



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Delta Doors Manufacturing Corporation
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 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 BAL-350 Aluminum Outswing Entrance Door

APPROVAL DOCUMENT: Drawing No. W04-72, titled "Series BAL-350 Alum Entrance Door (L.M.I.)", sheets 1 through 5 of 5, prepared by the AL-Farooq Corporation, dated 08/13/04, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



**NOA No 05-0110.01
Expiration Date: March 24, 2010
Approval Date: March 24, 2005
Page 1**

Delta Doors Manufacturing Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W04-72**, titled "Series Bal-350 Alum Entrance Door (L.M.I.)", sheets 1 through 5 of 5, prepared by the AL-Farooq Corporation, dated 08/13/04, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) 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 marked-up drawings and installation diagram of aluminum Outswing door, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-4263**, dated 07/20/04, signed and sealed by Edmundo Largaespada, P. E.

C. CALCULATIONS

1. Anchor Calculations, ASTM- E 1300, and structural analysis, prepared by AL-Farooq Corporation, dated 09/07/04, signed and sealed by Humayoun Farooq, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

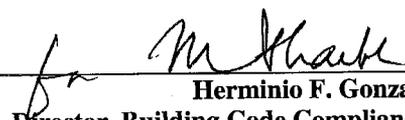
1. Notice of Acceptance No. **03-0415.13**, issued to Solutia Inc. for their "Vancea Composites used for Lamination of Glass", approved on 12/11/03 and expiring on 12/11/08.

F. STATEMENTS

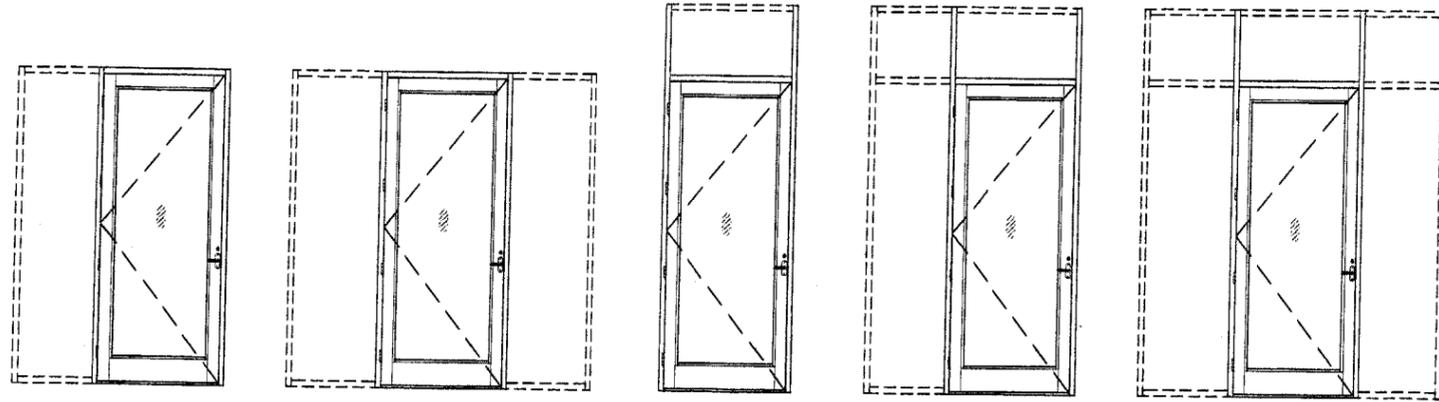
1. Statement letter of code compliance and no financial interest, dated September 07, 2004 signed and sealed by Humayoun Farooq, P.E.

G. OTHER

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



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0110.01
Expiration Date: March 24, 2010
Approval Date: March 24, 2005



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

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

**SERIES BAL-350
ALUMINUM OUT-SWING ENTRANCE DOOR**

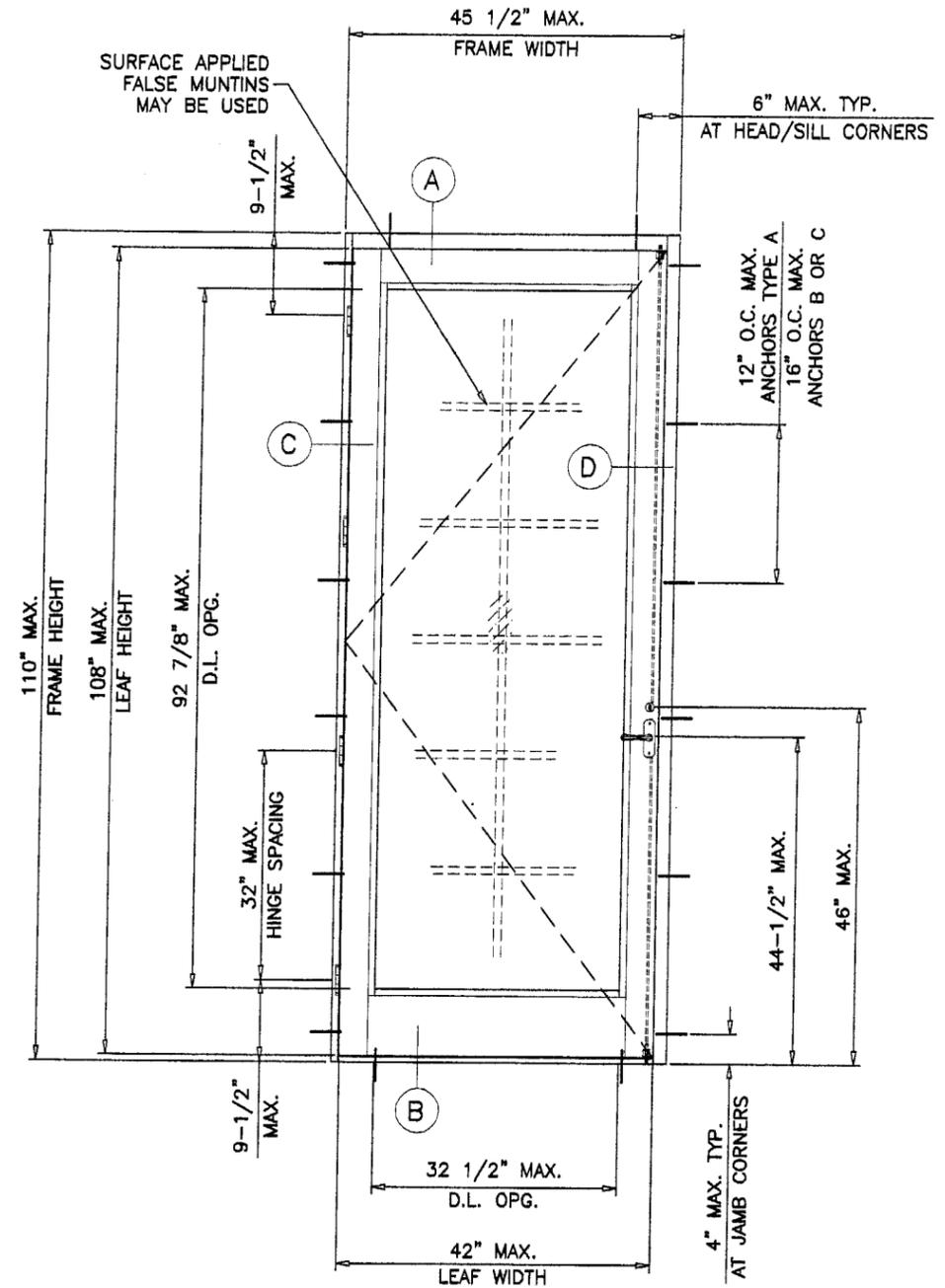
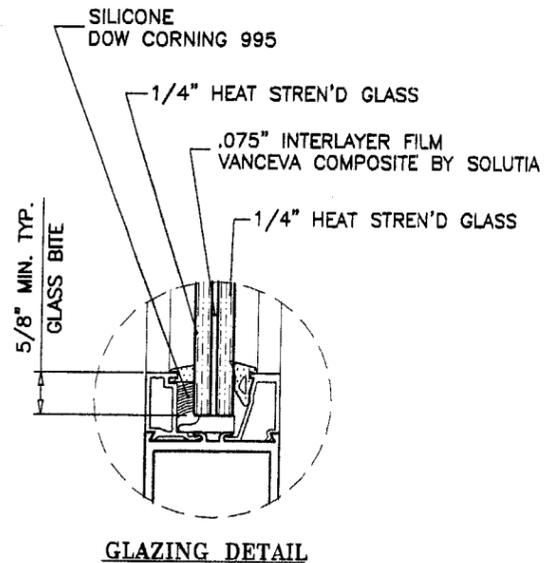
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY
HURRICANE ZONE.

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

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

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

A 33% INCREASE IN ALLOWABLE STRESS WAS USED IN DESIGN OF ANCHORS.



MAXIMUM DESIGN LOAD RATING = + 100.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 100.0 PSF

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

DEC 07 2004

Approved as complying with the
Florida Building Code
Date 03/24/05
NOA 05-0110.01
Miami Dade Product Control
Division
By *M. Shate*

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

SERIES BAL-350 ALUM ENTRANCE DOOR (L.M.I.)
DELTA DOORS
7500 N.W. 69TH AVE.
MIAMI, FL 33166
TEL. (305) 888-0077 FAX. (305) 884-3111

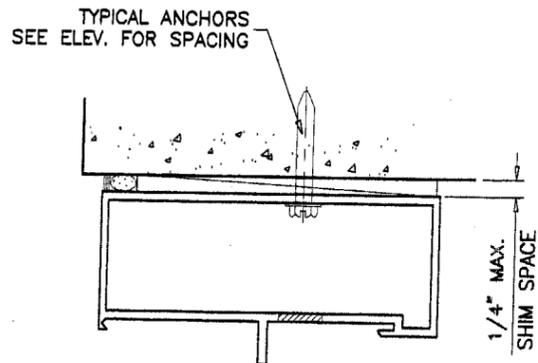
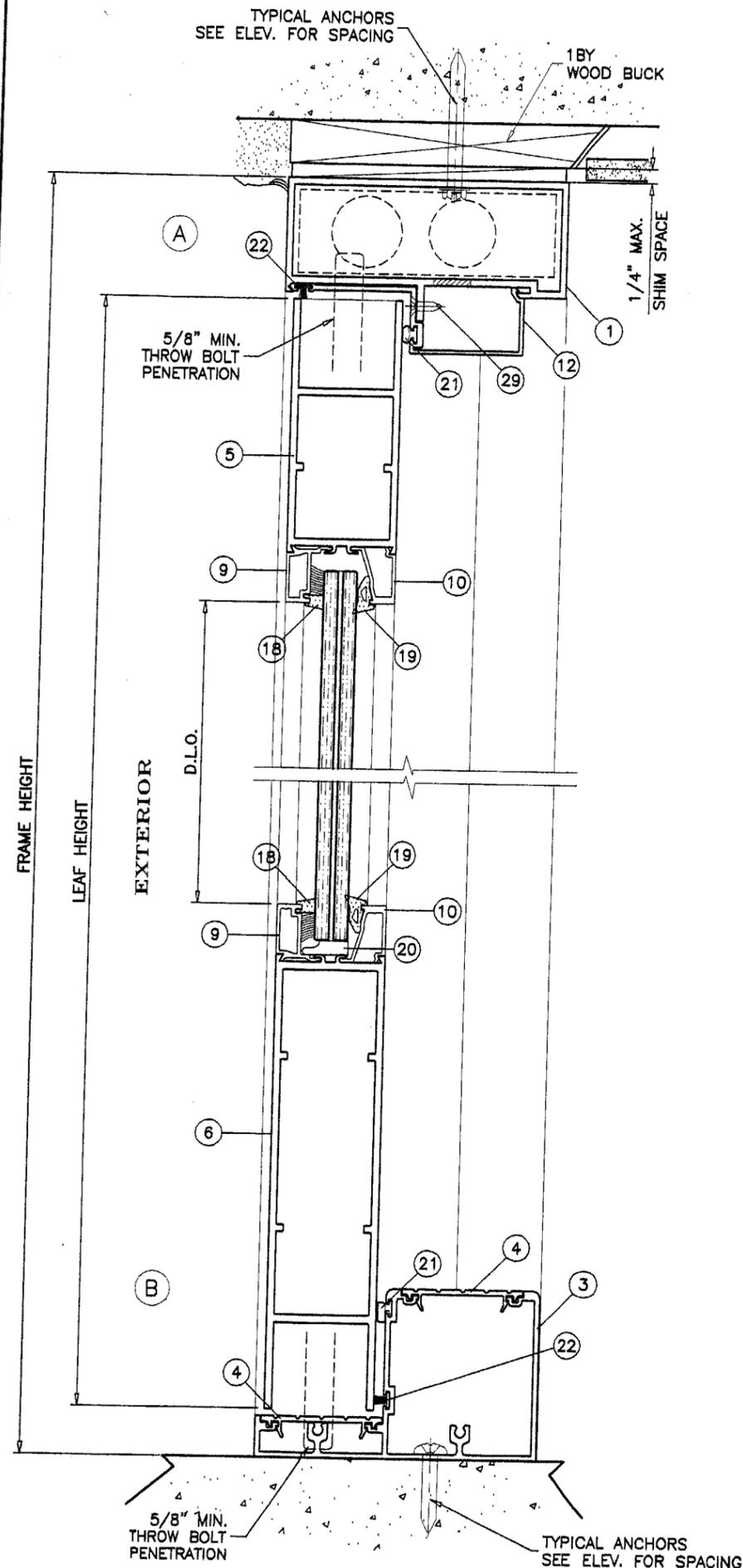
no.	date	by description

date: 08-13-04
scale: 1/2" = 1'-0"
dr. by: HAMID
chk. by:

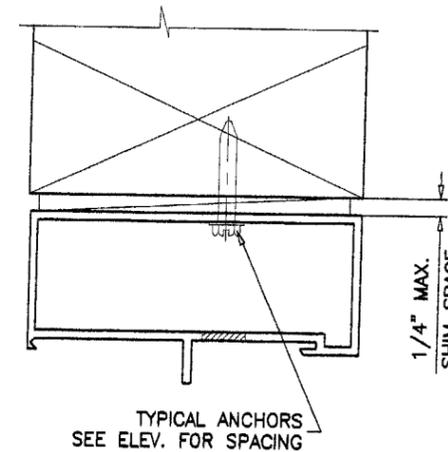
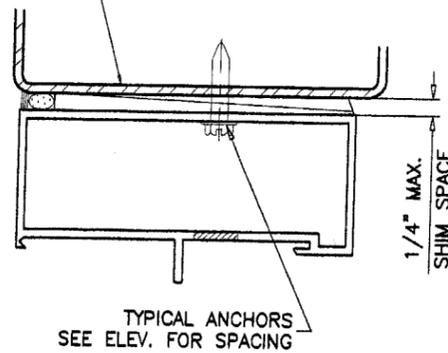
drawing no.
W04-72

sheet 1 of 5

COMP-ANL\W04-72DD



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



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- A- 1/4" DIA. TAPCONS
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. WOOD PENETRATION
THRU 1BY WOOD BUCKS INTO MASONRY OR CONC.
1-1/4" MIN. EMBED INTO MASONRY OR CONC.
- B- 1/4" DIA. TAPCONS
DIRECTLY INTO MASONRY OR CONCRETE
1-1/4" MIN. EMBED INTO MASONRY OR CONCRETE
- C- #14" TEKS OR SELF DRILLING SCREWS
INTO METAL STRUCTURES (1/8" MIN. THICKNESS)
INTO APPROVED MULLIONS (NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 3" MIN.
INTO WOOD STRUCTURE = 1" 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 48" FROM BOTTOM.

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

DEC 07 2004

Approved as complying with the
Florida Building Code
Date 03/24/05
NOA# 05-0110.01
Miami Dade Product Control
Division
By *[Signature]*

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

SERIES BAL-350 ALUM ENTRANCE DOOR (L.M.I.)
DELTA DOORS
7500 N.W. 69TH AVE.
MIAMI, FL 33166
TEL (305) 888-0077 FAX. (305) 884-3111

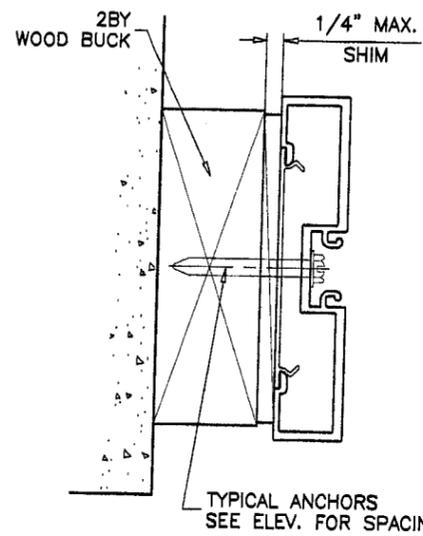
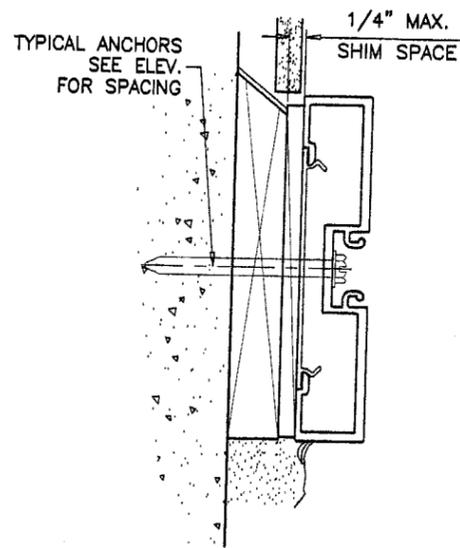
no	date	by	description

date: 08-13-04
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

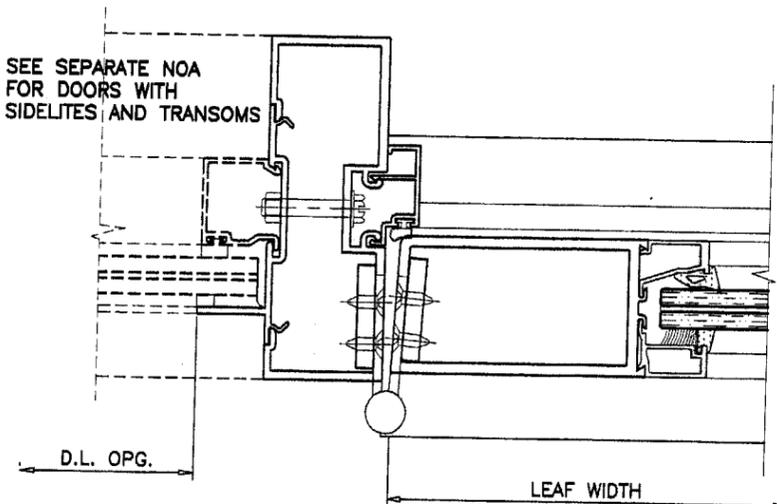
drawing no.
W04-72

sheet 2 of 5

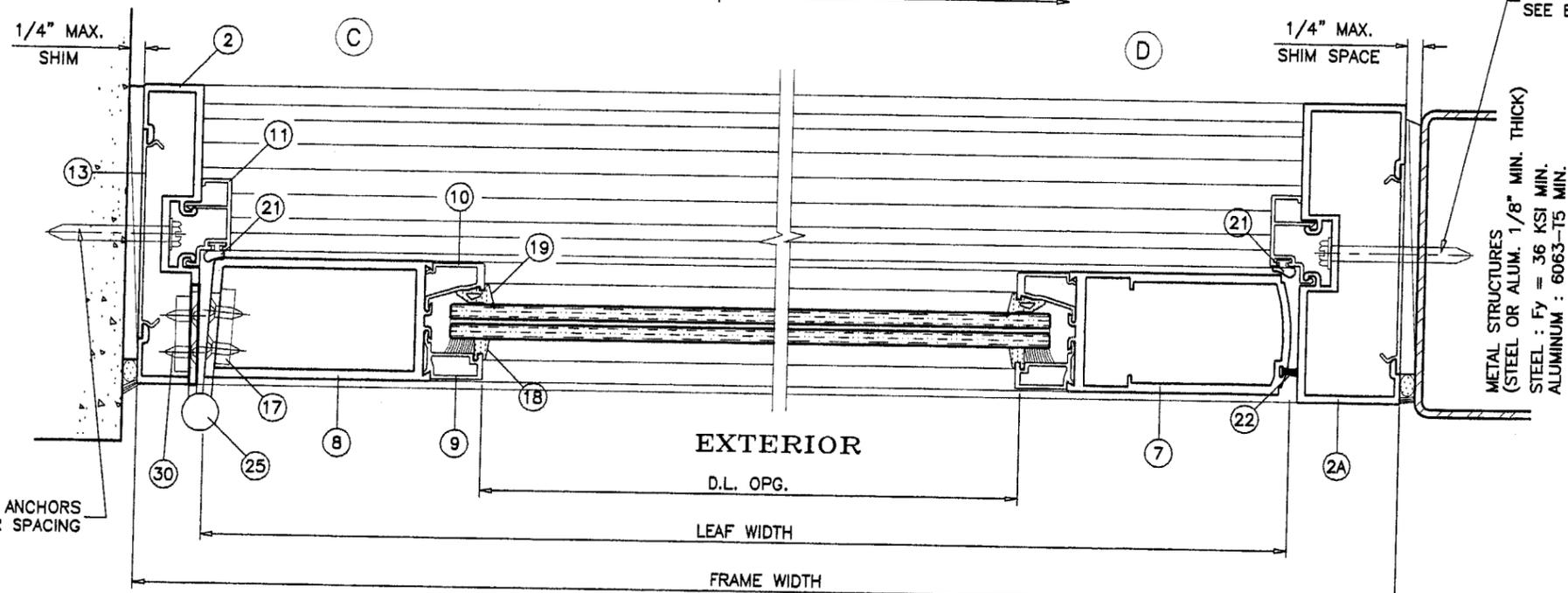
COMP-ANL\W04-72DD



SEE SEPARATE NOA FOR DOORS WITH SIDELITES AND TRANSOMS



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	6063-T5	-
14	-	-	-	-	-
15	-	-	SHEAR BLOCK, 4-11/16" LONG	ALUMINUM	-
16	DLD-3	-	SHEAR CLIP	6063-T5	-
17	-	-	HINGE REINFORCING PLATE	ALUMINUM	1-1/4" X 1/4" X 8" LONG
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	-	-	-	-	-
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



Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557
C.A.N. 3538

DEC 07 2004

Approved as complying with the
Florida Building Code
Date 03/24/05
NOA# 05-0110.01
Miami Dade Product Control
Division
By *M. Khan*

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

SERIES BAL-350 ALUM ENTRANCE DOOR (L.M.I.)
DELTA DOORS
7500 N.W. 69TH AVE.
MIAMI, FL 33166
TEL (305) 888-0077 FAX (305) 884-3111

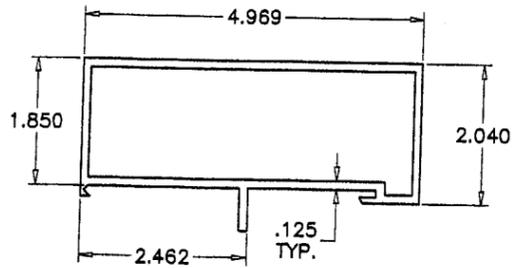
revisions:

no	date	by	description

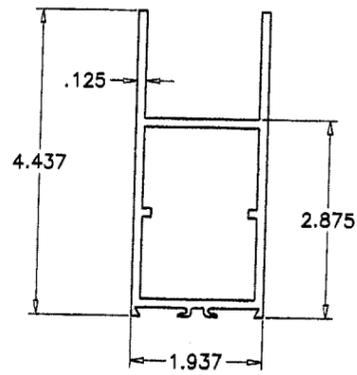
date: 08-13-04
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W04-72
sheet 3 of 5

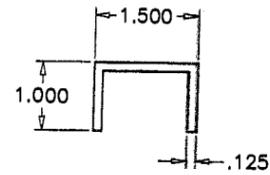
COMP-ANL\W04-72DD



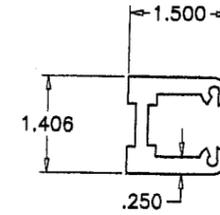
1 FRAME HEAD



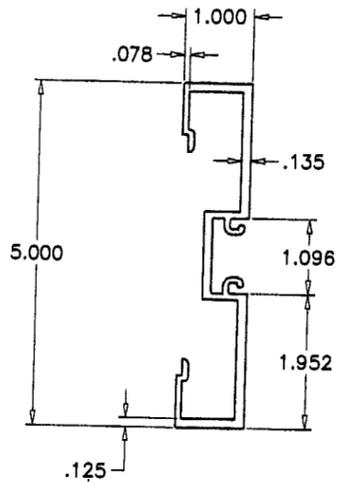
5 TOP RAIL



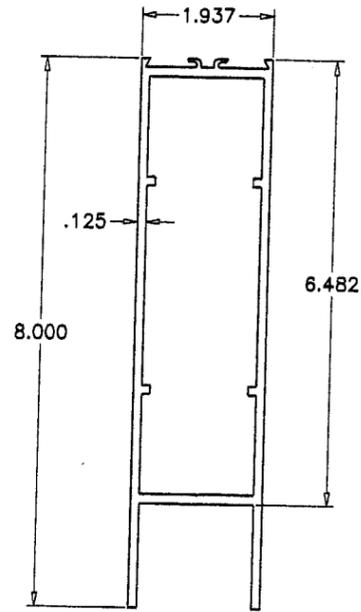
15 SHEAR BLOCK



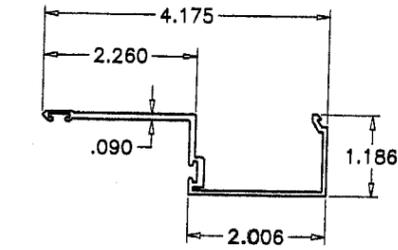
16 SHEAR CLIP



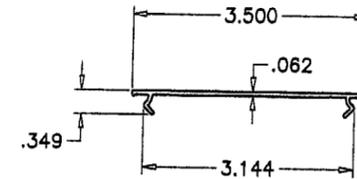
2 FRAME JAMB



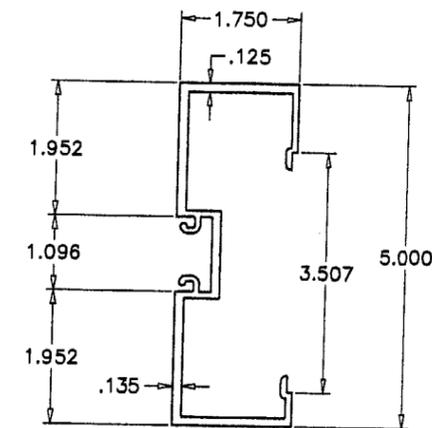
6 BOTTOM RAIL



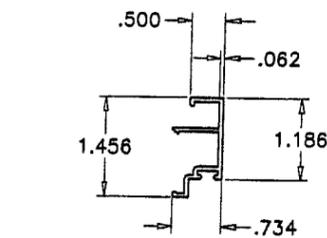
12 DOOR STOP JAMB



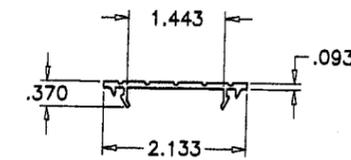
13 FLAT FILLER



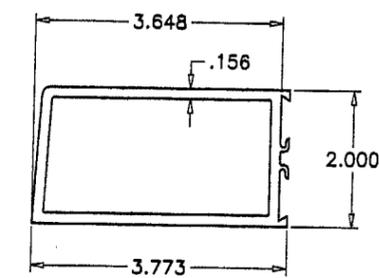
2A ALT. FRAME JAMB



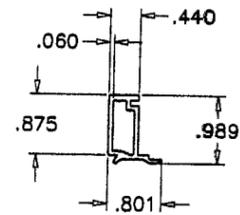
11 DOOR STOP JAMB



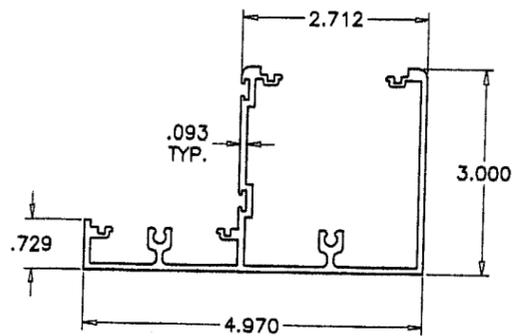
4 SILL FILLER



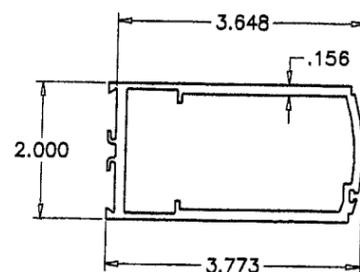
8 HINGE STILE



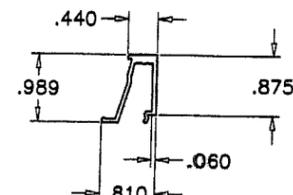
9 EXTERIOR GLASS STOP



3 FRAME SILL



7 LOCK STILE



10 INTERIOR GLASS STOP

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

Approved as complying with the
Florida Building Code
Date 03/24/05
NOA# 05-0110.01
Miami Dade Product Control
Division
By *M. H. H.*

DEC 07 2004

af

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

SERIES BAL-350 ALUM ENTRANCE DOOR (L.M.I.)

DELTA DOORS
7500 N.W. 69TH AVE.
MIAMI, FL 33166
TEL. (305) 888-0077 FAX. (305) 884-3111

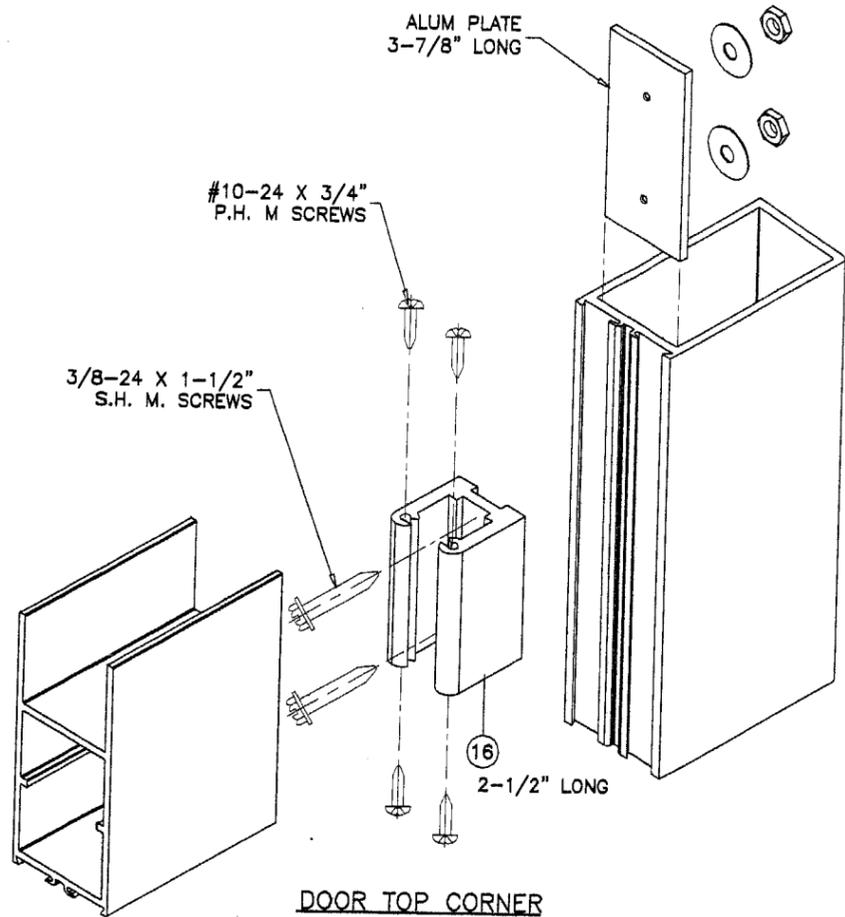
revisions:
no. date by description

date: 08-13-04
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

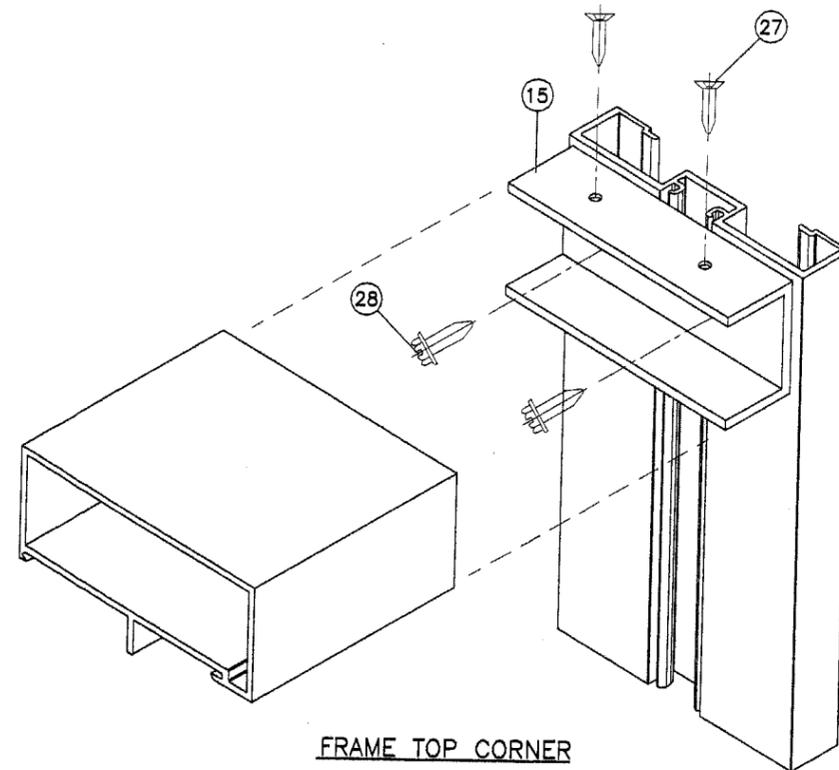
drawing no.
W04-72

sheet 4 of 5

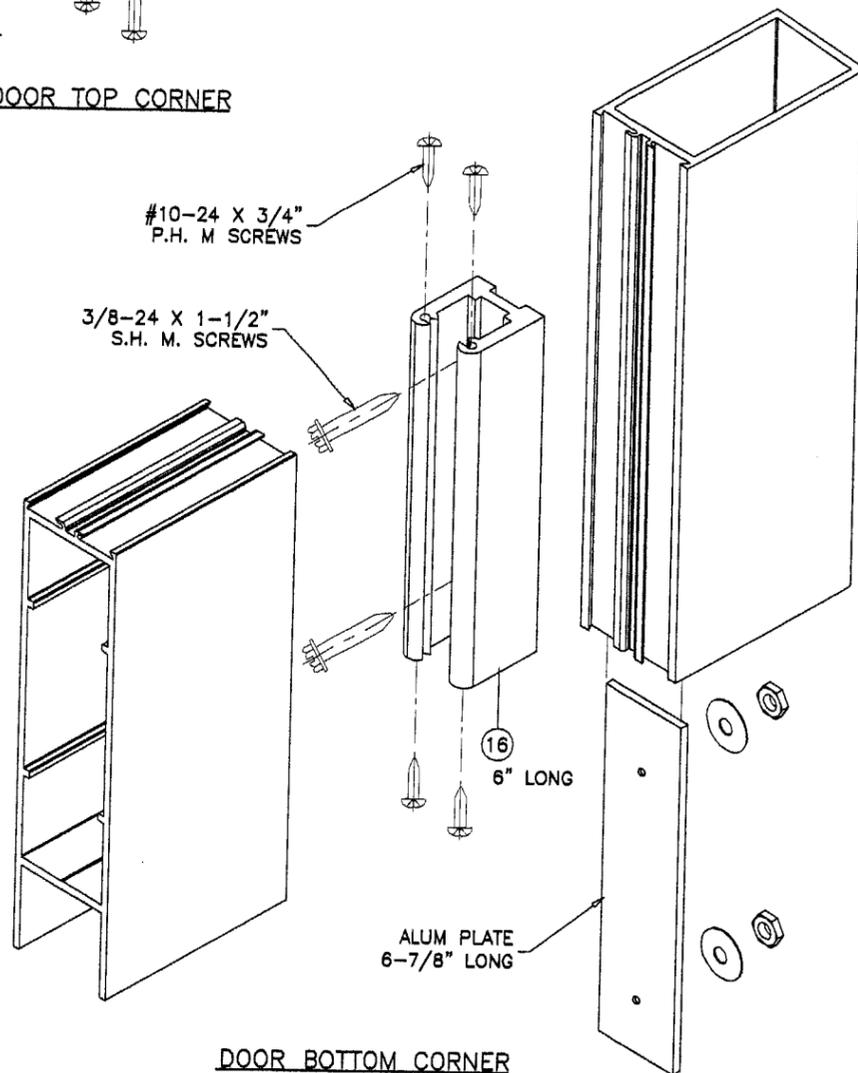
COMP-ANI\W04-72DD



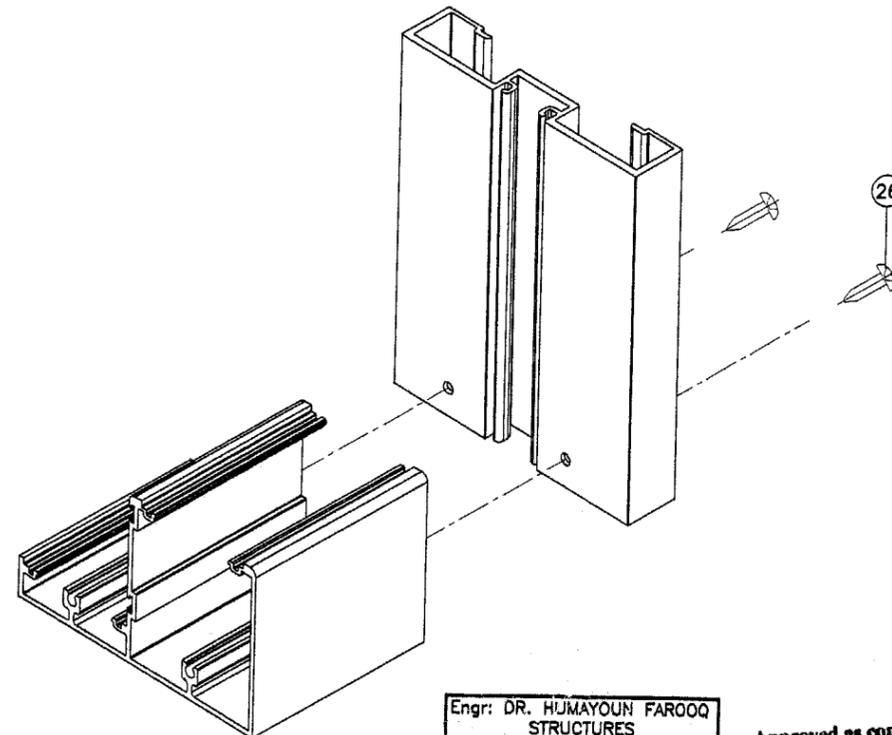
DOOR TOP CORNER



FRAME TOP CORNER



DOOR BOTTOM CORNER



FRAME BOTTOM CORNER

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
DEC 07 2004

Approved as complying with the
Florida Building Code
Date: 03/24/05
NOA# 05-0110-01
Miami Dade Product Control
Division
By: *M. Khatt*

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANI\W04-72DD

SERIES BAL-350 ALUM ENTRANCE DOOR (L.M.I.)
DELTA DOORS
7500 N.W. 69TH AVE.
MIAMI, FL 33166
TEL. (305) 888-0077 FAX. (305) 884-3111

revisions:	no	date	by	description

date: 08-13-04
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W04-72

sheet 5 of 5