



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 "SMI-175" Aluminum Window Wall System – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W03-64**, titled "Series SMI-175 Alum Window Wall (L.M.I.)", sheets 1 through 10 of 10, dated 08/11/03, with revision **J** 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.

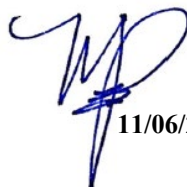
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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. 17-0821.11** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

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




11/06/20

NOA No. 20-0915.18
Expiration Date: November 21, 2022
Approval Date: November 12, 2020
Page 1

Aldora Aluminum & Glass Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

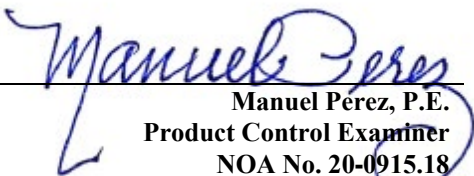
1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA's No. 02-0927.10, No. 03-0925.01, and No. 11-0412.05)
2. Drawing No **W03-64**, titled "Series SMI-175 Alum Window Wall (L.M.I.)", sheets 1 through 10 of 10, dated 08/11/03, with revision **I** dated 08/02/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under NOA No. 17-0821.11)

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 an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-5070**, dated 10/05/06, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under NOA No. 11-0412.05) For reference only
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
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3833** dated 08/05/03, signed and sealed by Joseph Chan, P.E.
(Submitted under NOA No. 03-0925.01)
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
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3721** dated 03/26/03, signed and sealed by Joseph Chan, P.E.
(Submitted under NOA No. 03-0925.01)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 20-0915.18

Expiration Date: November 21, 2022
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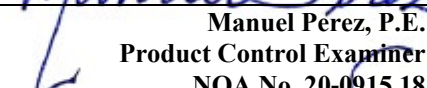
Aldora Aluminum & Glass Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

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
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 an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3465** dated 7/17/02, signed and sealed by James Worth, P.E.
(Submitted under NOA No. 02-0927.10)
- 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
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 outswing door, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-4267**, dated 08/13/04, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under NOA No. 05-0301.04) For reference only
- 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 outswing door, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-4257**, dated 07/18/04, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under NOA No. 10-0511.02) For reference only
- 7.** 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(Not performed)
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 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum outswing XXOO door system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3997**, dated 12/04/03, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under NOA No. 08-1202.14) For reference only


Manuel Perez, P.E.
Product Control Examiner
NOA No. 20-0915.18
Expiration Date: November 21, 2022
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Aldora Aluminum & Glass Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, dated 07/24/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under NOA No. 17-0821.11)
2. Glazing complies with **ASTM E1300-09**.

D. QUALITY ASSURANCE

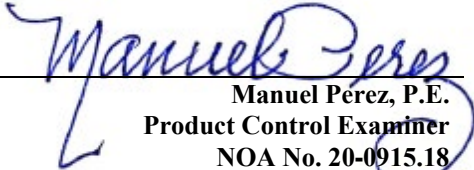
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **15-1201.11** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/17/16, expiring on 05/21/21.
2. Notice of Acceptance No. **13-1126. 20** issued to **Allnex USA, Inc.** for their "**Uvekol S Laminated Glass Interlayer**", dated 02/20/14, expiring on 02/08/19.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)** and with **FBC 6th Edition (2017)**, dated July 27, 2017, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under NOA No. 17-0821.11)
2. Statement letter dated 08/21/13, issued by Aldora Aluminum & Glass Products, Inc. of legally purchase of asset and rights of NOA # **12-0731.06** from SMI Aluminum System, LLC and requesting that said NOA be issued under their name, signed by Manny Valladares, for and on behalf of Aldora Aluminum & Glass Products, Inc.
(Submitted under NOA No. 17-0821.11)
3. Letter from owners of existing NOA stating that they have sold all assets to the applicant, that they no longer manufacture the product and relinquish their rights to the current NOA # **12-0731.06**, dated 08/21/13, signed by Mr. Manny Valladares, for and on behalf of SMI Aluminum Systems, LLC.
(Submitted under NOA No. 17-0821.11)
4. Department of State Certification of **ALDORA ALUMINUM & GLASS PRODUCTS, INC.** as a foreign profit corporation, active and organized under the laws of the State of Florida, dated March 10, 2015 and filed by the Secretary of State.
(Submitted under NOA No. 17-0821.11)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 20-0915.18
Expiration Date: November 21, 2022
Approval Date: November 12, 2020

Aldora Aluminum & Glass Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

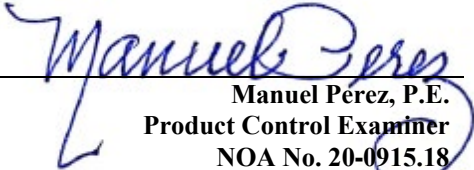
1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

F. STATEMENTS (CONTINUED)

5. Assignment & Assumption agreement dated July 26, 2013 between Aldora Holdings LLC, SMI Aluminum Systems, LLC, Architectural Glass Products, LLC (each an "Assignor" and collectively, the "Assignors") and Aldora Holdco, Inc. (the "Assignee") signed by Leon Silverstein, Aldora Holdings LLC manager; Leon Silverstein, SMI Aluminum Systems, LLC, manager; Leon Silverstein, Architectural Glass Products, LLC manager and Scott Hauncher, VP Aldora Holdco, Inc.
(Submitted under NOA No. 13-1021.07)
6. Bill of Sale dated July 26, 2013, delivered by Aldora Holdco, Inc. transferring assets to Aldora Aluminum & Glass Products, Inc., signed by Mr. Scott Hauncher, Vice President, Aldora Holdco, Inc.
(Submitted under NOA No. 13-1021.07)
7. Department of State Certification of **ALDORA ALUMINUM & GLASS PRODUCTS, INC.** as a foreign profit corporation, active and organized under the laws of the State of Delaware, dated 07/18/13 and signed by Jeffrey W. Bullock, Secretary of State.
(Submitted under NOA No. 13-1021.07)
8. Department of State Certification of **ALDORA ALUMINUM & GLASS PRODUCTS, INC.** as a foreign profit corporation, active and organized under the laws of the State of Florida, dated 07/20/13 and signed by T. Burgh, Secretary of State.
(Submitted under NOA No. 13-1021.07)
9. Laboratory compliance letter for Test Report No. **FTL-3721** and **FTL-3833** issued by Fenestration Testing Laboratory, Inc., dated 4/15/03 and 8/7/03 respectively, signed and sealed by Joseph Chan, P.E.
(Submitted under NOA No. 03-0925.01)
10. Laboratory compliance letter for Test Report No. **FTL-3465**, issued by Fenestration Testing Laboratory, Inc., dated 8/8/02, signed and sealed by James Worth, P.E.
(Submitted under NOA No. 02-0927.10)

G. OTHERS

1. Notice of Acceptance No. **14-1112.06**, issued to Aldora Aluminum & Glass Products, Inc. for their Series "SMI-175" Aluminum Window Wall System – L.M.I., approved on 03/26/15 and expiring on 11/21/17.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 20-0915.18
Expiration Date: November 21, 2022
Approval Date: November 12, 2020

Aldora Aluminum & Glass Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No **W03-64**, titled “Series SMI-175 Alum Window Wall (L.M.I.)”, sheets 1 through 10 of 10, dated 08/11/03, with revision **J** 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 10/07/14, with **FBC 6th Edition (2017)**, dated 07/24/17 and updated on 08/31/20 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. **20-0622.01** issued to **Eastman Chemical Company (MA)** for their “**Saflex PVB Clear and Color Glass Interlayers**” dated 08/06/20, expiring on 05/21/21.
2. Notice of Acceptance No. **19-0221.01** issued to **Allnex USA, Inc.** for their “**Uvekol® S Laminated Glass Interlayer**”, dated 03/28/19, expiring on 02/08/24.

F. STATEMENTS

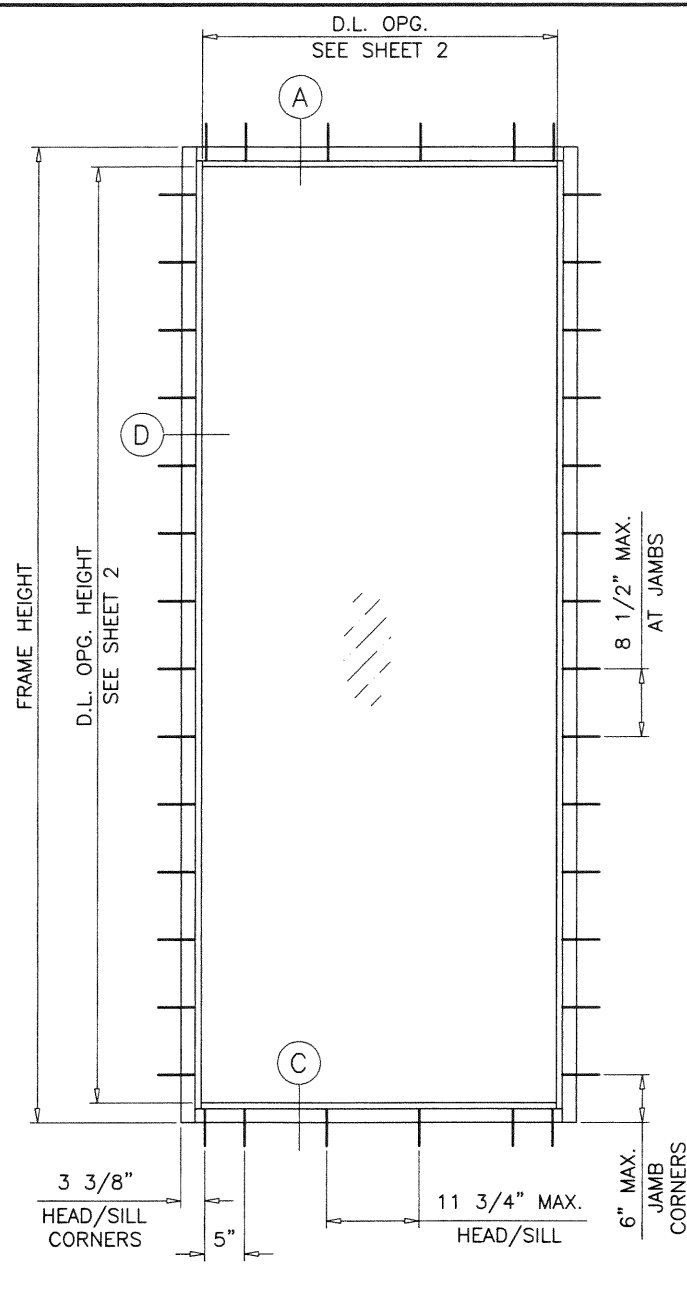
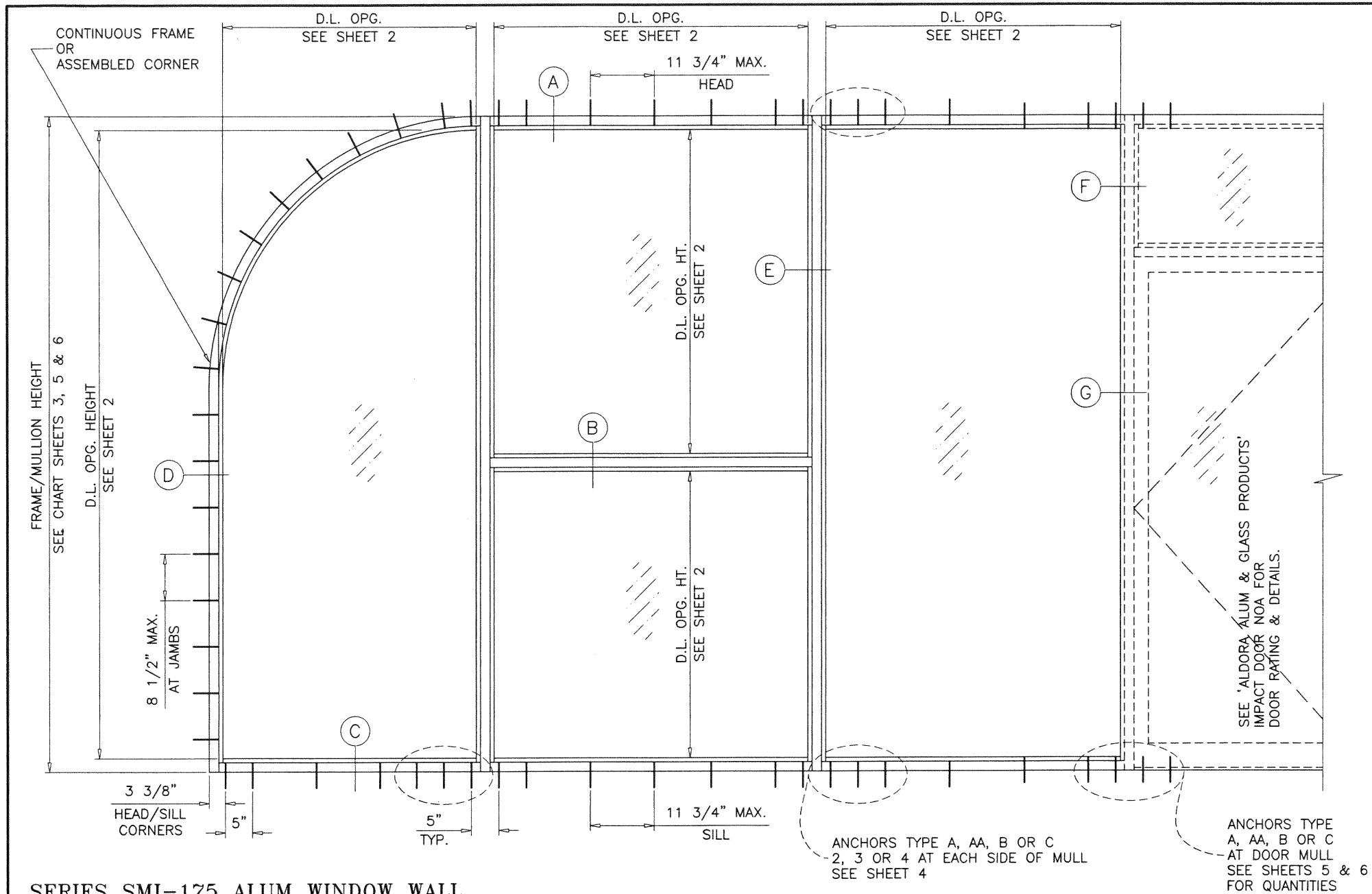
1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, with **FBC 7th Edition (2020)** and of no financial interest, dated August 31, 2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHERS

1. Notice of Acceptance No. **17-0821.11**, issued to Aldora Aluminum & Glass Products, Inc. for their Series “SMI-175” Aluminum Window Wall System – L.M.I., approved on 10/26/17 and expiring on 11/21/22.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 20-0915.18

Expiration Date: November 21, 2022
Approval Date: November 12, 2020



SERIES SMI-175 ALUM WINDOW WALL

THIS SYSTEM MAY BE USED IN CONJUNCTION WITH MIAMI-DADE COUNTY APPR'D LARGE MISSILE IMPACT RESISTANT DOORS. LOWER DESIGN PRESSURE FROM STOREFRONT OR DOOR APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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

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

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

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

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017/2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

TYPICAL ELEVATIONS

THIS SYSTEM IS RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** SEE CHARTS ON SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
- STEP 3** CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEET 3 FOR STOREFRONT MULLION AND SHEET 5 & 6 FOR DOOR MULLION. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4** USING CHART ON SHEETS 4 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

SINGLE 'O' PANEL:
FRAME WIDTH = D.L.O. WIDTH + 5.00"
FRAME HEIGHT = D.L.O. HEIGHT + 5.00"

WINDOW WALL SYSTEM WITH GLASS TYPES 'C' & 'D'
COMPLY WITH REQUIREMENTS OF ANSI Z97.1.

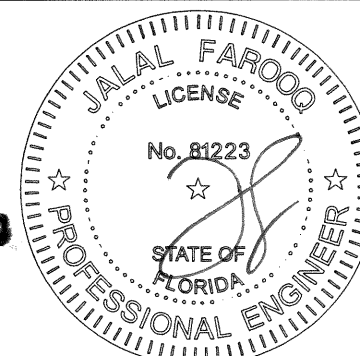
PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. **20-0915.18**

Expiration Date: **11/21/2022**

By: *Manuel Perez*
Miami-Dade Product Control

LAMINATED GLASS
LARGE MISSILE IMPACT



OCT 28 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\W03-64SM

SERIES SMI-175 ALUM WINDOW WALL (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive, Suite 101
Coral Springs, FL. 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

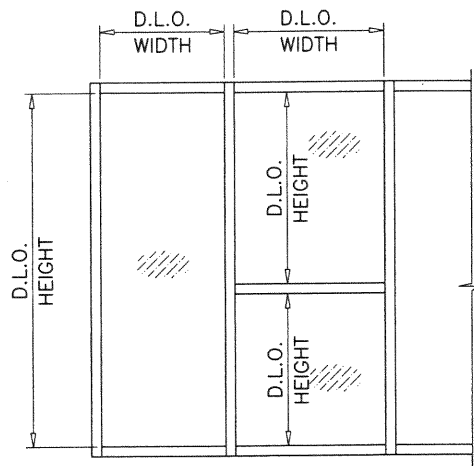
| revisions: | no | date | by | description |
|------------|----|----------|----|---------------------|
| | G | 12.09.13 | | MANUF. ADDRESS REV. |
| | H | 10.24.14 | | UPDATED TO 2014 FBC |
| | I | 08.02.17 | | UPDATED TO 2017 FBC |
| | J | 06.25.20 | | UPDATED TO 2020 FBC |

| | |
|----------|------------|
| date: | 08-11-03 |
| scale: | 1/2"=1'-0" |
| dr. by: | TARIQ |
| chk. by: | |

| | |
|-------------|---------|
| drawing no. | W03-64 |
| sheet | 1 of 10 |

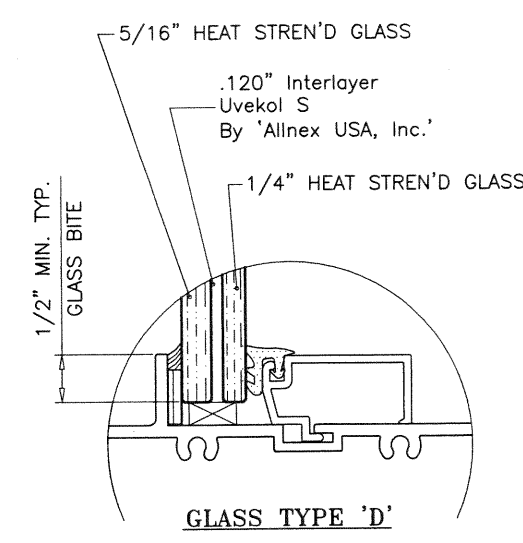
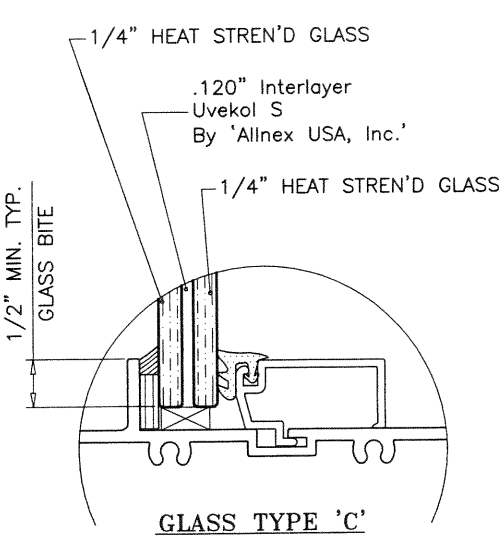
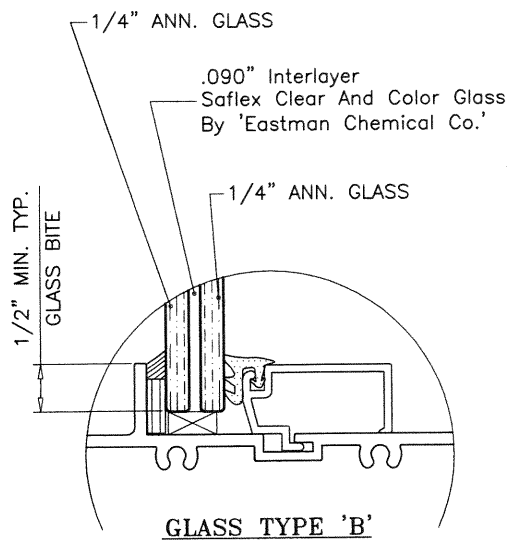
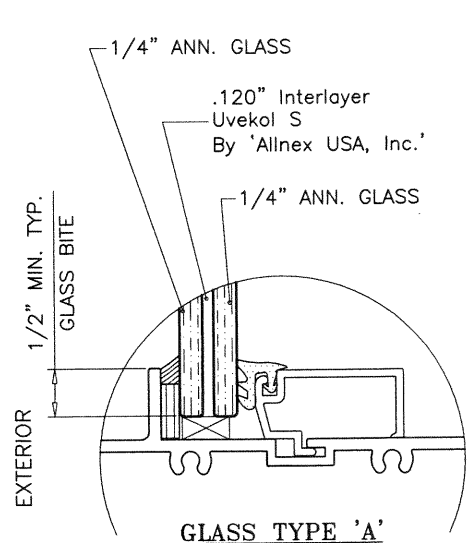
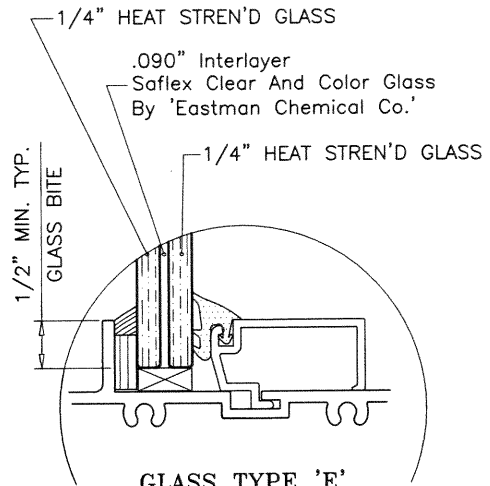
| GLASS LOAD CAPACITY - PSF | | | | | | |
|---------------------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| NOMINAL DIMS. | | GLASS TYPE 'A' | GLASS TYPE 'B' | GLASS TYPE 'C' | GLASS TYPE 'D' | GLASS TYPE 'E' |
| D.L.O. WIDTH | D.L.O. HEIGHT | EXT.(+)&INT.(-) | EXT.(+)&INT.(-) | EXT.(+)&INT.(-) | EXT.(+)&INT.(-) | EXT.(+)&INT.(-) |
| 20" | 74" | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 26" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 32" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 38" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 44" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 50" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 56" | | 63.0 | - | 100.0 | 100.0 | 90.0 |
| 60" | | 63.0 | - | 100.0 | 100.0 | - |
| 66" | | - | - | 100.0 | 100.0 | - |
| 20" | 80" | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 26" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 32" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 38" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 44" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 50" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 56" | | 63.0 | - | 100.0 | 100.0 | - |
| 60" | | - | - | 100.0 | 100.0 | - |
| 66" | | - | - | 100.0 | 100.0 | - |
| 20" | 86" | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 26" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 32" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 38" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 44" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 50" | | 63.0 | - | 100.0 | 100.0 | - |
| 56" | | - | - | 100.0 | 100.0 | - |
| 60" | | - | - | 100.0 | 100.0 | - |
| 66" | | - | - | 100.0 | 100.0 | - |
| 20" | 92" | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 26" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 32" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 38" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 44" | | 63.0 | - | 100.0 | 100.0 | 90.0 |
| 50" | | 63.0 | - | 100.0 | 100.0 | - |
| 56" | | - | - | 100.0 | 100.0 | - |
| 60" | | - | - | 100.0 | 100.0 | - |
| 66" | | - | - | 100.0 | 100.0 | - |

| GLASS LOAD CAPACITY - PSF | | | | | | |
|---------------------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| NOMINAL DIMS. | | GLASS TYPE 'A' | GLASS TYPE 'B' | GLASS TYPE 'C' | GLASS TYPE 'D' | GLASS TYPE 'E' |
| D.L.O. WIDTH | D.L.O. HEIGHT | EXT.(+)&INT.(-) | EXT.(+)&INT.(-) | EXT.(+)&INT.(-) | EXT.(+)&INT.(-) | EXT.(+)&INT.(-) |
| 20" | 98" | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 26" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 32" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 38" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 44" | | 63.0 | - | 100.0 | 100.0 | - |
| 50" | | - | - | 100.0 | 100.0 | - |
| 56" | | - | - | 100.0 | 100.0 | - |
| 60" | | - | - | 100.0 | 100.0 | - |
| 66" | | - | - | 100.0 | 100.0 | - |
| 20" | 104" | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 26" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 32" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 38" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 44" | | 63.0 | - | 100.0 | 100.0 | - |
| 50" | | - | - | 100.0 | 100.0 | - |
| 56" | | - | - | 100.0 | 100.0 | - |
| 60" | | - | - | 100.0 | 100.0 | - |
| 20" | 110" | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 26" | | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 32" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 38" | | 63.0 | - | 100.0 | 100.0 | - |
| 44" | | - | - | 100.0 | 100.0 | - |
| 50" | | - | - | 100.0 | 100.0 | - |
| 56" | | - | - | 100.0 | 100.0 | - |
| 60" | | - | - | 100.0 | 100.0 | - |
| 20" | 116" | 63.0 | 63.0 | 120.0 | 100.0 | 90.0 |
| 26" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 32" | | 63.0 | - | 120.0 | 100.0 | 90.0 |
| 38" | | 63.0 | - | 100.0 | 100.0 | - |
| 44" | | - | - | 100.0 | 100.0 | - |
| 50" | | - | - | 100.0 | 100.0 | - |
| 56" | | - | - | 97.9 | 100.0 | - |
| 60" | | - | - | 120.0 | - | - |
| 63" | 63" | - | - | 120.0 | - | - |
| 60" | 67" | - | - | 120.0 | - | - |
| 57" | 69" | - | - | 120.0 | - | - |
| 54" | 74" | - | - | 120.0 | - | - |



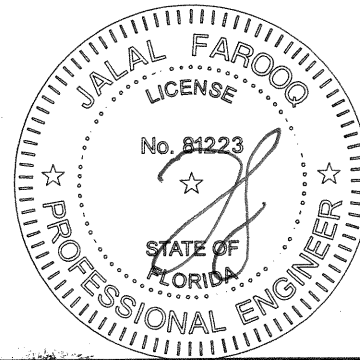
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0915.18**
Expiration Date: **11/21/2022**
By: *Manuel Perez*
Miami-Dade Product Control

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



GLAZING OPTIONS

OCT 28 2020



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

SERIES SMI-175 ALUM WINDOW WALL (L.M.I.)

Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive, Suite 101
Coral Springs, FL. 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

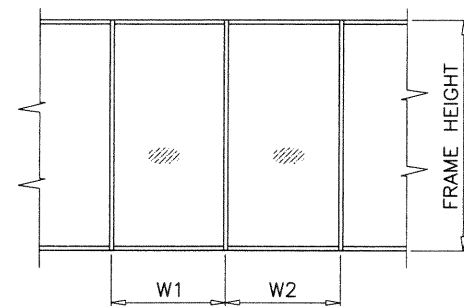
| no | date | description | by |
|----|----------|---------------------|----|
| G | 12.09.13 | MANUF. ADDRESS REV. | |
| H | 10.24.14 | UPDATED TO 2014 FBC | |
| I | 08.02.17 | UPDATED TO 2017 FBC | |
| J | 06.25.20 | UPDATED TO 2020 FBC | |

date: 08-11-03
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

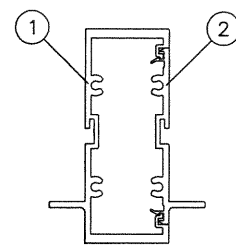
drawing no.
W03-64
sheet 2 of 10

| MULLION LOAD CAPACITY – PSF WITHOUT INTERMEDIATE HORIZONTALS | | | | | |
|---|--------------|---------------------|---------|------------------|---------|
| NOMINAL DIMS. | | WITHOUT REINFORCING | | WITH REINFORCING | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(–) | EXT.(+) | INT.(–) |
| 24" | 72" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 42" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 48" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 54" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 60" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 66" | | 100.0 | 100.0 | 90.0 | 100.0 |
| 24" | 78" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 42" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 48" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 54" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 60" | | 100.0 | 100.0 | 90.0 | 100.0 |
| 66" | | 100.0 | 100.0 | 90.0 | 100.0 |
| 24" | 84" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 42" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 48" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 54" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 60" | | 96.0 | 96.0 | 90.0 | 100.0 |
| 66" | | – | – | 90.0 | 100.0 |
| 24" | 90" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 42" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 48" | | 95.1 | 95.1 | 100.0 | 120.0 |
| 54" | | 87.0 | 87.0 | 90.0 | 100.0 |
| 60" | | – | – | 90.0 | 100.0 |
| 66" | | – | – | 90.0 | 100.0 |
| 24" | 96" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 42" | | 91.8 | 91.8 | 100.0 | 120.0 |
| 48" | | 82.0 | 82.0 | 90.0 | 100.0 |
| 54" | | 74.7 | 74.7 | 90.0 | 100.0 |
| 60" | | – | – | 90.0 | 100.0 |
| 66" | | – | – | 90.0 | 100.0 |
| 24" | 102" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 92.0 | 92.0 | 100.0 | 120.0 |
| 42" | | 80.2 | 80.2 | 100.0 | 120.0 |
| 48" | | 71.4 | 71.4 | 90.0 | 100.0 |
| 54" | | – | – | 90.0 | 100.0 |
| 60" | | – | – | 90.0 | 100.0 |
| 66" | | – | – | 90.0 | 100.0 |

| MULLION LOAD CAPACITY – PSF WITHOUT INTERMEDIATE HORIZONTALS | | | | | |
|---|--------------|---------------------|---------|------------------|---------|
| NOMINAL DIMS. | | WITHOUT REINFORCING | | WITH REINFORCING | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(–) | EXT.(+) | INT.(–) |
| 24" | 108" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 91.2 | 91.2 | 100.0 | 120.0 |
| 36" | | 77.0 | 77.0 | 100.0 | 120.0 |
| 42" | | 67.1 | 67.1 | 100.0 | 120.0 |
| 48" | | 59.9 | 59.9 | 90.0 | 100.0 |
| 54" | | – | – | 90.0 | 100.0 |
| 60" | | – | – | 90.0 | 99.2 |
| 66" | | – | – | 90.0 | 92.5 |
| 24" | 114" | 95.7 | 95.7 | 100.0 | 120.0 |
| 30" | | 77.3 | 77.3 | 100.0 | 120.0 |
| 36" | | 65.2 | 65.2 | 100.0 | 120.0 |
| 42" | | 56.7 | 56.7 | 100.0 | 100.0 |
| 48" | | – | – | 90.0 | 100.0 |
| 54" | | – | – | 90.0 | 96.0 |
| 60" | | – | – | 88.0 | 88.0 |
| 24" | 120" | 81.9 | 81.9 | 100.0 | 120.0 |
| 30" | | 66.1 | 66.1 | 100.0 | 120.0 |
| 36" | | 55.7 | 55.7 | 100.0 | 120.0 |
| 42" | | 48.4 | 48.4 | 90.0 | 100.0 |
| 48" | | – | – | 90.0 | 95.3 |
| 54" | | – | – | 85.9 | 85.9 |
| 60" | | – | – | 78.7 | 78.7 |

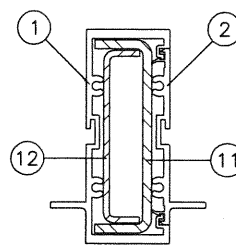


$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



MULLION
W/O REINFORCING

| | |
|--------------------|--------------------|
| Ix IN ⁴ | Sx IN ³ |
| 5.3965 | 2.3107 |

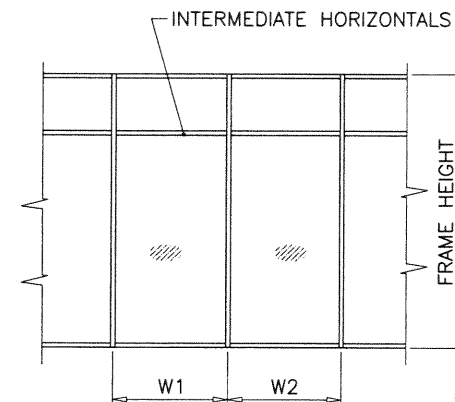


MULLION
W/ REINFORCING

| | | |
|------------------------|--------------------|--------------------|
| Ix ALUM + Ix STL X 2.9 | Ix IN ⁴ | Sx IN ³ |
| | 5.3965 | 2.3107 |
| | 3.2364 | 1.5933 |
| TOTAL | | |
| | 14.7821 | |

| MULLION LOAD CAPACITY – PSF WITH INTERMEDIATE HORIZONTALS | | | | | |
|--|--------------|---------------------|---------|------------------|---------|
| NOMINAL DIMS. | | WITHOUT REINFORCING | | WITH REINFORCING | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(–) | EXT.(+) | INT.(–) |
| 24" | 72" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 42" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 48" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 54" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 60" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 66" | | 100.0 | 100.0 | 100.0 | 100.0 |
| 24" | 78" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 42" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 48" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 54" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 60" | | 93.2 | 93.2 | 90.0 | 100.0 |
| 66" | | 84.7 | 84.7 | 90.0 | 100.0 |
| 24" | 84" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 42" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 48" | | 99.7 | 99.7 | 100.0 | 120.0 |
| 54" | | 88.7 | 88.7 | 100.0 | 120.0 |
| 60" | | 79.8 | 79.8 | 90.0 | 100.0 |
| 66" | | – | – | 90.0 | 100.0 |
| 24" | 90" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 42" | | 98.6 | 98.6 | 100.0 | 120.0 |
| 48" | | 86.3 | 86.3 | 100.0 | 120.0 |
| 54" | | 76.7 | 76.7 | 90.0 | 100.0 |
| 60" | | – | – | 90.0 | 100.0 |
| 66" | | – | – | 90.0 | 100.0 |
| 24" | 96" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 42" | | 86.1 | 86.1 | 100.0 | 120.0 |
| 48" | | 75.3 | 75.3 | 90.0 | 100.0 |
| 54" | | 67.0 | 67.0 | 90.0 | 100.0 |
| 60" | | – | – | 90.0 | 100.0 |
| 66" | | – | – | 90.0 | 100.0 |
| 24" | 102" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 100.0 | 100.0 | 100.0 | 120.0 |
| 36" | | 87.7 | 87.7 | 100.0 | 120.0 |
| 42" | | 75.1 | 75.1 | 100.0 | 120.0 |
| 48" | | 65.7 | 65.7 | 90.0 | 100.0 |
| 54" | | – | – | 90.0 | 100.0 |
| 60" | | – | – | 90.0 | 100.0 |
| 66" | | – | – | 90.0 | 90.9 |

| MULLION LOAD CAPACITY – PSF WITH INTERMEDIATE HORIZONTALS | | | | | |
|--|--------------|---------------------|---------|------------------|---------|
| NOMINAL DIMS. | | WITHOUT REINFORCING | | WITH REINFORCING | |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) | INT.(–) | EXT.(+) | INT.(–) |
| 24" | 108" | 100.0 | 100.0 | 100.0 | 120.0 |
| 30" | | 88.6 | 88.6 | 100.0 | 120.0 |
| 36" | | 73.8 | 73.8 | 100.0 | 120.0 |
| 42" | | 63.3 | 63.3 | 100.0 | 120.0 |
| 48" | | 55.4 | 55.4 | 90.0 | 100.0 |
| 54" | | – | – | 90.0 | 99.1 |
| 60" | | – | – | 89.2 | 89.2 |
| 66" | | – | – | 81.1 | 81.1 |
| 24" | 114" | 94.2 | 94.2 | 100.0 | 120.0 |
| 30" | | 75.3 | 75.3 | 100.0 | 120.0 |
| 36" | | 62.8 | 62.8 | 100.0 | 120.0 |
| 42" | | 53.8 | 53.8 | 90.0 | 100.0 |
| 48" | | – | – | 90.0 | 100.0 |
| 54" | | – | – | 89.0 | 89.0 |
| 60" | | – | – | 80.1 | 80.1 |
| 24" | 120" | 80.7 | 80.7 | 100.0 | 120.0 |
| 30" | | 64.6 | 64.6 | 100.0 | 120.0 |
| 36" | | 53.8 | 53.8 | 100.0 | 120.0 |
| 42" | | 46.1 | 46.1 | 90.0 | 100.0 |
| 48" | | – | – | 90.0 | 90.3 |
| 54" | | – | – | 80.3 | 80.3 |
| 60" | | – | – | 72.3 | 72.3 |



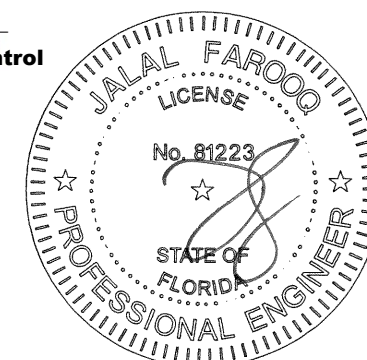
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. **20-0915.18**

Expiration Date: **11/21/2022**

By: *Manuel Perez*
Miami-Dade Product Control



OCT 28 2020

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

SERIES SMI-175 ALUM WINDOW WALL (L.M.I.)

Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive, Suite 101
Coral Springs, FL 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

| no | date | by | description |
|----|----------|----|----------------------|
| G | 12.09.13 | | MANUF. ADDRESS REV. |
| H | 10.24.14 | | NO CHANGE THIS SHEET |
| I | 08.02.17 | | UPDATED TO 2017 FBC |
| J | 06.25.20 | | UPDATED TO 2020 FBC |

date: 08-11-03

scale: –

dr. by: TARIQ

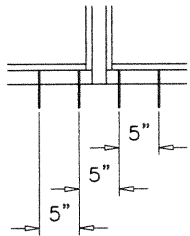
chk. by:

drawing no.
W03-64

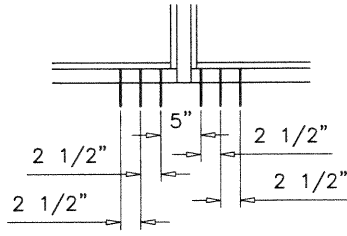
sheet 3 of 10

| ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-) | | | | | | | | | | | | |
|---|--------------|---------------------|-------|-------|----------------------|-------|-------|---------------------|-------|---------------------|-------|-------|
| NOMINAL DIMS. | | ANCHORS TYPE 'A' | | | ANCHORS TYPE 'AA' | | | ANCHORS TYPE 'B' | | ANCHORS TYPE 'C' | | |
| WIDTH (W) | FRAME HEIGHT | A2 | A3 | A4 | AA2 | AA3 | AA4 | B2 | B3 | C2 | C3 | C4 |
| 24" | 72" | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 30" | | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 36" | | 105.3 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 42" | | 90.3 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 118.1 | 120.0 | 120.0 |
| 48" | | 79.0 | 118.5 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 103.3 | 120.0 | 120.0 |
| 54" | | 70.2 | 105.3 | 120.0 | 106.7 | 120.0 | 120.0 | 120.0 | 120.0 | 91.9 | 120.0 | 120.0 |
| 60" | | 63.2 | 94.8 | 120.0 | 96.0 | 120.0 | 120.0 | 120.0 | 120.0 | 82.7 | 120.0 | 120.0 |
| 66" | | 57.5 | 86.2 | 114.9 | 87.3 | 109.1 | 120.0 | 116.1 | 120.0 | 75.2 | 112.7 | 120.0 |
| 72" | | 52.7 | 79.0 | 105.3 | 80.0 | 100.0 | 120.0 | 106.4 | 120.0 | 68.9 | 103.3 | 120.0 |
| 24" | 78" | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 30" | | 116.7 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 36" | | 97.2 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 42" | | 83.3 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 109.0 | 120.0 | 120.0 |
| 48" | | 72.9 | 109.4 | 120.0 | 110.8 | 120.0 | 120.0 | 120.0 | 120.0 | 95.4 | 120.0 | 120.0 |
| 54" | | 64.8 | 97.2 | 120.0 | 98.5 | 120.0 | 120.0 | 120.0 | 120.0 | 84.8 | 120.0 | 120.0 |
| 60" | | 58.3 | 87.5 | 116.7 | 88.6 | 110.8 | 120.0 | 117.9 | 120.0 | 76.3 | 114.5 | 120.0 |
| 66" | | 53.0 | 79.6 | 106.1 | 80.6 | 100.7 | 120.0 | 107.2 | 120.0 | 69.4 | 104.1 | 120.0 |
| 72" | | 48.6 | 72.9 | 97.2 | 73.8 | 92.3 | 120.0 | 98.3 | 120.0 | 63.6 | 95.4 | 120.0 |
| 24" | 84" | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 30" | | 108.3 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 36" | | 90.3 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 118.1 | 120.0 | 120.0 |
| 42" | | 77.4 | 116.1 | 120.0 | 117.6 | 120.0 | 120.0 | 120.0 | 120.0 | 101.2 | 120.0 | 120.0 |
| 48" | | 67.7 | 101.6 | 120.0 | 102.9 | 120.0 | 120.0 | 120.0 | 120.0 | 88.6 | 120.0 | 120.0 |
| 54" | | 60.2 | 90.3 | 120.0 | 91.4 | 114.3 | 120.0 | 120.0 | 120.0 | 78.7 | 118.1 | 120.0 |
| 60" | | 54.2 | 81.3 | 108.3 | 82.3 | 102.9 | 120.0 | 109.5 | 120.0 | 70.9 | 106.3 | 120.0 |
| 66" | | 49.2 | 73.9 | 98.5 | 74.8 | 93.5 | 120.0 | 99.5 | 120.0 | 64.4 | 96.6 | 120.0 |
| 72" | | 45.1 | 67.7 | 90.3 | 68.6 | 85.7 | 114.3 | 91.2 | 120.0 | 59.0 | 88.6 | 118.1 |
| 24" | 90" | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 30" | | 101.1 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 36" | | 84.3 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 110.2 | 120.0 | 120.0 |
| 42" | | 72.2 | 108.3 | 120.0 | 109.7 | 120.0 | 120.0 | 120.0 | 120.0 | 94.5 | 120.0 | 120.0 |
| 48" | | 63.2 | 94.8 | 120.0 | 96.0 | 120.0 | 120.0 | 120.0 | 120.0 | 82.7 | 120.0 | 120.0 |
| 54" | | 56.2 | 84.3 | 112.4 | 85.3 | 106.7 | 120.0 | 113.5 | 120.0 | 73.5 | 110.2 | 120.0 |
| 60" | | 50.6 | 75.8 | 101.1 | 76.8 | 96.0 | 120.0 | 102.2 | 120.0 | 66.1 | 99.2 | 120.0 |
| 66" | | 46.0 | 68.9 | 91.9 | 69.8 | 87.3 | 116.4 | 92.9 | 120.0 | 60.1 | 90.2 | 120.0 |
| 72" | | 42.1 | 63.2 | 84.3 | 64.0 | 80.0 | 106.7 | 85.2 | 120.0 | 55.1 | 82.7 | 110.2 |
| 24" | 96" | 118.5 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 30" | | 94.8 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 36" | | 79.0 | 118.5 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 103.3 | 120.0 | 120.0 |
| 42" | | 67.7 | 101.6 | 120.0 | 102.9 | 120.0 | 120.0 | 120.0 | 120.0 | 88.6 | 120.0 | 120.0 |
| 48" | | 59.3 | 88.9 | 118.5 | 90.0 | 112.5 | 120.0 | 119.8 | 120.0 | 77.5 | 116.3 | 120.0 |
| 54" | | 52.7 | 79.0 | 105.3 | 80.0 | 100.0 | 120.0 | 106.4 | 120.0 | 68.9 | 103.3 | 120.0 |
| 60" | | 47.4 | 71.1 | 94.8 | 72.0 | 90.0 | 120.0 | 95.8 | 120.0 | 62.0 | 93.0 | 120.0 |
| 66" | | 43.1 | 64.6 | 86.2 | 65.5 | 81.8 | 109.1 | 87.1 | 120.0 | 56.4 | 84.5 | 112.7 |
| 72" | | 39.5 | 59.3 | 79.0 | 60.0 | 75.0 | 100.0 | 79.8 | 119.8 | 51.7 | 77.5 | 103.3 |
| 24" | 102" | 111.5 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 30" | | 89.2 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 116.7 | 120.0 | 120.0 |
| 36" | | 74.4 | 111.5 | 120.0 | 112.9 | 120.0 | 120.0 | 120.0 | 120.0 | 97.3 | 120.0 | 120.0 |
| 42" | | 63.7 | 95.6 | 120.0 | 96.8 | 120.0 | 120.0 | 120.0 | 120.0 | 83.4 | 120.0 | 120.0 |
| 48" | | 55.8 | 83.6 | 111.5 | 84.7 | 105.9 | 120.0 | 112.7 | 120.0 | 72.9 | 109.4 | 120.0 |
| 54" | | 49.6 | 74.4 | 99.1 | 75.3 | 94.1 | 120.0 | 100.2 | 120.0 | 64.8 | 97.3 | 120.0 |
| 60" | | 44.6 | 66.9 | 89.2 | 67.8 | 84.7 | 112.9 | 90.2 | 120.0 | 58.4 | 87.5 | 116.7 |
| 66" | | 40.6 | 60.8 | 81.1 | 61.6 | 77.0 | 102.7 | 82.0 | 120.0 | 53.0 | 79.6 | 106.1 |

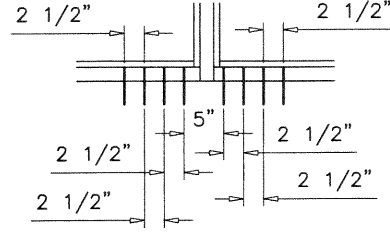
| ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-) | | | | | | | | | | | | |
|---|--------------|---------------------|-------|-------|----------------------|-------|-------|---------------------|-------|---------------------|-------|-------|
| NOMINAL DIMS. | | ANCHORS TYPE 'A' | | | ANCHORS TYPE 'AA' | | | ANCHORS TYPE 'B' | | ANCHORS TYPE 'C' | | |
| WIDTH (W) | FRAME HEIGHT | A2 | A3 | A4 | AA2 | AA3 | AA4 | B2 | B3 | C2 | C3 | C4 |
| 24" | 108" | 105.3 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 30" | | 84.3 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 110.2 | 120.0 | 120.0 |
| 36" | | 70.2 | 105.3 | 120.0 | 106.7 | 120.0 | 120.0 | 120.0 | 120.0 | 91.9 | 120.0 | 120.0 |
| 42" | | 60.2 | 90.3 | 120.0 | 91.4 | 114.3 | 120.0 | 120.0 | 120.0 | 78.7 | 118.1 | 120.0 |
| 48" | | 52.7 | 79.0 | 105.3 | 80.0 | 100.0 | 120.0 | 106.4 | 120.0 | 68.9 | 103.3 | 120.0 |
| 54" | | 46.8 | 70.2 | 93.6 | 71.1 | 88.9 | 118.5 | 94.6 | 120.0 | 61.2 | 91.9 | 120.0 |
| 60" | | 42.1 | 63.2 | 84.3 | 64.0 | 80.0 | 106.7 | 85.2 | 120.0 | 55.1 | 82.7 | 110.2 |
| 66" | | 38.3 | 57.5 | 76.6 | 58.2 | 72.7 | 97.0 | 77.4 | 116.1 | 50.1 | 75.2 | 100.2 |
| 24" | 114" | 99.8 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 30" | | 79.8 | 119.7 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 104.4 | 120.0 | 120.0 |
| 36" | | 66.5 | 99.8 | 120.0 | 101.1 | 120.0 | 120.0 | 120.0 | 120.0 | 87.0 | 120.0 | 120.0 |
| 42" | | 57.0 | 85.5 | 114.0 | 86.6 | 108.3 | 120.0 | 115.2 | 120.0 | 74.6 | 111.9 | 120.0 |
| 48" | | 49.9 | 74.8 | 99.8 | 75.8 | 94.7 | 120.0 | 100.8 | 120.0 | 65.3 | 97.9 | 120.0 |
| 54" | | 44.4 | 66.5 | 88.7 | 67.4 | 84.2 | 112.3 | 89.6 | 120.0 | 58.0 | 87.0 | 116.0 |
| 60" | | 39.9 | 59.9 | 79.8 | 60.6 | 75.8 | 101.1 | 80.7 | 120.0 | 52.2 | 78.3 | 104.4 |
| 66" | | 37.9 | 56.9 | 75.8 | 57.6 | 72.0 | 96.0 | 76.6 | 115.0 | 49.6 | 74.4 | 99.2 |
| 24" | 120" | 94.8 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| 30" | | 75.8 | 113.8 | 120.0 | 115.2 | 120.0 | 120.0 | 120.0 | 120.0 | 99.2 | 120.0 | 120.0 |
| 36" | | 63.2 | 94.8 | 120.0 | 96.0 | 120.0 | 120.0 | 120.0 | 120.0 | 82.7 | 120.0 | 120.0 |
| 42" | | 54.2 | 81.3 | 108.3 | 82.3 | 102.9 | 120.0 | 109.5 | 120.0 | 70.9 | 106.3 | 120.0 |
| 48" | | 47.4 | 71.1 | 94.8 | 72.0 | 90.0 | 120.0 | 95.8 | 120.0 | 62.0 | 93.0 | 120.0 |
| 54" | | 42.1 | 63.2 | 84.3 | 64.0 | 80.0 | 106.7 | 85.2 | 120.0 | 55.1 | 82.7 | 110.2 |
| 60" | | 37.9 | 56.9 | 75.8 | 57.6 | 72.0 | 96.0 | 76.6 | 115.0 | 49.6 | 74.4 | 99.2 |
| 66" | | 37.9 | 56.9 | 75.8 | 57.6 | 72.0 | 96.0 | 76.6 | 115.0 | 49.6 | 74.4 | 99.2 |



A2, AA2, B2, C2



A3, AA3, B3, C3



A4, AA4, C4

ANCHORS TYPES: SEE SHEET 7 FOR DESCRIPTION

A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
AA2 = (2) ANCHORS TYPE 'AA' AT EACH SIDE OF MULLION
B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION
C2 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION

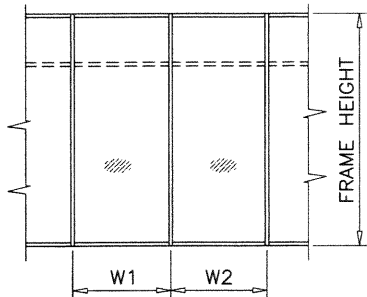
A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
AA3 = (3) ANCHORS TYPE 'AA' AT EACH SIDE OF MULLION
B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION
C3 = (3) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION

A4 = (4) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
AA4 = (4) ANCHORS TYPE 'AA' AT EACH SIDE OF MULLION
C4 = (4) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION

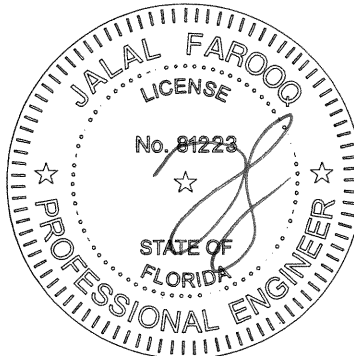
ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0915.18**
Expiration Date: **11/21/2022**
By: *Manuel Fern*
Miami-Dade Product Control

OCT 28 2020



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

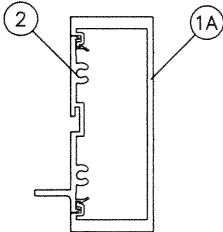


afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP - ANL \ W03 - 64SM

SERIES SMI-175 ALUM WINDOW WALL (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive, Suite 101
Coral Springs, FL. 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

| revisions: | no | date | by | description |
|------------|----|----------|----|----------------------|
| | G | 12.09.13 | | MANUF. ADDRESS REV. |
| | H | 10.24.14 | | NO CHANGE THIS SHEET |
| | I | 08.02.17 | | UPDATED TO 2017 FBC |
| | J | 06.25.20 | | UPDATED TO 2020 FBC |

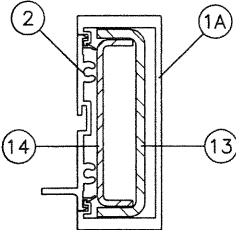
| DOOR MULLION LOAD CAPACITY | | |
|----------------------------|--------------|-------------------|
| NOMINAL DIMS. | | W/O REINF. |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) & INT.(-) |
| 30" | 81-3/4" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 90.0 |
| 30" | 85-3/4" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 90.0 |
| 30" | 91-3/4" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 90.0 |
| 30" | 96-3/4" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 90.0 |
| 30" | 97-3/4" | 90.0 |
| 36" | | 90.0 |
| 42" | | 90.0 |
| 48" | | 90.0 |



DOOR MULLION
WITHOUT REINFORCING

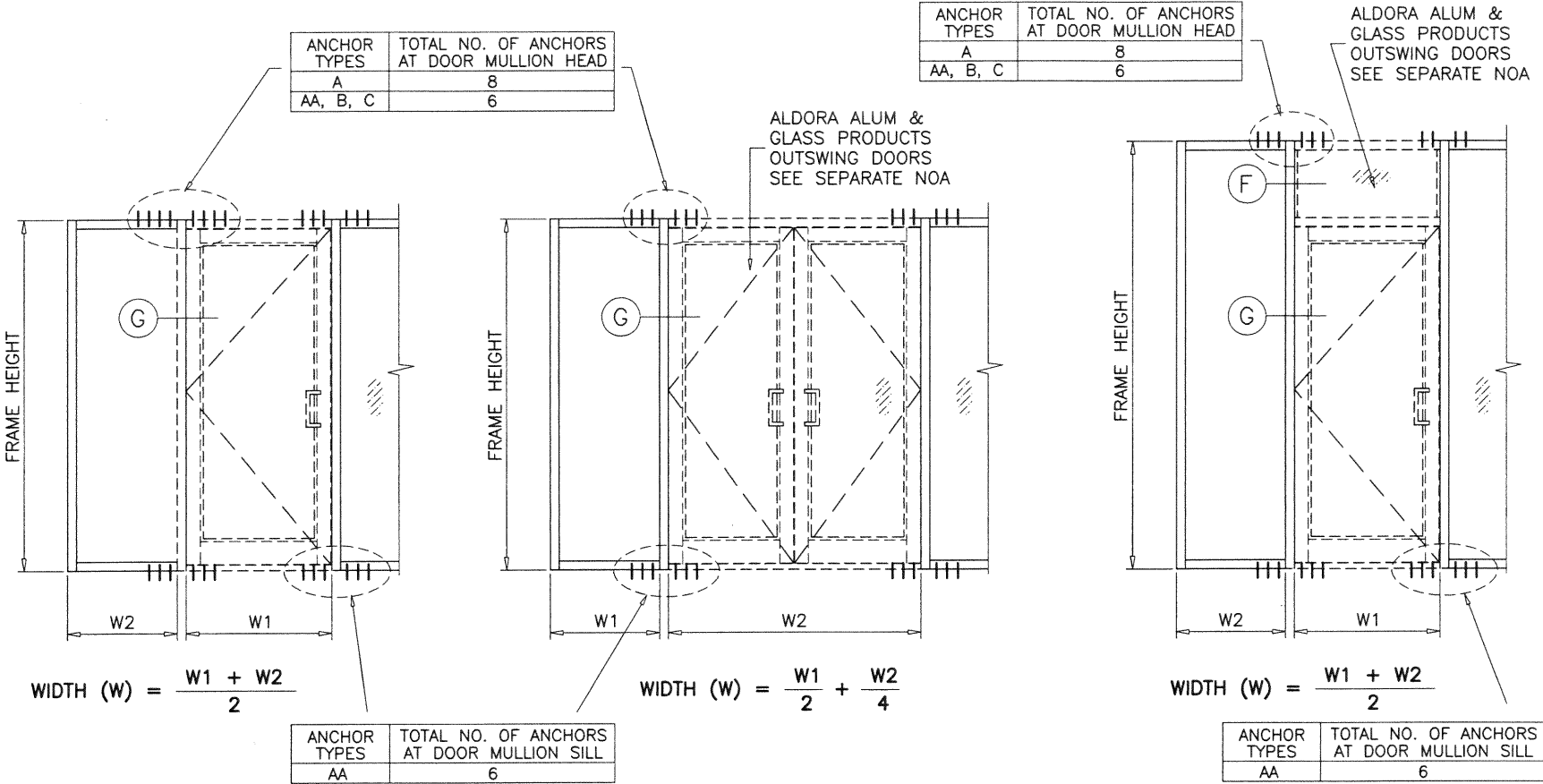
| Ix IN ⁴ | Sx IN ³ |
|--------------------|--------------------|
| 5.8433 | 2.5967 |

| DOOR MULLION LOAD CAPACITY | | |
|----------------------------|--------------|-------------------|
| NOMINAL DIMS. | | WITH REINF. |
| WIDTH (W) | FRAME HEIGHT | EXT.(+) & INT.(-) |
| 24" | 80" | 100.0 |
| 30" | | 100.0 |
| 36" | | 100.0 |
| 42" | | 100.0 |
| 48" | | 100.0 |
| 24" | 84" | 100.0 |
| 30" | | 100.0 |
| 36" | | 100.0 |
| 42" | | 100.0 |
| 48" | | 100.0 |
| 24" | 90" | 100.0 |
| 30" | | 100.0 |
| 36" | | 100.0 |
| 42" | | 100.0 |
| 48" | | 100.0 |
| 24" | 96" | 100.0 |
| 30" | | 100.0 |
| 36" | | 100.0 |
| 42" | | 100.0 |
| 48" | | 100.0 |
| 24" | 102" | 100.0 |
| 30" | | 100.0 |
| 36" | | 100.0 |
| 42" | | 100.0 |
| 48" | | 100.0 |
| 24" | 108" | 100.0 |
| 30" | | 100.0 |
| 36" | | 100.0 |
| 42" | | 100.0 |
| 48" | | 100.0 |
| 24" | 114" | 100.0 |
| 30" | | 100.0 |
| 36" | | 100.0 |
| 42" | | 100.0 |
| 48" | | 100.0 |
| 24" | 120" | 100.0 |
| 30" | | 100.0 |
| 36" | | 100.0 |
| 42" | | 100.0 |
| 48" | | 99.3 |



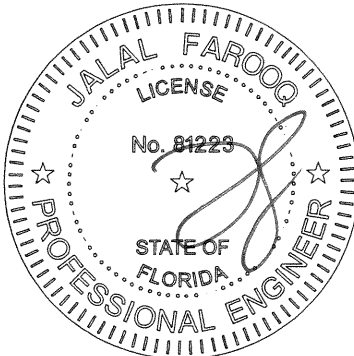
DOOR MULLION
WITH REINFORCING

| | Ix IN ⁴ | Sx IN ³ |
|---------------------------------|--------------------|--------------------|
| ALUMINUM | 5.8433 | 2.5967 |
| STEEL | 2.7384 | 1.3908 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 13.7847 | |



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0915.18**
Expiration Date: **11/21/2022**
By: *Manuel Perez*
Miami-Dade Product Control

OCT 28 2020



SERIES SMI-175 ALUM WINDOW WALL (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive, Suite 101
Coral Springs, FL 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

| no | date | by | description |
|----|----------|----|----------------------|
| G | 12.09.13 | | MANUF. ADDRESS REV. |
| H | 10.24.14 | | NO CHANGE THIS SHEET |
| I | 08.02.17 | | UPDATED TO 2017 FBC |
| J | 06.25.20 | | UPDATED TO 2020 FBC |

| | |
|----------|----------|
| date: | 08-11-03 |
| scale: | - |
| dr. by: | TARIQ |
| chk. by: | |

drawing no.
W03-64
sheet 5 of 10

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)

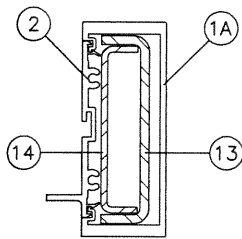
COMP-ANL\W03-64SM

| DOOR MULLION LOAD CAPACITY - PSF | | | | |
|----------------------------------|-----------------------|----------------------|----------------------|----------------------|
| NOMINAL DIMS. | | | | WITH REINF. |
| FRAME HEIGHT INCHES | DOOR HEIGHT INCHES | WIDTH (W1) INCHES | WIDTH (W2) INCHES | EXT. (+) INT. (-) |
| 108 | 80 | 60 | 30 | 100.0 |
| | | | 33 | 100.0 |
| | | | 39 | 100.0 |
| | | | 42 | 100.0 |
| | | 72 | 30 | 100.0 |
| | | | 33 | 100.0 |
| | | | 39 | 100.0 |
| | | | 42 | 97.5 |
| | | 84 | 30 | 98.8 |
| | | | 33 | 96.0 |
| | | | 39 | 90.9 |
| | | | 42 | 88.6 |
| | | 96 | 30 | 89.7 |
| | | | 33 | 87.4 |
| | | | 39 | 83.2 |
| | | | 42 | 81.2 |
| 114 | 80 | 60 | 30 | 100.0 |
| | | | 33 | 100.0 |
| | | | 39 | 98.2 |
| | | | 42 | 95.2 |
| | | 72 | 30 | 96.2 |
| | | | 33 | 93.3 |
| | | | 39 | 87.9 |
| | | | 42 | 85.5 |
| | | 84 | 30 | 86.3 |
| | | | 33 | 83.9 |
| | | | 39 | 79.6 |
| | | | 42 | 77.6 |
| | | 96 | 30 | 78.2 |
| | | | 33 | 76.3 |
| | | | 39 | 72.7 |
| 120 | 80 | 60 | 30 | 96.3 |
| | | | 33 | 93.0 |
| | | | 39 | 87.2 |
| | | | 42 | 84.6 |
| | | 72 | 30 | 85.1 |
| | | | 33 | 82.6 |
| | | | 39 | 78.0 |
| | | | 42 | 75.8 |
| | | 84 | 30 | 76.3 |
| | | | 33 | 74.3 |
| | | | 39 | 70.5 |
| | | | 42 | 68.8 |
| | | 96 | 30 | 69.1 |
| | | | 33 | 67.5 |

| 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 | 60 | 30 | 100.0 |
| | | | 33 | 100.0 |
| | | | 39 | 100.0 |
| | | | 42 | 100.0 |
| | | 72 | 30 | 100.0 |
| | | | 33 | 100.0 |
| | | | 39 | 100.0 |
| | | | 42 | 100.0 |
| | | 84 | 30 | 100.0 |
| | | | 33 | 99.0 |
| | | | 39 | 93.6 |
| | | | 42 | 91.1 |
| | | 96 | 30 | 92.6 |
| | | | 33 | 90.2 |
| | | | 39 | 85.7 |
| | | | 42 | 83.6 |
| 114 | 84 | 60 | 30 | 100.0 |
| | | | 33 | 100.0 |
| | | | 39 | 100.0 |
| | | | 42 | 97.0 |
| | | 72 | 30 | 98.4 |
| | | | 33 | 95.4 |
| | | | 39 | 89.8 |
| | | | 42 | 87.3 |
| | | 84 | 30 | 88.4 |
| | | | 33 | 85.9 |
| | | | 39 | 81.4 |
| | | | 42 | 79.3 |
| | | 96 | 30 | 80.2 |
| | | | 33 | 78.2 |
| | | | 39 | 74.4 |
| 120 | 84 | 60 | 30 | 97.9 |
| | | | 33 | 94.6 |
| | | | 39 | 88.6 |
| | | | 42 | 85.8 |
| | | 72 | 30 | 86.7 |
| | | | 33 | 84.1 |
| | | | 39 | 79.3 |
| | | | 42 | 77.1 |
| | | 84 | 30 | 77.8 |
| | | | 33 | 75.7 |
| | | | 39 | 71.8 |
| | | | 42 | 69.9 |
| | | 96 | 30 | 70.5 |
| | | | 33 | 68.8 |

| DOOR MULLION LOAD CAPACITY - PSF | | | | |
|----------------------------------|-----------------------|----------------------|----------------------|----------------------|
| NOMINAL DIMS. | | | | WITH REINF. |
| FRAME HEIGHT INCHES | DOOR HEIGHT INCHES | WIDTH (W1) INCHES | WIDTH (W2) INCHES | EXT. (+) INT. (-) |
| 114 | 96 | 60 | 30 | 100.0 |
| | | | 33 | 100.0 |
| | | | 39 | 100.0 |
| | | | 42 | 100.0 |
| | | 72 | 30 | 100.0 |
| | | | 33 | 100.0 |
| | | | 39 | 98.2 |
| | | | 42 | 95.2 |
| | | 84 | 30 | 98.0 |
| | | | 33 | 95.0 |
| | | | 39 | 89.5 |
| | | | 42 | 86.9 |
| | | 96 | 30 | 89.3 |
| | | | 33 | 86.8 |
| | | | 39 | 82.2 |
| 120 | 96 | 60 | 30 | 100.0 |
| | | | 33 | 100.0 |
| | | | 39 | 94.6 |
| | | | 42 | 91.5 |
| | | 72 | 30 | 93.7 |
| | | | 33 | 90.6 |
| | | | 39 | 85.1 |
| | | | 42 | 82.6 |
| | | 84 | 30 | 84.4 |
| | | | 33 | 81.9 |
| | | | 39 | 77.3 |
| | | | 42 | 75.2 |
| | | 96 | 30 | 76.7 |
| | | | 33 | 74.7 |

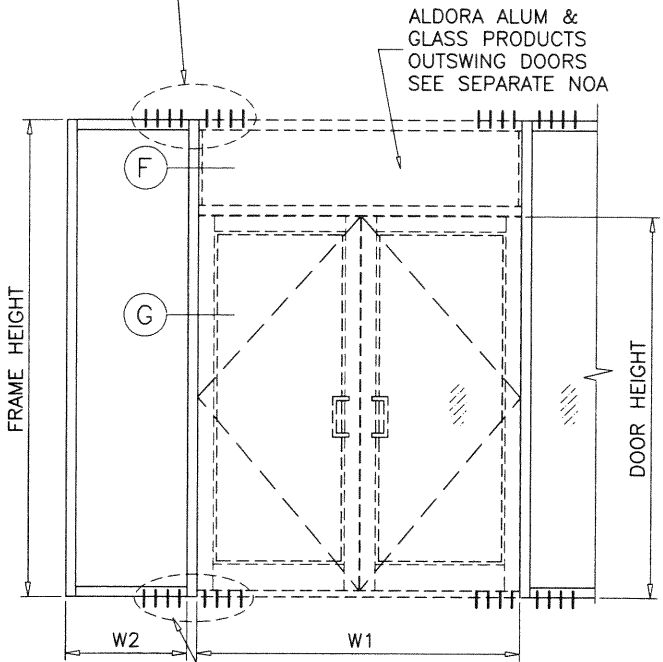
| DOOR MULLION LOAD CAPACITY - PSF | | | | |
|----------------------------------|-----------------------|----------------------|----------------------|----------------------|
| NOMINAL DIMS. | | | | WITH REINF. |
| FRAME HEIGHT INCHES | DOOR HEIGHT INCHES | WIDTH (W1) INCHES | WIDTH (W2) INCHES | EXT. (+) INT. (-) |
| 120 | 108 | 60 | 30 | 100.0 |
| | | | 33 | 100.0 |
| | | | 39 | 100.0 |
| | | | 42 | 100.0 |
| | | 72 | 30 | 100.0 |
| | | | 33 | 100.0 |
| | | | 39 | 94.9 |
| | | | 42 | 91.7 |
| | | 84 | 30 | 95.8 |
| | | | 33 | 92.6 |
| | | | 39 | 86.8 |
| | | | 42 | 84.2 |
| | | 96 | 30 | 87.6 |
| | | | 33 | 84.9 |



DOOR MULLION
WITH REINFORCING

| | Ix IN ⁴ | Sx IN ³ |
|---------------------------------|--------------------|--------------------|
| ALUMINUM | 5.8433 | 2.5967 |
| STEEL | 2.7384 | 1.3908 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 13.7847 | |

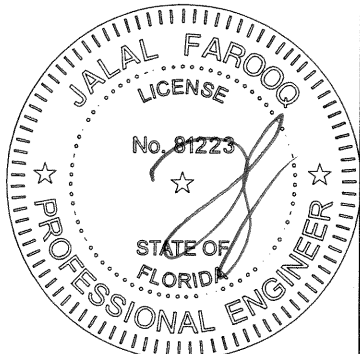
| ANCHOR TYPES | TOTAL NO. OF ANCHORS AT DOOR MULLION HEAD |
|-----------------|--|
| A | - |
| AA | 8 |
| B | 6 |
| C | 8 |



| ANCHOR TYPES | TOTAL NO. OF ANCHORS AT DOOR MULLION SILL |
|-----------------|--|
| AA | 8 |

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0915.18**
Expiration Date: **11/21/2022**
By: *Manuel Perez*
Miami-Dade Product Control

OCT 28 2020



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 W03-64SM

SERIES SMI-175 ALUM WINDOW WALL (L.M.I.)

Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive, Suite 101
Coral Springs, FL 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

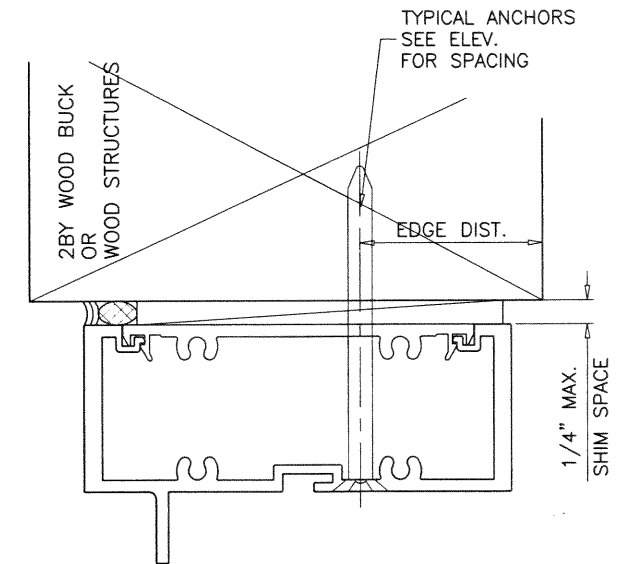
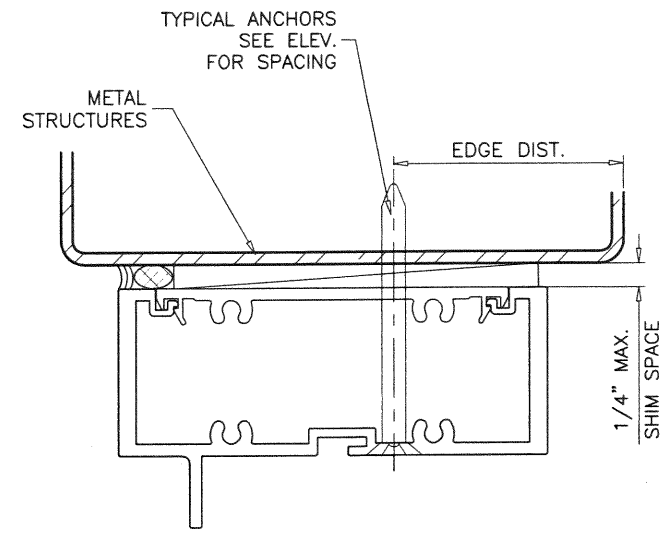
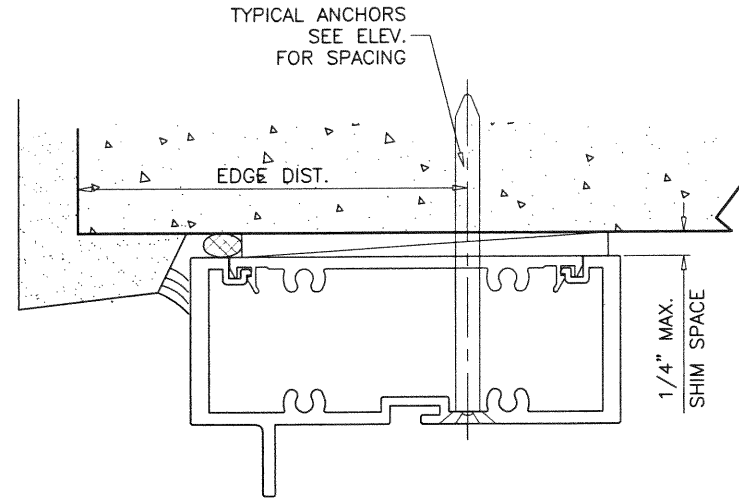
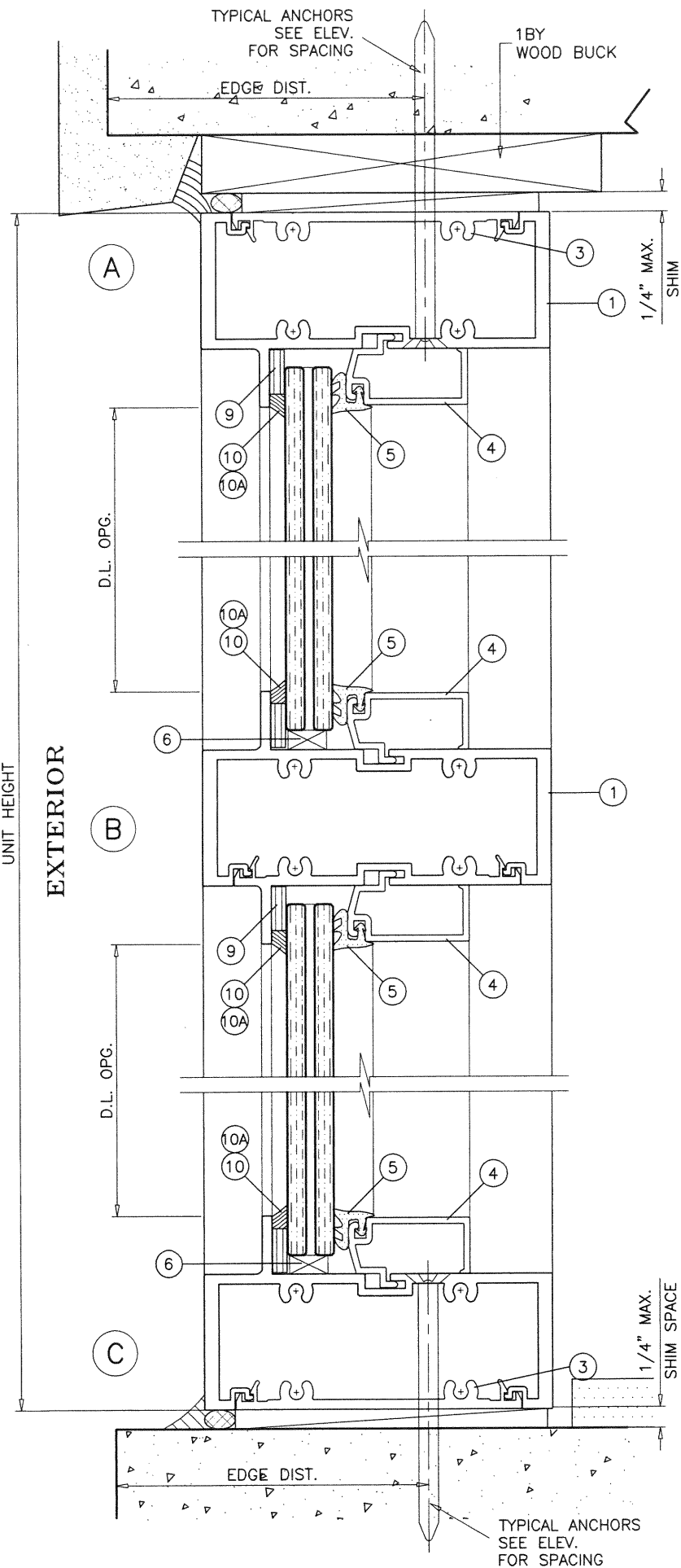
Revisions:

| no | date | by | description |
|----|----------|---------|-------------------|
| G | 12.09.13 | MANUF. | ADDRESS REV. |
| H | 10.24.14 | NO | CHANGE THIS SHEET |
| I | 08.02.17 | UPDATED | TO 2017 FBC |
| J | 06.25.20 | UPDATED | TO 2020 FBC |

date: 08-11-03
scale: -
dr. by: TARIQ
chk. by:

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W03-64
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UNIT HEIGHT
EXTERIOR



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A'— 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

TYPE 'AA'— 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 DIRECTLY INTO CONCRETE OR BLOCKS
 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-3/4" MIN. EMBED INTO FILLED BLOCKS (JAMBS)

TYPE 'B'— #14 SMS OR SELF DRILLING SCREWS (GRADE 2 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. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPE 'C'— 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
 INTO WOOD STRUCTURES
 1-7/8" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY OR 2BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

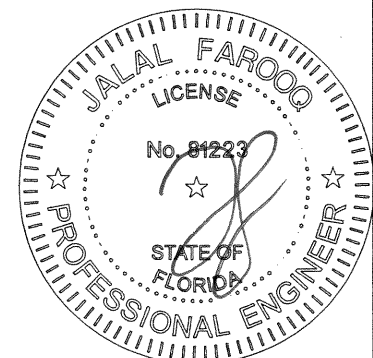
TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN. (FOR 1/4" ANCHORS)
 INTO WOOD STRUCTURE = 1-1/4" MIN. (FOR 5/16" ANCHORS)
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 GROUT FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

PRODUCT REVISED
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Expiration Date: 11/21/2022
 By: *Manuel Perez*
 Miami-Dade Product Control

OCT 28 2020



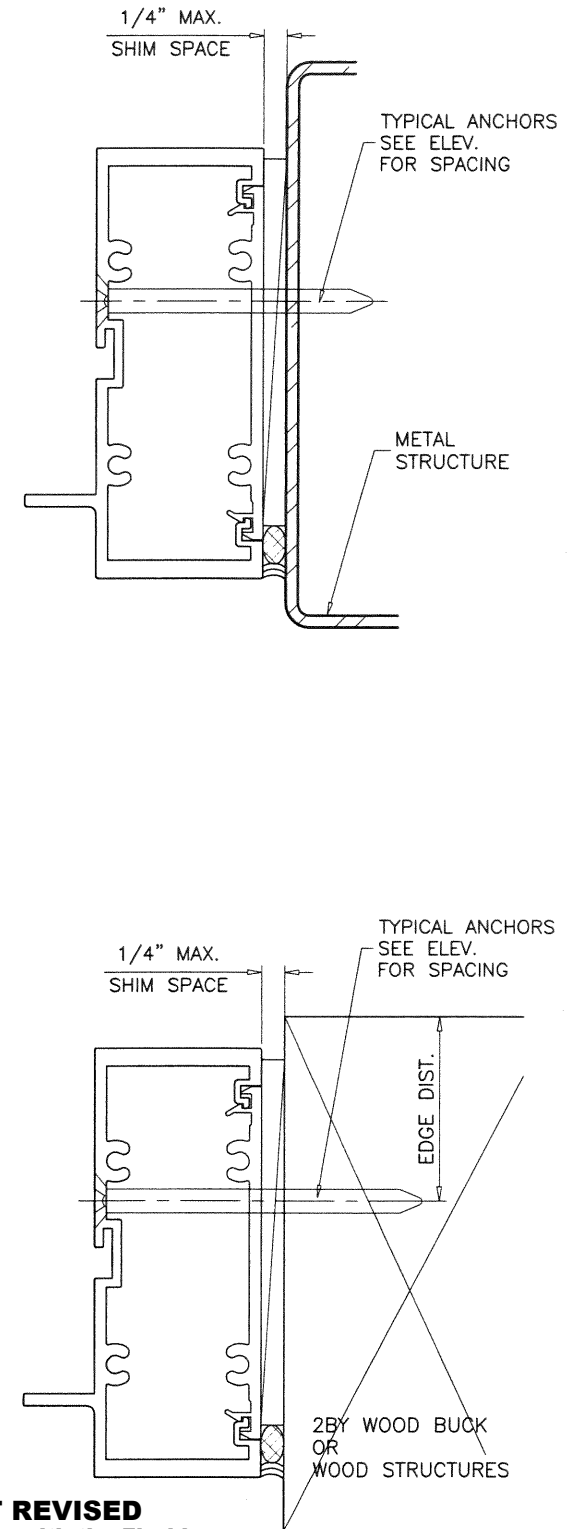
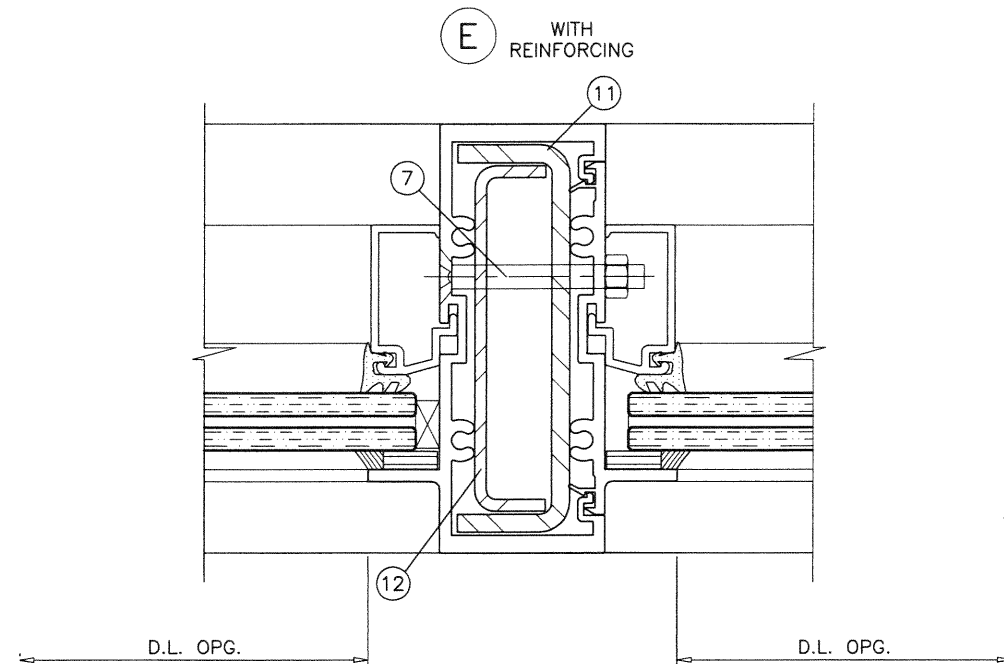
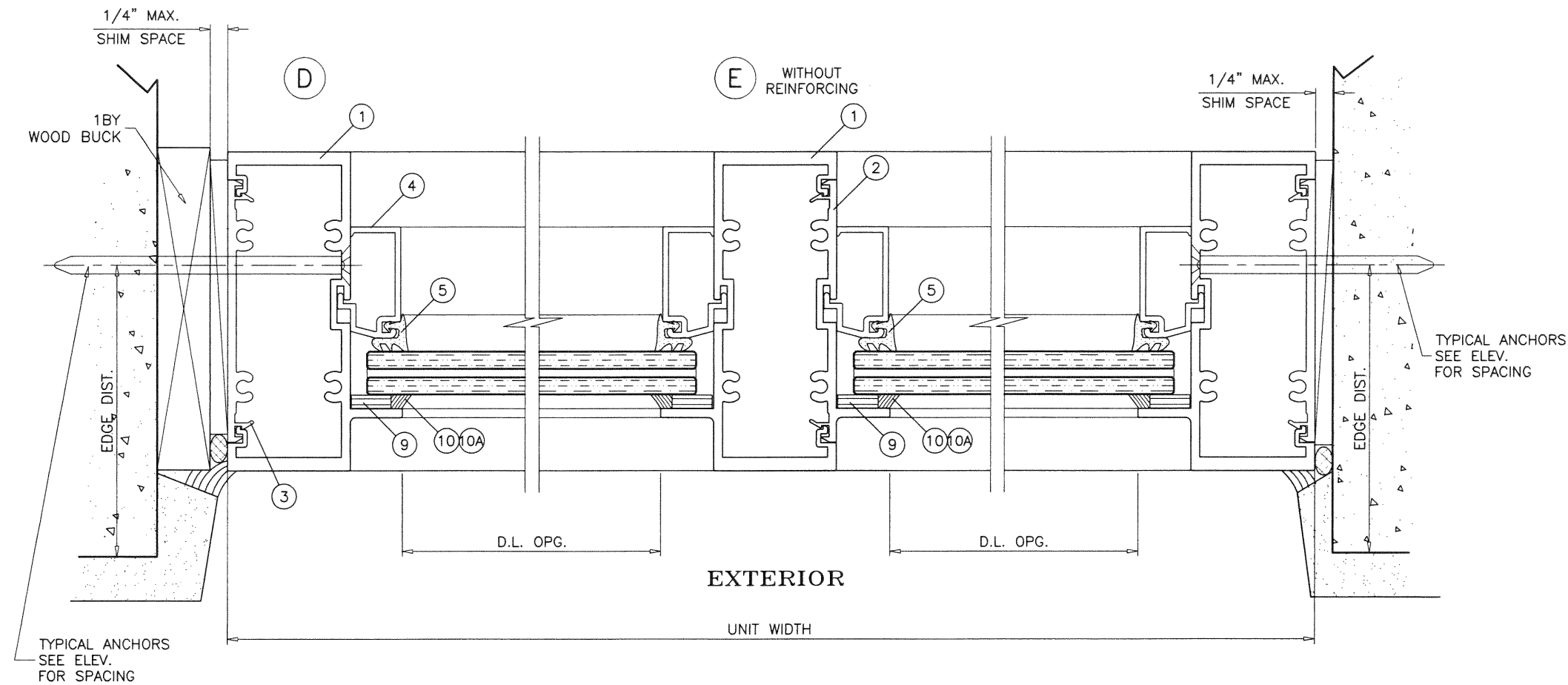
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 C.A.N. 3538

SERIES SMI-175 ALUM WINDOW WALL (L.M.I.)
Aldora Aluminum & Glass Products Inc.
 4250 Coral Ridge Drive, Suite 101
 Coral Springs, FL 33065
 Tel. (954) 784-6900 Fax. (954) 784-6901

| revisions: | | no | date | by | description |
|------------|--|----|----------|---------------------|--------------|
| | | G | 12.09.13 | MANUF. | ADDRESS REV. |
| | | H | 10.24.14 | UPDATED TO 2014 FBC | |
| | | I | 08.02.17 | UPDATED TO 2017 FBC | |
| | | J | 06.25.20 | UPDATED TO 2020 FBC | |

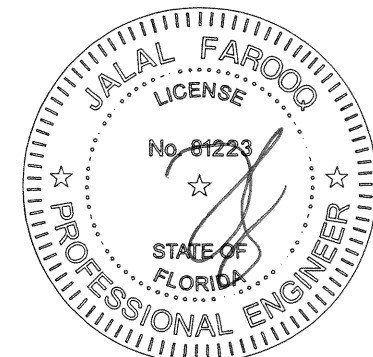
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| dr. by: | TARIQ |
| chk. by: | |

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| drawing no. | W03-64 |
| sheet | 7 of 10 |



PRODUCT REVISED
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Miami-Dade Product Control

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

COMP-ANL\W03-64SM

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Tel. (954) 784-6900 Fax. (954) 784-6901

COMP-ANL\W03-64SM

| revisions: | |
|------------|-------------------------------|
| no | description |
| G | 12.09.13 MANUF. ADDRESS REV. |
| H | 10.24.14 NO CHANGE THIS SHEET |
| I | 08.02.17 UPDATED TO 2017 FBC |
| J | 06.25.20 UPDATED TO 2020 FBC |

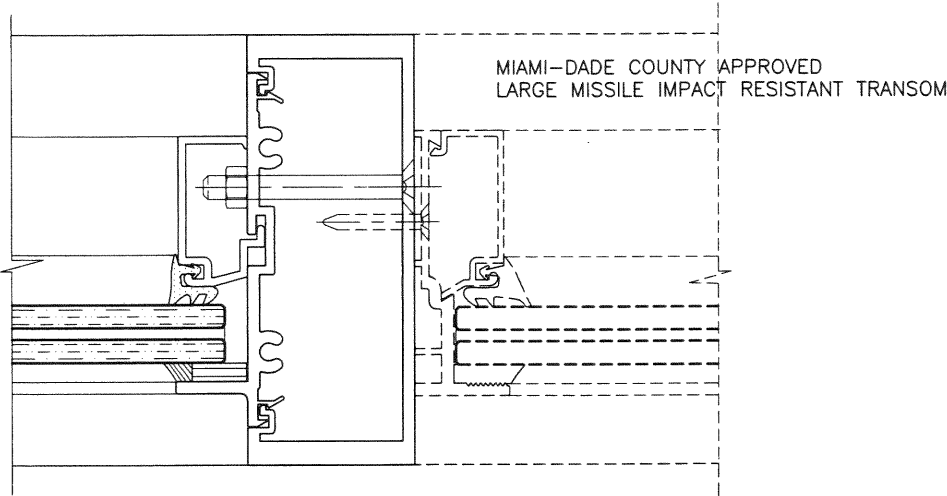
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| drawing no. | W03-64 |
| sheet | 8 of 10 |

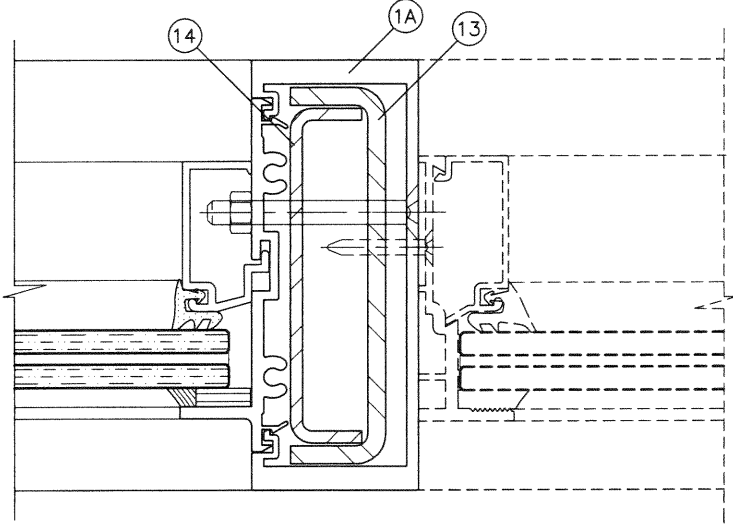
SEE SEPARATE NOA FOR DESIGN LOAD
CAPACITY OF DOORS AND DOOR ANCHORS.

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

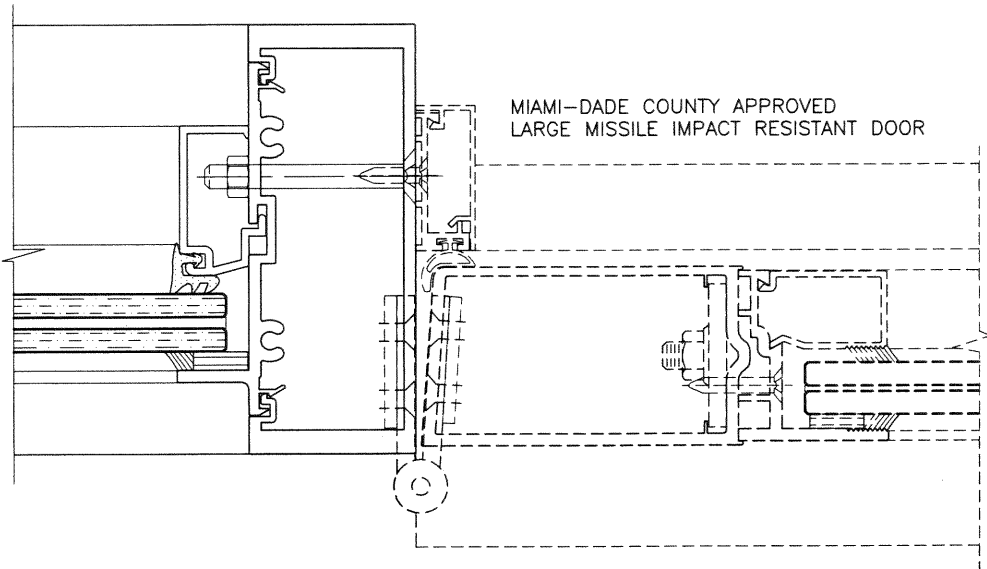
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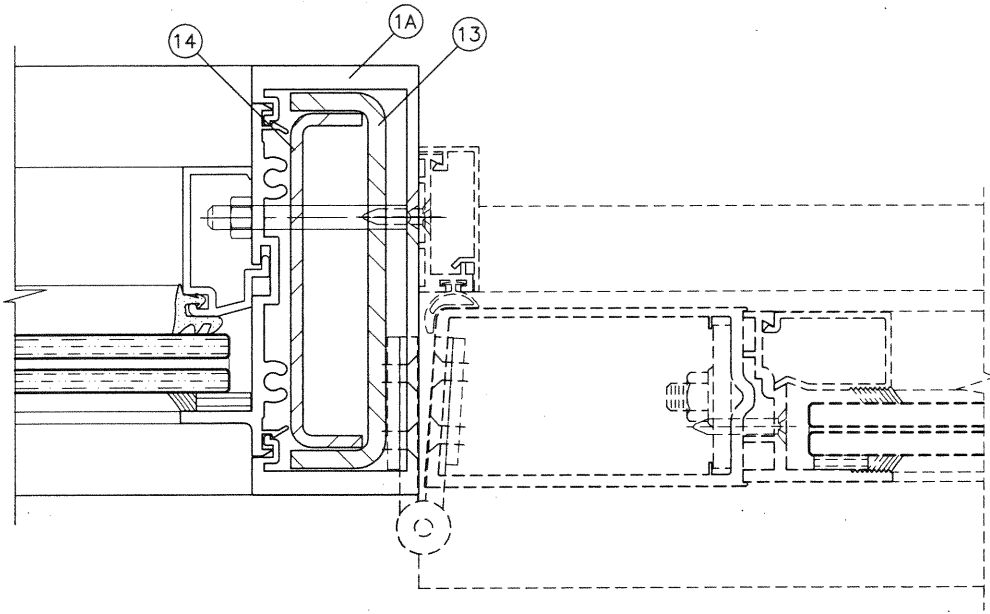
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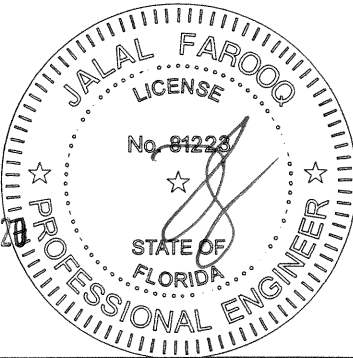
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REINFORCING



G WITH
REINFORCING



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Miami-Dade Product Control



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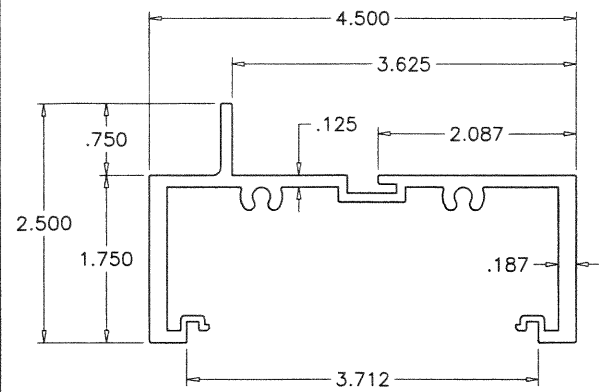
COMP-ANL\W03-64SM

revisions:

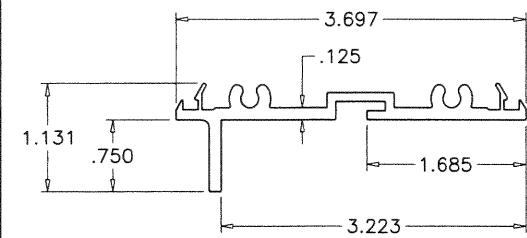
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dr. by: TARIQ
chk. by:

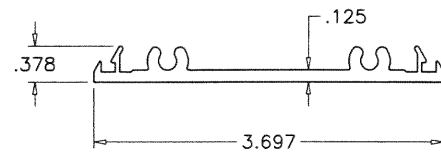
drawing no.
W03-64
sheet 9 of 10



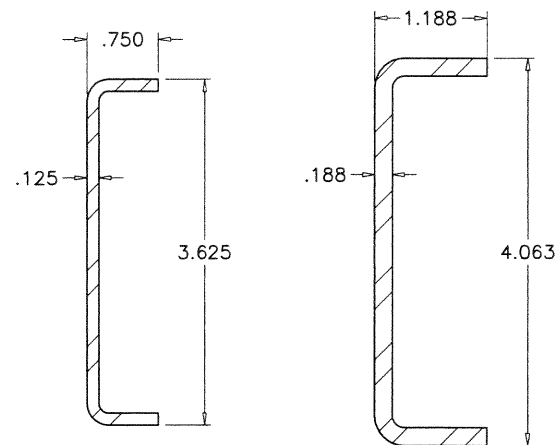
① FRAME HEAD/SILL/JAMB/MULLION



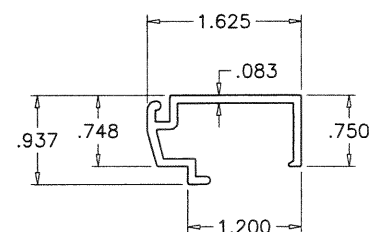
② INTERMEDIATE SNAP-IN



③ POCKET FILLER

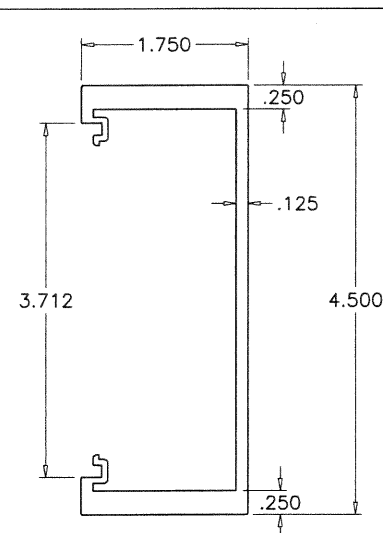


⑫ REINFORCING CHANNELS
STOREFRONT MULLION

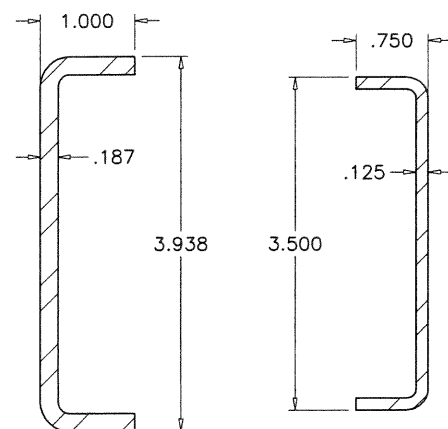


④ GLAZING STOP

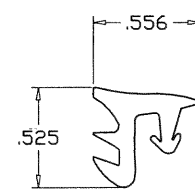
| ITEM # | PART # | QUANTITY | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|--------|-----------------|--------------|--|------------|--|
| 1 | SMI-001 | AS REQD. | FRAME HEAD/SILL/JAMB/MULLION | 6063-T6 | SMITH MOUNTAIN |
| 1A | SMI-005 | AS REQD. | DOOR MULLION | 6063-T6 | SMITH MOUNTAIN |
| 2 | SMI-003 | AS REQD. | INTERMEDIATE SNAP-IN | 6063-T6 | SMITH MOUNTAIN |
| 3 | SMI-004 | AS REQD. | FLAT FILLER, 4" LONG AT ANCHOR LOCATIONS | 6063-T6 | SMITH MOUNTAIN |
| 4 | SMI-002 | AS REQD. | GLASS STOP | 6063-T5 | SMITH MOUNTAIN |
| 5 | SMI-G01 | AS REQD. | GLAZING GASKET | EPDM 70 ±5 | GLAZING RUBBER PRODUCTS |
| 6 | SMI-G03 | AS REQD. | SETTING BLOCK (1/4" X 1/2" X 2" LONG) | EPDM 70 ±5 | FRANK LOWE |
| 7 | 1/4-20 X 2-1/4" | AS REQD. | MULLION SCREWS WITH NUT & WASHER | - | AT 9" FROM ENDS & 24" O.C. |
| 8 | #12 X 1-1/2" | 2 PER CORNER | FRAME ASSEMBLY SCREWS | - | HEX H SELF DRILLING |
| 9 | SMI-G02 | - | ADHESIVE FOAM TAPE (1/4" X 1/2") | - | FRANK LOWE/BUTNICK |
| 10 | 995 | - | GLAZING COMPOUND | - | DOW CORNING |
| 10A | 895/896 | - | GLAZING COMPOUND | - | PECORA |
| 11 | - | - | REINFORCING CHANNEL (STOREFRONT MULLION) | STEEL | 1-3/16" X 4-1/16" X 1-3/16" X 3/16" THK. (ASTM A36, Fy 36 KSI) |
| 12 | - | - | REINFORCING CHANNEL (STOREFRONT MULLION) | STEEL | 3/4" X 3-5/8" X 3/4" X 1/8" THK. (ASTM A36, Fy 36 KSI) |
| 13 | - | - | REINFORCING CHANNEL (DOOR MULLION) | STEEL | 1" X 3-15/16" X 1" X 3/16" THK. (ASTM A36, Fy 36 KSI) |
| 14 | - | - | REINFORCING CHANNEL (DOOR MULLION) | STEEL | 3/4" X 3-1/2" X 3/4" X 1/8" THK. (ASTM A36, Fy 36 KSI) |



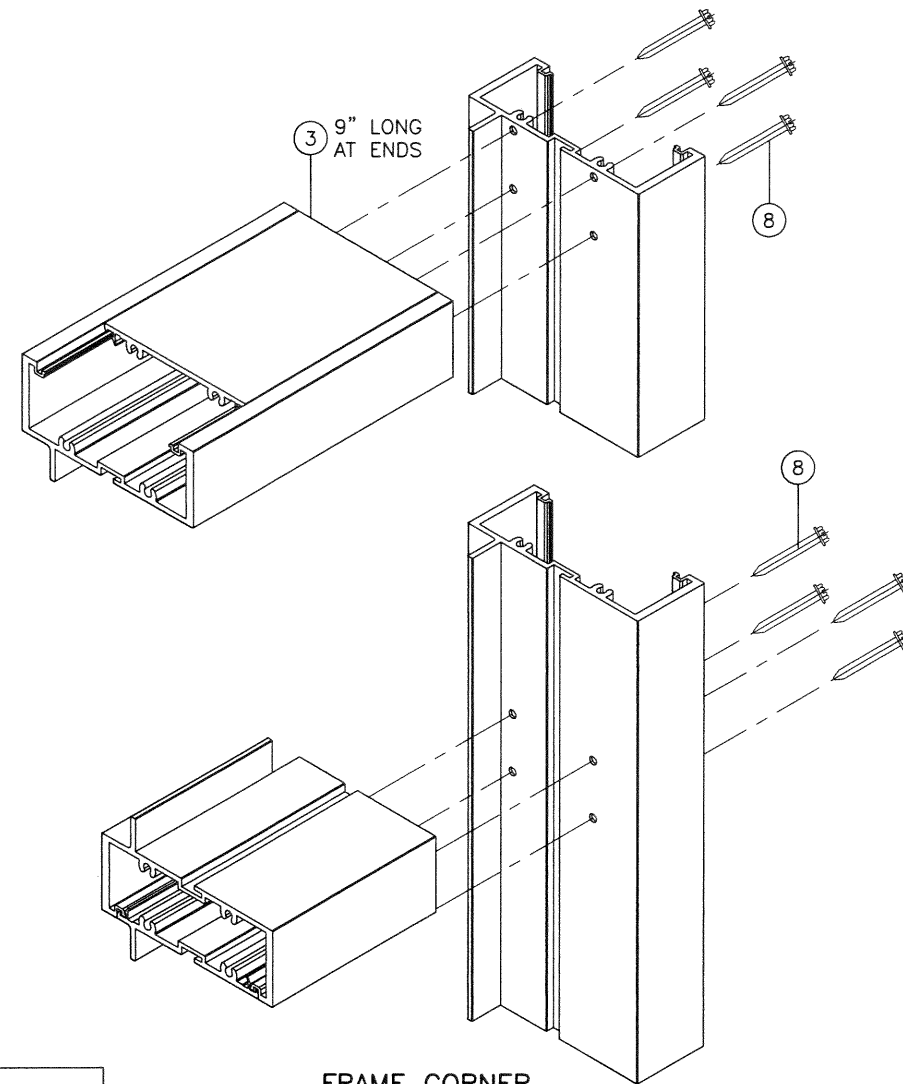
①A DOOR MULLION



⑬ REINFORCING CHANNELS
DOOR MULLION



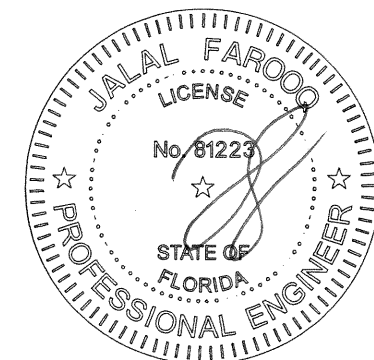
⑤ WEDGE-IN GASKET
SCALE 1:1



FRAME CORNER

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