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

NOTICE OF ACCEPTANCE (NOA)

CRL Impact Doors, Inc. dba Delta Doors 7500 NW 69th 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 "DMS-35" Outswing Aluminum Entrance Door w/wo Transom

APPROVAL DOCUMENT: Drawing No. W11-07, titled "Series DMS-35 Alum Entrance Door (NI)", sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 02-24-11 and last revised on SEP 26, 2011, signed and sealed by Javad Ahmad, 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 Section.

MISSILE IMPACT RATING: None. Approved Hurricane Protection Devices, complying w/FBC are required.

Limitation:

1. Lower design pressure from door capacity charts (sheet 1) or Horizontal mullion capacity charts (sheet2) shall apply for single or double doors w/ transom (O/X or O/XX).

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", 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.



NOA No 11-0415.02 Expiration Date: October 13, 2016 Approval Date: October 13, 2011

Page 1

CRL Impact Doors, Inc. dba Delta Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. W11-07, titled "Series DMS-35 Alum Entrance Door (NI)", sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 02-24-11 and last revised on SEP 26, 2011, signed and sealed by Javad Ahmad, 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) 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-4242, dated 08/18/04, signed and sealed by Edmundo Largaespada, 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) 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 Hurricane Engineering & Testing, Inc., Test Reports No.(s) **HETI-03-1325**, dated 03/17/04, signed and sealed by Rafael E. Droz-Seda, P. E.

C. CALCULATIONS

- 1. Anchor verification, comparative and structural analysis, prepared by AL-Farooq Corporation, dated 03/22/11 and last revised on Sep 26, 2011, signed and sealed by late Javad Ahmad, P.E.
- 2. Glazing complies w/ ASTME-1300-02 & -04

D. QUALITY ASSURANCE

1. Miami Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

- 1. Statement letter of conformance to FBC 2007 and 2010 statement of no financial interest, prepared by Al Farooq Corporation, dated Oct 05, 2011, signed and sealed by Javad Ahmad, P.E.
- 2. Asset purchase agreement between CRL Impact Doors, Inc. and Vidco Industries, Inc., dated December 17, 2010, signed by Mr. Lloyd W. Talbert and Mr. Jesus Martinez, respectively.
- 3. Delta Doors fictitious name listing by owner Vidco Industries Inc, with Florida Department of State (Sunbitz).
- 4. Statement letter of Lab compliance, as a part of above referenced test reports

G. OTHER

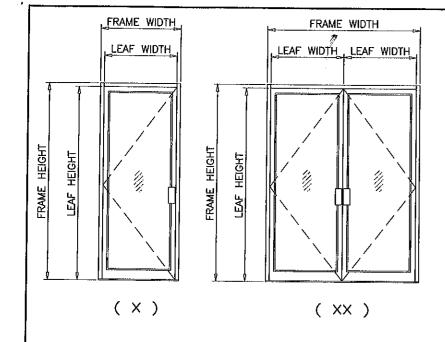
1. Test proposals # 02-0472 dated 06/11/03, approved by BCCO.

Ishaq I. Chanda, P.E. Product Control Examiner

NOA No 11-0415.02

Expiration Date: October 13, 2016 Approval Date: October 13, 2011

E - 1



DESIGN LOAD CAPACITY - PSF SINGLE OR DOUBLE ENTRANCE DOORS W/O TRANSOM						
NOMINAL DIMS.					LOADS - PSF	
FRAME WIDTH (x)	FRAME WIDTH (XX)	FRAME HEIGHT INCHES	LEAF WIDTH INCHES	LEAF HEIGHT INCHES	EXT.(+)	INT.(-)
33-1/2"	63-1/2"	85-1/2	29-3/4	83	82.3	82.3
39-1/2"	75-1/2"	00 1/2	35-3/4		68.6	68.6
33-1/2" 39-1/2"	63-1/2"	97-1/2	29-3/4 35-3/4	95	72.0	72.0
39-1/2"	75-1/2"	97-1/2	35-3/4		60.0	60.0

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

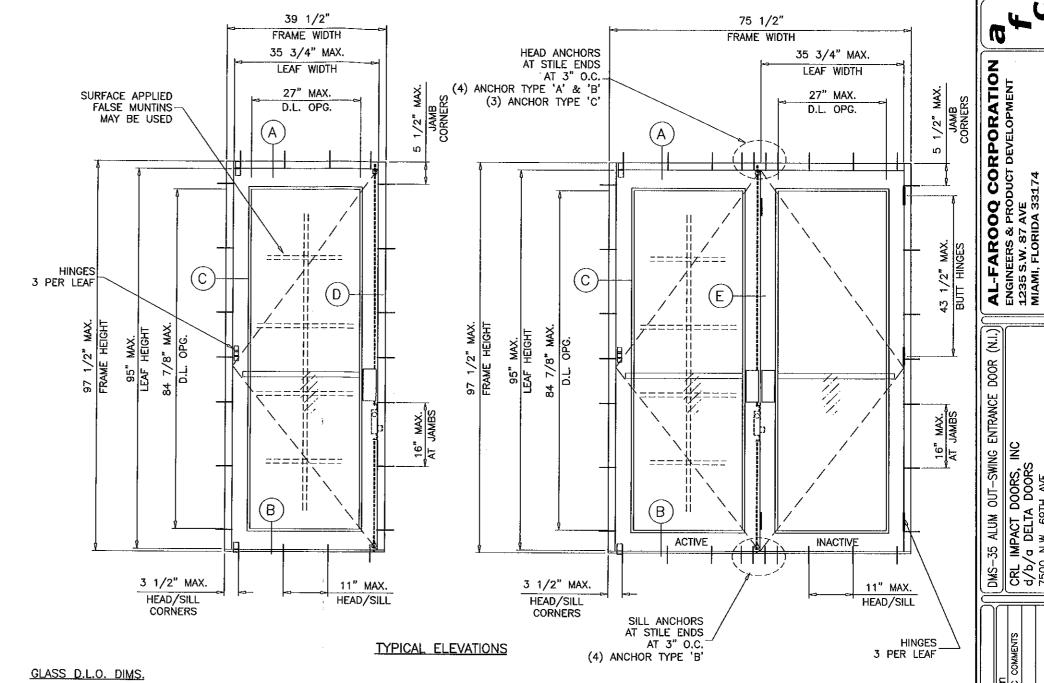
DMS-35 ALUMINUM OUT-SWING ENTRANCE DOOR

SINGLE (X) AND DOUBLE (XX) LEAF DOORS W/O TRANSOM SEE CHART ABOVE FOR DESIGN LOAD CAPACITY.

FOR HORIZONTAL MULLION (TRANSOM BAR) SEE HORIZONTAL MULLION LOAD CAPACITY CHARTS ON SHEET 2. LOWER VALUE RESULTING FROM DOOR CAPACITY CHART OR HORIZONTAL MULLION CAPACITY CHARTS WILL APPLY FOR DOORS WITH TRANSOM (0/X OR 0/XX).

DOORS CAN ALSO BE USED WITH 'DSF-450' STOREFRONT SYSTEM. FOR DOORS WITH STOREFRONT SYSTEM SEE SEPARATE NOA FOR DOOR MULLION CAPACITY AND ANCHORING REQUIREMENTS. THE LOWEST VALUE RESULTING FROM DOOR CAPACITY CHARTS OR STOREFRONT NOA WILL APPLY TO ENTIRE SYSTEM.

DOORS NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.



D.L.O. HEIGHT = FRAME HEIGHT - 10.625"

D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 12.50"

D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 21.50")/2

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007/2010 EDITION 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 2007 FLORIDA BLDG. CODE SECTION 2003,8,4.

DOORS NOT RATED FOR IMPACT.

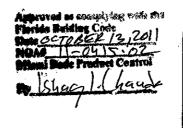
INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

Engr: JAVAD AHMAD

CIVIL

FLA. PE # 70592 C.A.N. 3538

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.



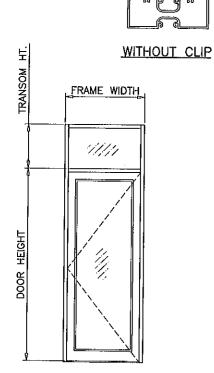
MONOLITHIC GLASS NON-IMPACT

02-24-11 <u>خ</u> 뉴 drawing W11-07 sheet 1 of 8

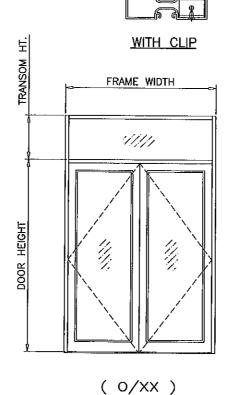
CRL IN d/b/a 7500 N MIAMI,

DESIGN LOAD CAPACITY - PSF SINGLE DOOR HORIZONTAL MULLION (TRANSOM BAR) WITHOUT CLIP					
NOMINAL DIMS.			LOADS - PSF		
FRAME WIDTH INCHES	DOOR HEIGHT INCHES	TRANSOM HEIGHT INCHES	EXT. (+) INT. (-)		
33-1/2	97-1/2	22-1/2	60.0		
		26-1/2	51.4		
39-1/2	97-1/2	22-1/2	60.0		

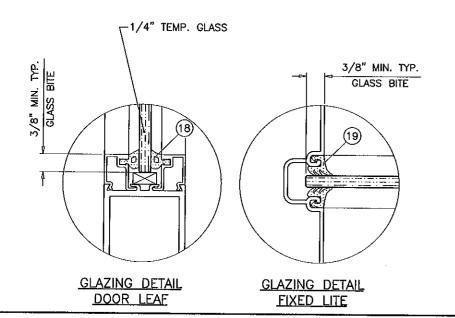
DESIGN LOAD CAPACITY - PSF DOUBLE DOOR HORIZONTAL MULLION (TRANSOM BAR) WITH ANGLE REINFORCED CLIP					
NOMINAL DIMS.			LOADS - PSF		
FRAME WIDTH INCHES	DOOR HEIGHT INCHES	TRANSOM HEIGHT INCHES	EXT. (+) INT. (-)		
63-1/2	97-1/2	22-1/2	60.0		
		26-1/2	51.4		
75-1/2	97-1/2	22-1/2	60.0		

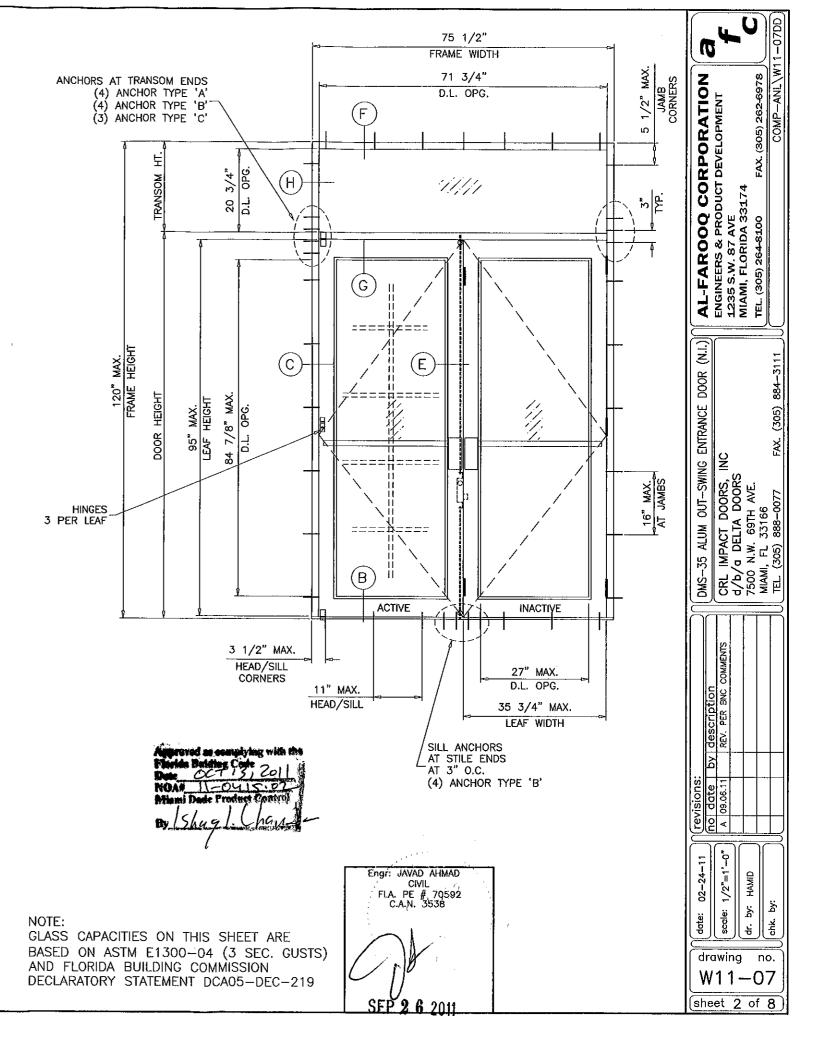


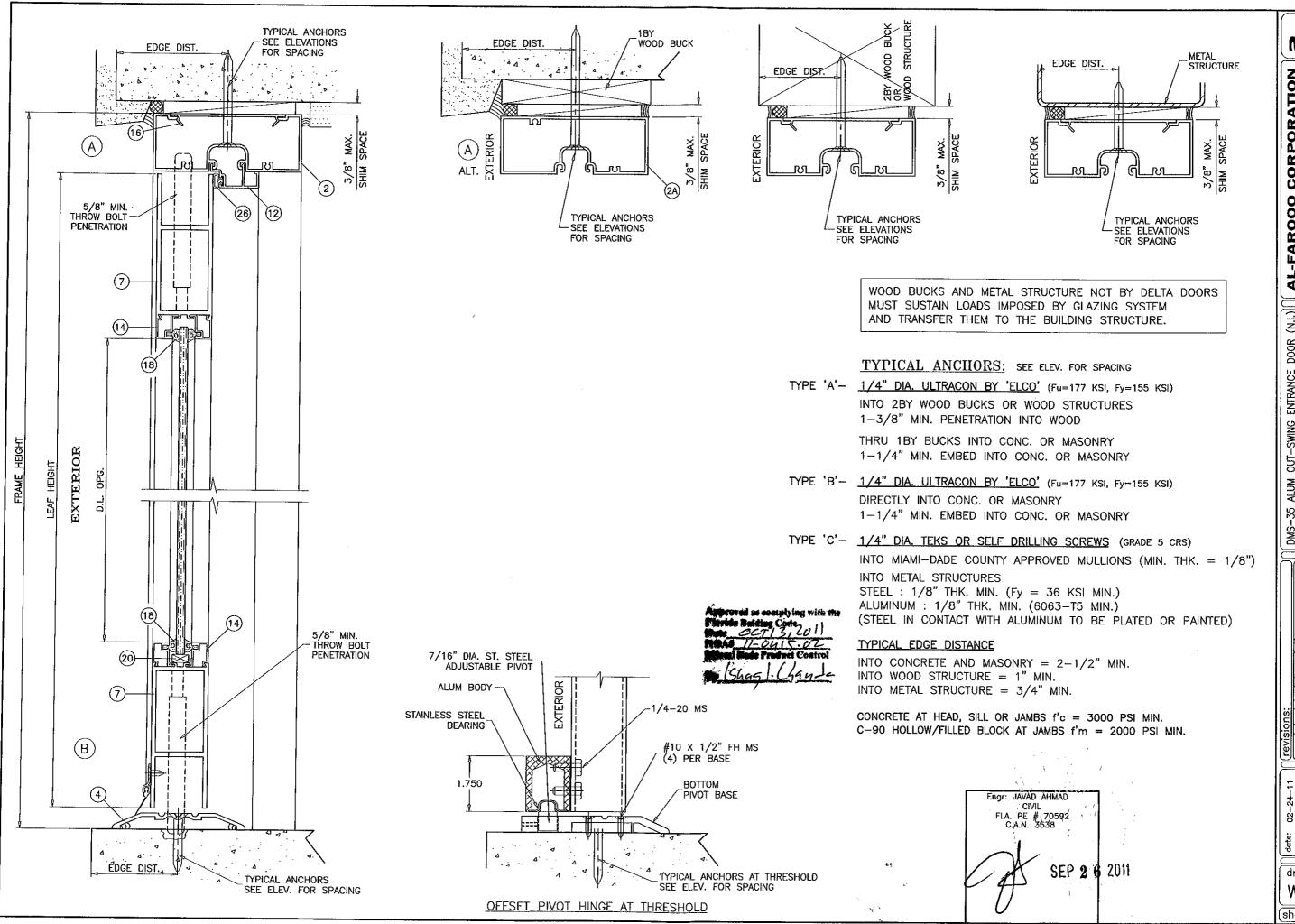
(0/X)



NOTE:
FOR DOORS CAPACITY SEE SHEET 1.
FOR HORIZONTAL MULLION CAPACITY SEE CHART ABOVE.
LOWER VALUES FROM DOORS OR HORIZONTAL MULLION CHART
WILL APPLY TO ENTIRE SYSTEM.







a C

305) 262-6978

Q CORPORATIC RODUCT DEVELOPMENT

L-FAROOQ CORFIGINEERS & PRODUCT DEN 35 S.W. 87 AVE
AMI, FLORIDA 33174

-35 ALUM OUT-SWING ENTRANCE DOOR
IMPACT DOORS, INC
J/a DELTA DOORS

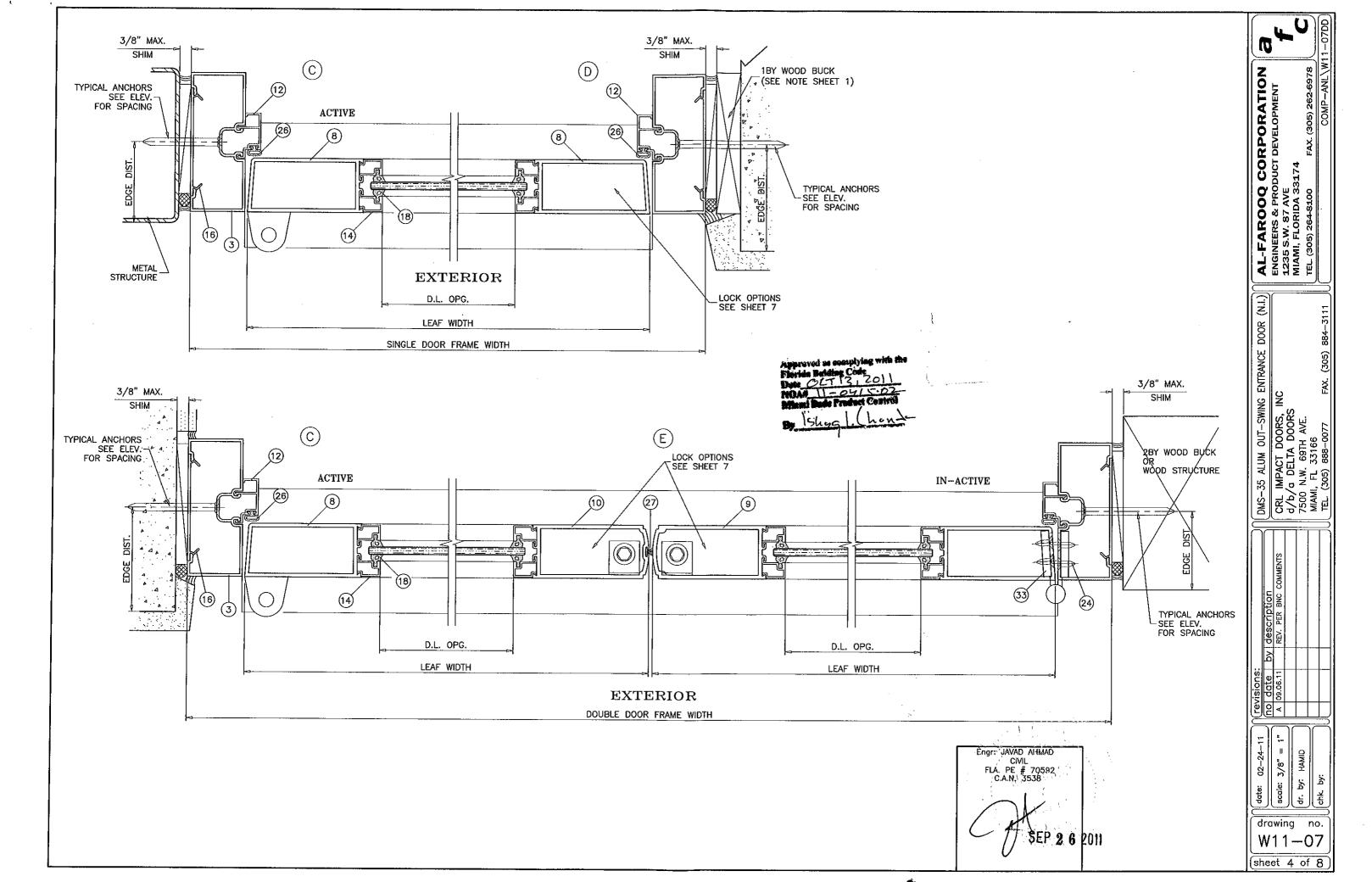
1" no date by description
1" A 09.06.11 REV. PER BNC COMMENT

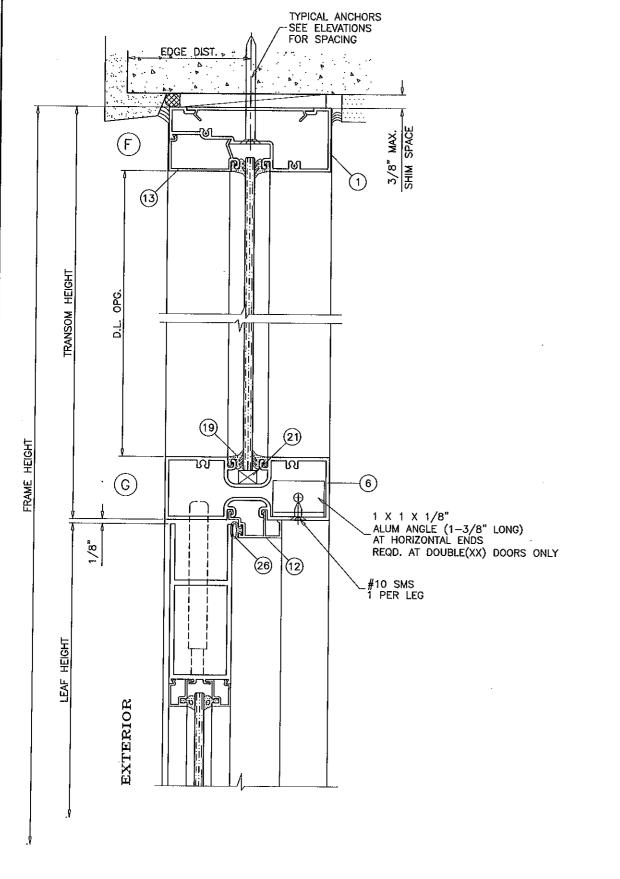
scale: 3/8" = 1"

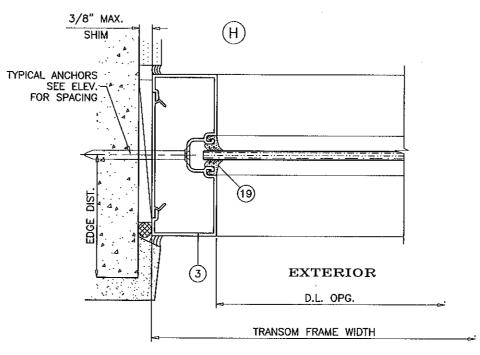
dr. by: HAMID

drawing no. W11-07

sheet 3 of 8







Approved as complying with the Floride Building Code.

Part 3/2011

PART II - 0415.02

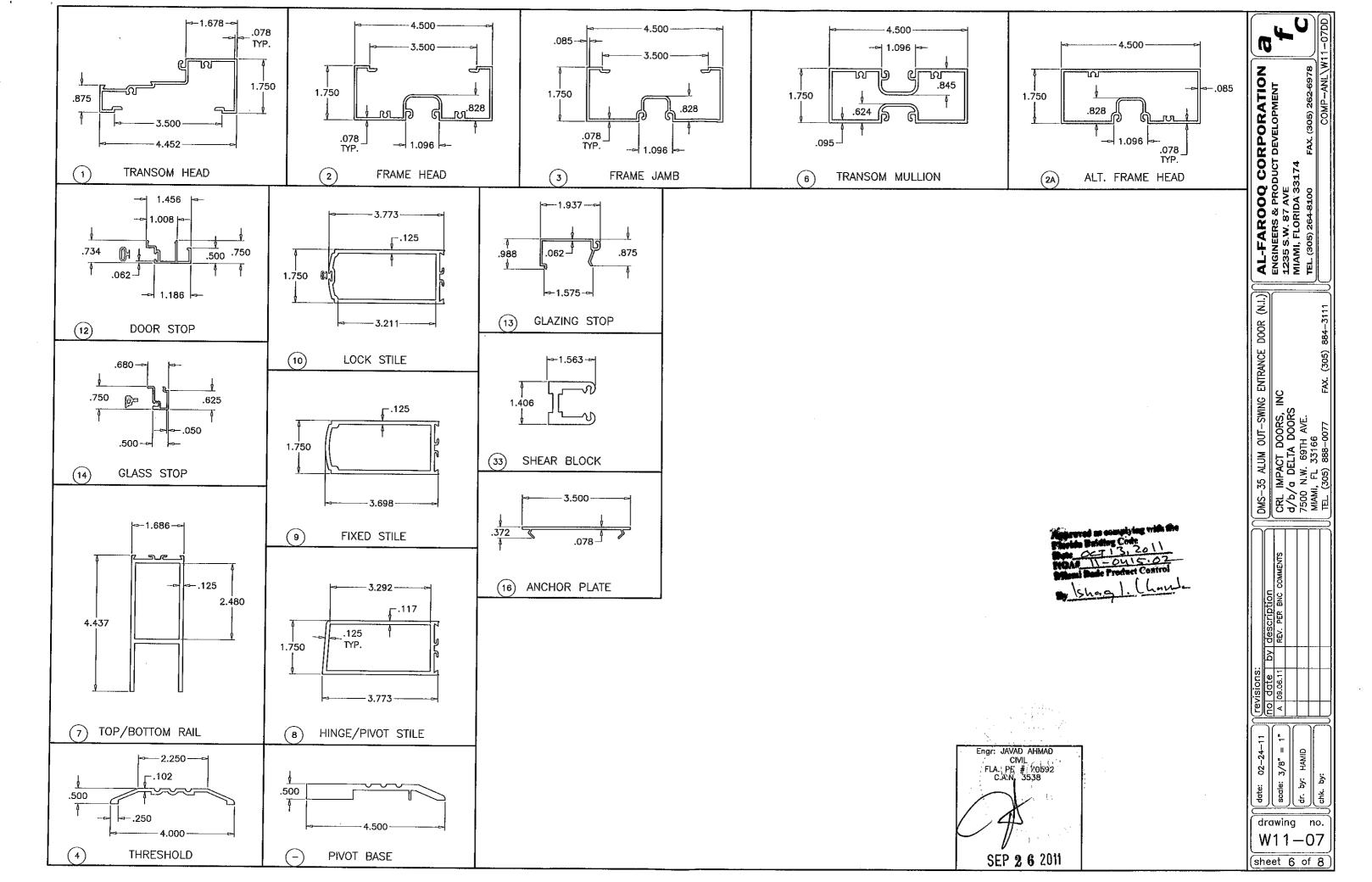
Minus Rade Product Control

Shand J. Chanda

Engr: JAVAD AHMAD. CIVIL, FLA. PE: # 70592 C.A.N. 3538 AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

DMS-35 ALUM OUT-SWING ENTRANCE DOOR CRL IMPACT DOORS, INC HAMID drawing

sheet 5 of 8



LOCK OPTIONS SINGLE DOORS: OPTION #1

8 PLY MORTISE HOOK LOCK REGENT SERIES #2333 THUMB TURN ON INTERIOR AND KEY OPERATED ON EXTERIOR AT 44-1/2" FROM BOTTOM.

OPTION #2

THREE POINT LOCK REGENT SERIES #2222 THUMB TURN ON INTERIOR AND KEY OPERATED ON EXTERIOR AT 44-1/2" FROM BOTTOM.

LOCK OPTIONS DOUBLE DOORS: OPTION #1

ACTIVE LEAF:

8 PLY MORTISE HOOK LOCK REGENT SERIES #2333 THUMB TURN ON INTERIOR AND KEY OPERATED ON EXTERIOR AT 44-1/2" FROM BOTTOM.

INACTIVE LEAF

MANUALLY OPERTED FLUSH BOLTS REGENT #2502 WITH 3/8" DIA, BOLTS AT 12" FROM TOP AND BOTTOM

OPTION #2

ACTIVE LEAF:

THREE POINT LOCK REGENT SERIES #2222 THUMB TURN ON INTERIOR AND KEY OPERATED ON EXTERIOR AT 44-1/2" FROM BOTTOM.

INACTIVE LEAF

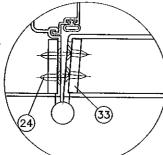
MANUALLY OPERTED FLUSH BOLTS REGENT #2502 WITH 3/8" DIA. BOLTS AT 12" FROM TOP AND BOTTOM

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	BCE-5457	1	TRANSOM HEAD	6063-T6	_
2	BCE-5451	1	FRAME HEAD	6063-T6	
2A	BCE-5433	1	ALT. FRAME HEAD	6063-T6	===
3	BCE-5450	2	OPEN BACK JAMB	6063-T6	-
4	BCE-3340	1	THRESHOLD	6063T6	_
6	BCE-452	AS REQD.	TRANSOM MULLION	6063T6	_
7	DLD-33	2/ LEAF	TOP/BOTTOM RAIL	6063-T6	_
8	BCE-3315	AS REQD.	HINGE OR PIVOT STILE	6063-T5	
9	BCE-3317	1/ LEAF	FIX STILE (INACTIVE PANEL)	6063-T5	_
10	BCE-3316	1/ LEAF	LOCK STILE (ACTIVE PANEL)	6063-T5	_
12	BCE-460	AS REQD.	DOOR STOP	6063-T5	
13	BCE-459	AS REQD.	GLAZING STOP	6063-T5	_
14	DLD-6	AS REQD.	GLASS STOP	6063-T5	-
16	BCE-475	AS REQD.	ANCHOR PLATE, 3" LONG AT ANCHORS	6063-T6	_
18		AS REQD.	GASKET, BULB DUROMETER 67, BASE DUROMETER 90	SANTOPRENE	~
19	2546	AS REQD.	GLAZING GASKET, DUROMETER 65±5	SOFT PVC	MELTPOINT PLASTICS
20		2/ LITE	SETTING BLOCK (DOOR), DUROMETER 90±5	EPDM	1/4" X 1/2" X 1" LONG
21		2/ LITE	SETTING BLOCK (TRANSOM), DUROMETER 90±5	EPDM	7/16" X 3/4" X 1-7/8" LONG
23	#10 X 1"	AS REQD.	FRAME ASSEMBLY SCREWS	_	P.H. SMS
24	12-24 X 1/2"	4/ HASP	HINGE INSTALLATION SCREWS	_	F.H. MACHINE SCREWS
26	BW-76		BULB W'STRIPPING, DUROMETER 70±5	VINYL	.444"H X .280 T-SLOT
27	T4216-K		PILE WITH FIN WEATHERSTRIPPING	_	ULTRAFAB
29	DH-4		SHEAR BLOCK	6063-T5	_
30	-	2	3 X 2 X 1/8" ANGLE, 1-3/4" LONG	ALUMINUM	-
32		2/ LEAF	FLUSH BOLT GUIDE CHANNEL	STEEL	3" LONG
33		2/ HINGE	HINGE REINFORCING PLATES	STEEL	1-1/2" X 1/4" X 8" LONG

HINGES:

OPTION #1:

4-1/2 X 4" X .134" THK. TWO PIECE STAINLESS STEEL BUTT HINGES BY HAGER (2) AT 8" FROM TOP AND BOTTOM (1) AT MIDSPAN OF LEAF AS REQD.

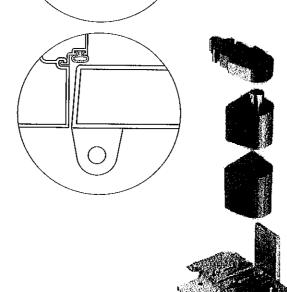


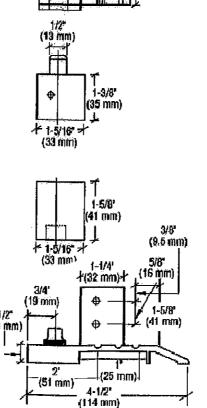
OPTION #2:

CAST ALUMINUM PIVOT HINGES BY REGENT

(2) AT TOP AND BOTTOM

(1) AT MIDSPAN OF LEAF AS REQD.





1-3/8

SEALANTS:

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

> NOAT 11-0415:02 Mismi Dade Product Control

Engr: JAVAD AHMAD LO.A.N

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174

DOOR

DMS-35 ALUM OUT-SWING ENTRANCE CRL IMPACT DOORS, INC

drawing

sheet 7 of 8

PIVOT HINGE

