MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Aldora Aluminum & Glass Products, Inc.
11500 Miramar Parkway, Suite 300
Miramar, FL 33025

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 "K2LM" 10'0" Outswing Glazed Aluminum Entrance Door - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W04-91**, titled "Series K2LM Alum. Out-Swing Entrance Door", sheets 1 through 11 of 11, dated 10/25/04, with revision F dated 08/12/13, 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 **revises NOA# 11-1208.01** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**

MIAMI-DADE COUNTY APPROVED

12/16/13

Aldora Aluminum & Glass Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W04-91**, titled "Series K2LM Alum. Out-Swing Entrance Door", sheets 1 through 11 of 11, dated 10/25/04, with revision F dated 08/12/13, 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) 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 (b) and TAS 202-94

   along with marked-up drawings and installation diagram of a aluminum outswing door, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-4267, FTL-4238, FTL-4257** and **FTL-4276**, dated 06/18/04, 06/30/04, 08/12/04 and 08/13/04 respectively, all signed and sealed by Edmundo Largaespada, P.E.
   (Submitted under NOA #05-0301.04)

C. CALCULATIONS:

1. Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC-2010, prepared by Al-Farooq Corporation, dated 02/02/11 and updated on 10/24/11, signed and sealed by Javad Ahmad, P.E.
   (Submitted under NOA#11-1208.01)
2. Glazing complies with **ASTM E1300-04**.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **12–1231.10** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.
2. Notice of Acceptance No. **12–1231.09** issued to **Eastman Chemical Company (MA)** for their "**Saflex HP Clear or Color Glass Interlayers**" dated 03/28/13, expiring on 04/14/18.
3. Notice of Acceptance No. **10-0331.02** issued to **Cytec Industries, Inc.** for their "**Uvekol S Laminated Glass Interlayer**", dated 05/05/10, expiring on 02/08/14.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-1021.03
Expiration Date: May 12, 2016
Approval Date: December 26, 2013

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

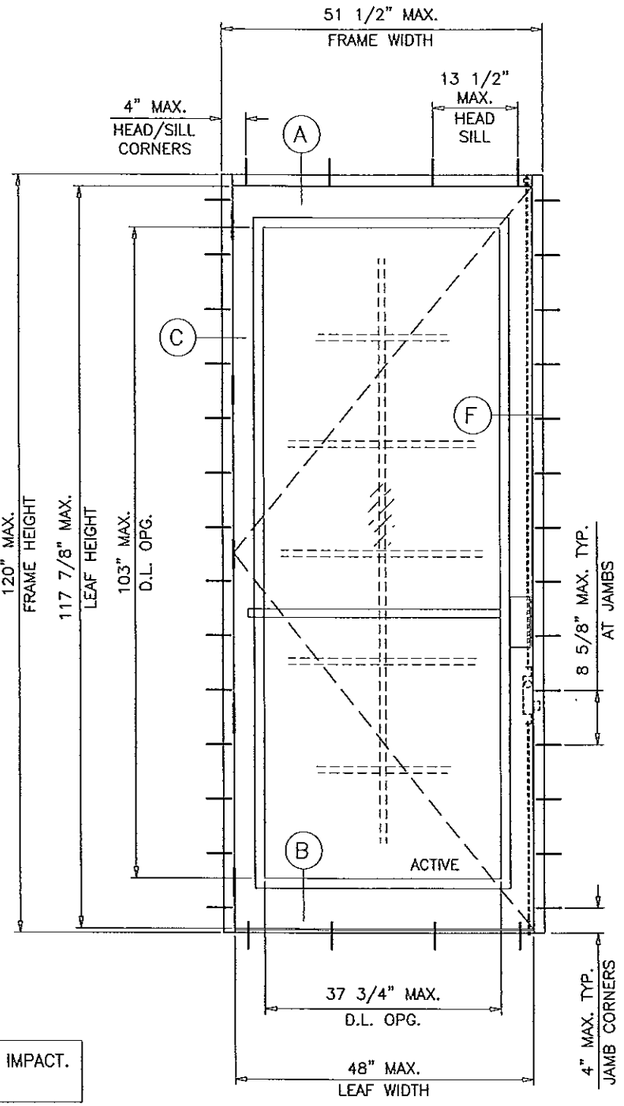
1. Statement letter of conformance, complying with **FBC-2010**, and of no financial interest, dated 10/10/13, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letter for Test Reports No. **FTL-4267**, **FTL-4238**, **FTL-4257**, **FTL-4276**, issued by Fenestration Testing Laboratory, Inc., dated 16/18/04, 06/30/04, 08/12/04 and 08/13/04 respectively, all signed and sealed by Edmundo Largaespada, P.E.
   (Submitted under NOA No. 05-0301.04)
3. Statement letter dated 08/21/13, issued by Aldora Aluminum & Glass Products, Inc. of legally purchase of asset and rights of NOA # **12-0731.06** from SMI Aluminum System, LLC and requesting that said NOA be issued under their name, signed by Manny Valladares, for and on behalf of Aldora Aluminum & Glass Products, Inc.
4. Letter from owners of existing NOA stating that they have sold all assets to the applicant, that they no longer manufacture the product and relinquish their rights to the current NOA # **12-0731.06**, dated 08/21/13, signed by Mr. Manny Valladares, for and on behalf of SMI Aluminum Systems, LLC.
5. Assignment & Assumption agreement dated July 26, 2013 between Aldora Holdings LLC, SMI Aluminum Systems, LLC, Architectural Glass Products, LLC (each an "Assignor" and collectively, the "Assignors") and Aldora Holdco, Inc. (the "Assignee") signed by Leon Silverstein, Aldora Holdings LLC manager; Leon Silverstein, SMI Aluminum Systems, LLC, manager; Leon Silverstein, Architectural Glass Products, LLC manager and Scott Hauncher, VP Aldora Holdco, Inc.
6. Bill of Sale dated July 26, 2013, delivered by Aldora Holdco, Inc. transferring assets to Aldora Aluminum & Glass Products, Inc., signed by Mr. Scott Hauncher, Vice President, Aldora Holdco, Inc.

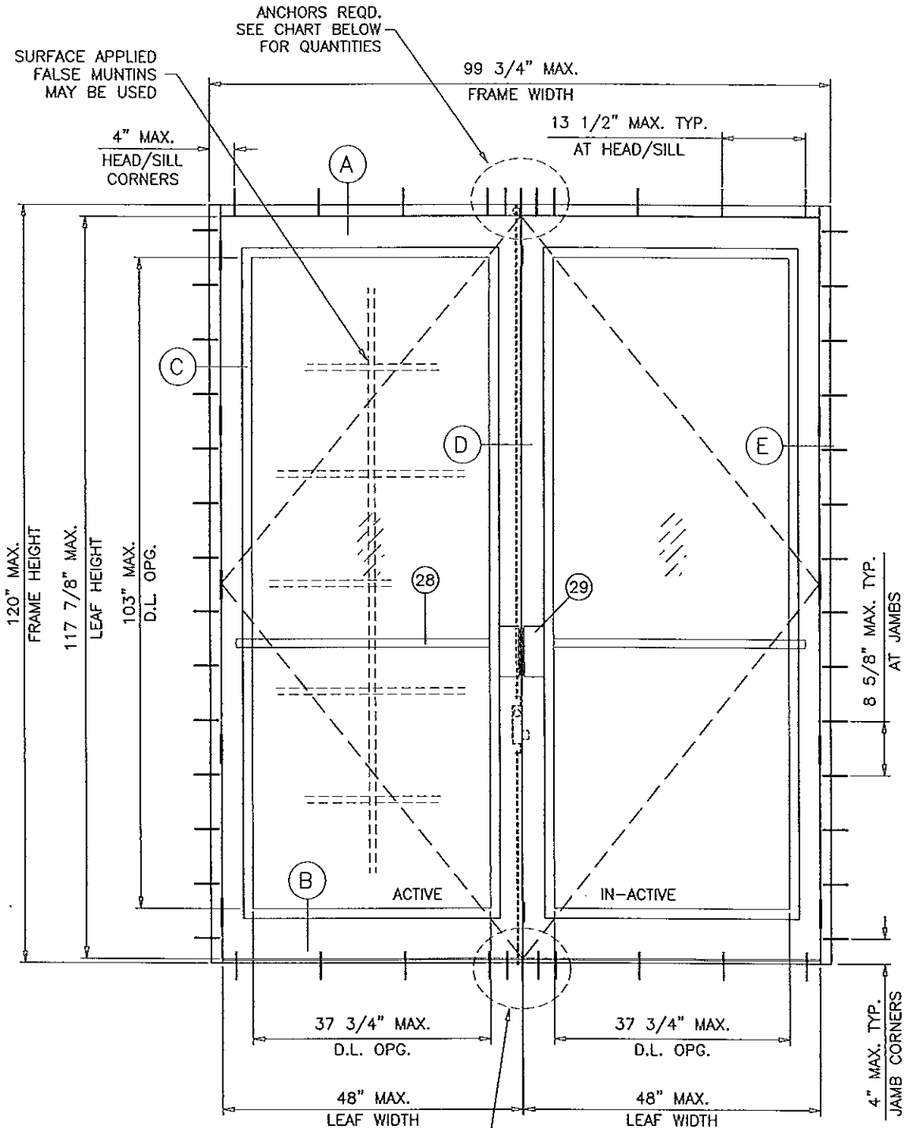
G. OTHERS

1. Notice of Acceptance No. **11-1208.01**, issued to SMI Aluminum Systems, LLC for their Series "K2LM" 10'0" Outswing Glazed Aluminum Entrance Door - L.M.I., approved on 02/23/12 and expiring on 05/12/16.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-1021.03
Expiration Date: May 12, 2016
Approval Date: December 26, 2013





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

SERIES K2LM ALUMINUM OUT-SWING DOOR

USE BUMPER THRESHOLD (#5A+5B) WHEN WATER INFILTRATION REQUIREMENTS ARE NOT APPLICABLE.

USE HIGH-RISE THRESHOLD COVER (#5A+5C) WHEN WATER INFILTRATION REQUIREMENTS MUST BE MET.

SEE CHARTS ON SHEET 2 FOR DESIGN LOAD CAPACITY OF SINGLE (X) AND DOUBLE (XX) LEAF DOORS W/O TRANSOMS.

SEE CHARTS ON SHEET 3 FOR DESIGN LOAD CAPACITY OF SINGLE (O/X) OR DOUBLE (O/XX) LEAF DOORS WITH TRANSOMS.

SEE CHARTS ON SHEETS 5 & 6 FOR DESIGN LOAD CAPACITY OF DOOR MULLION.

USE LOWER VALUES OF DOOR MULLION CHARTS (SHEETS 5 & 6) OR DOOR CAPACITY CHARTS (SHEETS 2 & 3).

TYPICAL ELEVATIONS

TOTAL NO. OF ANCHORS AT MTG. STILE ENDS	
SUBSTRATE	FOR FRAME HT. UPTO 120 IN.
WOOD	9
CONCRETE	3
METAL	3

NOTES:

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

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

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

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

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

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

OCT 11 2013

LAMINATED GLASS
LARGE MISSILE IMPACT

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 13-1021.03
Expiration Date May 12, 2016
By Manuel Perez
Miami Dade Product Control

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

COMP-ANL\W04-91SM

SERIES K2LM ALUM OUT-SWING ENTRANCE DOOR

Aldora Aluminum And Glass Products Inc.
11305 N.W. 128 STREET
MEDLEY, FL. 33178
TEL. (305) 888-6288 FAX. (305) 888-6289

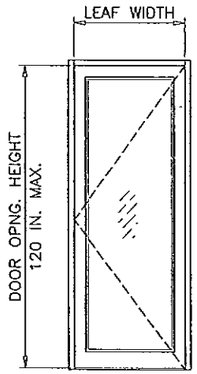
revisions:

no	date	by	description
A	03.30.05		REV. PER BCCO COMMENTS
B	05.05.10		UPDATED TO 2007 FBC
C	02.02.11		NO CHANGE THIS SHEET
D	10.21.11		UPDATED TO 2010 FBC
F	08.12.13		MANUF. NAME REV.

date: 10-25-04
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W04-91

sheet 1 of 11



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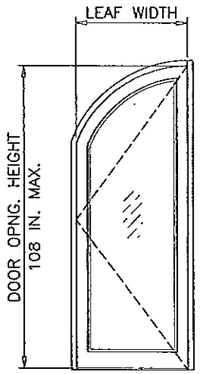

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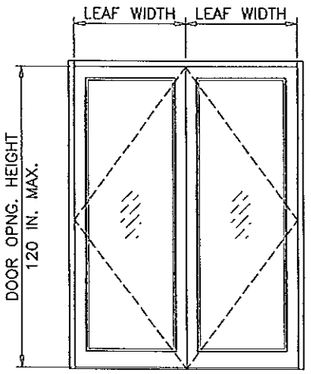

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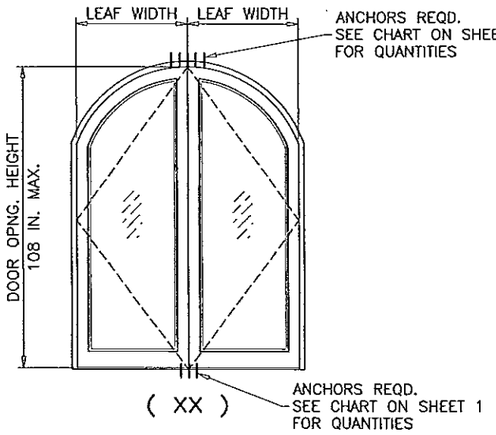
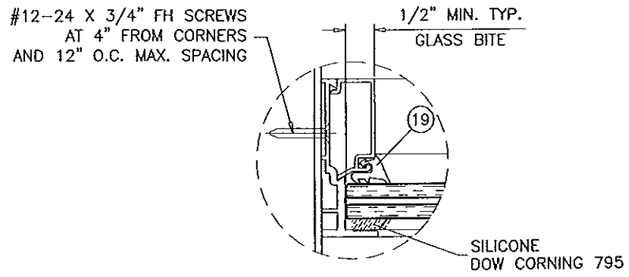


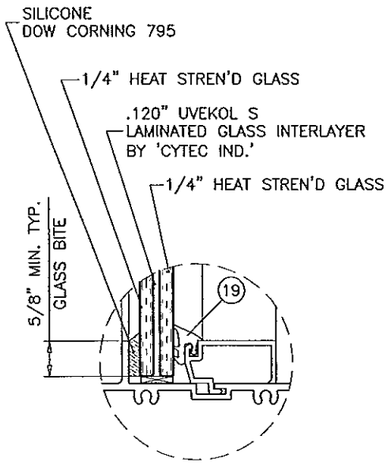
(XX)

SINGLE OR DOUBLE ENTRANCE DOORS W/O TRANSOM			
NOMINAL DIMS.		DESIGN LOAD CAPACITY-PSF	
OPNG. HEIGHT INCHES	LEAF WIDTH INCHES	EXT.(+)	INT.(–)
80	30	100.0	120.0
	36	100.0	120.0
	42	100.0	120.0
	48	100.0	120.0
84	30	100.0	120.0
	36	100.0	120.0
	42	100.0	120.0
	48	100.0	120.0
96	30	100.0	120.0
	36	100.0	120.0
	42	100.0	120.0
	48	100.0	120.0
108	30	100.0	120.0
	36	100.0	120.0
	42	100.0	120.0
	48	100.0	120.0
120	30	100.0	100.0
	36	100.0	100.0
	42	100.0	100.0
	48	100.0	100.0

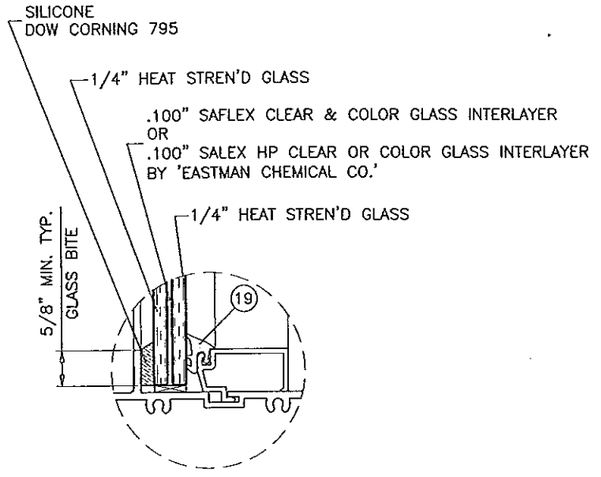


TRANSOM JAMB

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04/09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

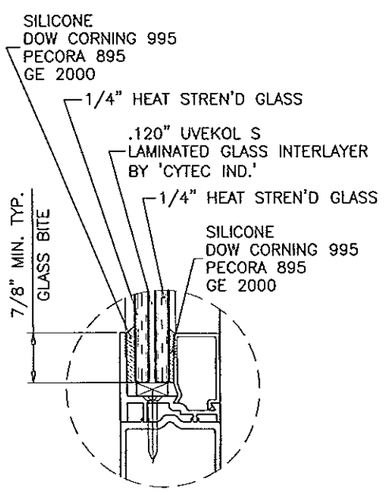


GLASS TYPE 'A'

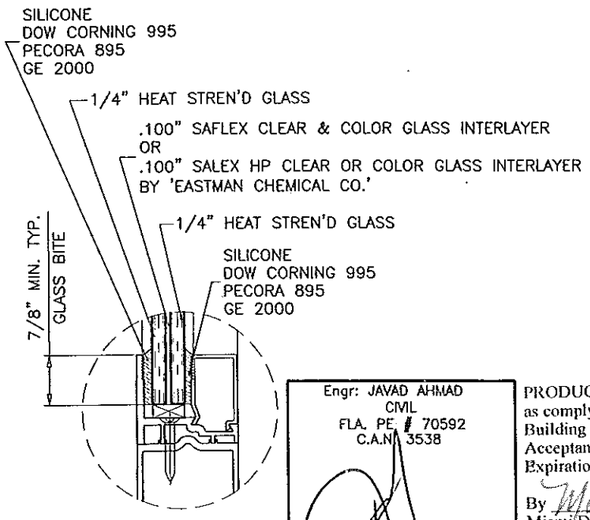


GLASS TYPE 'B'

GLAZING DETAILS TRANSOM



GLASS TYPE 'A'



GLASS TYPE 'B'

GLAZING DETAILS DOOR LEAF

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

OCT 11 2013

PRODUCT REVISED
as complying with the Florida
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Acceptance No 13-1021.03
Expiration Date May 12, 2016
By Manuel Perez
Miami-Dade Product Control

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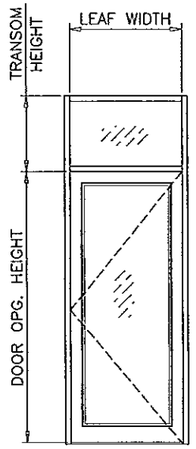
date: 10-25-04
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W04-91

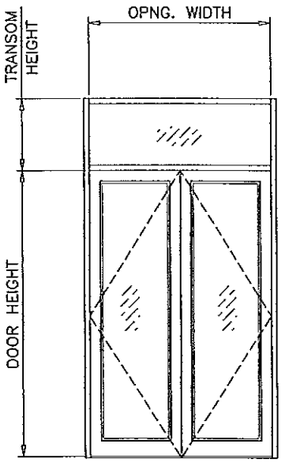
SINGLE ENTRANCE DOORS WITH TRANSOM				
DESIGN LOAD CAPACITY				
NOMINAL DIMS.			WITHOUT REINF.	
OPNG. WIDTH INCHES	DOOR HEIGHT INCHES	TRANSOM HEIGHT INCHES	EXT. (+)	INT. (−)
48 MAX.	108 MAX.	60	100.0	120.0



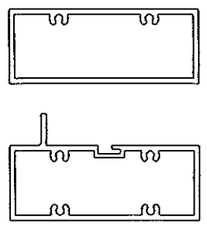
(O/X)

DOUBLE ENTRANCE DOORS WITH TRANSOM						
DESIGN LOAD CAPACITY						
NOMINAL DIMS.			WITHOUT REINF.		WITH REINF.	
OPNG. WIDTH INCHES	DOOR HEIGHT INCHES	TRANSOM HEIGHT INCHES	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)
60	80	24	100.0	120.0	100.0	120.0
		30	100.0	120.0	100.0	120.0
		36	100.0	120.0	100.0	120.0
		42	100.0	120.0	100.0	120.0
		48	100.0	120.0	100.0	120.0
		54	100.0	113.7	100.0	120.0
		60	100.0	108.0	100.0	120.0
72		24	100.0	104.3	100.0	120.0
		30	97.6	97.6	100.0	120.0
		36	91.5	91.5	100.0	120.0
		42	86.0	86.0	100.0	120.0
		48	81.0	81.0	100.0	120.0
		54	76.5	76.5	100.0	120.0
84		24	75.4	75.4	100.0	120.0
		30	70.2	70.2	100.0	120.0
		36	65.6	65.6	100.0	120.0
		42	61.4	61.4	100.0	120.0
		48	57.6	57.6	100.0	120.0
96"		24	56.7	56.7	100.0	120.0
		30	52.5	52.5	100.0	120.0
		36	48.8	48.8	100.0	120.0
		42	45.4	45.4	100.0	120.0
60	84	24	100.0	120.0	100.0	120.0
		30	100.0	120.0	100.0	120.0
		36	100.0	120.0	100.0	120.0
		42	100.0	120.0	100.0	120.0
		48	100.0	116.3	100.0	120.0
		54	100.0	110.4	100.0	120.0
		60	100.0	105.0	100.0	120.0
72		24	100.0	100.5	100.0	120.0
		30	94.1	94.1	100.0	120.0
		36	88.4	88.4	100.0	120.0
		42	83.3	83.3	100.0	120.0
		48	78.6	78.6	100.0	120.0
		54	74.3	74.3	100.0	120.0
84		24	72.6	72.6	100.0	120.0
		30	67.8	67.8	100.0	120.0
		36	63.4	63.4	100.0	120.0
		42	59.4	59.4	100.0	120.0
		48	55.8	55.8	100.0	120.0
96"		24	54.6	54.6	100.0	120.0
		30	50.7	50.7	100.0	120.0
		36	47.1	47.1	100.0	120.0
		42	43.9	43.9	100.0	120.0

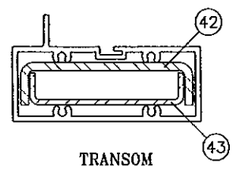
DOUBLE ENTRANCE DOORS WITH TRANSOM						
DESIGN LOAD CAPACITY						
NOMINAL DIMS.			WITHOUT REINF.		WITH REINF.	
OPNG. WIDTH INCHES	DOOR HEIGHT INCHES	TRANSOM HEIGHT INCHES	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)
60	96	24	100.0	120.0	100.0	120.0
		30	100.0	120.0	100.0	120.0
		36	100.0	118.2	100.0	120.0
		42	100.0	112.1	100.0	120.0
		48	100.0	106.6	100.0	120.0
72		24	90.4	90.4	100.0	120.0
		30	85.2	85.2	100.0	120.0
		36	80.4	80.4	100.0	120.0
		42	76.0	76.0	100.0	120.0
		48	72.0	72.0	100.0	120.0
84		24	65.4	65.4	100.0	120.0
		30	61.3	61.3	100.0	120.0
		36	57.6	57.6	100.0	120.0
		42	54.2	54.2	100.0	120.0
		48	51.2	51.2	100.0	120.0
96"		24	49.1	49.1	100.0	120.0
		30	45.8	45.8	100.0	120.0
		36	42.8	42.8	100.0	120.0
		42	40.1	40.1	100.0	120.0
60	108	24	100.0	120.0	100.0	120.0
		30	100.0	113.9	100.0	120.0
		36	100.0	108.3	100.0	120.0
72		24	82.2	82.2	100.0	120.0
		30	77.8	77.8	100.0	120.0
		36	73.7	73.7	100.0	120.0
84		24	59.4	59.4	100.0	120.0
		30	56.0	56.0	100.0	120.0
		36	52.8	52.8	100.0	120.0
96"		24	44.7	44.7	100.0	120.0
		30	41.8	41.8	100.0	120.0
		36	39.3	39.3	100.0	120.0



(O/XX)



TRANSOM
WITHOUT REINF.



TRANSOM
WITH REINF.

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

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

OCT 21 2013

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Acceptance No 13-1021.03
Expiration Date May 12, 2016
By Manuel Perez
Miami Dade Product Control

afc
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\W04-91SM

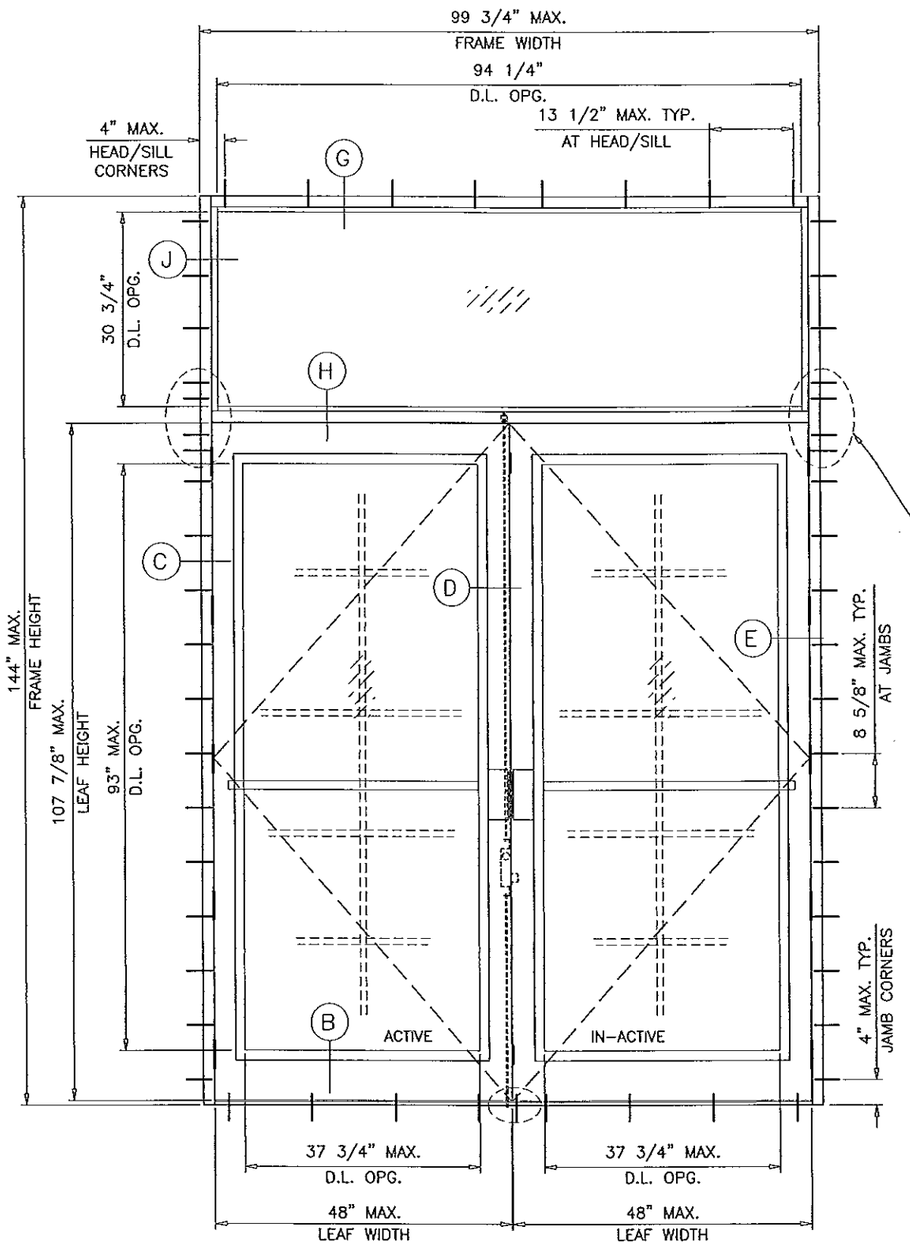
SERIES K2LM ALUM OUT-SWING ENTRANCE DOOR

Aldora Aluminum And Glass Products Inc.
11305 N.W. 128 STREET
MEDLEY, FL. 33178
TEL. (305) 888-6289 FAX. (305) 888-6288

revisions:			
no	date	by	description
A	03.30.05		REV. PER BCCO COMMENTS
B	05.05.10		UPDATED TO 2007 FBC
C	02.02.11		NO CHANGE THIS SHEET
D	10.21.11		NO CHANGE THIS SHEET
F	08.12.13		MANUF. NAME REV.

date: 10-25-04
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W04-91



SUBSTRATE	NO. OF ANCHORS AT TRANSOM ENDS	
	WITHOUT REINF.	WITH REINF.
WOOD	5	8
CONCRETE	3	5
METAL	3	4

(O/XX)

TYPICAL ELEVATION

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3638

OCT 14 2013

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as complying with the Florida
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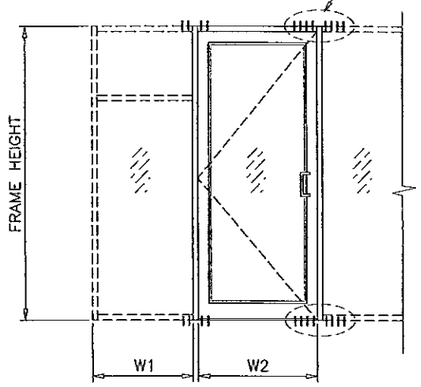
chk. by:

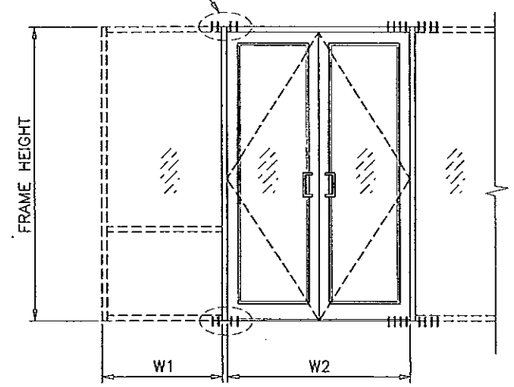
drawing no.
W04-91

DOOR MULLION LOAD CAPACITY		
NOMINAL DIMS.		LOADS-PSF
WIDTH (W)	FRAME HEIGHT	EXT.(+) & INT.(-)
24"	80"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		100.0
54"		100.0
60"		100.0
24"	84"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		100.0
54"		100.0
60"		100.0
24"	90"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		100.0
54"		100.0
24"	96"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		100.0
24"	102"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		100.0
24"	108"	100.0
30"		100.0
36"		100.0
42"		100.0
24"	114"	100.0
30"		100.0
36"		100.0
42"		100.0
24"	120"	100.0
30"		100.0
36"		100.0
42"		99.7

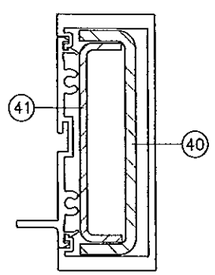
SUBSTRATE	NO. OF ANCHORS AT DOOR MULLION
WOOD	8
CONCRETE	4
METAL	4



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



$$\text{WIDTH (W)} = \frac{W1}{2} + \frac{W2}{4}$$



DOOR MULLION

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

OCT 01 2013

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Expiration Date May 16, 2016
By Miami Dade Product Control

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date: 10-25-04
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W04-91

sheet 5 of 11

DOOR MULLION LOAD CAPACITY

NOMINAL DIMS.				LOADS–PSF
DOOR WIDTH W1	SIDELITE WIDTH W2	DOOR HEIGHT A	FRAME SPAN L	EXT. (+) INT. (–)
60"	30"	80"	108"	100.0
	33"			100.0
	39"			100.0
	42"			100.0
72"	30"			100.0
	33"			100.0
	39"			100.0
	42"			100.0
84"	30"			100.0
	33"			100.0
	39"			97.3
	42"			94.7
96"	30"			96.7
	33"			94.2
	39"			89.4
	42"			87.3
60"	30"	80"	114"	100.0
	33"			100.0
	39"			100.0
	42"			99.5
72"	30"			100.0
	33"			98.4
	39"			92.7
	42"			90.1
84"	30"			91.6
	33"			89.1
	39"			84.4
	42"			82.2
96"	30"			83.5
	33"			81.4
	39"			77.4
60"	30"	80"	120"	99.7
	33"			96.4
	39"			90.4
	42"			87.6
72"	30"			88.8
	33"			86.1
	39"			81.3
	42"			79.1
84"	30"			80.0
	33"			77.9
	39"			73.9
	42"			72.1
96"	30"			72.7
	33"			71.0

DOOR MULLION LOAD CAPACITY

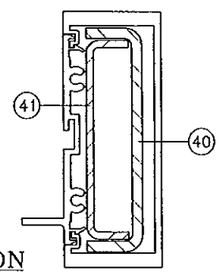
NOMINAL DIMS.				LOADS–PSF
DOOR WIDTH W1	SIDELITE WIDTH W2	DOOR HEIGHT A	FRAME SPAN L	EXT. (+) INT. (–)
60"	30"	84"	108"	100.0
	33"			100.0
	39"			100.0
	42"			100.0
72"	30"			100.0
	33"			100.0
	39"			100.0
	42"			100.0
84"	30"			100.0
	33"			100.0
	39"			100.0
	42"			97.8
96"	30"			100.0
	33"			97.7
	39"			92.6
	42"			90.3
60"	30"	84"	114"	100.0
	33"			100.0
	39"			100.0
	42"			100.0
72"	30"			100.0
	33"			100.0
	39"			95.4
	42"			92.6
84"	30"			94.7
	33"			92.0
	39"			87.0
	42"			84.7
96"	30"			86.5
	33"			84.2
	39"			80.0
60"	30"	84"	120"	100.0
	33"			99.0
	39"			92.6
	42"			89.7
72"	30"			91.4
	33"			88.5
	39"			83.5
	42"			81.2
84"	30"			82.5
	33"			80.3
	39"			76.0
	42"			74.1
96"	30"			75.2
	33"			73.3

DOOR MULLION LOAD CAPACITY

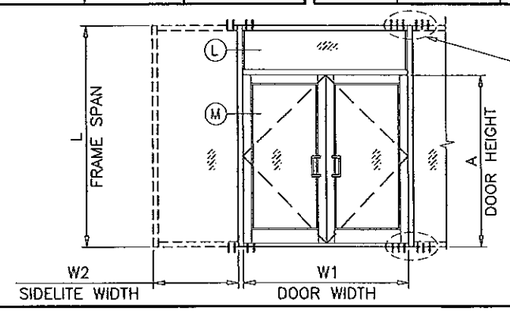
NOMINAL DIMS.				LOADS–PSF
DOOR WIDTH W1	SIDELITE WIDTH W2	DOOR HEIGHT A	FRAME SPAN L	EXT. (+) INT. (–)
60"	30"	96"	108"	100.0
	33"			100.0
	39"			100.0
	42"			100.0
72"	30"			100.0
	33"			100.0
	39"			100.0
	42"			100.0
84"	30"			100.0
	33"			100.0
	39"			100.0
	42"			100.0
96"	30"			100.0
	33"			100.0
	39"			100.0
	42"			100.0
60"	30"	96"	114"	100.0
	33"			100.0
	39"			100.0
	42"			100.0
72"	30"			100.0
	33"			100.0
	39"			100.0
	42"			100.0
84"	30"			100.0
	33"			100.0
	39"			95.6
	42"			92.8
96"	30"			96.5
	33"			93.7
	39"			88.5
60"	30"	96"	120"	100.0
	33"			100.0
	39"			99.8
	42"			96.5
72"	30"			100.0
	33"			96.8
	39"			90.7
	42"			87.9
84"	30"			91.0
	33"			88.2
	39"			83.1
	42"			80.7
96"	30"			83.3
	33"			81.0

DOOR MULLION LOAD CAPACITY

NOMINAL DIMS.				LOADS–PSF
DOOR WIDTH W1	SIDELITE WIDTH W2	DOOR HEIGHT A	FRAME SPAN L	EXT. (+) INT. (–)
60"	30"	108"	114"	100.0
	33"			100.0
	39"			100.0
	42"			100.0
72"	30"			100.0
	33"			100.0
	39"			100.0
	42"			100.0
84"	30"			100.0
	33"			100.0
	39"			100.0
	42"			100.0
96"	30"			100.0
	33"			100.0
	39"			98.3
60"	30"	108"	120"	100.0
	33"			100.0
	39"			100.0
	42"			100.0
72"	30"			100.0
	33"			100.0
	39"			98.8
	42"			95.5
84"	30"			100.0
	33"			97.4
	39"			91.1
	42"			88.3
96"	30"			92.9
	33"			89.9



DOOR MULLION



SUBSTRATE	NO. OF ANCHORS AT DOOR MULLION
WOOD	12
CONCRETE	6
METAL	6

Engr: JAVAD AHMAD
CIVIL
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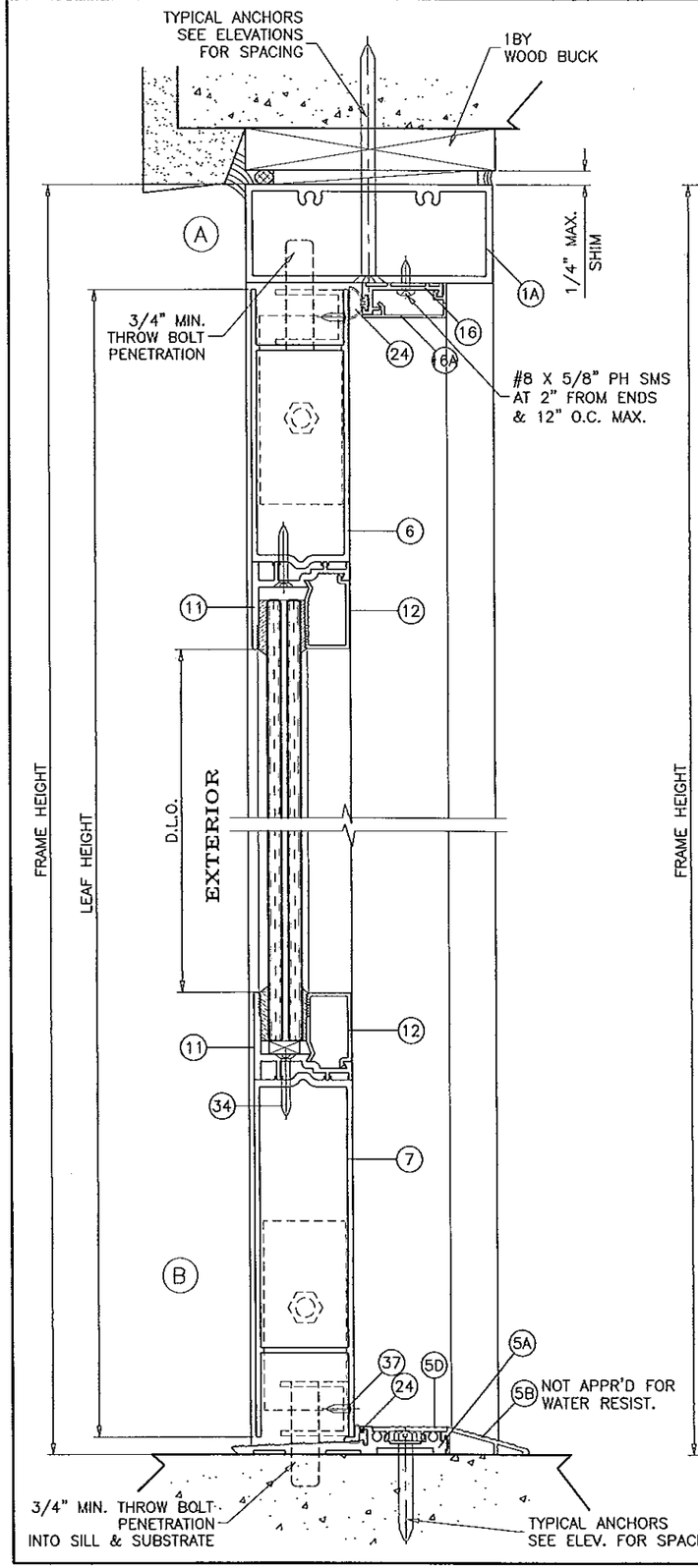

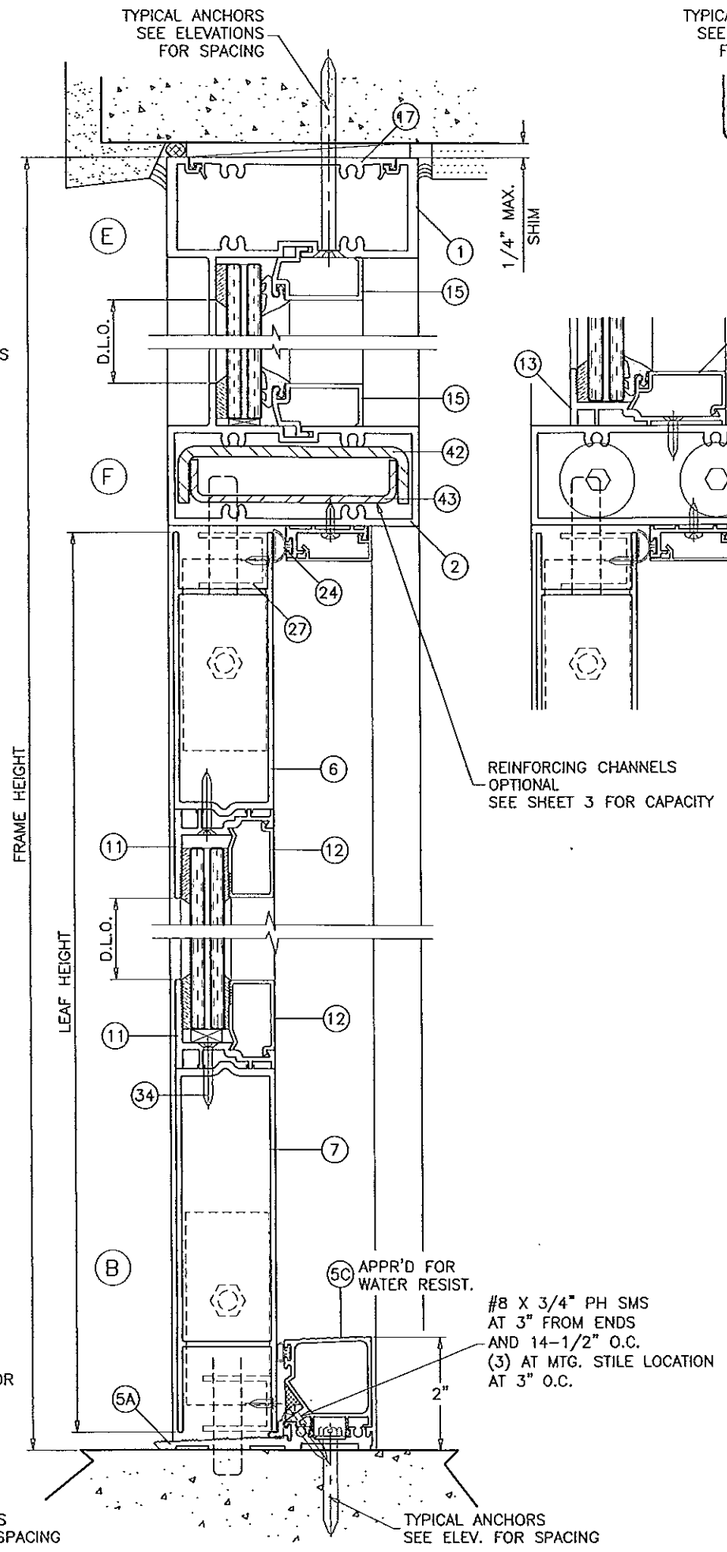

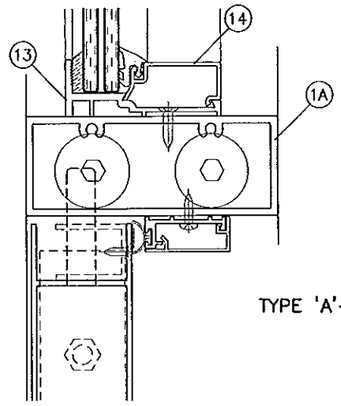

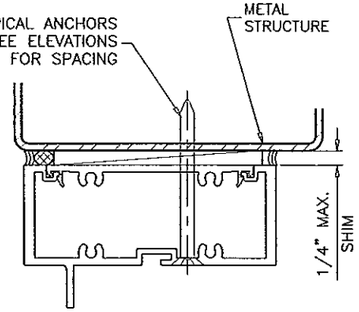

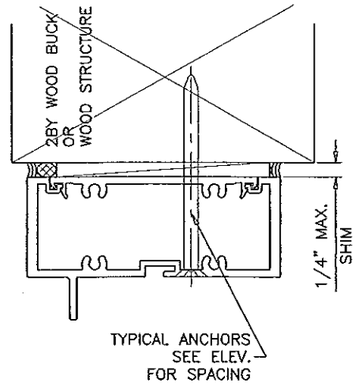

WOOD BUCKS AND METAL STRUCTURE NOT BY 'ALDORA ALUMINUM & GLASS PRODUCTS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A'– 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1–3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1–1/4" MIN. EMBED INTO CONC. OR MASONRY

TYPE 'B'– 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONC. OR MASONRY
1–1/4" MIN. EMBED INTO MASONRY
1–3/4" MIN. EMBED INTO CONCRETE

TYPE 'C'– #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO MIAMI–DADE COUNTY APPROVED MULLIONS (MIN. THK.=1/8")
INTO METAL STRUCTURES
STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063–T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
INTO CONCRETE AND MASONRY = 2–1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

TYPICAL CL TO CL DISTANCE
INTO CONCRETE AND MASONRY = 3" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 1" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C–90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

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dr. by: HAMID
chk. by:

drawing no.
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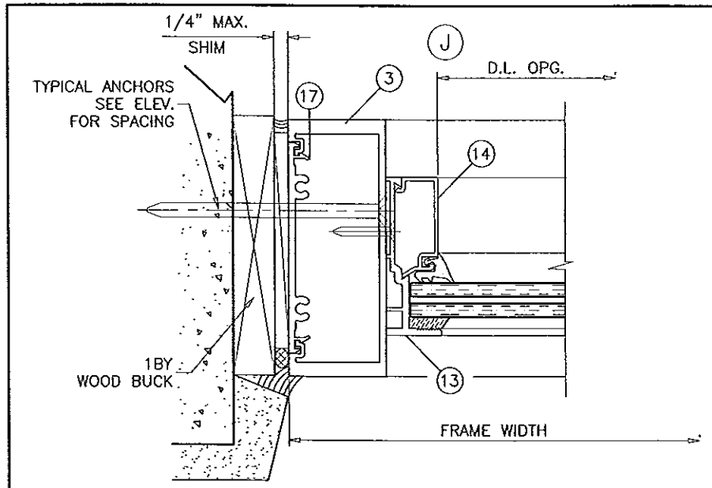
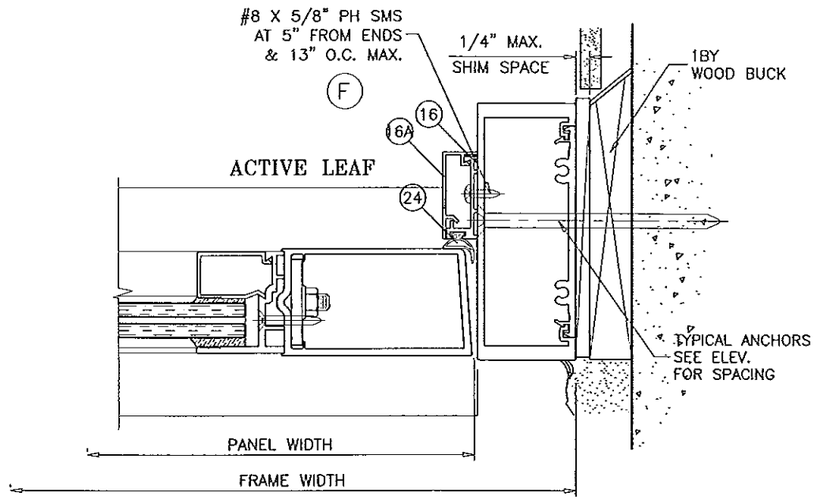
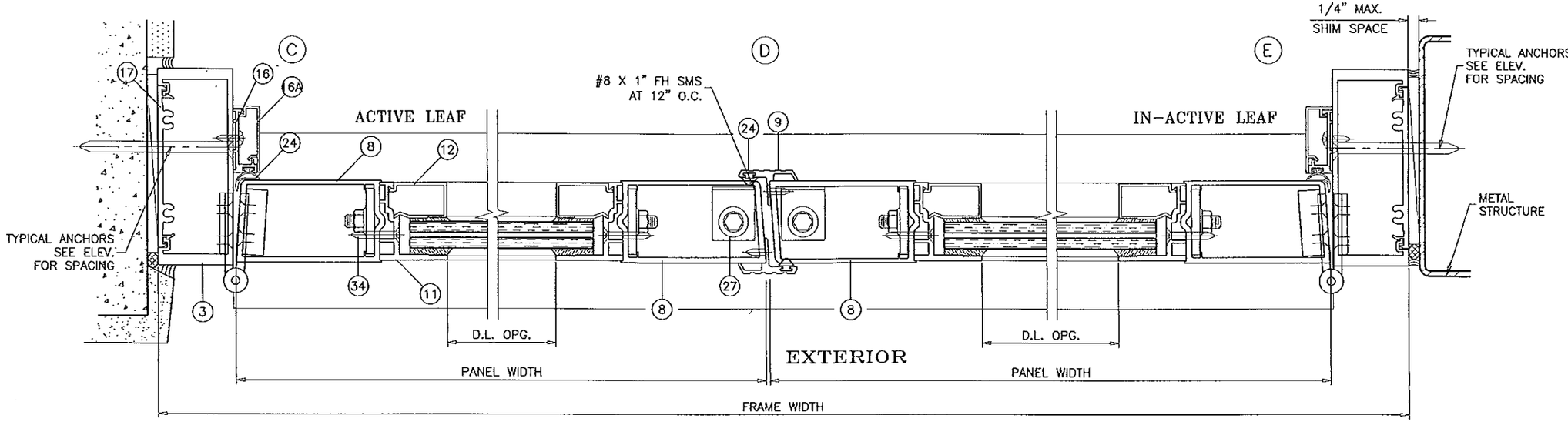
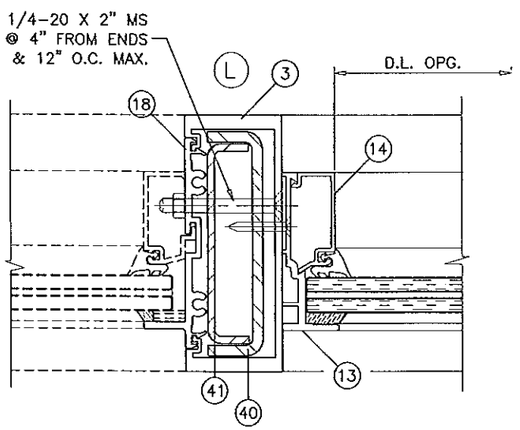
sheet 7 of 11

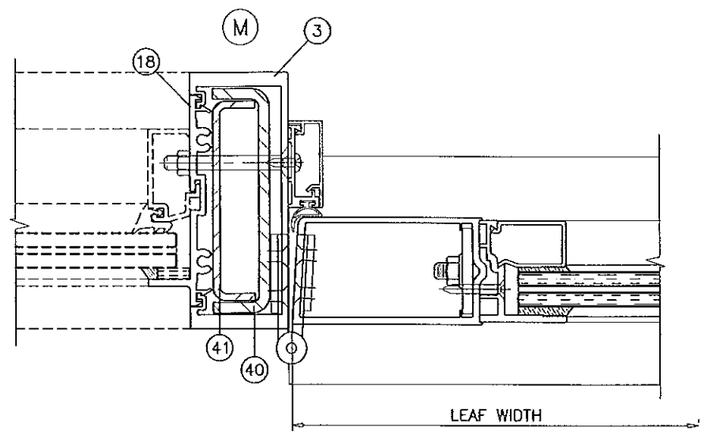








MIAMI-DADE COUNTY APPROVED
LARGE MISSILE IMPACT RESISTANT SMI-175
STOREFRONT SYSTEM. SEE SEPARATE
'ALDORA ALUM & GLASS PRODUCTS'
NOA FOR DOOR MULLION CAPACITY



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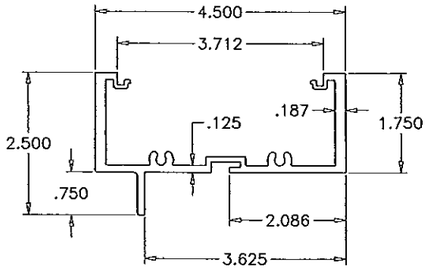
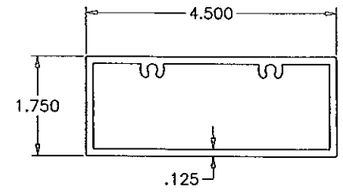
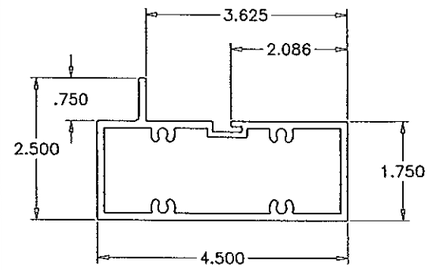


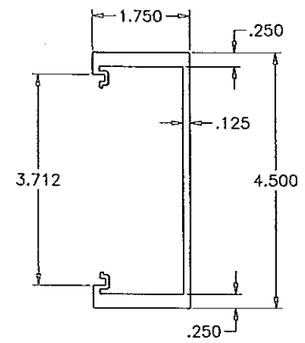
(1) FRAME HEAD



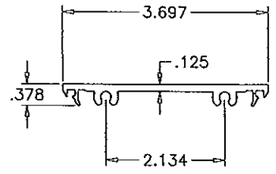
(1A) ALT. FRAME HEAD



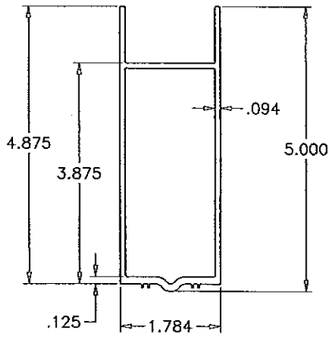
(2) FRAME TRANSOM



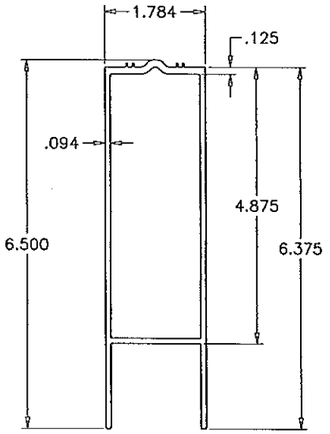
(3) FRAME JAMB



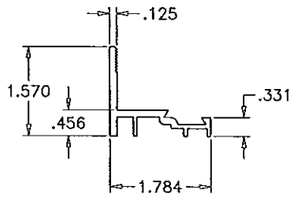
(17) FLAT FILLER



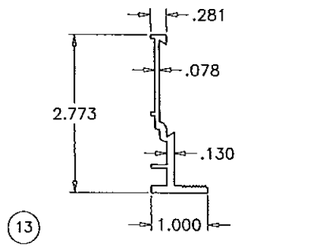
(6) TOP RAIL



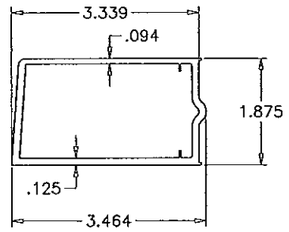
(7) BOTTOM RAIL



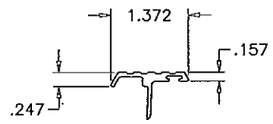
(11) EXTERIOR GLASS STOP (DOOR)



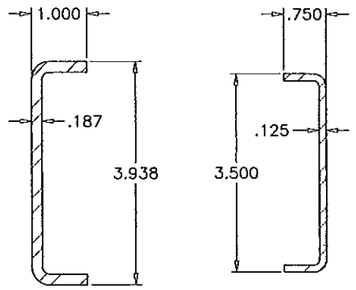
(13) EXTERIOR GLASS STOP (TRANSOM)



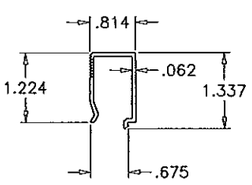
(8) DOOR STILE



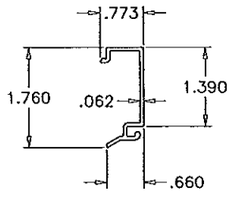
(9) ASTRAGAL STILE



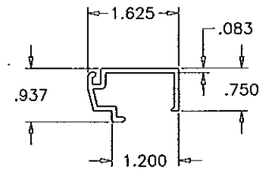
(40) (41) REINFORCING CHANNELS



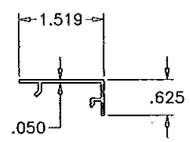
(12) INTERIOR GLASS STOP (DOOR)



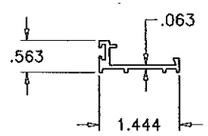
(14) INTERIOR GLASS STOP (TRANSOM)



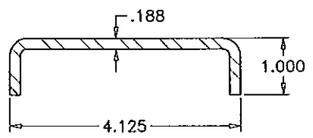
(15) GLASS STOP (TRANSOM HEAD/SILL)

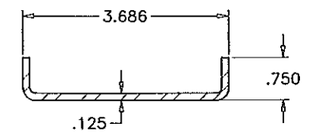


(16A) DOOR STOP COVER

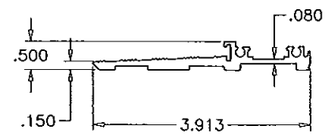


(16) DOOR STOP

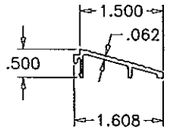




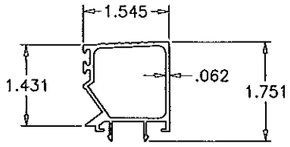
(42) (43) REINFORCING CHANNELS



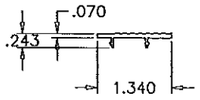
(5A) THRESHOLD BASE



(5B) THRESHOLD RAMP ADAPTER



(5C) HI-RISE THRESHOLD COVER



(5D) ADA THRESHOLD COVER

Engr: JAVAD AHMAD
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FLA. PE # 70592
C.A.N. 3538

OCT 11 2013

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-1021.03
Expiration Date May 12, 2016
By Manuel Cruz
Miami Dade Product Control

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

COMP-ANL\W04-91SM

SERIES K2LM ALUM OUT-SWING ENTRANCE DOOR

Aldora Aluminum And Glass Products' Inc.
11305 N.W. 128 STREET
MEDLEY, FL. 33178
TEL. (305) 888-6289 FAX. (305) 888-6288

revisions:			
no	date	by	description
A	03.30.05		NO CHANGE THIS SHEET
B	05.05.10		UPDATED TO 2007 FBC
C	02.02.11		NO CHANGE THIS SHEET
D	10.21.11		NO CHANGE THIS SHEET
F	08.12.13		THRESHOLD REV.

date: 10-25-04
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W04-91

sheet 9 of 11

LOCK OPTIONS:

OPTION 1:

SINGLE LEAF DOORS:

ALL SINGLE LEAF DOORS TO BE FITTED WITH
3 POINT LOCK

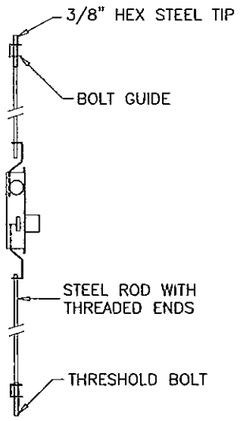
DOUBLE LEAF DOORS:

ACTIVE LEAF:

THREE POINT LOCK SYSTEM WITH 5 PLY HOOK LOCK BOLT REGENT 2222, KEY OPERATED ON EXTERIOR AND THUMB-TURN ON INTERIOR, LOCATED AT 34" FROM BOTTOM OF PANEL

INACTIVE LEAF:

TWO POINT LOCK SYSTEM SULLIVAN CH 103
WITH THUMB TURN ON THE INTERIOR, LOCATED AT
34" FROM BOTTOM OF PANEL



OPTION 2:

SINGLE LEAF DOORS:

ALL SINGLE LEAF DOORS TO BE FITTED WITH
3 POINT LOCK

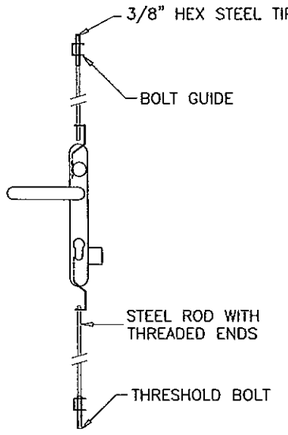
DOUBLE LEAF DOORS:

ACTIVE LEAF:

THREE POINT LOCK SYSTEM WITH 4 PLY HOOK LOCK REGENT NO. 206-3P, KEY OPERATED ON EXTERIOR AND THUMB-TURN ON INTERIOR, LOCATED AT 36" FROM BOTTOM OF PANEL

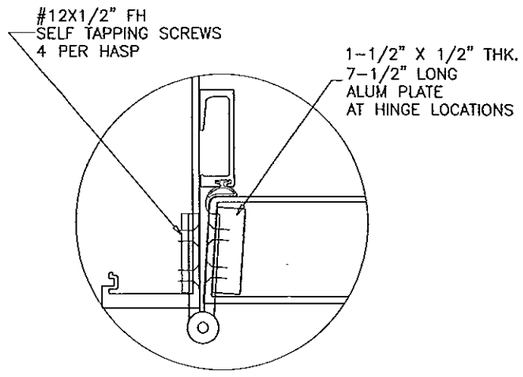
INACTIVE LEAF:

TWO POINT LOCK SYSTEM SULLIVAN CH 103
WITH THUMB TURN ON THE INTERIOR, LOCATED AT
36" FROM BOTTOM OF PANEL



HINGES:

4-1/2 X 4" TWO PIECE STAINLESS STEEL BUTT HINGES
AT 8" FROM TOP AND BOTTOM AND 26" O.C. MAX.



ITEM #	PART #	SMIS EXT. #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	5806	SMI-001	1	FRAME HEAD	6063-T6	-
1A	SMM-006	SMI-006	1	ALT. FRAME HEAD	6063-T6	-
2	5710	SMI-018	AS REQD.	FRAME TRANSOM	6063-T6	-
3	SMM-6007	SMI-005	2	FRAME JAMB	6063-T6	-
5A	-	SMI-036	1	THRESHOLD BASE	6063-T5	-
5B	-	SMI-037	1	THRESHOLD RAMP ADAPTER	6063-T5	-
5C	-	SMI-066	1	HI-RISE THRESHOLD COVER	6063-T5	-
5D	-	SMI-038	1	ADA THRESHOLD COVER	6063-T5	-
6	SMM-5984	SMI-012	1/ LEAF	TOP RAIL	6063-T6	-
7	SMM-5987	SMI-013	1/ LEAF	BOTTOM RAIL	6063-T6	-
8	SMM-5986	SMI-011	2/ LEAF	DOOR STILE	6063-T6	-
9	SMI-030	SMI-030	1/ LEAF	ASTRAGAL	6063-T5	-
11	SMM-5981	SMI-007	4/ LEAF	EXTERIOR GLASS STOP (DOOR)	6063-T5	-
12	SMM-5982	SMI-008	4/ LEAF	INTERIOR GLASS STOP (DOOR)	6063-T5	-
13	SMM-003	SMI-016	-	EXTERIOR GLASS STOP (TRANSOM JAMB)	-	-
14	SMM-004	SMI-017	-	INTERIOR GLASS STOP (TRANSOM JAMB)	-	-
15	SMM-5712	SMI-002	2/ LITE	GLASS STOP (TRANSOM HEAD/SILL)	-	-
16	SMM-002	SMI-014	3/ DOOR	DOOR STOP	6063-T5	-
16A	SMM-001	SMI-015	3/ DOOR	DOOR STOP COVER	6063-T5	-
17	SMM-5807A	SMI-004	OPTIONAL	FLAT FILLER	6063-T6	-
18	SMI-003	-	AS REQD.	INTERMEDIATE SNAP-IN	6063-T5	-
19	H-63	SMI-G01	AS REQD.	WEDGE-IN GASKET	NEOPRENE	DUROMETER 68 SHORE A
24	-	SMI-G03	AS REQD.	BULB W'STRIPPING	VINYL	DUROMETER 83 SHORE A
26	-	-	2/ LEAF	3/8" THREADED ROD WITH NUT	STEEL	-
27	-	-	2/ LEAF	FLUSH BOLT GUIDE	ST. STEEL	-
28	-	-	AS REQD.	PUSH BAR	-	-
29	-	-	AS REQD.	PULL HANDLE	-	-
30	-	-	2	THRESHOLD CLIP	ALUMINUM	2" X 2" X 1/8" X 7/8" LONG
31	-	-	4/ LEAF	SUPPORT PLATE (1-1/2" X 3-3/8" X 3/16")	ALUMINUM	-
33	#12 X 1-1/2"	-	AS REQD.	FRAME ASSEMBLY SCREWS	-	HEX H TEKS
35	#12 X 3/4"	-	AS REQD.	THRESHOLD CLIP SCREWS	-	FH SELF DRILLING
37	#10 X 5/16"	-	2/ GUIDE	GUIDE INSTALLATION SCREWS	-	FH MS
40	-	-	-	REINFORCING CHANNEL (DOOR MULL)	STEEL	1" X 3-15/16" X 1" X 3/16" THK.
41	-	-	-	REINFORCING CHANNEL (DOOR MULL)	STEEL	3/4" X 3-1/2" X 3/4" X 1/8" THK.
42	-	-	OPTIONAL	REINFORCING CHANNEL (TRANSOM)	STEEL	1" X 4-1/8" X 1" X 3/16" THK.
43	-	-	OPTIONAL	REINFORCING CHANNEL (TRANSOM)	STEEL	3/4" X 3-11/16" X 3/4" X 1/8" THK.

SEALANTS:

ALL FRAME AND LEAF CORNERS AND INSTALLATION SCREWS
SEALED WITH SILICONE.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

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By Manuel Perez
Miami-Dade Product Control

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ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
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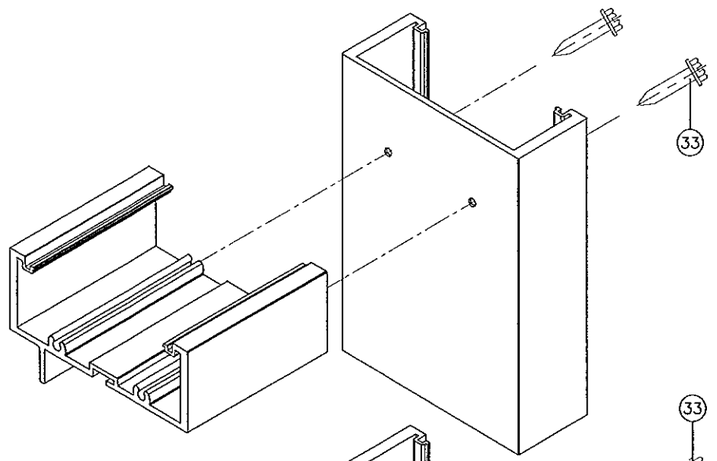
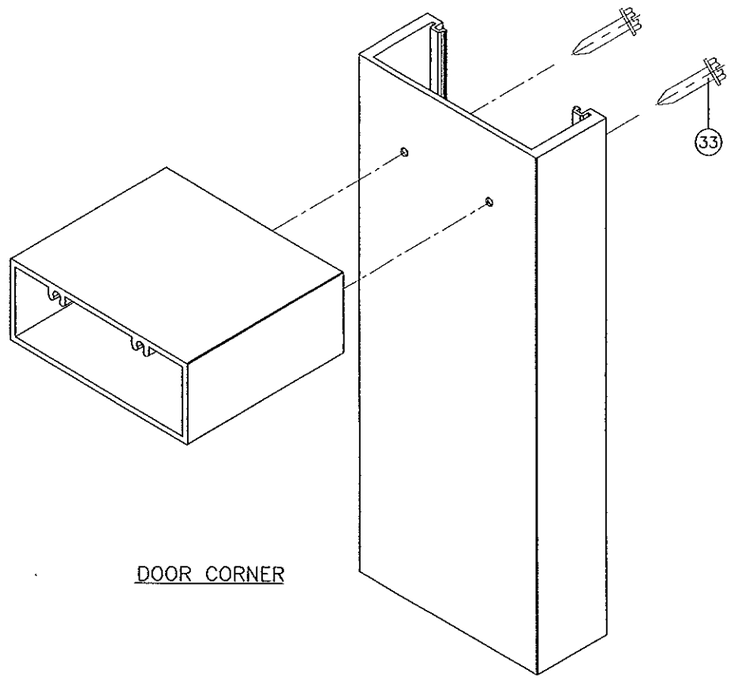
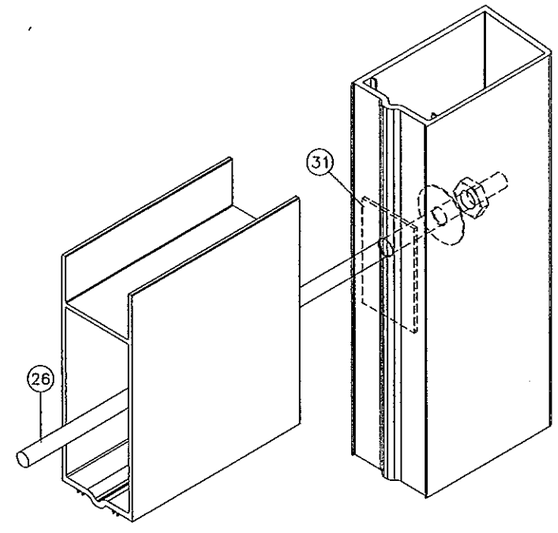


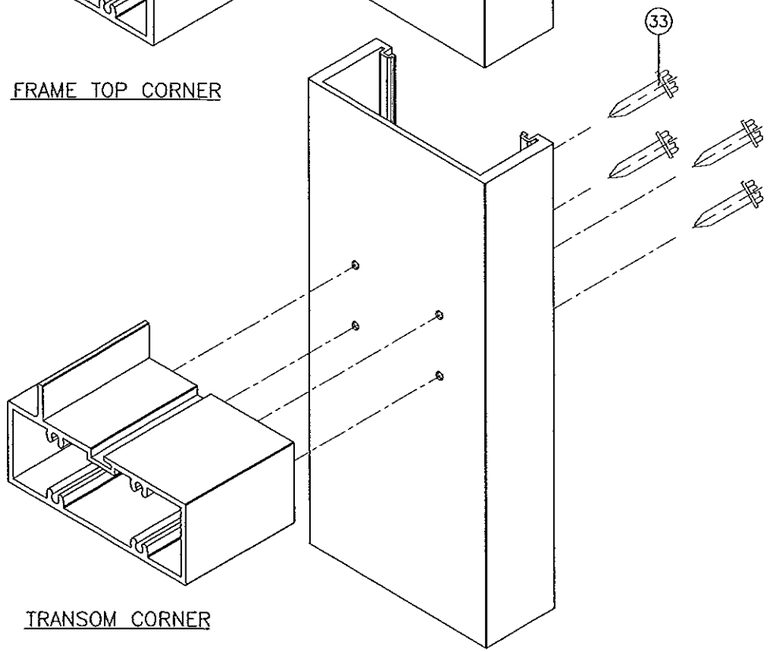
FRAME TOP CORNER



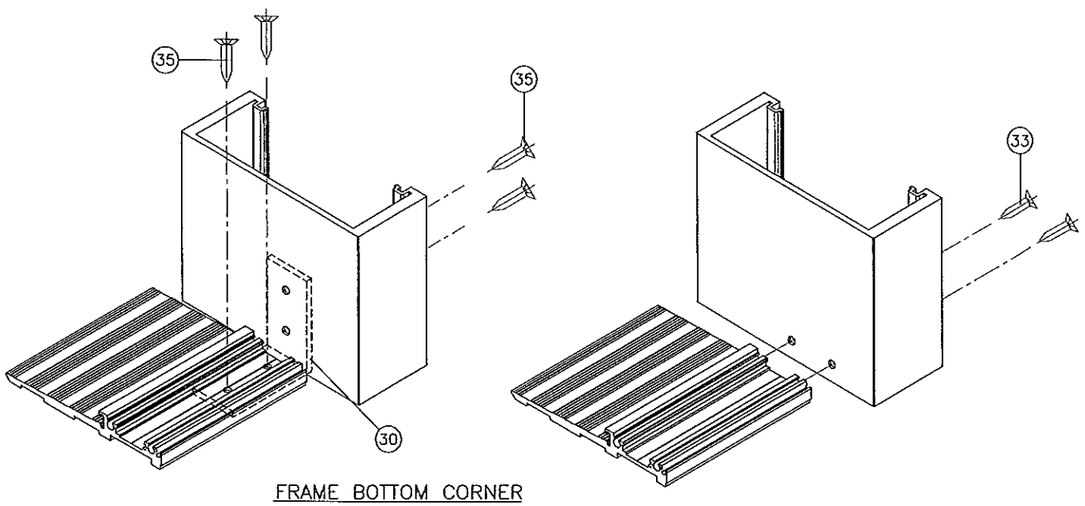
DOOR CORNER



DOOR LEAF CORNER



TRANSOM CORNER



FRAME BOTTOM CORNER

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