24	120.0	120.0
	30	120.0	120.0
	36	120.0	120.0
	42	105.9	105.9
108	24	120.0	120.0
	30	120.0	120.0
	36	116.7	116.7
	42	100.0	100.0

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



GLASS TYPE 'A'



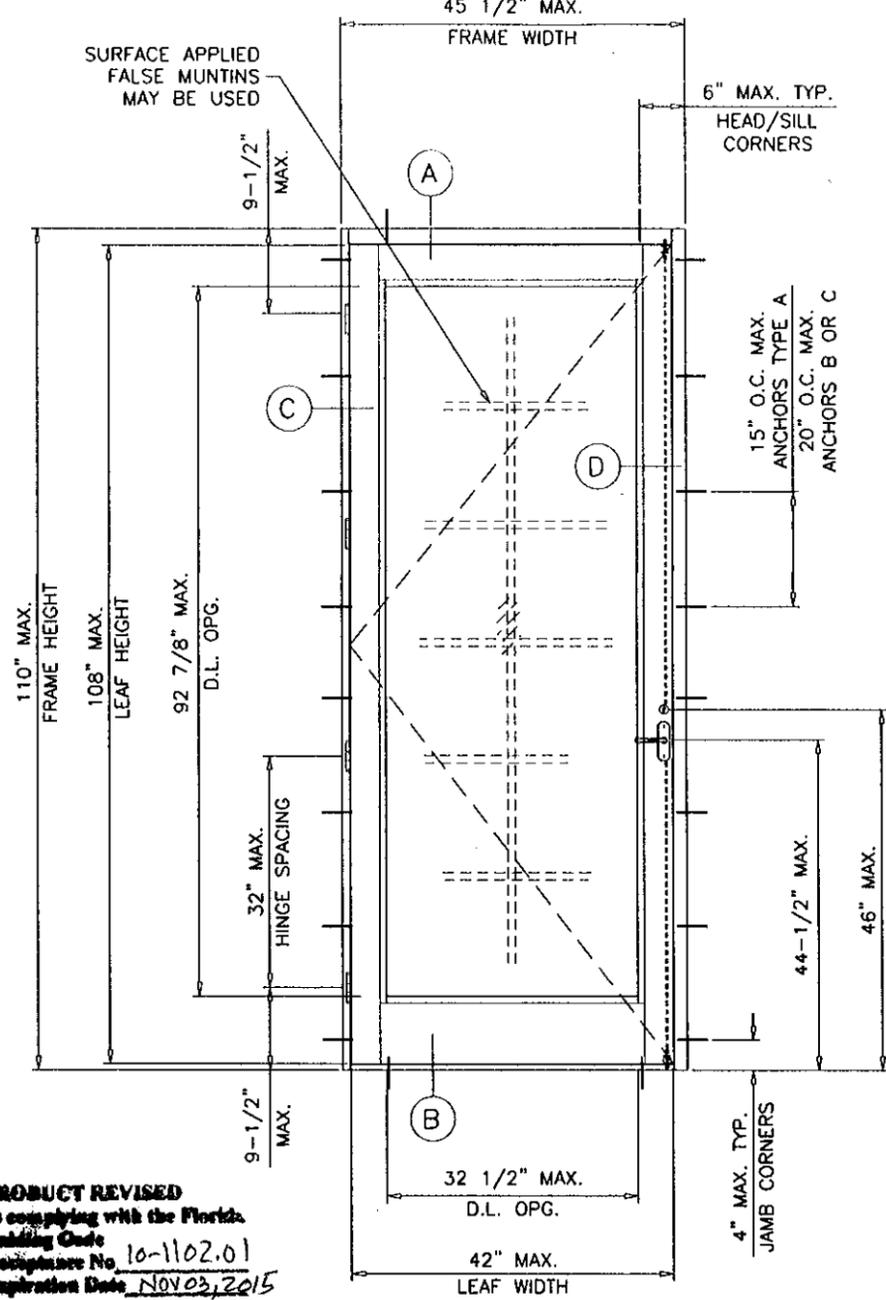
GLASS TYPE 'B'

GLAZING OPTIONS

GLASS D.L.O. DIMS.

D.L.O. HEIGHT = FRAME HEIGHT - 17.125"  
D.L.O. WIDTH = FRAME WIDTH - 13"

PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No 10-1102.01  
Expiration Date NOV 03, 2015  
Kshaj L. Chandu  
Miami Dade Product Control



( X )  
TYPICAL ELEVATION

THIS PRODUCT RATED FOR SMALL MISSILE IMPACT.  
MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS  
REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE  
SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*JA*  
MAR 21 2011

SERIES BAL-350

ALUMINUM OUT-SWING ENTRANCE DOOR

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

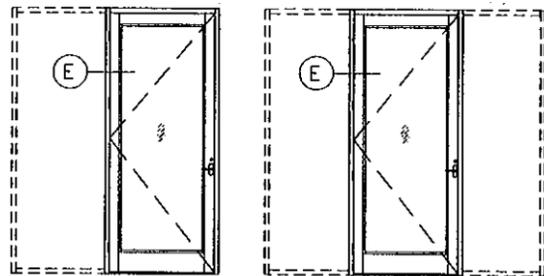
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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 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 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



BALCONY DOOR CAN BE USED WITH SIDELITES.  
FOR LIMITATIONS SEE SEPARATE MIAMI-DADE COUNTY NOA.

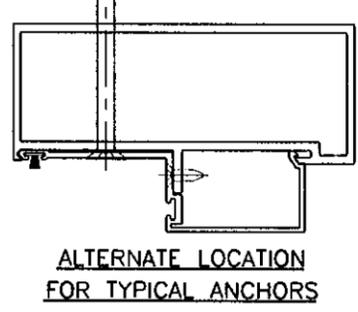
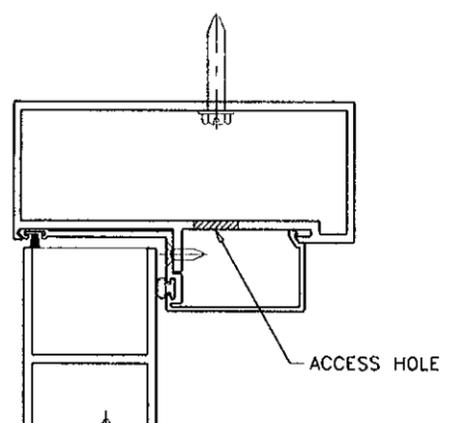
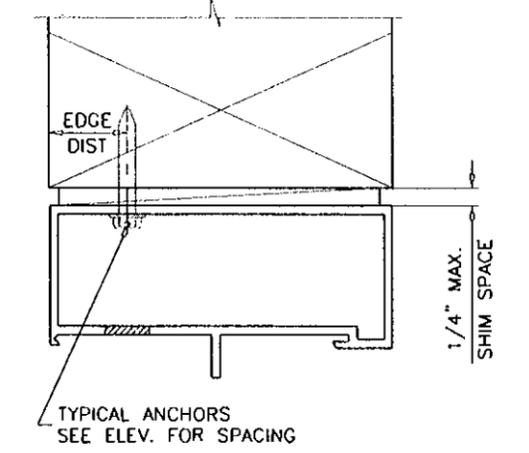
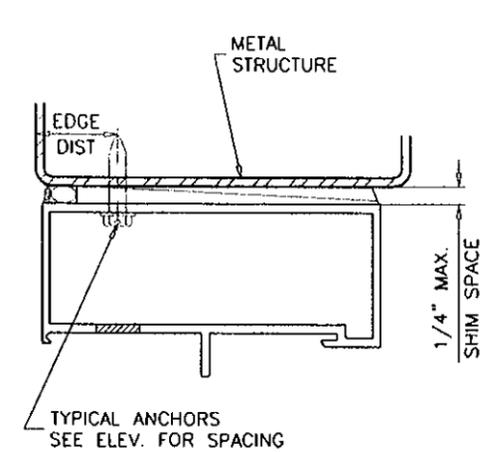
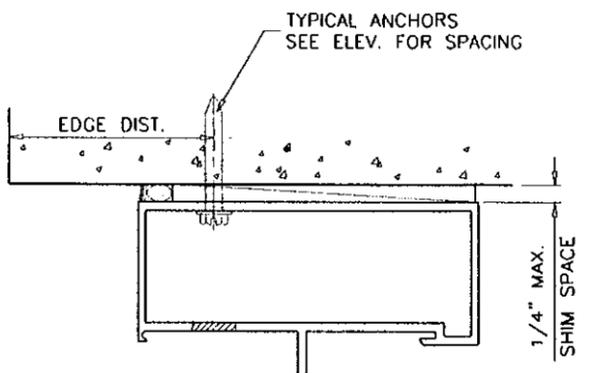
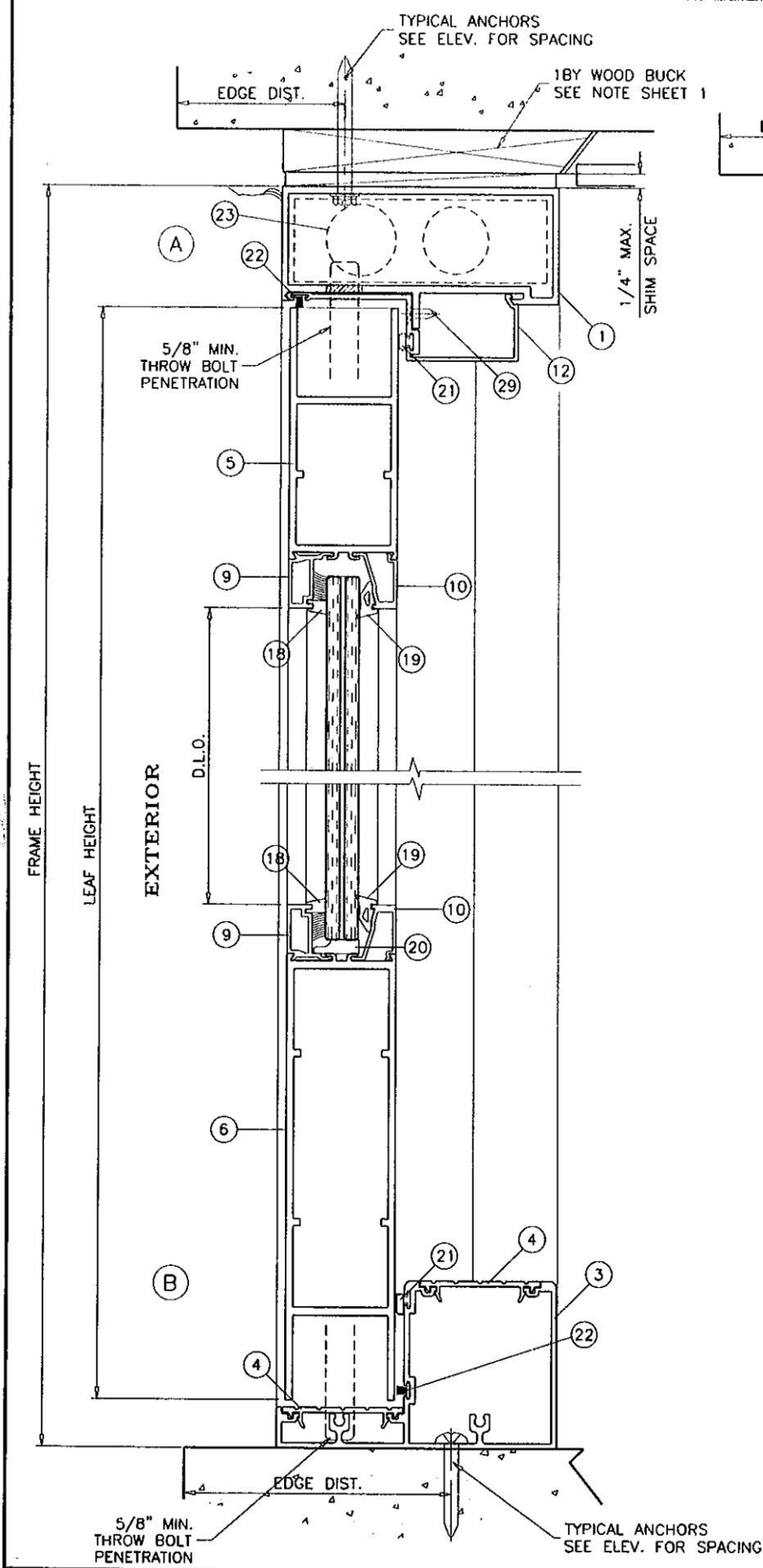
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W04-8500

SERIES BAL-350 ALUM ENTRANCE DOOR (S.M.I.)  
**DELTA DOORS**  
7191 N.W. 77 TERR.  
MIAMI, FL 33166  
TEL (305) 888-0077 FAX (305) 884-3111

no	date	by	description
A	10.17.05		NO CHANGE THIS SHEET
B	06.05.08		UPDATED FOR 2007 FBC
C	02.07.11		REV. PER BCCO COMMENTS

date: 10-08-04  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W04-85**  
sheet 1 of 5



**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 10-1102-01  
 Expiration Date NOV 23, 2015  
 By Ismael L. Chandra  
 Miami Door Product Control

- TYPICAL ANCHORS:** SEE ELEV. FOR SPACING
- TYPE 'A'- 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD  
 THRU 1BY BUCKS INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
  - TYPE 'B'- 1/4" DIA. ULTRACON BY 'ELCO'  
 DIRECTLY INTO CONC. OR MASONRY  
 1-3/8" MIN. EMBED INTO CONC. OR MASONRY
  - TYPE 'C'- #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)  
 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)

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

CONCRETE f'c = 3000 PSI MIN.  
 MASONRY f'm = 1500 PSI MIN.

**SEALANTS:**  
 FRAME CORNERS, ASSEMBLY SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH SEALER. LEAF JOINTS SEALED WITH SILICONE.

**LOCK:**  
 THREE POINT LOCK SYSTEM WITH SURFACE MOUNT HANDLE AT 44-1/2" FROM BOTTOM.

DEAD BOLT LOCK KEY OPERATED ON EXTERIOR AND THUMBTURN ON INTERIOR, AT 46" FROM BOTTOM.

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

*J.A.*  
 MAR 21 2011

1BY OR 2BY WOOD BUCKS AND METAL STRUCTURES NOT BY DELTA DOORS, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
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 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W04-85DD

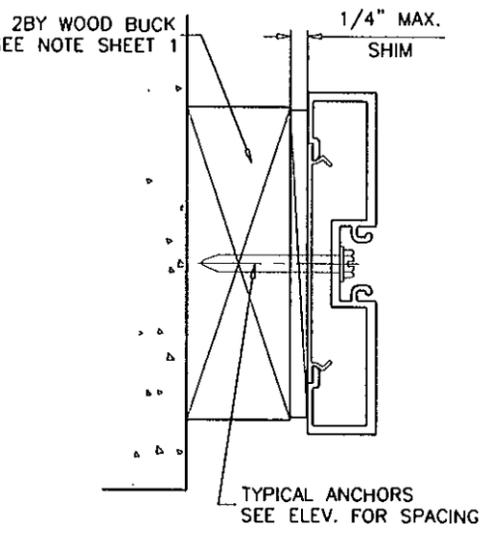
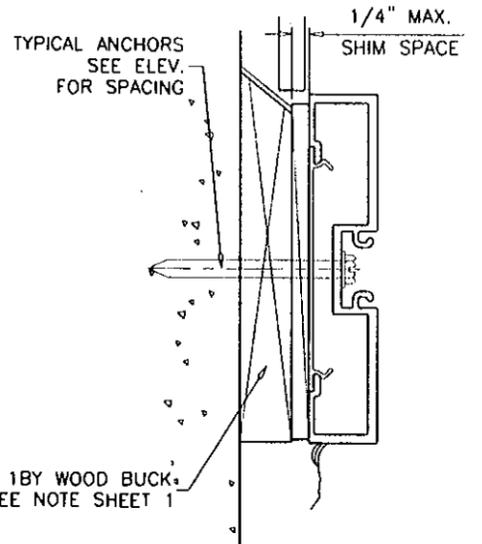
SERIES BAL-350 ALUM ENTRANCE DOOR (S.M.I.)  
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 MIAMI, FL 33166  
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no	date	description
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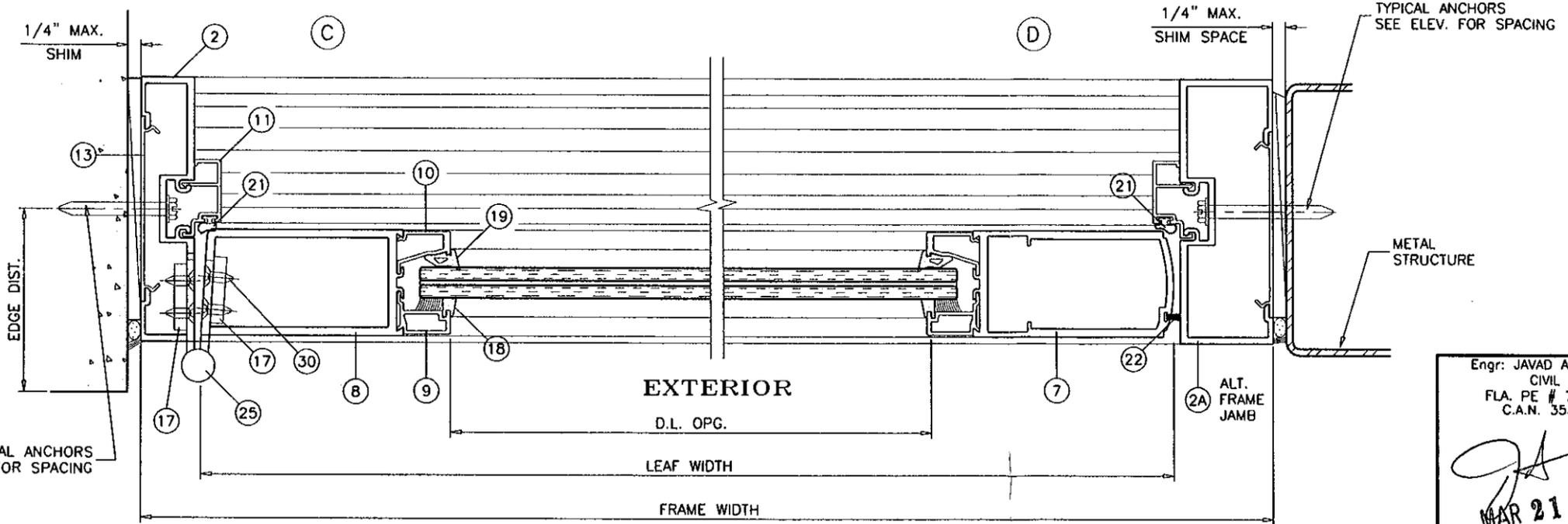
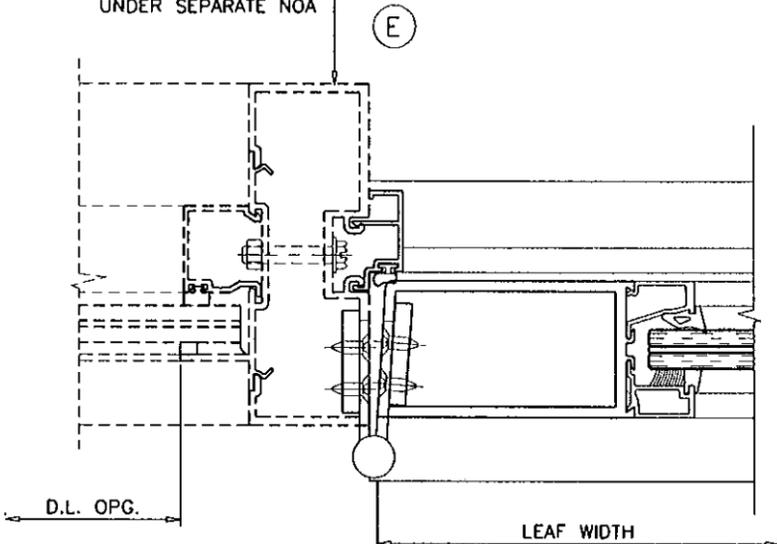
date: 10-08-04  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W04-85**  
 sheet 2 of 5

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	DLD-105	1	FRAME HEAD	6063-T6	-
2	DLD-119	2	FRAME JAMB	6063-T6	-
2A	DLD-124	2	ALT. FRAME JAMB	6063-T6	-
3	DLD-122	1	FRAME SILL	6063-T6	-
4	DLD-123	1	SILL FILLER	6063-T6	-
5	DLD-107M	1/ LEAF	TOP RAIL	6063-T6	-
6	DLD-110M	1/ LEAF	BOTTOM RAIL	6063-T6	-
7	DLD-115	1/ LEAF	LOCK STILE	6063-T6	-
8	DLD-114	1/ LEAF	HINGE STILE	6063-T6	-
9	DLD-108M	4/ LEAF	EXTERIOR GLASS STOP	6063-T6	-
10	DLD-109M	4/ LEAF	INTERIOR GLASS STOP	6063-T6	-
11	BCE-460	2/ DOOR	DOOR STOP JAMB	6063-T6	-
12	DLD-106	1/ DOOR	DOOR STOP HEAD	6063-T6	-
13	BCE-475	AS REQD.	FLAT FILLER, 2-1/2" LONG	6063-T5	AT ANCHOR LOCATIONS
14	DH-6	-	END CAP ANGLE	ALUMINUM	4 11/16" LONG
15	DH-4	-	SHEAR BLOCK CHANNEL	ALUMINUM	4 11/16" LONG
16	DLD-3	-	SHEAR CLIP	6063-T5	-
17	-	-	HINGE REINFORCING PLATE	ALUMINUM	1-1/4" X 1/4" X 8" LONG
17A	#12 X 1/2"	4/ PLATE	HINGE PLATE SCREWS	-	FH MS
18	TR-5399S	-	EXTERIOR GASKET	DUROMETER SILICONE	-
19	TR-3235E	-	INTERIOR GASKET	DUROMETER EPDM	-
20	995	-	GLAZING COMPOUND	SILICONE	DOW CORNING
21	BW-75	AS REQD.	BULB W'STRIPPING	VINYL	.375" H X .270 T-SLOT
22	T4216-K	AS REQD.	PILE W'STRIPPING	-	-
23	3031	AS REQD.	OVERHEAD CONCEALED CLOSURE	-	REGENT
24	1350	-	SETTING BLOCK	-	-
25	-	4/ LEAF	BUTT HINGES (4-1/2" X 4")	-	HAGER USA
26	#12 X 1-1/4"	AS REQD.	FRAME ASSEMBLY SCREWS	-	P.H. SMS
27	#12 X 1-1/4"	AS REQD.	FRAME ASSEMBLY SCREWS	-	F.H. SMS
28	1/4-20 X 5/8"	AS REQD.	FRAME ASSEMBLY SCREWS	-	H.H. MACHINE SCREWS
29	10-24 X 1/2"	4/ LEAF	DOOR STOP SCREWS	-	F.H. MACHINE SCREWS
30	12-24 X 1/2"	4/ HASP	HINGE INSTALLATION SCREWS	-	F.H. MACHINE SCREWS



MIAMI-DADE COUNTY APPROVED  
SMALL MISSILE IMPACT RESISTANT  
STOREFRONT SYSTEM BY 'DELTA DOORS'  
UNDER SEPARATE NOA



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No 10-1102-01  
Expiration Date NOV 3, 2015  
By Shag J. Hank  
Delta Doors Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
  
MAR 21 2011

**af c**  
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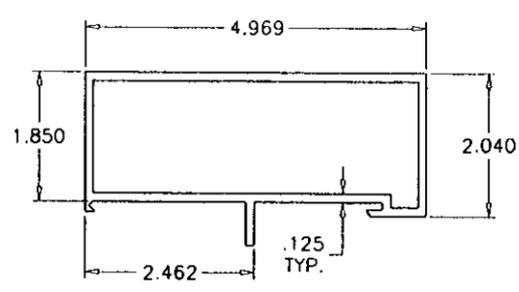
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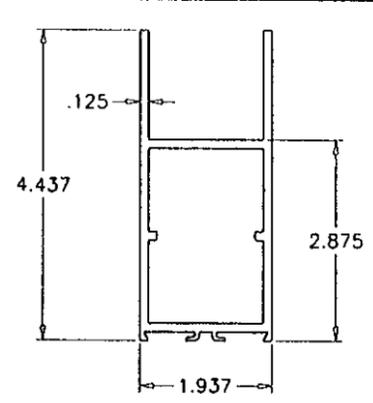
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dr. by: HAMID	chk. by:

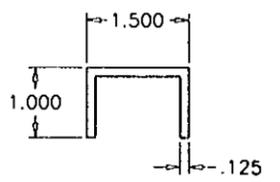
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**W04-85**  
sheet 3 of 5



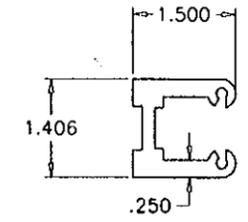
1 FRAME HEAD



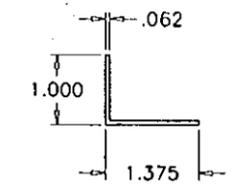
5 TOP RAIL



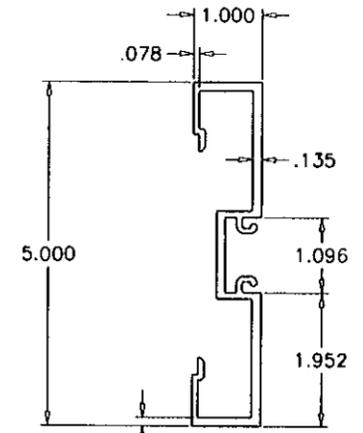
15 SHEAR BLOCK



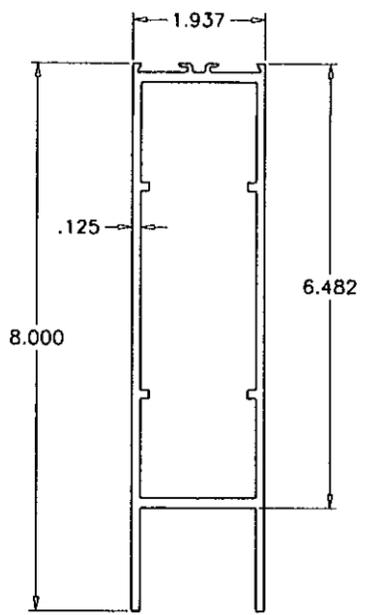
16 SHEAR CLIP



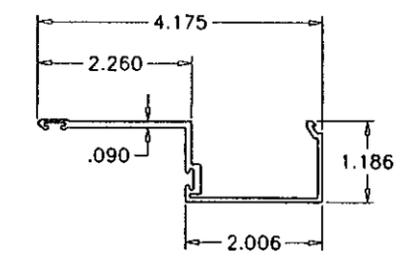
14 END CAP ANGLE



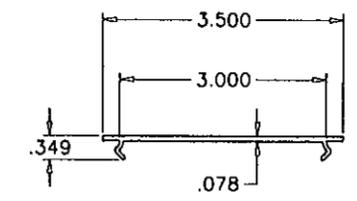
2 FRAME JAMB



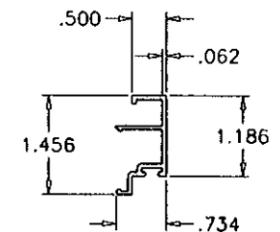
6 BOTTOM RAIL



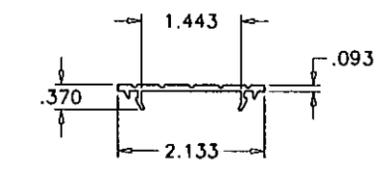
12 DOOR STOP JAMB



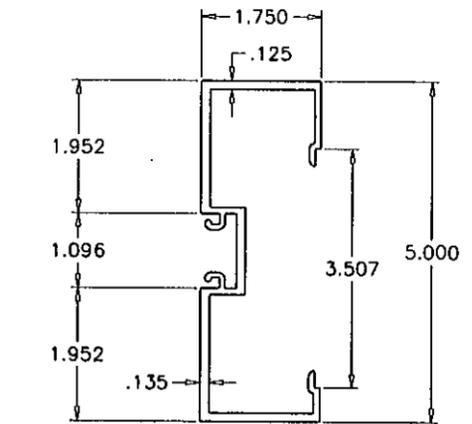
13 FLAT FILLER



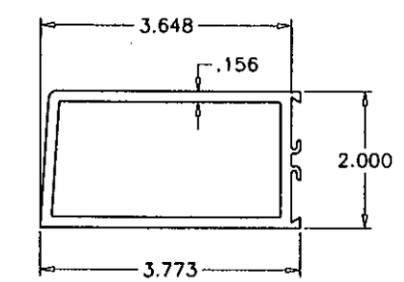
11 DOOR STOP JAMB



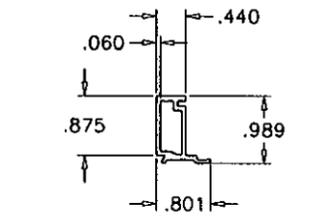
4 SILL FILLER



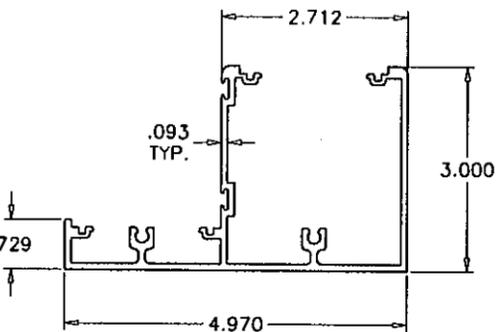
2A ALT. FRAME JAMB



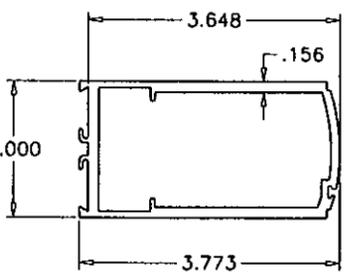
8 HINGE STILE



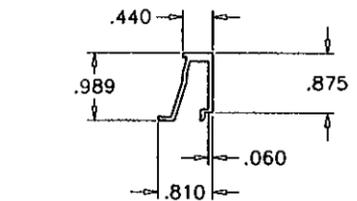
9 EXTERIOR GLASS STOP



3 FRAME SILL



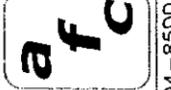
7 LOCK STILE



10 INTERIOR GLASS STOP

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 10-1102-01  
 Expiration Date: NOV 03, 2015  
 By: Ishaq I. Chaudhry  
 Internal Dept. Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
 MAR 21 2011



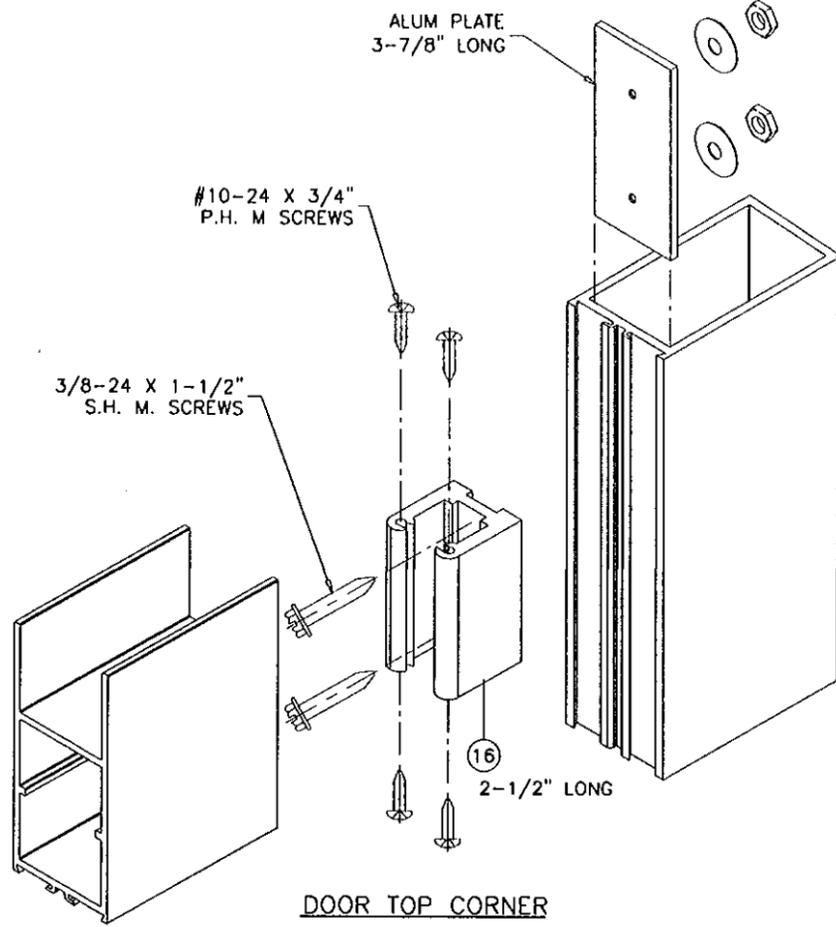
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL (305) 264-8100 FAX (305) 262-6978  
 COMP - ANL \W04 - 85DD

SERIES BAL-350 ALUM ENTRANCE DOOR (S.M.I.)  
**DELTA DOORS**  
 7191 N.W. 77 TERR.  
 MIAMI, FL 33166  
 TEL. (305) 888-0077 FAX. (305) 884-3111

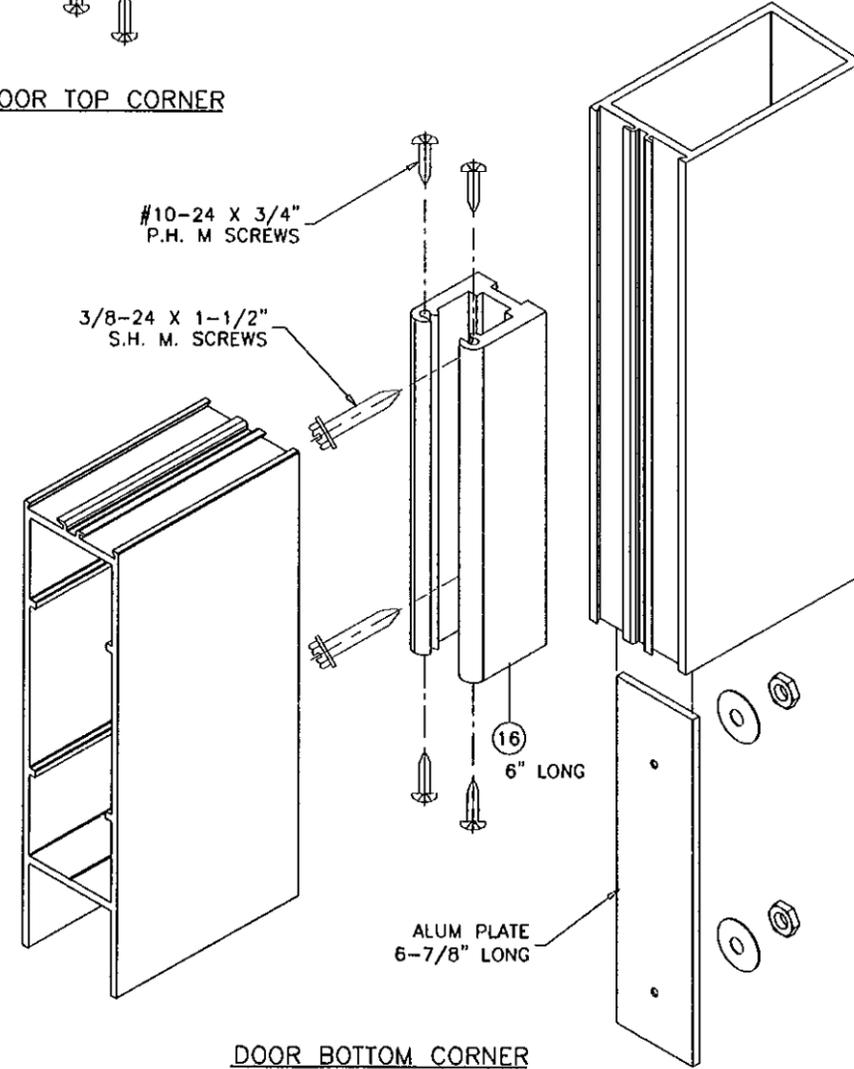
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B	06.05.08		UPDATED FOR 2007 FBC
C	02.07.11		NO CHANGE THIS SHEET

date: 10-08-04  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:

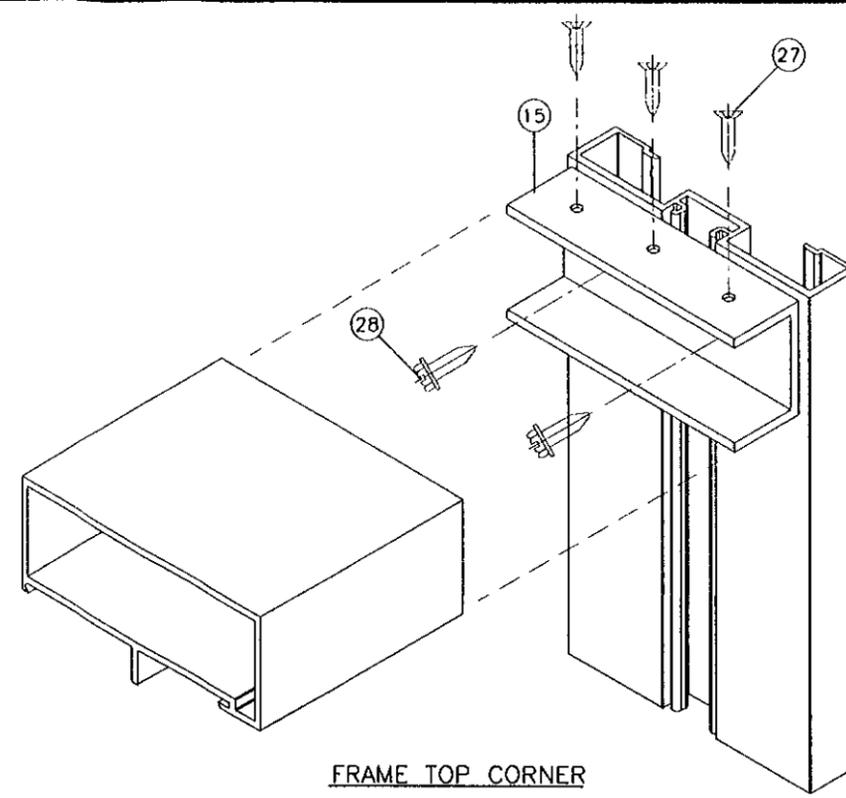
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**W04-85**  
 sheet 4 of 5



DOOR TOP CORNER

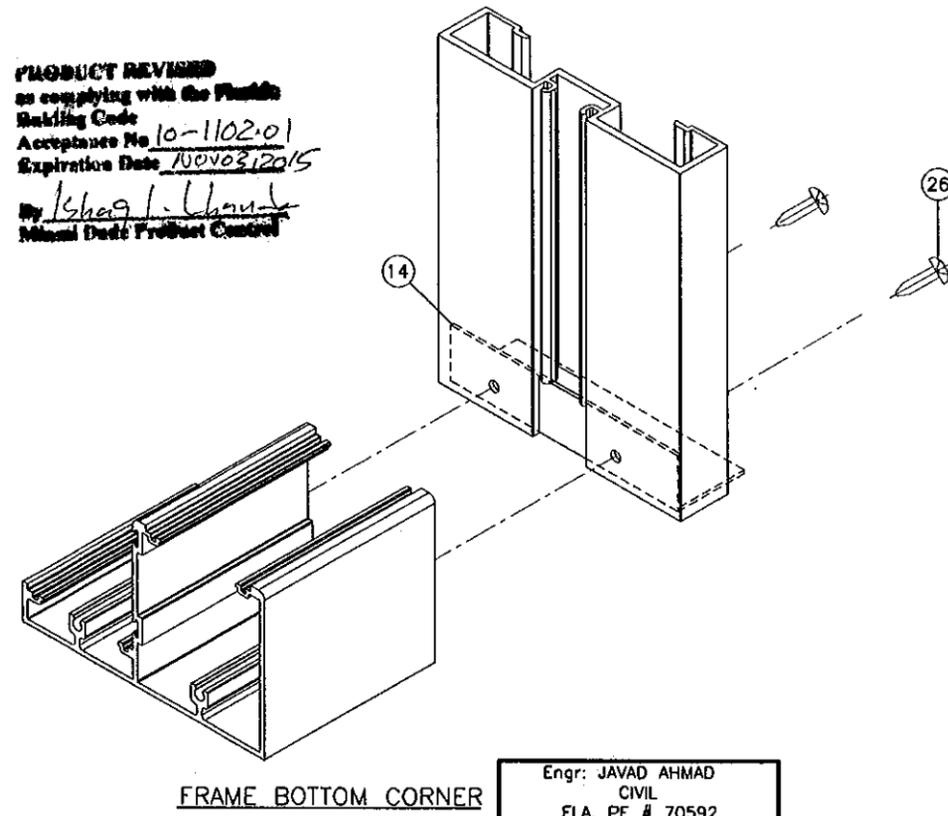


DOOR BOTTOM CORNER



FRAME TOP CORNER

PRODUCT REVIEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 10-110201  
 Expiration Date 11/03/2015  
 By: *Sheag L. L...*  
 Miami Dept Product Control



FRAME BOTTOM CORNER

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
*JA*  
 MAR 21 2011

**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\W04-85DD

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revisions:

no	date	by	description
A	10.17.05		REV. PER BCCO COMMENTS
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C	02.07.11		NO CHANGE THIS SHEET

date: 10-08-04  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W04-85**  
 sheet 5 of 5