



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
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

Aldora Aluminum & Glass Products, Inc.

4250 Coral Ridge Drive

Coral Springs, FL 33065

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 "Front Set" Aluminum Window Wall System – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W14-12**, titled "Series Front Set Alum Window Wall Sys. (L.M.I.)", sheets 1, 1.1, 2, 3, 3.1, 4, 5, 6, 7, 7.1, 8, 9, 10, 10.1, 11, 11.1, 11.2, 11.3 and 12 through 19 of 19, dated 03/21/14, with revision **E** dated 06/25/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, 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.

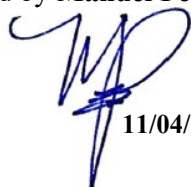
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 No. 19-1001.15** and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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




11/04/20

NOA No. 20-0910.06
Expiration Date: July 03, 2024
Approval Date: November 12, 2020
Page 1

Aldora Aluminum & Glass Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

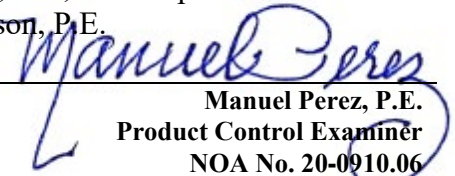
1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 14-0415.06)
2. Drawing No. **W14-12**, titled "Series Front Set Alum Window Wall Sys. (L.M.I.)", sheets 1, 1.1, 2, 3, 3.1, 4, 5, 6, 7, 7.1, 8, 9, 10, 10.1, 11, 11.1, 11.2, 11.3 and 12 through 19 of 19, dated 03/21/14, with revision **D** dated 11/04/19, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under NOA No. 19-1001.15)

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
along with marked-up drawings and installation diagram of a Series FS300 aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-10679**, dated 04/24/19, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 19-1001.15)
2. Test reports on: 1) Air Infiltration Test per FBC, TAS 202-94
2) Uniform Static Air Pressure Test Loading per FBC, TAS 202-94
3) Water Resistance Test per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
along with marked-up drawings and installation diagram of a series "Summit" aluminum outswing doors, prepared by Blackwater Testing, Inc., Test Report No. **BT-ALD-17-001**, dated 03/23/18 and revised and re-issued on 11/12/19, signed and sealed by Constantin Bortes, P.E.
(Submitted under NOA No. 19-1001.15)
3. 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 an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7140** dated 11/27/13, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under NOA No. 14-0415.06)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 20-0910.06
Expiration Date: July 03, 2024
Approval Date: November 12, 2020

Aldora Aluminum & Glass Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

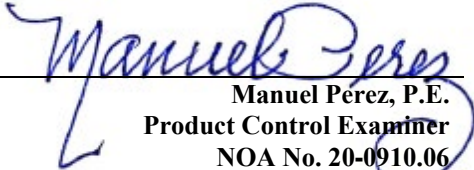
1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

B. TESTS (CONTINUED)

4. 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
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-7641**, dated 03/18/14, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under NOA No. 14-0415.06)
5. 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
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-7698**, dated 03/18/14, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under NOA No. 14-0415.06)
6. 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 an aluminum window wall system, prepared by Blackwater Testing, Inc., Test Report No. **BT-ALD-15-005**, dated 10/28/15 and 02/23/16, both signed and sealed by Yamil Gerardo Kuri, P.E.
(Submitted under NOA No. 17-0201.04)
7. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a window wall system, prepared by Blackwater Testing, Inc., Test Report No. **BT-ALD-15-008**, dated 02/23/16, signed and sealed by Yamil Gerardo Kuri, P.E.
(Submitted under NOA No. 17-0201.04)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, dated 09/24/19, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under NOA No. 19-1001.15)
2. Glazing complies with **ASTM E1300-09**.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 20-0910.06
Expiration Date: July 03, 2024
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Aldora Aluminum & Glass Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

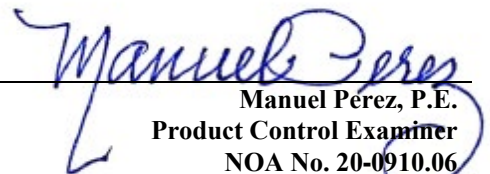
1. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 12/28/17, expiring on 07/04/23.
2. Notice of Acceptance No. **19-0221.01** issued to **Allnex USA, Inc.** for their "**Uveköl® S Laminated Glass Interlayer**", dated 03/28/19, expiring on 02/08/24.
3. Notice of Acceptance No. **17-0712.05** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 09/07/17, expiring on 05/21/21.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, and of no financial interest, dated September 24, 2019, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under NOA No. 19-1001.15)
2. Laboratory compliance letter for Test Reports No. **BT-ALD-15-005**, dated 10/28/15 and **BT-ALD-15-008**, dated 02/23/16, both issued by Blackwater Testing, Inc., both signed and sealed by Yamil Gerardo Kuri, P.E.
(Submitted under NOA No. 17-0201.04)
3. Proposal No. **12-1644** issued by the Product Control Section, dated September 10, 2012, signed by Manuel Perez, P.E.
(Submitted under NOA No. 14-0415.06)

G. OTHERS

1. Notice of Acceptance No. **19-0124.06**, issued to Aldora Aluminum & Glass Products, Inc. for their Series "Front Set" Aluminum Window Wall System – L.M.I., approved on 02/21/19 and expiring on 07/03/24.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 20-0910.06

Expiration Date: July 03, 2024

Approval Date: November 12, 2020

Aldora Aluminum & Glass Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **W14-12**, titled “Series Front Set Alum Window Wall Sys. (L.M.I.)”, sheets 1, 1.1, 2, 3, 3.1, 4, 5, 6, 7, 7.1, 8, 9, 10, 10.1, 11, 11.1, 11.2, 11.3 and 12 through 19 of 19, dated 03/21/14, with revision **E** dated 06/25/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 01/26/17, with **FBC 6th Edition (2017)**, dated 10/24/17 and updated on 07/22/20 to comply with **FBC 7th Edition (2020)**, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

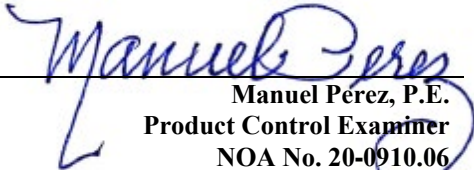
1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 05/09/19, expiring on 07/08/24.
2. Notice of Acceptance No. **18-0725.11** issued to **Kuraray America, Inc.** for their “**Kuraray SentryGlas® Xtra™ (SGX™) Clear Glass Interlayer**” dated 05/23/19, expiring on 05/23/24.

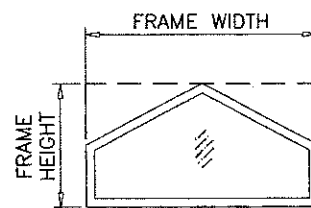
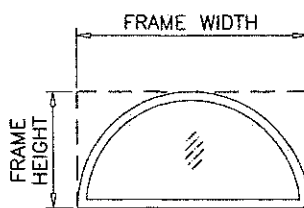
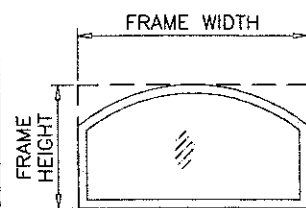
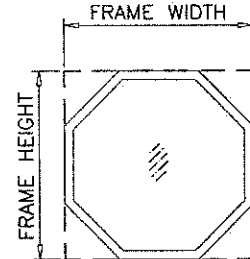
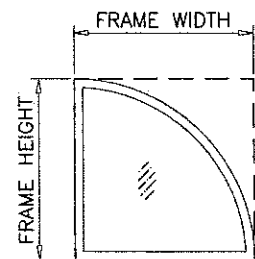
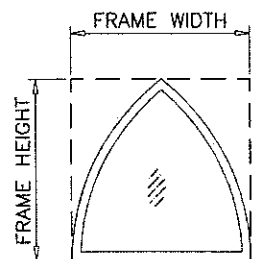
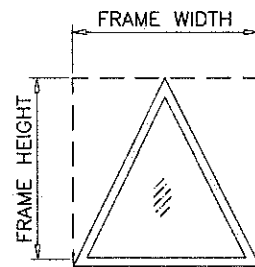
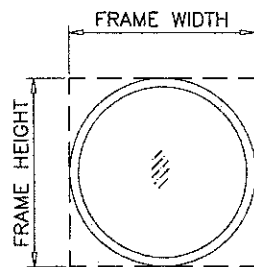
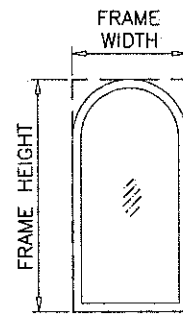
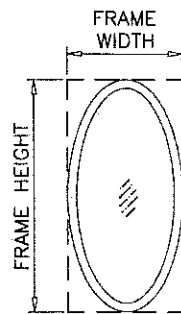
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, with **FBC 7th Edition (2020)** and of no financial interest, dated July 22, 2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

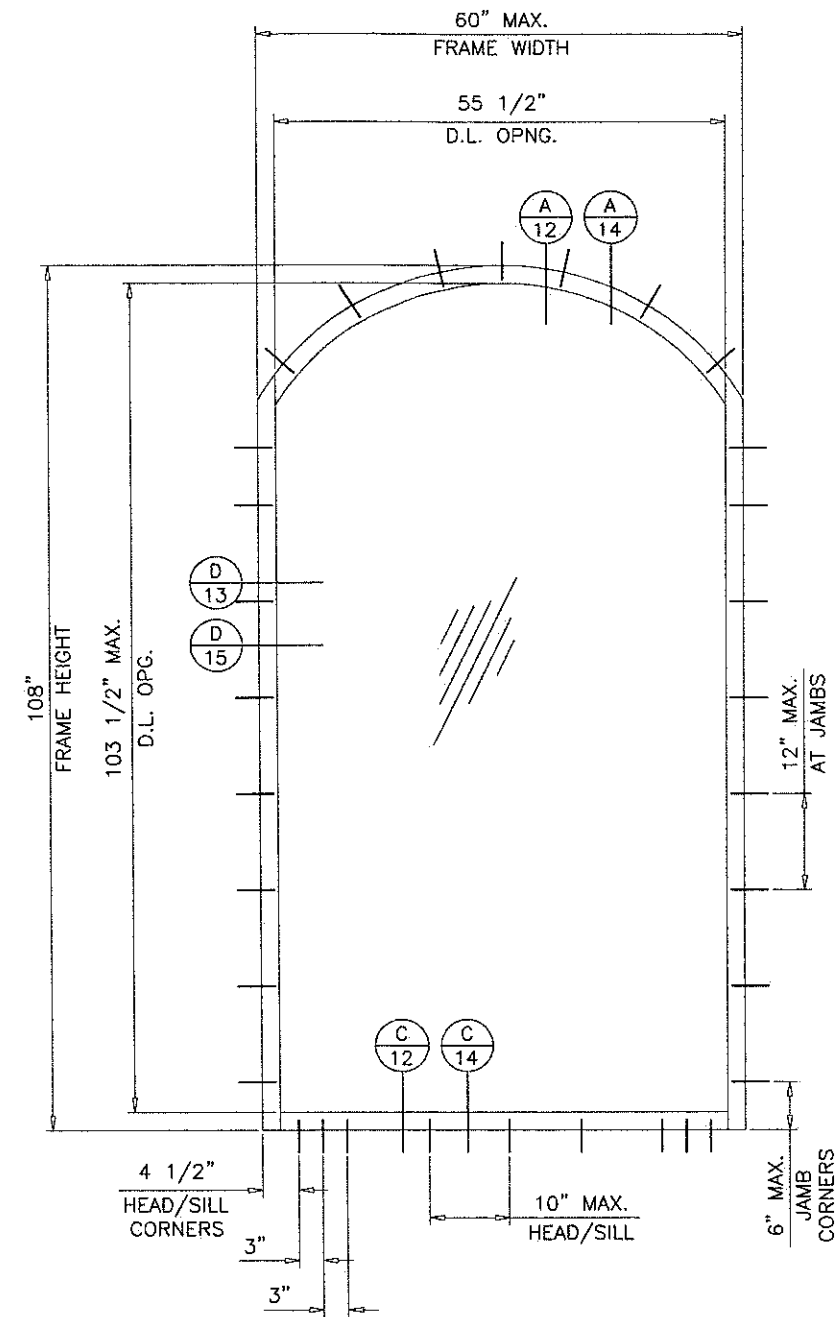
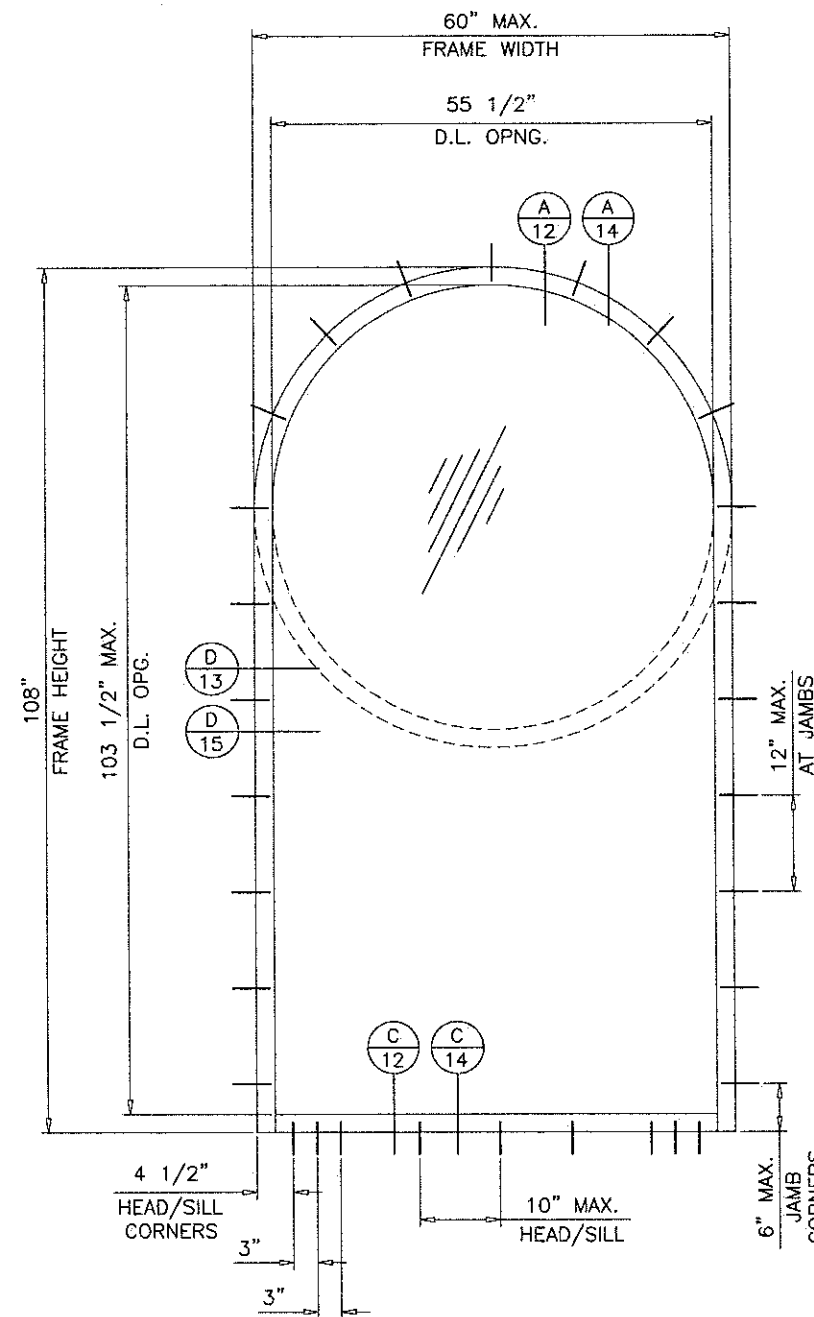
G. OTHERS

1. Notice of Acceptance No. **19-1001.15**, issued to Aldora Aluminum & Glass Products, Inc. for their Series “Front Set” Aluminum Window Wall System – L.M.I., approved on 11/27/19 and expiring on 07/03/24.

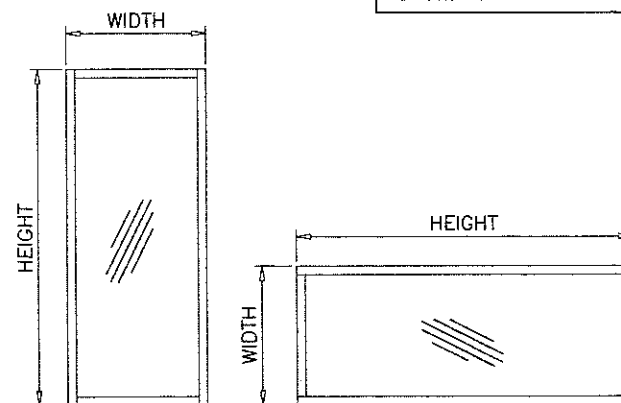

Manuel Pérez, P.E.
Product Control Examiner
NOA No. 20-0910.06
Expiration Date: July 03, 2024
Approval Date: November 12, 2020



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES. INSTALLATION ANCHORS AT 4-1/2" FROM FRAME CORNERS AND 10" O.C. MAX.



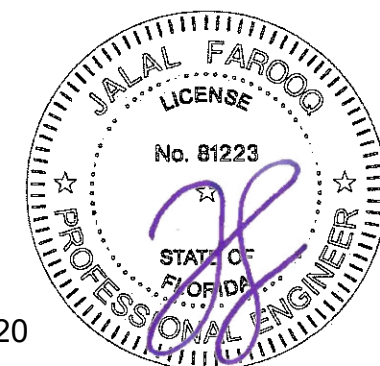
GLASS TYPE 'G3' & 'G4'
MAXIMUM DESIGN LOAD RATING = + 80.0 PSF
(FOR SHAPES AND SIZE SHOWN ON THIS SHEET ONLY)
- 100.0 PSF



NOTE:
WIDTH AND HEIGHT DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control

Sealed: 09/09/2020

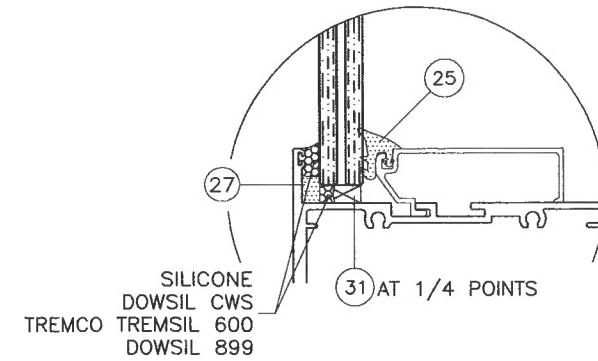
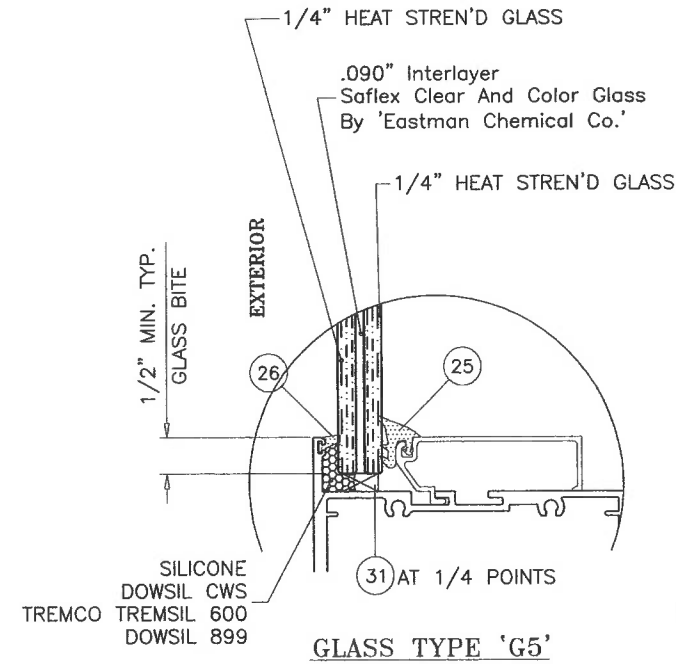
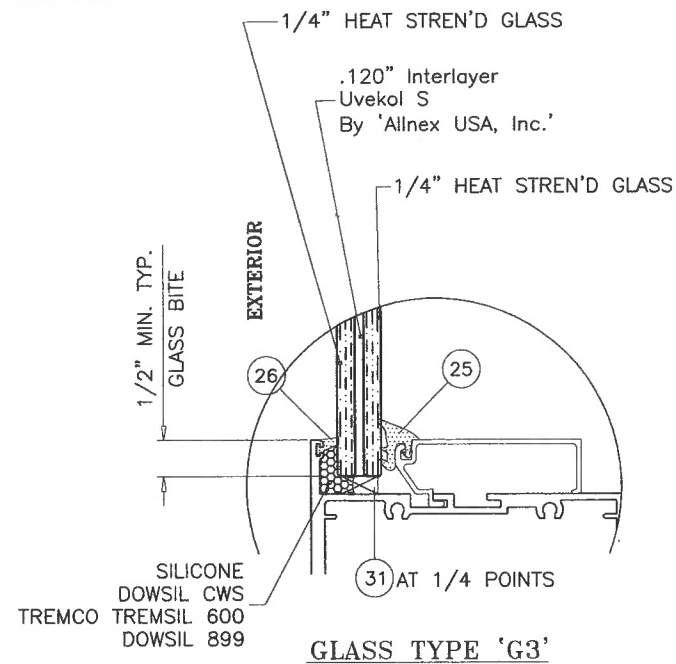
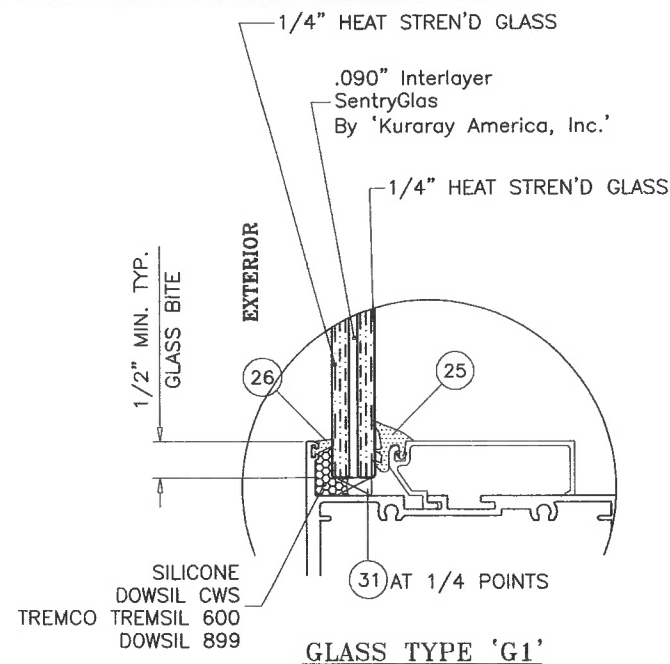


AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W14-12AGP

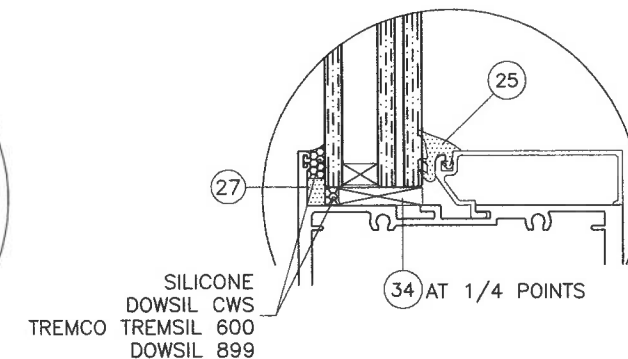
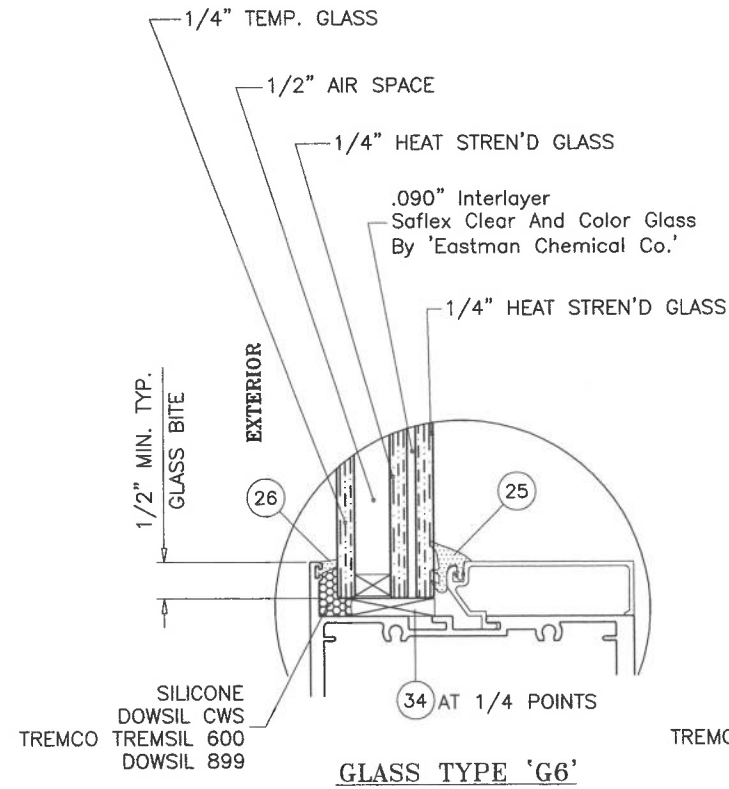
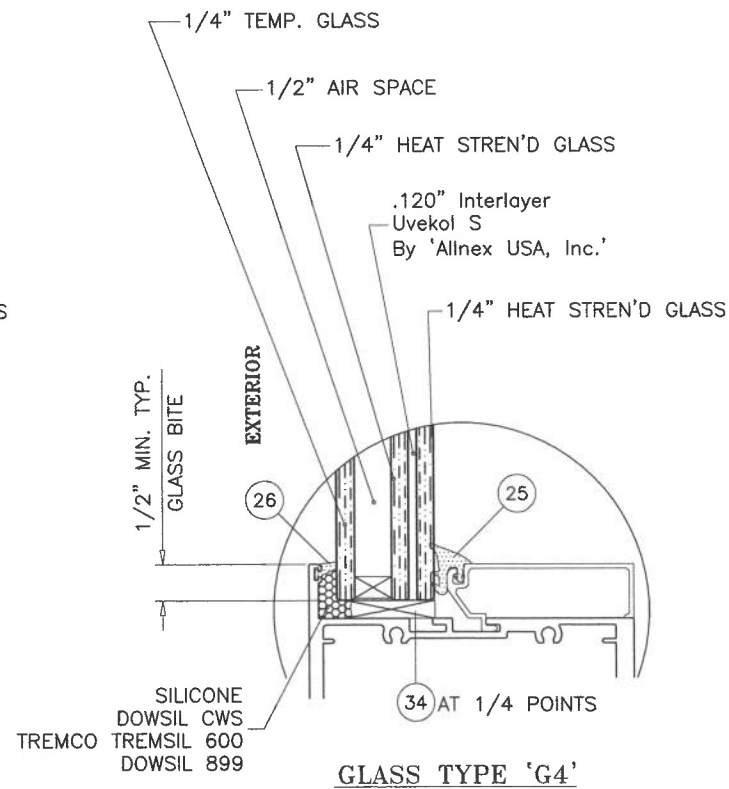
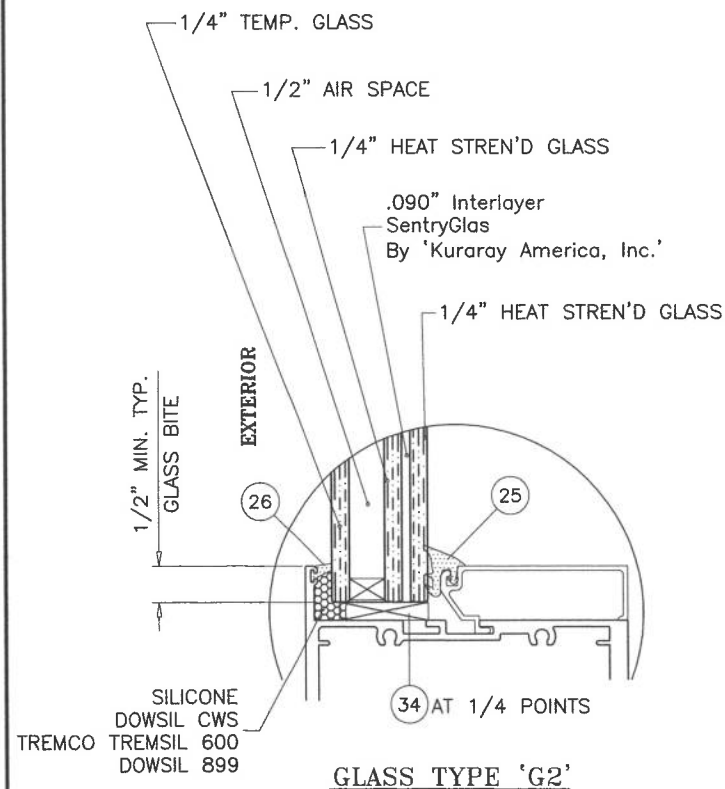
SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

| revisions: | |
|------------|-------------------------------|
| no | date by description |
| A | 01.20.17 GENERAL REVISION |
| B | 10.05.17 NO CHANGE THIS SHEET |
| C | 06.26.19 NO CHANGE THIS SHEET |
| D | 11.04.19 MANUF. ADDRESS REV. |
| E | 06.25.20 UPDATED TO 2020 FBC |

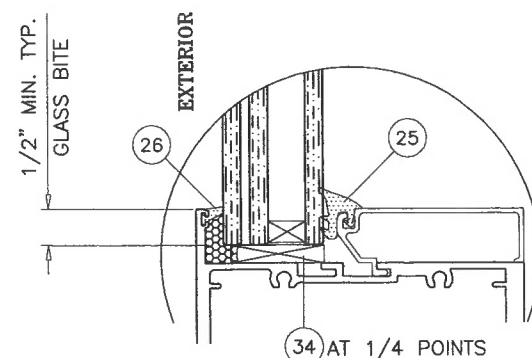
date: 03-21-14
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:
drawing no.
W14-12
sheet 1.1 of 19



ALTERNATE GLAZING DETAIL
OPTIONAL FOR GLASS TYPES 'G1', 'G3' & 'G5'



ALTERNATE GLAZING DETAIL
OPTIONAL FOR GLASS TYPES 'G2', 'G4' & 'G6'

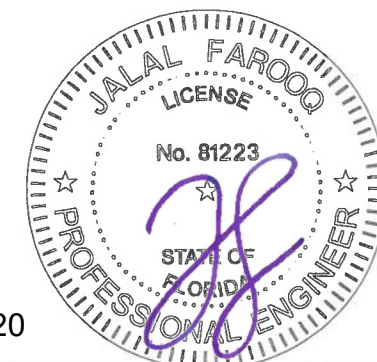


LAMINATED GLASS ON EXTERIOR
OPTIONAL FOR GLASS TYPES 'G2', 'G4' & 'G6'

1/2" AIR SPACE CONSISTING OF:
SPACER:
'PROFIGLASS' ALUMINUM SPACER
BY 'RAMAPO USA'
PERIMETER SEALANT:
SILICONE
DOWSIL CWS
DOWSIL 899
GE 2000
PECORA 895

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Torres*
Miami-Dade Product Control

Sealed: 09/09/2020



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W14-12AGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL. 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

| revisions: | no | date | by | description |
|------------|----|----------|----|-----------------------|
| | A | 01.20.17 | | GENERAL REVISION |
| | B | 10.05.17 | | REV. PER RER COMMENTS |
| | C | 06.26.19 | | GENERAL REVISION |
| | D | 11.04.19 | | MANUF. ADDRESS REV. |
| | E | 06.25.20 | | UPDATED TO 2020 FBC |

| | | | |
|----------------|----------|---------------|----------|
| date: 03-21-14 | scale: - | dr. by: TARIQ | chk. by: |
|----------------|----------|---------------|----------|

| | |
|-------------|---------|
| drawing no. | W14-12 |
| sheet | 2 of 19 |

| GLASS LOAD CAPACITY – PSF | | | | | | | |
|---------------------------|---------------|-------------|---------|-------------|---------|-------------|---------|
| NOMINAL DIMS. | | GLASS TYPES | | | | | |
| | | 'G1' & 'G2' | | 'G3' & 'G4' | | 'G5' & 'G6' | |
| D.L.O. WIDTH | D.L.O. HEIGHT | EXT.(+) | INT.(–) | EXT.(+) | INT.(–) | EXT.(+) | INT.(–) |
| 33" | 73–1/2" | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 36" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 39" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 42" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 45" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 48" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 51" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 54" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 57" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 60" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 63" | | 90.0 | 90.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 66" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 69" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 33" | 79–1/2" | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 36" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 39" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 42" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 45" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 48" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 51" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 54" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 57" | | 90.0 | 90.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 60" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 63" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 66" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 69" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 33" | 85–1/2" | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 36" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 39" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 42" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 45" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 48" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 51" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 54" | | 90.0 | 90.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 57" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 60" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 63" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 66" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 69" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 33" | 91–1/2" | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 36" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 39" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 42" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 45" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 48" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 51" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 54" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 57" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 60" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 63" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 66" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 69" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |

| GLASS LOAD CAPACITY – PSF | | | | | | | |
|---------------------------|---------------|-------------|---------|-------------|---------|-------------|---------|
| NOMINAL DIMS. | | GLASS TYPES | | | | | |
| | | 'G1' & 'G2' | | 'G3' & 'G4' | | 'G5' & 'G6' | |
| D.L.O. WIDTH | D.L.O. HEIGHT | EXT.(+) | INT.(–) | EXT.(+) | INT.(–) | EXT.(+) | INT.(–) |
| 33" | 97–1/2" | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 36" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 39" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 42" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 45" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 48" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 51" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 54" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 57" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 60" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 63" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 66" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 69" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 33" | 103–1/2" | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 36" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 39" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 42" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 45" | | 90.0 | 90.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 48" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 51" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 54" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 57" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 60" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 63" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 66" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 69" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 33" | 109–1/2" | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 36" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 39" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 42" | | 90.0 | 90.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 45" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 48" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 51" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 54" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 57" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 60" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 63" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 66" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 69" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 33" | 115–1/2" | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 36" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 39" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 42" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 45" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 48" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 51" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 54" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 57" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 60" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 63" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 66" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 69" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |

| GLASS LOAD CAPACITY – PSF | | | | | | | |
|---------------------------|---------------|-------------|---------|-------------|---------|-------------|---------|
| NOMINAL DIMS. | | GLASS TYPES | | | | | |
| | | 'G1' & 'G2' | | 'G3' & 'G4' | | 'G5' & 'G6' | |
| D.L.O. WIDTH | D.L.O. HEIGHT | EXT.(+) | INT.(–) | EXT.(+) | INT.(–) | EXT.(+) | INT.(–) |
| 33" | 121–1/2" | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 36" | | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 39" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 42" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 45" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 48" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 51" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 54" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 57" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 60" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 63" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 33" | 127–1/2" | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 36" | | 90.0 | 90.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 39" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 42" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 45" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 48" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 51" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 54" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 57" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 60" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 63" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 33" | 133–1/2" | 120.0 | 135.0 | 120.0 | 135.0 | 65.0 | 75.0 |
| 36" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 39" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 42" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 45" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 48" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 51" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 54" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 57" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 60" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 63" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 33" | 139–1/2" | 90.0 | 90.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 36" | | 80.0 | 80.0 | 80.0 | 100.0 | 65.0 | 75.0 |
| 39" | | 80.0 | 80.0 | 80.0 | 100.0 | – | – |
| 42" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 45" | | 80.0 | 80.0 | 80.0 | 80.0 | – | – |
| 48" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 51" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 54" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 57" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 60" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |
| 63" | | 60.0 | 60.0 | 80.0 | 80.0 | – | – |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300–09 (3 SEC. GUSTS).

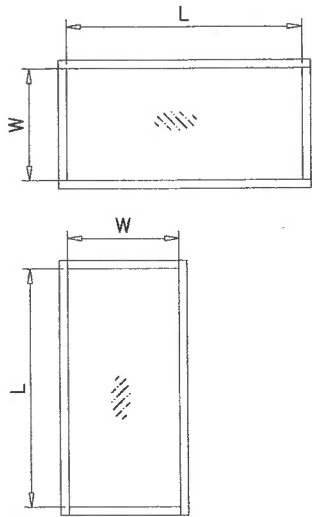
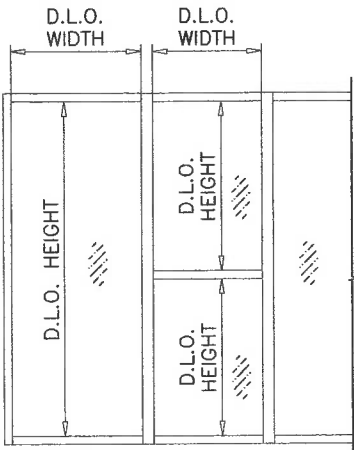
GLASS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No.

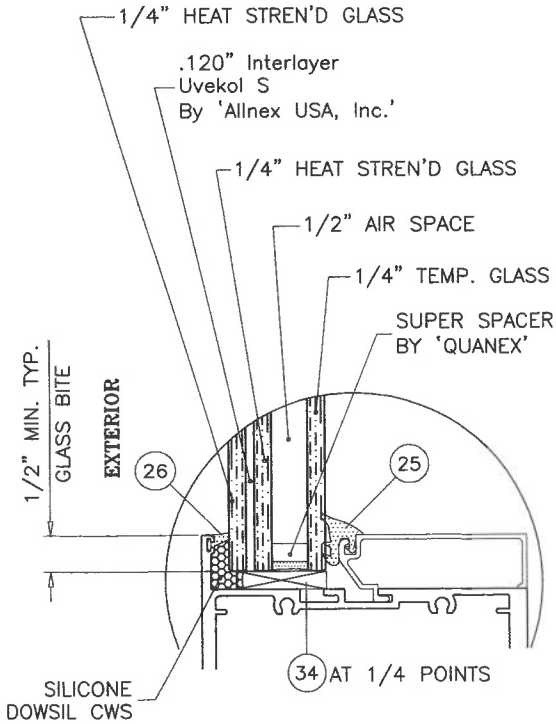
| GLASS LOAD CAPACITY - PSF | | | |
|---------------------------|---------------|-------------|---------|
| NOMINAL DIMS. | | GLASS TYPES | |
| D.L.O. WIDTH | D.L.O. HEIGHT | EXT.(+) | INT.(-) |
| 33" | 73-1/2" | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |
| 51" | | 57.4 | 57.4 |
| 54" | | 54.2 | 54.2 |
| 57" | | 51.3 | 51.3 |
| 60" | | 48.8 | 48.8 |
| 63" | 79-1/2" | 46.4 | 46.4 |
| 66" | | 44.3 | 44.3 |
| 69" | | 42.4 | 42.4 |
| 33" | | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |
| 51" | | 57.4 | 57.4 |
| 54" | 85-1/2" | 54.2 | 54.2 |
| 57" | | 51.3 | 51.3 |
| 60" | | 48.8 | 48.8 |
| 33" | | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |
| 51" | | 57.4 | 57.4 |
| 54" | 91-1/2" | 54.2 | 54.2 |
| 57" | | 51.3 | 51.3 |
| 60" | | 48.8 | 48.8 |
| 33" | | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |
| 51" | | 57.4 | 57.4 |
| 54" | 97-1/2" | 54.2 | 54.2 |
| 33" | | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |
| 51" | | 57.4 | 57.4 |

| GLASS LOAD CAPACITY - PSF | | | |
|---------------------------|---------------|-------------|---------|
| NOMINAL DIMS. | | GLASS TYPES | |
| D.L.O. WIDTH | D.L.O. HEIGHT | EXT.(+) | INT.(-) |
| 33" | 103-1/2" | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |
| 33" | 109-1/2" | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |
| 33" | 115-1/2" | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |
| 33" | 121-1/2" | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |
| 33" | 127-1/2" | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |
| 33" | 133-1/2" | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |
| 33" | 139-1/2" | 65.0 | 65.0 |
| 36" | | 65.0 | 65.0 |
| 39" | | 65.0 | 65.0 |
| 42" | | 65.0 | 65.0 |
| 45" | | 65.0 | 65.0 |
| 48" | | 60.9 | 60.9 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



NOTE:
WIDTH AND LENGTH DIMENSIONS
CAN BE ORIENTED VERTICALLY OR
HORIZONTALLY AS SHOWN ABOVE.



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Ferns*
Miami-Dade Product Control



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL (305) 264-8100 FAX (305) 262-8978
(C.A.N. 3538)

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL. 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

revisions:
no date by description
C 06.26.19 GENERAL REVISION
D 11.04.19 MANUF. ADDRESS REV.
E 06.25.20 UPDATED TO 2020 FBC

date: 03-21-14
scale: -
dr. by: TARIQ
chk. by:

drawing no.
W14-12
sheet 3.1 of 19

GLASS

Sealed: 09/09/2020

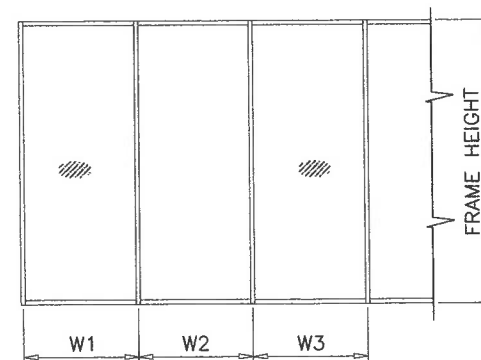
| DESIGN LOAD CAPACITY - PSF MULLION WITHOUT INTERMEDIATE HORIZONTALS | | | |
|---|--------------|---------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M1' JAMB 'J1' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 84" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 |
| 54" | | 90.0 | 90.0 |
| 60" | | 90.0 | 90.0 |
| 61" | | 90.0 | 90.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 90" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 |
| 54" | | 90.0 | 90.0 |
| 57" | | 88.6 | 88.6 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 77.3 | 77.3 |
| 30" | 96" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 |
| 48" | | 86.7 | 86.7 |
| 54" | | 78.9 | 78.9 |
| 60" | | 73.1 | 73.1 |
| 66" | | 68.6 | 68.6 |
| 72" | | 65.3 | 65.3 |
| 30" | 102" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 84.4 | 84.4 |
| 48" | | 75.4 | 75.4 |
| 50" | | 72.9 | 72.9 |
| 54" | | 68.5 | 68.5 |
| 60" | | 63.2 | 63.2 |
| 66" | | 59.0 | 59.0 |
| 70" | | 56.8 | 56.8 |
| 30" | 108" | 90.0 | 90.0 |
| 36" | | 80.9 | 80.9 |
| 42" | | 70.5 | 70.5 |
| 48" | | 62.9 | 62.9 |
| 54" | | 57.2 | 57.2 |
| 60" | | 52.8 | 52.8 |
| 66" | | 49.4 | 49.4 |
| 30" | 114" | 81.2 | 81.2 |
| 36" | | 68.5 | 68.5 |
| 42" | | 59.6 | 59.6 |
| 48" | | 53.1 | 53.1 |
| 54" | | 48.1 | 48.1 |
| 60" | | 44.3 | 44.3 |
| 63" | | 42.7 | 42.7 |
| 30" | 120" | 69.4 | 69.4 |
| 36" | | 58.5 | 58.5 |
| 42" | | 50.8 | 50.8 |
| 48" | | 45.2 | 45.2 |
| 54" | | 40.9 | 40.9 |
| 60" | | 37.5 | 37.5 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

| DESIGN LOAD CAPACITY - PSF MULLION WITHOUT INTERMEDIATE HORIZONTALS | | | |
|---|--------------|---------------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M2' JAMB 'J2'/'J2A' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 84" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 48" | | 120.0 | 135.0 |
| 54" | | 120.0 | 135.0 |
| 60" | | 120.0 | 135.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 90" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 48" | | 120.0 | 135.0 |
| 54" | | 120.0 | 135.0 |
| 56" | | 120.0 | 135.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 96" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 48" | | 120.0 | 135.0 |
| 52" | | 120.0 | 135.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 102" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 48" | | 120.0 | 135.0 |
| 49" | | 120.0 | 135.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 108" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 46" | | 120.0 | 135.0 |
| 48" | | 80.0 | 80.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |

| DESIGN LOAD CAPACITY - PSF MULLION WITHOUT INTERMEDIATE HORIZONTALS | | | |
|---|--------------|---------------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M2' JAMB 'J2'/'J2A' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 114" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 44" | | 120.0 | 135.0 |
| 48" | | 80.0 | 80.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 120" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 128.0 |
| 48" | | 80.0 | 80.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 126" | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 |
| 42" | | 80.0 | 80.0 |
| 48" | | 80.0 | 80.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 77.9 | 77.9 |
| 68" | | 76.1 | 76.1 |
| 30" | 132" | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 |
| 42" | | 80.0 | 80.0 |
| 48" | | 80.0 | 80.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 76.2 | 76.2 |
| 65" | | 71.3 | 71.3 |
| 30" | 138" | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 |
| 42" | | 80.0 | 80.0 |
| 48" | | 76.1 | 76.1 |
| 54" | | 69.3 | 69.3 |
| 60" | | 67.4 | 67.4 |
| 62" | | 80.0 | 80.0 |
| 30" | 144" | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 |
| 42" | | 80.0 | 80.0 |
| 48" | | 77.5 | 77.5 |
| 54" | | 69.6 | 69.6 |
| 60" | | 63.3 | 63.3 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

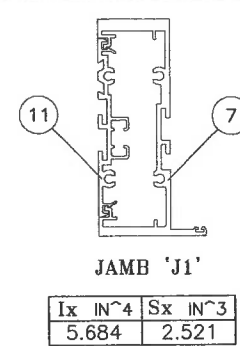


WIDTH (W) = W1
AT FRAME JAMB

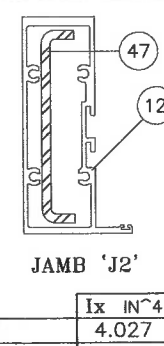
$$\text{WIDTH (W)} = \frac{W2 + W3}{2}$$

AT FRAME MULLION

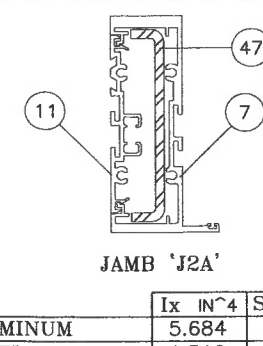
MULLIONS



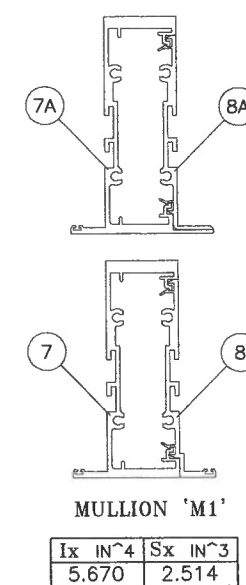
| Ix IN ⁴ | Sx IN ³ |
|--------------------|--------------------|
| 5.684 | 2.521 |



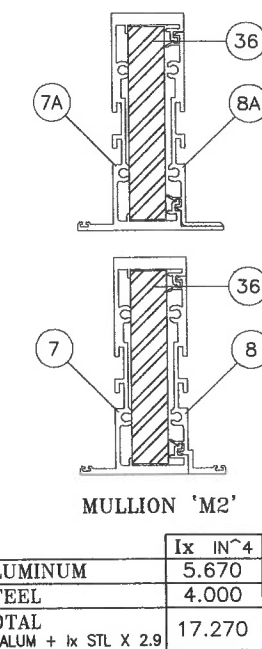
| | Ix IN ⁴ | Sx IN ³ |
|---------------------------------|--------------------|--------------------|
| ALUMINUM | 4.027 | 1.788 |
| STEEL | 1.519 | .760 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 8.432 | |



| | Ix IN ⁴ | Sx IN ³ |
|---------------------------------|--------------------|--------------------|
| ALUMINUM | 5.684 | 2.521 |
| STEEL | 1.519 | .760 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 10.089 | |



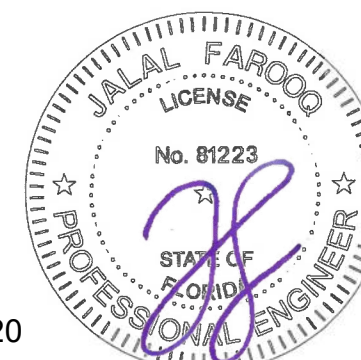
| Ix IN ⁴ | Sx IN ³ |
|--------------------|--------------------|
| 5.670 | 2.514 |



| | Ix IN ⁴ | Sx IN ³ |
|---------------------------------|--------------------|--------------------|
| ALUMINUM | 5.670 | 2.514 |
| STEEL | 4.000 | 2.000 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 17.270 | |

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control

Sealed: 09/09/2020



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

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL. 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

| | | | | | |
|----------------|--|------------|----------|----|------------------------|
| date: 03-21-14 | | revisions: | | | |
| scale: — | | no | date | by | description |
| dr. by: TARIQ | | A | 01.20.17 | | EDITORIAL CHANGES ONLY |
| | | B | 10.05.17 | | REV. PER RER COMMENTS |
| | | C | 06.26.19 | | GENERAL REVISION |
| | | D | 11.04.19 | | MANUF. ADDRESS REV. |
| | | E | 06.25.20 | | UPDATED TO 2020 FRC |
| chk. by: | | | | | |
| drawing no. | | | | | |
| W14-12 | | | | | |
| sheet 4 of 19 | | | | | |

COMP-ANL W14-12AGP

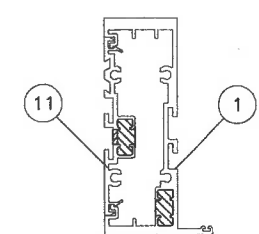
| DESIGN LOAD CAPACITY - PSF MULLION WITHOUT INTERMEDIATE HORIZONTALS | | | |
|---|--------------|---------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M3' JAMB 'J3' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 84" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 |
| 54" | | 90.0 | 90.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 90" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 |
| 51" | | 90.0 | 90.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 77.9 | 77.9 |
| 30" | 96" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 |
| 48" | | 87.3 | 87.3 |
| 54" | | 79.5 | 79.5 |
| 60" | | 73.6 | 73.6 |
| 66" | | 69.1 | 69.1 |
| 72" | | 65.7 | 65.7 |
| 30" | 102" | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 |
| 42" | | 80.0 | 80.0 |
| 48" | | 75.9 | 75.9 |
| 54" | | 68.9 | 68.9 |
| 60" | | 63.6 | 63.6 |
| 66" | | 59.4 | 59.4 |
| 70" | | 57.2 | 57.2 |
| 30" | 108" | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 |
| 42" | | 72.3 | 72.3 |
| 48" | | 64.5 | 64.5 |
| 54" | | 58.7 | 58.7 |
| 60" | | 54.2 | 54.2 |
| 66" | | 50.7 | 50.7 |
| 30" | 114" | 80.0 | 80.0 |
| 36" | | 70.2 | 70.2 |
| 42" | | 61.1 | 61.1 |
| 48" | | 54.4 | 54.4 |
| 54" | | 49.3 | 49.3 |
| 60" | | 45.4 | 45.4 |
| 63" | | 43.8 | 43.8 |
| 30" | 120" | 71.2 | 71.2 |
| 36" | | 60.0 | 60.0 |
| 42" | | 52.1 | 52.1 |
| 48" | | 46.3 | 46.3 |
| 54" | | 41.9 | 41.9 |
| 60" | | 38.5 | 38.5 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

| DESIGN LOAD CAPACITY - PSF MULLION WITHOUT INTERMEDIATE HORIZONTALS | | | |
|---|--------------|---------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M4' JAMB 'J4' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 84" | 100.0 | 100.0 |
| 36" | | 100.0 | 100.0 |
| 42" | | 100.0 | 100.0 |
| 48" | | 100.0 | 100.0 |
| 54" | | 100.0 | 100.0 |
| 60" | | 100.0 | 100.0 |
| 66" | | 60.0 | 60.0 |
| 72" | | 60.0 | 60.0 |
| 30" | 90" | 100.0 | 100.0 |
| 36" | | 100.0 | 100.0 |
| 42" | | 100.0 | 100.0 |
| 48" | | 100.0 | 100.0 |
| 54" | | 100.0 | 100.0 |
| 56" | | 100.0 | 100.0 |
| 60" | | 60.0 | 60.0 |
| 66" | | 60.0 | 60.0 |
| 72" | | 60.0 | 60.0 |
| 30" | 96" | 100.0 | 100.0 |
| 36" | | 100.0 | 100.0 |
| 42" | | 100.0 | 100.0 |
| 48" | | 100.0 | 100.0 |
| 52" | | 100.0 | 100.0 |
| 54" | | 60.0 | 60.0 |
| 60" | | 60.0 | 60.0 |
| 66" | | 60.0 | 60.0 |
| 72" | | 60.0 | 60.0 |
| 30" | 102" | 100.0 | 100.0 |
| 39" | | 100.0 | 100.0 |
| 42" | | 100.0 | 100.0 |
| 48" | | 100.0 | 100.0 |
| 49" | | 100.0 | 100.0 |
| 54" | | 60.0 | 60.0 |
| 60" | | 60.0 | 60.0 |
| 66" | | 60.0 | 60.0 |
| 72" | | 60.0 | 60.0 |
| 30" | 108" | 100.0 | 100.0 |
| 36" | | 100.0 | 100.0 |
| 42" | | 100.0 | 100.0 |
| 46" | | 99.2 | 99.2 |
| 48" | | 60.0 | 60.0 |
| 54" | | 60.0 | 60.0 |
| 60" | | 60.0 | 60.0 |
| 66" | | 60.0 | 60.0 |
| 72" | | 60.0 | 60.0 |

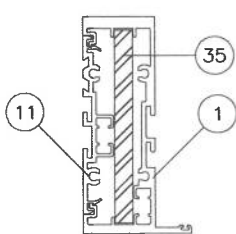
| DESIGN LOAD CAPACITY - PSF MULLION WITHOUT INTERMEDIATE HORIZONTALS | | | |
|---|--------------|---------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M4' JAMB 'J4' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 114" | 100.0 | 100.0 |
| 36" | | 100.0 | 100.0 |
| 42" | | 96.0 | 96.0 |
| 44" | | 92.0 | 92.0 |
| 48" | | 60.0 | 60.0 |
| 54" | | 60.0 | 60.0 |
| 60" | | 60.0 | 60.0 |
| 66" | | 60.0 | 60.0 |
| 72" | | 60.0 | 60.0 |
| 30" | 120" | 100.0 | 100.0 |
| 36" | | 99.5 | 99.5 |
| 42" | | 86.2 | 86.2 |
| 48" | | 60.0 | 60.0 |
| 54" | | 60.0 | 60.0 |
| 60" | | 60.0 | 60.0 |
| 66" | | 58.5 | 58.5 |
| 72" | | 54.8 | 54.8 |
| 30" | 126" | 60.0 | 60.0 |
| 36" | | 60.0 | 60.0 |
| 42" | | 60.0 | 60.0 |
| 48" | | 60.0 | 60.0 |
| 54" | | 60.0 | 60.0 |
| 60" | | 56.7 | 56.7 |
| 66" | | 52.5 | 52.5 |
| 72" | | 49.0 | 49.0 |
| 30" | 132" | 60.0 | 60.0 |
| 36" | | 60.0 | 60.0 |
| 42" | | 60.0 | 60.0 |
| 48" | | 60.0 | 60.0 |
| 54" | | 56.3 | 56.3 |
| 60" | | 51.3 | 51.3 |
| 65" | | 48.0 | 48.0 |
| 30" | 138" | 60.0 | 60.0 |
| 36" | | 60.0 | 60.0 |
| 42" | | 60.0 | 60.0 |
| 48" | | 57.0 | 57.0 |
| 54" | | 51.2 | 51.2 |
| 60" | | 46.7 | 46.7 |
| 62" | | 45.4 | 45.4 |
| 30" | 144" | 60.0 | 60.0 |
| 36" | | 60.0 | 60.0 |
| 42" | | 59.0 | 59.0 |
| 48" | | 52.2 | 52.2 |
| 54" | | 46.9 | 46.9 |
| 60" | | 42.6 | 42.6 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



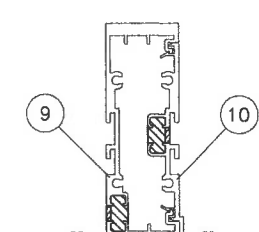
JAMB 'J3'

| Ix IN ⁴ | Sx IN ³ |
|--------------------|--------------------|
| 5.813 | 2.538 |



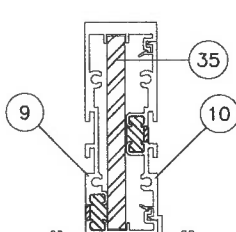
JAMB 'J4'

| | Ix IN ⁴ | Sx IN ³ |
|---------------------------------|--------------------|--------------------|
| ALUMINUM | 5.813 | 2.538 |
| STEEL | 2.000 | 1.000 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 11.613 | |



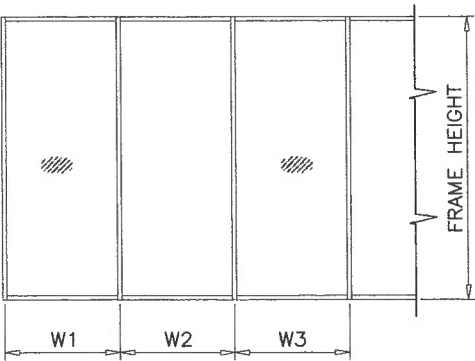
MULLION 'M3'

| Ix IN ⁴ | Sx IN ³ |
|--------------------|--------------------|
| 5.813 | 2.529 |



MULLION 'M4'

| | Ix IN ⁴ | Sx IN ³ |
|---------------------------------|--------------------|--------------------|
| ALUMINUM | 5.813 | 2.529 |
| STEEL | 2.000 | 1.000 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 11.613 | |



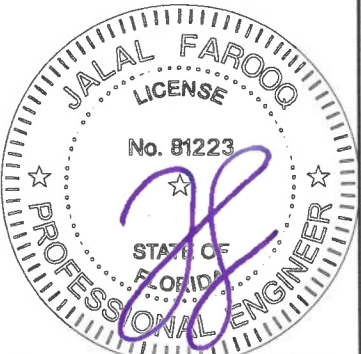
WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION

MULLIONS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control

Sealed: 09/09/2020



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 262-6978
FAX. (305) 262-6978
COMP - ANL W14-12AGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

| no. | date | by | description |
|-----|----------|----|------------------------|
| A | 01.20.17 | | EDITORIAL CHANGES ONLY |
| B | 10.05.17 | | REV. PER RER COMMENTS |
| C | 06.26.19 | | GENERAL REVISION |
| D | 11.04.19 | | MANUF. ADDRESS REV. |
| E | 06.25.20 | | UPDATED TO 2020 FBC |

date: 03-21-14

scale: -

dr. by: TARIQ

chk. by:

drawing no.
W14-12

sheet 5 of 19

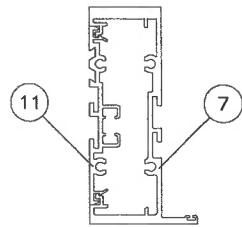
| DESIGN LOAD CAPACITY - PSF MULLION WITH INTERMEDIATE HORIZONTALS | | | |
|--|--------------|---------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M1' JAMB 'J1' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 84" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 |
| 54" | | 90.0 | 90.0 |
| 60" | | 84.5 | 84.5 |
| 61" | | 83.1 | 83.1 |
| 66" | | 76.8 | 76.8 |
| 72" | | 70.4 | 70.4 |
| 30" | 90" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 |
| 54" | | 81.2 | 81.2 |
| 57" | | 76.9 | 76.9 |
| 60" | | 73.0 | 73.0 |
| 66" | | 66.4 | 66.4 |
| 72" | | 60.9 | 60.9 |
| 30" | 96" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 91.0 | 91.0 |
| 48" | | 79.6 | 79.6 |
| 54" | | 70.8 | 70.8 |
| 60" | | 63.7 | 63.7 |
| 66" | | 57.9 | 57.9 |
| 72" | | 53.1 | 53.1 |
| 30" | 102" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 78.9 | 78.9 |
| 48" | | 69.1 | 69.1 |
| 50" | | 66.3 | 66.3 |
| 54" | | 61.4 | 61.4 |
| 60" | | 55.3 | 55.3 |
| 66" | | 50.2 | 50.2 |
| 70" | | 47.4 | 47.4 |
| 30" | 108" | 90.0 | 90.0 |
| 36" | | 77.6 | 77.6 |
| 42" | | 66.5 | 66.5 |
| 48" | | 58.2 | 58.2 |
| 54" | | 51.7 | 51.7 |
| 60" | | 46.6 | 46.6 |
| 66" | | 42.3 | 42.3 |
| 30" | 114" | 79.2 | 79.2 |
| 36" | | 66.0 | 66.0 |
| 42" | | 56.5 | 56.5 |
| 48" | | 49.5 | 49.5 |
| 54" | | 44.0 | 44.0 |
| 60" | | 39.6 | 39.6 |
| 63" | | 37.7 | 37.7 |
| 30" | 120" | 67.9 | 67.9 |
| 36" | | 56.6 | 56.6 |
| 42" | | 48.5 | 48.5 |
| 48" | | 42.4 | 42.4 |
| 54" | | 37.7 | 37.7 |
| 60" | | 33.9 | 33.9 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

| DESIGN LOAD CAPACITY - PSF MULLION WITH INTERMEDIATE HORIZONTALS | | | |
|--|--------------|---------------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M2' JAMB 'J2'/'J2A' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 84" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 48" | | 120.0 | 135.0 |
| 54" | | 120.0 | 135.0 |
| 60" | | 120.0 | 135.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 90" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 48" | | 120.0 | 135.0 |
| 54" | | 120.0 | 135.0 |
| 56" | | 120.0 | 135.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 96" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 48" | | 120.0 | 135.0 |
| 52" | | 120.0 | 135.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 102" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 48" | | 120.0 | 135.0 |
| 49" | | 120.0 | 135.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |
| 30" | 108" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 46" | | 120.0 | 135.0 |
| 48" | | 80.0 | 80.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 80.0 | 80.0 |

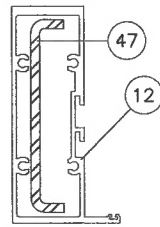
| DESIGN LOAD CAPACITY - PSF MULLION WITH INTERMEDIATE HORIZONTALS | | | |
|--|--------------|---------------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M2' JAMB 'J2'/'J2A' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 114" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 135.0 |
| 44" | | 120.0 | 130.0 |
| 48" | | 80.0 | 80.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 80.0 | 80.0 |
| 72" | | 79.4 | 79.4 |
| 30" | 120" | 120.0 | 135.0 |
| 36" | | 120.0 | 135.0 |
| 42" | | 120.0 | 122.9 |
| 48" | | 80.0 | 80.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 80.0 | 80.0 |
| 66" | | 78.2 | 78.2 |
| 72" | | 71.7 | 71.7 |
| 30" | 126" | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 |
| 42" | | 80.0 | 80.0 |
| 48" | | 80.0 | 80.0 |
| 54" | | 80.0 | 80.0 |
| 60" | | 78.0 | 78.0 |
| 66" | | 70.9 | 70.9 |
| 68" | | 68.9 | 68.9 |
| 30" | 132" | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 |
| 42" | | 80.0 | 80.0 |
| 48" | | 80.0 | 80.0 |
| 54" | | 79.0 | 79.0 |
| 60" | | 71.1 | 71.1 |
| 65" | | 65.6 | 65.6 |
| 30" | 138" | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 |
| 42" | | 80.0 | 80.0 |
| 48" | | 72.3 | 72.3 |
| 54" | | 65.1 | 65.1 |
| 60" | | 63.0 | 63.0 |
| 62" | | 80.0 | 80.0 |
| 30" | 144" | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 |
| 42" | | 80.0 | 80.0 |
| 48" | | 74.3 | 74.3 |
| 54" | | 66.0 | 66.0 |
| 60" | | 59.4 | 59.4 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



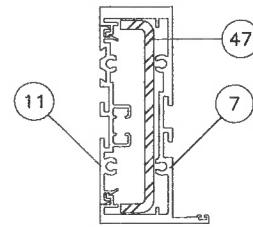
JAMB 'J1'

| Ix IN^4 | Sx IN^3 |
|---------|---------|
| 5.684 | 2.521 |



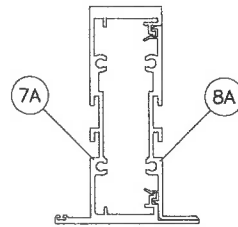
JAMB 'J2'

| | Ix IN^4 | Sx IN^3 |
|------------------------|---------|---------|
| ALUMINUM | 4.027 | 1.788 |
| STEEL | 1.519 | .760 |
| TOTAL | | |
| Ix ALUM + Ix STL X 2.9 | 8.432 | |



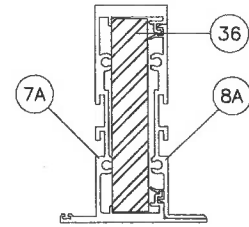
JAMB 'J2A'

| | Ix IN^4 | Sx IN^3 |
|------------------------|---------|---------|
| ALUMINUM | 5.684 | 2.521 |
| STEEL | 1.519 | .760 |
| TOTAL | | |
| Ix ALUM + Ix STL X 2.9 | 10.089 | |



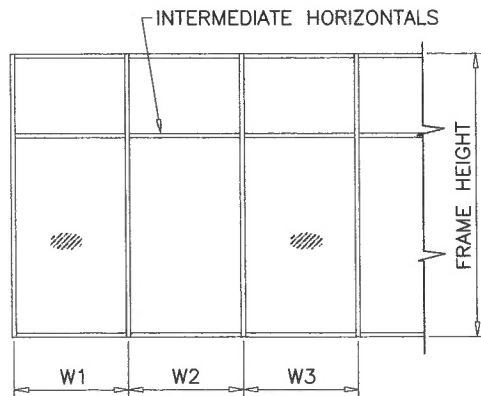
MULLION 'M1'

| Ix IN^4 | Sx IN^3 |
|---------|---------|
| 5.670 | 2.514 |



MULLION 'M2'

| | Ix IN^4 | Sx IN^3 |
|------------------------|---------|---------|
| ALUMINUM | 5.670 | 2.514 |
| STEEL | 4.000 | 2.000 |
| TOTAL | | |
| Ix ALUM + Ix STL X 2.9 | 17.270 | |



WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION

MULLIONS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control

Sealed: 09/09/2020



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W14-12AGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL. 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

| no. | date | by | description |
|-----|----------|----|------------------------|
| A | 01.20.17 | | EDITORIAL CHANGES ONLY |
| B | 10.05.17 | | REV. PER RER COMMENTS |
| C | 06.26.19 | | GENERAL REVISION |
| D | 11.04.19 | | MANUF. ADDRESS REV. |
| E | 06.25.20 | | UPDATED TO 2020 FBC |

date: 03-21-14
scale: -
dr. by: TARIQ
chk. by:

drawing no.
W14-12
sheet 6 of 19

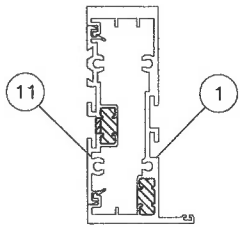
| DESIGN LOAD CAPACITY - PSF MULLION WITH INTERMEDIATE HORIZONTALS | | | |
|--|--------------|---------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M3' JAMB 'J3' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 84" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 |
| 54" | | 90.0 | 90.0 |
| 60" | | 85.1 | 85.1 |
| 66" | | 77.3 | 77.3 |
| 72" | | 70.9 | 70.9 |
| 30" | 90" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 |
| 51" | | 86.5 | 86.5 |
| 54" | | 81.7 | 81.7 |
| 60" | | 73.5 | 73.5 |
| 66" | | 66.8 | 66.8 |
| 72" | | 61.3 | 61.3 |
| 30" | 96" | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 |
| 48" | | 80.2 | 80.2 |
| 54" | | 71.2 | 71.2 |
| 60" | | 64.1 | 64.1 |
| 66" | | 58.3 | 58.3 |
| 72" | | 53.4 | 53.4 |
| 30" | 102" | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 |
| 42" | | 80.0 | 80.0 |
| 48" | | 70.5 | 70.5 |
| 54" | | 62.6 | 62.6 |
| 60" | | 56.4 | 56.4 |
| 66" | | 51.2 | 51.2 |
| 70" | | 48.3 | 48.3 |
| 30" | 108" | 80.0 | 80.0 |
| 36" | | 79.5 | 79.5 |
| 42" | | 68.2 | 68.2 |
| 48" | | 59.7 | 59.7 |
| 54" | | 53.0 | 53.0 |
| 60" | | 47.7 | 47.7 |
| 66" | | 43.4 | 43.4 |
| 30" | 114" | 80.0 | 80.0 |
| 36" | | 67.6 | 67.6 |
| 42" | | 58.0 | 58.0 |
| 48" | | 50.7 | 50.7 |
| 54" | | 45.1 | 45.1 |
| 60" | | 40.6 | 40.6 |
| 63" | | 38.6 | 38.6 |
| 30" | 120" | 69.6 | 69.6 |
| 36" | | 58.0 | 58.0 |
| 42" | | 49.7 | 49.7 |
| 48" | | 43.5 | 43.5 |
| 54" | | 38.7 | 38.7 |
| 60" | | 34.8 | 34.8 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

| DESIGN LOAD CAPACITY - PSF MULLION WITH INTERMEDIATE HORIZONTALS | | | |
|--|--------------|---------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M4' JAMB 'J4' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 84" | 100.0 | 100.0 |
| 36" | | 100.0 | 100.0 |
| 42" | | 100.0 | 100.0 |
| 48" | | 100.0 | 100.0 |
| 54" | | 100.0 | 100.0 |
| 60" | | 100.0 | 100.0 |
| 66" | | 60.0 | 60.0 |
| 72" | | 60.0 | 60.0 |
| 30" | 90" | 100.0 | 100.0 |
| 36" | | 100.0 | 100.0 |
| 42" | | 100.0 | 100.0 |
| 48" | | 100.0 | 100.0 |
| 54" | | 100.0 | 100.0 |
| 56" | | 100.0 | 100.0 |
| 60" | | 60.0 | 60.0 |
| 66" | | 60.0 | 60.0 |
| 72" | | 60.0 | 60.0 |
| 30" | 96" | 100.0 | 100.0 |
| 36" | | 100.0 | 100.0 |
| 42" | | 100.0 | 100.0 |
| 48" | | 100.0 | 100.0 |
| 52" | | 100.0 | 100.0 |
| 54" | | 60.0 | 60.0 |
| 60" | | 60.0 | 60.0 |
| 66" | | 60.0 | 60.0 |
| 72" | | 60.0 | 60.0 |
| 30" | 102" | 100.0 | 100.0 |
| 39" | | 100.0 | 100.0 |
| 42" | | 100.0 | 100.0 |
| 48" | | 100.0 | 100.0 |
| 49" | | 98.2 | 98.2 |
| 54" | | 60.0 | 60.0 |
| 60" | | 60.0 | 60.0 |
| 66" | | 60.0 | 60.0 |
| 72" | | 60.0 | 60.0 |
| 30" | 108" | 100.0 | 100.0 |
| 36" | | 100.0 | 100.0 |
| 42" | | 100.0 | 100.0 |
| 46" | | 93.3 | 93.3 |
| 48" | | 60.0 | 60.0 |
| 54" | | 60.0 | 60.0 |
| 60" | | 60.0 | 60.0 |
| 66" | | 60.0 | 60.0 |
| 72" | | 59.6 | 59.6 |

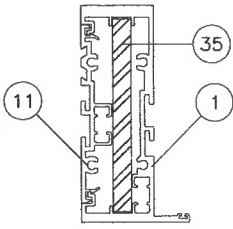
| DESIGN LOAD CAPACITY - PSF MULLION WITH INTERMEDIATE HORIZONTALS | | | |
|--|--------------|---------------------------|---------|
| NOMINAL DIMS. | | MULLION 'M4' JAMB 'J4' | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(-) |
| 30" | 114" | 100.0 | 100.0 |
| 36" | | 100.0 | 100.0 |
| 42" | | 91.7 | 91.7 |
| 44" | | 87.6 | 87.6 |
| 48" | | 60.0 | 60.0 |
| 54" | | 60.0 | 60.0 |
| 60" | | 60.0 | 60.0 |
| 66" | | 58.4 | 58.4 |
| 72" | | 53.5 | 53.5 |
| 30" | 120" | 100.0 | 100.0 |
| 36" | | 96.6 | 96.6 |
| 42" | | 82.8 | 82.8 |
| 48" | | 60.0 | 60.0 |
| 54" | | 60.0 | 60.0 |
| 60" | | 58.0 | 58.0 |
| 66" | | 52.7 | 52.7 |
| 72" | | 48.3 | 48.3 |
| 30" | 126" | 60.0 | 60.0 |
| 36" | | 60.0 | 60.0 |
| 42" | | 60.0 | 60.0 |
| 48" | | 60.0 | 60.0 |
| 54" | | 58.4 | 58.4 |
| 60" | | 52.6 | 52.6 |
| 66" | | 47.8 | 47.8 |
| 72" | | 46.4 | 46.4 |
| 30" | 132" | 60.0 | 60.0 |
| 36" | | 60.0 | 60.0 |
| 42" | | 60.0 | 60.0 |
| 48" | | 59.9 | 59.9 |
| 54" | | 53.2 | 53.2 |
| 60" | | 47.9 | 47.9 |
| 65" | | 44.2 | 44.2 |
| 30" | 138" | 60.0 | 60.0 |
| 36" | | 60.0 | 60.0 |
| 42" | | 60.0 | 60.0 |
| 48" | | 54.8 | 54.8 |
| 54" | | 48.7 | 48.7 |
| 60" | | 43.8 | 43.8 |
| 62" | | 42.4 | 42.4 |
| 30" | 144" | 60.0 | 60.0 |
| 36" | | 60.0 | 60.0 |
| 42" | | 57.2 | 57.2 |
| 48" | | 50.0 | 50.0 |
| 54" | | 44.5 | 44.5 |
| 60" | | 40.0 | 40.0 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



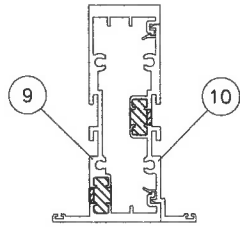
JAMB 'J3'

| | |
|---------|---------|
| Ix IN^4 | Sx IN^3 |
| 5.813 | 2.538 |



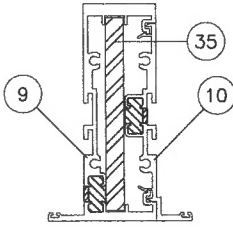
JAMB 'J4'

| | | |
|---------------------------------|---------|---------|
| | Ix IN^4 | Sx IN^3 |
| ALUMINUM | 5.813 | 2.538 |
| STEEL | 2.000 | 1.000 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 11.613 | |



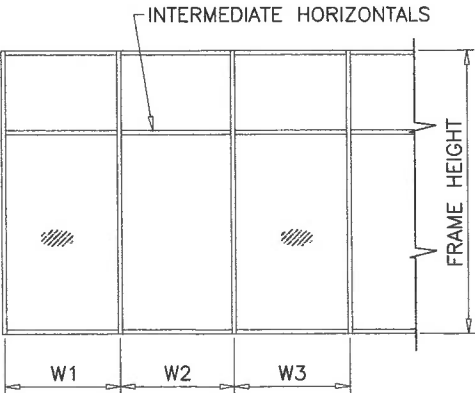
MULLION 'M3'

| | |
|---------|---------|
| Ix IN^4 | Sx IN^3 |
| 5.813 | 2.529 |



MULLION 'M4'

| | | |
|---------------------------------|---------|---------|
| | Ix IN^4 | Sx IN^3 |
| ALUMINUM | 5.813 | 2.529 |
| STEEL | 2.000 | 1.000 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 11.613 | |



WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION

MULLIONS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0910.06
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control

Sealed: 09/09/2020



afC

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP - ANL W14-12AGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

| no | date | by | description |
|----|----------|----|------------------------|
| A | 01.20.17 | | EDITORIAL CHANGES ONLY |
| B | 10.05.17 | | REV. PER RER COMMENTS |
| C | 06.26.19 | | GENERAL REVISION |
| D | 11.04.19 | | MANUF. ADDRESS REV. |
| E | 06.25.20 | | UPDATED TO 2020 FBC |

date: 03-21-14
scale: -
dr. by: TARIQ
chk. by:

drawing no.
W14-12
sheet 7 of 19

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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'AW'— 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u=164$ KSI, $F_y=148$ KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
WITH 1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO CONCRETE OR BLOCKS
WITH 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
WITH 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

TYPE 'AC'— 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u=164$ KSI, $F_y=148$ KSI)

DIRECTLY INTO CONCRETE OR BLOCKS
WITH 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
WITH 1-3/4" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES

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

TYPE 'BW'— 5/16" DIA ULTRACON BY 'DEWALT' ($F_u=177$ KSI, $F_y=155$ KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
WITH 1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO CONCRETE OR BLOCKS
WITH 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
WITH 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

TYPE 'BC'— 5/16" DIA ULTRACON BY 'DEWALT' ($F_u=177$ KSI, $F_y=155$ KSI)

DIRECTLY INTO CONCRETE OR BLOCKS
WITH 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
WITH 1-3/4" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND BLOCKS = 3-1/8" MIN.
INTO WOOD STRUCTURE = 1-1/2" MIN.

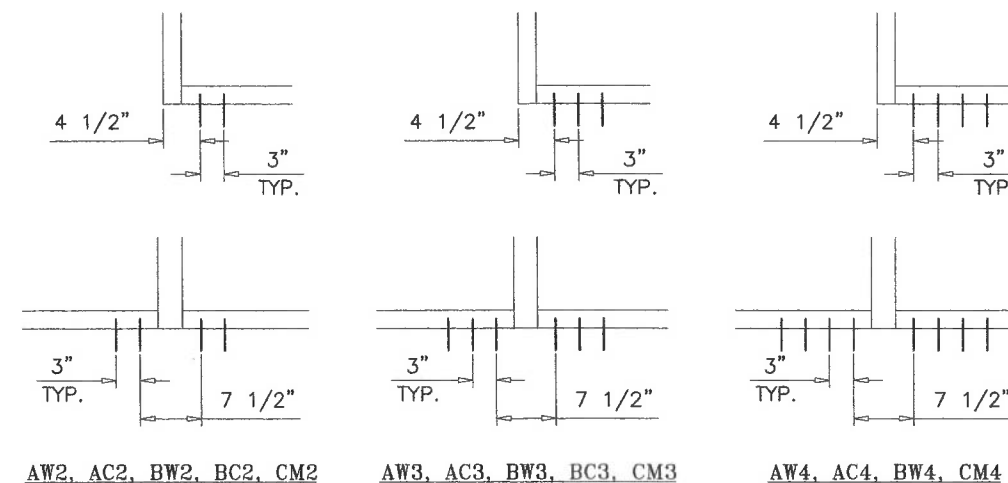
TYPE 'CM'— #14 SELF DRILLING SCREWS ST/ST (GRADE 5 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS
OR
INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
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)

ANCHOR EDGE DISTANCES

INTO METAL STRUCTURE = 1/2" MIN.

WOOD AT HEAD, SILL 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.



ANCHORS TYPES:

AW2 = (2) ANCHORS TYPE 'AW' AT EACH SIDE OF JAMB AND MULLION
AC2 = (2) ANCHORS TYPE 'AC' AT EACH SIDE OF JAMB AND MULLION
BW2 = (2) ANCHORS TYPE 'BW' AT EACH SIDE OF JAMB AND MULLION
BC2 = (2) ANCHORS TYPE 'BC' AT EACH SIDE OF JAMB AND MULLION
CM2 = (2) ANCHORS TYPE 'CM' AT EACH SIDE OF JAMB AND MULLION

AW3 = (3) ANCHORS TYPE 'AW' AT EACH SIDE OF JAMB AND MULLION
AC3 = (3) ANCHORS TYPE 'AC' AT EACH SIDE OF JAMB AND MULLION
BW3 = (3) ANCHORS TYPE 'BW' AT EACH SIDE OF JAMB AND MULLION
BC3 = (3) ANCHORS TYPE 'BC' AT EACH SIDE OF JAMB AND MULLION
CM3 = (3) ANCHORS TYPE 'CM' AT EACH SIDE OF JAMB AND MULLION

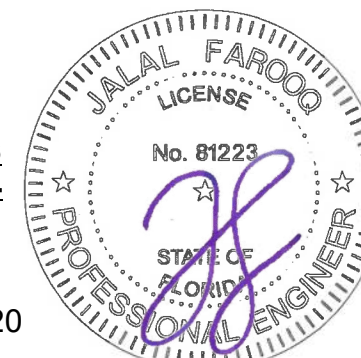
AW4 = (4) ANCHORS TYPE 'AW' AT EACH SIDE OF JAMB AND MULLION
AC4 = (4) ANCHORS TYPE 'AC' AT EACH SIDE OF JAMB AND MULLION
BW4 = (4) ANCHORS TYPE 'BW' AT EACH SIDE OF JAMB AND MULLION
CM4 = (4) ANCHORS TYPE 'CM' AT EACH SIDE OF JAMB AND MULLION

SEE SHEETS 9 & 10 FOR ANCHOR CAPACITIES.

ANCHORS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control

Sealed: 09/09/2020



SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

Aldora Aluminum & Glass Products Inc.

4250 Coral Ridge Drive
Coral Springs, FL 33065

Tel. (305) 888-6288 Fax. (305) 888-6289

| no | date | by | description |
|----|----------|----|-----------------------|
| A | 01.20.17 | | GENERAL REVISION |
| B | 10.05.17 | | REV. PER RFR COMMENTS |
| C | 06.26.19 | | GENERAL REVISION |
| D | 11.04.19 | | MANUF. ADDRESS REV. |
| E | 06.25.20 | | UPDATED TO 2020 FBC |

| | | | |
|----------------|----------|---------------|----------|
| date: 03-21-14 | scale: - | dr. by: TARIQ | chk. by: |
|----------------|----------|---------------|----------|

drawing no.
W14-12

sheet 8 of 19

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 W14-12AGP

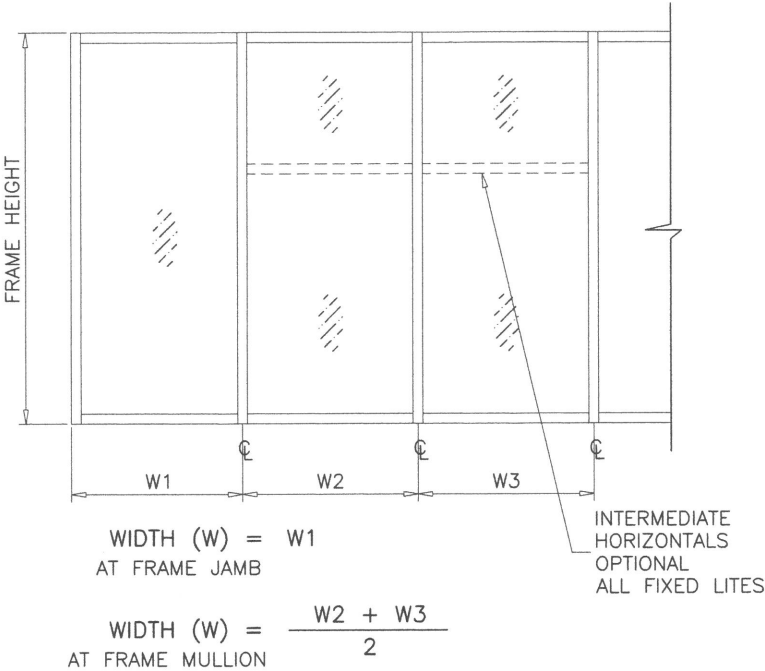
| ANCHOR LOAD CAPACITY – PSF (1/4" MAX. SHIMS) EXT.(+) & INT.(–) | | | | | | | | | | | | | | | | |
|---|--------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|
| NOMINAL DIMS. | | ANCHORS TYPE 'AW' | | | ANCHORS TYPE 'BW' | | | ANCHORS TYPE 'AC' | | | ANCHORS TYPE 'BC' | | | ANCHORS TYPE 'CM' | | |
| WIDTH (W) | FRAME HEIGHT | AW2 | AW3 | AW4 | BW2 | BW3 | BW4 | AC2 | AC3 | AC4 | BC2 | BC3 | BC4 | CM2 | CM3 | CM4 |
| 30" | 96" | 123.3 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 106.7 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 95.1 | 135.0 | 135.0 | 125.1 | 135.0 | 135.0 | 124.3 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 48" | | 86.7 | 130.0 | 135.0 | 114.0 | 135.0 | 135.0 | 113.3 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 127.7 | 135.0 | 135.0 |
| 52" | | 82.3 | 123.4 | 135.0 | 108.2 | 135.0 | 135.0 | 107.6 | 135.0 | 135.0 | 134.2 | 135.0 | 135.0 | 121.2 | 135.0 | 135.0 |
| 54" | | 80.4 | 120.6 | 135.0 | 105.7 | 135.0 | 135.0 | 105.1 | 135.0 | 135.0 | 131.1 | 135.0 | 135.0 | 118.4 | 135.0 | 135.0 |
| 60" | | 75.6 | 113.5 | 135.0 | 99.5 | 135.0 | 135.0 | 98.9 | 135.0 | 135.0 | 123.3 | 135.0 | 135.0 | 111.4 | 135.0 | 135.0 |
| 66" | | 72.0 | 108.1 | 135.0 | 94.8 | 135.0 | 135.0 | 94.2 | 135.0 | 135.0 | 117.5 | 135.0 | 135.0 | 106.1 | 135.0 | 135.0 |
| 72" | | 69.3 | 104.0 | 135.0 | 91.2 | 135.0 | 135.0 | 90.7 | 135.0 | 135.0 | 113.1 | 135.0 | 135.0 | 102.1 | 135.0 | 135.0 |
| 30" | 102" | 114.8 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 99.0 | 135.0 | 135.0 | 130.3 | 135.0 | 135.0 | 129.5 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 88.0 | 132.1 | 135.0 | 115.8 | 135.0 | 135.0 | 115.1 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 129.7 | 135.0 | 135.0 |
| 48" | | 80.0 | 120.0 | 135.0 | 105.2 | 135.0 | 135.0 | 104.6 | 135.0 | 135.0 | 130.5 | 135.0 | 135.0 | 117.8 | 135.0 | 135.0 |
| 52" | | 75.8 | 113.7 | 135.0 | 99.7 | 135.0 | 135.0 | 99.1 | 135.0 | 135.0 | 123.6 | 135.0 | 135.0 | 111.6 | 135.0 | 135.0 |
| 54" | | 74.0 | 110.9 | 135.0 | 97.3 | 135.0 | 135.0 | 96.7 | 135.0 | 135.0 | 120.6 | 135.0 | 135.0 | 108.9 | 135.0 | 135.0 |
| 60" | | 69.3 | 104.0 | 135.0 | 91.2 | 135.0 | 135.0 | 90.7 | 135.0 | 135.0 | 113.1 | 135.0 | 135.0 | 102.1 | 135.0 | 135.0 |
| 66" | | 65.8 | 98.7 | 131.5 | 86.5 | 129.8 | 135.0 | 86.0 | 129.0 | 135.0 | 107.3 | 135.0 | 135.0 | 96.9 | 135.0 | 135.0 |
| 72" | | 63.0 | 94.5 | 126.1 | 82.9 | 124.4 | 135.0 | 82.4 | 123.6 | 135.0 | 102.8 | 135.0 | 135.0 | 92.8 | 135.0 | 135.0 |
| 30" | 108" | 107.4 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 92.4 | 135.0 | 135.0 | 121.6 | 135.0 | 135.0 | 120.9 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 82.0 | 123.0 | 135.0 | 107.8 | 135.0 | 135.0 | 107.2 | 135.0 | 135.0 | 133.7 | 135.0 | 135.0 | 120.7 | 135.0 | 135.0 |
| 48" | | 74.3 | 111.4 | 135.0 | 97.7 | 135.0 | 135.0 | 97.1 | 135.0 | 135.0 | 121.1 | 135.0 | 135.0 | 109.4 | 135.0 | 135.0 |
| 52" | | 70.2 | 105.4 | 135.0 | 92.4 | 135.0 | 135.0 | 91.9 | 135.0 | 135.0 | 114.6 | 135.0 | 135.0 | 103.5 | 135.0 | 135.0 |
| 54" | | 68.5 | 102.7 | 135.0 | 90.1 | 135.0 | 135.0 | 89.5 | 134.3 | 135.0 | 111.7 | 135.0 | 135.0 | 100.9 | 135.0 | 135.0 |
| 60" | | 64.0 | 96.0 | 128.0 | 84.2 | 126.3 | 135.0 | 83.7 | 125.5 | 135.0 | 104.4 | 135.0 | 135.0 | 94.3 | 135.0 | 135.0 |
| 66" | | 60.5 | 90.8 | 121.0 | 79.6 | 119.4 | 135.0 | 79.1 | 118.7 | 135.0 | 98.7 | 135.0 | 135.0 | 89.1 | 133.7 | 135.0 |
| 72" | | 57.8 | 86.7 | 115.6 | 76.0 | 114.0 | 135.0 | 75.6 | 113.3 | 135.0 | 94.2 | 135.0 | 135.0 | 85.1 | 127.7 | 135.0 |
| 30" | 114" | 100.8 | 135.0 | 135.0 | 132.7 | 135.0 | 135.0 | 131.9 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 86.7 | 130.0 | 135.0 | 114.0 | 135.0 | 135.0 | 113.3 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 127.7 | 135.0 | 135.0 |
| 42" | | 76.7 | 115.0 | 135.0 | 100.9 | 135.0 | 135.0 | 100.3 | 135.0 | 135.0 | 125.1 | 135.0 | 135.0 | 113.0 | 135.0 | 135.0 |
| 48" | | 69.3 | 104.0 | 135.0 | 91.2 | 135.0 | 135.0 | 90.7 | 135.0 | 135.0 | 113.1 | 135.0 | 135.0 | 102.1 | 135.0 | 135.0 |
| 52" | | 65.5 | 98.2 | 130.9 | 86.1 | 129.1 | 135.0 | 85.6 | 128.4 | 135.0 | 106.7 | 135.0 | 135.0 | 96.4 | 135.0 | 135.0 |
| 54" | | 63.8 | 95.6 | 127.5 | 83.9 | 125.8 | 135.0 | 83.4 | 125.1 | 135.0 | 104.0 | 135.0 | 135.0 | 93.9 | 135.0 | 135.0 |
| 60" | | 59.4 | 89.1 | 118.9 | 78.2 | 117.3 | 135.0 | 77.7 | 116.6 | 135.0 | 96.9 | 135.0 | 135.0 | 87.5 | 131.3 | 135.0 |
| 66" | | 56.0 | 84.0 | 112.1 | 73.7 | 110.5 | 135.0 | 73.3 | 109.9 | 135.0 | 91.4 | 135.0 | 135.0 | 82.5 | 123.8 | 135.0 |
| 72" | | 53.3 | 80.0 | 106.7 | 70.2 | 105.2 | 135.0 | 69.7 | 104.6 | 135.0 | 87.0 | 130.5 | 135.0 | 78.6 | 117.8 | 135.0 |
| 30" | 120" | 95.1 | 135.0 | 135.0 | 125.1 | 135.0 | 135.0 | 124.3 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 81.6 | 122.4 | 135.0 | 107.3 | 135.0 | 135.0 | 106.7 | 135.0 | 135.0 | 133.0 | 135.0 | 135.0 | 135.0 | 120.2 | 135.0 |
| 42" | | 72.0 | 108.1 | 135.0 | 94.8 | 135.0 | 135.0 | 94.2 | 135.0 | 135.0 | 117.5 | 135.0 | 135.0 | 106.1 | 135.0 | 135.0 |
| 48" | | 65.0 | 97.5 | 130.0 | 85.5 | 128.3 | 135.0 | 85.0 | 127.5 | 135.0 | 106.0 | 135.0 | 135.0 | 95.8 | 135.0 | 135.0 |
| 52" | | 61.3 | 91.9 | 122.6 | 80.6 | 120.9 | 135.0 | 80.1 | 120.2 | 135.0 | 99.9 | 135.0 | 135.0 | 90.3 | 135.0 | 135.0 |
| 54" | | 59.6 | 89.5 | 119.3 | 78.5 | 117.7 | 135.0 | 78.0 | 117.0 | 135.0 | 97.3 | 135.0 | 135.0 | 87.9 | 131.8 | 135.0 |
| 60" | | 55.5 | 83.2 | 110.9 | 73.0 | 109.4 | 135.0 | 72.5 | 108.8 | 135.0 | 90.5 | 135.0 | 135.0 | 81.7 | 122.6 | 135.0 |
| 66" | | 52.2 | 78.2 | 104.3 | 68.6 | 102.9 | 135.0 | 68.2 | 102.3 | 135.0 | 85.1 | 127.6 | 135.0 | 76.8 | 115.3 | 135.0 |
| 72" | | 49.5 | 74.3 | 99.0 | 65.1 | 97.7 | 130.3 | 64.8 | 97.1 | 129.5 | 80.8 | 121.1 | 135.0 | 73.0 | 109.4 | 135.0 |
| 30" | 126" | 89.9 | 134.9 | 135.0 | 118.3 | 135.0 | 135.0 | 117.6 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 132.5 | 135.0 | 135.0 |
| 36" | | 77.0 | 115.6 | 135.0 | 101.3 | 135.0 | 135.0 | 100.7 | 135.0 | 135.0 | 125.6 | 135.0 | 135.0 | 113.5 | 135.0 | 135.0 |
| 42" | | 67.9 | 101.9 | 135.0 | 89.3 | 134.0 | 135.0 | 88.8 | 133.2 | 135.0 | 110.8 | 135.0 | 135.0 | 100.0 | 135.0 | 135.0 |
| 48" | | 61.2 | 91.8 | 122.4 | 80.5 | 120.7 | 135.0 | 80.0 | 120.0 | 135.0 | 99.8 | 135.0 | 135.0 | 90.1 | 135.0 | 135.0 |
| 52" | | 57.6 | 86.4 | 115.2 | 75.8 | 113.6 | 135.0 | 75.3 | 113.0 | 135.0 | 93.9 | 135.0 | 135.0 | 84.8 | 127.3 | 135.0 |
| 54" | | 56.0 | 84.0 | 112.1 | 73.7 | 110.5 | 135.0 | 73.3 | 109.9 | 135.0 | 91.4 | 135.0 | 135.0 | 82.5 | 123.8 | 135.0 |
| 60" | | 52.0 | 78.0 | 104.0 | 68.4 | 102.6 | 135.0 | 68.0 | 102.0 | 135.0 | 84.8 | 127.2 | 135.0 | 76.6 | 114.9 | 135.0 |
| 66" | | 48.8 | 73.2 | 97.6 | 64.2 | 96.3 | 128.4 | 63.8 | 95.7 | 127.6 | 79.6 | 119.4 | 135.0 | 71.9 | 107.8 | 135.0 |

| ANCHOR LOAD CAPACITY – PSF (1/4" MAX. SHIMS) EXT.(+) & INT.(–) | | | | | | | | | | | | | | | | |
|---|--------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|
| NOMINAL DIMS. | | ANCHORS TYPE 'AW' | | | ANCHORS TYPE 'BW' | | | ANCHORS TYPE 'AC' | | | ANCHORS TYPE 'BC' | | | ANCHORS TYPE 'CM' | | |
| WIDTH (W) | FRAME HEIGHT | AW2 | AW3 | AW4 | BW2 | BW3 | BW4 | AC2 | AC3 | AC4 | BC2 | BC3 | BC4 | CM2 | CM3 | CM4 |
| 30" | 132" | 85.3 | 128.0 | 135.0 | 112.2 | 135.0 | 135.0 | 111.6 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 125.7 | 135.0 | 135.0 |
| 36" | | 73.0 | 109.5 | 135.0 | 96.0 | 135.0 | 135.0 | 95.4 | 135.0 | 135.0 | 119.0 | 135.0 | 135.0 | 107.5 | 135.0 | 135.0 |
| 42" | | 64.2 | 96.4 | 128.5 | 84.5 | 126.8 | 135.0 | 84.0 | 126.0 | 135.0 | 104.8 | 135.0 | 135.0 | 94.6 | 135.0 | 135.0 |
| 48" | | 57.8 | 86.7 | 115.6 | 76.0 | 114.0 | 135.0 | 75.6 | 113.3 | 135.0 | 94.2 | 135.0 | 135.0 | 85.1 | 127.7 | 135.0 |
| 52" | | 54.3 | 81.5 | 108.7 | 71.5 | 107.2 | 135.0 | 71.1 | 106.6 | 135.0 | 88.6 | 132.9 | 135.0 | 80.0 | 120.1 | 135.0 |
| 54" | | 52.8 | 79.2 | 105.7 | 69.5 | 104.2 | 135.0 | 69.1 | 103.6 | 135.0 | 86.1 | 129.2 | 135.0 | 77.8 | 116.7 | 135.0 |
| 60" | | 48.9 | 73.4 | 97.9 | 64.4 | 96.6 | 128.8 | 64.0 | 96.0 | 128.0 | 79.8 | 119.7 | 135.0 | 72.1 | 108.1 | 135.0 |
| 30" | 138" | 81.2 | 121.8 | 135.0 | 106.8 | 135.0 | 135.0 | 106.1 | 135.0 | 135.0 | 132.4 | 135.0 | 135.0 | 119.6 | 135.0 | 135.0 |
| 36" | | 69.3 | 104.0 | 135.0 | 91.2 | 135.0 | 135.0 | 90.7 | 135.0 | 135.0 | 113.1 | 135.0 | 135.0 | 102.1 | 135.0 | 135.0 |
| 42" | | 61.0 | 91.4 | 121.9 | 80.2 | 120.3 | 135.0 | 79.7 | 119.6 | 135.0 | 99.4 | 135.0 | 135.0 | 89.8 | 134.7 | 135.0 |
| 48" | | 54.7 | 82.1 | 109.5 | 72.0 | 108.0 | 135.0 | 71.6 | 107.4 | 135.0 | 89.3 | 133.9 | 135.0 | 80.6 | 120.9 | 135.0 |
| 52" | | 51.4 | 77.1 | 102.9 | 67.6 | 101.5 | 135.0 | 67.3 | 100.9 | 134.5 | 83.9 | 125.8 | 135.0 | 75.8 | 113.6 | 135.0 |
| 54" | | 50.0 | 75.0 | 99.9 | 65.7 | 98.6 | 131.5 | 65.3 | 98.0 | 130.7 | 81.5 | 122.2 | 135.0 | 73.6 | 110.4 | 135.0 |
| 60" | | 46.2 | 69.3 | 92.4 | 60.8 | 91.2 | 121.6 | 60.4 | 90.7 | 120.9 | 75.4 | 113.1 | 135.0 | 68.1 | 102.1 | 135.0 |
| 30" | 144" | 77.4 | 116.1 | 135.0 | 101.8 | 135.0 | 135.0 | 101.2 | 135.0 | 135.0 | 126.2 | 135.0 | 135.0 | 114.0 | 135.0 | 135.0 |
| 36" | | 66.0 | 99.0 | 132.1 | 86.9 | 130.3 | 135.0 | 86.3 | 129.5 | 135.0 | 107.7 | 135.0 | 135.0 | 97.3 | 135.0 | 135.0 |
| 42" | | 58.0 | 87.0 | 116.0 | 76.3 | 114.4 | 135.0 | 75.8 | 113.7 | 135.0 | 94.6 | 135.0 | 135.0 | 85.4 | 128.1 | 135.0 |
| 48" | | 52.0 | 78.0 | 104.0 | 68.4 | 102.6 | 135.0 | 68.0 | 102.0 | 135.0 | 84.8 | 127.2 | 135.0 | 76.6 | 114.9 | 135.0 |
| 52" | | 48.8 | 73.2 | 97.6 | 64.2 | 96.3 | 128.4 | 63.8 | 95.7 | 127.7 | 79.6 | 119.4 | 135.0 | 71.9 | 107.9 | 135.0 |
| 54" | | 47.4 | 71.1 | 94.8 | 62.4 | 93.5 | 124.7 | 62.0 | 93.0 | 124.0 | 77.3 | 116.0 | 135.0 | 69.8 | 104.8 | 135.0 |
| 60" | | 43.8 | 65.7 | 87.6 | 57.6 | 86.4 | 115.2 | 57.3 | 85.9 | 114.5 | 71.4 | 107.1 | 135.0 | 64.5 | 96.8 | 129.0 |

| ANCHOR LOAD CAPACITY – PSF (3/8" MAX. SHIMS) EXT.(+) & INT.(–) | | | | | | | | | | |
|---|--------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|
| NOMINAL DIMS. | | ANCHORS TYPE 'BW' | | | ANCHORS TYPE 'BC' | | | ANCHORS TYPE 'CM' | | |
| WIDTH (W) | FRAME HEIGHT | BW2 | BW3 | BW4 | BC2 | BC3 | BC4 | CM2 | CM3 | CM4 |
| 30" | 96" | 123.7 | 135.0 | 135.0 | 123.7 | 135.0 | 135.0 | 88.3 | 132.5 | 135.0 |
| 36" | | 107.1 | 135.0 | 135.0 | 107.1 | 135.0 | 135.0 | 76.4 | 114.7 | 135.0 |
| 42" | | 95.5 | 135.0 | 135.0 | 95.5 | 135.0 | 135.0 | 68.1 | 102.2 | 135.0 |
| 48" | | 87.0 | 130.5 | 135.0 | 87.0 | 130.5 | 135.0 | 62.1 | 93.2 | 124.2 |
| 52" | | 82.6 | 123.9 | 135.0 | 82.6 | 123.9 | 135.0 | 58.9 | 88.5 | 117.9 |
| 54" | | 80.7 | 121.0 | 135.0 | 80.7 | 121.0 | 135.0 | 57.6 | 86.4 | 115.2 |
| 60" | | 75.9 | 113.9 | 135.0 | 75.9 | 113.9 | 135.0 | 54.2 | 81.3 | 108.4 |
| 66" | | 72.3 | 108.5 | 135.0 | 72.3 | 108.5 | 135.0 | 51.6 | 77.4 | 103.2 |
| 72" | | 69.6 | 104.4 | 135.0 | 69.6 | 104.4 | 135.0 | 49.7 | 74.5 | 99.3 |
| 30" | 102" | 115.2 | 135.0 | 135.0 | 115.2 | 135.0 | 135.0 | 82.2 | 123.4 | 135.0 |
| 36" | | 99.4 | 135.0 | 135.0 | 99.4 | 135.0 | 135.0 | 71.0 | 106.5 | 135.0 |
| 42" | | 88.4 | 132.6 | 135.0 | 88.4 | 132.6 | 135.0 | 63.1 | 94.6 | 126.1 |
| 48" | | 80.3 | 120.5 | 135.0 | 80.3 | 120.5 | 135.0 | 57.3 | 86.0 | 114.6 |
| 52" | | 76.1 | 114.1 | 135.0 | 76.1 | 114.1 | 135.0 | 54.3 | 81.5 | 108.6 |
| 54" | | 74.2 | 111.4 | 135.0 | 74.2 | 111.4 | 135.0 | 53.0 | 79.5 | 106.0 |
| 60" | | 69.6 | 104.4 | 135.0 | 69.6 | 104.4 | 135.0 | 49.7 | 74.5 | 99.3 |
| 66" | | 66.0 | 99.0 | 132.0 | 66.0 | 99.0 | 132.0 | 47.1 | 70.7 | 94.2 |
| 72" | | 63.3 | 94.9 | 126.5 | 63.3 | 94.9 | 126.5 | 45.2 | 67.8 | 90.3 |
| 30" | 108" | 107.8 | 135.0 | 135.0 | 107.8 | 135.0 | 135.0 | 76.9 | 115.4 | 135.0 |
| 36" | | 92.8 | 135.0 | 135.0 | 92.8 | 135.0 | 135.0 | 66.2 | 99.4 | 132.4 |
| 42" | | 82.3 | 123.4 | 135.0 | 82.3 | 123.4 | 135.0 | 58.7 | 88.1 | 117.4 |
| 48" | | 74.6 | 111.9 | 135.0 | 74.6 | 111.9 | 135.0 | 53.2 | 79.9 | 106.4 |
| 52" | | 70.5 | 105.8 | 135.0 | 70.5 | 105.8 | 135.0 | 50.3 | 75.5 | 100.6 |
| 54" | | 68.7 | 103.1 | 135.0 | 68.7 | 103.1 | 135.0 | 49.1 | 73.6 | 98.1 |
| 60" | | 64.2 | 96.4 | 128.5 | 64.2 | 96.4 | 128.5 | 45.8 | 68.8 | 91.7 |
| 66" | | 60.7 | 91.1 | 121.5 | 60.7 | 91.1 | 121.5 | 43.3 | 65.0 | 86.7 |
| 72" | | 58.0 | 87.0 | 116.0 | 58.0 | 87.0 | 116.0 | 41.4 | 62.1 | 82.8 |
| 30" | 114" | 101.2 | 135.0 | 135.0 | 101.2 | 135.0 | 135.0 | 72.2 | 108.4 | 135.0 |
| 36" | | 87.0 | 130.5 | 135.0 | 87.0 | 130.5 | 135.0 | 62.1 | 93.2 | 124.2 |
| 42" | | 77.0 | 115.5 | 135.0 | 77.0 | 115.5 | 135.0 | 54.9 | 82.4 | 109.9 |
| 48" | | 69.6 | 104.4 | 135.0 | 69.6 | 104.4 | 135.0 | 49.7 | 74.5 | 99.3 |
| 52" | | 65.7 | 98.6 | 131.4 | 65.7 | 98.6 | 131.4 | 46.9 | 70.4 | 93.8 |
| 54" | | 64.0 | 96.0 | 128.0 | 64.0 | 96.0 | 128.0 | 45.7 | 68.5 | 91.3 |
| 60" | | 59.7 | 89.5 | 119.3 | 59.7 | 89.5 | 119.3 | 42.6 | 63.9 | 85.1 |
| 66" | | 56.2 | 84.4 | 112.5 | 56.2 | 84.4 | 112.5 | 40.1 | 60.2 | 80.3 |
| 72" | | 53.5 | 80.3 | 107.1 | 53.5 | 80.3 | 107.1 | 38.2 | 57.3 | 76.4 |
| 30" | 120" | 95.5 | 135.0 | 135.0 | 95.5 | 135.0 | 135.0 | 68.1 | 102.2 | 135.0 |
| 36" | | 81.9 | 122.8 | 135.0 | 81.9 | 122.8 | 135.0 | 58.4 | 87.7 | 116.9 |
| 42" | | 72.3 | 108.5 | 135.0 | 72.3 | 108.5 | 135.0 | 51.6 | 77.4 | 103.2 |
| 48" | | 65.3 | 97.9 | 130.5 | 65.3 | 97.9 | 130.5 | 46.6 | 69.9 | 93.1 |
| 52" | | 61.5 | 92.3 | 123.0 | 61.5 | 92.3 | 123.0 | 43.9 | 65.9 | 87.8 |
| 54" | | 59.9 | 89.8 | 119.7 | 59.9 | 89.8 | 119.7 | 42.7 | 64.1 | 85.4 |
| 60" | | 55.7 | 83.5 | 111.4 | 55.7 | 83.5 | 111.4 | 39.7 | 59.6 | 79.5 |
| 66" | | 52.4 | 78.5 | 104.7 | 52.4 | 78.5 | 104.7 | 37.4 | 56.1 | 74.7 |
| 72" | | 49.7 | 74.6 | 99.4 | 49.7 | 74.6 | 99.4 | 35.5 | 53.2 | 71.0 |
| 30" | 126" | 90.3 | 135.0 | 135.0 | 90.3 | 135.0 | 135.0 | 64.4 | 96.7 | 128.9 |
| 36" | | 77.3 | 116.0 | 135.0 | 77.3 | 116.0 | 135.0 | 55.2 | 82.8 | 110.4 |
| 42" | | 68.2 | 102.3 | 135.0 | 68.2 | 102.3 | 135.0 | 48.7 | 73.0 | 97.3 |
| 48" | | 61.4 | 92.1 | 122.8 | 61.4 | 92.1 | 122.8 | 43.8 | 65.8 | 87.6 |
| 52" | | 57.8 | 86.7 | 115.6 | 57.8 | 86.7 | 115.6 | 41.3 | 61.9 | 82.5 |
| 54" | | 56.2 | 84.4 | 112.5 | 56.2 | 84.4 | 112.5 | 40.1 | 60.2 | 80.3 |
| 60" | | 52.2 | 78.3 | 104.4 | 52.2 | 78.3 | 104.4 | 37.3 | 55.9 | 74.5 |
| 66" | | 49.0 | 73.5 | 98.0 | 49.0 | 73.5 | 98.0 | 35.0 | 52.5 | 69.9 |

| ANCHOR LOAD CAPACITY – PSF (3/8" MAX. SHIMS) EXT.(+) & INT.(–) | | | | | | | | | | |
|---|--------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|------|-------|
| NOMINAL DIMS. | | ANCHORS TYPE 'BW' | | | ANCHORS TYPE 'BC' | | | ANCHORS TYPE 'CM' | | |
| WIDTH (W) | FRAME HEIGHT | BW2 | BW3 | BW4 | BC2 | BC3 | BC4 | CM2 | CM3 | CM4 |
| 30" | 132" | 85.7 | 128.5 | 135.0 | 85.7 | 128.5 | 135.0 | 61.1 | 91.7 | 122.3 |
| 36" | | 73.3 | 109.9 | 135.0 | 73.3 | 109.9 | 135.0 | 52.3 | 78.5 | 104.6 |
| 42" | | 64.5 | 96.7 | 129.0 | 64.5 | 96.7 | 129.0 | 46.0 | 69.1 | 92.0 |
| 48" | | 58.0 | 87.0 | 116.0 | 58.0 | 87.0 | 116.0 | 41.4 | 62.1 | 82.8 |
| 52" | | 54.5 | 81.8 | 109.1 | 54.5 | 81.8 | 109.1 | 38.9 | 58.4 | 77.9 |
| 54" | | 53.0 | 79.5 | 106.1 | 53.0 | 79.5 | 106.1 | 37.8 | 56.8 | 75.7 |
| 60" | | 49.1 | 73.7 | 98.3 | 49.1 | 73.7 | 98.3 | 35.1 | 52.6 | 70.1 |
| 30" | 138" | 81.5 | 122.2 | 135.0 | 81.5 | 122.2 | 135.0 | 58.1 | 87.3 | 116.3 |
| 36" | | 69.6 | 104.4 | 135.0 | 69.6 | 104.4 | 135.0 | 49.7 | 74.5 | 99.3 |
| 42" | | 61.2 | 91.8 | 122.4 | 61.2 | 91.8 | 122.4 | 43.7 | 65.5 | 87.3 |
| 48" | | 54.9 | 82.4 | 109.9 | 54.9 | 82.4 | 109.9 | 39.2 | 58.8 | 78.4 |
| 52" | | 51.6 | 77.4 | 103.3 | 51.6 | 77.4 | 103.3 | 36.8 | 55.3 | 73.7 |
| 54" | | 50.2 | 75.2 | 100.3 | 50.2 | 75.2 | 100.3 | 35.8 | 53.7 | 71.6 |
| 60" | | 46.4 | 69.6 | 92.8 | 46.4 | 69.6 | 92.8 | 33.1 | 49.7 | 66.2 |
| 30" | 144" | 77.7 | 116.5 | 135.0 | 77.7 | 116.5 | 135.0 | 55.4 | 83.2 | 110.9 |
| 36" | | 66.3 | 99.4 | 132.6 | 66.3 | 99.4 | 132.6 | 47.3 | 71.0 | 94.6 |
| 42" | | 58.2 | 87.3 | 116.4 | 58.2 | 87.3 | 116.4 | 41.5 | 62.3 | 83.1 |
| 48" | | 52.2 | 78.3 | 104.4 | 52.2 | 78.3 | 104.4 | 37.3 | 55.9 | 74.5 |
| 52" | | 49.0 | 73.5 | 98.0 | 49.0 | 73.5 | 98.0 | 35.0 | 52.5 | 69.9 |
| 54" | | 47.6 | 71.4 | 95.2 | 47.6 | 71.4 | 95.2 | 34.0 | 51.0 | 67.9 |
| 60" | | 44.0 | 65.9 | 87.9 | 44.0 | 65.9 | 87.9 | 31.4 | 47.1 | 62.7 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



SEE SHEET 8 FOR ANCHOR TYPES.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control



HEAD/SILL ANCHORS

Sealed: 09/09/2020

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

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL. 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

revisions:
no date by description
A 01.20.17 GENERAL REVISION
B 10.05.17 NO CHANGE THIS SHEET
C 06.26.19 GENERAL REVISION
D 11.04.19 MANUF. ADDRESS REV.
E 06.25.20 UPDATED TO 2020 FBC

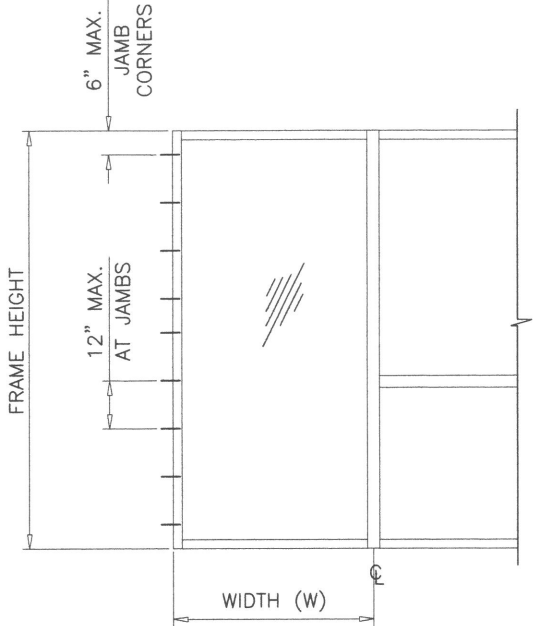
date: 03-21-14
scale: -
dr. by: TARIQ
chk. by:

drawing no.
W14-12
sheet 10 of 19

| JAMB ANCHOR LOAD CAPACITY – PSF EXT.(+) & INT.(–) | | | | | | |
|--|--------------|-----------------------|-----------------------|------------------------------|------------|------------|
| NOMINAL DIMS. | | ANCHORS 'AW', 'AC' | ANCHORS TYPES 'CM' | ANCHORS TYPES 'BW' & 'BC' | | |
| WIDTH (W) | FRAME HEIGHT | 1/4" SHIMS | 3/8" SHIMS | 1/4" SHIMS | 3/8" SHIMS | 1/4" SHIMS |
| 30" | 84" | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 48" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 54" | | 135.0 | 131.5 | 135.0 | 135.0 | 135.0 |
| 60" | | 135.0 | 124.9 | 135.0 | 135.0 | 135.0 |
| 66" | | 135.0 | 120.2 | 135.0 | 135.0 | 135.0 |
| 72" | | 135.0 | 117.1 | 135.0 | 135.0 | 135.0 |
| 30" | 90" | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 48" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 54" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 60" | | 135.0 | 128.4 | 135.0 | 135.0 | 135.0 |
| 66" | | 135.0 | 122.9 | 135.0 | 135.0 | 135.0 |
| 72" | | 135.0 | 118.9 | 135.0 | 135.0 | 135.0 |
| 30" | 96" | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 48" | | 135.0 | 133.8 | 135.0 | 135.0 | 135.0 |
| 54" | | 135.0 | 124.1 | 135.0 | 135.0 | 135.0 |
| 60" | | 135.0 | 116.8 | 135.0 | 135.0 | 135.0 |
| 66" | | 135.0 | 111.2 | 135.0 | 135.0 | 135.0 |
| 72" | | 133.3 | 107.0 | 133.3 | 135.0 | 135.0 |
| 30" | 102" | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 48" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 54" | | 135.0 | 128.4 | 135.0 | 135.0 | 135.0 |
| 60" | | 135.0 | 120.4 | 135.0 | 135.0 | 135.0 |
| 66" | | 135.0 | 114.2 | 135.0 | 135.0 | 135.0 |
| 72" | | 135.0 | 109.5 | 135.0 | 135.0 | 135.0 |
| 30" | 108" | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 48" | | 135.0 | 129.0 | 135.0 | 135.0 | 135.0 |
| 54" | | 135.0 | 118.9 | 135.0 | 135.0 | 135.0 |
| 60" | | 135.0 | 111.2 | 135.0 | 135.0 | 135.0 |
| 66" | | 130.9 | 105.1 | 130.9 | 135.0 | 135.0 |
| 72" | | 125.0 | 100.4 | 125.0 | 130.6 | 135.0 |
| 30" | 114" | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 48" | | 135.0 | 133.8 | 135.0 | 135.0 | 135.0 |
| 54" | | 135.0 | 123.0 | 135.0 | 135.0 | 135.0 |
| 60" | | 135.0 | 114.7 | 135.0 | 135.0 | 135.0 |
| 66" | | 134.7 | 108.1 | 134.7 | 135.0 | 135.0 |
| 72" | | 128.2 | 102.9 | 128.2 | 133.9 | 135.0 |
| 30" | 120" | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 48" | | 135.0 | 125.4 | 135.0 | 135.0 | 135.0 |
| 54" | | 135.0 | 115.1 | 135.0 | 135.0 | 135.0 |
| 60" | | 133.3 | 107.0 | 133.3 | 135.0 | 135.0 |
| 66" | | 125.4 | 100.7 | 125.4 | 131.0 | 135.0 |
| 72" | | 119.0 | 95.6 | 119.0 | 124.3 | 135.0 |

| JAMB ANCHOR LOAD CAPACITY – PSF EXT.(+) & INT.(–) | | | | | | |
|--|--------------|-----------------------|-----------------------|------------------------------|------------|------------|
| NOMINAL DIMS. | | ANCHORS 'AW', 'AC' | ANCHORS TYPES 'CM' | ANCHORS TYPES 'BW' & 'BC' | | |
| WIDTH (W) | FRAME HEIGHT | 1/4" SHIMS | 3/8" SHIMS | 1/4" SHIMS | 3/8" SHIMS | 1/4" SHIMS |
| 30" | 126" | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 48" | | 135.0 | 129.9 | 135.0 | 135.0 | 135.0 |
| 54" | | 135.0 | 118.9 | 135.0 | 135.0 | 135.0 |
| 60" | | 135.0 | 110.4 | 135.0 | 135.0 | 135.0 |
| 66" | | 129.0 | 103.6 | 129.0 | 134.8 | 135.0 |
| 72" | | 122.2 | 98.1 | 122.2 | 127.6 | 135.0 |
| 30" | 132" | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 48" | | 135.0 | 122.7 | 135.0 | 135.0 | 135.0 |
| 54" | | 135.0 | 112.1 | 135.0 | 135.0 | 135.0 |
| 60" | | 129.4 | 103.9 | 129.4 | 135.0 | 135.0 |
| 66" | | 121.2 | 97.3 | 121.2 | 126.6 | 135.0 |
| 72" | | 114.6 | 92.0 | 114.6 | 119.7 | 135.0 |
| 30" | 138" | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 48" | | 135.0 | 126.8 | 135.0 | 135.0 | 135.0 |
| 54" | | 135.0 | 115.7 | 135.0 | 135.0 | 135.0 |
| 60" | | 133.3 | 107.0 | 133.3 | 135.0 | 135.0 |
| 66" | | 124.7 | 100.1 | 124.7 | 130.2 | 135.0 |
| 72" | | 117.6 | 94.4 | 117.6 | 122.9 | 135.0 |
| 30" | 144" | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 36" | | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| 42" | | 135.0 | 134.3 | 135.0 | 135.0 | 135.0 |
| 48" | | 135.0 | 120.4 | 135.0 | 135.0 | 135.0 |
| 54" | | 135.0 | 109.8 | 135.0 | 135.0 | 135.0 |
| 60" | | 126.3 | 101.4 | 126.3 | 131.9 | 135.0 |
| 66" | | 117.9 | 94.7 | 117.9 | 123.2 | 135.0 |
| 72" | | 111.1 | 89.2 | 111.1 | 116.0 | 135.0 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



SEE SHEET 8 FOR ANCHOR TYPES.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control



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

COMP-ANL\W14-12AGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL. 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

revisions:

| no | date | by | description |
|----|----------|----|----------------------|
| A | 01.20.17 | | GENERAL REVISION |
| B | 10.05.17 | | NO CHANGE THIS SHEET |
| C | 06.26.19 | | GENERAL REVISION |
| D | 11.04.19 | | MANUF. ADDRESS REV. |
| E | 06.25.20 | | UPDATED TO 2020 FBC |

date: 03-21-14

scale: -

dr. by: TARIQ

chk. by:

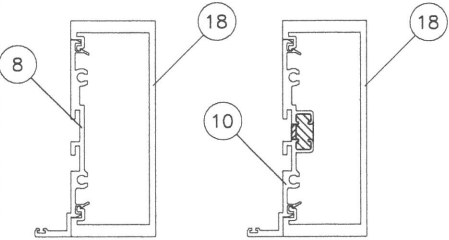
drawing no.

W14-12

sheet 10.1 of 19

| STD. DOOR MULLION LOAD CAPACITY | | |
|---------------------------------|--------------|-------------------|
| NOMINAL DIMS. | | W/O REINF. |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) & INT.(-) |
| 30" | 84" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 90.0 |
| 54" | | 90.0 |
| 60" | | 90.0 |
| 30" | 96" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 85.9 |
| 54" | | 76.4 |
| 60" | | 68.7 |
| 30" | 97-3/4" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 82.7 |
| 54" | | 73.5 |
| 58" | | 68.4 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

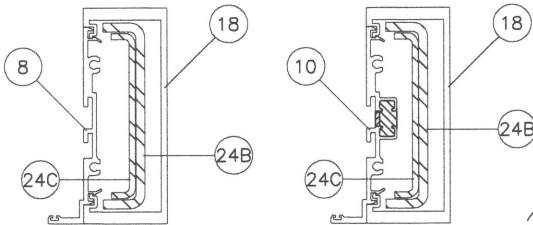


STD. DOOR MULLION
W/O REINF.

| | |
|---------|---------|
| Ix IN^4 | Sx IN^3 |
| 6.063 | 2.695 |

| STD. DOOR MULLION LOAD CAPACITY | | |
|---------------------------------|--------------|-------------------|
| NOMINAL DIMS. | | WITH REINF. |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) & INT.(-) |
| 30" | 84" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 90.0 |
| 54" | | 90.0 |
| 60" | | 90.0 |
| 30" | 96" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 90.0 |
| 54" | | 90.0 |
| 60" | | 90.0 |
| 30" | 102" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 90.0 |
| 54" | | 90.0 |
| 60" | | 90.0 |
| 30" | 108" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 90.0 |
| 54" | | 81.7 |
| 60" | | 81.7 |
| 30" | 114" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 90.0 |
| 54" | | 81.5 |
| 60" | | 73.4 |
| 30" | 120" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 82.7 |
| 54" | | 73.6 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



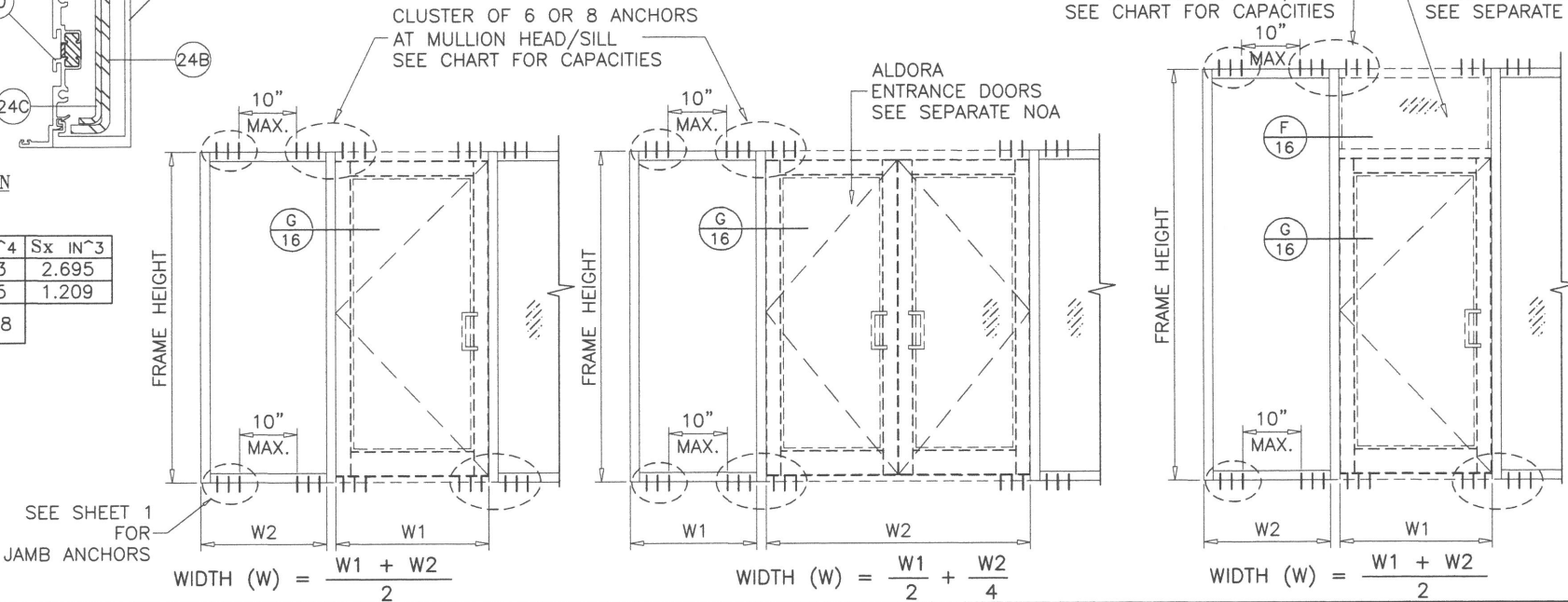
STD. DOOR MULLION
WITH REINF.

| | | |
|---------------------------------|---------|---------|
| | Ix IN^4 | Sx IN^3 |
| ALUMINUM | 6.063 | 2.695 |
| STEEL | 6.795 | 1.209 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 12.858 | |

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control

| DOOR MULLION ANCHORS LOAD CAPACITY - PSF | | | | | | | | |
|--|--------------|-----------------------------|----------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| NOMINAL DIMS. | | 6 ANCHORS AT MULLION ENDS | | | | 8 ANCHORS AT MULLION ENDS | | |
| | | 1/4" MAX. SHIMS | | 3/8" SHIMS | | 1/4" MAX. SHIMS | | 3/8" SHIMS |
| | | ANCHOR TYPES 'AW' & 'AC' | ANCHOR TYPES 'CM' | ANCHOR TYPES 'BW' & 'BC' | ANCHOR TYPES 'BW' & 'BC' | ANCHOR TYPES 'AW' & 'AC' | ANCHOR TYPES 'BW' & 'BC' | ANCHOR TYPES 'BW' & 'BC' |
| WIDTH (W) | FRAME HEIGHT | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) |
| 30" | 84" | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 54" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 60" | | 89.1 | 90.0 | 90.0 | 89.5 | 90.0 | 90.0 | 90.0 |
| 30" | 96" | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 54" | | 86.7 | 90.0 | 90.0 | 87.0 | 90.0 | 90.0 | 90.0 |
| 60" | | 78.0 | 90.0 | 90.0 | 78.3 | 90.0 | 90.0 | 90.0 |
| 30" | 102" | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 54" | | 81.6 | 90.0 | 90.0 | 81.9 | 90.0 | 90.0 | 90.0 |
| 60" | | 73.4 | 90.0 | 90.0 | 73.7 | 90.0 | 90.0 | 90.0 |
| 30" | 108" | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 54" | | 86.7 | 90.0 | 90.0 | 87.0 | 90.0 | 90.0 | 90.0 |
| 60" | | 77.0 | 90.0 | 90.0 | 77.3 | 90.0 | 90.0 | 90.0 |
| 30" | 114" | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 42" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 48" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 54" | | 82.1 | 90.0 | 90.0 | 82.4 | 90.0 | 90.0 | 90.0 |
| 60" | | 73.0 | 90.0 | 90.0 | 73.3 | 90.0 | 90.0 | 90.0 |
| 30" | 120" | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 36" | | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 42" | | 89.1 | 90.0 | 90.0 | 89.5 | 90.0 | 90.0 | 90.0 |
| 48" | | 78.0 | 90.0 | 90.0 | 78.3 | 90.0 | 90.0 | 90.0 |
| 54" | | 69.3 | 90.0 | 90.0 | 69.6 | 88.0 | 90.0 | 90.0 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



Sealed: 09/09/2020

DOOR MULLION



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

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL. 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

revisions:

| no | date | by | description |
|----|----------|----|------------------------|
| A | 01.20.17 | | EDITORIAL CHANGES ONLY |
| B | 10.05.17 | | REV. PER RER COMMENTS |
| C | 06.26.19 | | GENERAL REVISION |
| D | 11.04.19 | | MANUF. ADDRESS REV. |
| E | 06.25.20 | | UPDATED TO 2020 FBC |

date: 03-21-14
scale: -
dr. by: TARIQ
chk. by:
drawing no.
W14-12
sheet 11 of 19

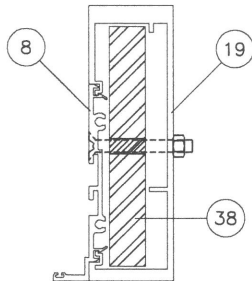
COMP-ANL\W14-12AGP

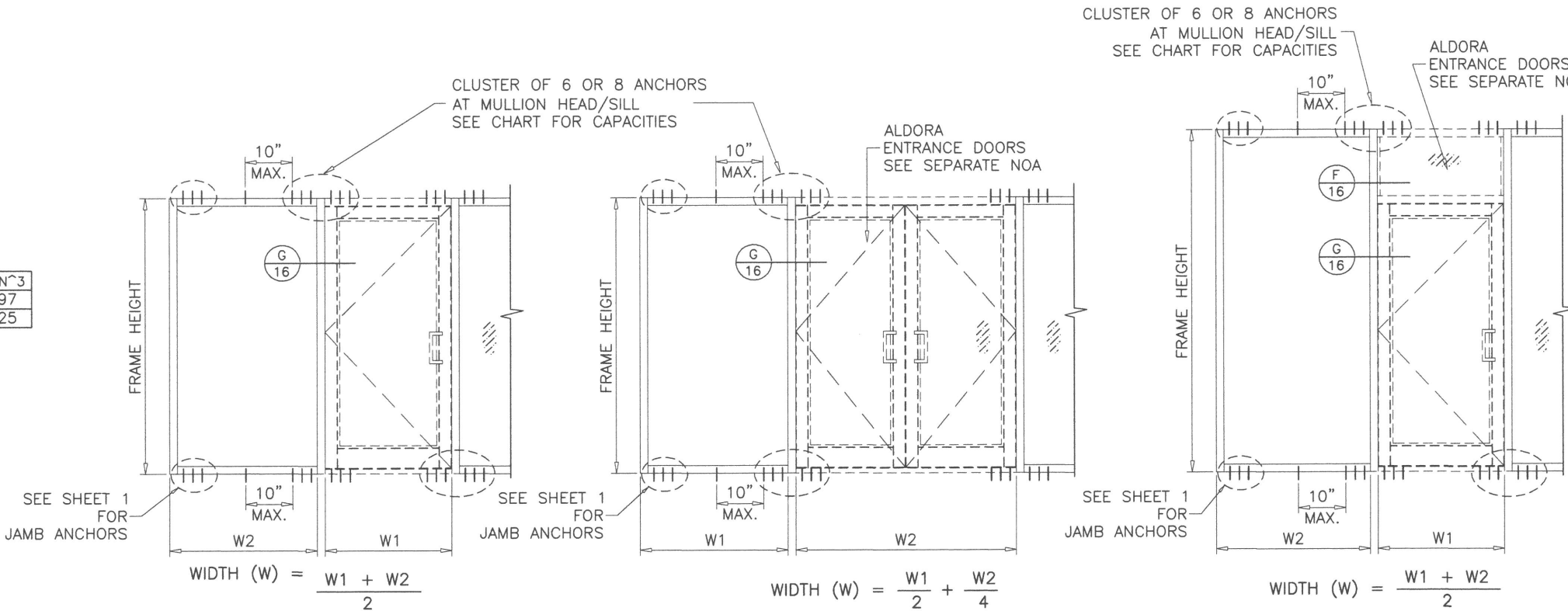
| H.D. DOOR MULLION LOAD CAPACITY | | |
|---------------------------------|--------------|-------------------|
| NOMINAL DIMS. | | WITH REINF. |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) & INT.(-) |
| 30" | 126" | 80.0 |
| 36" | | 80.0 |
| 42" | | 80.0 |
| 48" | | 80.0 |
| 54" | | 80.0 |
| 60" | | 80.0 |
| 30" | 132" | 80.0 |
| 36" | | 80.0 |
| 42" | | 80.0 |
| 48" | | 80.0 |
| 54" | | 80.0 |
| 30" | 138" | 80.0 |
| 36" | | 80.0 |
| 42" | | 80.0 |
| 48" | | 80.0 |
| 54" | | 80.0 |
| 30" | 144" | 80.0 |
| 36" | | 80.0 |
| 42" | | 80.0 |
| 48" | | 80.0 |
| 54" | | 80.0 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

| DOOR MULLION ANCHORS LOAD CAPACITY - PSF | | | | | | | | |
|--|--------------|-----------------------------|----------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| NOMINAL DIMS. | | 6 ANCHORS AT MULLION ENDS | | | | 8 ANCHORS AT MULLION ENDS | | |
| | | 1/4" MAX. SHIMS | | 3/8" SHIMS | | 1/4" MAX. SHIMS | | 3/8" SHIMS |
| | | ANCHOR TYPES 'AW' & 'AC' | ANCHOR TYPES 'CM' | ANCHOR TYPES 'BW' & 'BC' | ANCHOR TYPES 'BW' & 'BC' | ANCHOR TYPES 'AW' & 'AC' | ANCHOR TYPES 'BW' & 'BC' | ANCHOR TYPES 'BW' & 'BC' |
| WIDTH (W) | FRAME HEIGHT | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) |
| 30" | 126" | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 36" | | 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 |
| 48" | | 74.3 | 80.0 | 80.0 | 74.6 | 80.0 | 80.0 | 80.0 |
| 54" | | 66.0 | 80.0 | 80.0 | 66.3 | 80.0 | 80.0 | 80.0 |
| 60" | | 59.4 | 80.0 | 78.2 | 59.7 | 80.0 | 80.0 | 79.5 |
| 30" | 132" | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 36" | | 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 |
| 48" | | 70.9 | 80.0 | 80.0 | 71.2 | 80.0 | 80.0 | 80.0 |
| 54" | | 63.0 | 80.0 | 80.0 | 63.3 | 80.0 | 80.0 | 80.0 |
| 30" | 138" | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 42" | | 77.5 | 80.0 | 80.0 | 77.8 | 80.0 | 80.0 | 80.0 |
| 48" | | 67.8 | 80.0 | 80.0 | 68.1 | 80.0 | 80.0 | 80.0 |
| 54" | | 60.3 | 80.0 | 79.3 | 60.5 | 80.0 | 80.0 | 80.0 |
| 30" | 144" | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 36" | | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 42" | | 74.3 | 80.0 | 80.0 | 74.6 | 80.0 | 80.0 | 80.0 |
| 48" | | 65.0 | 80.0 | 80.0 | 65.3 | 80.0 | 80.0 | 80.0 |
| 54" | | 57.8 | 80.0 | 76.0 | 58.0 | 77.0 | 80.0 | 77.3 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

| | | |
|--|---------|---------|
|  | | |
| H.D. DOOR MULLION WITH REINF. | | |
| | Ix IN^4 | Sx IN^3 |
| ALUMINUM | 11.342 | 3.497 |
| STEEL | 7.8125 | 3.125 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 33.7739 | |



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control



DOOR MULLION

Sealed: 09/09/2020

af c

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

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL. 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

revisions:

| no | date | by | description |
|----|----------|----|---------------------|
| C | 06.26.19 | | GENERAL REVISION |
| D | 11.04.19 | | MANUF. ADDRESS REV. |
| E | 06.25.20 | | UPDATED TO 2020 FBC |

date: 03-21-14

scale: -

dr. by: TARIQ

chk. by:

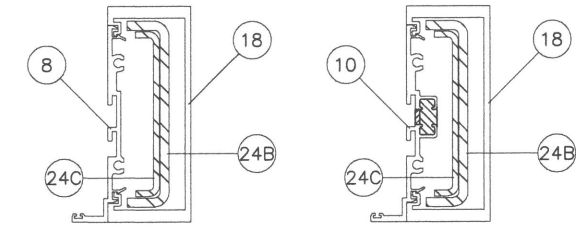
drawing no.

W14-12

sheet 11.1 of 19

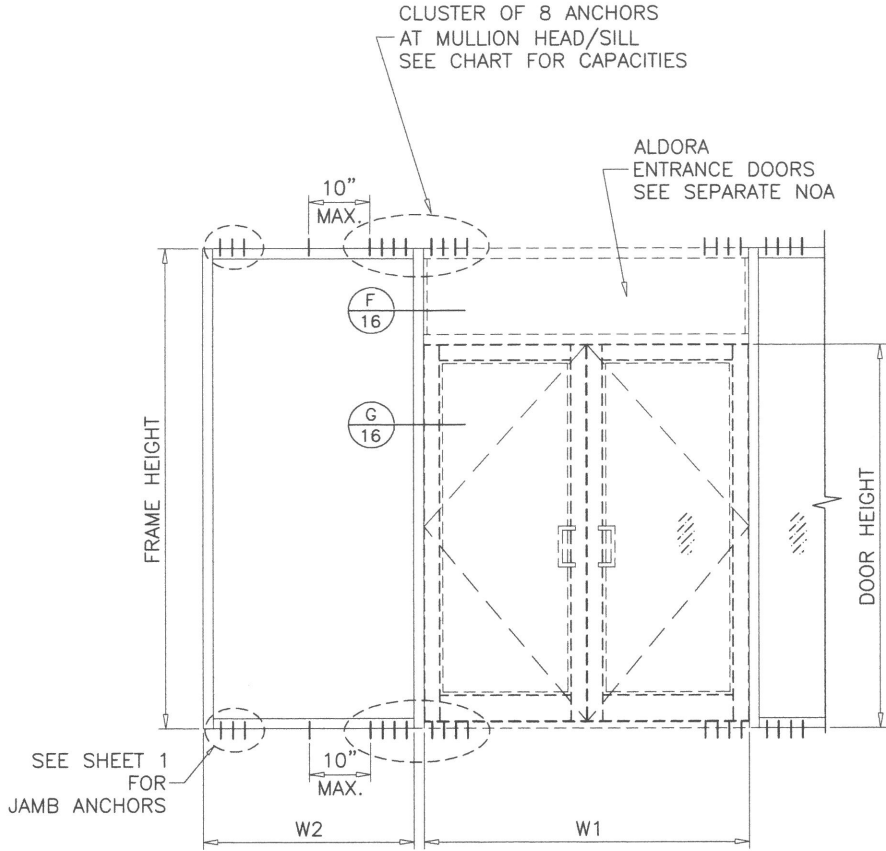
| STD. DOOR MULLION LOAD CAPACITY - PSF | | | | |
|---------------------------------------|-----------------------|----------------------|----------------------|----------------------|
| NOMINAL DIMS. | | | | WITH REINF. |
| FRAME HEIGHT INCHES | DOOR HEIGHT INCHES | WIDTH (W1) INCHES | WIDTH (W2) INCHES | EXT. (+) INT. (-) |
| 108 | 84 | 72 | 30 | 90.0 |
| | | | 36 | 90.0 |
| | | | 42 | 90.0 |
| | | | 48 | 90.0 |
| | | | 54 | 85.4 |
| | | 84 | 60 | 81.1 |
| | | | 30 | 90.0 |
| | | | 36 | 90.0 |
| | | | 42 | 86.8 |
| | | | 48 | 82.4 |
| 120 | 84 | 72 | 54 | 78.4 |
| | | | 60 | 74.8 |
| | | 84 | 30 | 90.0 |
| | | | 36 | 90.0 |
| | | | 42 | 86.8 |
| | | | 48 | 82.4 |
| | | | 54 | 78.4 |
| | | | 60 | 74.8 |
| | | 72 | 30 | 82.5 |
| | | | 36 | 77.7 |
| 108 | 96 | 72 | 42 | 73.4 |
| | | | 48 | 69.5 |
| | | | 54 | 66.1 |
| | | | 60 | 62.9 |
| | | 84 | 30 | 74.0 |
| | | | 36 | 70.1 |
| | | | 42 | 66.6 |
| | | | 48 | 63.4 |
| | | | 54 | 60.5 |
| | | | 60 | 57.9 |
| 120 | 96 | 72 | 30 | 90.0 |
| | | | 36 | 90.0 |
| | | | 42 | 90.0 |
| | | | 48 | 90.0 |
| | | | 54 | 90.0 |
| | | 84 | 60 | 89.0 |
| | | | 30 | 90.0 |
| | | | 36 | 90.0 |
| | | | 42 | 90.0 |
| | | | 48 | 90.0 |
| 108 | 84 | 72 | 54 | 87.1 |
| | | | 60 | 82.7 |
| | | 84 | 30 | 90.0 |
| | | | 36 | 90.0 |
| | | | 42 | 90.0 |
| | | | 48 | 90.0 |
| | | | 54 | 87.1 |
| | | | 60 | 82.7 |
| | | 72 | 30 | 89.2 |
| | | | 36 | 83.6 |
| 120 | 96 | 72 | 42 | 78.6 |
| | | | 48 | 74.2 |
| | | | 54 | 70.3 |
| | | | 60 | 66.7 |
| | | 84 | 30 | 80.3 |
| | | | 36 | 75.7 |
| | | | 42 | 71.6 |
| | | | 48 | 68.0 |
| | | | 54 | 64.6 |
| | | | 60 | 61.6 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



STD. DOOR MULLION
WITH REINF.

| | Ix IN^4 | Sx IN^3 |
|---------------------------------|---------|---------|
| ALUMINUM | 6.063 | 2.695 |
| STEEL | 6.795 | 1.209 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 12.858 | |



| DOOR MULLION ANCHORS LOAD CAPACITY - PSF | | | | | | | |
|--|-----------------------|----------------------|----------------------|-----------------------------|----------------------|-----------------------------|-----------------------------|
| NOMINAL DIMS. | | | | 1/4" MAX. SHIMS | | 3/8" SHIMS | |
| | | | | ANCHOR TYPES 'AW' & 'AC' | ANCHOR TYPES 'CM' | ANCHOR TYPES 'BW' & 'BC' | ANCHOR TYPES 'BW' & 'BC' |
| FRAME HEIGHT INCHES | DOOR HEIGHT INCHES | WIDTH (W1) INCHES | WIDTH (W2) INCHES | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) |
| 108 | 96 | 72 | 30 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 36 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 42 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 48 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 54 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | 84 | 60 | 86.7 | 90.0 | 90.0 | 87.0 |
| | | | 30 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 36 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 42 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 48 | 90.0 | 90.0 | 90.0 | 87.5 |
| 120 | 96 | 72 | 54 | 90.0 | 90.0 | 90.0 | 83.5 |
| | | | 60 | 79.6 | 90.0 | 90.0 | 79.9 |
| | | 84 | 30 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 36 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 42 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 48 | 88.5 | 90.0 | 90.0 | 90.0 |
| | | | 54 | 84.0 | 90.0 | 90.0 | 90.0 |
| | | | 60 | 80.0 | 90.0 | 90.0 | 90.0 |
| | | 72 | 30 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 36 | 89.5 | 90.0 | 90.0 | 89.8 |
| 108 | 84 | 72 | 42 | 84.9 | 90.0 | 90.0 | 85.2 |
| | | | 48 | 80.8 | 90.0 | 90.0 | 81.1 |
| | | | 54 | 77.0 | 90.0 | 90.0 | 77.3 |
| | | | 60 | 73.6 | 90.0 | 90.0 | 73.9 |
| | | 84 | 30 | 90.0 | 90.0 | 90.0 | 90.0 |
| | | | 36 | 89.5 | 90.0 | 90.0 | 89.8 |
| | | | 42 | 84.9 | 90.0 | 90.0 | 85.2 |
| | | | 48 | 80.8 | 90.0 | 90.0 | 81.1 |
| | | | 54 | 77.0 | 90.0 | 90.0 | 77.3 |
| | | | 60 | 73.6 | 90.0 | 90.0 | 73.9 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

DOOR MULLION

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control



Sealed: 09/09/2020

afC
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\W14-12AGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL. 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

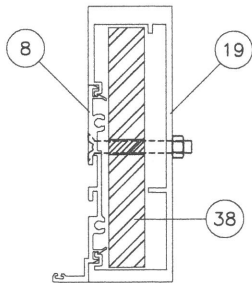
revisions:

| no | date | by | description |
|----|----------|----|------------------------|
| A | 01.20.17 | | EDITORIAL CHANGES ONLY |
| B | 10.05.17 | | REV. PER RER COMMENTS |
| C | 06.26.19 | | GENERAL REVISION |
| D | 11.04.19 | | MANUF. ADDRESS REV. |
| E | 06.25.20 | | UPDATED TO 2020 FBC |

date: 03-21-14
scale: -
dr. by: TARIQ
chk. by:
drawing no.
W14-12
sheet 11.2 of 19

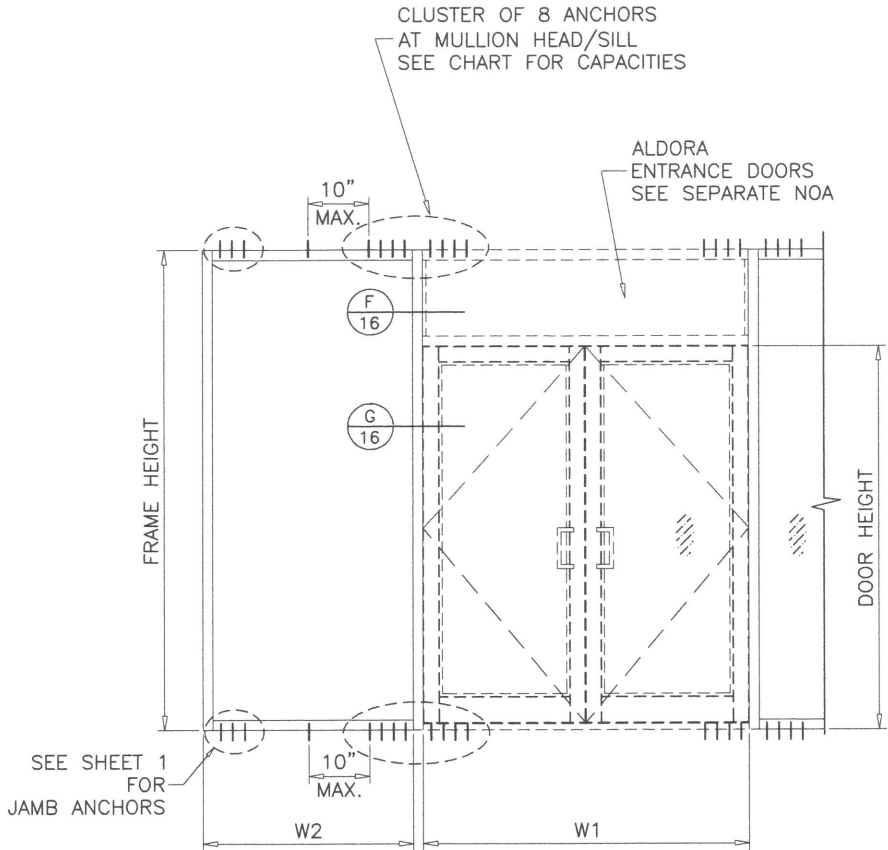
| H.D. DOOR MULLION LOAD CAPACITY - PSF | | | | |
|---------------------------------------|-----------------------|----------------------|----------------------|----------------------|
| NOMINAL DIMS. | | | | WITH REINF. |
| FRAME HEIGHT INCHES | DOOR HEIGHT INCHES | WIDTH (W1) INCHES | WIDTH (W2) INCHES | EXT. (+) INT. (-) |
| 144 | 84 | 84 | 30 | 80.0 |
| | | | 36 | 80.0 |
| | | | 42 | 80.0 |
| | | | 48 | 80.0 |
| | | | 54 | 80.0 |
| | | | 60 | 79.1 |
| | | 92 | 30 | 80.0 |
| | | | 36 | 80.0 |
| | | | 42 | 80.0 |
| | | | 48 | 80.0 |
| | | | 54 | 78.0 |
| | | | 60 | 74.9 |
| | | 98-1/2 | 30 | 80.0 |
| | | | 36 | 80.0 |
| | | | 42 | 80.0 |
| | | | 48 | 77.8 |
| | | | 54 | 74.7 |
| | | | 60 | 71.9 |
| | 96 | 84 | 30 | 80.0 |
| | | | 36 | 80.0 |
| | | | 42 | 80.0 |
| | | | 48 | 80.0 |
| | | | 54 | 80.0 |
| | | | 60 | 80.0 |
| | | 92 | 30 | 80.0 |
| | | | 36 | 80.0 |
| | | | 42 | 80.0 |
| | | | 48 | 80.0 |
| | | | 54 | 80.0 |
| | | | 60 | 76.9 |
| | | 98-1/2 | 30 | 80.0 |
| | | | 36 | 80.0 |
| | | | 42 | 80.0 |
| | | | 48 | 80.0 |
| | | | 54 | 76.8 |
| | | | 60 | 73.8 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



H.D. DOOR MULLION
WITH REINF.

| | Ix IN^4 | Sx IN^3 |
|---------------------------------|---------|---------|
| ALUMINUM | 11.342 | 3.497 |
| STEEL | 7.8125 | 3.125 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 33.7739 | |



| DOOR MULLION ANCHORS LOAD CAPACITY - PSF | | | | | | | |
|--|-----------------------|----------------------|----------------------|-----------------------------|----------------------|-----------------------------|-----------------------------|
| NOMINAL DIMS. | | | | 1/4" MAX. SHIMS | | | 3/8" SHIMS |
| | | | | ANCHOR TYPES 'AW' & 'AC' | ANCHOR TYPES 'CM' | ANCHOR TYPES 'BW' & 'BC' | ANCHOR TYPES 'BW' & 'BC' |
| FRAME HEIGHT INCHES | DOOR HEIGHT INCHES | WIDTH (W1) INCHES | WIDTH (W2) INCHES | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) |
| 144 | 84 | 84 | 30 | 80.0 | 80.0 | 80.0 | 80.0 |
| | | | 36 | 80.0 | 80.0 | 80.0 | 80.0 |
| | | | 42 | 76.7 | 80.0 | 80.0 | 77.0 |
| | | | 48 | 72.7 | 80.0 | 80.0 | 72.9 |
| | | | 54 | 69.0 | 80.0 | 80.0 | 69.3 |
| | | | 60 | 65.8 | 80.0 | 80.0 | 66.0 |
| | | 92 | 30 | 80.0 | 80.0 | 80.0 | 80.0 |
| | | | 36 | 76.4 | 80.0 | 80.0 | 76.7 |
| | | | 42 | 72.5 | 80.0 | 80.0 | 72.7 |
| | | | 48 | 68.9 | 80.0 | 80.0 | 69.1 |
| | | | 54 | 65.6 | 80.0 | 80.0 | 65.9 |
| | | | 60 | 62.6 | 80.0 | 80.0 | 62.9 |
| | | 98-1/2 | 30 | 77.1 | 80.0 | 80.0 | 77.3 |
| | | | 36 | 73.0 | 80.0 | 80.0 | 73.3 |
| | | | 42 | 69.3 | 80.0 | 80.0 | 69.6 |
| | | | 48 | 66.0 | 80.0 | 80.0 | 66.3 |
| | | | 54 | 63.0 | 80.0 | 80.0 | 63.3 |
| | | | 60 | 60.3 | 88.8 | 79.3 | 60.5 |
| | 96 | 84 | 30 | 83.2 | 80.0 | 80.0 | 80.0 |
| | | | 36 | 78.5 | 80.0 | 80.0 | 78.8 |
| | | | 42 | 74.3 | 80.0 | 80.0 | 74.6 |
| | | | 48 | 70.5 | 80.0 | 80.0 | 70.8 |
| | | | 54 | 67.1 | 80.0 | 80.0 | 67.4 |
| | | | 60 | 64.0 | 80.0 | 80.0 | 64.2 |
| | | 92 | 30 | 78.0 | 80.0 | 80.0 | 78.3 |
| | | | 36 | 73.8 | 80.0 | 80.0 | 74.1 |
| | | | 42 | 70.1 | 80.0 | 80.0 | 70.4 |
| | | | 48 | 66.7 | 80.0 | 80.0 | 67.0 |
| | | | 54 | 63.7 | 80.0 | 80.0 | 63.9 |
| | | | 60 | 60.9 | 80.0 | 80.0 | 61.1 |
| | | 98-1/2 | 30 | 74.2 | 80.0 | 80.0 | 74.5 |
| | | | 36 | 70.5 | 80.0 | 80.0 | 70.7 |
| | | | 42 | 67.1 | 80.0 | 80.0 | 67.3 |
| | | | 48 | 64.0 | 80.0 | 80.0 | 64.2 |
| | | | 54 | 61.1 | 80.0 | 80.0 | 61.4 |
| | | | 60 | 58.6 | 80.0 | 77.0 | 58.8 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control



DOOR MULLION

Sealed: 09/09/2020

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 W14-12AGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

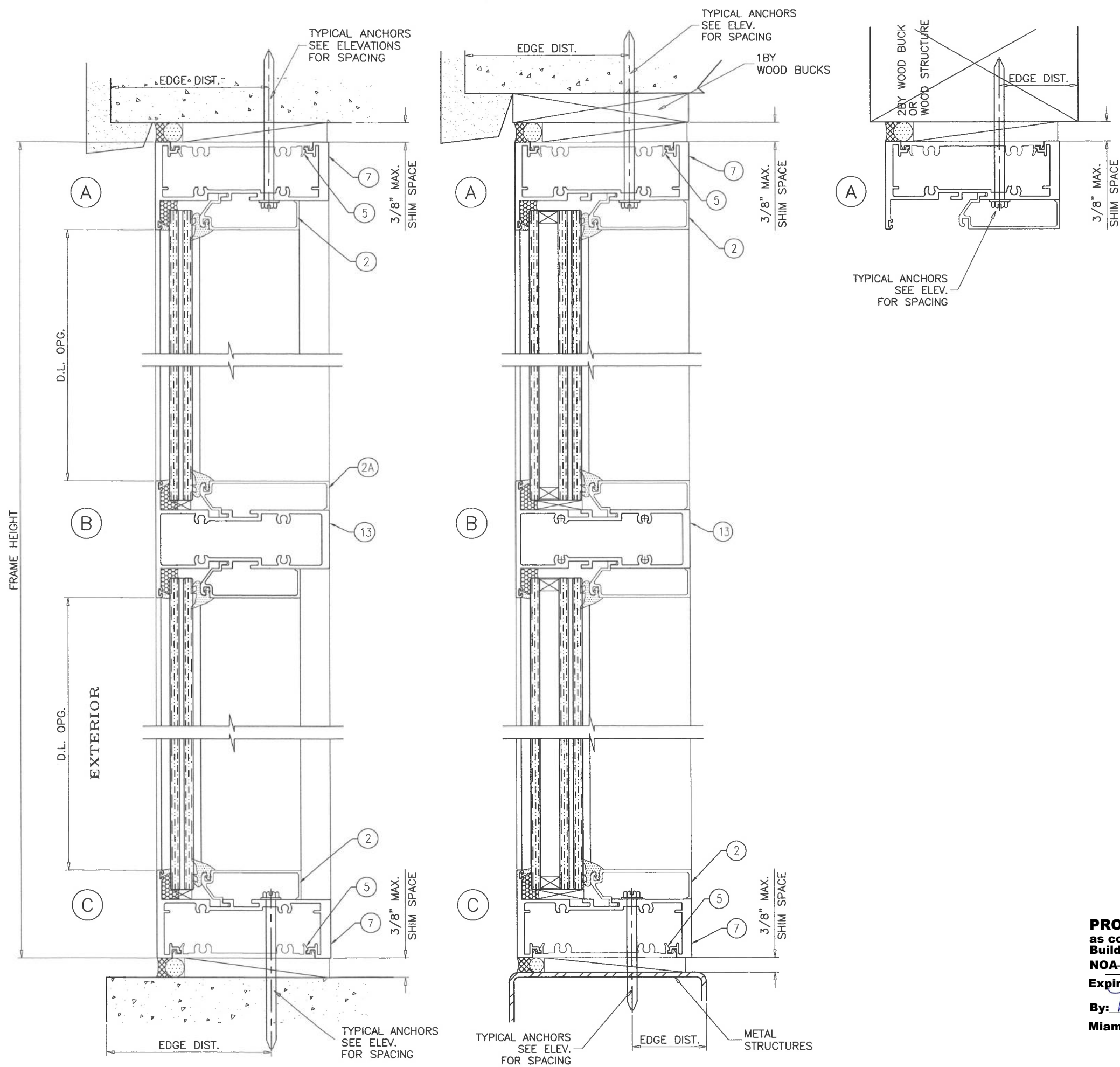
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive
Coral Springs, FL. 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

revisions:

| no | date | by | description |
|----|----------|----|---------------------|
| C | 06.26.19 | | GENERAL REVISION |
| D | 11.04.19 | | MANUF. ADDRESS REV. |
| E | 06.25.20 | | UPDATED TO 2020 FBC |

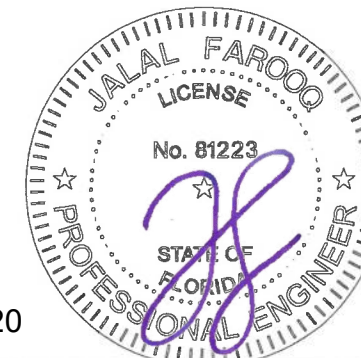
date: 03-21-14
scale: -
dr. by: TARIQ
chk. by:

drawing no.
W14-12
sheet 11.3 of 19



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Fern*
Miami-Dade Product Control

Sealed: 09/09/2020



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COMP-ANL W14-12AGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

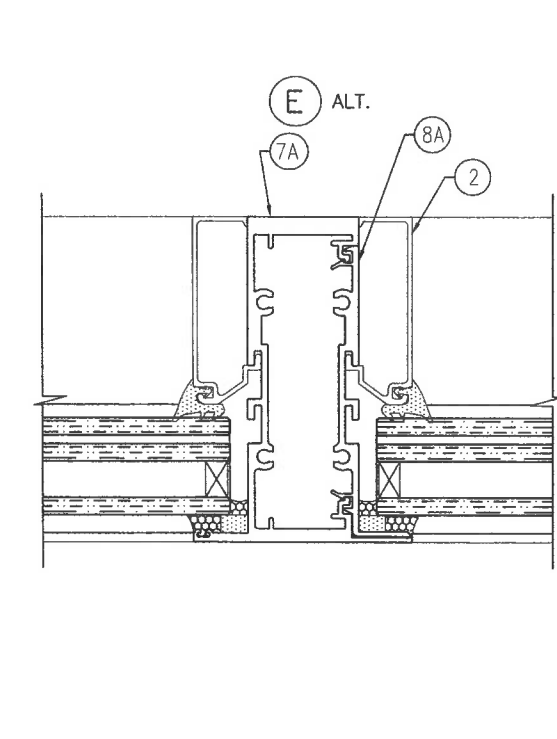
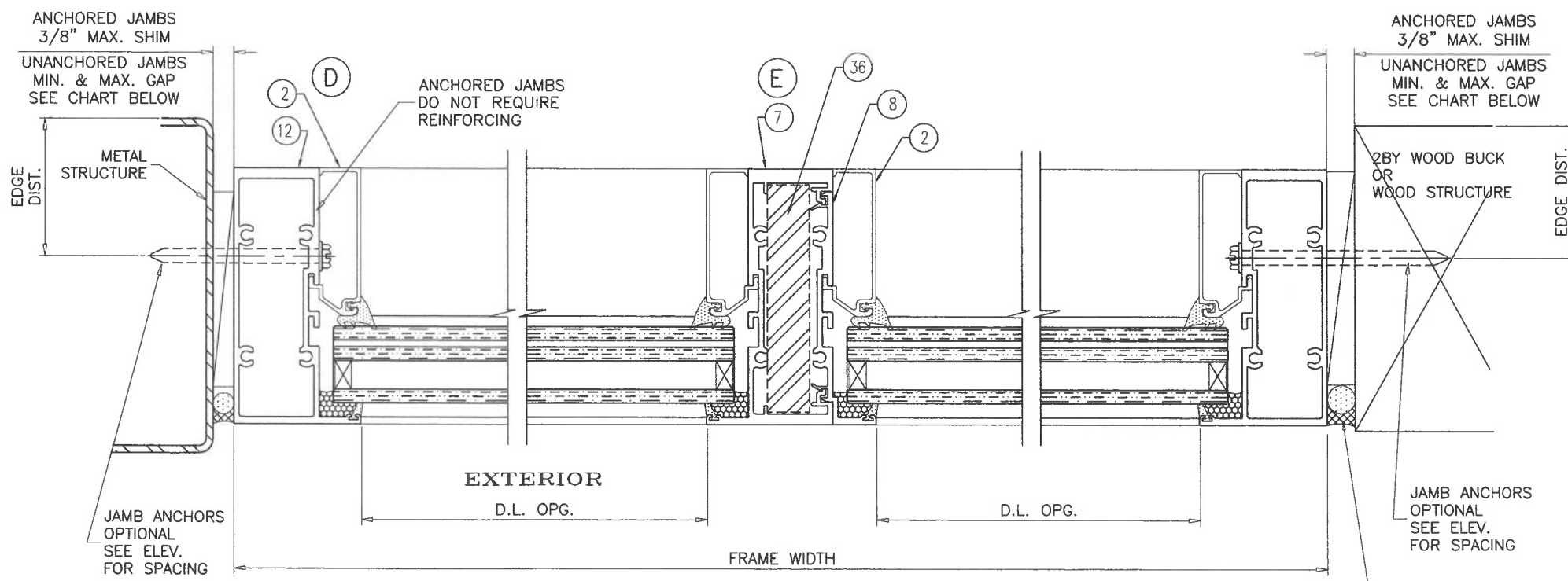
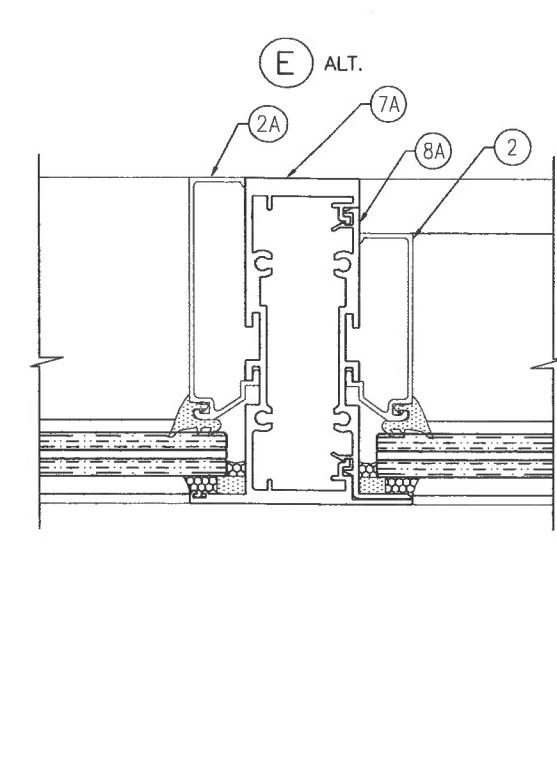
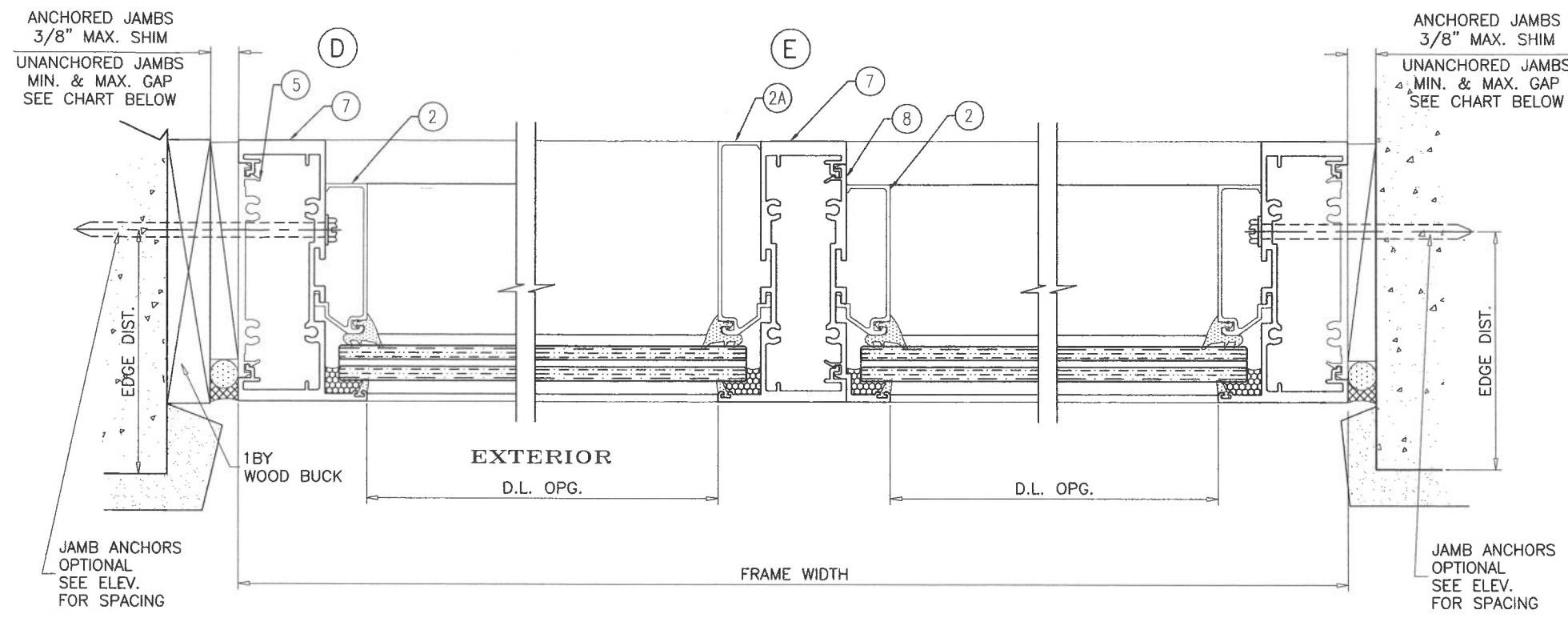
Aldora Aluminum & Glass Products Inc.
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Coral Springs, FL 33065
Tel. (305) 888-6288 Fax. (305) 888-6289

revisions:

| no | date | by | description |
|----|----------|----|----------------------|
| A | 01.20.17 | | GENERAL REVISION |
| B | 10.05.17 | | NO CHANGE THIS SHEET |
| C | 06.26.19 | | GENERAL REVISION |
| D | 11.04.19 | | MANUF. ADDRESS REV. |
| E | 06.25.20 | | UPDATED TO 2020 FBC |

date: 03-21-14
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W14-12
sheet 12 of 19



| MAX. FRAME HEIGHT | MAX. GAPS FOR UNANCHORED JAMBS | | | |
|-------------------|-----------------------------------|------|-------------------------------|------|
| | MULLION M1, M3 JAMB J1, J2, J3 | | MULLION M2, M4 JAMB J2, J4 | |
| | MIN. | MAX. | MIN. | MAX. |
| 84" | 1/4" | 1" | 1/4" | 1" |
| 96" | 1/4" | 1" | 1/4" | 1" |
| 108" | 1/4" | 1" | 3/8" | 1" |
| 120" | 1/4" | 1" | 3/8" | 1" |
| 132" | — | — | 3/8" | 1" |
| 144" | — | — | 3/8" | 1" |

NOTE:
MAX. MOVEMENT CONSIDERED=100% STRETCH.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

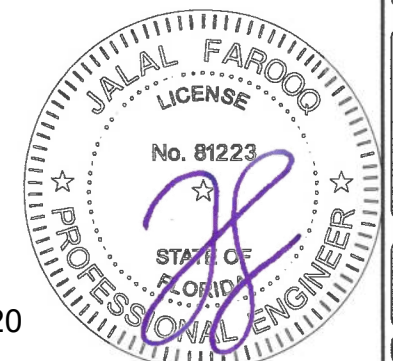
ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.

GAPS LESS THAN 1/4" MAY BE DESIGNED BY ENGINEER OF RECORD BY THE USE OF BOND BREAKER TAPE OR 15% OF GAP ALLOWED MOVEMENT.
REFER TO SHEETS 4 THRU 7 FOR SELECTION OF MULLION/JAMB WITH REINFORCED & UNREINFORCED FRAMES.

SILICONE AT UNANCHORED JAMBS
DOWSIL 790
DEPTH = 3/8" MIN.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Ferrer*
Miami-Dade Product Control

Sealed: 09/09/2020



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COMP-ANL W14-12AGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

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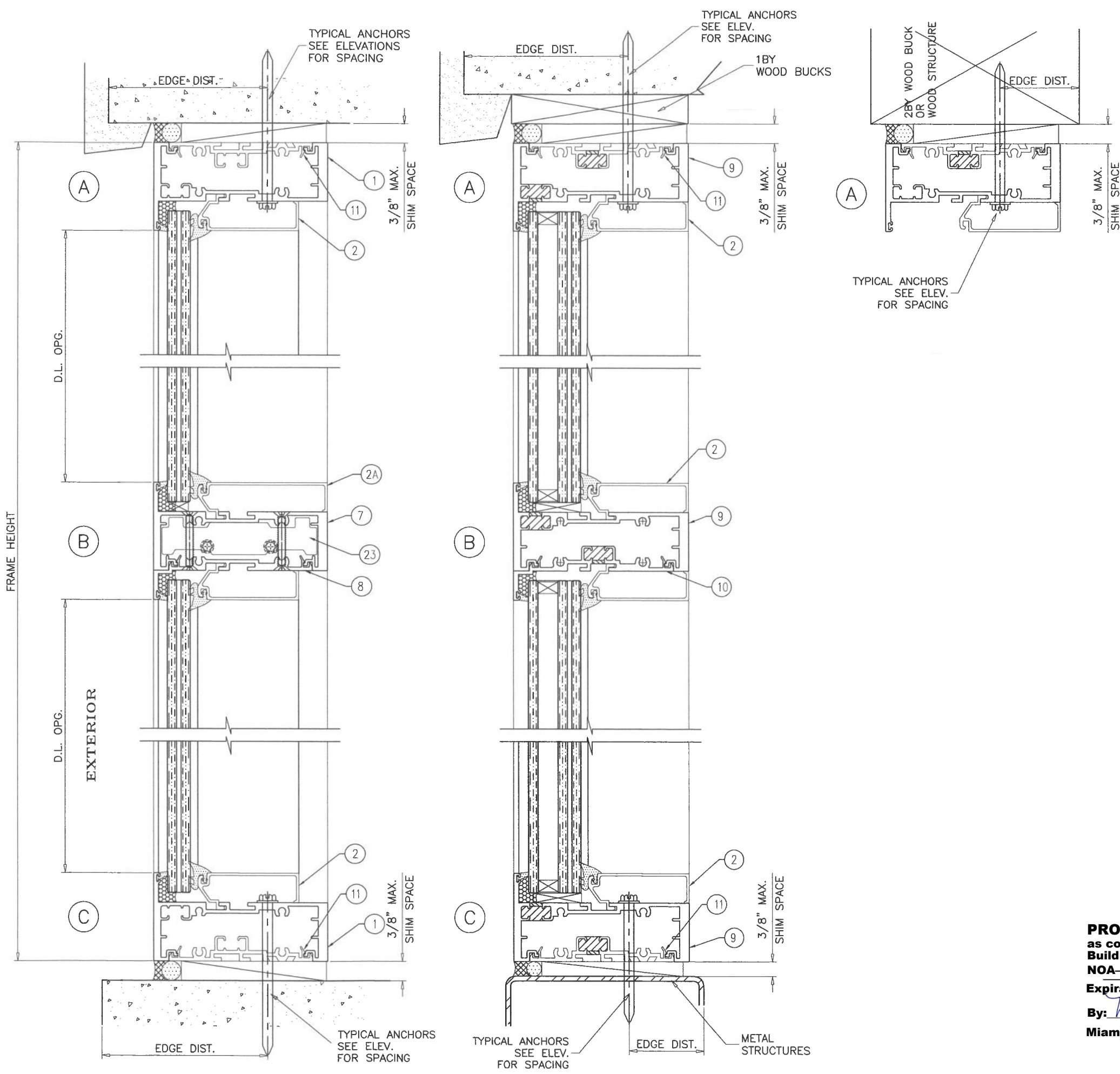
date: 03-21-14
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

| no. | date | description |
|-----|----------|----------------------|
| A | 01.20.17 | GENERAL REVISION |
| B | 10.05.17 | NO CHANGE THIS SHEET |
| C | 06.26.19 | GENERAL REVISION |
| D | 11.04.19 | MANUF. ADDRESS REV. |
| E | 06.25.20 | UPDATED TO 2020 FBC |

drawing no.
W14-12

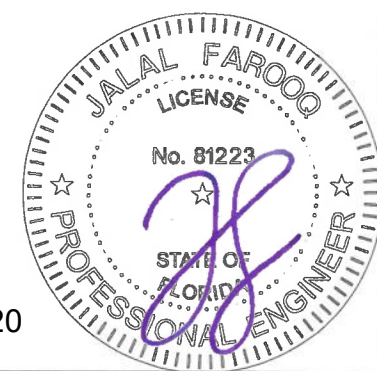
sheet 13 of 19

date: 03-21-14
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:



PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. **20-0910.06**
 Expiration Date: **07/03/2024**
 By: *Manuel Torres*
 Miami-Dade Product Control

Sealed: 09/09/2020



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COMP-ANL W14-12AGP

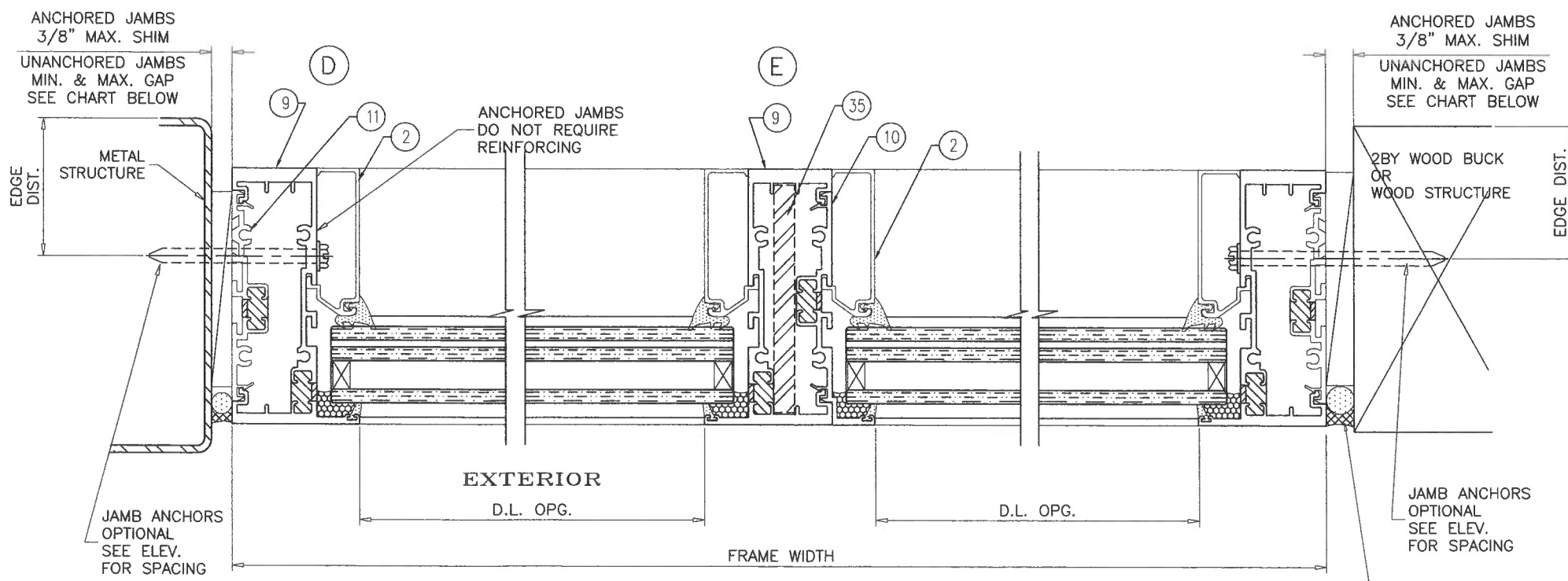
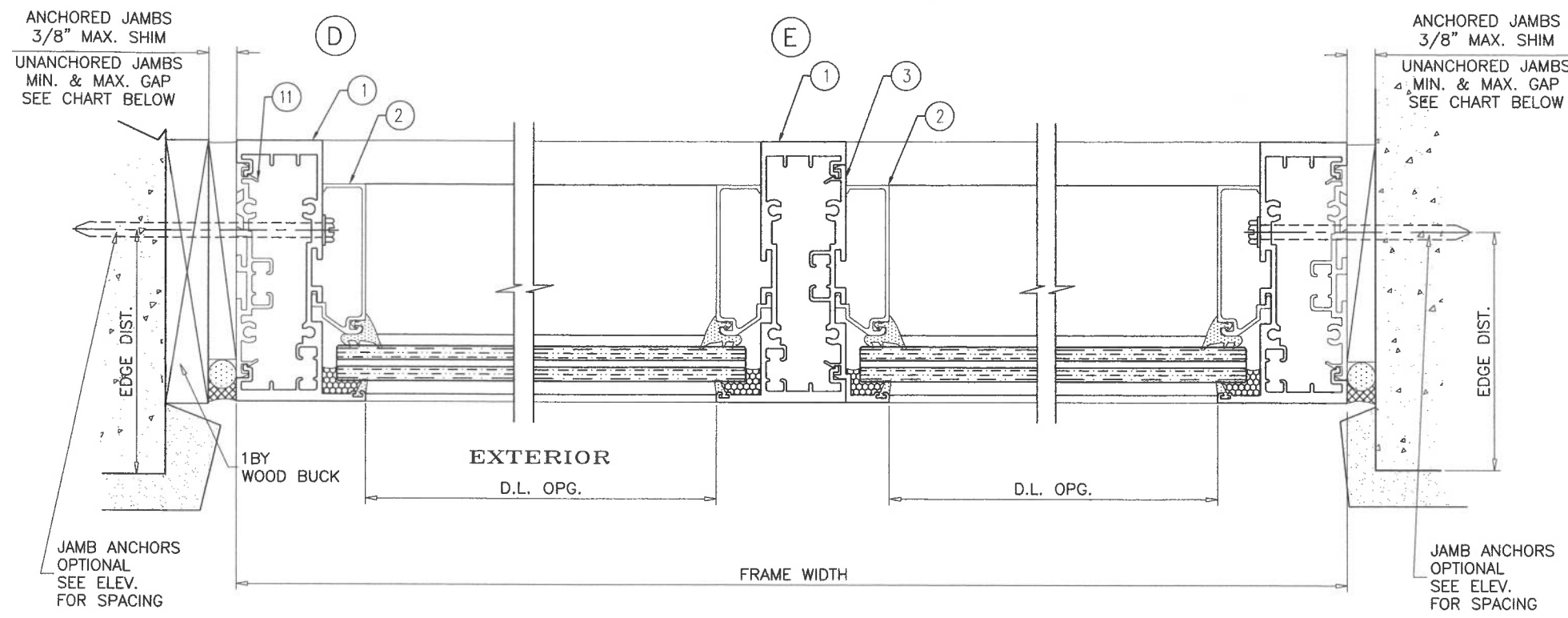
SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

Aldora Aluminum & Glass Products Inc.
 4250 Coral Ridge Drive
 Coral Springs, FL. 33065
 Tel. (305) 888-6288 Fax. (305) 888-6289

| revisions: | no | date | by | description |
|------------|----|----------|----|----------------------|
| | A | 01.20.17 | | GENERAL REVISION |
| | B | 10.05.17 | | NO CHANGE THIS SHEET |
| | C | 06.26.19 | | GENERAL REVISION |
| | D | 11.04.19 | | MANUF. ADDRESS REV. |
| | E | 06.25.20 | | UPDATED TO 2020 FBC |

date: 03-21-14
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
W14-12
 sheet 14 of 19



| MAX. FRAME HEIGHT | MAX. GAPS FOR UNANCHORED JAMBS | | | |
|-------------------|-----------------------------------|------|-------------------------------|------|
| | MULLION M1, M3 JAMB J1, J2, J3 | | MULLION M2, M4 JAMB J2, J4 | |
| | MIN. | MAX. | MIN. | MAX. |
| 84" | 1/4" | 1" | 1/4" | 1" |
| 96" | 1/4" | 1" | 1/4" | 1" |
| 108" | 1/4" | 1" | 3/8" | 1" |
| 120" | 1/4" | 1" | 3/8" | 1" |
| 132" | — | — | 3/8" | 1" |
| 144" | — | — | 3/8" | 1" |

NOTE:
MAX. MOVEMENT CONSIDERED=100% STRETCH.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

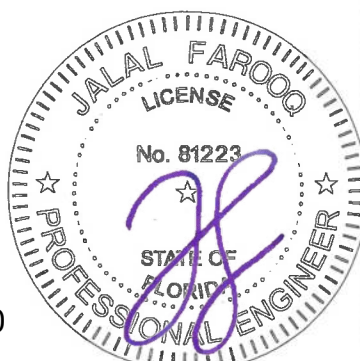
ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.

GAPS LESS THAN 1/4" MAY BE DESIGNED BY ENGINEER OF RECORD BY THE USE OF BOND BREAKER TAPE OR 15% OF GAP ALLOWED MOVEMENT.
REFER TO SHEETS 4 THRU 7 FOR SELECTION OF MULLION/JAMB WITH REINFORCED & UNREINFORCED FRAMES.

SILICONE AT UNANCHORED JAMBS
DOWSIL 790
DEPTH = 3/8" MIN.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Perez*
Miami-Dade Product Control

Sealed: 09/09/2020



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

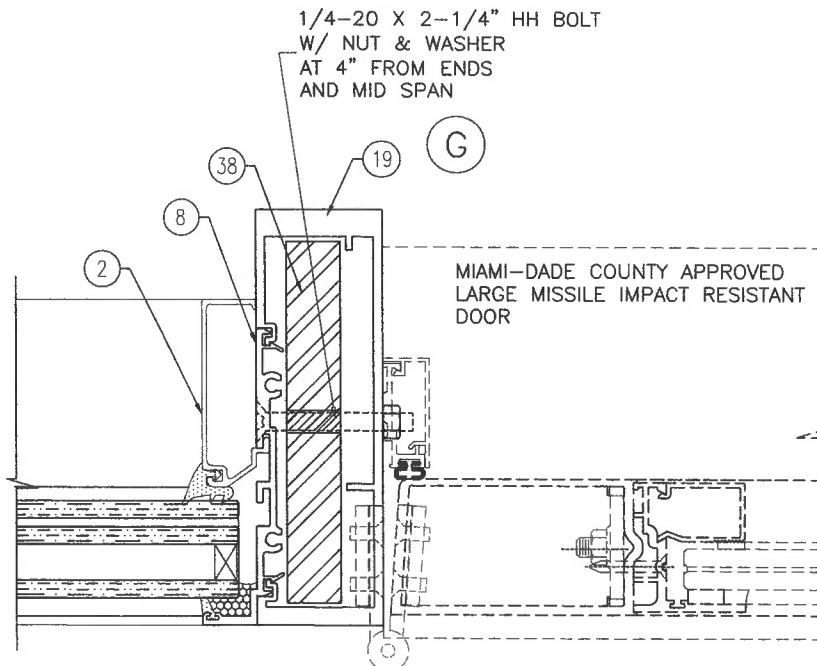
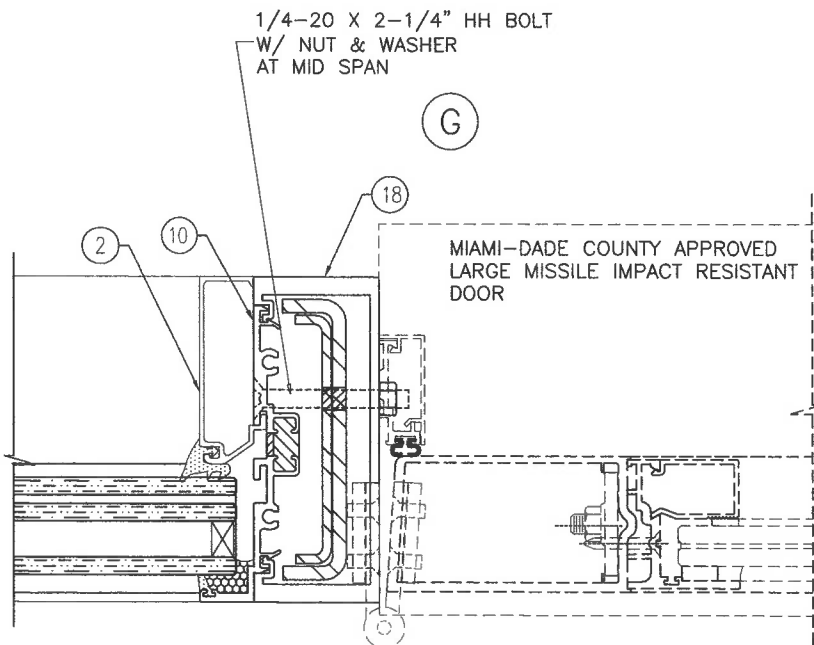
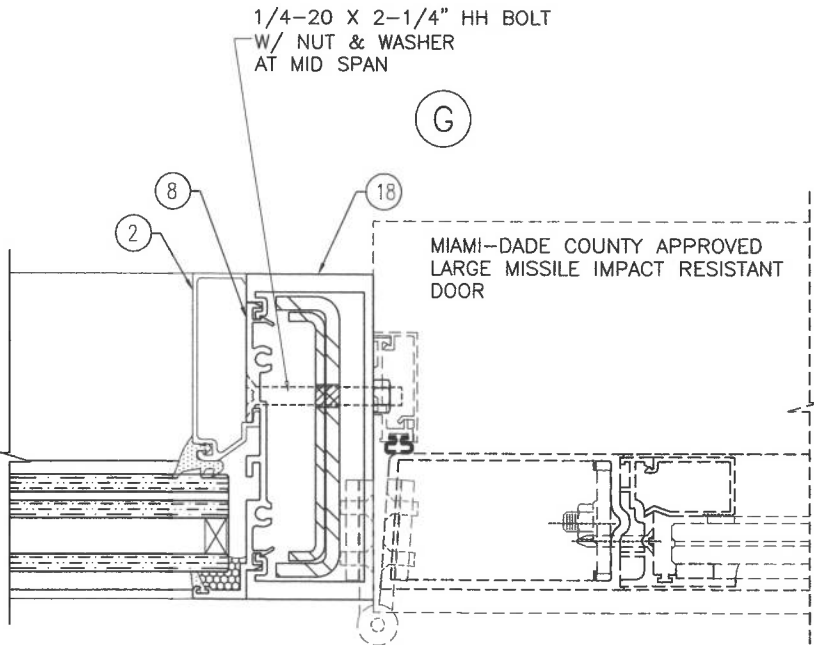
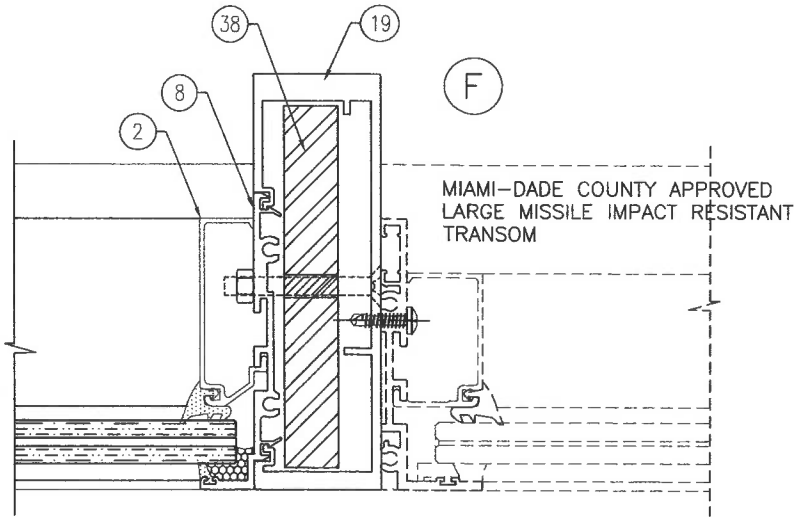
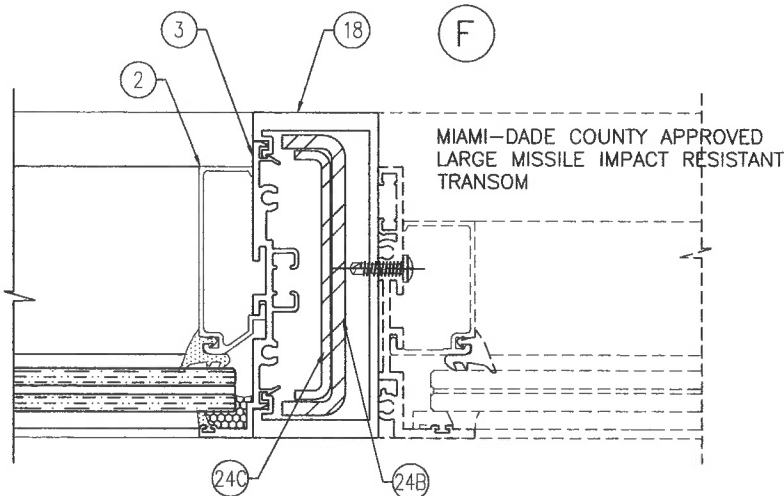
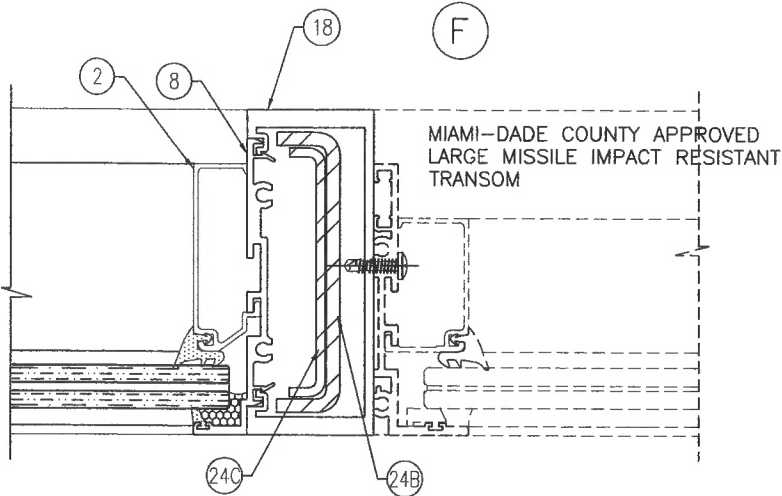
SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)
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| no | date | no | date | no | date | no | date |
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| B | 10.05.17 | B | 10.05.17 | B | 10.05.17 | B | 10.05.17 |
| C | 06.26.19 | C | 06.26.19 | C | 06.26.19 | C | 06.26.19 |
| D | 11.04.19 | D | 11.04.19 | D | 11.04.19 | D | 11.04.19 |
| E | 06.25.20 | E | 06.25.20 | E | 06.25.20 | E | 06.25.20 |

| | | | | | | | |
|-------------|----------|--------|-----------|---------|-------|----------|--|
| date: | 03-21-14 | scale: | 3/8" = 1" | dr. by: | TARIQ | chk. by: | |
| drawing no. | W14-12 | sheet | 15 of 19 | | | | |

SEE SEPARATE NOA FOR DESIGN LOAD
CAPACITY OF DOORS AND DOOR ANCHORS.

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



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0910.06**
Expiration Date: **07/03/2024**
By: *Manuel Ferraz*
Miami-Dade Product Control

Sealed: 09/09/2020



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COMP-ANL W14-12AGP

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| chk. by: | |

drawing no.
W14-12
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7A

9

1

2

2A

5

11

13

23

8

8A

DOI: 10.1002/for

24B

24C

47

35

36

37

38

100

○

A circular professional engineer license seal for the State of Florida. The outer ring contains the text "JALAL FAROOQ" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by three stars. The inner circle contains the word "LICENSE" at the top, the number "No. 81223" in the center, and "STATE OF FLORIDA" at the bottom, also separated by three stars. A large, stylized purple signature is written across the center of the seal.

sheet 17 of

| ITEM # | PART # | REQ'D | DESCRIPTION | MATERIAL | MANF. / SUPPLIER / REMARKS |
|--------|---------------------|-----------|---|------------|------------------------------------|
| 1 | SMI-311 | AS REQ'D | HEAD, INTERM., SILL, JAMB AND MULLION- HEAVY. | 6063-T6 | - |
| 2 | SMI-312 | AS REQ'D | GLASS STOP | 6063-T6 | - |
| 2A | SMI-314 | AS REQ'D | GLASS STOP (LARGER) | 6063-T6 | - |
| 3 | SMI-313 | AS REQ'D | FIN SNAP | 6063-T6 | - |
| 4 | SMI-094 | AS REQ'D | PLAIN SNAP | 6063-T6 | - |
| 5 | SMI-004 | AS REQ'D | PLAIN SNAP | 6063-T6 | - |
| 7 | SMI-316 | AS REQ'D | HEAD, INTERM., SILL, JAMB & MULLION- HEAVY | 6063-T6 | - |
| 7A | SMI-321 | AS REQ'D | INTERMEDIATE HORIZONTAL & MULLION- TYPE 2 | 6063-T6 | - |
| 8 | SMI-317 | AS REQ'D | FIN SNAP | 6063-T6 | - |
| 8A | SMI-322 | AS REQ'D | FIN SNAP TYPE 2 | 6063-T6 | - |
| 9 | SMI-311T | AS REQ'D | POUR & DEBRIDGE HEAD, INTERM., SILL, JAMB & MULLION- HEAVY. | 6063-T6 | - |
| 10 | SMI-313T | AS REQ'D | POUR & DEBRIDGE FIN SNAP | 6063-T6 | - |
| 11 | SMI-094T | AS REQ'D | POUR & DEBRIDGE PLAIN SNAP | 6063-T6 | - |
| 12 | SMI-318 | AS REQ'D | HEAD, JAMB & SILL. | 6063-T6 | - |
| 13 | SMI-319 | AS REQ'D | INTERMEDIATE HORIZONTAL | 6063-T6 | - |
| 18 | SMI-005 | AS REQ'D | STD. DOOR FRAME JAMB | 6063-T6 | - |
| 19 | SMI-076 | AS REQ'D | H.D. DOOR FRAME JAMB | 6005-T5 | - |
| 23 | SMI-320 | AS REQ'D | SHEAR BLOCK (1" LG.) | 6063-T6 | - |
| 24B | 7/8"X3 7/8"X7/8" | AS REQ'D | REINFORCING CHANNEL 3/16"THK. | STEEL | - |
| 24C | 1/2"X3 7/16"X1/2" | AS REQ'D | REINFORCING CHANNEL 1/8"THK. | STEEL | - |
| 25 | SMI-G01 | AS REQ'D | GASKET (AT INTERIOR) | EPDM | TREMCO |
| 26 | SMI-G13 | AS REQ'D | SPACER / RETAINER OUTER GASKET | SANTOPRENE | MELTPPOINT PLASTICS INTERNATIONAL. |
| 27 | SMI-G17 | AS REQ'D | SINGLE FACE FOAM TAPE (3/8" X 1/4") | VINYL FOAM | FRANK LOWE |
| 30 | SMI-G12 | AS REQ'D | DOUBLE FACE FOAM TAPE (3/16" X 1/2") | VINYL FOAM | FRANK LOWE |
| 32 | SMI-SB04 | 2 PER GL. | SETTING BLOCKS (3/8" X 1 1/4" X 4" LG.) | EPDM | TREMCO, DUROMETER 80±5 SHORE A |
| 34 | SMI-SB07 | 2 PER GL. | SETTING BLOCKS (1/4" X 1 1/4" X 4" LG.) | EPDM | TREMCO, DUROMETER 80±5 SHORE A |
| 35 | 3/8" X 4" | AS REQ'D | REINFORCING BAR | STEEL | A36, Fu MIN. = 58 KSI |
| 36 | 3/4" X 4" | AS REQ'D | REINFORCING BAR | STEEL | A36, Fu MIN. = 58 KSI |
| 37 | 5/8" X 4" | AS REQ'D | REINFORCING BAR | STEEL | A36, Fu MIN. = 58 KSI |
| 38 | 3/4" X 5" | AS REQ'D | REINFORCING BAR | STEEL | A36, Fu MIN. = 58 KSI |
| 46 | #12 X 1 1/2" | 4/CORNER | FRAME ASSEMBLY SCREWS | ST. STEEL | HEX. HEAD MACHINE SCREW |
| 47 | 11/16"X 4" X 11/16" | AS REQ'D | JAMB REINFORCING CHANNEL 3/16"THK. | STEEL | - |

PRODUCT REVISED
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Miami-Dade Product Control

Sealed: 09/09/2020



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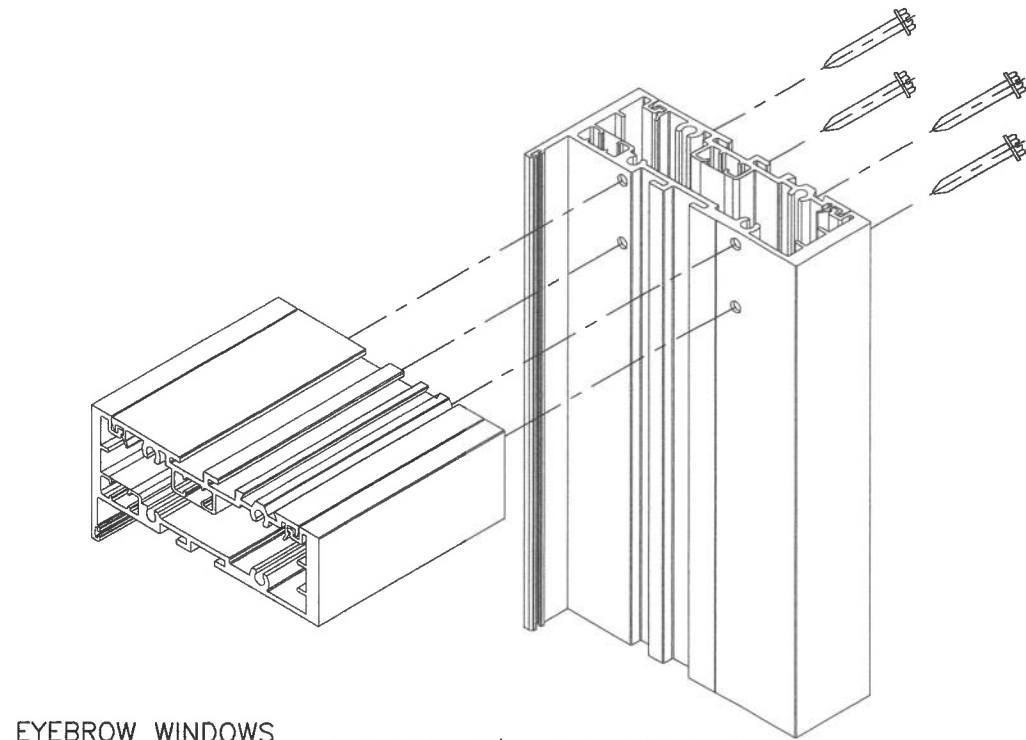
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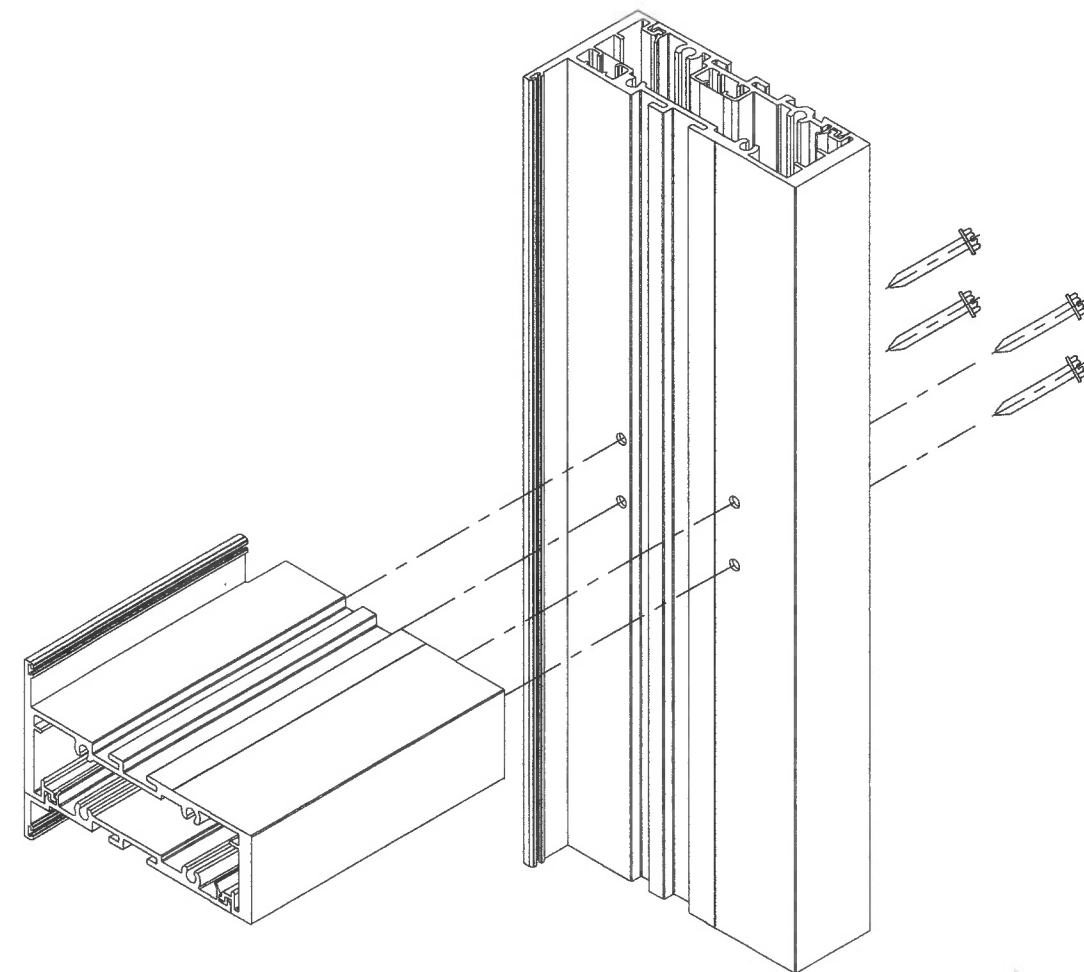
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|----------------|------------------|---------------|----------|

drawing no.
W14-12
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EYEBROW WINDOWS
TOP CORNER

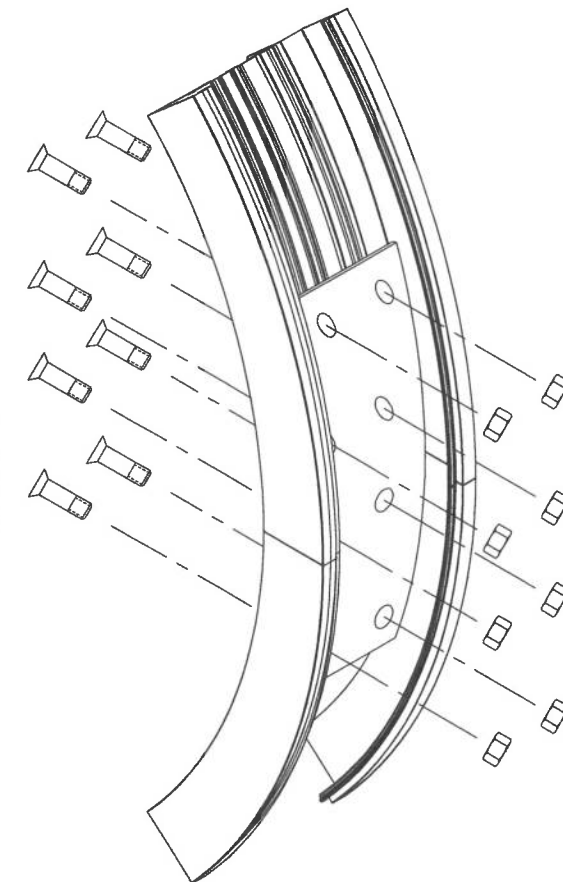
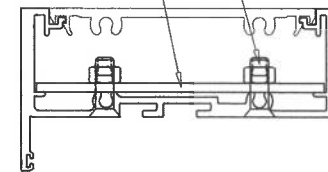
FRAME TOP/BOTTOM CORNERS



INTERMEDIATE HORIZONTAL CORNERS

1/4-20 X 1" LONG
FT. HD. PH. MACHINE BOLT
ST/ST WITH NUT
(8) PER PLATE

1/8" X 4" ALUM PLATE
10" LONG



SPLICE JOINT AT
HALF & FULL CIRCLE CORNERS

PRODUCT REVISED
as complying with the Florida
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By: *Manuel Ferns*
Miami-Dade Product Control

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sheet 19 of 19