



**MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building

Miami Wall Systems, Inc.

701 West 25 Street

Hialeah, FL 33010

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 "101" Aluminum Window Wall System – S.M.I.

APPROVAL DOCUMENT: Drawing No. **101-SMI**, titled "Series 101 Aluminum Window Wall System (S.M.I.)", sheets 1 through 11 of 11, dated 10/21/14, with revision **#3** dated 04/06/22, prepared by manufacturer, signed and sealed by Jorge E. Valdes, 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: Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, 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 No. 21-0318.14** 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 **Manuel Perez, P.E.**




8/11/22

NOA No. 22-0613.02
Expiration Date: December 11, 2024

Approval Date: August 18, 2022

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. 14-0515.08)
2. Drawing No **101-SMI**, titled "Series 101 Alum. Window Wall System (S.M.I.)", sheets 1 through 9 of 9, dated 10/21/14, with revision **#2** dated 03/05/19, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E.
(Submitted under NOA No. 21-0318.14)

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) Small Missile Impact Test per FBC, TAS 201-94
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 an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7783**, dated 04/24/14, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under NOA No. 14-0515.08)

C. CALCULATIONS

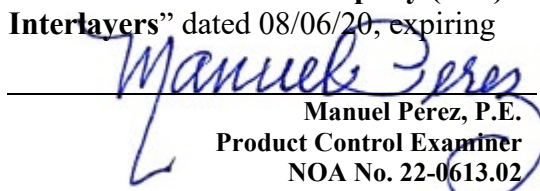
1. Anchor verification calculations and structural mullion analysis, complying with **FBC (2010)**, dated 10/21/14, 11/12/14, and updated on 10/25/19 to comply with **FBC 6th Edition (2017)**, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E.
(Submitted under NOA No. 19-1029.02)
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **18-0725.11** issued to **Kuraray America, Inc.** for their "**Kuraray SentryGlas® Xtra™ (SGX™) Clear Glass Interlayer**" dated 05/23/19, expiring on 05/23/24.
2. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 05/09/19, expiring on 07/08/24.
3. Notice of Acceptance No. **20-0622.01** issued to **Eastman Chemical Company (MA)** for their "**Saflex PVB Clear and Color Glass Interlayers**" dated 08/06/20, expiring on 05/21/21.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 22-0613.02
Expiration Date: December 11, 2024
Approval Date: August 18, 2022

Miami Wall Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

F. STATEMENTS

1. Statement letters of conformance, complying with **FBC 7th Edition (2020)**, dated March 5, 2021, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E. *(Submitted under NOA No. 21-0318.14)*
2. Proposal No. **14-0341** issued by the Product Control Section, dated March 28, 2014, signed by Manuel Perez, P.E. *(Submitted under NOA No. 14-0515.08)*

G. OTHERS

1. Notice of Acceptance No. **19-1029.02**, issued to Miami Wall Systems, Inc. for their Series "101" Aluminum Window Wall System – S.M.I., approved on 12/05/19 and expiring on 12/11/24.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No **101-SMI**, titled "Series 101 Aluminum Window Wall System (S.M.I.)", sheets 1 through 11 of 11, dated 10/21/14, with revision **#3** dated 04/06/22, prepared by manufacturer, signed and sealed by Jorge E. Valdes, 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 ASTM 588-07, and TAS 202-94
along with marked-up drawings and installation diagram of a series 101 aluminum window wall system, prepared by Blackwater Technical Services, Inc., Test Report No. **BT-MWS-21-002**, dated 02/16/22 and revised on 08/03/22, signed and sealed by Michael D. Caldwell, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural mullion analysis, complying with **FBC (2010)**, dated 10/21/14, 11/12/14, updated on 10/25/19 and further revised on 06/09/22 to comply with **FBC 7th Edition (2020)**, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 22-0613.02
Expiration Date: December 11, 2024
Approval Date: August 18, 2022

Miami Wall Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED (CONTINUED)

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **18-0725.11** issued to **Kuraray America, Inc.** for their “**Kuraray SentryGlas® Xtra™ (SGX™) Clear Glass Interlayer**” dated 05/23/19, expiring on 05/23/24.
2. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 11/19/20, expiring on 07/08/24.
3. Notice of Acceptance No. **21-0216.01** issued to **Eastman Chemical Company (MA)** for their “**Saflex PVB Interlayers - Clear and Colored for Glass**” dated 04/29/21, expiring on 05/21/26.

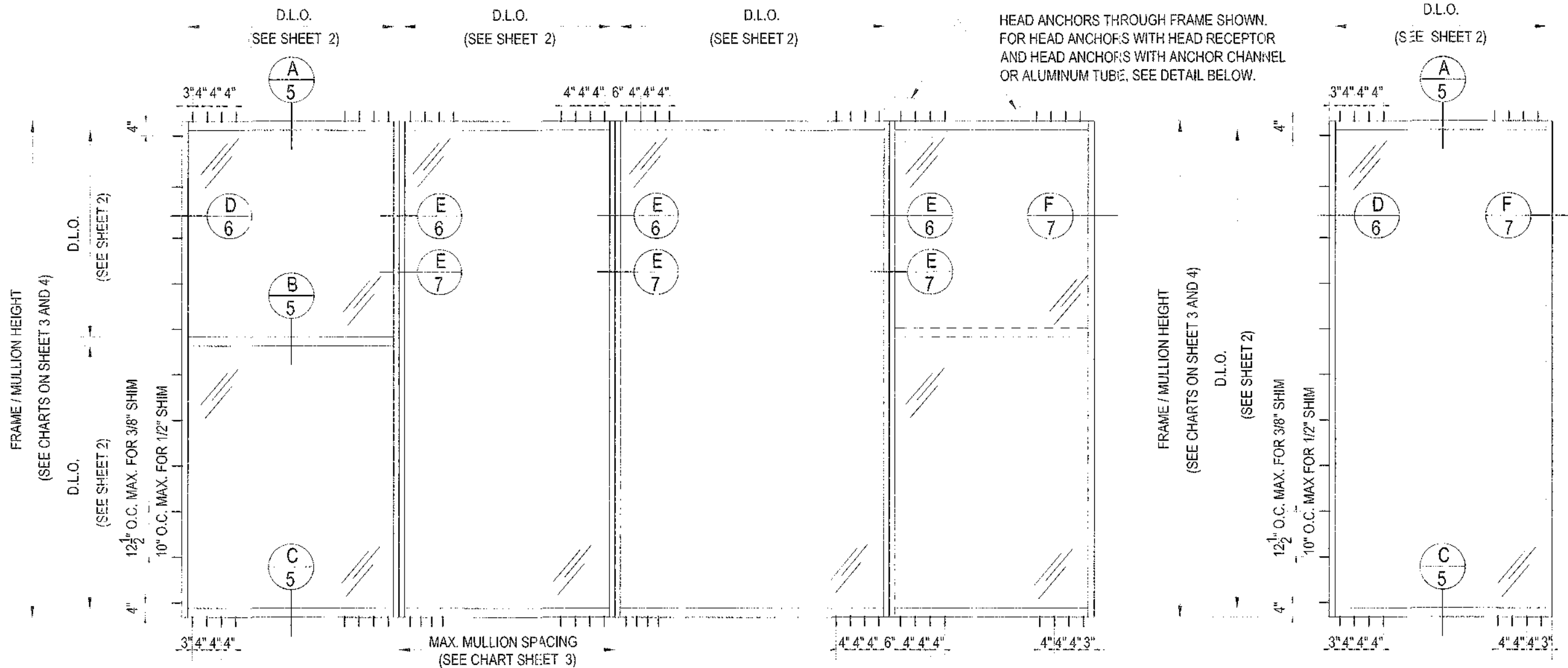
F. STATEMENTS

1. Statement letters of conformance, complying with **FBC 7th Edition (2020)**, dated May 24, 2022, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E.
2. Statement letters of no financial interest, dated May 24, 2022, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E.

G. OTHERS

1. Notice of Acceptance No. **21-0318.14**, issued to Miami Wall Systems, Inc. for their Series “101” Aluminum Window Wall System – S.M.I., approved on 04/22/21 and expiring on 12/11/24.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 22-0613.02
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TYPICAL ELEVATIONS

SERIES 101 ALUM. WINDOW WALL SYSTEM (S.M.I.)

THIS SYSTEM MAY BE USED IN CONJUNCTION WITH MIAMI-DADE COUNTY APPROVED LARGE MISSILE IMPACT RESISTANT DOORS AND WINDOWS. FOR CONNECTION DETAILS TO MULLION SEE SEPARATE DOOR AND WINDOW NOA. LOWEST DESIGN LOAD CAPACITY OF DOOR, WINDOW OR MULLION SHALL APPLY FOR THE ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE 7TH EDITION (2020) FLORIDA BUILDING CODE, INCLUDING HIGH VELOCITY HURRICANE ZONE.

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

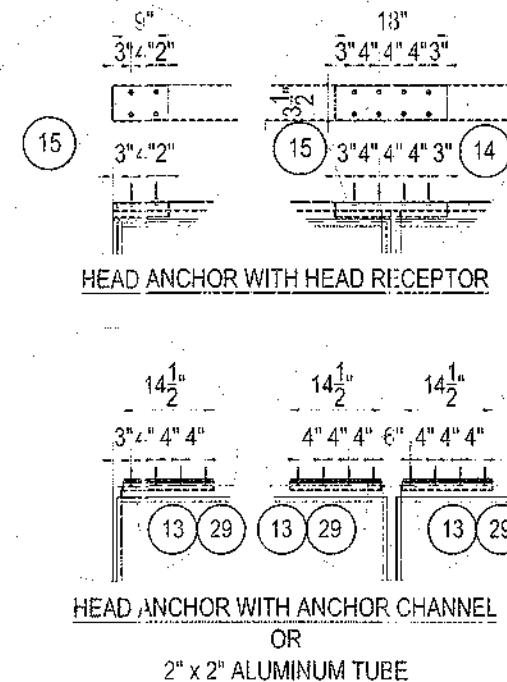
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 7TH EDITION (2020) FLORIDA BUILDING CODE.

INSTRUCTIONS

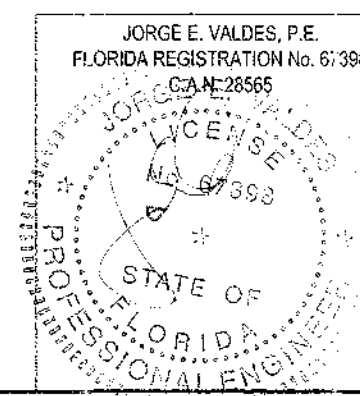
USE CHARTS AS FOLLOWS:

- STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE, USING THE APPLICABLE ASCE 7 STANDARD.
- STEP 2: SEE CHART ON SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
- STEP 3: CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEET 3 & 4. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4: THE LOWEST VALUE RESULTING FROM STEP 2 AND 3 SHALL APPLY TO ENTIRE SYSTEM.

THIS SYSTEM IS RATED FOR **SMALL MISSILE IMPACT** MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS NOT REQUIRED FOR INSTALLATIONS ABOVE 30 FT. OF GRADE. SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE.



PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **22-0613.02**
Expiration Date: **12/11/2024**
By: *Manuel Perez*
Miami-Dade Product Control



REV	DATE	DESCRIPTION
1	10/23/19	UPDATE TO 2017 FBC
2	03/05/21	UPDATE TO 2020 FBC
3	04/06/22	NOA REVISION

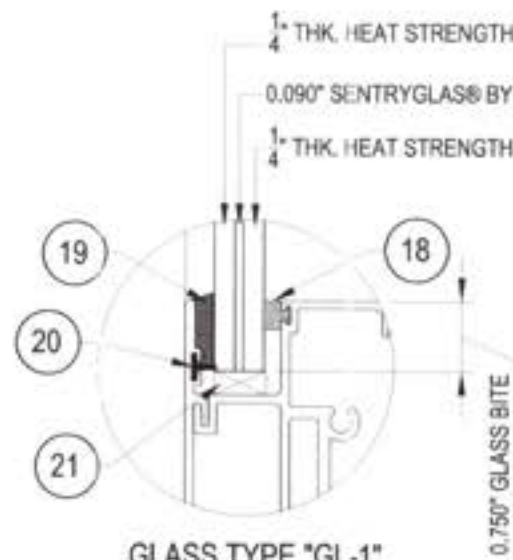
DATE: 10/21/2014
SCALE: AS NOTED
DWG. BY: RP
CHK. BY: JV
DWG. NO.: 101-SM
SHEET 1 OF 11

MIAMI WALL SYSTEMS, Inc.
701 WEST 25TH STREET
HIALEAH, FLORIDA, 33010
TEL: (305) 888-2300 FAX: (305) 888-3058

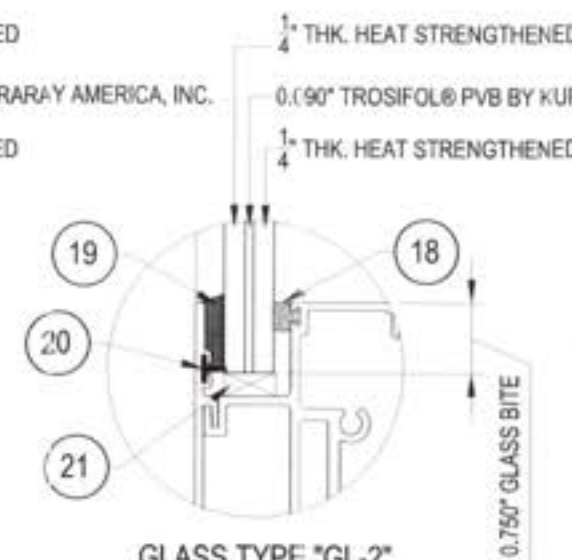
SERIES 101
ALUMINUM WINDOW WALL SYSTEM
(S.M.I.)

GLASS DESIGN LOAD CAPACITY - PSF					
D.L.O. SHORT SIDE (INCHES)	D.L.O. LONG SIDE (INCHES)	GLASS TYPE "GL-1"	GLASS TYPE "GL-2"	GLASS TYPE "GL-3"	GLASS TYPE "GL-4" "GL-5" "GL-6"
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	96	130.0	130.0	95.0	130.0
42		130.0	130.0	95.0	130.0
48		130.0	130.0	95.0	130.0
54		130.0	130.0	95.0	130.0
60		130.0	130.0	95.0	130.0
66		130.0	130.0	95.0	130.0
72		121.0	121.0	95.0	121.0
36	102	130.0	130.0	95.0	130.0
42		130.0	130.0	95.0	130.0
48		130.0	130.0	95.0	130.0
54		130.0	130.0	95.0	130.0
60		130.0	130.0	95.0	130.0
66		119.0	119.0	95.0	119.0
72		110.0	110.0	95.0	110.0
36	108	130.0	130.0	95.0	130.0
42		130.0	130.0	95.0	130.0
48		130.0	130.0	95.0	130.0
54		130.0	130.0	95.0	130.0
60		121.0	121.0	95.0	121.0
66		112.0	112.0	95.0	112.0
72		104.0	104.0	95.0	104.0
36	114	130.0	130.0	95.0	130.0
42		130.0	130.0	95.0	130.0
48		130.0	130.0	95.0	130.0
54		130.0	130.0	95.0	130.0
60		119.0	119.0	95.0	119.0
66		106.0	106.0	95.0	106.0
72		100.0	100.0	95.0	100.0
36	120	130.0	130.0	95.0	130.0
42		130.0	130.0	95.0	130.0
48		130.0	130.0	95.0	130.0
54		130.0	130.0	95.0	130.0
60		113.0	113.0	95.0	113.0
66		100.0	100.0	95.0	100.0
36	126	130.0	130.0	95.0	-
42		130.0	130.0	95.0	-
48		130.0	130.0	95.0	-
54		125.0	125.0	95.0	-
60		107.0	107.0	95.0	-
66		98.0	98.0	95.0	-
36	132	130.0	130.0	95.0	-
42		130.0	130.0	95.0	-
48		130.0	130.0	95.0	-
54		121.0	121.0	95.0	-
60		104.0	104.0	95.0	-
66		130.0	130.0	95.0	-
36	138	130.0	130.0	95.0	-
42		130.0	130.0	95.0	-
48		130.0	130.0	95.0	-
54		121.0	121.0	95.0	-
60		114.0	114.0	95.0	-
57		114.0	114.0	95.0	-

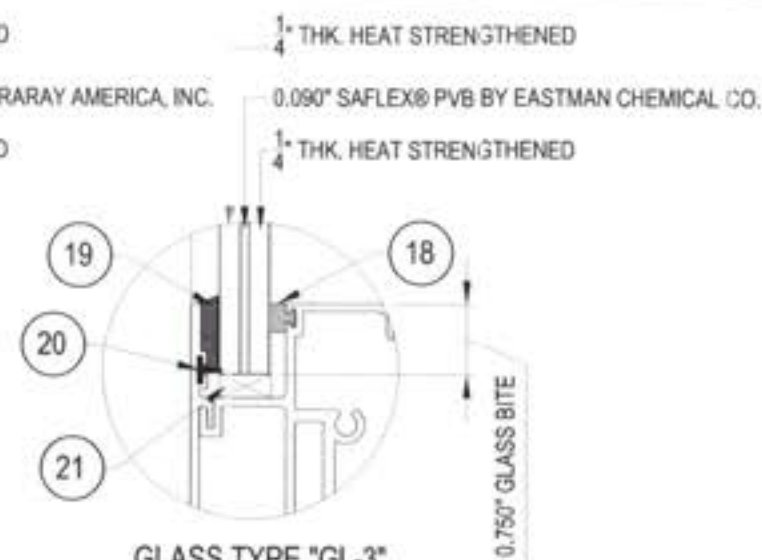
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DC-05-DEC-219



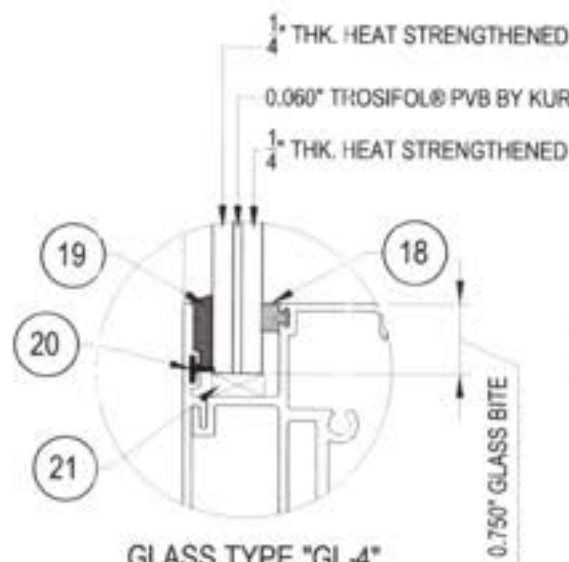
GLASS TYPE "GL-1"
(TYPICAL DETAIL AT HORIZONTAL MEMBERS)



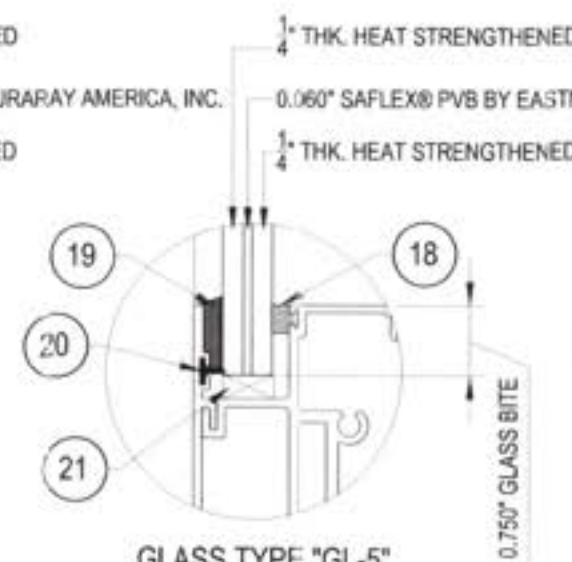
GLASS TYPE "GL-2"
(TYPICAL DETAIL AT HORIZONTAL MEMBERS)



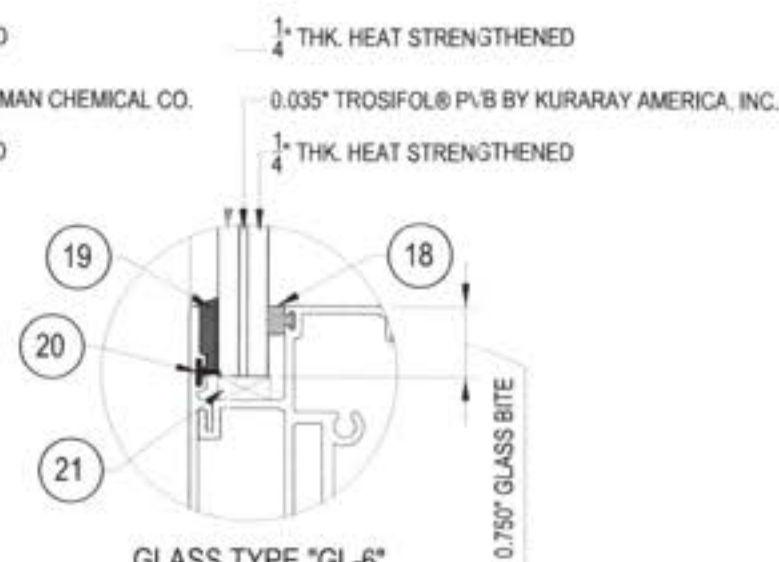
GLASS TYPE "GL-3"
(TYPICAL DETAIL AT HORIZONTAL MEMBERS)



GLASS TYPE "GL-4"
(TYPICAL DETAIL AT HORIZONTAL MEMBERS)

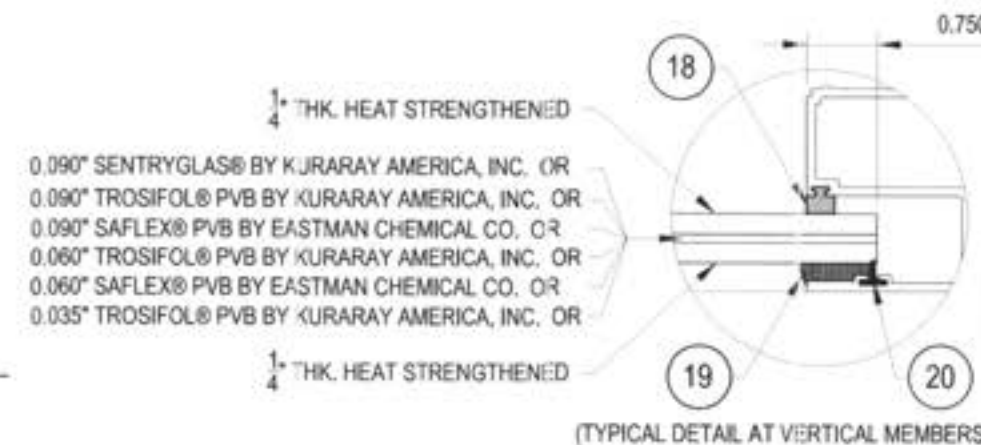
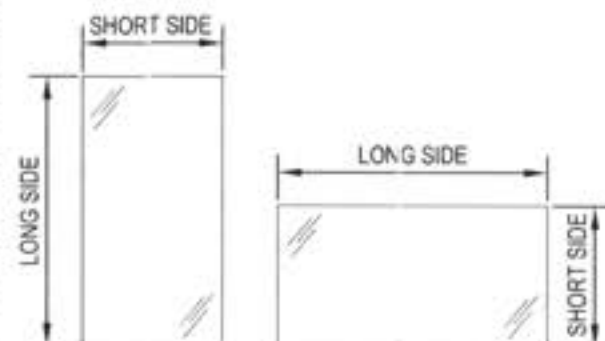


GLASS TYPE "GL-5"
(TYPICAL DETAIL AT HORIZONTAL MEMBERS)



GLASS TYPE "GL-6"
(TYPICAL DETAIL AT HORIZONTAL MEMBERS)

NOTE:
LONG AND SHORT SIDES CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY AS SHOWN.



(TYPICAL DETAIL AT VERTICAL MEMBERS)

GLAZING OPTIONS
SCALE 1:2

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **22-0613.02**
Expiration Date: **12/11/2024**
By: *Manuel Perez*
Miami-Dade Product Control



REV.	DATE	DESCRIPTION
1	10/25/19	UPDATE TO 2017 FBC
2	03/05/21	UPDATE TO 2020 FBC
3	04/06/22	NOA REVISION

DATE: 10/21/2014
SCALE: AS NOTED
DWG. BY: RP
CHK. BY: JV
DWG. NO.: 101-SMI
SHEET 2 OF 11

Miami Wall Systems, Inc.
701 WEST 25TH STREET
HIALEAH, FLORIDA, 33010
TEL: (305) 888-2300 FAX: (305) 888-3058

SERIES 101
ALUMINUM WINDOW WALL SYSTEM
(S.M.I.)

CHART "A"

NOMINAL DIMENSIONS (INCHES)		MULLION DESIGN LOAD CAPACITY - PSF								ANCHOR TYPE			
		MULLION TYPE								ANCHOR TYPE			
		"M1"		"M2"		"M3"		"M4"		"A"	"B"	"A1"	"B1"
WIDTH (W)	FRAME HEIGHT	EXT(+)	INT(-)	EXT(+)	INT(-)	EXT(+)	INT(-)	EXT(+)	INT(-)	EXT(+)	INT(-)	EXT(+)	INT(-)
30	72	95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
36		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
42		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
48		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
54		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	126.2	125.6	130.0	130.0
60		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	113.6	113.1	130.0	130.0
66		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	103.3	102.8	130.0	130.0
72		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	94.7	94.2	130.0	127.6
30	84	95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
36		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
42		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
48		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	121.7	121.1	130.0	130.0
54		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	108.2	107.7	130.0	130.0
60		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	97.4	96.9	130.0	130.0
66		-	-	95.0	95.0	110.0	110.0	130.0	130.0	88.5	88.1	130.0	119.3
72		-	-	95.0	95.0	110.0	110.0	130.0	130.0	-	-	-	-
30	96	95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
36		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
42		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
48		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	121.7	121.1	130.0	130.0
54		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	106.5	106.0	130.0	130.0
60		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	94.7	94.2	130.0	127.6
66		-	-	95.0	95.0	110.0	110.0	130.0	130.0	85.2	84.8	130.0	114.8
72		-	-	95.0	95.0	110.0	110.0	130.0	130.0	-	-	-	-
30	102	95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
36		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
42		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
48		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	114.6	114.0	130.0	130.0
54		95.0	95.0	95.0	95.0	110.0	110.0	130.0	130.0	100.2	99.8	130.0	130.0
60		-	-	95.0	95.0	110.0	110.0	130.0	130.0	89.1	88.7	130.0	120.1
66		-	-	95.0	95.0	110.0	110.0	130.0	130.0	80.2	79.8	130.0	108.0
72		-	-	95.0	95.0	110.0	110.0	130.0	130.0	-	-	-	-
30	114	-	-	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
36		-	-	95.0	95.0	110.0	110.0	130.0	130.0	119.6	119.0	130.0	130.0
42		-	-	95.0	95.0	110.0	110.0	130.0	130.0	102.5	102.0	130.0	130.0
48		-	-	95.0	95.0	110.0	110.0	130.0	130.0	89.7	89.3	130.0	120.8
54		-	-	95.0	95.0	110.0	110.0	130.0	130.0	79.7	79.3	130.0	107.4
60		-	-	95.0	95.0	110.0	110.0	130.0	130.0	71.7	71.4	130.0	96.7
66		-	-	95.0	95.0	110.0	110.0	130.0	130.0	-	-	-	-
72		-	-	95.0	95.0	110.0	110.0	130.0	130.0	-	-	-	-
30	122	-	-	95.0	95.0	110.0	110.0	130.0	130.0	130.0	130.0	130.0	130.0
36		-	-	95.0	95.0	110.0	110.0	130.0	130.0	111.7	111.2	130.0	130.0
42		-	-	95.0	95.0	110.0	110.0	130.0	130.0	95.8	95.3	130.0	129.0
48		-	-	95.0	95.0	110.0	110.0	130.0	130.0	83.8	83.4	130.0	112.9

CHART "E"

MULLION DESIGN LOAD CAPACITY - PSF													
NOMINAL DIMENSIONS (INCHES)		MULLION TYPE						ANCHOR TYPE					
		"M5"		"M6"		"M7"		"A"	"B"	"A1"	"B1"	"A2"	"B2"
WIDTH (W)	FRAME HEIGHT	EXT(+)	INT(-)	EXT(+)	INT(-)	EXT(+)	INT(-)	EXT(+) INT(-)	EXT(+) INT(-)	EXT(+) INT(-)	EXT(+) INT(-)	EXT(+) INT(-)	EXT(+) INT(-)
42	96	80.0	80.0	130.0	130.0	90.0	154.0	121.7	121.1	154.0	154.0	154.0	154.0
48		80.0	80.0	130.0	130.0	90.0	154.0	106.5	106.0	154.0	143.6	154.0	154.0
54		80.0	80.0	130.0	130.0	-	-	88.1	87.7	130.0	118.8	130.0	130.0
66		80.0	80.0	130.0	130.0	-	-	77.5	77.1	130.0	104.4	130.0	130.0
72		80.0	80.0	130.0	130.0	-	-	71.0	70.7	130.0	95.7	130.0	130.0
40		108	80.0	80.0	130.0	130.0	90.0	154.0	113.6	113.1	154.0	153.1	154.0
44	80.0		80.0	130.0	130.0	90.0	154.0	103.3	102.8	154.0	139.2	154.0	154.0
48	80.0		80.0	130.0	130.0	-	-	94.7	94.2	130.0	127.6	130.0	130.0
54	80.0		80.0	130.0	130.0	-	-	84.1	83.8	130.0	113.4	130.0	130.0
60	80.0		80.0	130.0	130.0	-	-	75.7	75.4	130.0	102.0	130.0	130.0
64	80.0		80.0	130.0	130.0	-	-	71.0	70.7	130.0	95.7	130.0	130.0
72	120	-	-	130.0	130.0	-	-	63.1	62.8	130.0	85.0	130.0	130.0
36		80.0	80.0	130.0	130.0	90.0	154.0	113.6	113.1	154.0	153.1	154.0	154.0
40		80.0	80.0	130.0	130.0	90.0	154.0	102.2	101.8	154.0	137.8	154.0	154.0
42		80.0	80.0	130.0	130.0	-	-	97.4	96.9	130.0	130.0	130.0	130.0
56		80.0	80.0	130.0	130.0	-	-	73.0	72.7	130.0	98.4	130.0	130.0
60		-	-	130.0	130.0	-	-	68.2	67.8	130.0	91.8	130.0	130.0
66	126	-	-	130.0	130.0	-	-	62.0	61.7	130.0	83.5	130.0	130.0
72		-	-	130.0	130.0	-	-	56.8	56.5	125.6	76.5	130.0	130.0
30		80.0	80.0	130.0	130.0	90.0	154.0	129.8	129.2	154.0	154.0	154.0	154.0
36		80.0	80.0	130.0	130.0	90.0	154.0	108.2	107.7	154.0	145.8	154.0	154.0
42		80.0	80.0	130.0	130.0	-	-	92.7	92.3	130.0	125.0	130.0	130.0
48		80.0	80.0	130.0	130.0	-	-	81.1	80.8	130.0	109.3	130.0	130.0
54	132	80.0	80.0	130.0	130.0	-	-	72.1	71.8	130.0	97.2	130.0	130.0
60		-	-	130.0	130.0	-	-	64.9	64.6	130.0	87.5	130.0	130.0
66		-	-	130.0	130.0	-	-	59.0	58.7	130.0	79.5	130.0	130.0
30		80.0	80.0	130.0	130.0	90.0	154.0	123.9	123.3	154.0	154.0	154.0	154.0
36		80.0	80.0	130.0	130.0	90.0	154.0	103.3	102.8	154.0	139.2	154.0	154.0
42		80.0	80.0	130.0	130.0	-	-	98.5	98.1	130.0	119.3	130.0	130.0
48	138	80.0	80.0	130.0	130.0	-	-	77.5	77.1	130.0	104.4	130.0	130.0
54		80.0	80.0	130.0	130.0	-	-	68.8	68.5	130.0	92.8	130.0	130.0
60		-	-	130.0	130.0	-	-	62.0	61.7	130.0	83.5	130.0	130.0
30		80.0	80.0	130.0	130.0	-	-	118.5	118.0	130.0	130.0	130.0	130.0
36		80.0	80.0	130.0	130.0	-	-	98.8	98.3	130.0	130.0	130.0	130.0
42		80.0	80.0	130.0	130.0	-	-	84.7	84.3	130.0	114.1	130.0	130.0
48	144	80.0	80.0	130.0	130.0	-	-	74.1	73.7	130.0	99.8	130.0	130.0
54		-	-	130.0	130.0	-	-	65.9	65.5	130.0	88.7	130.0	130.0
60		-	-	130.0	130.0	-	-	59.3	59.0	130.0	79.9	130.0	130.0
30		80.0	80.0	130.0	130.0	-	-	113.6	113.1	130.0	130.0	130.0	130.0
36		80.0	80.0	130.0	130.0	-	-	94.7	94.2	130.0	127.6	130.0	130.0
42		80.0	80.0	130.0	130.0	-	-	81.1	80.8	130.0	109.3	130.0	130.0
48	144	80.0	80.0	130.0	130.0	-	-	71.0	70.7	130.0	95.7	130.0	130.0
54		-	-	130.0	130.0	-	-	63.1	62.8	130.0	85.0	130.0	130.0
60		-	-	130.0	130.0	-	-	56.8	56.5	125.6	76.5	130.0	130.0
60		-	-	130.0	130.0	-	-	56.8	56.5	125.6	76.5	130.0	130.0

CHART "D"

MULLION DESIGN LOAD CAPACITY - PSF																			
NOMINAL DIMENSIONS (INCHES)		MULLION TYPE														ANCHOR TYPE			
		"M8"					"M9"					"M10"							
WIDTH (W)	FRAME HEIGHT	REINFORCEMENT LENGTH (INCHES)					REINFORCEMENT LENGTH (INCHES)					REINFORCEMENT LENGTH (INCHES)				"A1"	"B1"	"A2"	"B2"
		120	144	168	192	FULL LENGTH	120	144	168	192	FULL LENGTH	120	144	168					
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)				
46	168	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
52		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	75.7	80.0	
60		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	65.6	80.0	
70		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	56.2	80.0	
76		-	-	-	-	-	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	51.8	80.0	
84	-	-	-	-	-	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	76.9	46.9	80.0	
42	192	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
48		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	71.8	80.0		
56		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	61.5	80.0		
68		-	-	-	-	-	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	50.6	80.0		
84		-	-	-	-	-	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	67.3	41.0	80.0	
36	204	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
42		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	77.2	80.0		
48		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	67.5	80.0		
58		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	55.9	80.0		
66		-	-	-	-	-	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	49.1	80.0		
78	-	-	-	-	-	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	68.2	41.6	80.0		
36	216	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
42		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	72.9	80.0		
48		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	63.8	80.0		
54		75.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	56.7	80.0		
66		-	-	-	-	-	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	76.1	46.4	80.0	
74	-	-	-	-	-	75.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	67.9	41.4	80.0		
36	222	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
42		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	70.9	80.0		
52		70.0	75.0	78.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	57.3	80.0		
60		-	-	-	-	-	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	49.6	80.0		
66		-	-	-	-	-	75.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	74.1	45.1	80.0	
72	-	-	-	-	-	69.0	78.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	67.9	41.4	80.0		
36	228	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
42		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	69.1	80.0		
46		72.0	78.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	63.0	80.0		
50		67.0	72.0	75.0	76.0	77.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	58.0	80.0		
64		-	-	-	-	-	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	74.4	45.3	80.0	
70	-	-	-	-	-	64.0	72.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	68.0	41.4	80.0		
36	234	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	78.5	80.0	
42		72.0	78.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	67.3	80.0		
48		63.0	68.0	71.0	72.0	73.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	58.9	80.0		
54		-	-	-	-	-	75.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	52.3	80.0		
60		-	-	-	-	-	67.0	76.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	77.3	47.1	80.0	
68	-	-	-	-	-	59.0	68.0	74.0	78.0	80.0	71.0	80.0	80.0	80.0	68.2	41.6	80.0		
36	240	76.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	76.5	80.0	
42		65.0	70.0	73.0	75.0	76.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	65.6	80.0		
48		57.0	62.0	65.0	67.0	68.0	76.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	57.4	80.0		
54		-	-	-	-	-	68.0	77.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	51.0	80.0		
60		-	-	-	-	-	60.0	69.0	75.0	80.0	80.0	72.0	80.0	80.0	80.0	75.4	45.9	80.0	
66	-	-	-	-	-	55.0	63.0	69.0	73.0	75.0	66.0	78.0	80.0	80.0	68.5	41.7	80.0		
36	246	70.0	76.0	80.0	80.0	80.0 *	80.0	80.0	80.0	80.0	80.0 *	80.0	80.0	80.0	80.0	74.7	80.0		
42		60.0	65.0	68.0	71.0	72.0 *	79.0	80.0	80.0	80.0	80.0 *	80.0	80.0	80.0	80.0	64.0	80.0		
48		52.0	57.0	60.0	62.0	63.0 *	69.0	80.0	80.0	80.0	80.0 *	80.0	80.0	80.0	80.0	56.0	80.0		
54		-	-	-	-	-	63.0	75.0	78.0	80.0	80.0 *	73.0	80.0	80.0	80.0	49.8	80.0		
60		-	-	-	-	-	55.0	63.0	70.0	74.0	77.0 *	65.0	78.0	80.0	80.0	73.5	44.8	80.0	
66	-	-	-	-	-	50.0	58.0	64.0	68.0	70.0 *	60.0	71.0	80.0	80.0	66.8	40.7	80.0		

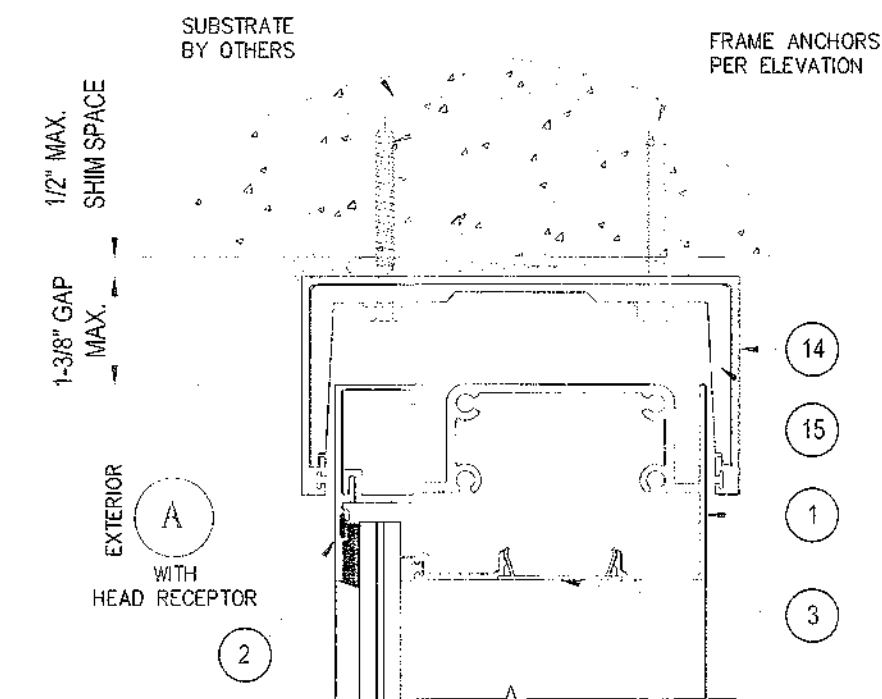
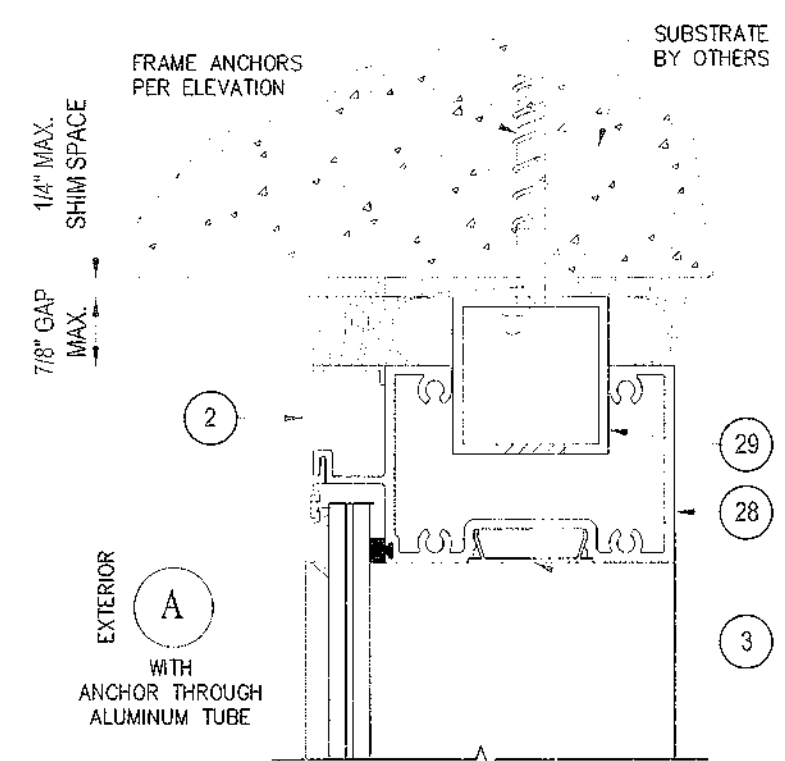
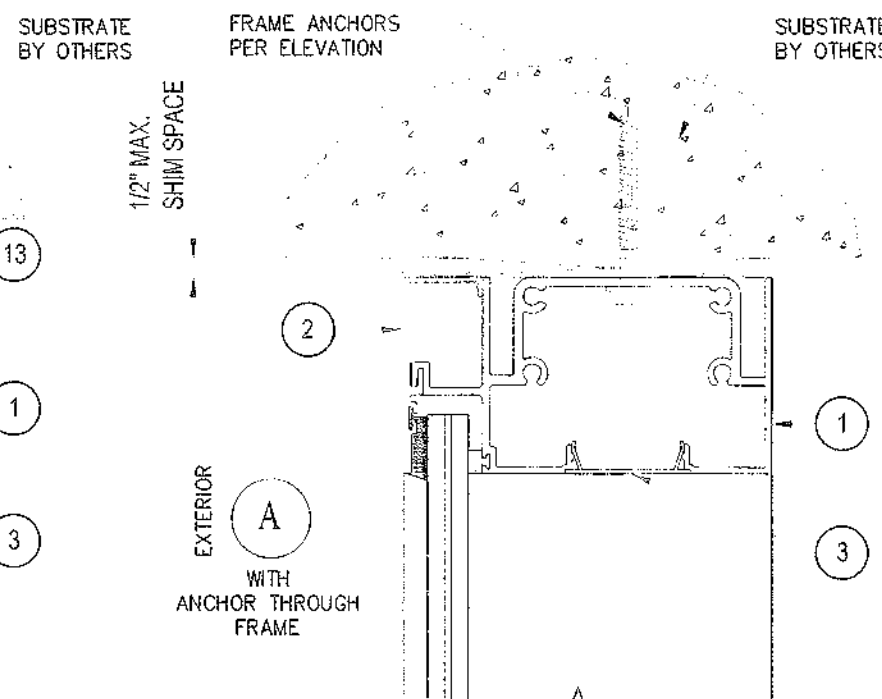
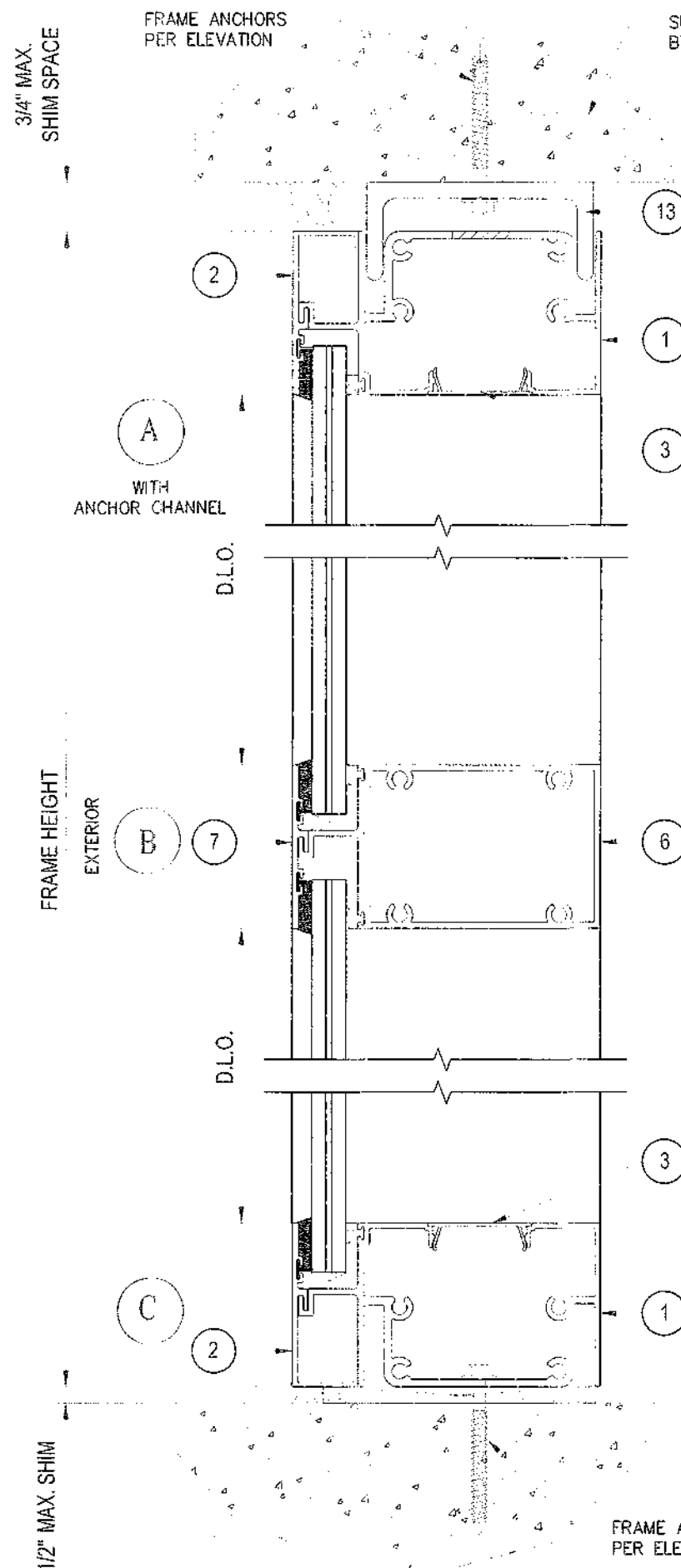
(*) REINFORCEMENT LENGTH IS LIMITED TO 240"

NOTES:

- ALL STEEL REINFORCEMENT ON THIS CHART TO BE CENTERED AT MULL MID SPAN
- REINFORCEMENT LENGTH AT MULLIONS TO BE A MINIMUM OF 120"
SEE CHART "D" ON THIS SHEET TO DETERMINE LENGTH REQUIRED TO MEET PROJECT WIND LOADS
- REINFORCEMENT LENGTH AT "J2" TO BE FULL MULL LENGTH
- REINFORCEMENT LENGTH AT "J3" TO BE A MINIMUM OF 60"

CHART "E"

FREE STANDING JAMB DE SIGN LOAD CAPACITY - PSF						
NOMINAL DIMENSIONS (INCHES)		JAMB TYPE			SILICONE GAP (INCHES)	
		"J1"	"J2"	"J3"		
WIDTH (W)	FRAME HEIGHT	EXT(+) INT(-)	EXT(+) INT(-)	EXT(+) INT(-)	MIN.	MAX.
24	122	130	80.0	80.0	3/8	1
30		130	80.0	80.0		
42		-	80.0	80.0		
24		-	80.0	80.0		
30	168	-	80.0	80.0	5/8	1 1/8
35		-	80.0	80.0		
22		-	80.0	80.0		
24		-	80.0	80.0		
30	192	-	80.0	80.0	5/8	1 1/8
22		-	80.0	80.0		
24		-	80.0	80.0		
29		-	80.0	80.0		
22	204	-	80.0	80.0	3/4	1 1/4
24		-	80.0	80.0		
27		-	80.0	80.0		
18		-	80.0	80.0		
22	216	-	80.0	80.0	3/4	1 1/4
26		-	80.0	80.0		
18		-	80.0	80.0		
21		-	80.0	80.0		
25	222	-	80.0	80.0	3/4	1 1/4
18		-	80.0	80.0		
21		-	80.0	80.0		
24		-	80.0	80.0		
25	228	-	80.0	80.0	3/4	1 1/4
18		-	80.0	80.0		
21		-	80.0	80.0		
24		-	80.0	80.0		
25	234	-	80.0	80.0	3/4	1 1/4
18		-	80.0	80.0		
21		-	80.0	80.0		
24		-	80.0	80.0		
25	240	-	80.0	80.0	3/4	1 1/4
18		-	80.0	80.0		
21		-	80.0	80.0		
24		-	80.0	80.0		
25	246	-	80.0	80.0	3/4	1 1/4
18		-	80.0	80.0		
21		-	80.0	80.0		
24		-	80.0	80.0		



TYPICAL ANCHORS: (SEE ELEV. FOR SPACING)
AT HEAD & SILL

- TYPE "A": 1/4" DIA. ULTRACON BY "DEWALT" (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE WITH 1-3/4" MIN. EMBED, f'c=3000 PSI
TYPE "A1": 5/16" DIA. ULTRACON BY "DEWALT" (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE WITH 2" MIN. EMBED, f'c=3515 PSI
TYPE "A2": 3/8" DIA. SCREW-BOLT BY "DEWALT" (Fu=120 KSI, Fy= 92 KSI)
DIRECTLY INTO CONCRETE WITH 1-1/2" MIN. EMBED, f'c=3000 PSI

- TYPE "B": 1/4" DIA. DRILL FLEX OR SELF DRILLING SCREWS (Fu=92 KSI, Fy=120 KSI)
TYPE "B1": 5/16" DIA. DRILL FLEX OR SELF DRILLING SCREWS (Fu=92 KSI, Fy=120 KSI)
TYPE "B2": 3/8" DIA. TAP-FLEX (Fu=120 KSI, Fy= 92 KSI)

INTO METAL STRUCTURES OR APPROVED MULLIONS
STEEL: 1/8" THICK MIN. (Fy = 36 KSI MIN.)
ALUMINUM: 1/8" THICK MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

AT JAMBS

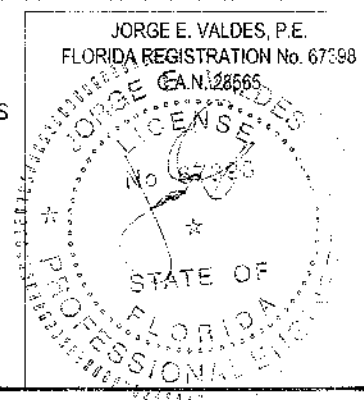
1/4" DIA. ULTRACON BY "DEWALT" (Fu=164 KSI, Fy=148 KSI)
THRU 1BY BUCKS, 1-3/4" MIN. CONC. OR MASONRY EMBEDMENT
DIRECTLY INTO CONCRETE OR MASONRY WITH 1-3/4" MIN. EMBED

1/4" DIA. DRILL FLEX OR SELF DRILLING SCREWS (Fu=92 KSI, Fy=120 KSI)
INTO METAL STRUCTURES OR APPROVED MULLIONS
STEEL: 1/8" THICK MIN. (Fy = 36 KSI MIN.)
ALUMINUM: 1/8" THICK MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE:
INTO CONCRETE = 2-1/2" MIN. FOR 1/4" DIA. ANCHORS
= 3-1/8" MIN. FOR 5/16" DIA. ANCHORS
= 2-3/8" MIN. FOR 3/8" DIA. SCREW-BOLTS
INTO METAL STRUCTURES = 3/4" MIN.

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

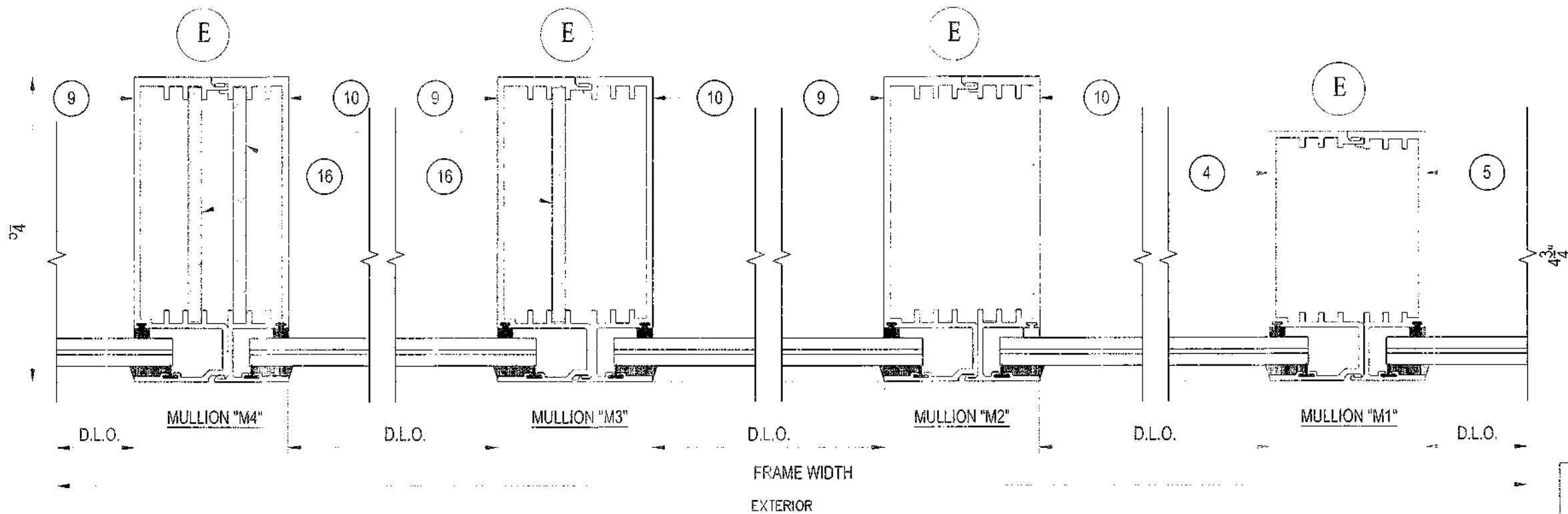
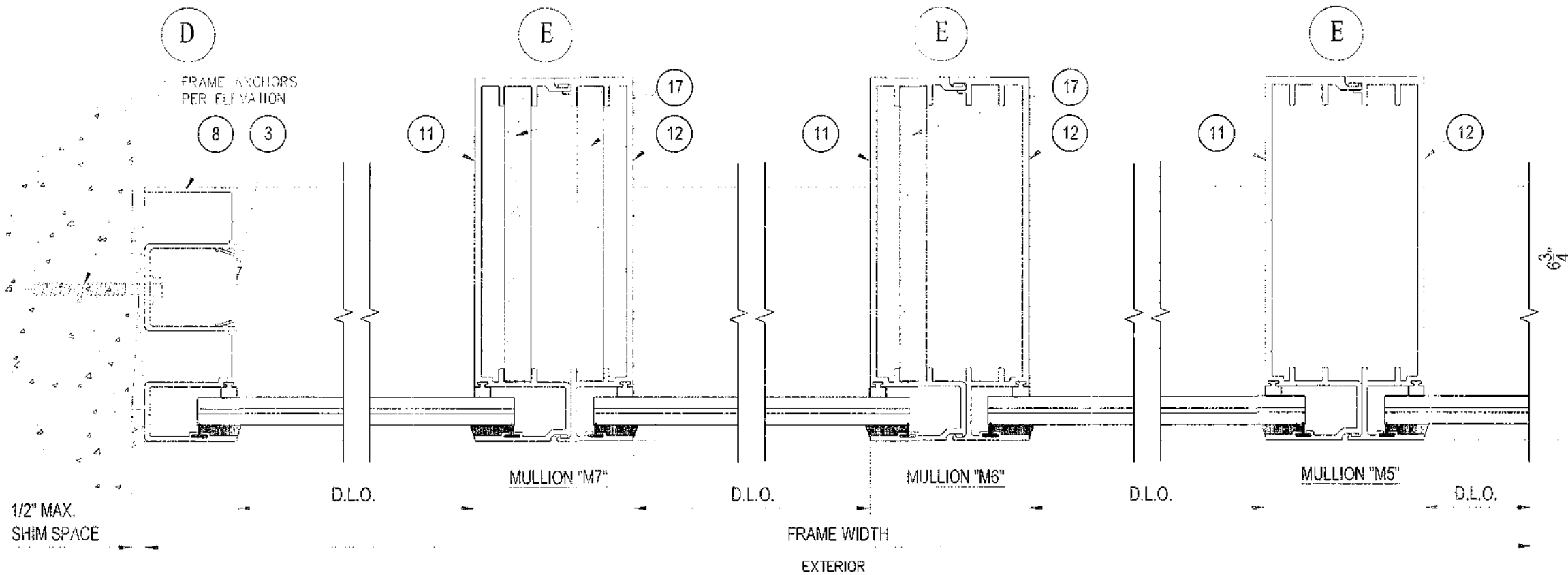
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **22-0613.02**
Expiration Date: **12/11/2024**
By: *Manuel Perez*
Miami-Dade Product Control



Miami Wall Systems, Inc.
701 WEST 25TH STREET
HIALEAH, FLORIDA, 33010
TEL: (305) 888-2300 FAX: (305) 888-3058

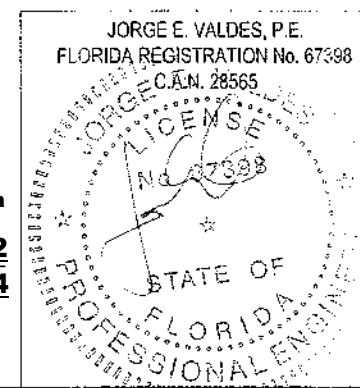
SERIES 101
ALUMINUM WINDOW WALL SYSTEM
(S.M.I.)

REV.	DATE	DESCRIPTION
1	10/25/19	UPDATE TO 2017 FBC
2	03/05/21	UPDATE TO 2020 FBC
3	04/06/22	NOA REVISION
DATE: 10/21/2014		
SCALE: AS NOTED		
DWG. BY: RP		
CHK. BY: JV		
DWG. NO.: 101-SMI		
SHEET 5 OF 11		



MULLION PROPERTIES AND DESIGN LOAD CAPACITY, SEE CHARTS "A", "B" & "C", SHEET 3 OF 11

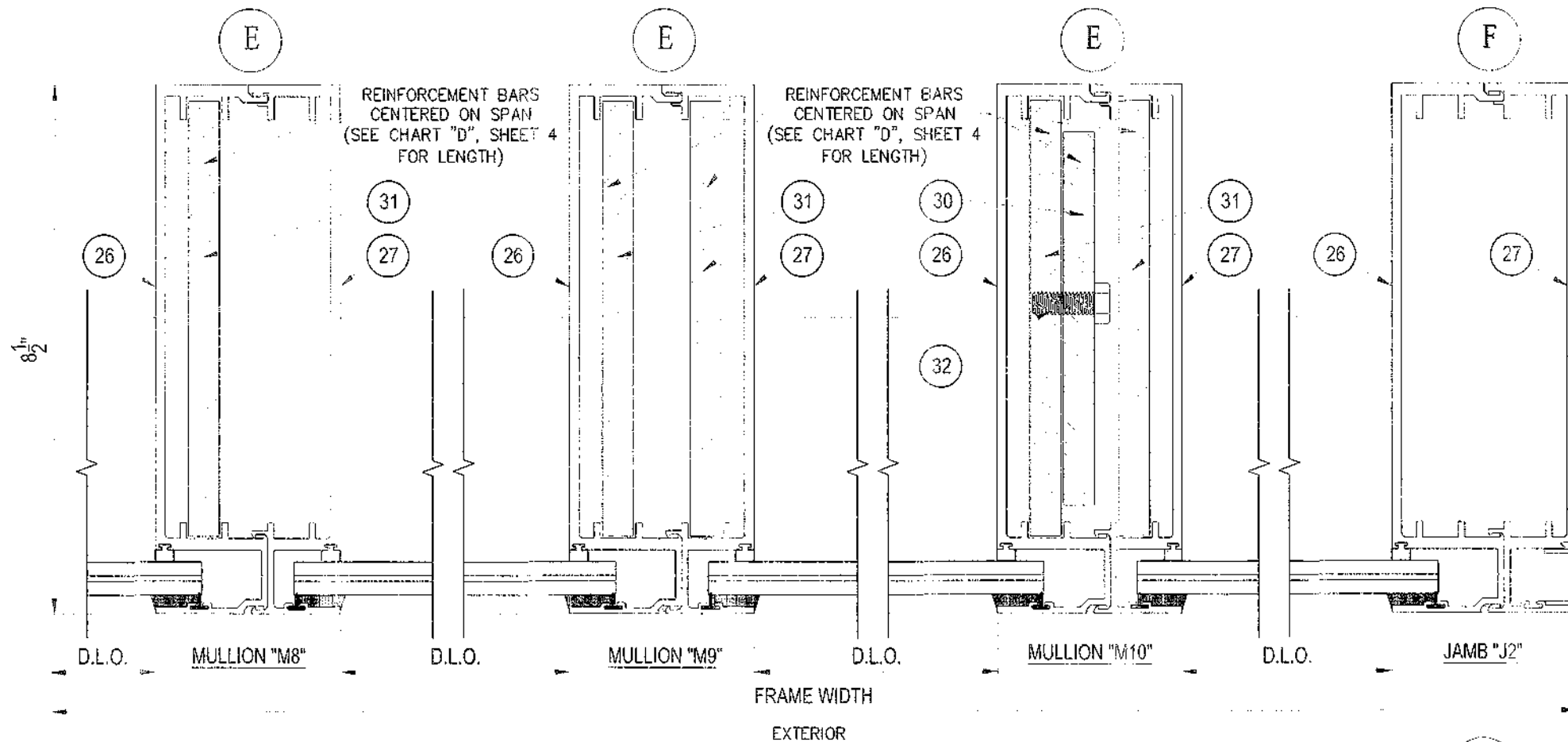
PRODUCT REVISED
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Building Code
NOA-No. **22-0613.02**
Expiration Date: **12/11/2024**
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Miami-Dade Product Control



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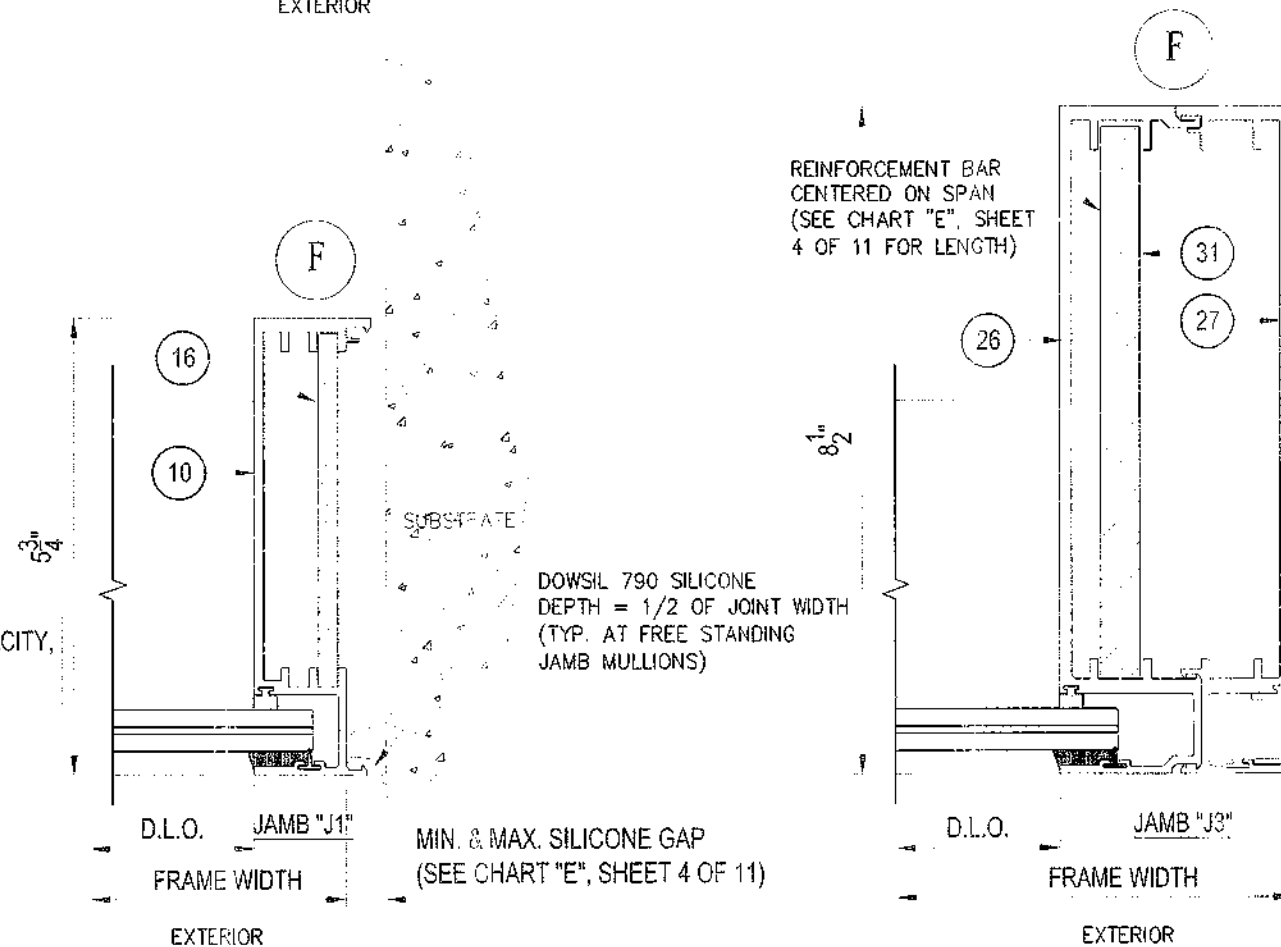
SERIES 101
ALUMINUM WINDOW WALL SYSTEM
(S.M.I.)

REV	DATE	DESCRIPTION
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SCALE:	AS NOTED	
DWG. BY:	RP	
CHK. BY:	JV	
DWG. NO.:	101-SMI	
SHEET	6	OF 11



MULLION PROPERTIES AND DESIGN LOAD CAPACITY,
SEE CHART "D", SHEET 4 OF 11

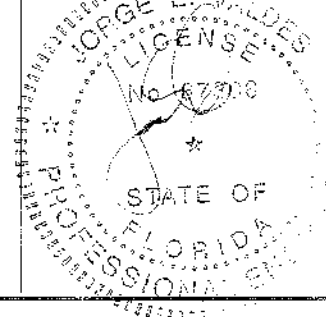
FREE STANDING JAMB PROPERTIES AND DESIGN LOAD CAPACITY,
SEE CHART "E", SHEET 4 OF 11



PRODUCT REVISED
as complying with the Florida
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NOA-No. **22-0613.02**
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By: *Manuel Perez*
Miami-Dade Product Control

DOWSIL 790 SILICONE
DEPTH = 1/2 OF JOINT WIDTH
(TYP. AT FREE STANDING JAMB MULLIONS)

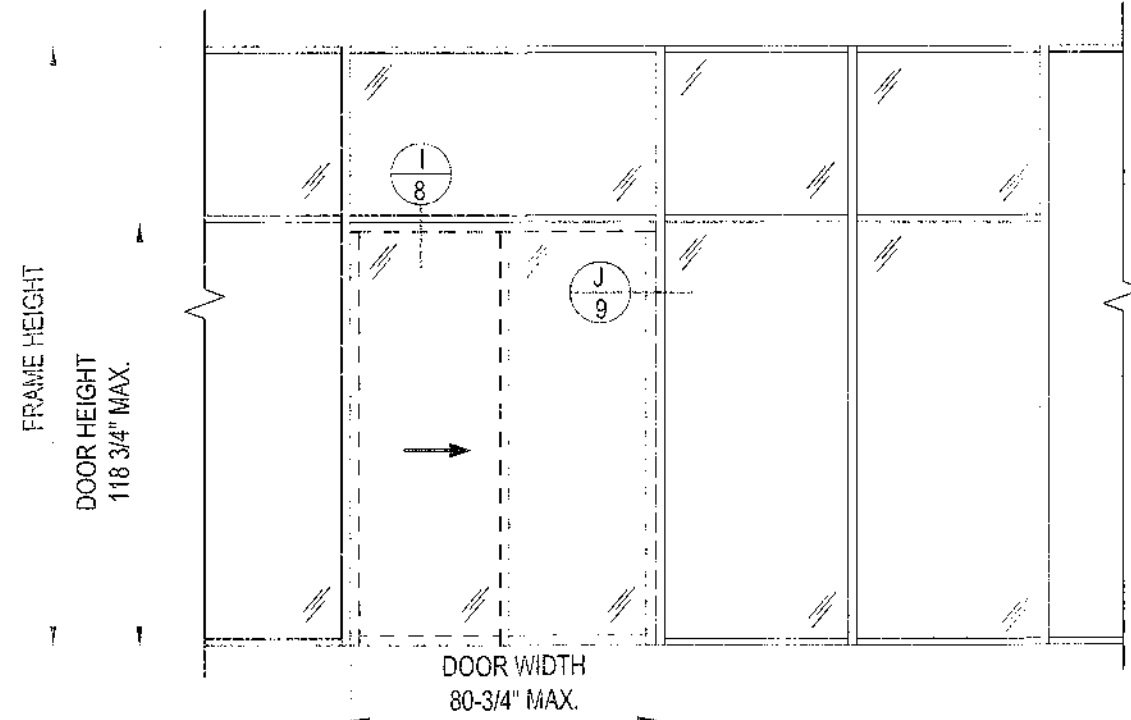
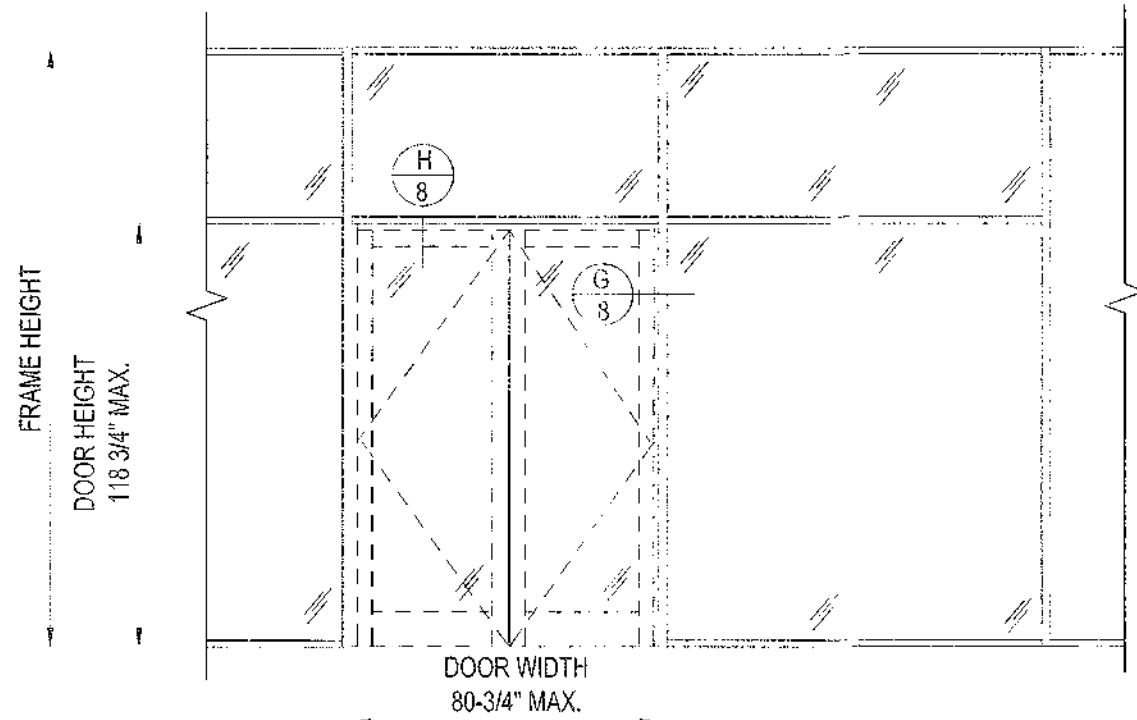
JORGE E. VALDES, P.E.
FLORIDA REGISTRATION No. 67398
CEN 28565



Miami Wall Systems, Inc.
701 WEST 25TH STREET
HIALEAH, FLORIDA, 33010
TEL: (305) 888-2300 FAX: (305) 888-3056

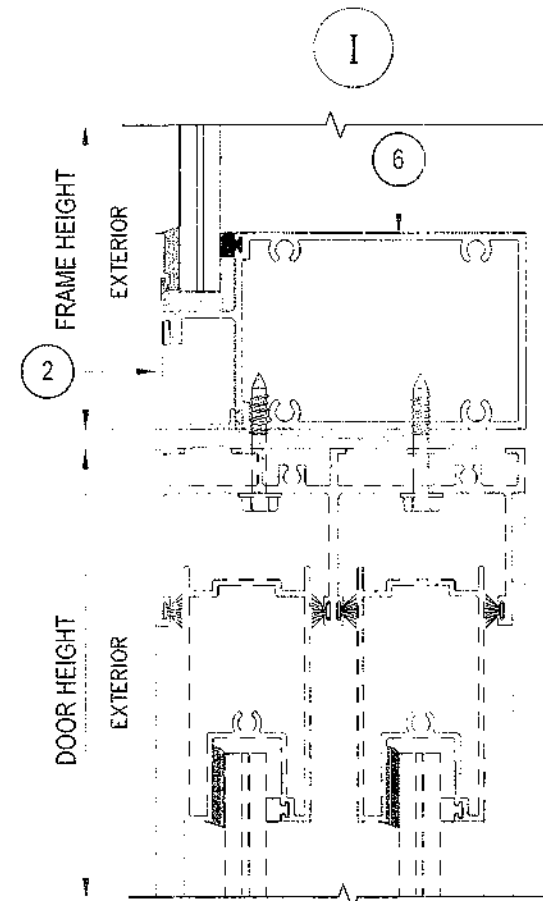
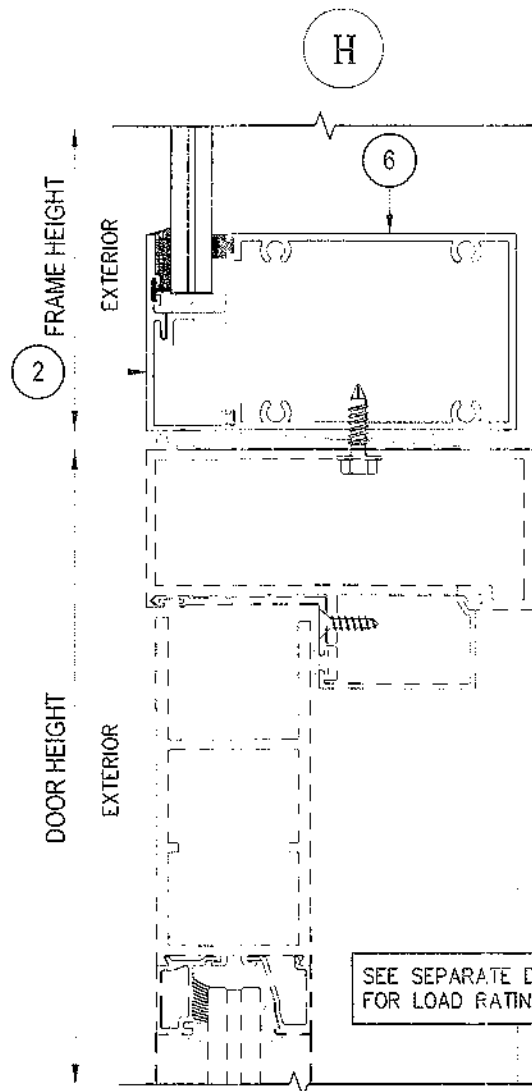
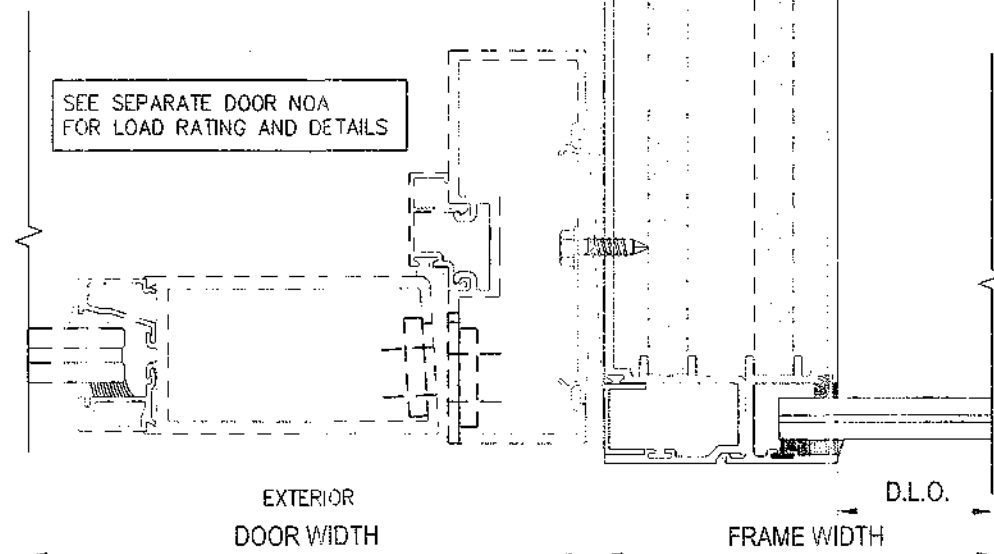
SERIES 101
ALUMINUM WINDOW WALL SYSTEM
(S.M.I.)

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DWG. BY: RP		
CHK. BY: JV		
DWG. NO.: 101-SMI		
SHEET 7 OF 11		



26 OR 11 OR 9 OR 4
5 OR 10 OR 12 OR 27

SEE MULLION LOAD CAPACITY
ON SHEET 3 AND 4



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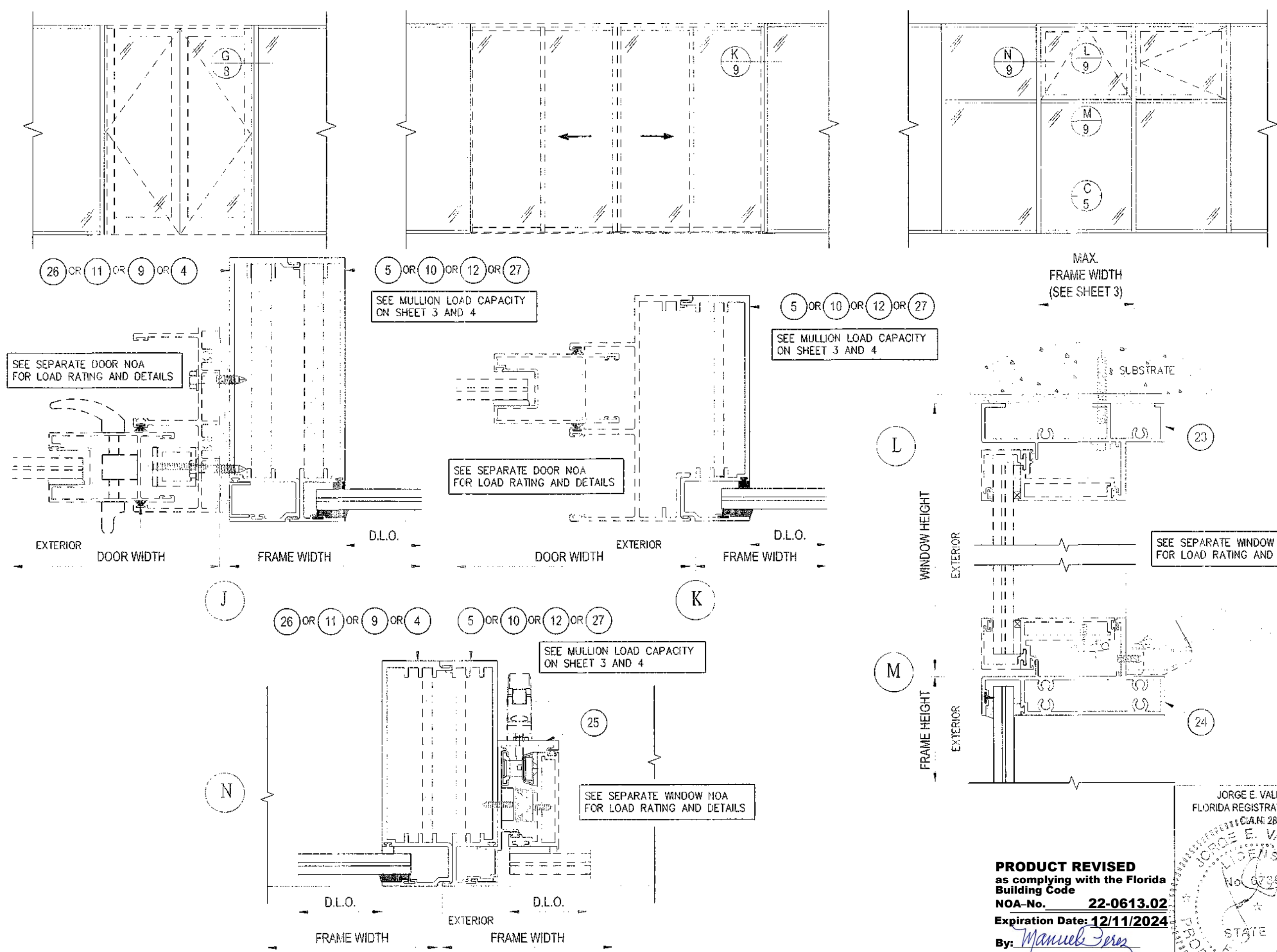
JORGE E. VALDES, P.E.
FLORIDA REGISTRATION No. 67398
C.A.N. 28565

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Miami Wall Systems, Inc.
701 WEST 25TH STREET
HIALEAH, FLORIDA, 33010
TEL: (305) 588-2300 FAX: (305) 883-3056

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ALUMINUM WINDOW WALL SYSTEM
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DWG. BY:	RP	
CHK. BY:	JV	
DWG. NO.:	101-SM	
SHEET	8 OF 11	



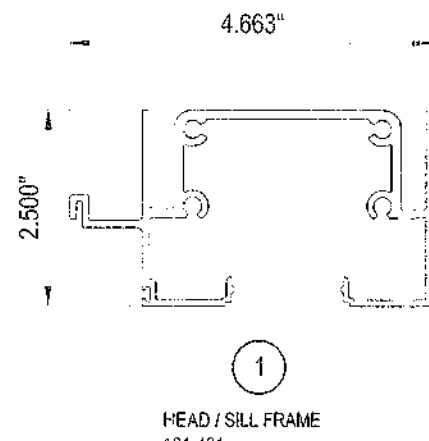
Miami Wall Systems, Inc.
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 HIALEAH, FLORIDA, 33010
 TEL: (305) 588-2300 FAX: (305) 386-3056

SERIES 101
ALUMINUM WINDOW WALL SYSTEM
(S.M.I.)

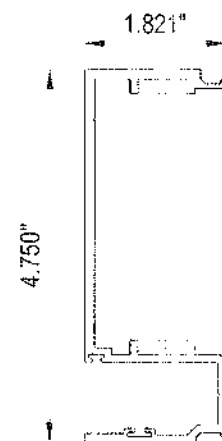
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CHK. BY: JV		
DWG. NO.: 101-SMI		
SHEET 9 OF 11		

PRODUCT REVISED
 as complying with the Florida
 Building Code
NOA-No. 22-0613.02
 Expiration Date: **12/11/2024**
 By: *Manuel Fern*
 Miami-Dade Product Control

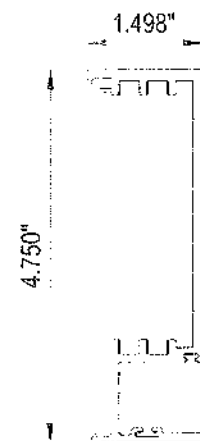
JORGE E. VALDES, P.E.
 FLORIDA REGISTRATION No. 67398
 License No. 28565
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER



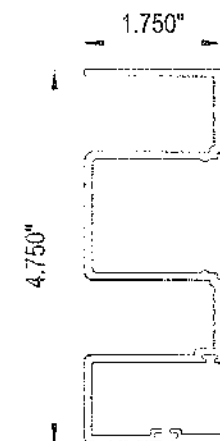
1
HEAD / SILL FRAME
101-401
TYP. WALL THK = 0.078"
ALUM. ALLOY 6063-T6



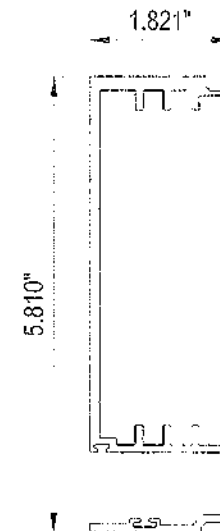
4
MALE VERTICAL MULLION
101-404
TYP. WALL THK = 0.125"
ALUM. ALLOY 6063-T6



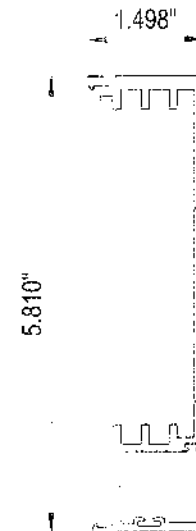
5
FEMALE VERTICAL MULLION
101-405
TYP. WALL THK = 0.125"
ALUM. ALLOY 6063-T6



8
JAMB FRAME
101-408
TYP. WALL THK = 0.100"
ALUM. ALLOY 6063-T6



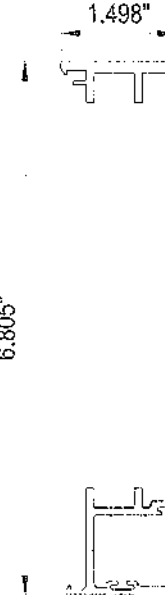
9
MEDIUM MALE VERTICAL MULLION
101-409
TYP. WALL THK = 0.125"
ALUM. ALLOY 6063-T6



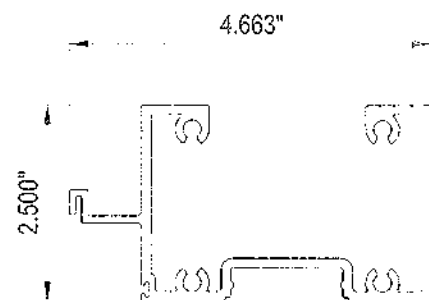
10
MEDIUM FEMALE VERTICAL MULLION
101-410
TYP. WALL THK = 0.125"
ALUM. ALLOY 6063-T6



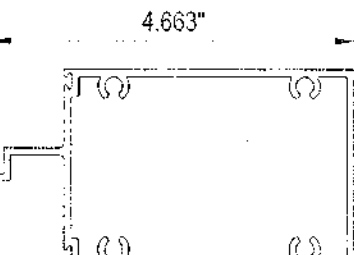
11
HEAVY MALE VERTICAL MULLION
101-411
TYP. WALL THK = 0.125"
ALUM. ALLOY 6063-T6



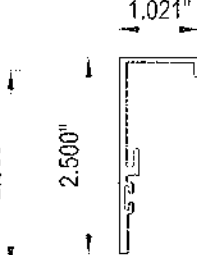
12
HEAVY FEMALE VERTICAL MULLION
101-412
TYP. WALL THK = 0.125"
ALUM. ALLOY 6063-T6



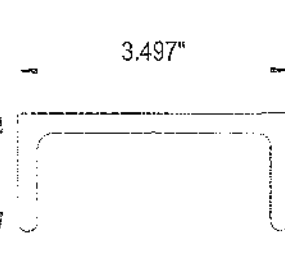
28
ALTERNATE HEAD FRAME
101-417
TYP. WALL THK = 0.078"
ALUM. ALLOY 6063-T6



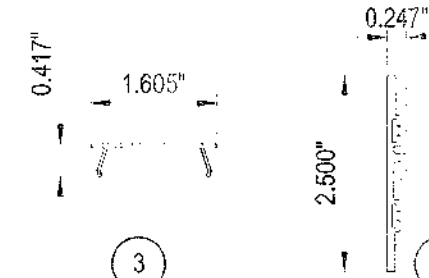
6
HORIZONTAL MEETING RAIL
101-406
TYP. WALL THK = 0.078"
ALUM. ALLOY 6063-T6



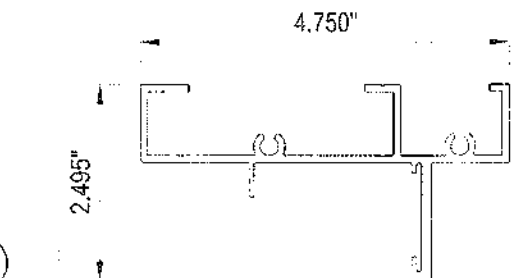
2
FRAME GLAZING BEAD
101-402
TYP. WALL THK = 0.110"
ALUM. ALLOY 6063-T6



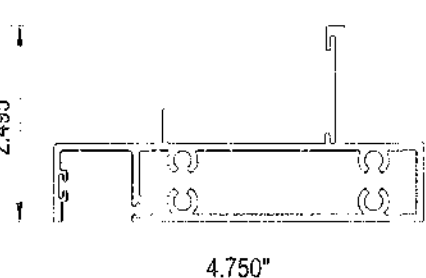
13
CHANNEL
101-413
TYP. WALL THK = 0.250"
ALUM. ALLOY 6005A-T61



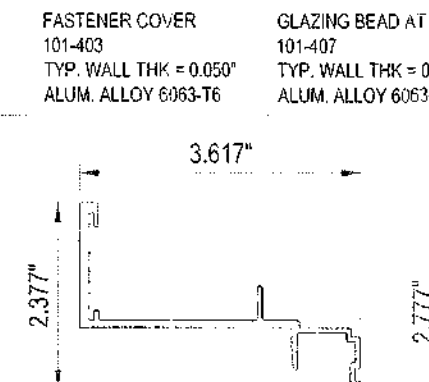
3
FASTENER COVER
101-403
TYP. WALL THK = 0.050"
ALUM. ALLOY 6063-T6



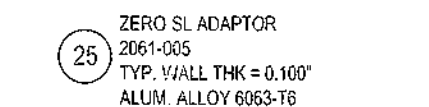
7
GLAZING BEAD AT MTG. RAIL
101-407
TYP. WALL THK = 0.110"
ALUM. ALLOY 6063-T6



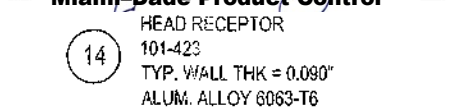
23
ZERO SL FRAME
2061-001
TYP. WALL THK = 0.093"
ALUM. ALLOY 6063-T6



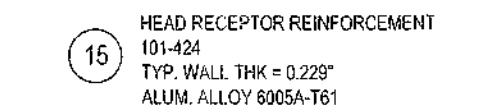
24
ZERO SL MEETING RAIL
2061-002
TYP. WALL THK = 0.093"
ALUM. ALLOY 6063-T6



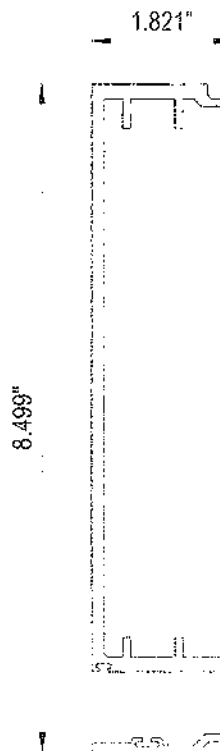
25
ZERO SL ADAPTOR
2061-005
TYP. WALL THK = 0.100"
ALUM. ALLOY 6063-T6



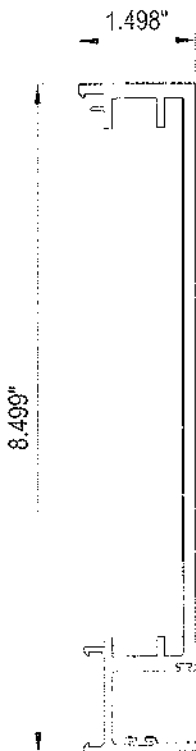
14
HEAD RECEPTOR
101-423
TYP. WALL THK = 0.090"
ALUM. ALLOY 6063-T6



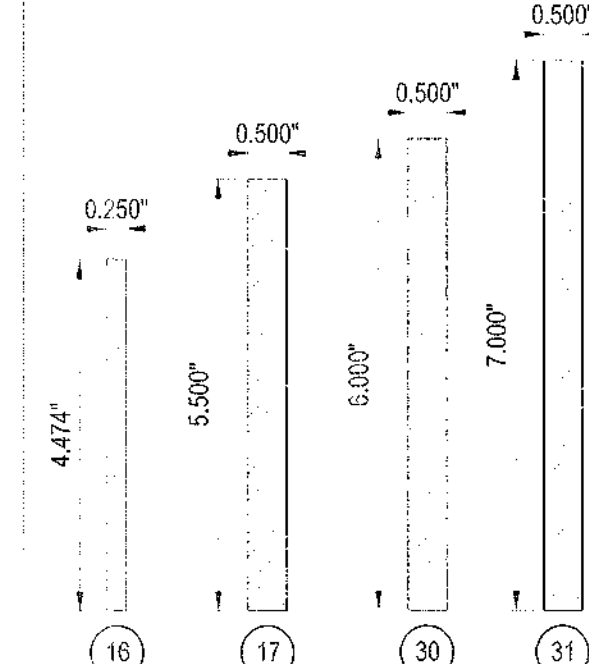
15
HEAD RECEPTOR REINFORCEMENT
101-424
TYP. WALL THK = 0.229"
ALUM. ALLOY 6005A-T61



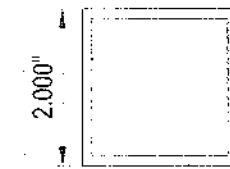
26
EXTRA HEAVY
MALE VERTICAL MULLION
101-414
TYP. WALL THK = 0.156"
ALUM. ALLOY 6063-T6



27
EXTRA HEAVY
FEMALE VERTICAL MULLION
101-415
TYP. WALL THK = 0.156"
ALUM. ALLOY 6063-T6

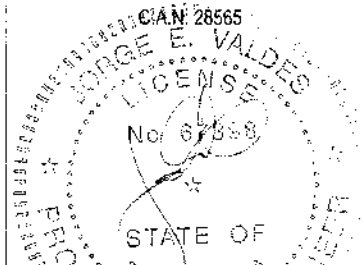


16
17
30
31
REINFORCEMENT BARS
STEEL A36



29
SQUARE TUBE
TYP. WALL THK = 0.125"
ALUM. ALLOY 6063-T6

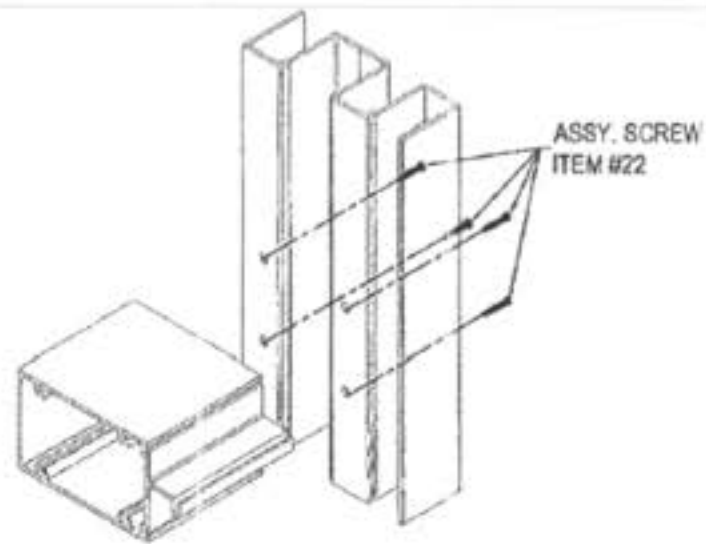
JORGE E. VALDES, P.E.
FLORIDA REGISTRATION No. 67398



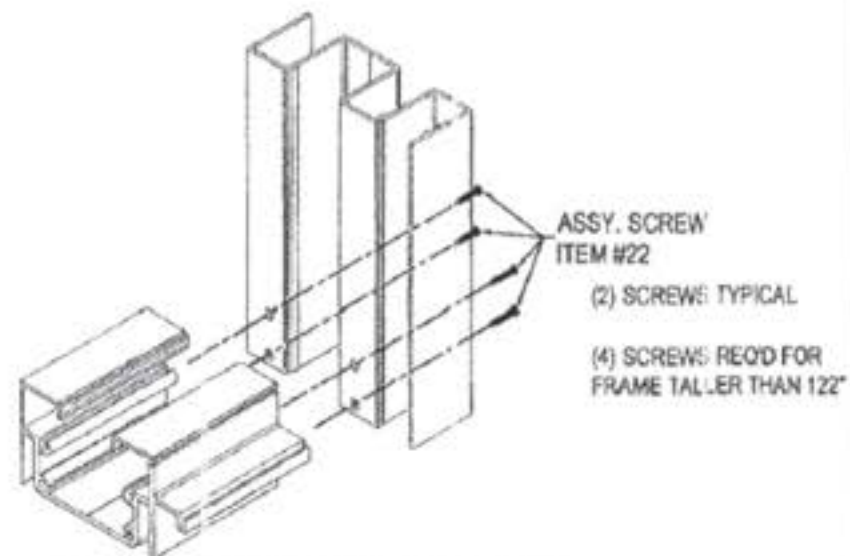
Miami Wall Systems, Inc.
701 WEST 25TH STREET
HIALEAH, FLORIDA 33010
TEL: (305) 886-2300 FAX: (305) 886-3058

SERIES 101
ALUMINUM WINDOW WALL SYSTEM
(S.M.I.)

REV	DATE	DESCRIPTION
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DATE: 10/21/2014		
SCALE: AS NOTED		
DWG. BY: RP		
CHK. BY: JV		
DWG. NO.: 101-SM1		
SHEET 10 OF 11		



MEETING RAIL ASSEMBLY DETAIL



FRAME CORNER ASSEMBLY DETAIL

BILL OF MATERIALS

ITEM	PART No.	DESCRIPTION	REMARKS
1	101-401	FRAME HEAD / SILL	FRAME
2	101-402	FRAME GLAZING BEAD	FRAME
3	101-403	FASTENER COVER	FRAME
4	101-404	MALE VERTICAL MULLION	-
5	101-405	FEMALE VERTICAL MULLION	-
6	101-406	HORIZONTAL MEETING RAIL	FRAME
7	101-407	GLAZING BEAD FOR MEETING RAIL	FRAME
8	101-408	FRAME JAMB	FRAME
9	101-409	MEDIUM MALE VERTICAL MULLION	FRAME
10	101-410	MEDIUM FEMALE VERTICAL MULLION	FRAME
11	101-411	HEAVY MALE VERTICAL MULLION	FRAME
12	101-412	HEAVY FEMALE VERTICAL MULLION	FRAME
13	101-413	CHANNEL (MILL FINISH)	AT FRAME HEAD (SEE ELEV. FOR LOCATION)
14	101-423	HEAD RECEPTOR	AT FRAME HEAD
15	101-424	HEAD RECEPTOR REINFORCEMENT	-
16	-	1/2" x 4 1/2" REINFORCEMENT EAR	-
17	-	1/2" x 5 1/2" REINFORCEMENT EAR	-
18	G-101-01	SPACER	FOR 9/16" LAMINATED GLASS
19	SILICONE	TREMCO PROGLAZE®, DOWSIL® 983, DOWSIL® 795	AT EXTERIOR PERIMETER GLAZING
20	G-101-02	BACKER FLAP	(SEE GLAZING DETAILS)
21	-	1/4" x 1/2" x 4" LONG SETTING BLOCK	-
22	-	#14 x 1 1/2" HH. SMS.	-
23	2061-001	ZERO S.L. FRAME	-
24	206-002	ZERO S.L. MEETING RAIL	-
25	2061-005	ZERO S.L. ADAPTOR	-
26	101-414	EXTRA HEAVY MALE VERTICAL MULLION	FRAME
27	101-415	EXTRA HEAVY FEMALE VERTICAL MULLION	FRAME
28	101-417	ALTERNATE FRAME HEAD	FRAME
29	-	2" x 2" SQUARE TUBE (MILL FINISH)	AT ALTERNATE FRAME HEAD
30	-	1/2" x 6" REINFORCEMENT BAR	-
31	-	1/2" x 7" REINFORCEMENT BAR	-
32	-	3/8"-16 x 1" LG. HH. SS. MS.	AT MULLION "M10", SECURING STEEL BARS

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Miami-Dade Product Control



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TEL: (305) 888-2300 FAX: (305) 888-3058

SERIES 101
ALUMINUM WINDOW WALL SYSTEM
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DESCRIPTION

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UPDATE TO 2020 FBC
NOA REVISION

REV. DATE

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