



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

U. S. Aluminum (FL),
Division of C. R. Laurence Company.
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 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 "DMS-35" Outswing Aluminum Entrance Door w/wo Transom -NI

APPROVAL DOCUMENT: Drawing N0. W11-07 Rev E, titled "Series DMS-35 Alum Out-swing Entrance Door (NI)", sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 02-24-11 and last revised on May 15, 2018, 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: None: Approved Hurricane Protection Device complying w/ FBC is required.

Limitations:

1. See Single or Double Doors Design Pressure (DP) in sheet 1. See sheet 2 for Design Pressure capacity w/ Transom bar (Horizontal mullion). When single or double doors w/ Transom (O/X or O/XX) used, the lower DP shall control for the entire unit. The Doors are not rated for water infiltration, where needed.
2. Door w/wo Transom can be mulled with US Aluminum "DSF-450" Storefront System (under separate NOA), the lower DP shall control from Door, Door w/Transom or the Storefront for the entire assembly. The tributary mullion load, anchors and installation to be reviewed by Building Official.

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 **renews & revises** NOA #171017.02 (#15-0915.06) and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

NOA No. 18-0116.10

Expiration Date: October 13, 2023

Approval Date: September 27, 2018

Page 1

MIAMI-DADE COUNTY
APPROVED

2/17/18

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under file reference below).
2. Drawing N0. **W11-07 Rev C**, titled "Series **DMS-35** Alum Out-swing Entrance Door (NI)", sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 02-24-11 and last revised on SEP 07, 2016, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under file #11-0415.02)

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. **FTL-4242**, dated 08/18/04, signed and sealed by Edmundo Largaespada, P. E.

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 complying w/ FBC 2014(5th Edition), prepared by AL- Farooq Corporation, dated 08/24/15 and last revised on AUG 01, 2016, signed and sealed by late Javad Ahmad, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE


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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS (Items #4 & #5 submitted under file #11-0415.02)

1. Statement letter of conformance to FBC 2014(5th Edition) statement of no financial interest, prepared by Al Farooq Corporation, dated 08/11/15, signed and sealed by Javad Ahmad, P.E.
2. Press Release dated August 25, 2011, issued by C. R. Laurence Company, Inc. of announcement of C. R. Laurence (CRL) and U. S. Aluminum Company (USAL) on the integration of Delta Doors with U.S. Aluminum, Florida.
3. Press Release dated 07/08/11, issued by C. R. Laurence Company, Inc. (CRL) announcing the Acquisition of U.S. Aluminum Company (USAL) 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.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0116.09
Expiration Date: October 13, 2023
Approval Date: September 27, 2018

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue)

4. 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
5. Delta Doors fictitious name listing by owner Vidco Industries Inc, w/ FL Dept. of State (Sunbitz).
6. Statement letter of Lab compliance, as a part of above referenced test reports

G. OTHER

1. This NOA **renews & revises NOA #11-0415.02**, conditionally for one year expiring OCT 13, 2017.
2. Test proposals **#15-1955** approved by RER & **#02-0472** dated 06/11/03, approved by BCCO.

2. New Evidence submitted.

A. DRAWINGS

1. Drawing N0. **W11-07 Rev E**, titled "Series **DMS-35** Alum Out-swing Entrance Door (NI)", sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 02-24-11 and last revised on May 15, 2018, 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.

Along with marked-up drawings and installation diagram of aluminum outswing entrance doors, prepared by Intertek-ATI, test report # **H2844-01-303-18RO**, , dated 12/13/17, signed and sealed by Tyler Westerling, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2017 (6th Edition), prepared by Al Farooq Corporation, dated 12/18/17 and last revised on 05/17/18, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to **FBC 2017 (6th Edition)** and of no financial interest, prepared by Al Farooq Corporation, dated 11/08/17, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA **revises & renews NOA #17-1017.02 (#15-0915.06)**, expiring 10/13/23.
2. Test proposal # 15-1975 dated 03/13/15, approved by RER.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0116.09

Expiration Date: October 13, 2023
Approval Date: September 27, 2018



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

U. S. Aluminum (FL),
Division of C. R. Laurence Company.
7500 NW 69th Ave
Miami, FL 33166

Scanned

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 "DMS-35" Outswing Aluminum Entrance Door w/wo Transom -NI

APPROVAL DOCUMENT: Drawing N0. W11-07 Rev E, titled "Series DMS-35 Alum Out-swing Entrance Door (NI)", sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 02-24-11 and last revised on May 15, 2018, 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: None: Approved Hurricane Protection Device complying w/ FBC is required.

Limitations:

1. See Single or Double Doors Design Pressure (DP) in sheet 1. See sheet 2 for Design Pressure capacity w/ Transom bar (Horizontal mullion). When single or double doors w/ Transom (O/X or O/XX) used, the lower DP shall control for the entire unit. The Doors are not rated for water infiltration, where needed.
2. Door w/wo Transom can be mulled with US Aluminum "DSF-450" Storefront System (under separate NOA), the lower DP shall control from Door, Door w/Transom or the Storefront for the entire assembly. The tributary mullion load, anchors and installation to be reviewed by Building Official.

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 **renews & revises** NOA #171017.02 (#15-0915.06) and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

NOA No. 18-0116.10
Expiration Date: October 13, 2023
Approval Date:
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under file reference below).
2. Drawing N0. **W11-07 Rev C**, titled "Series **DMS-35** Alum Out-swing Entrance Door (NI)", sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 02-24-11 and last revised on SEP 07, 2016, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under file #11-0415.02)

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. **FTL-4242**, dated 08/18/04, signed and sealed by Edmundo Largaespada, P. E.

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 complying w/ FBC 2014(5th Edition), prepared by AL- Farooq Corporation, dated 08/24/15 and last revised on AUG 01, 2016, signed and sealed by late Javad Ahmad, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS (Items #4 & #5 submitted under file #11-0415.02)

1. Statement letter of conformance to FBC 2014(5th Edition) statement of no financial interest, prepared by Al Farooq Corporation, dated 08/11/15, signed and sealed by Javad Ahmad, P.E.
2. Press Release dated August 25, 2011, issued by C. R. Laurence Company, Inc. of announcement of C. R. Laurence (CRL) and U. S. Aluminum Company (USAL) on the integration of Delta Doors with U.S. Aluminum, Florida.
3. Press Release dated 07/08/11, issued by C. R. Laurence Company, Inc. (CRL) announcing the Acquisition of U.S. Aluminum Company (USAL) 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.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0116.09
Expiration Date: October 13, 2023
Approval Date:

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue)

4. 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
5. Delta Doors fictitious name listing by owner Vidco Industries Inc, w/ FL Dept. of State (Sunbitz).
6. Statement letter of Lab compliance, as a part of above referenced test reports

G. OTHER

1. This NOA **renews & revises NOA #11-0415.02**, conditionally for one year expiring OCT 13, 2017.
2. Test proposals **#15-1955** approved by RER & **#02-0472** dated 06/11/03, approved by BCCO.

2. New Evidence submitted.

A. DRAWINGS

1. Drawing N0. **W11-07 Rev E**, titled "Series **DMS-35** Alum Out-swing Entrance Door (NI)", sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 02-24-11 and last revised on May 15, 2018, 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.

Along with marked-up drawings and installation diagram of aluminum outswing entrance doors, prepared by Intertek-ATI, test report # **H2844-01-303-18RO**, , dated 12/13/17, signed and sealed by Tyler Westerling, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2017 (6th Edition), prepared by Al Farooq Corporation, dated 12/18/17 and last revised on 05/17/18, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

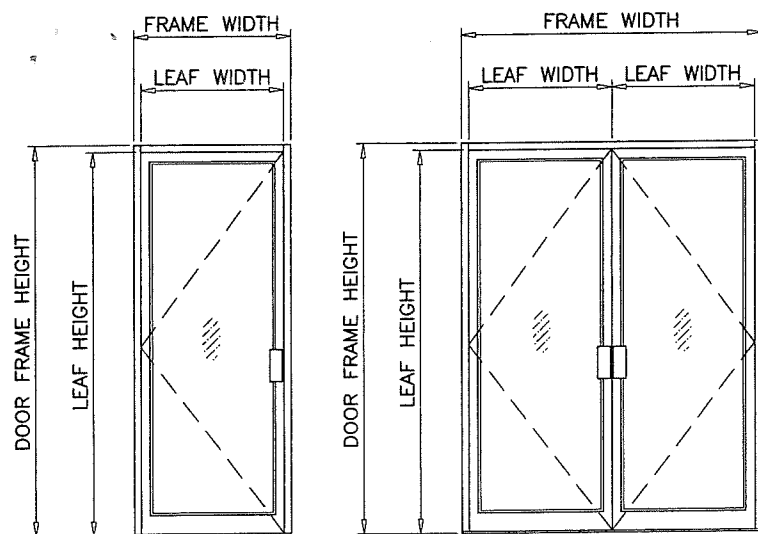
F. STATEMENTS

1. Statement letter of conformance to **FBC 2017 (6th Edition)** and of no financial interest, prepared by Al Farooq Corporation, dated 11/08/17, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA **revises & renews NOA #17-1017.02 (#15-0915.06)**, expiring 10/13/23.
2. Test proposal # 15-1975 dated 03/13/15, approved by RER.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0116.09
Expiration Date: October 13, 2023
Approval Date:



(X)

(XX)

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"		35-3/4		68.6	68.6
33-1/2"	63-1/2"	97-1/2	29-3/4	95	72.0	72.0
39-1/2"	75-1/2"		35-3/4		60.0	60.0

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

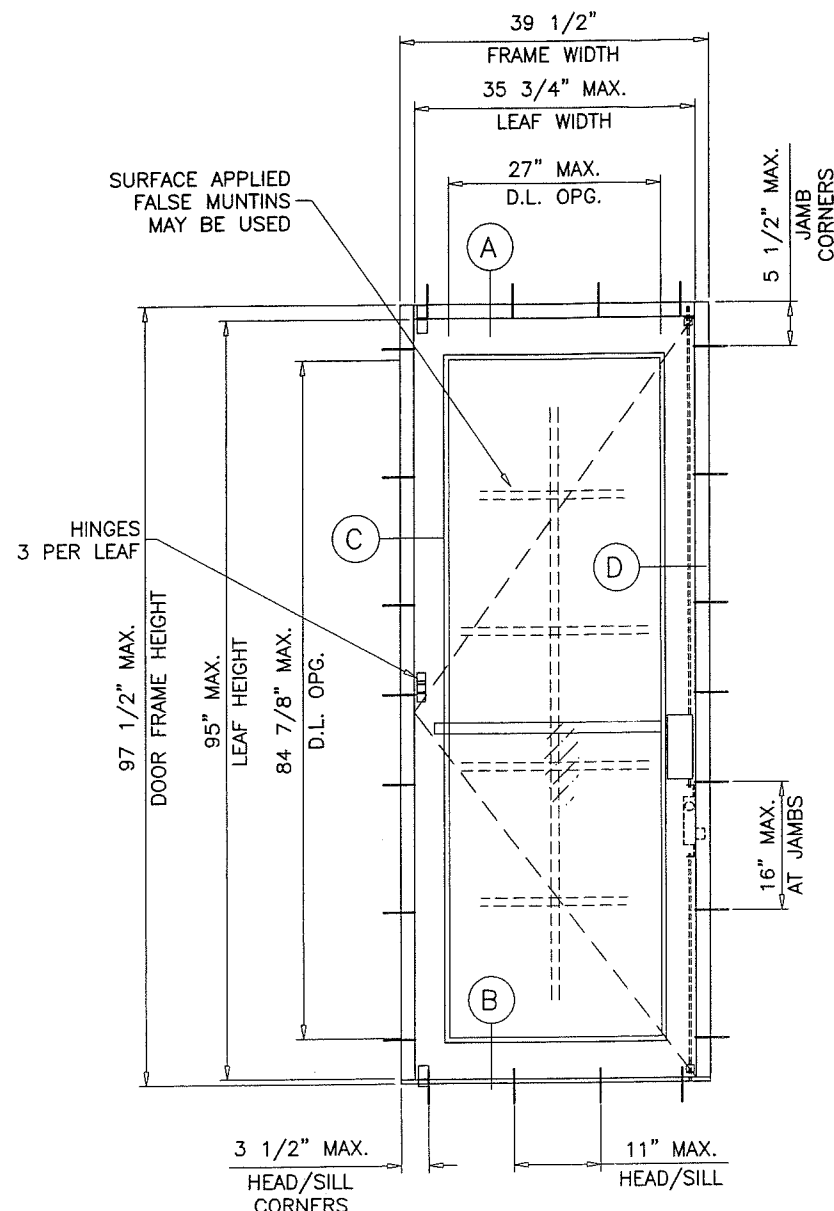
DMS-35 ALUMINUM OUT-SWING ENTRANCE DOOR

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 (O/X OR O/XX).

DOORS CAN ALSO BE USED WITH 'DSF-450' US ALUMINUM
STOREFRONT SYSTEM.
FOR OUTSWING 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.



TYPICAL ELEVATIONS

GLASS D.L.O. DIMS.

D.L.O. HEIGHT = DOOR 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 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.

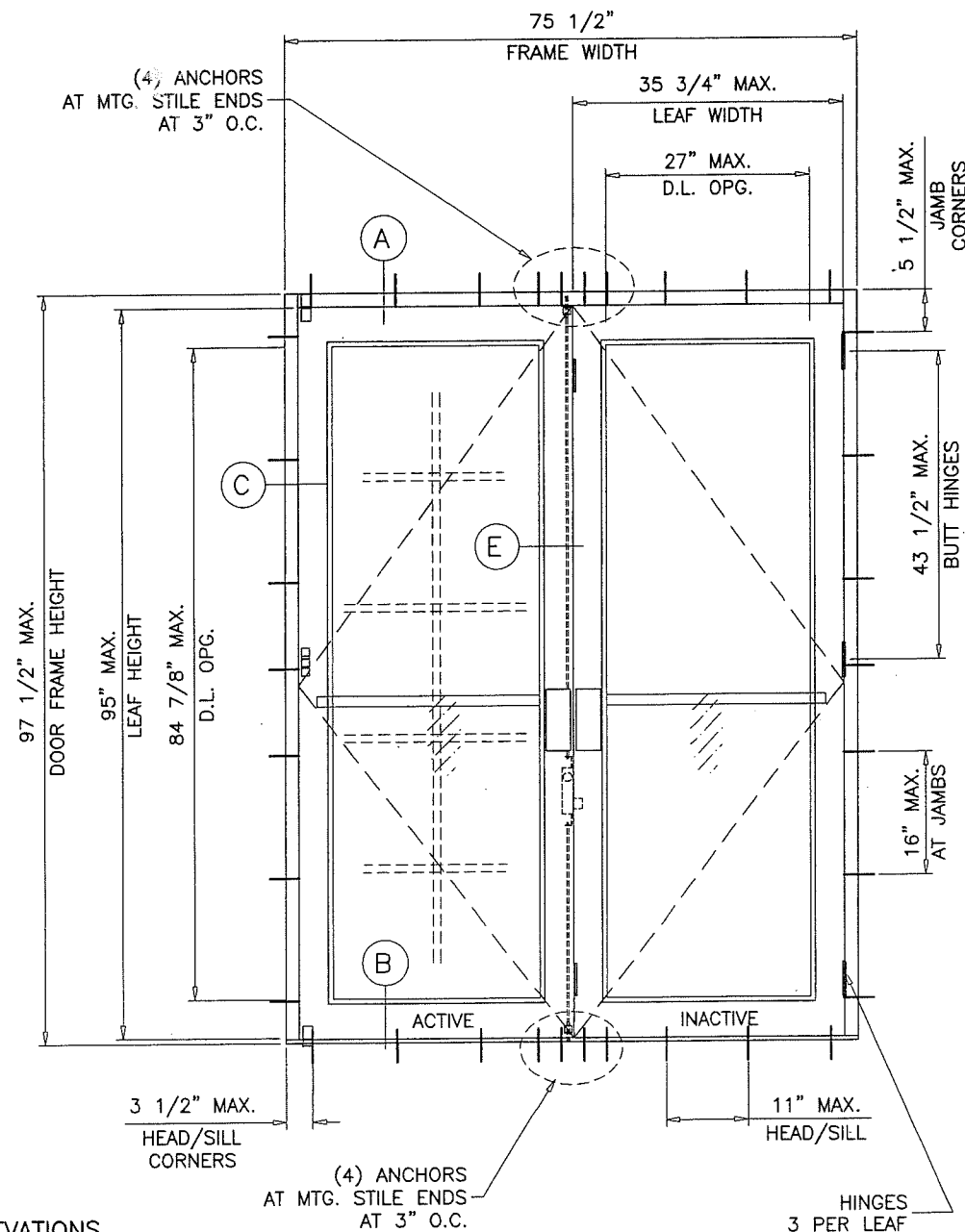
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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.

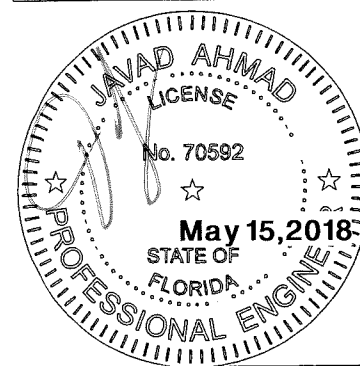
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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



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

MONOLITHIC GLASS
NON-IMPACT

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0116-10
Expiration Date OCT 13, 2023
Javad Ahmad
Professional Engineer



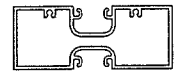
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-8978
COMP--ANL W11-07DD

DMS-35 ALUM OUT-SWING ENTRANCE DOOR (N.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
	A	09.06.11	REV. PER BNC COMMENTS	
	B	08.19.15	UPDATED TO 2014 FBC	
	C	05.03.16	REV. PER RER COMMENTS	
	D	11.20.17	UPDATED TO 2017 FBC	
	E	05.14.18	REV. PER RER COMMENTS	

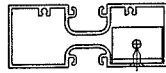
date: 02-24-11
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:
drawing no.
W11-07
sheet 1 of 8

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

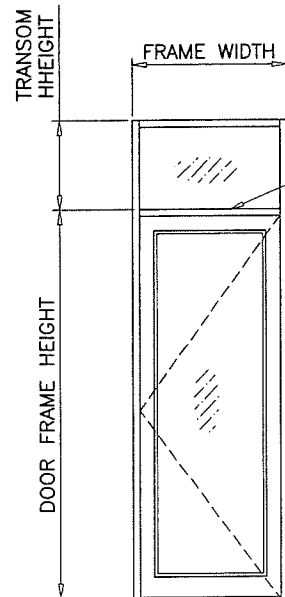


WITHOUT CLIP

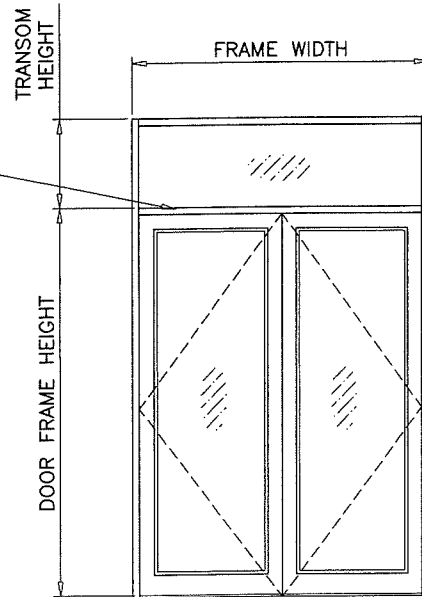
DESIGN LOAD CAPACITY - PSF DOUBLE DOOR HORIZONTAL MULLION (TRANSOM BAR) WITH ANGLE REINFORCED CLIP			
NOMINAL DIMS.			LOADS - PSF
FRAME WIDTH INCHES	DOOR HEIGHT INCHES	TRANSOM HEIGHT INCHES	EXT. (+) INT. (-)
63-1/2	97-1/2	22-1/2	60.0
		26-1/2	51.4
75-1/2	97-1/2	22-1/2	60.0



WITH CLIP



(O/X)



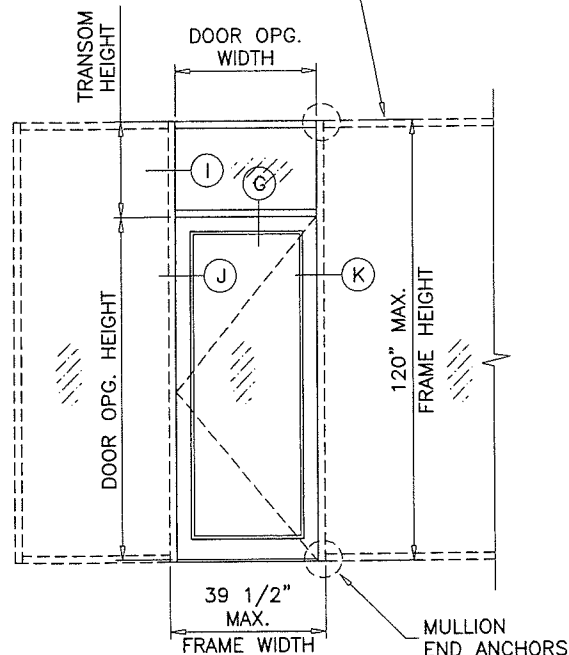
(O/XX)

US ALUMINUM
DSF-450 STOREFRONT SYSTEM
SEE SEPARATE NOA
FOR DOOR MULLION
AND MULLION ANCHORS REQUIREMENTS
TO BE REVIEWED BY AHJ

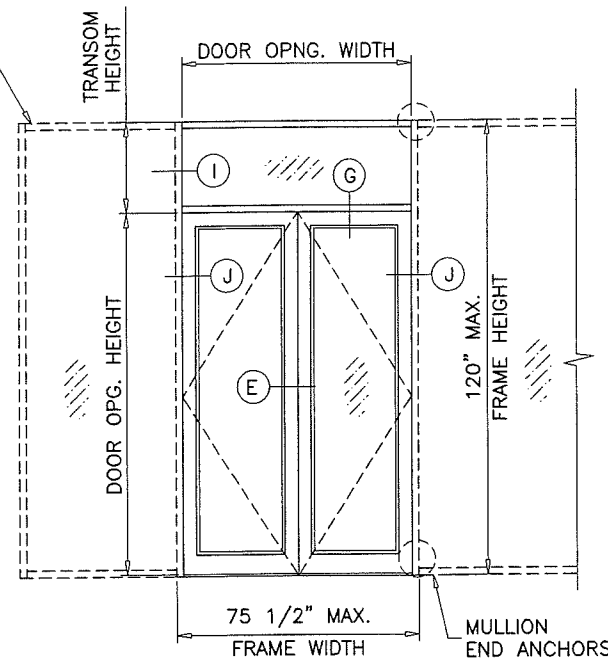
TRANSOM GLASS D.L.O. DIMS.

D.L.O. HEIGHT = TRANSOM HEIGHT - 1.750"

D.L.O. WIDTH = TRANSOM WIDTH - 3.750"



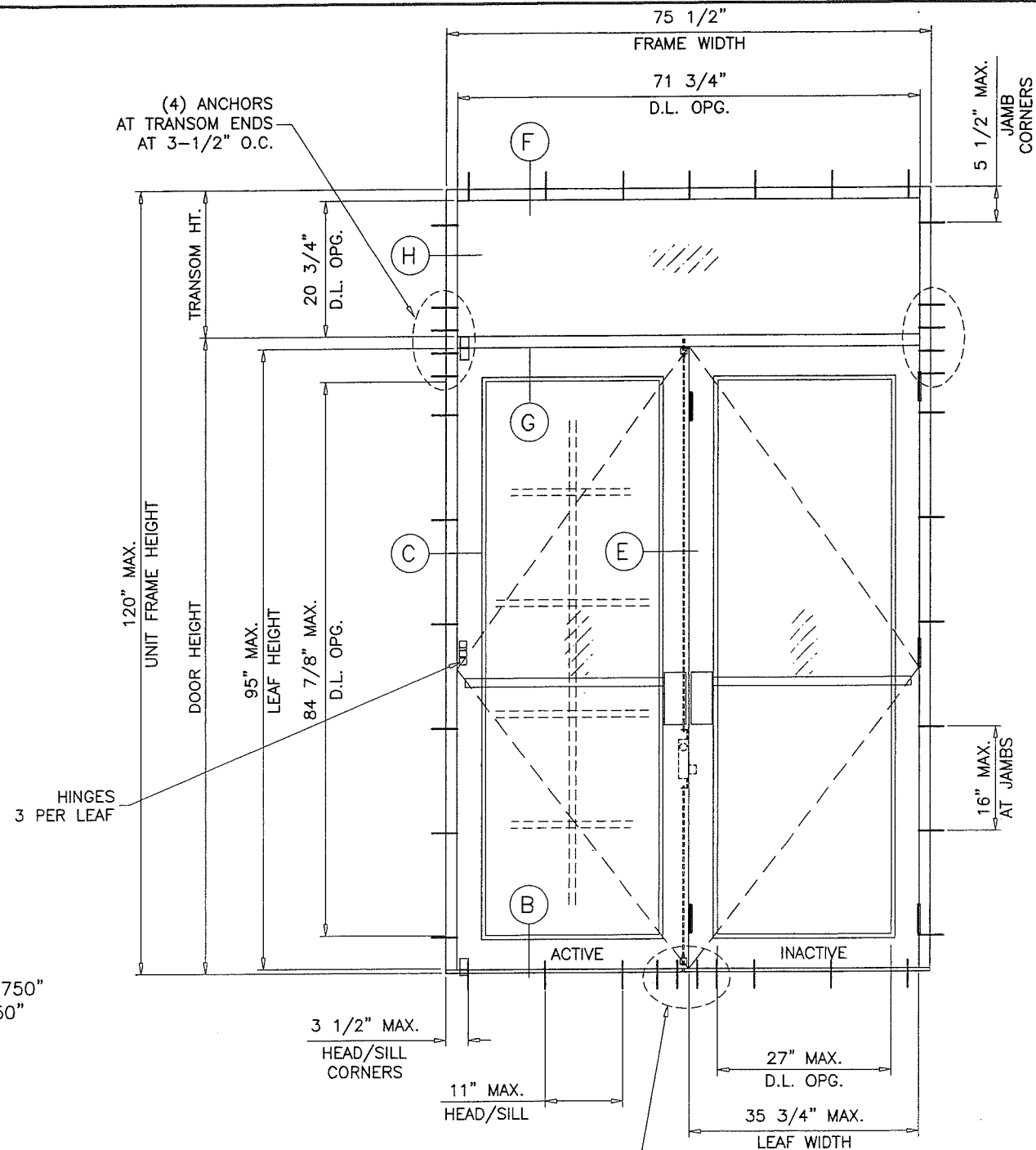
(O/X)



(O/XX)

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.

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



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0116-10
Expiration Date 10/13/23
by: [Signature]
Manager, Super Product Control



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

DMS-35 ALUM OUT-SWING ENTRANCE DOOR (N.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
	A	09.06.11	REV. PER BNC COMMENTS	
	B	08.19.15	UPDATED TO 2014 FBC	
	C	05.03.16	REV. PER PER COMMENTS	
	D	11.20.17	NO CHANGE THIS SHEET	
	E	05.14.18	NO CHANGE THIS SHEET	

date: 02-24-11
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

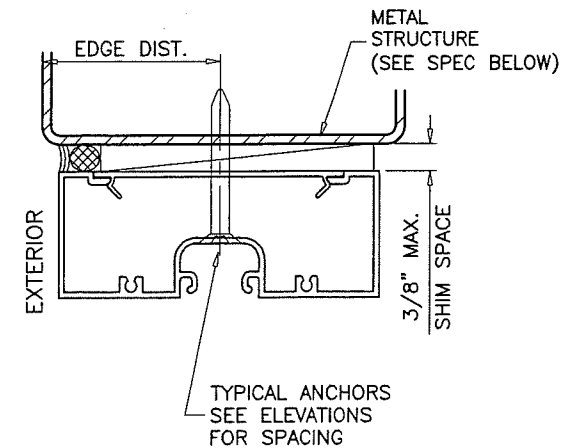
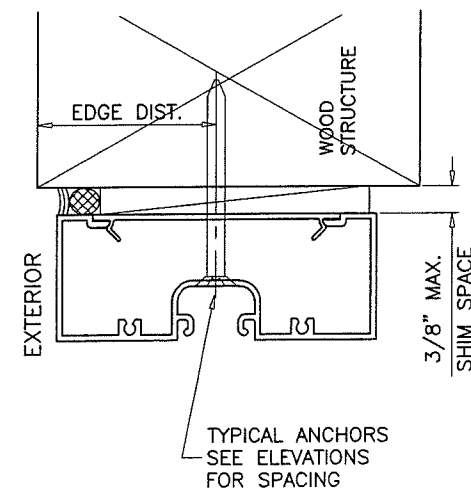
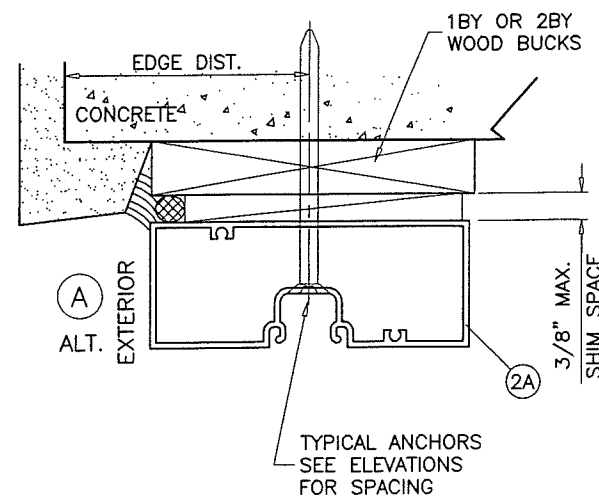
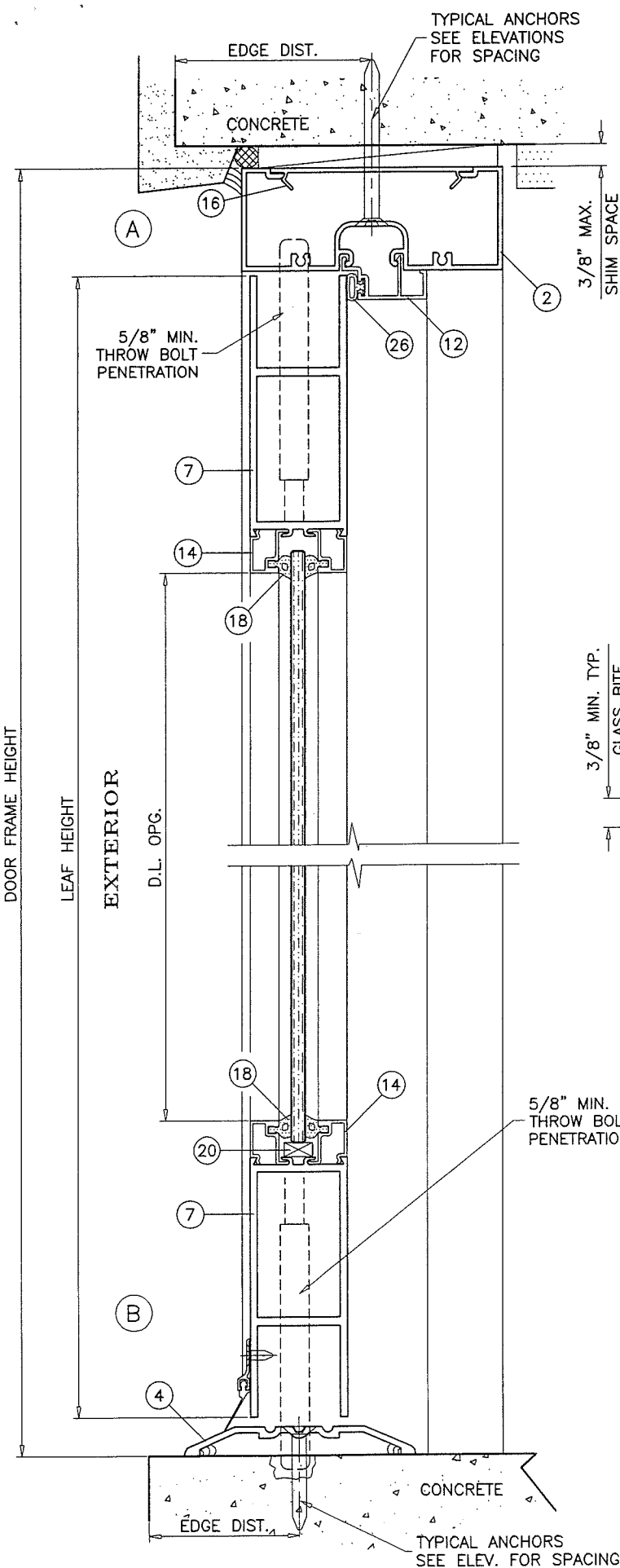
drawing no.
W11-07
sheet 2 of 8

DOOR FRAME HEIGHT

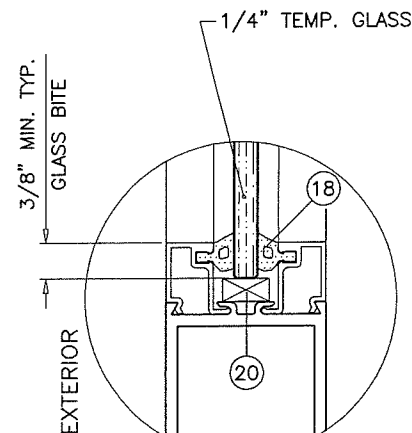
LEAF HEIGHT

EXTERIOR

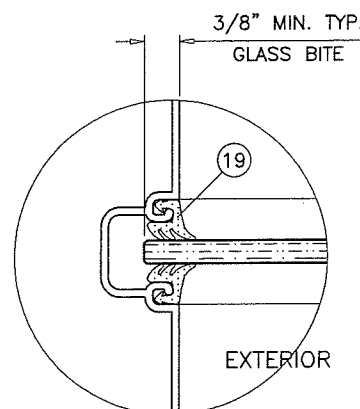
D.L. OPG.



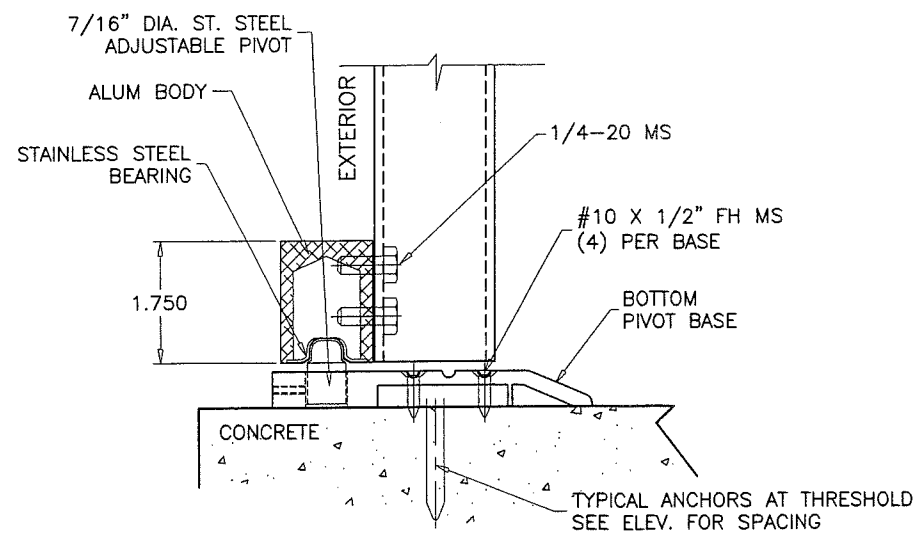
WOOD BUCKS AND METAL STRUCTURE NOT BY US ALUMINUM
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.



GLAZING DETAIL
DOOR LEAF



GLAZING DETAIL
FIXED LITE



OFFSET PIVOT HINGE AT THRESHOLD

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI)
INTO WOOD STRUCTURES

2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 1BY OR 2BY BUCKS INTO CONC. OR BLOCKS

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS

2" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONC. OR BLOCKS (JAMBS)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS

(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

STEEL: 1/8" THK. MIN. ($F_y = 36$ KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
OR

INTO METAL STRUCTURES (HEAD/JAMBS)

(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

STEEL: 1/8" THK. MIN. ($F_y = 36$ KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

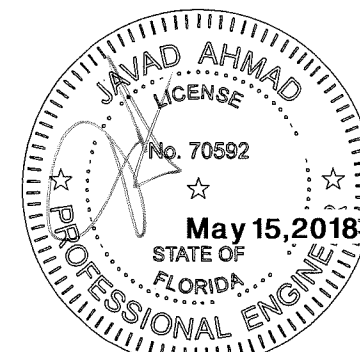
INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS $f'_c = 3000$ PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS $f'_m = 2000$ PSI MIN.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0116-10
Expiration Date 10/13/23
J. Shag I. Chant
Product Control



DMS-35 ALUM OUT-SWING ENTRANCE DOOR (N.I.)

US Aluminum
Division Of C.R. Laurence Co., Inc.

7500 N.W. 69TH AVE.
MIAMI, FL 33166

FAX. (305) 888-0077

FAX. (305) 884-3111

revisions:	no	date	by	description
	A	09.06.11		REV. PER BNC COMMENTS
	B	08.19.15		UPDATED TO 2014 FBC
	C	05.03.16		REV. PER PER COMMENTS
	D	11.20.17		UPDATED TO 2017 FBC
	E	05.14.18		NO CHANGE THIS SHEET

date:	02-24-11
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	

drawing no.
W11-07

sheet 3 of 8

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

MIAMI, FLORIDA 33173

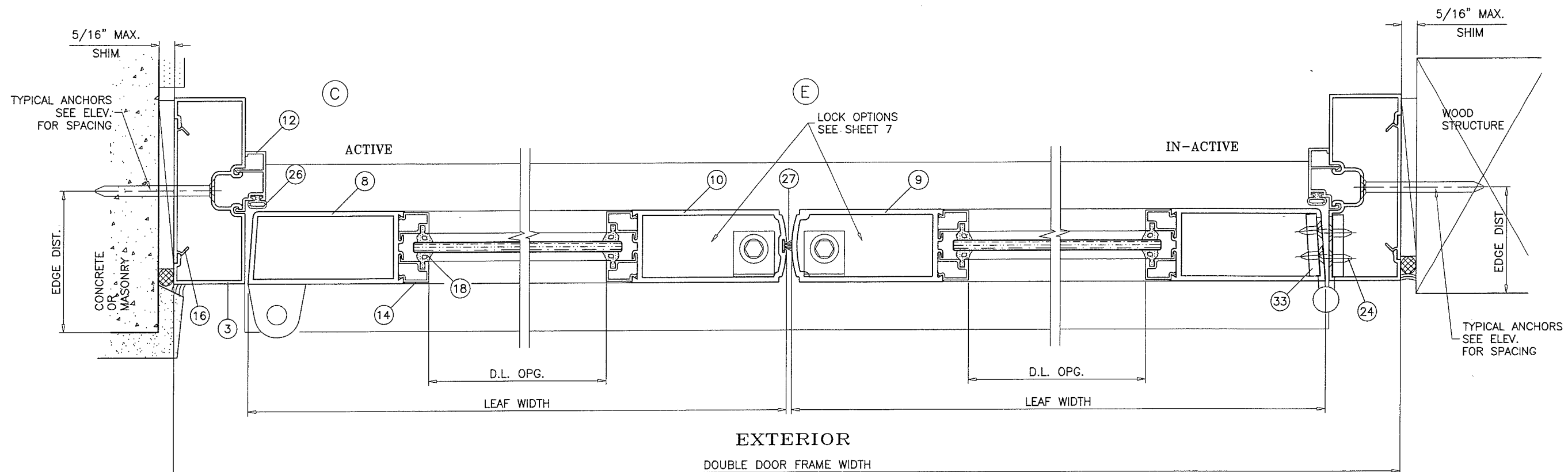
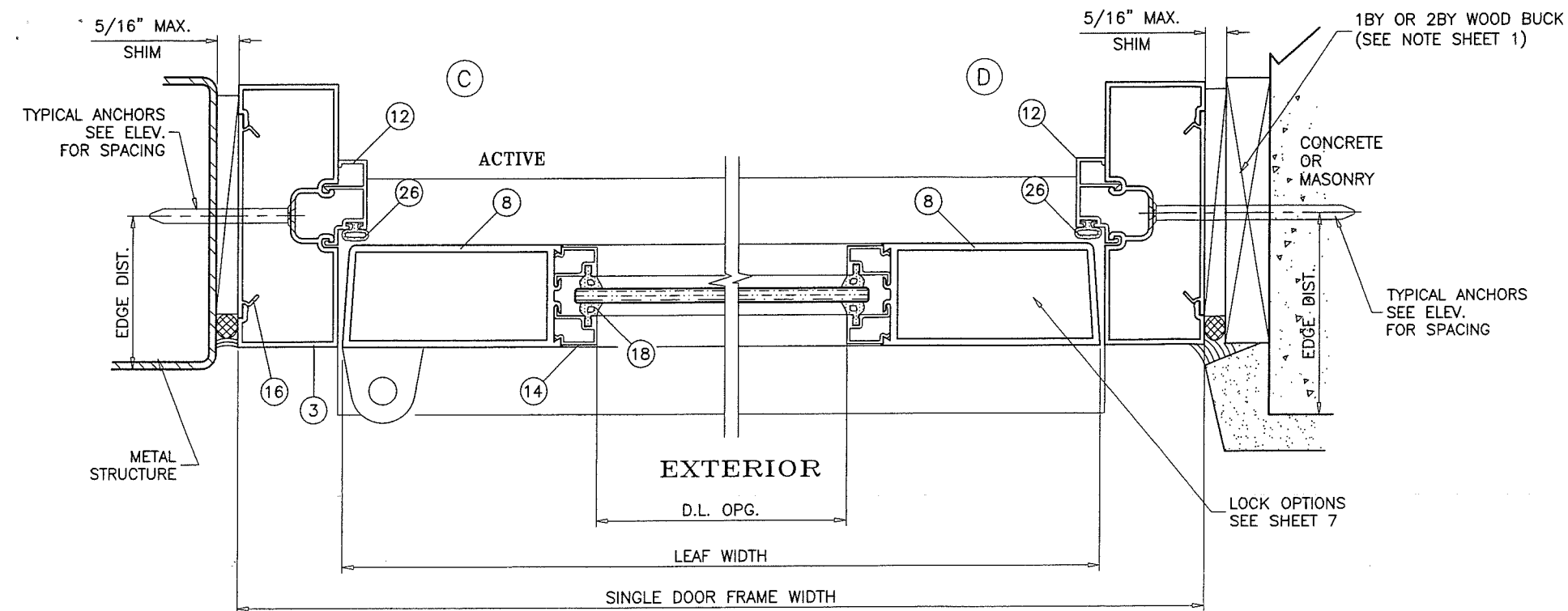
TEL. (305) 264-8100

FAX. (305) 262-6978

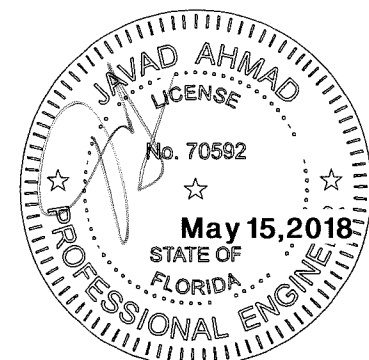
(C.A.N. 3538)

af c

COMP-ANL\W11-07DD



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0116-10
Expiration Date 10/13/23
J. Shingl. Chanak
Miami Door Product Control



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)

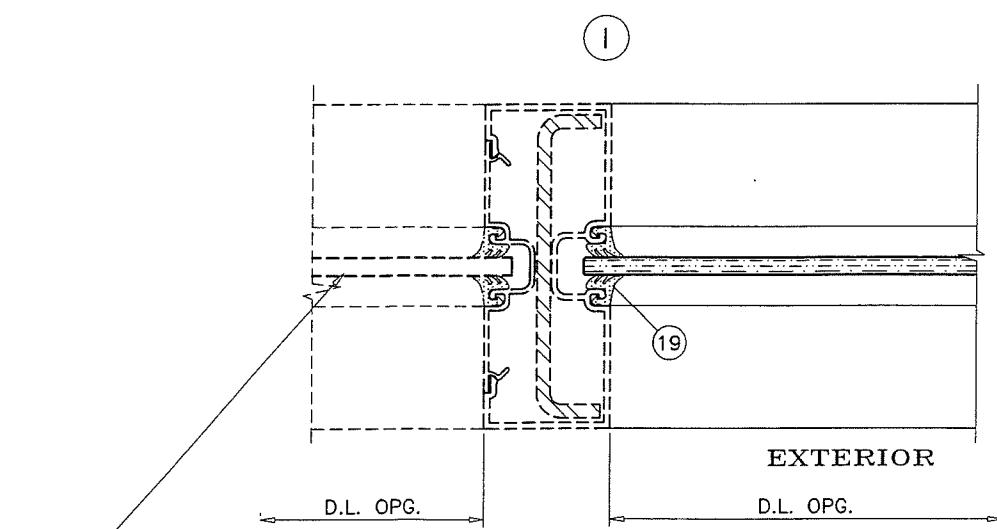
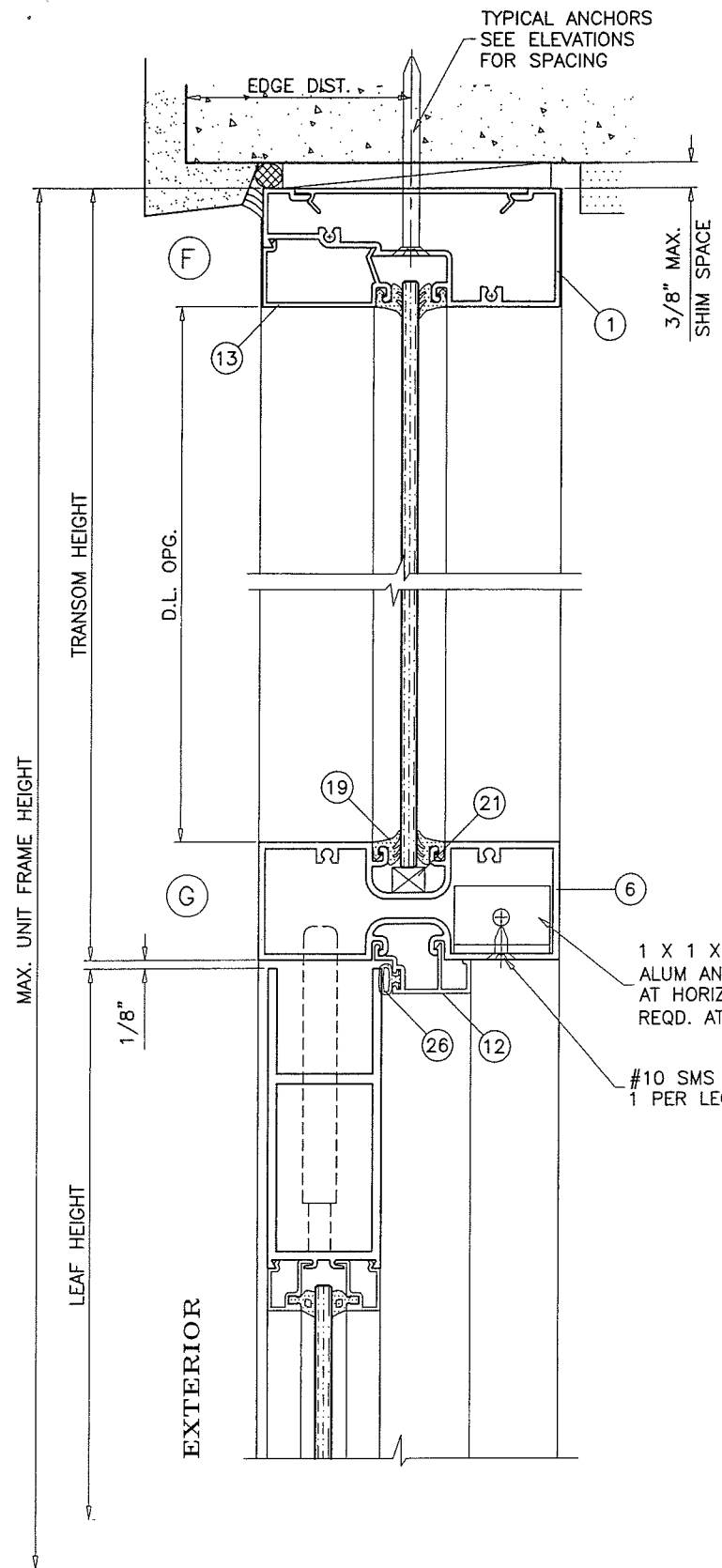
DMS-35 ALUM OUT-SWING ENTRANCE DOOR (N.I.)
US Aluminum
Division Of C.R. Laurence Co., Inc.
7500 N.W. 69TH AVE.
MIAMI, FL 33166
TEL. (305) 888-0077 FAX. (305) 884-3111

revisions:		no	date	by	description
		A	09.06.11		REV. PER BNC COMMENTS
		B	08.19.15		UPDATED TO 2014 FBC
		C	05.03.16		REV. PER RER COMMENTS
		D	11.20.17		NO CHANGE THIS SHEET
		E	05.14.18		NO CHANGE THIS SHEET

date:	02-24-11
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	

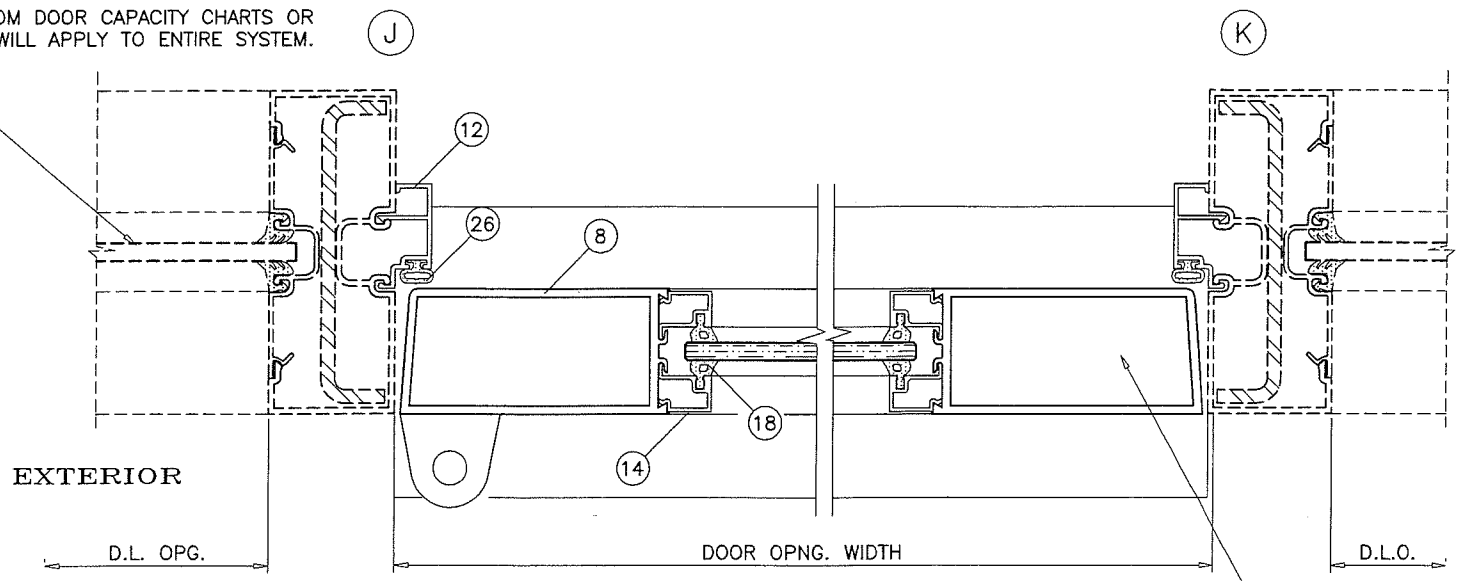
drawing no.	W11-07
sheet	4 of 8

COMP-ANL\W11-07DD

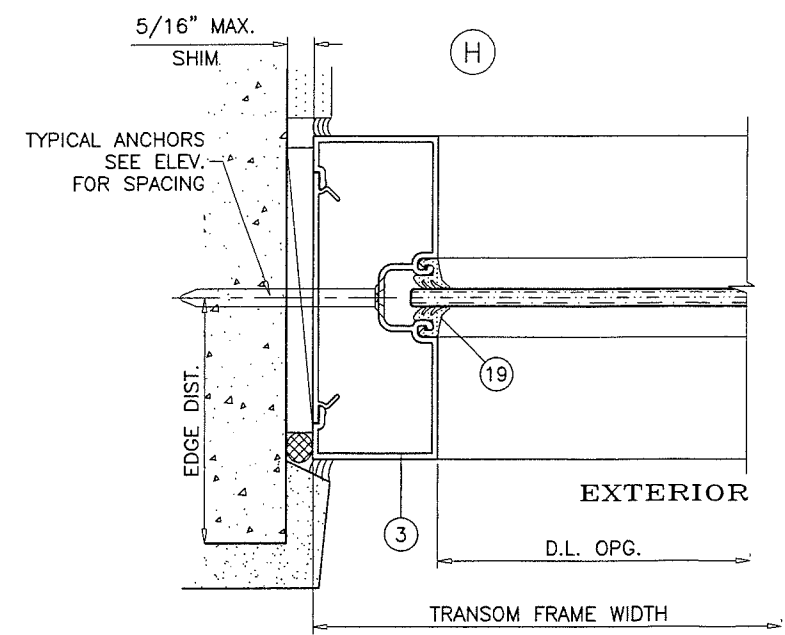


MIAMI-DADE COUNTY APPROVED
DSF-450 STOREFRONT SYSTEM BY 'US ALUMINUM'
UNDER SEPARATE APPROVAL.

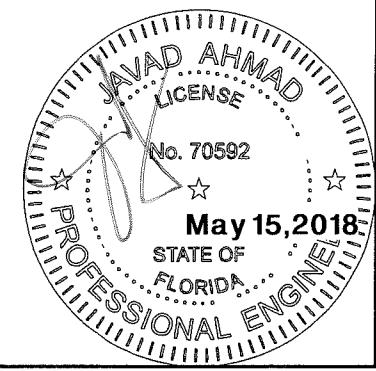
LOWER VALUES FROM DOOR CAPACITY CHARTS OR
STOREFRONT NOA WILL APPLY TO ENTIRE SYSTEM.



LOCK OPTIONS
SEE SHEET 7



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0116.10
Expiration Date 10/13/23
by: Javad Ahmad
Manufacturer Product Control



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)

COMP-ANL\W11-07DD

DMS-35 ALUM OUT-SWING ENTRANCE DOOR (N.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

REV. PER BNC COMMENTS
A 09.06.11
B 08.19.15
C 05.03.16
D 11.20.17
E 05.14.18

revisions: no. date by description

A 09.06.11 REV. PER BNC COMMENTS

B 08.19.15 UPDATED TO 2014 FBC

C 05.03.16 REV. PER RER COMMENTS

D 11.20.17 NO CHANGE THIS SHEET

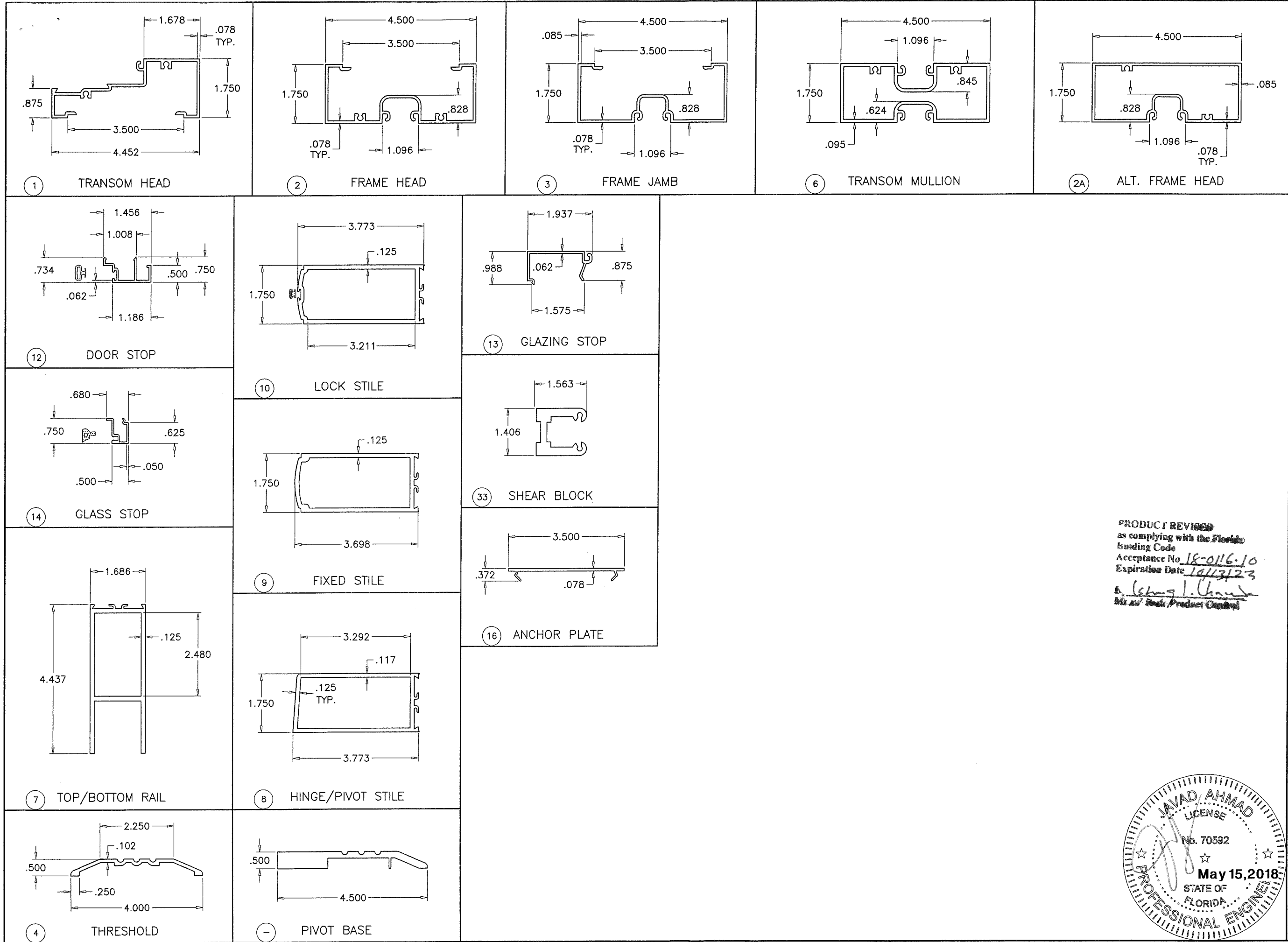
E 05.14.18 NO CHANGE THIS SHEET

date: 02-24-11
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

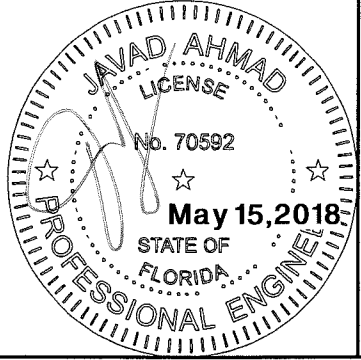
drawing no.
W11-07

sheet 5 of 8

date: 02-24-11
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:



PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 18-0116-10
Expiration Date 12/13/23
S. (Signature)
Mr. Al' Badi Product Control



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

a f c

COMP-ANL W11-07DD

DMS-35 ALUM OUT-SWING ENTRANCE DOOR (N.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	description	by
A	09.06.11	REV. PER BNC COMMENTS	
B	08.19.15	UPDATED TO 2014 FBC	
C	05.03.16	NO CHANGE THIS SHEET	
D	11.20.17	NO CHANGE THIS SHEET	
E	05.14.18	NO CHANGE THIS SHEET	

date: 02-24-11
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W11-07
sheet 6 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.

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 OFFSET PIVOT HINGE SERIES 4309
BY 'REGENT'
(2) AT TOP AND BOTTOM
(1) AT MIDSPAN OF LEAF AS REQD.

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 OPERATED 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.

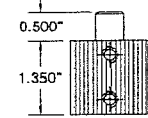
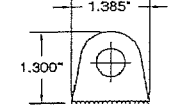
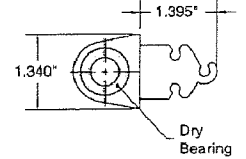
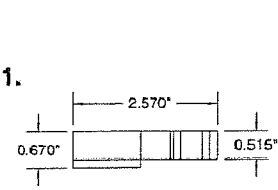
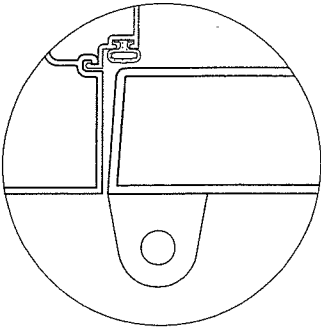
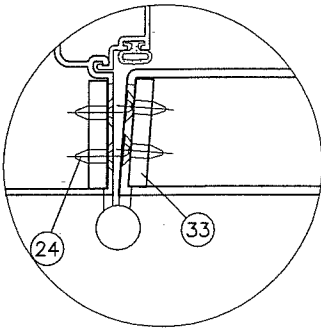
INACTIVE LEAF

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

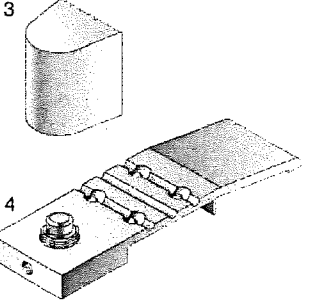
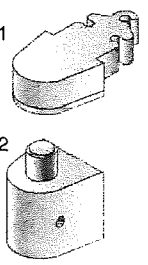
ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	BCE-5457	1	TRANSOM HEAD	6063-T6	-
2	BCE-5451	1	FRAME HEAD	6063-T6	-
2A	BCE-5433	1	ALT. FRAME HEAD	6063-T6	-
3	BCE-5450	2	OPEN BACK JAMB	6063-T6	-
4	BCE-3340	1	THRESHOLD	6063-T6	-
6	BCE-452	AS REQD.	TRANSOM MULLION	6063-T6	-
7	DLD-33	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

SEALANTS:

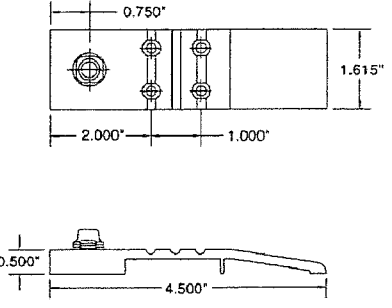
FRAME CORNERS, ASSEMBLY SCREWS AND HEADS OF
ANCHOR SCREWS AT SILL TO BE SEALED WITH SEALER.
LEAF JOINTS SEALED WITH SILICONE.



Top Pivot Portion



Bottom Pivot Portion



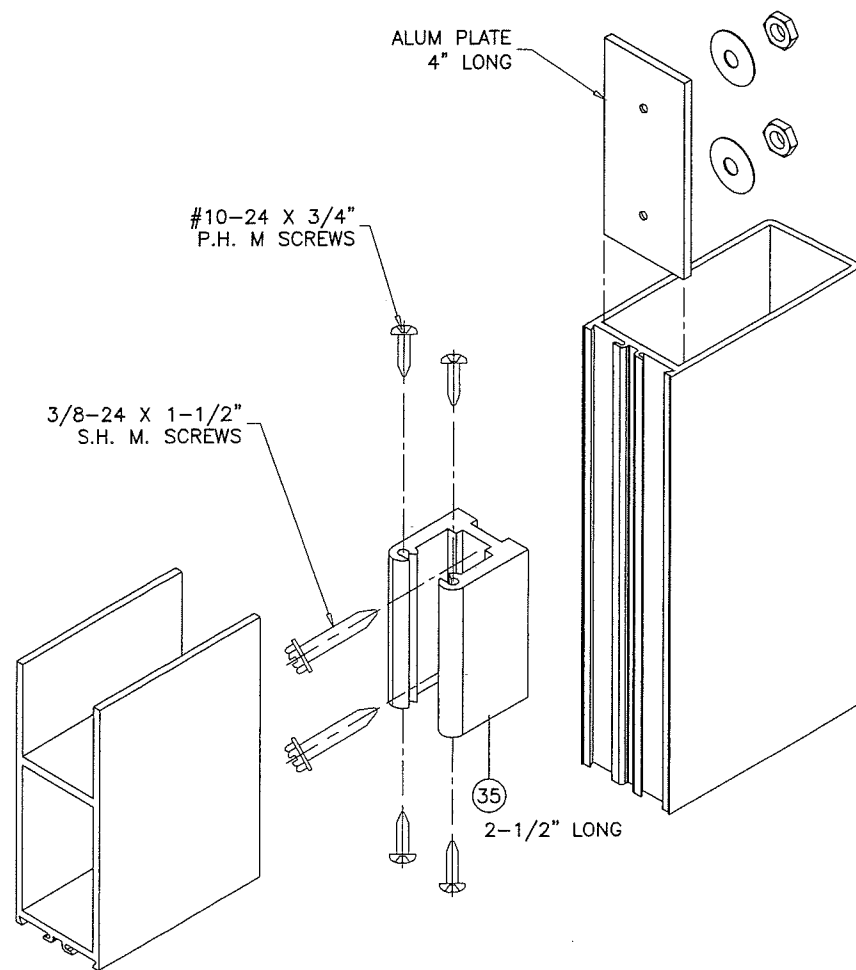
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0116-10
Expiration Date 10/13/23
J. Shady Product Control



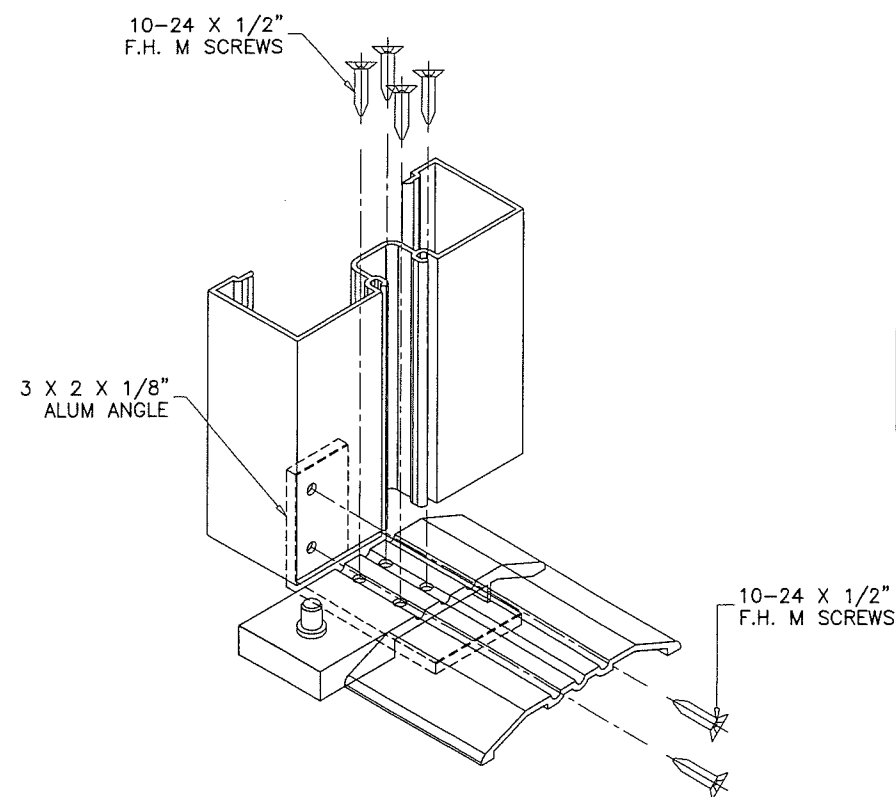
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 262-6978 FAX. (305) 262-6978
COMP-ANL W11-07DD

DMS-35 ALUM OUT-SWING ENTRANCE DOOR (N.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

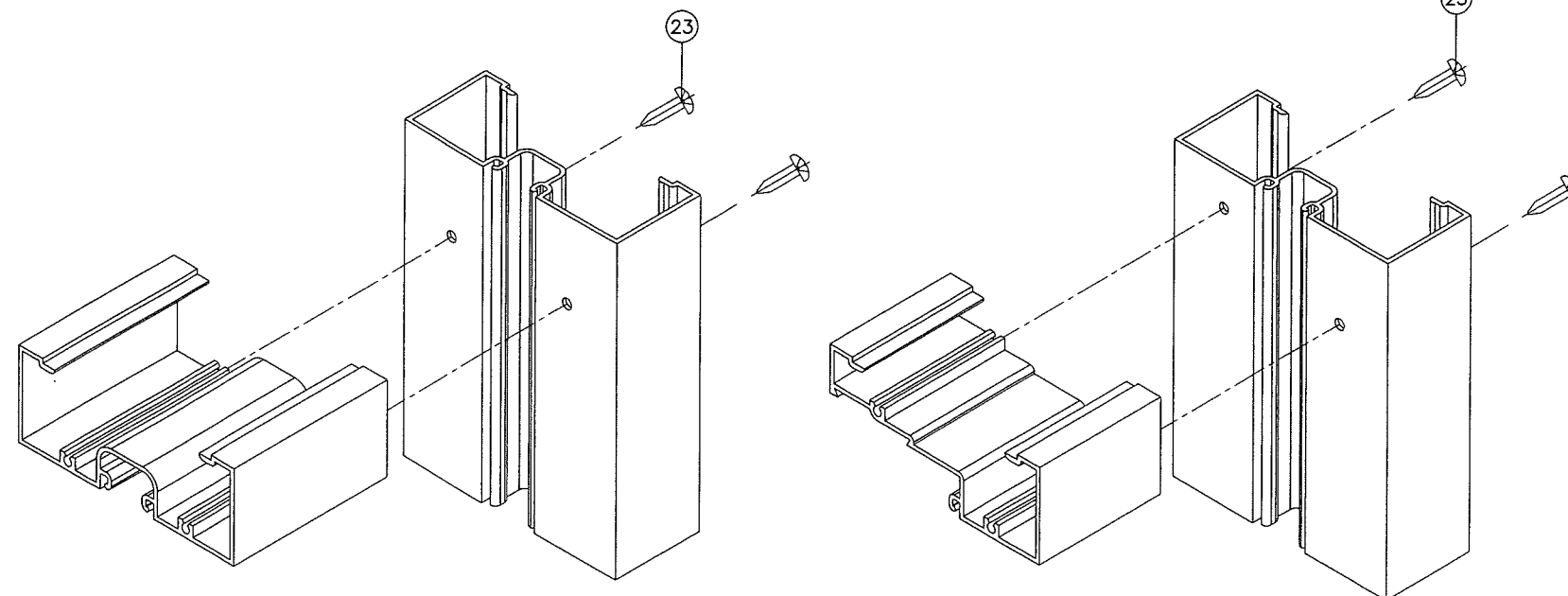
revisions:		by description	
no	date	no	date
A	09.06.11	REV. PER BNC COMMENTS	
B	08.19.15	UPDATED TO 2014 FBC	
C	05.03.16	REV. PER PER COMMENTS	
D	11.20.17	NO CHANGE THIS SHEET	
E	05.14.18	NO CHANGE THIS SHEET	
date: 02-24-11		scale: 3/8" = 1"	
dr. by: TARIQ		chk. by:	
drawing no.		W11-07	
sheet 7 of 8			



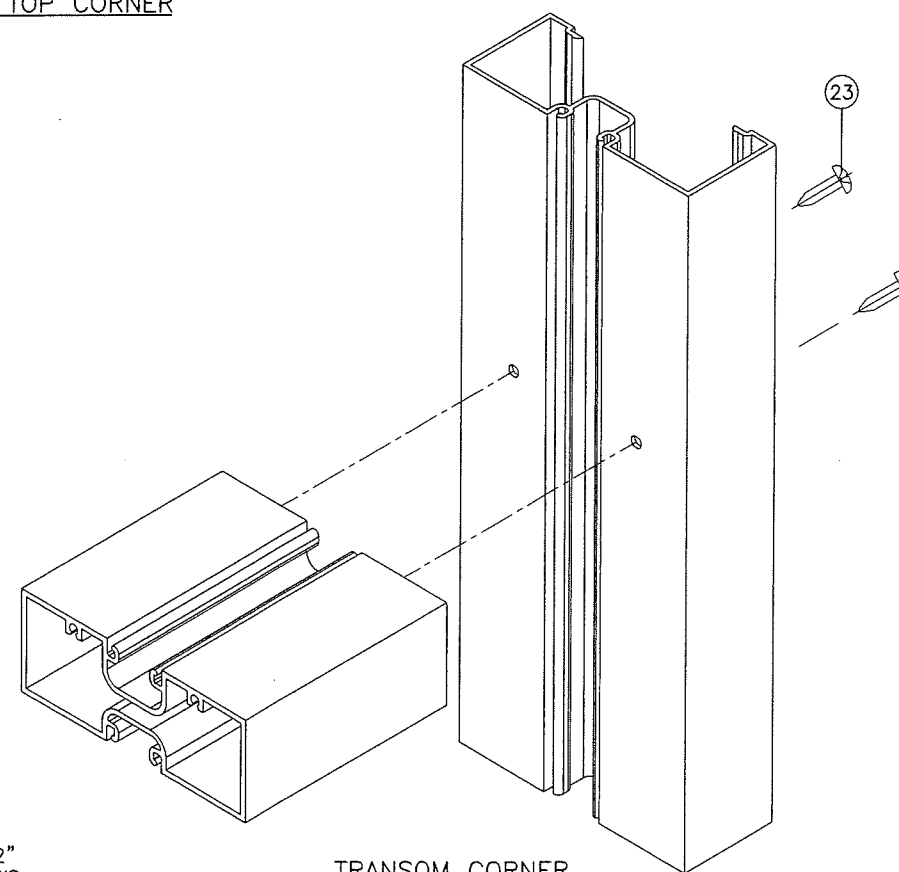
DOOR TOP/BOTTOM CORNER



FRAME LOWER CORNER

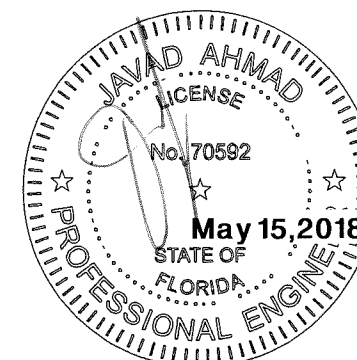


FRAME TOP CORNER



TRANSOM CORNER

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0116-10
Expiration Date 10/13/22
J. Ahmad / L. Ahmad
Miami Door 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)

DMS-35 ALUM OUT-SWING ENTRANCE DOOR (N.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
	A	09.06.11	REV.	PER BNC COMMENTS
	B	08.19.15	UPDATED	TO 2014 FBC
	C	05.03.16	NO CHANGE	THIS SHEET
	D	11.20.17	NO CHANGE	THIS SHEET
	E	05.14.18	NO CHANGE	THIS SHEET

date: 02-24-11
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W11-07

sheet 8 of 8

COMP-ANL\W11-07DD