



**MIAMI-DADE COUNTY**  
**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)**

**Commercial Door International, Inc.**  
**8504 E. Adamo drive, Unit M**  
**Tampa, Florida, 33619**

**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 "HC-5000 " Aluminum Outswing Door with Panic Device 2Pt. Lock- L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W00-40.**, titled "HC 5000 Series Aluminum Outswing Door. ", sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 08/07/00, revised on 06/24/05, signed and sealed by Humayoun Farooq, 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 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 **revises NOA # 01-0829.05** and, 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 **Herminio F. Gonzalez, P. E. , Director, BCCO**



**NOA No 05-0725.12**  
**Expiration Date: April 18, 2007**  
**Approval Date: September 29, 2005**  
**Page 1**

**Commercial Door International, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W00-40.**, titled "HC 5000 Series Aluminum Outswing Door.", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, dated 08/07/00, revised on 06/24/05, 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) 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 and TAS 202-94along with installation diagram of an aluminum outswing doors prepared Certified Testing Laboratories, Test Report No. **CTLA-1373W** dated 06/20/05, signed and sealed by Ramesh Patel, 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 203-94along with installation diagram of an aluminum outswing doors prepared National Certified Testing Laboratories, Test Report No. **NCTL-210-2657-1** dated 03-19-01, signed and sealed by Barry Portnoy, P.E.  
*"Submitted under NOA# 01-0829.05"*

**C. CALCULATIONS**

1. Anchor Calculations, and structural analysis, prepared by Al-Farooq Corporation, dated 07/13/05, signed and sealed by Humayoun Farooq, P.E.
2. Structural performance, comparative analysis and anchor verification calculations dated 08/07/01, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.  
*"Submitted under NOA# 01-0829.05"*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

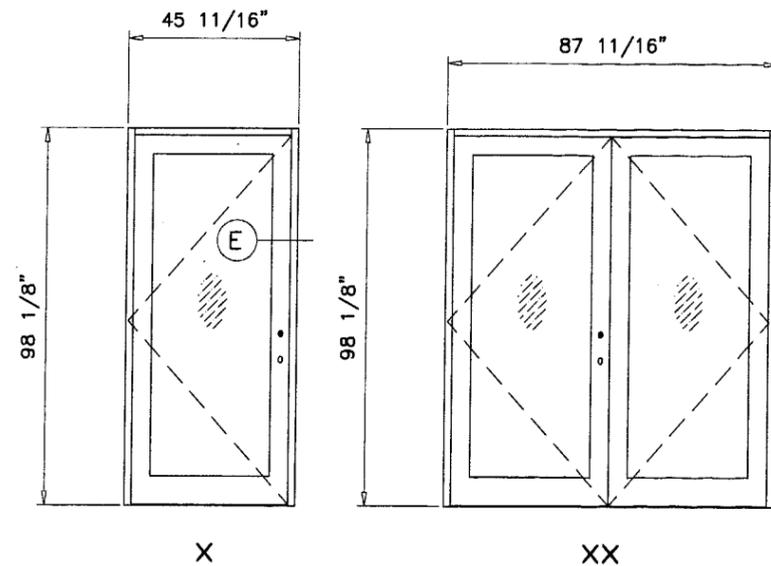
1. Notice of Acceptance No. **01-1204.01** issued to E.I. Dupont De Nemours for "Sentry Glas ® Plus", expiring on 01/14/2007.

  
\_\_\_\_\_  
Herminio F. Gonzalez, P. E.  
Director, Building Code Compliance Office

NOA No 05-0725.12

Expiration Date: April 18, 2007

Approval Date: September 29, 2005



**APPROVED CONFIGURATIONS**

MAX. DESIGN LOAD RATING - THRESHOLD TYPE 1 (FOR SIZES SHOWN ABOVE OR SMALLER)		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
EXT. (+)	NOT APPROVED	100.0 PSF
INT. (-)	NOT APPROVED	100.0 PSF

MAX. DESIGN LOAD RATING - THRESHOLD TYPE 2 (FOR SIZES SHOWN ABOVE OR SMALLER)	
EXT. (+)	100.0 PSF
INT. (-)	100.0 PSF

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS.

DOORS GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.

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

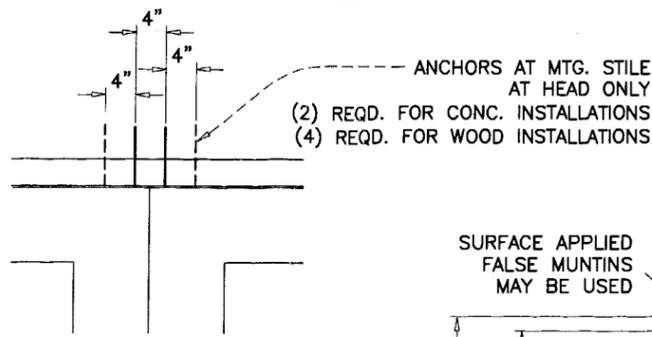
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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

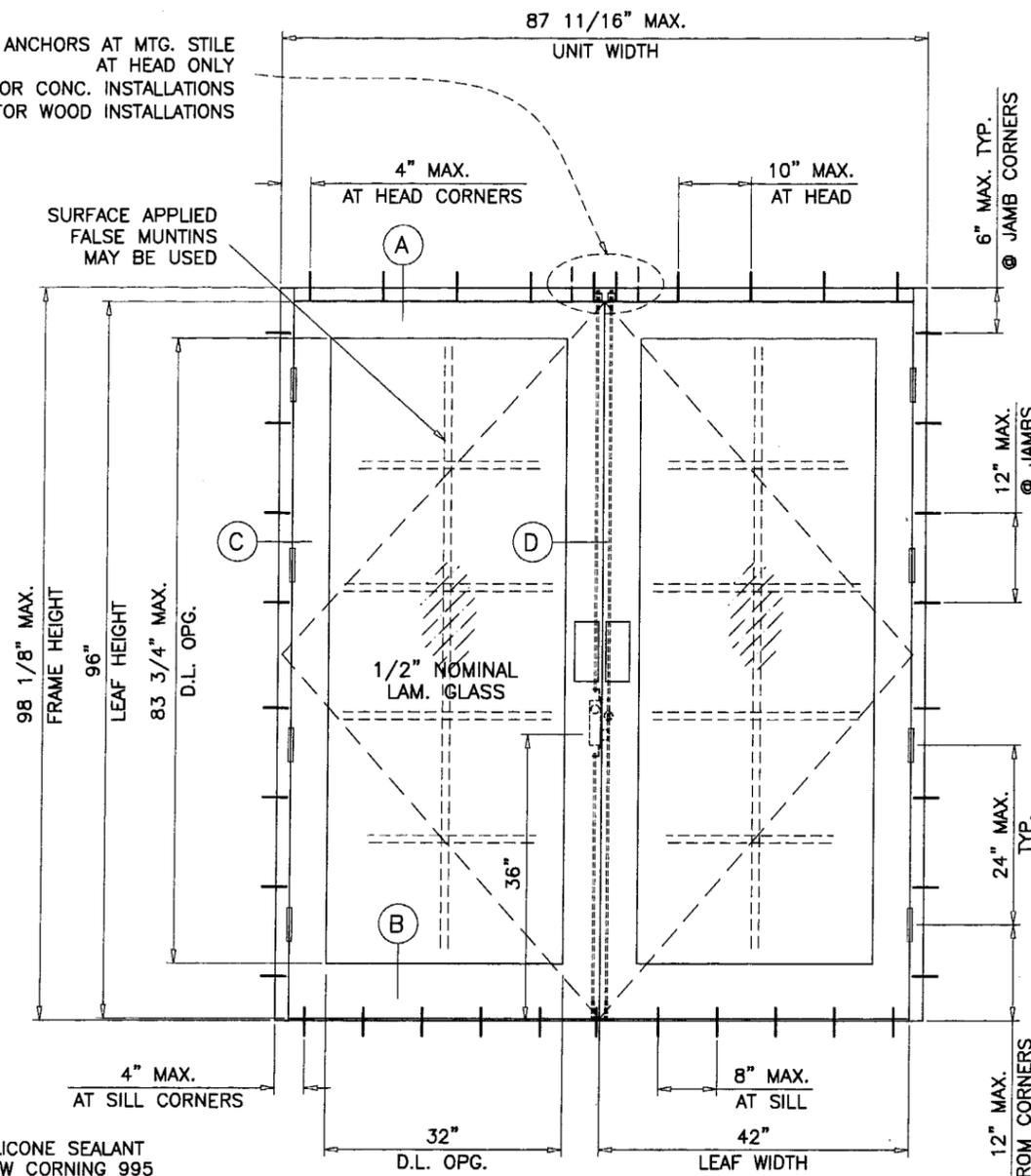
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A 33% INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF WOOD ANCHORS ONLY.

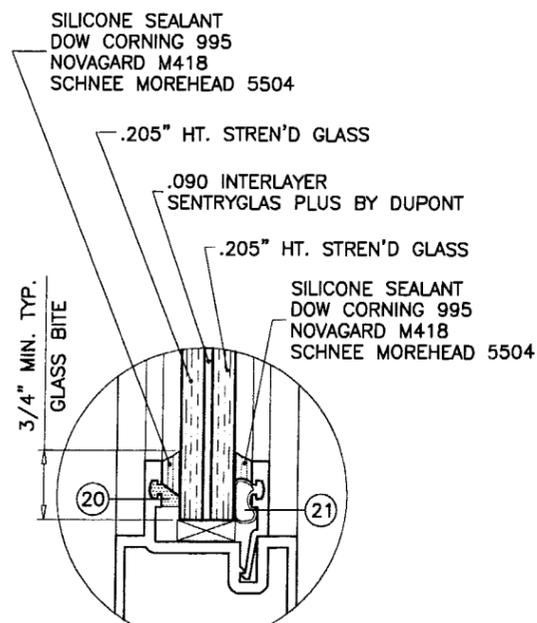
ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.



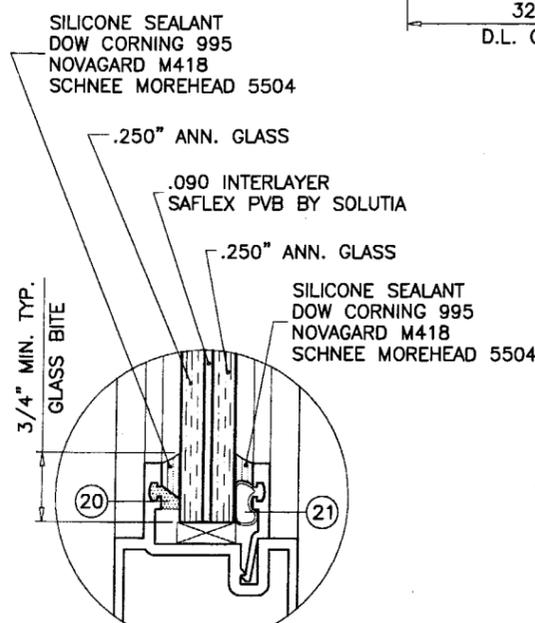
ANCHORS AT MTG. STILE AT HEAD ONLY  
(2) REQD. FOR CONC. INSTALLATIONS  
(4) REQD. FOR WOOD INSTALLATIONS



**TYPICAL ELEVATION  
TESTED UNIT**



**GLASS TYPE 'A'**



**GLASS TYPE 'B'**

**GLAZING OPTIONS**

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

**JUL 19 2005**

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. **05-0725-12**  
Expiration Date: **04/18/07**  
By: *[Signature]*  
Miami Dade Product Control  
Division

**afc**

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

HC 5000 SERIES ALUMINUM OUTSWING DOOR  
**COMMERCIAL DOOR INTL. INC.**  
8504 E. ADAMO DRIVE UNIT M  
TAMPA, FL. 33619  
TEL. (813) 621-5335 FAX. (813) 621-9965

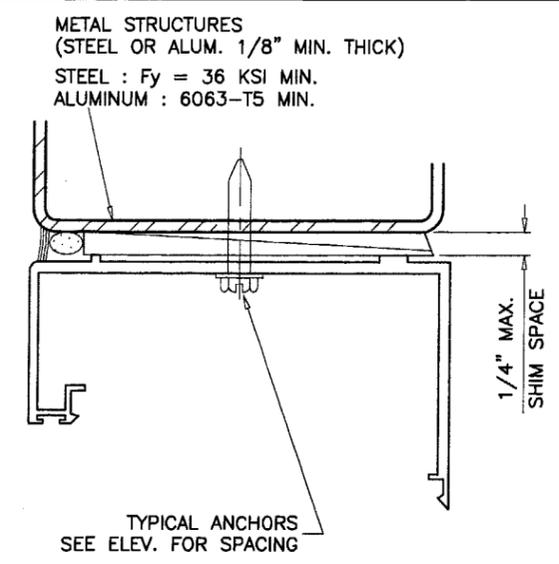
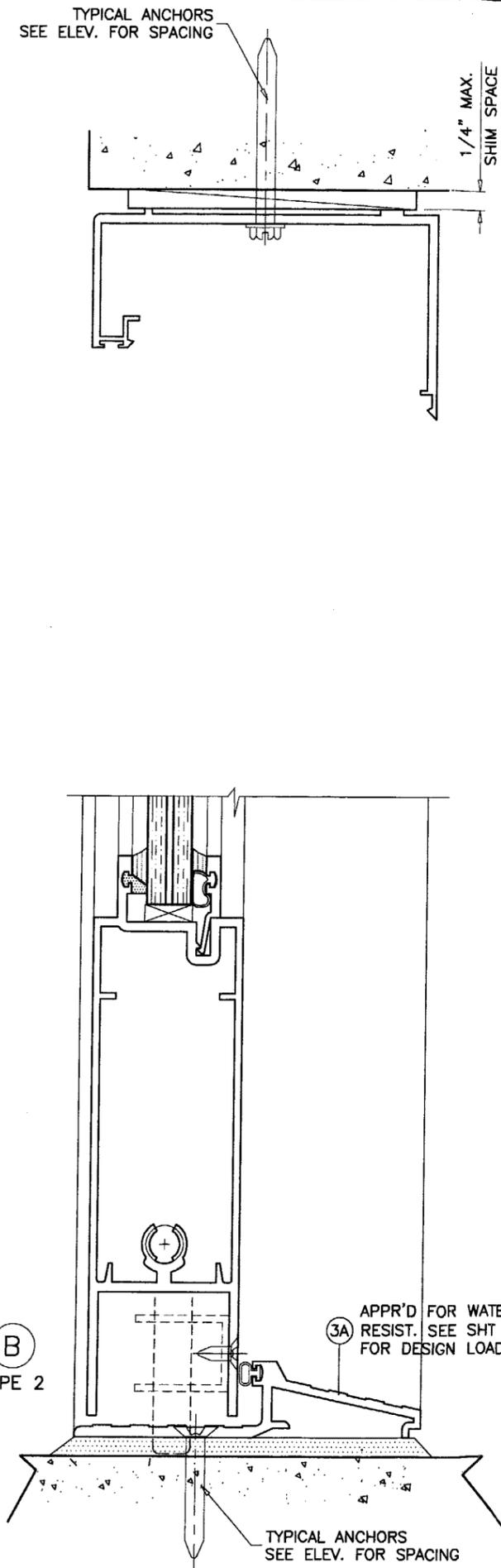
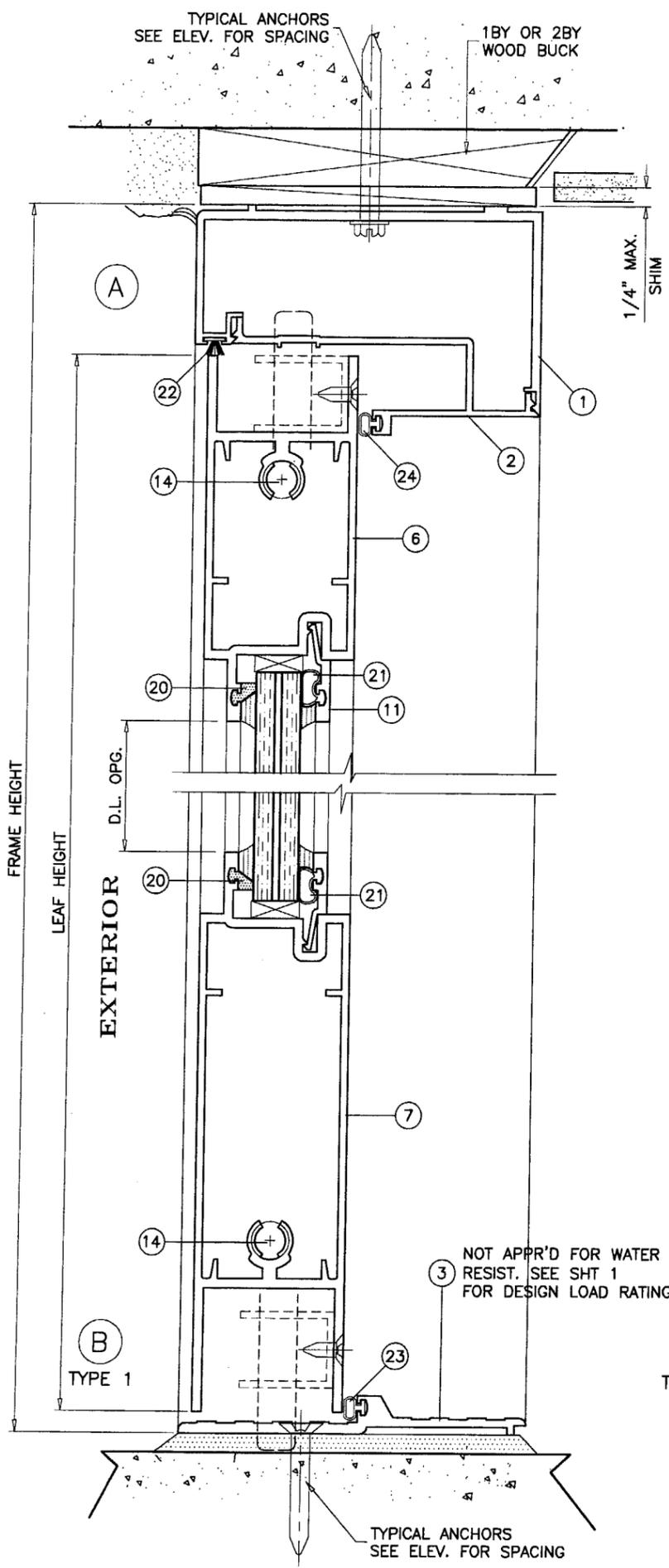
revisions:	no	date	by	description
	A	03.04.02		REV. PER BCCO COMMENTS
	B	06.24.05		PANIC DEVICE ADDED

date: 08-07-00  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W00-40**

sheet 1 of 6

COMP-ANL\W00-40RC



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

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE  
 1/4" DIA. TAPCONS, 1-3/4" MIN. TOTAL EMBED. (WOOD+SUBSTRATE)  
 THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY  
 1/4" DIA. TAPCONS WITH 1-1/4" MIN. EMBED INTO MASONRY  
 INTO METAL STRUCTURES OR MULLION (STEEL OR ALUM 1/8" MIN. THICK.)  
 #14 SMS OR 1/4" SELF DRILLING SCREWS

**SEALANTS:**  
 FRAME AND LEAF CORNERS, INSTALLATION SCREWS AT SILL AND ALL METAL PARTS CONNECTIONS SEALED WITH DOW 995 OR NOVAGARD M418 CLEAR/ALUM COLORED SEALANT.

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
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 Expiration Date 04/18/07  
 By *M. Shah*  
 Miami Dade Product Control  
 Division

Engr: DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
 JUL 19 2005

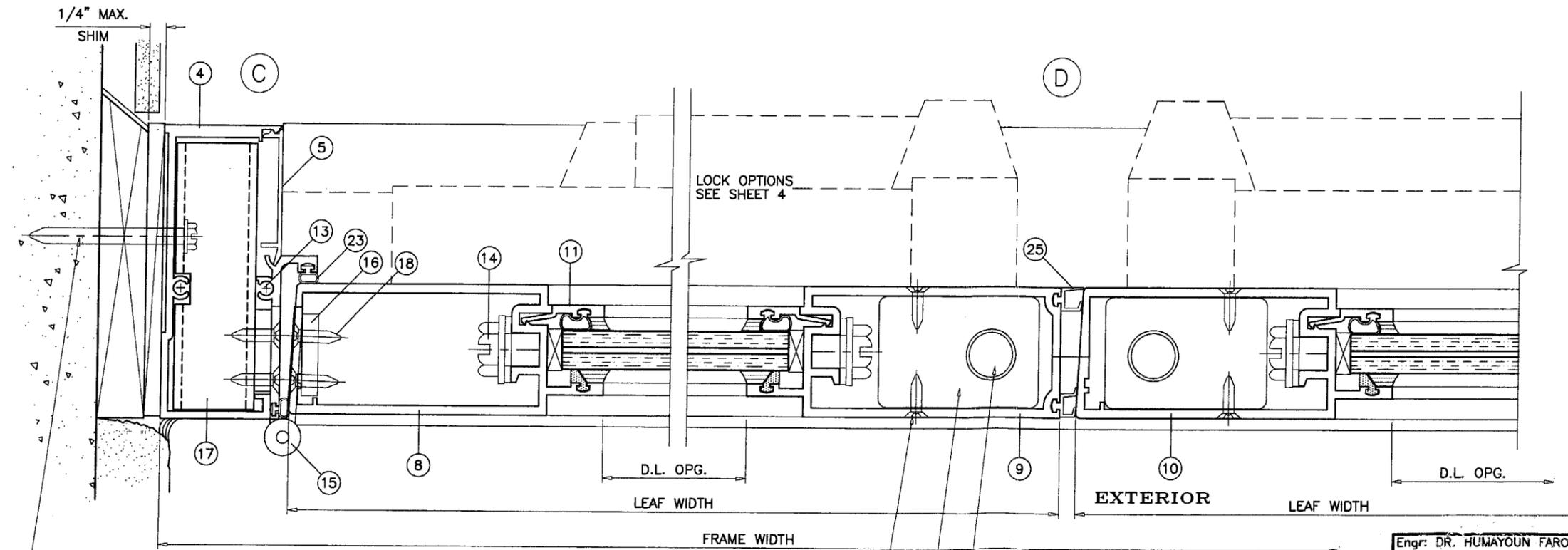
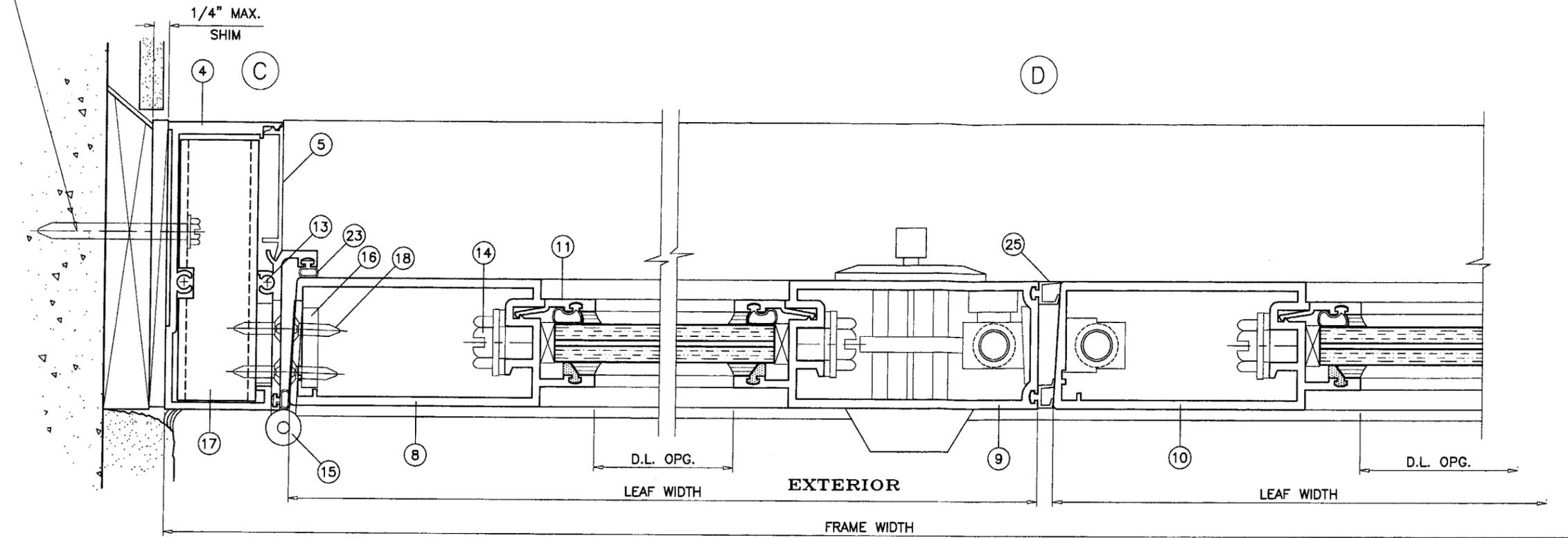
**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W00-40RC

HC 5000 SERIES ALUMINUM OUTSWING DOOR  
**COMMERCIAL DOOR INTL. INC.**  
 8504 E. ADAMO DRIVE UNIT M  
 TAMPA, FL. 33619  
 TEL. (813) 621-5335 FAX. (813) 621-9965

revisions:	no	date	by	description

date: 08-07-00  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:   
 drawing no. **W00-40**  
 sheet 2 of 6

TYPICAL ANCHORS  
SEE ELEV. FOR SPACING



TYPICAL ANCHORS  
SEE ELEV. FOR SPACING

- 3/4" DIA. X 7" LONG PIN
- ALUM GUIDE BLOCKS (6063-T5)  
2.5" X 1.7" X 6.125" LONG  
TOP & BOTTOM
- #10-24 SCREWS  
2 EACH SIDE

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

**JUL 19 2005**

PRODUCT REVISED  
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Building Code  
Acceptance No **05-0325.12**  
Expiration Date **10/18/07**  
By *[Signature]*  
Miami Dade Product Control  
Division

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date: 08-07-00	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
drawing no. <b>W00-40</b>			
sheet 3 of 6			

**LOCK OPTIONS:**

**OPTION 1:**

**SINGLE LEAF DOORS:**

ALL SINGLE LEAF DOORS TO BE FITTED WITH 3 POINT LOCK

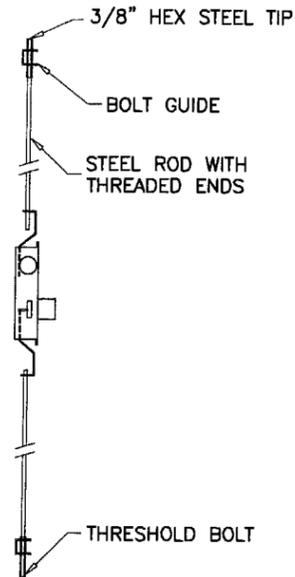
**DOUBLE LEAF DOORS:**

**ACTIVE LEAF:**

THREE POINT LOCK SYSTEM WITH 8 PLY HOOK LOCK BOLT BY 'ADAMS RITE MS1850S' KEY OPERATED ON EXTERIOR AND THUMB-TURN ON INTERIOR, LOCATED AT 36" FROM BOTTOM OF PANEL

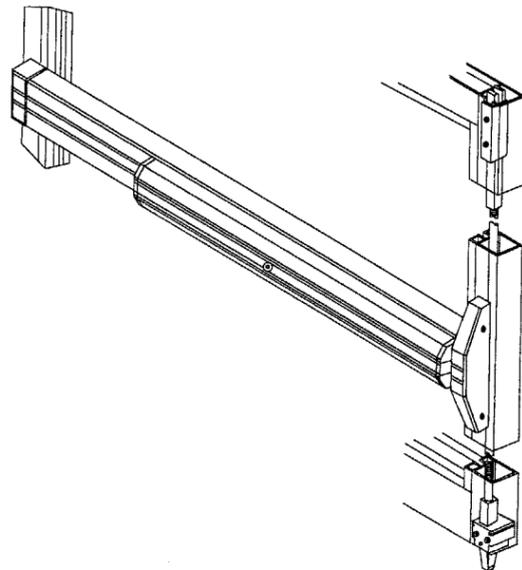
**INACTIVE LEAF:**

MANUALLY OPERATED TWO POINT LOCK SYSTEM BY 'ADAMS RITE MS1880/1881' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND A THUMB TURN ON THE INTERIOR, LOCATED AT 36" FROM BOTTOM OF PANEL

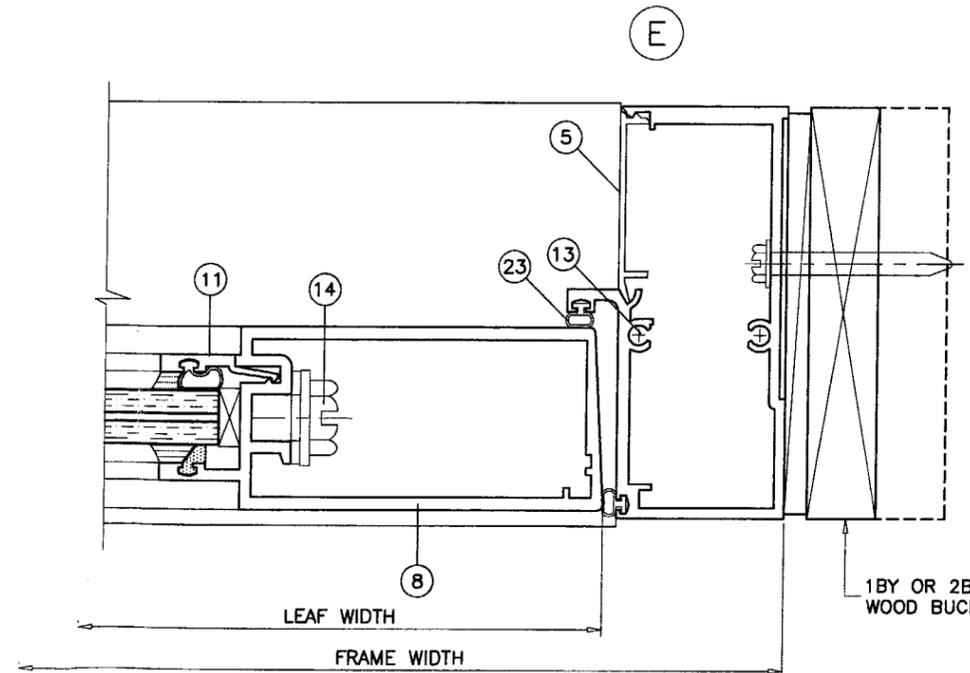


**OPTION 2:**

SERIES 7100 CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'INTERNATIONAL DOOR CLOSERS INC.' AT 39-3/4" FROM SILL AT EACH LEAF.



ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPLIER/REMARKS
1	FS-01059	1	FRAME HEAD	6063-T6	-
2	FS-01058	1	FRAME HEAD INSERT	6063-T6	-
3	FS-01060	1	HANDICAP THRESHOLD	6063-T6	-
3A	FS-01061	1	THRESHOLD	6063-T6	-
4	FS-01055	2	FRAME JAMB	6063-T6	-
5	FS-01064	2	FRAME JAMB INSERT	6063-T6	-
6	FH-01062	1/ LEAF	TOP RAIL	6063-T6	-
7	FH-01063	1/ LEAF	BOTTOM RAIL	6063-T6	-
8	FH-01054	1/ LEAF	HINGE STILE	6005-T5	-
9	FH-01057	1/ LEAF	ACTIVE LOCK STILE	6005-T5	-
10	-	1/ LEAF	INACTIVE LOCK STILE	6063-T5	-
11	FS-01056	4/ LEAF	GLASS STOP	6063-T6	-
13	-	2/ CORNER	FRAME ASSEMBLY SCREWS	STEEL	#14 X 1-1/2" FH
14	1/2" X 2-3/4"	4/ LEAF	LEAF ASSEMBLY SCREW	-	HEX HEAD M. BOLT
15	-	4/ LEAF	HINGE	ST. STEEL	HAGER
16	-	2/ HINGE	HINGE BACK UP PLATE	ALUMINUM	1/4" X 1-1/4" X 4-1/8" LONG
17	-	1/ HINGE	HINGE BACK UP TUBE	ALUMINUM	12" LONG
18	# 12 X 1/2"	8/ HINGE	HINGE INSTALLATION SCREWS	-	FLAT HEAD MS
20	-	AS REQD.	GLAZING LEG SPACER	VINYL	-
21	-	AS REQD.	GLAZING BEAD GASKET	VINYL	-
22	-	AS REQD.	PILE W'STRIPPING WITH FIN (.300 H.)	-	-
23	-	AS REQD.	BULB W'STRIPPING (.195 X .570)	VINYL	WIBORG OR EQUIV.
24	-	AS REQD.	BULB W'STRIPPING (.190 X .375)	VINYL	SCHLEGEL OR EQUIV.
25	-	AS REQD.	LEAF W'STRIPPING	VINYL	WIBORG OR EQUIV.



**PRODUCT REVISED**  
 as complying with the Florida  
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 Acceptance No. **05-0325.12**  
 Expiration Date **04/18/07**  
 By *[Signature]*  
 Miami Dade Product Control  
 Division

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

*SUL 19 2005*

*afc*  
**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL WOO-40RC

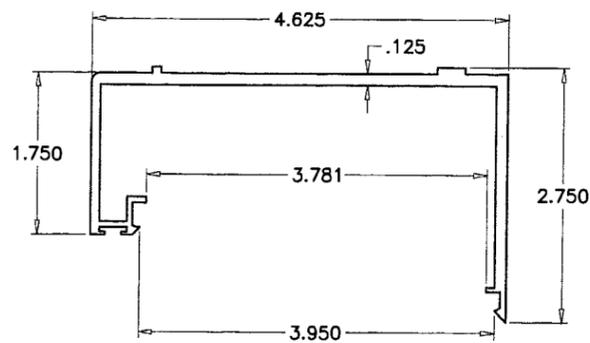
HC 5000 SERIES ALUMINUM OUTSWING DOOR  
**COMMERCIAL DOOR INTL. INC.**  
 8504 E. ADAMO DRIVE UNIT M  
 TAMPA, FL. 33619  
 TEL. (813) 621-5335 FAX. (813) 621-9985

revisions:	no	date	by	description

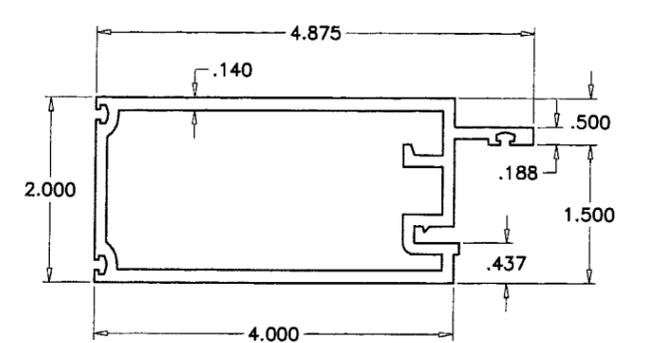
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 dr. by: HAMID  
 chk. by:

drawing no.  
**WOO-40**

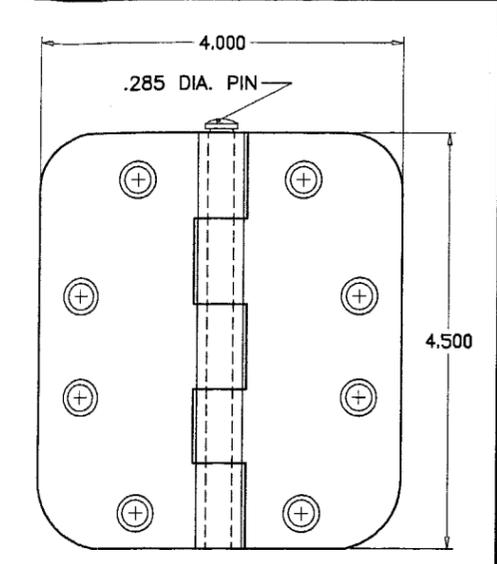
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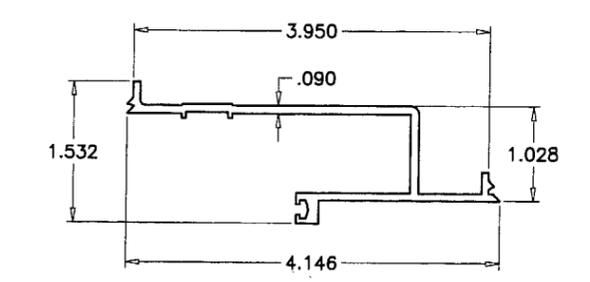
① FRAME HEAD



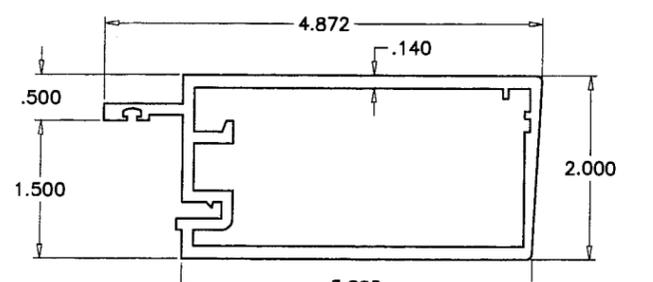
⑨ ACTIVE LOCK STILE



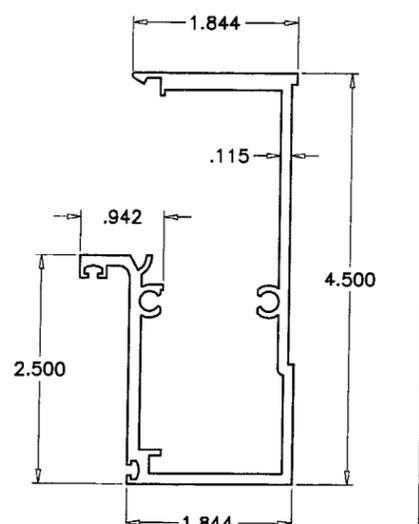
⑮ .134" THICK STEEL HINGE



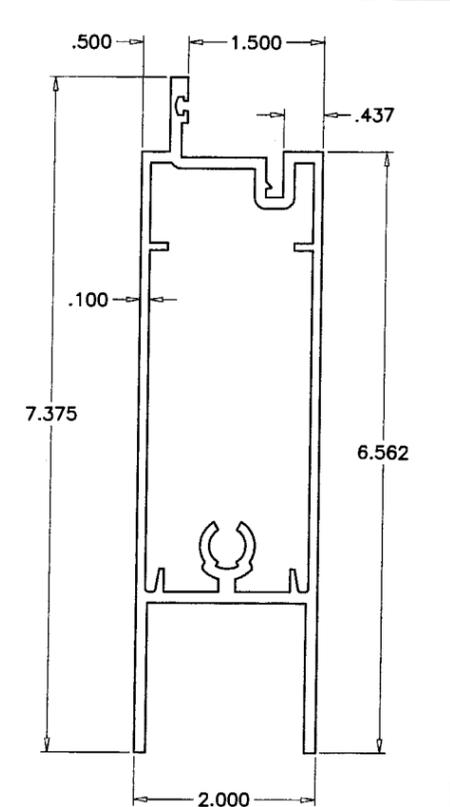
② FRAME HEAD INSERT



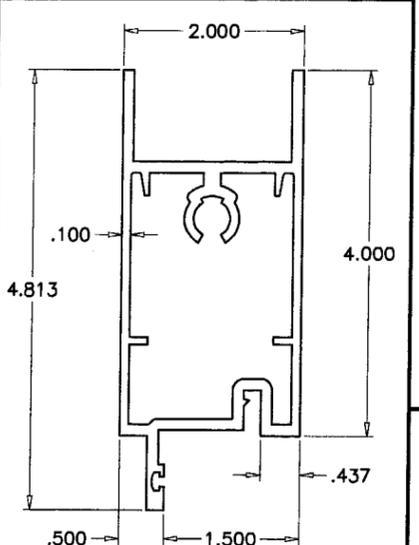
⑩ HINGE STILE/INACTIVE LOCK STILE



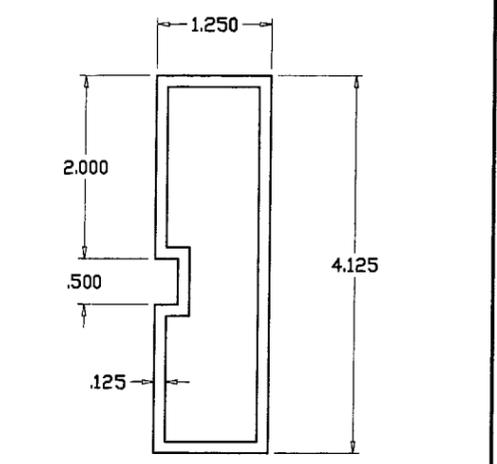
④ FRAME JAMB



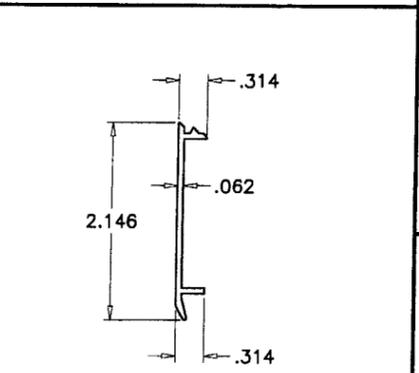
⑦ BOTTOM RAIL



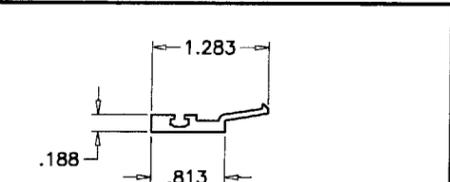
⑥ TOP RAIL



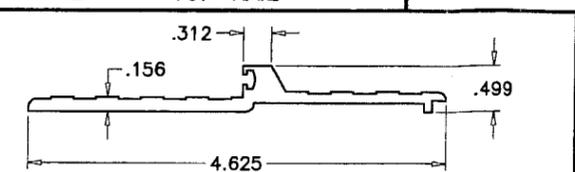
⑰ HINGE BACK UP TUBE



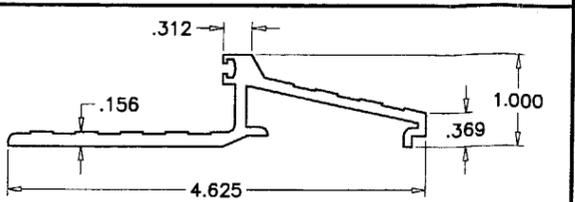
⑤ JAMB COVER



⑪ GLAZING STOP



③ THRESHOLD



③A ALT. THRESHOLD

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 05-0725.12  
 Expiration Date: 04/18/07  
 By: *[Signature]*  
 Minimal Basic Product Control  
 Division

Engr: DR. HUMAYOON FAROOQ  
 STRUCTURES  
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 JUL 19 2005

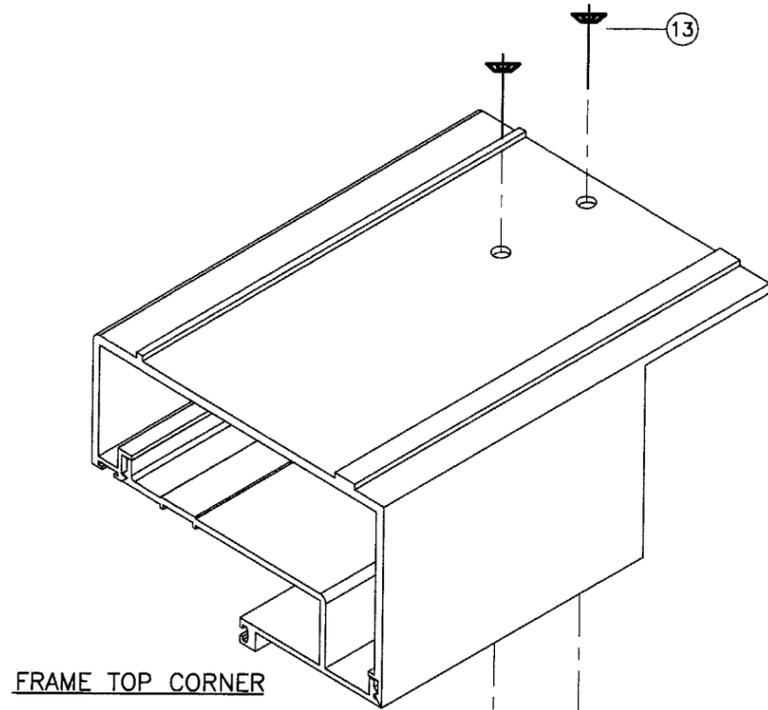
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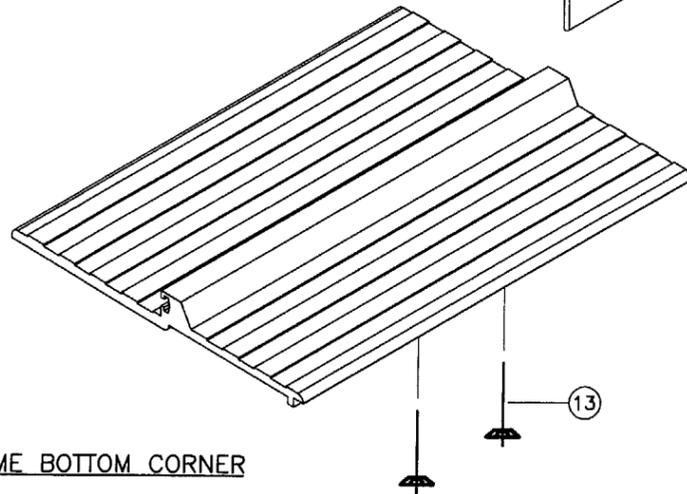
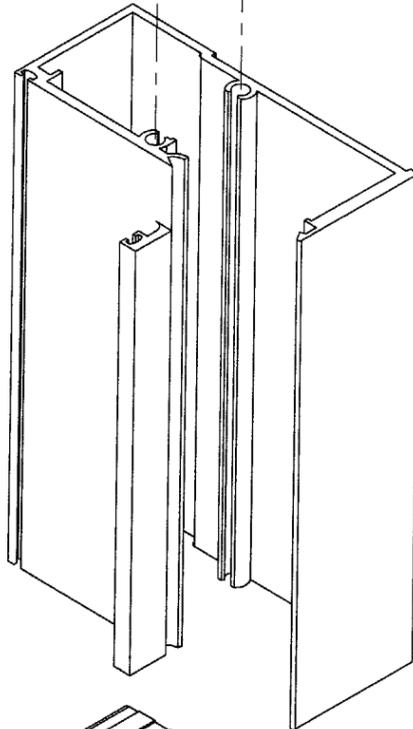
revisions:	no	date	by	description

date: 08-07-00  
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 dr. by: HAMID  
 chk. by:

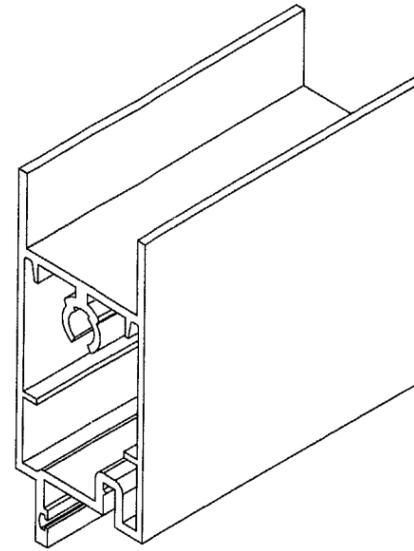
drawing no.  
**W00-40**  
 sheet 5 of 6



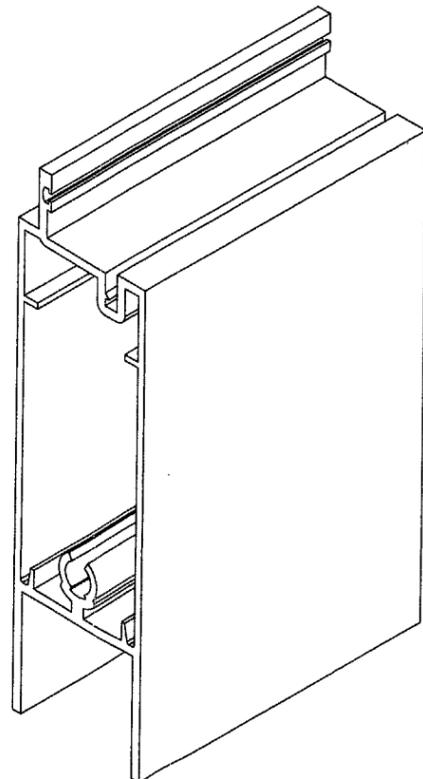
FRAME TOP CORNER



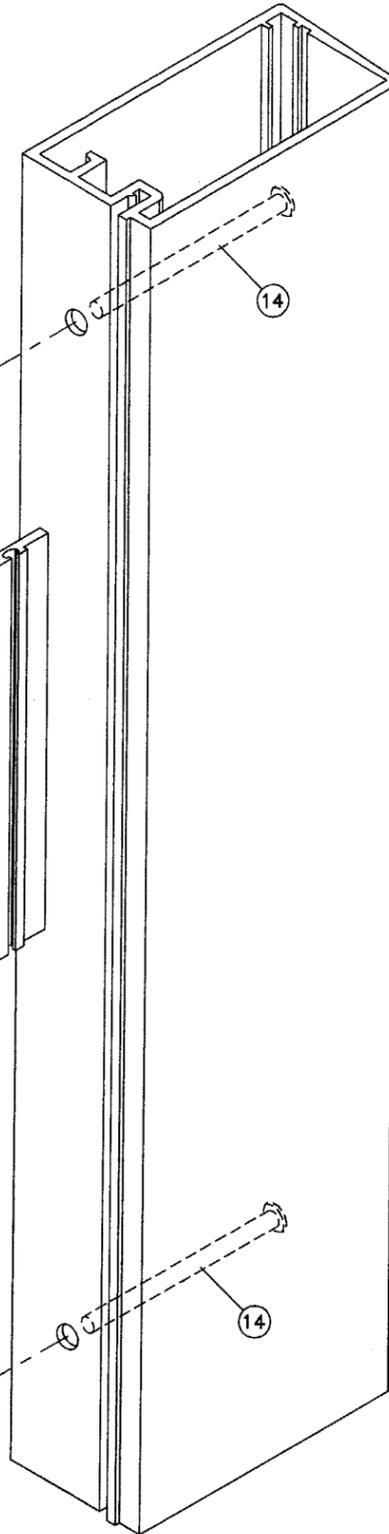
FRAME BOTTOM CORNER



DOOR LEAF TOP CORNER



DOOR LEAF BOTTOM CORNER



PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 05-0725-12  
 Expiration Date: 04/10/07  
 By: *M. Habib*  
 Miami Door Product Control  
 Division

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

JUL 19 2005

ALFC

AL-FAROOQ CORPORATION  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978

HC 5000 SERIES ALUMINUM OUTSWING DOOR  
 COMMERCIAL DOOR INTL. INC.  
 8504 E. ADAMO DRIVE UNIT M  
 TAMPA, FL. 33619  
 TEL. (813) 621-5335 FAX. (813) 621-9965

revisions:	no	date	by	description

date: 08-07-00  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
 W00-40

sheet 6 of 6

COMP-ANL \ W00-40RC