



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

US Aluminum – Division of CR Laurence Company, Inc.

7500 N.W. 69 Avenue

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 RER - 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. RER 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 - L.M.I.

APPROVAL DOCUMENT: Drawing No. W04-72, titled "Series 'BAL-350' Alum. Out-Swing Door (L.M.I.)", sheets 1 through 5 of 5, dated 08/13/04, with revision "F" dated 07/19/18, prepared by Al-Farooq Corporation, 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

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/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 revised and renews NOA# 15-0915.04 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Sifang Zhao, P.E.



S.Z.
09/27/18

NOA No. 18-0116.08
Expiration Date: September 27, 2023
Approval Date: September 27, 2018
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections. *(Submitted under NOA No. 05-0110.01)*
2. Drawing No. **W04-72**, titled "Series 'BAL-350' Alum. Out-Swing Door (L.M.I.)", sheets 1 through 5 of 5, dated 08/13/04, with revision "D" dated 08/21/15, prepared by Al-Farooq Corporation, 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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
5) Large Missile Impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of alum. inswing entrance doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5047** dated 11/09/06, signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 08-0618.04)
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 alum. outswing & inswing entrance doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4320**, dated 09/15/04 and **FTL-4263**, dated 07/20/04, both signed and sealed by Edmundo J. Largaespada, P.E. *(Submitted under NOA No. 05-0110.01)*

C. CALCULATIONS


1. Anchor verification calculations and structural analysis, complying with **FBC-2014**, prepared by Al-Farooq Corporation, dated 09/10/15, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. NOA No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 12/11/18.


Sifang Zhao, P.E.

Product Control Examiner

NOA No. 18-0116.08

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F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2014**, and of no financial interest, issued by Al-Farooq Corporation, dated 08/20/15, signed and sealed by Javad Ahmad, P.E.
2. Letter issued by Al-Farooq Corporation, requesting a 1-year extension to allow time to perform verification test, dated 03/24/16, signed by Javad Ahmad, P.E., Chief Engineer. *(Submitted under NOA No. 15-0915.04)*
3. Testing agreement letter, dated 02/03/15 between Architectural Testing, Inc. / Intertek and C.R. Laurence Co., issued by Architectural Testing, Inc. / Intertek and signed by Jarod S. Hardman, Laboratory Manager. *(Submitted under NOA No. 15-0303.01)*

G. OTHERS

1. NOA No. **15-0303.01**, issued to US Aluminum - Division of CR Laurence Company, Inc. for their Series “BAL-350” Single Outswing Aluminum Entrance Door - L.M.I., approved on 05/28/15 and expiring on 03/24/16.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **W04-72**, titled “Series ‘BAL-350’ Alum. Out-Swing Door (L.M.I.)”, sheets 1 through 5 of 5, dated 08/13/04, with revision “**F**” dated 07/19/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum outswing door, Test Report No. **G7769.01-303-18 R4** prepared by Intertek with issue date 10/10/17 and revision date 06/06/18, signed and sealed by Tyler Westerling, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2017**, prepared by Al-Farooq Corporation, dated 09/10/15, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).



Sifang Zhao, P.E.
Product Control Examiner
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E. MATERIAL CERTIFICATIONS

1. NOA No. 17-0712.05 issued to Eastman Chemical Company (MA) for their “Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core” dated 09/07/17, expiring on 05/21/21.
2. NOA No. **17-1114.14** issued to **Kuraray America., Inc.** for their “**Trosifol® Ultraclear, Clear, and Color PVB Interlayers**” dated 01/19/17, expiring on 07/08/19.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2017**, and of no financial interest, issued by Al-Farooq Corporation, dated 11/09/17, signed and sealed by Javad Ahmad, P.E.

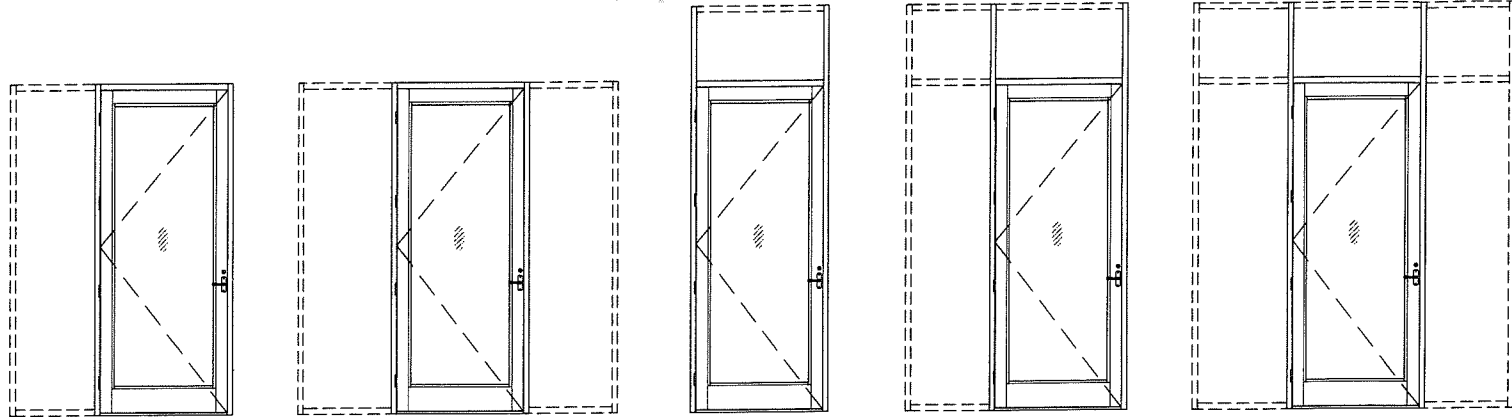
G. OTHERS

1. Notice of Acceptance No. **15-0915.04**, issued to US Aluminum - Division of CR Laurence Company, Inc. for their Series “BAL-350” Outswing Aluminum Entrance Door - L.M.I., approved on 03/31/16 and expiring on 03/24/17.



Sifang Zhao, P.E.
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BALCONY DOOR CAN BE USED WITH TRANSOM AND SIDELITES.
FOR LIMITATIONS SEE SEPARATE MIAMI-DADE COUNTY NOA.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

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

SERIES BAL-350
ALUMINUM OUT-SWING ENTRANCE DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE
INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS
TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

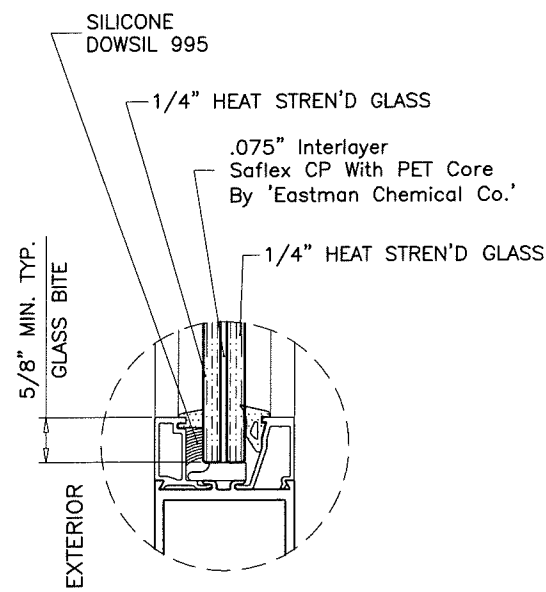
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

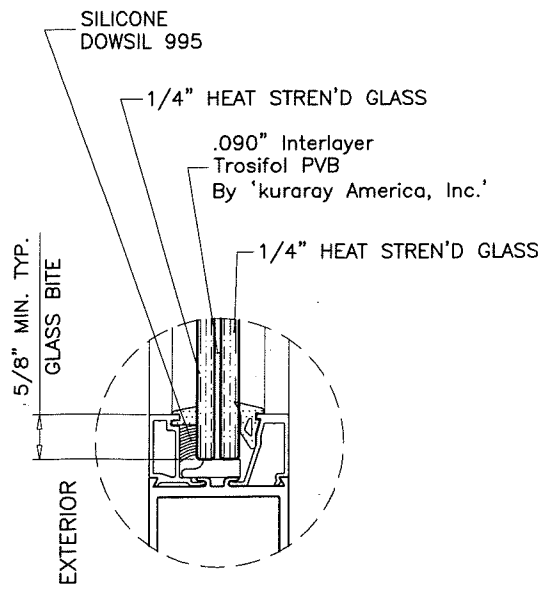
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

GLASS TYPE 'A'
MAXIMUM DESIGN LOAD RATING = + 100.0 PSF
(FOR SIZES SHOWN OR SMALLER) - 100.0 PSF

GLASS TYPE 'B'
MAXIMUM DESIGN LOAD RATING = + 80.0 PSF
(FOR SIZES SHOWN OR SMALLER) - 80.0 PSF

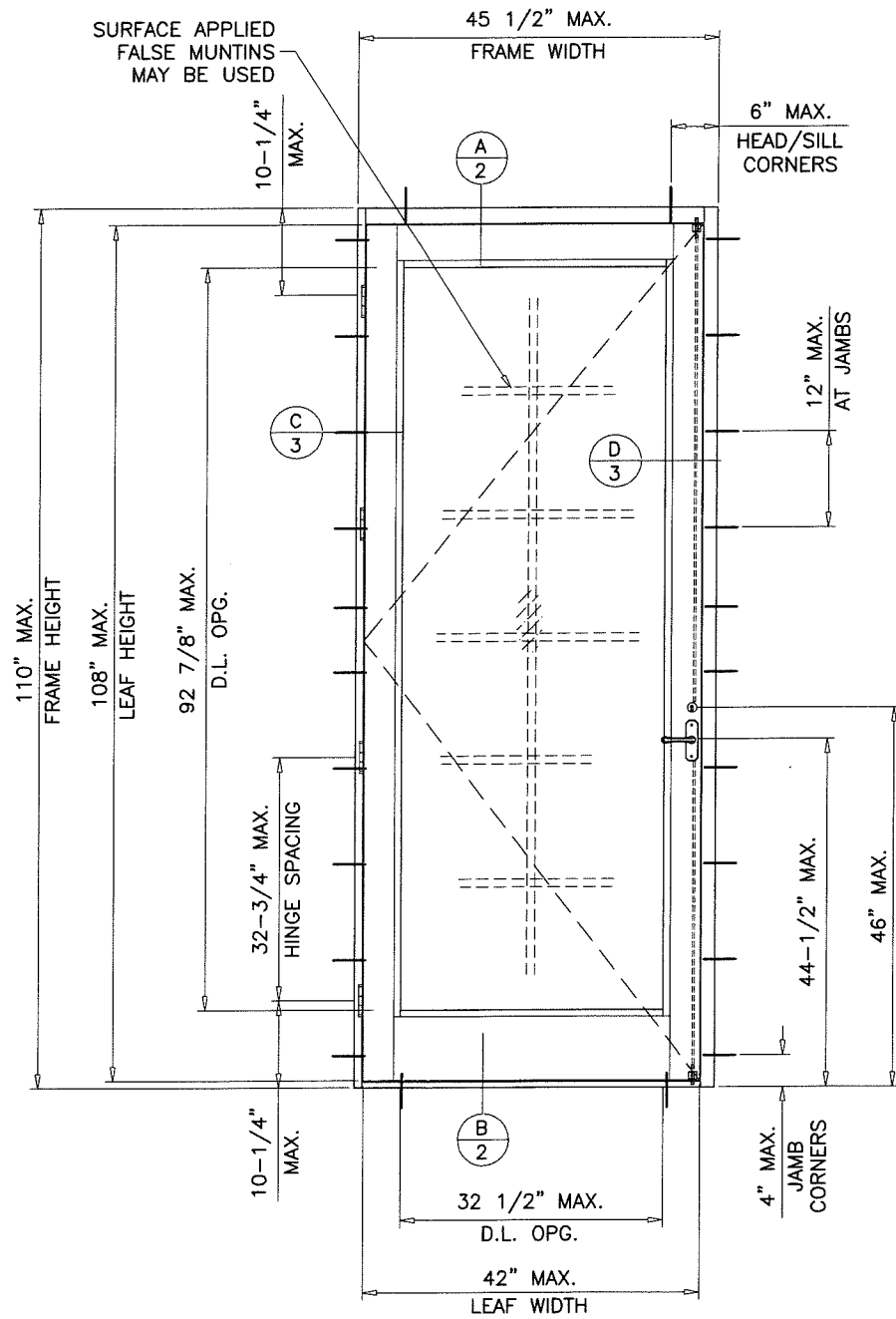


GLASS TYPE 'A'



GLASS TYPE 'B'

GLAZING OPTIONS

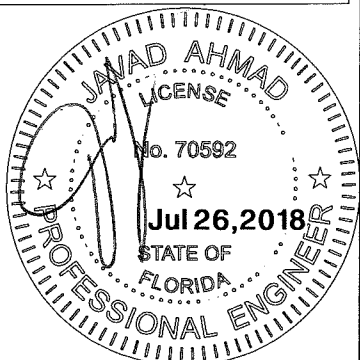


(X)
TYPICAL ELEVATION

LAMINATED GLASS
LARGE MISSILE IMPACT

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0116-08
Expiration Date 09/27/2023

By: [Signature]
Miami Dade Product Control

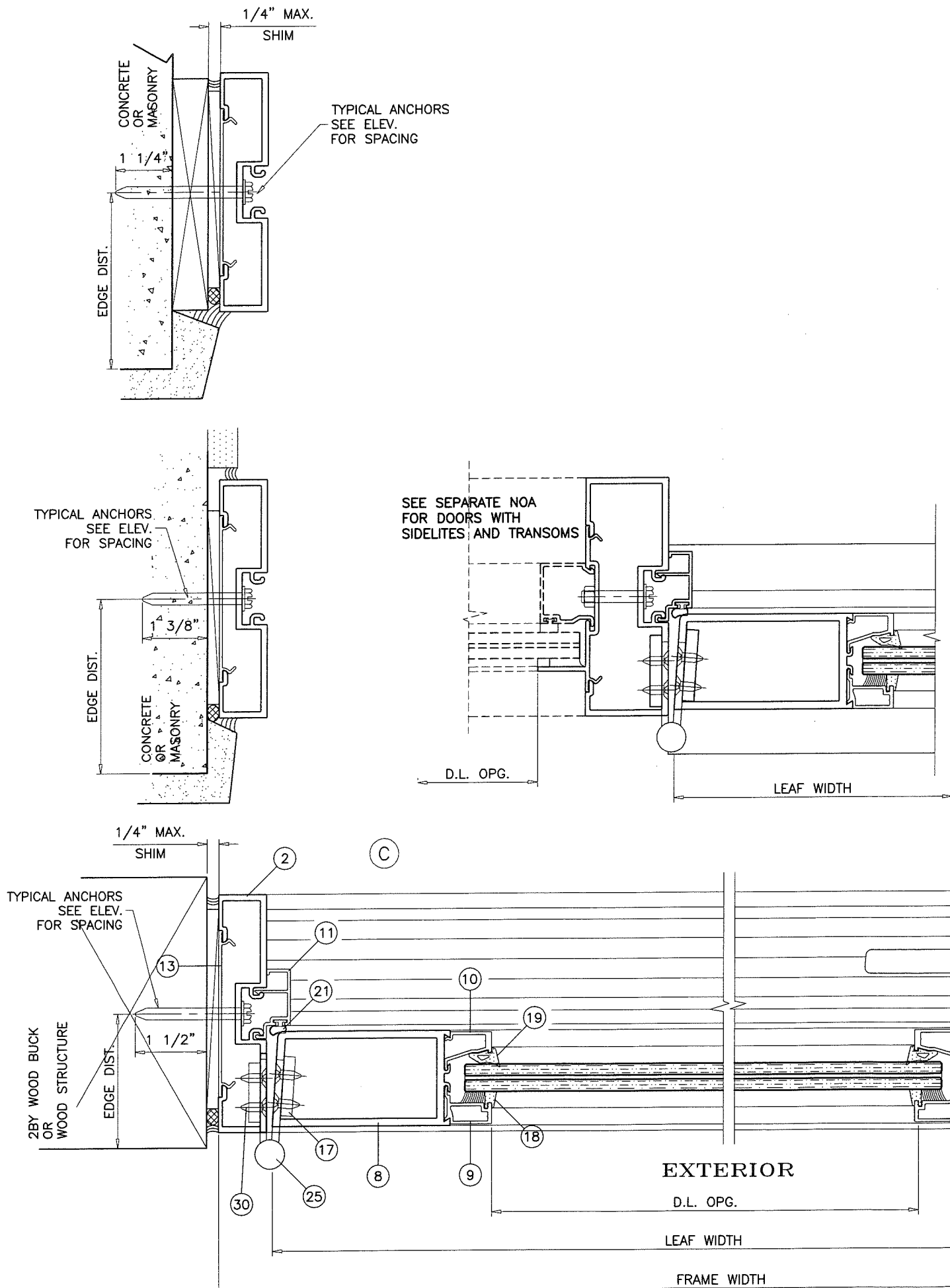


af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

Series 'BAL-350' Aluminum Out-Swing Door (L.M.I.)
US Aluminum
Division Of C.R. Laurence Co., Inc.
7500 N.W. 69TH AVE.
MIAMI, FL 33166
TEL. (305) 888-0077 FAX. (305) 884-3111

revisions:		no	date	by	description
C	03.26.12				UPDATED TO 2010 FBC
D	11.09.17				UPDATED TO 2017 FBC
E	03.16.18				REV. PER PER COMMENTS
F	07.19.18				REV. PER PER COMMENTS

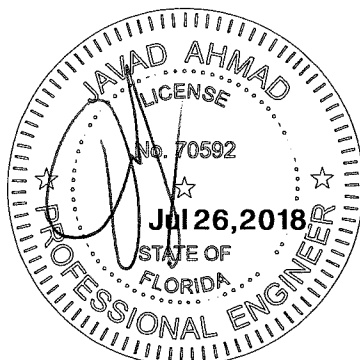
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drawing no. W04-72		sheet 1 of 5	



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-T6	AT ANCHOR LOCATIONS
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	SILICONE	-
19	TR-3235E	-	INTERIOR GASKET	EPDM	-
20	-	2/ LITE	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
21	E236	AS REQD.	BULB W'STRIPPING POLYPROPYLENE BASE, TPE BULB	-	ULTRAFAB BASE DURO 90, BULB DURO 73
22	T4216-K	AS REQD.	PILE W'STRIPPING	-	-
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

PRODUCT REVISED
as complying with the Florida
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By [Signature]
Miami Dade Product Control



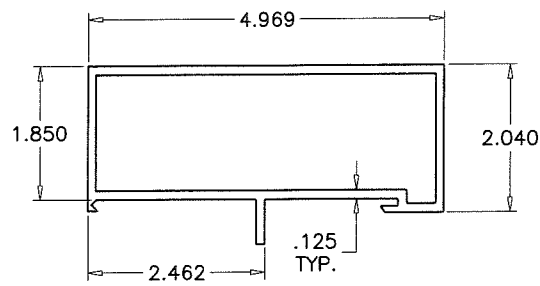
AL-FAROOQ CORPORATION
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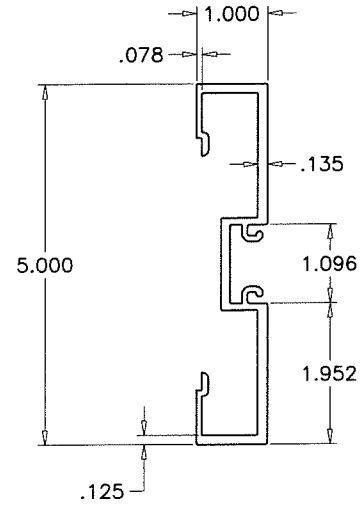
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	C	03.26.12		UPDATED TO 2010 FBC
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	E	03.16.18		REV. PER RER COMMENTS
	F	07.19.18		NO CHANGE THIS SHEET

date: 08-13-04	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no. W04-72		sheet 3 of 5	

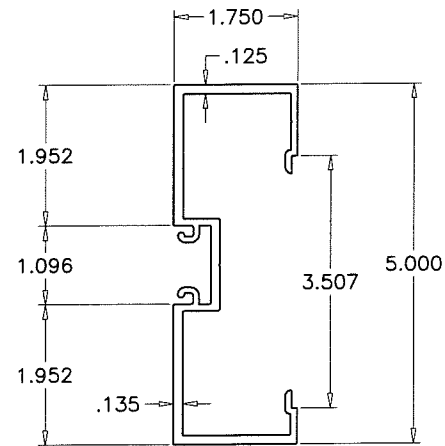
COMP-ANL\W04-72DD



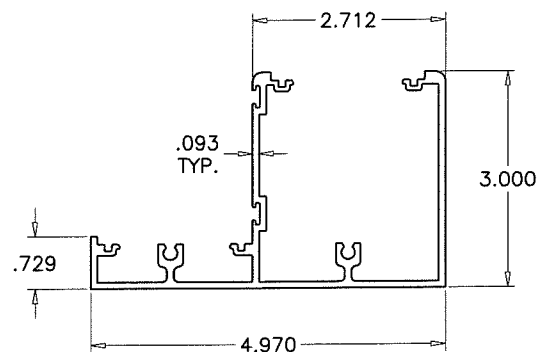
1 FRAME HEAD



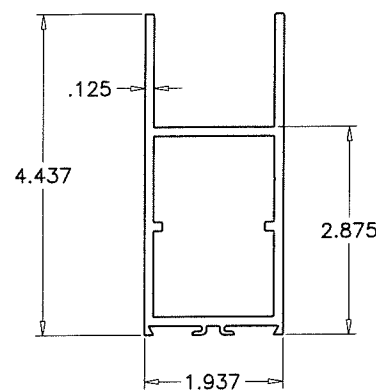
2 FRAME JAMB



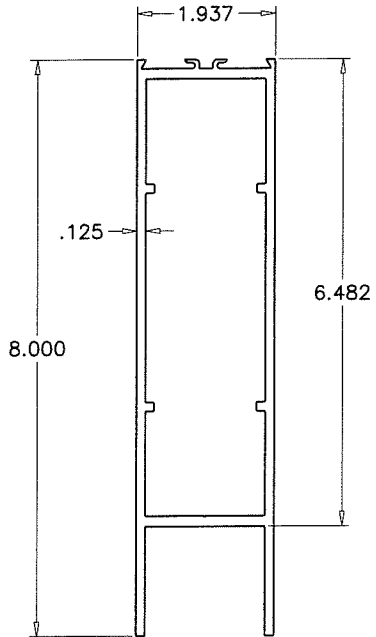
2A ALT. FRAME JAMB



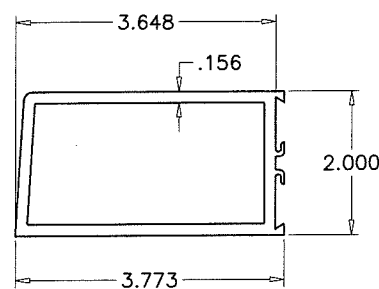
3 FRAME SILL



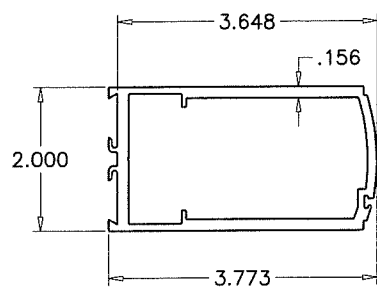
5 TOP RAIL



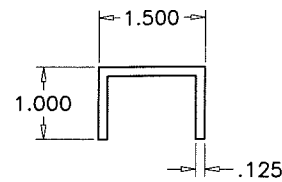
6 BOTTOM RAIL



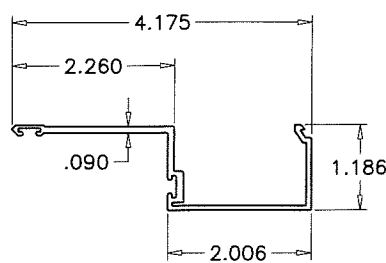
8 HINGE STILE



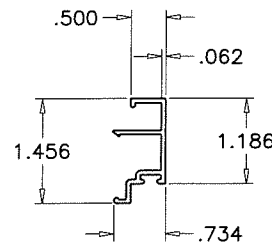
7 LOCK STILE



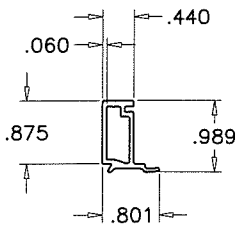
15 SHEAR BLOCK



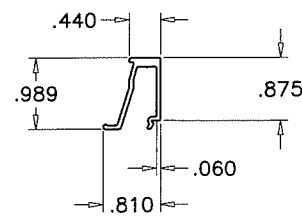
12 DOOR STOP JAMB



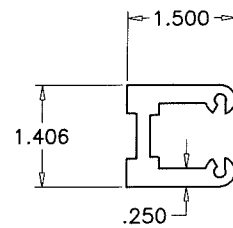
11 DOOR STOP JAMB



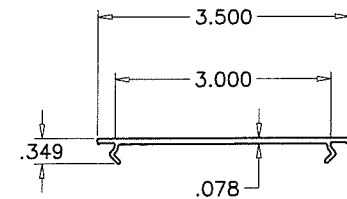
9 EXTERIOR GLASS STOP



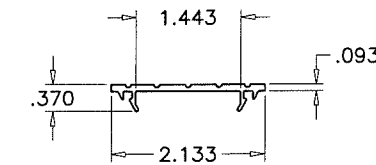
10 INTERIOR GLASS STOP




16 SHEAR CLIP



13 FLAT FILLER



4 SILL FILLER

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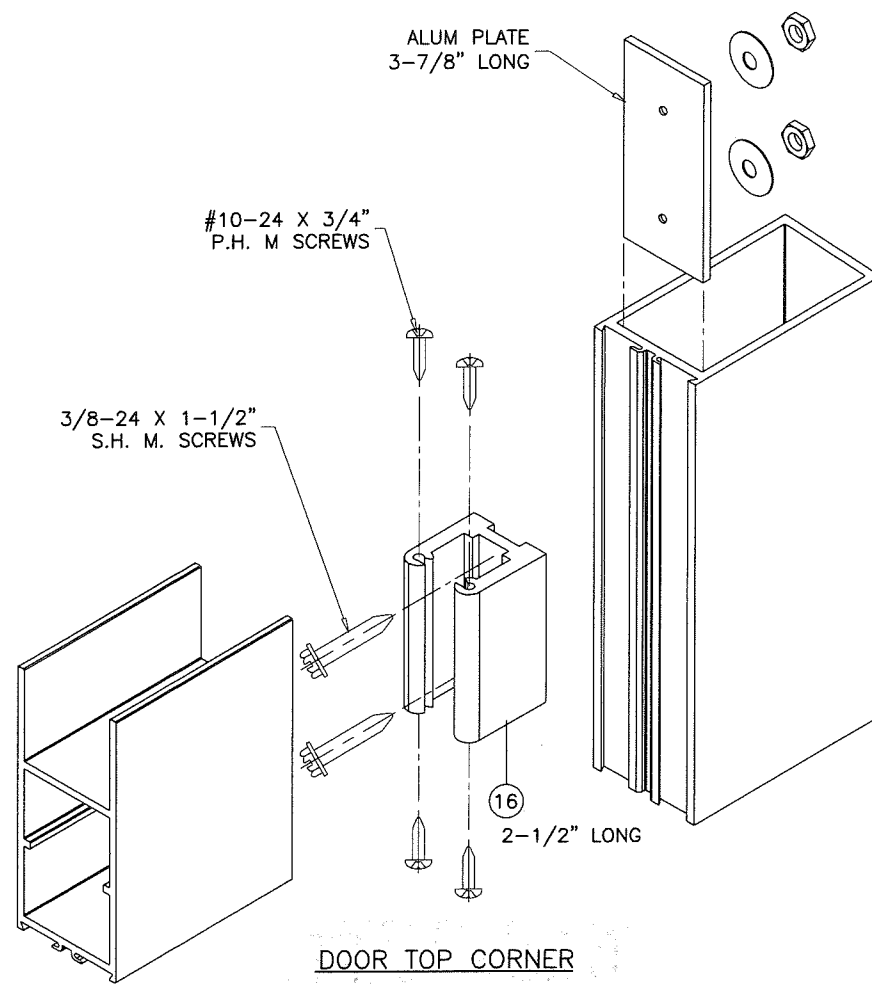
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ENGINEERS & PRODUCT DEVELOPMENT
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COMP-ANL\W04-72DD

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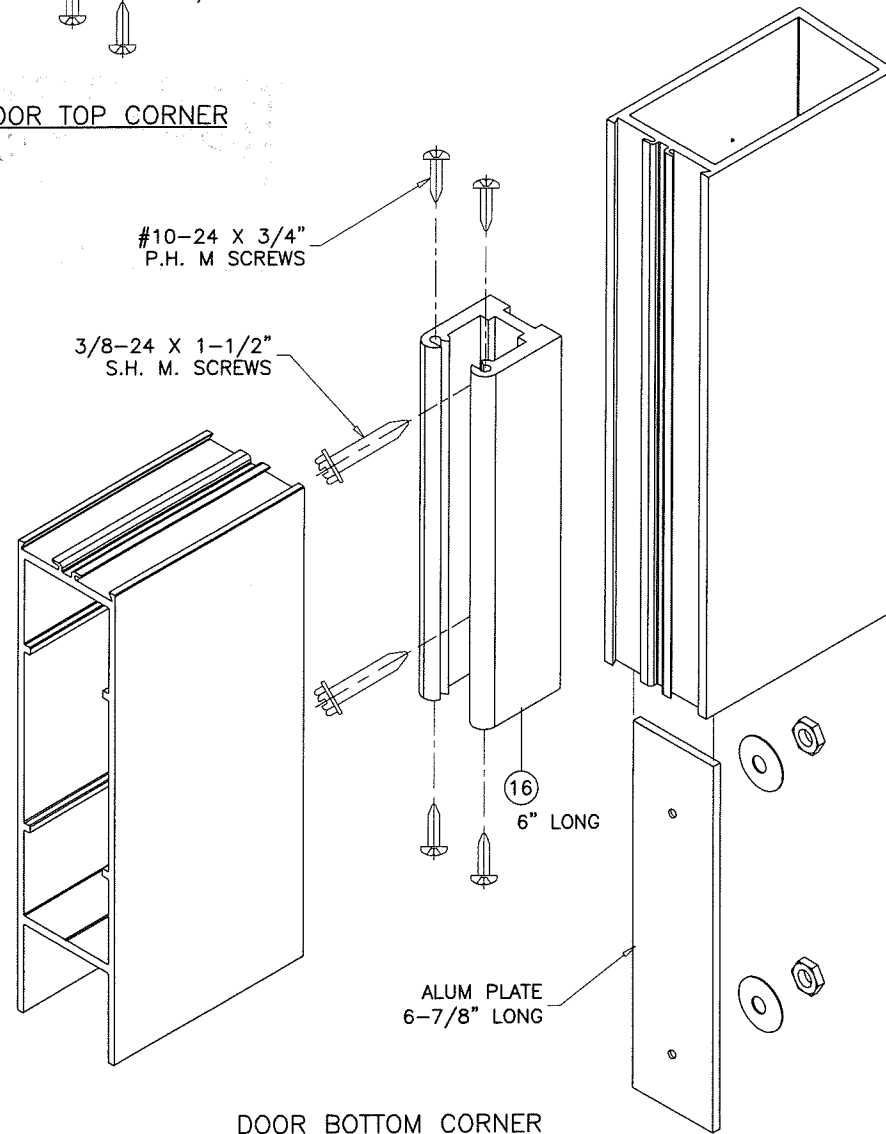
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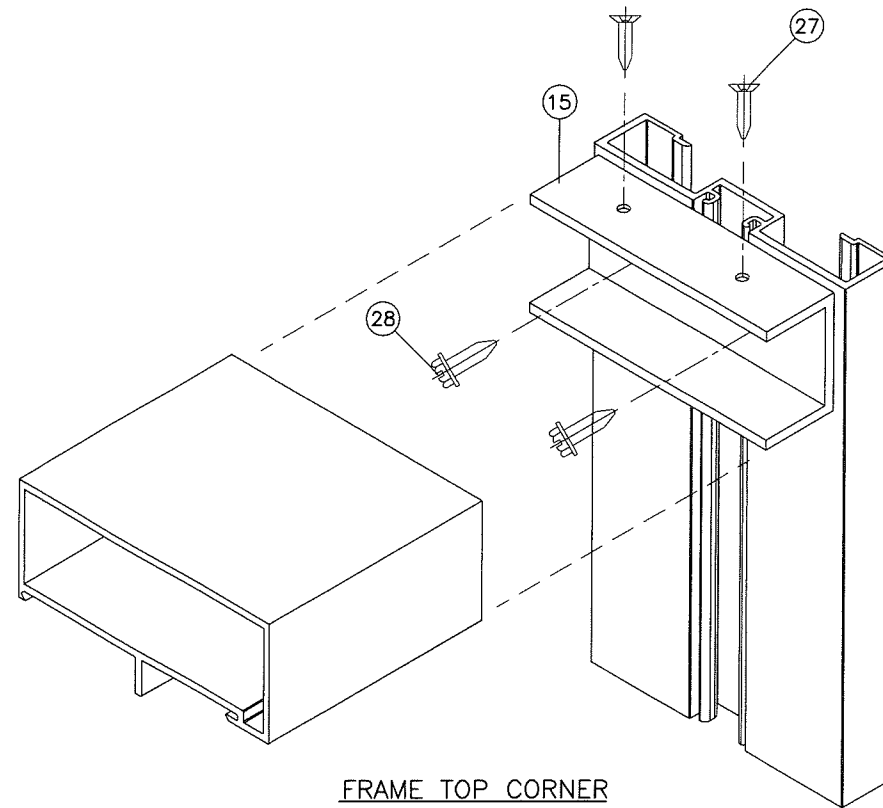
drawing no.
W04-72
sheet 4 of 5



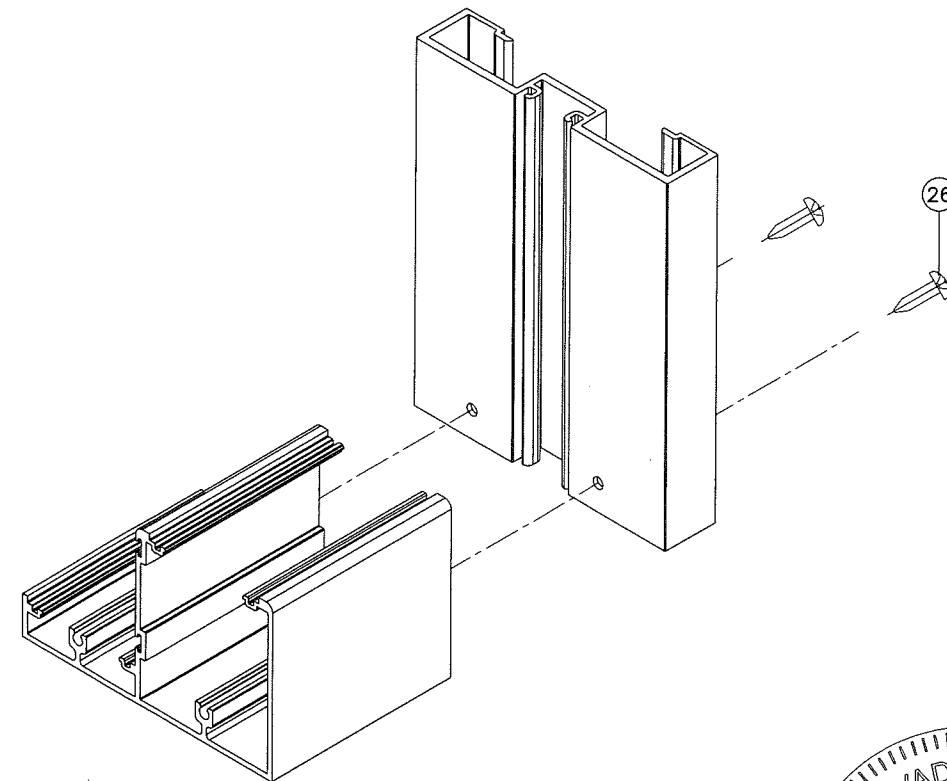
DOOR TOP CORNER



DOOR BOTTOM CORNER



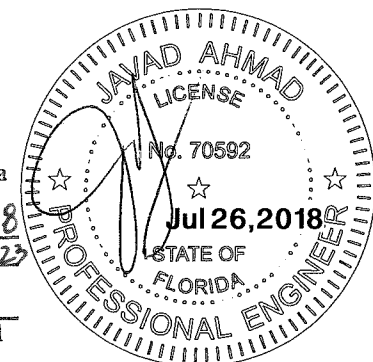
FRAME TOP CORNER



FRAME BOTTOM CORNER

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0116.08
Expiration Date 09/27/2023

By *[Signature]*
Miami Dade Product Control



Series 'BAL-350' Aluminum Out-Swing Door (L.M.I.)

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Division Of C.R. Laurence Co., Inc.
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MIAMI, FL 33166

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revisions:

no	date	by	description
C	03.26.12		UPDATED TO 2010 FBC
D	11.09.17		UPDATED TO 2017 FBC
E	03.16.18		NO CHANGE THIS SHEET
F	07.19.18		NO CHANGE THIS SHEET

date: 08-13-04

scale: 3/8" = 1"

dr. by: TARIQ

chk. by:

drawing no.

W04-72

sheet 5 of 5

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COMP-ANL W04-72DD