



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

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

CGI Windows and Doors, Inc.  
3780 W. 103<sup>rd</sup> Street  
Hialeah, FL 33018

### 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 "CA 7300" Outswing PVC Casement Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. 7300NOA-1 Rev A (former W13-24 Rev E), titled "Series 7300 PVC Casement Windows (L.M.I.)", sheets 1 through 9 of 9, dated 05/22/20, prepared by manufacturer, signed and sealed by Lynn Miller, P.E., bearing the Miami-Dade County Product Control Renewal 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. 19-0102.04 and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5, E-6 and E-7, as well as approval document mentioned above.

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



*Ishaq I. Chanda*

NOA No. 20-0528.05  
Expiration Date: February 20, 2024  
Approval Date: November 12, 2020  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections. *(Submitted under NOA No. 13-1115.06)*
2. Drawing No. **W13-24**, titled "Series 'Targa 7300' PVC Casement Wdw. (L.M.I./S.M.I.)", sheets 1, 2, 3, 3.1 and 4 through 9 of 9, dated 05/17/13, with revision D dated 12/23/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
along with marked-up drawings and installation diagram of extruded vinyl equal leg, /fin/flange frame casement windows, prepared by Fenestration Testing Laboratory, Test Report No. **FTL-9115** dated 09/06/16, signed and sealed by Idalmis Ortega, P.E.
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a series 7500 PVC fixed window, to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Test Laboratories, Test Report No. **CTLA-3056 WA**, dated 03/03/15, signed and sealed by Ramesh C. Patel, P.E.  
*(Submitted under NOA No. 15-0512.18)*
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a series 7400 PVC project out window, to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Test Laboratories, Test Report No. **CTLA-3056 WB**, dated 03/03/15, signed and sealed by Ramesh C. Patel, P.E.  
*(Submitted under NOA No. 15-0512.18)*
4. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a series 238 aluminum fixed window, to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Test Laboratories, Test Report No. **CTLA-3056 WC**, dated 04/16/15, signed and sealed by Ramesh C. Patel, P.E.  
*(Submitted under NOA No. 15-0512.18)*

*Ishaq I. Chanda*

**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 19-0102.04**  
**Expiration Date: February 20, 2024**  
**Approval Date: February 07, 2019**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS (CONTINUED)**

5. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of extruded vinyl equal leg, /fin/flange frame casement windows, prepared by Element Materials Technology., Test Report No. **CTLA-3029W** dated 09/05/14, signed and sealed by Ramesh C. Patel, P.E. *(Submitted under NOA No. 14-1204.08)*
6. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of extruded vinyl equal leg frame casement windows, prepared by Element Materials Technology., Test Report No. **CTLA-3029W-1** dated 09/05/14, signed and sealed by Ramesh C. Patel, P.E. *(Submitted under NOA No. 14-1204.08)*
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  
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 extruded vinyl equal leg, /fin/flange frame casement windows, prepared by Element Materials Technology., Test Report No. **EMT-ESP014634P**, dated 09/26/13, signed and sealed by Ramesh C. Patel, P.E. *(Submitted under NOA No. 13-1115.06)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 5<sup>th</sup> Edition (2014)**, dated 12/22/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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. **14-0916.11** issued to **Kuraray America, Inc.** for their **“SentryGlas® (Clear and White) Glass Interlayers”** dated 06/25/15, expiring on 07/04/18.
2. Notice of Acceptance No. **16-1117.01** issued to **Kuraray America, Inc.** for their **“Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers”** dated 01/19/17, expiring on 07/08/19. (Formerly Butacite®).

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0528.05**  
**Expiration Date: February 20, 2024**  
**Approval Date: November 12, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS (conti)**

3. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their “**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 06/19/14, expiring on 12/11/18.
4. Notice of Acceptance No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their “**Saflex Clear and Color Glass Interlayers**” dated 06/19/14, expiring on 05/21/16.
5. Notice of Acceptance No. **13-1203.02** issued to Deceuninck North America, LLC for their “**White Rigid PVC Exterior Extrusions for Windows and Doors**” dated 02/20/14, expiring on 02/19/19.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 5<sup>th</sup> Edition (2014)**, and of no financial interest, dated December 22, 2016, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Approved Proposal issued by Product Control Section, dated 06/10/14, signed by Jaime Gascon, P.E., Supervisor, Product Control Section.  
*(Submitted under NOA No. 14-1204.08)*
3. Test Proposal for the qualification of **Butacite®** PVB glass interlayer by Kuraray America, Inc., as well as **Duraseal®** and **Super Spacer® Standard** warm-edge flexible insulating glass spacers, dated December 16, 2014, issued by RER, Product Control Section, signed by Jaime Gascon, P.E., Supervisor, Product Control Section.  
*(Submitted under NOA No. 15-0512.18)*
4. Approved Proposal No. **16-0275R** issued by the Product Control Section, dated March 3, 2016 and revised on April 7, 2016, signed by Manuel Perez, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **15-0512.18**, issued to CGI Windows and Doors, Inc. for their Series “Targa 7300” Outswing White PVC Casement Window - L.M.I., approved on 09/17/15 and expiring on 02/20/19.

**2. EVIDENCE SUBMITTED under previous approval**

**A. DRAWINGS**

1. Drawing No. **W13-24**, titled “Series ‘Targa 7300’ PVC Casement Wdw. (L.M.I./S.M.I.)”, sheets 1, 2, 3, 3.1 and 4 through 9 of 9, dated 05/17/13, with revision **E** dated 09/05/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. None.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0528.05**  
**Expiration Date: February 20, 2024**  
**Approval Date: November 12, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 06/25/15, expiring on 07/04/18.
2. Notice of Acceptance No. **16-1117.01** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Interlayers**” dated 01/19/17, expiring on 07/08/19.
3. Notice of Acceptance No. **17-0712.03** issued to **Eastman Chemical Company (MA)** for their “**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 09/07/17, expiring on 12/11/18.
4. 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.
5. Notice of Acceptance No. **13-1203.02** issued to Deceuninck North America, LLC for their “**White Rigid PVC Exterior Extrusions for Windows and Doors**” dated 02/20/14, expiring on 02/19/19.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 5<sup>th</sup> Edition (2014)**, with **FBC 6<sup>th</sup> Edition (2017)** and of no financial interest, dated August 30, 2017, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **17-0112.02**, issued to CGI Windows and Doors, Inc. for their Series “Targa 7300” Outswing White PVC Casement Window - L.M.I., approved on 03/30/17 and expiring on 02/20/19.

**3. EVIDENCE SUBMITTED under previous NOA(s)**

**A. DRAWINGS**

1. Drawing No. **W13-24**, titled “Series ‘Targa 7300’ PVC Casement Wdw. (L.M.I./S.M.I.)”, sheets 1, 2, 3, 3.1 and 4 through 9 of 9, dated 05/17/13, with revision **E** dated 09/05/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (submitted under file # **17-0918.12**)

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0528.05**  
**Expiration Date: February 20, 2024**  
**Approval Date: November 12, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**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. **16-1117.01** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Interlayers**” dated 01/19/17, expiring on 07/08/19.
3. Notice of Acceptance No. **18-0301.06** issued to **Eastman Chemical Company (MA)** for their “**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 05/17/18, expiring on 12/11/23.
4. 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.
5. Notice of Acceptance No. **13-1203.02** issued to Deceuninck North America, LLC for their “**White Rigid PVC Exterior Extrusions for Windows and Doors**” dated 02/20/14, expiring on 02/19/19.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 5<sup>th</sup> Edition (2014)**, with **FBC 6<sup>th</sup> Edition (2017)** and of no financial interest, dated August 30, 2017, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (submitted under file # **17-0918.12**)

**G. OTHERS**

1. Notice of Acceptance No. **17-0918.12**, issued to CGI Windows and Doors, Inc. for their Series “Targa 7300” Outswing White PVC Casement Window - L.M.I., approved on 11/30/17 and expiring on 02/20/19.

**4. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **7300NOA-1 Rev A** (former **W13-24 Rev E**), titled “Series 7300 PVC Casement Windows (L.M.I.)”, sheets 1 through 9 of 9, dated 05/22/20, prepared by manufacturer, signed and sealed by Lynn Miller, P.E.

**B. TESTS**

1. Test reports on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of all CGI Windows and Doors, Inc. and PGT Industries, Inc., representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, per Proposal #**19-1155TP**, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.:

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0528.05**  
**Expiration Date: February 20, 2024**  
**Approval Date: November 12, 2020**



**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS (continue):**

**CGI Windows and Doors Inc. test specimens:**

**FTL-20-2108.1**, CGI SH360 Aluminum Single Hung Window (unit 1 in proposal) **FTL-20-2108.2**, CGI CA238 Alum. Outswing Casement Window (unit 2 in proposal) **FTL-20-2108.3**, CGI SGD560 Aluminum Sliding Glass Door (unit 3 in proposal) **FTL-20-2108.4**, CGI PW410 Aluminum Fixed Window (unit 4 in proposal) and **FTL-20-2108.5**, CGI SH360 Aluminum Single Hung Window (unit 5 in proposal) all dated 08/24/20 and signed and sealed by Idalmis Ortega, P.E.

**PGT Industries, Inc. test specimens:**

**FTL-7897**, PGT PW5520 PVC Fixed Window (unit 6 in proposal), dated 09/03/14 **FTL-20-2107.1**, PGT SGD780 Aluminum Sliding Glass Door (unit 7 in proposal) **FTL-20-2107.2**, PGT CA740 Alum. Outswing Casement Window (unit 8 in proposal) **FTL-20-2107.3**, PGT PW7620A Aluminum Fixed Window (unit 9 in proposal) and **FTL-20-2107.4**, PGT PW7620A Aluminum Fixed Window (unit 10 in proposal) all dated 07/13/20 and signed and sealed by Idalmis Ortega, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 2020, 7<sup>th</sup> Edition**, prepared by Mfr., dtd 05/22/20, signed and sealed by A. Lynn Miller, P. E.
2. Glazing complies with ASTM E1300-04, -09, -12 and -16.

**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**”, expiring on 07/04/23.
2. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** (Former E.I. DuPont DE Nemours & Co., Inc. for the “**Kuraray Trofossil Ultra clear and color PVB Interlayer (Former Kuraray Butacite® PVB interlayer)**”, expiring on 07/08/24.
3. Notice of Acceptance No. **18-0301.06** issued to **Eastman Chemical Company (MA)** for their “**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 05/17/18, expiring on 12/11/23.
4. 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.
5. Notice of Acceptance No. **19-0619.03** issued to Deceuninck North America, LLC for their “**White Rigid PVC Exterior Extrusions for Windows and Doors**”, expiring on 02/19/24.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2020 (7<sup>th</sup> Edition), issued by manufacturer, dated 07/14/20, signed and sealed by Lynn Miller, P. E.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0528.05**  
**Expiration Date: February 20, 2024**  
**Approval Date: November 12, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS (continue)**

2. Notification of Successor Engineer per the Florida Administrative Code Section 61G15-27.001, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated 06/12/20, signed and sealed by A. Lynn Miller, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **19-0102.04**, issued to CGI Windows and Doors, Inc. for their Series "Targa 7300" Outswing White PVC Casement Window - L.M.I., and updates to FBC 2020, expiring 02/20/24.
2. RER Test proposals #**19-1155** dated 01/10/20 approved by Ishaq I. Chanda, P.E.

*Ishaq I. Chanda*

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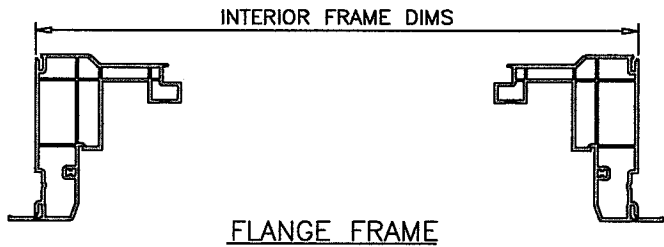
**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0528.05**  
**Expiration Date: February 20, 2024**  
**Approval Date: November 12, 2020**



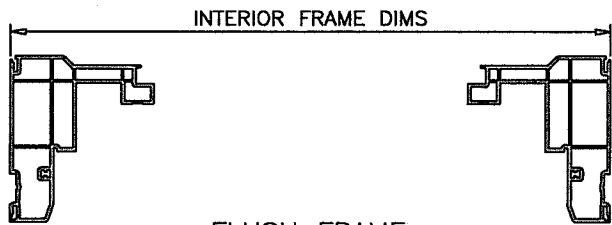


DESIGN LOAD CAPACITY - PSF									
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', 'A1'		GLASS TYPES 'B', 'B1'		GLASS TYPES 'C1'		GLASS TYPES 'D1'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
18-1/8"	25"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
25-1/2"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
36"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
41"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
18-1/8"	37-3/8"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
25-1/2"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
36"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
41"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
18-1/8"	49-5/8"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
25-1/2"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
36"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
41"		60.0	60.0	68.5	68.5	60.0	60.0	70.0	70.0
18-1/8"	58"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
25-1/2"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
36"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
41"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
18-1/8"	62"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
25-1/2"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
36"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
41"		60.0	60.0	68.5	68.5	60.0	60.0	70.0	70.0
18-1/8"	73-1/4"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
25-1/2"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
36"		60.0	60.0	70.0	70.0	-	-	70.0	70.0
18-1/8"	75"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
25-1/2"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
36"		60.0	60.0	70.0	70.0	-	-	70.0	70.0

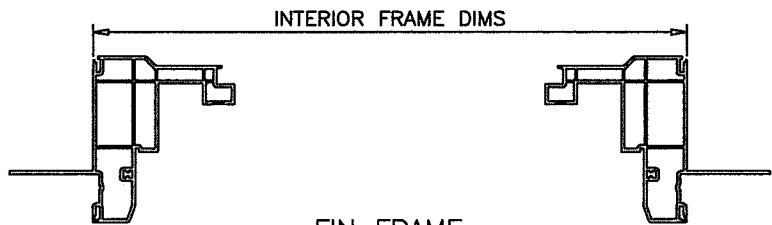
DESIGN LOAD CAPACITY - PSF									
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', 'A1'		GLASS TYPES 'B', 'B1'		GLASS TYPES 'C1'		GLASS TYPES 'D1'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
23"	35"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
29"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
35"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
38"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
41"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
23"	47"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
29"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
35"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
38"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
41"	59"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
23"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
29"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
35"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
38"	71"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
41"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
23"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
29"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
35"	72"	60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
36"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
23"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
29"		60.0	60.0	70.0	70.0	60.0	60.0	70.0	70.0
35"	83"	60.0	60.0	70.0	70.0	57.0	57.0	70.0	70.0
36"		60.0	60.0	70.0	70.0	57.0	57.0	70.0	70.0
23"		52.5	52.5	70.0	70.0	46.1	46.1	61.3	61.3



FLANGE FRAME



FLUSH FRAME



FIN FRAME

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

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0528.05  
Expiration Date 02/20/2024  
By Ishag I. Chank  
Miami-Dade Product Control

PREPARED BY A. LYNN MILLER  
1070 TECHNOLOGY DRIVE  
N. VENICE, FL 34275  
(941) 480-1600

CGI DOORS AND WINDOWS, INC.  
3780 W 104TH STREET  
HIALEAH, FL 33018  
(305) 593-6590

REGISTRATION #29296

7300 PVC CASEMENT WINDOW - LMI

DESIGN PRESSURES

05/15/20

J ROSOWSKI

CA7300

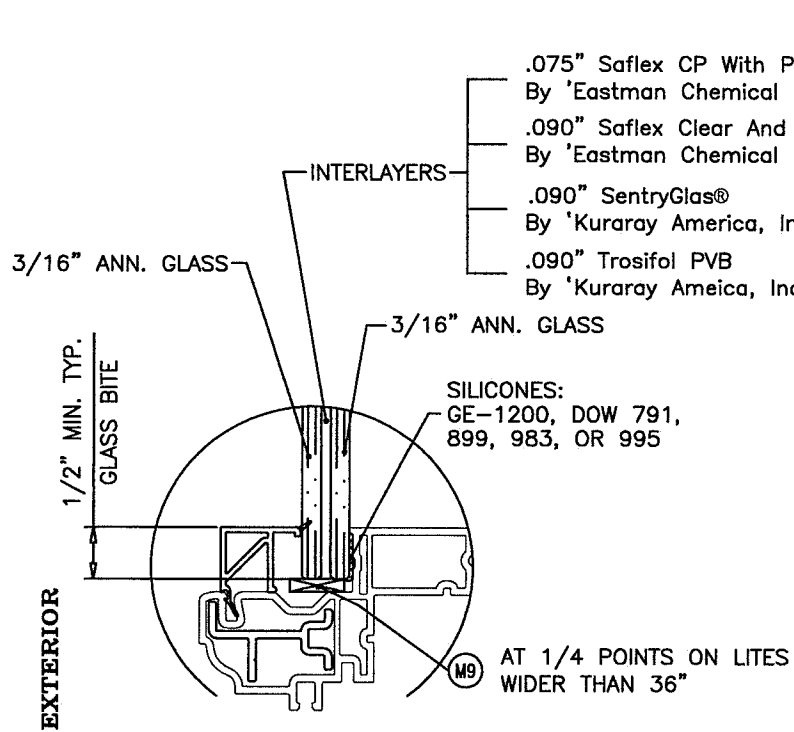
NTS

2 OF 9

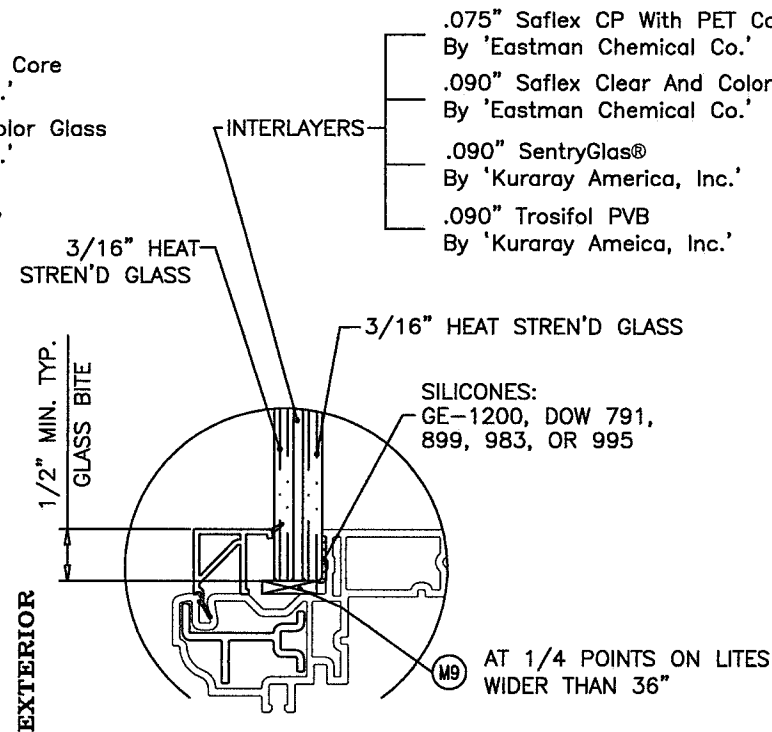
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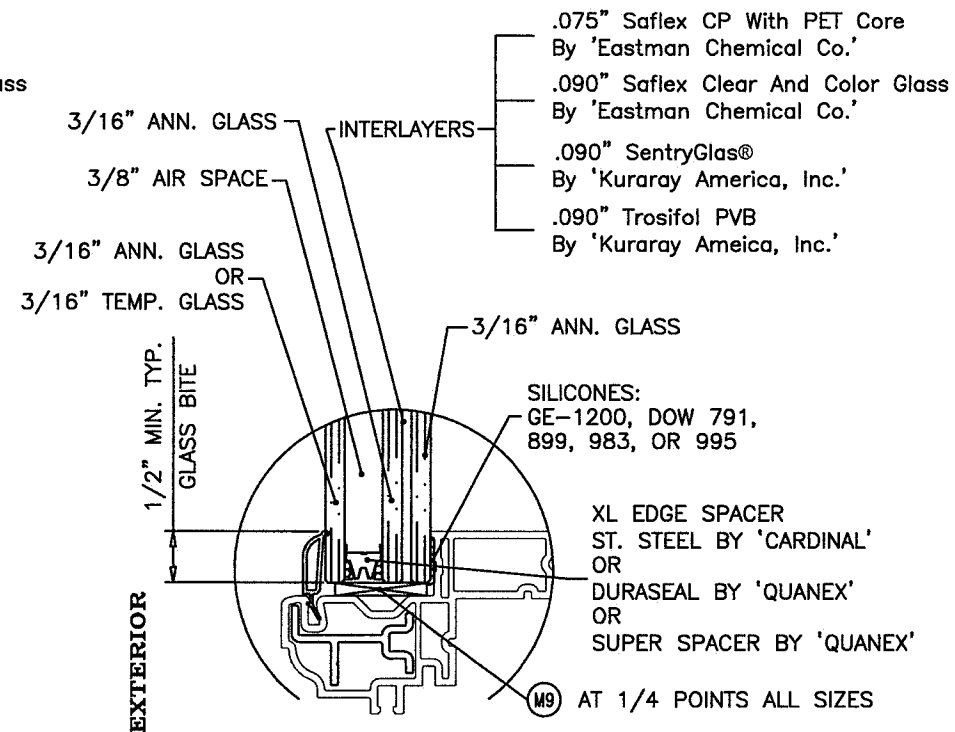
ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
5/22/20  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705



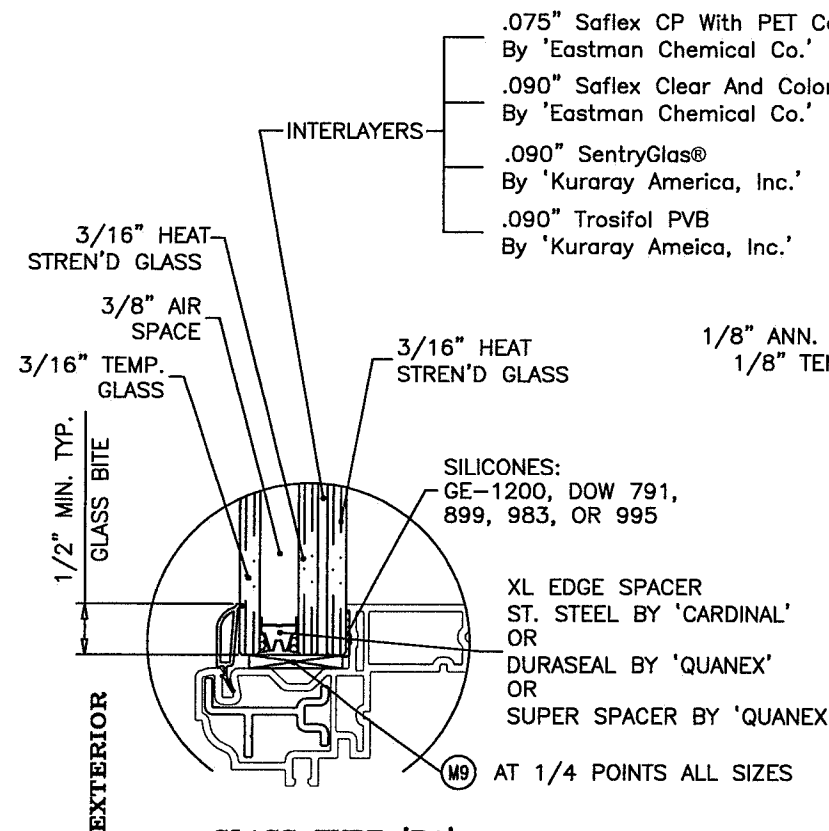
**GLASS TYPE 'A'**  
7/16" OVERALL LAM. GLASS  
(L.M.I & S.M.I.)



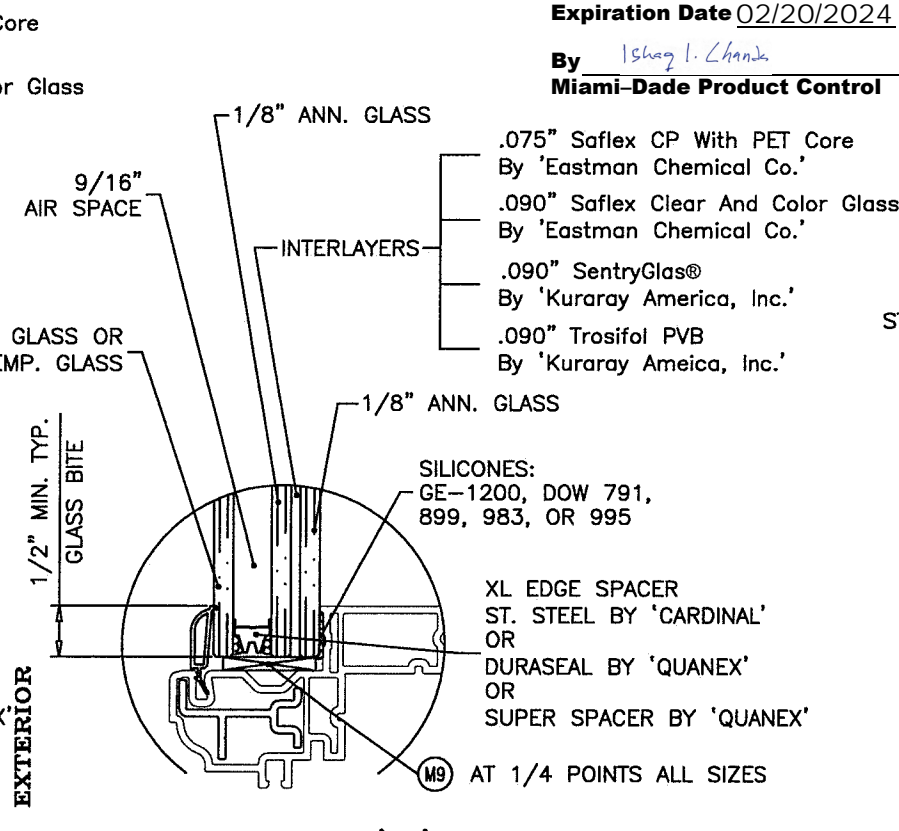
**GLASS TYPE 'B'**  
7/16" OVERALL LAM. GLASS  
(L.M.I & S.M.I.)



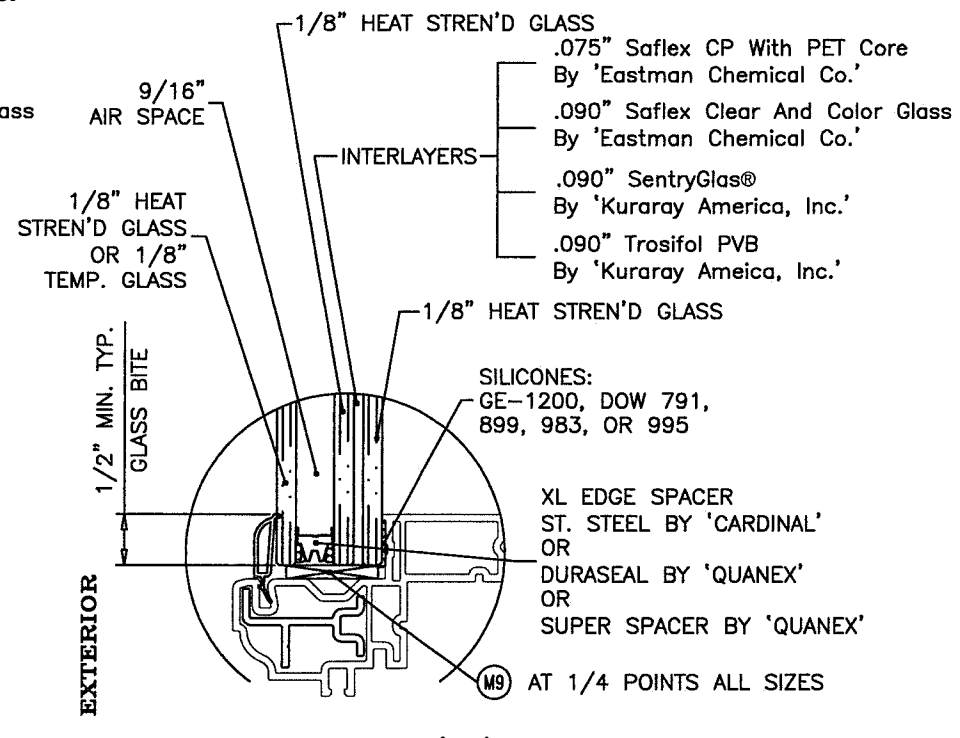
**GLASS TYPE 'A1'**  
1" OVERALL INSUL. LAM. GLASS  
(L.M.I & S.M.I.\*)



**GLASS TYPE 'B1'**  
1" OVERALL INSUL. LAM. GLASS  
(L.M.I & S.M.I.)



**GLASS TYPE 'C1'**  
1" OVERALL INSUL. LAM. GLASS  
(L.M.I & S.M.I.\*)



**GLASS TYPE 'D1'**  
1" OVERALL INSUL. LAM. GLASS  
(L.M.I & S.M.I.\*)

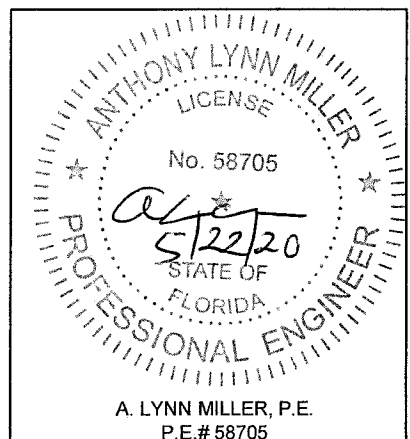
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0528.05

Expiration Date 02/20/2024

By Ishaq I. Chandra  
Miami-Dade Product Control

Revision:  
ADDED BACKBEDDING,  
COMBINED GLAZING  
DETAIL SHEETS - JR -  
5/15/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	7300 PVC CASEMENT WINDOW - LMI	J ROSOWSKI	Rev.	A
				Date	05/15/20
				By	J ROSOWSKI
				Drawn	J ROSOWSKI
Impact Resistant Windows & Doors WE'RE STRONGER™ CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	7300 PVC CASEMENT WINDOW - LMI	GLAZING DETAILS	CA7300	No.	7300NOA-1
				DWG	3 OF 9
				Sheet	NTS
				Scale	CA7300



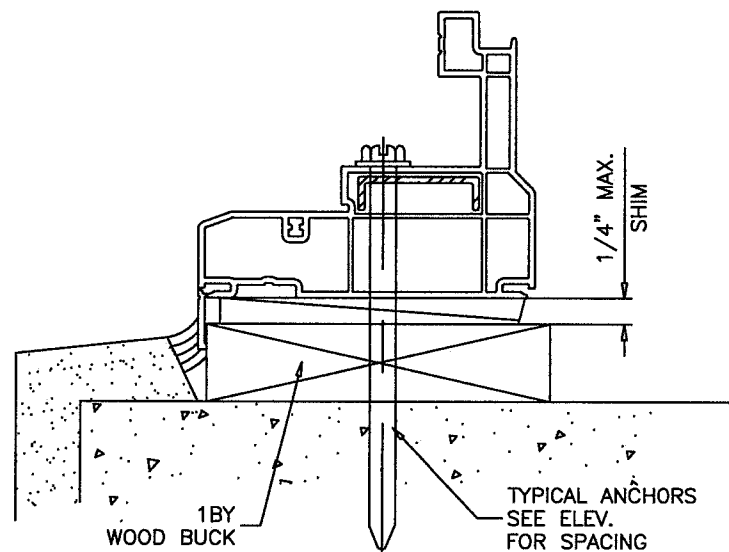
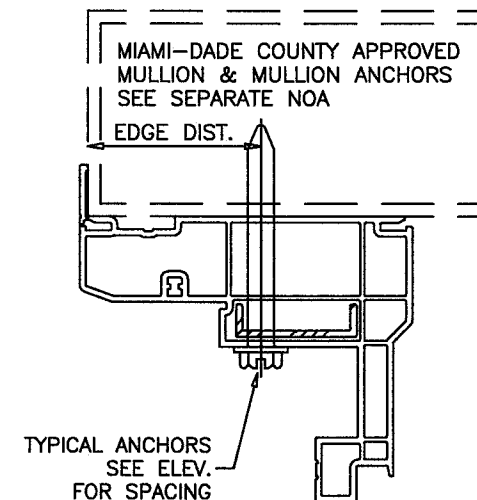
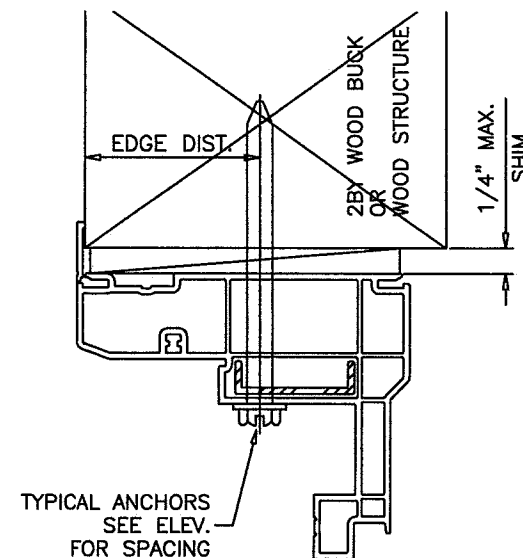
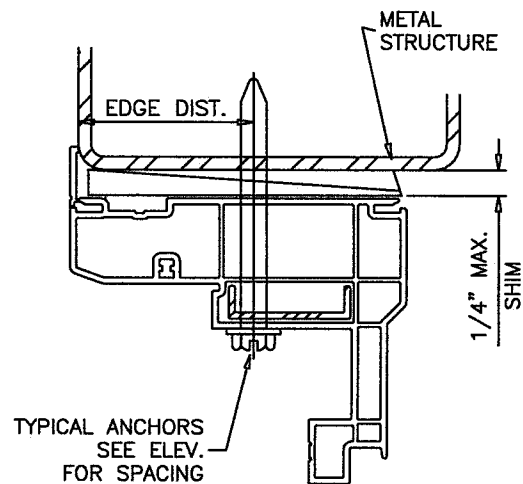
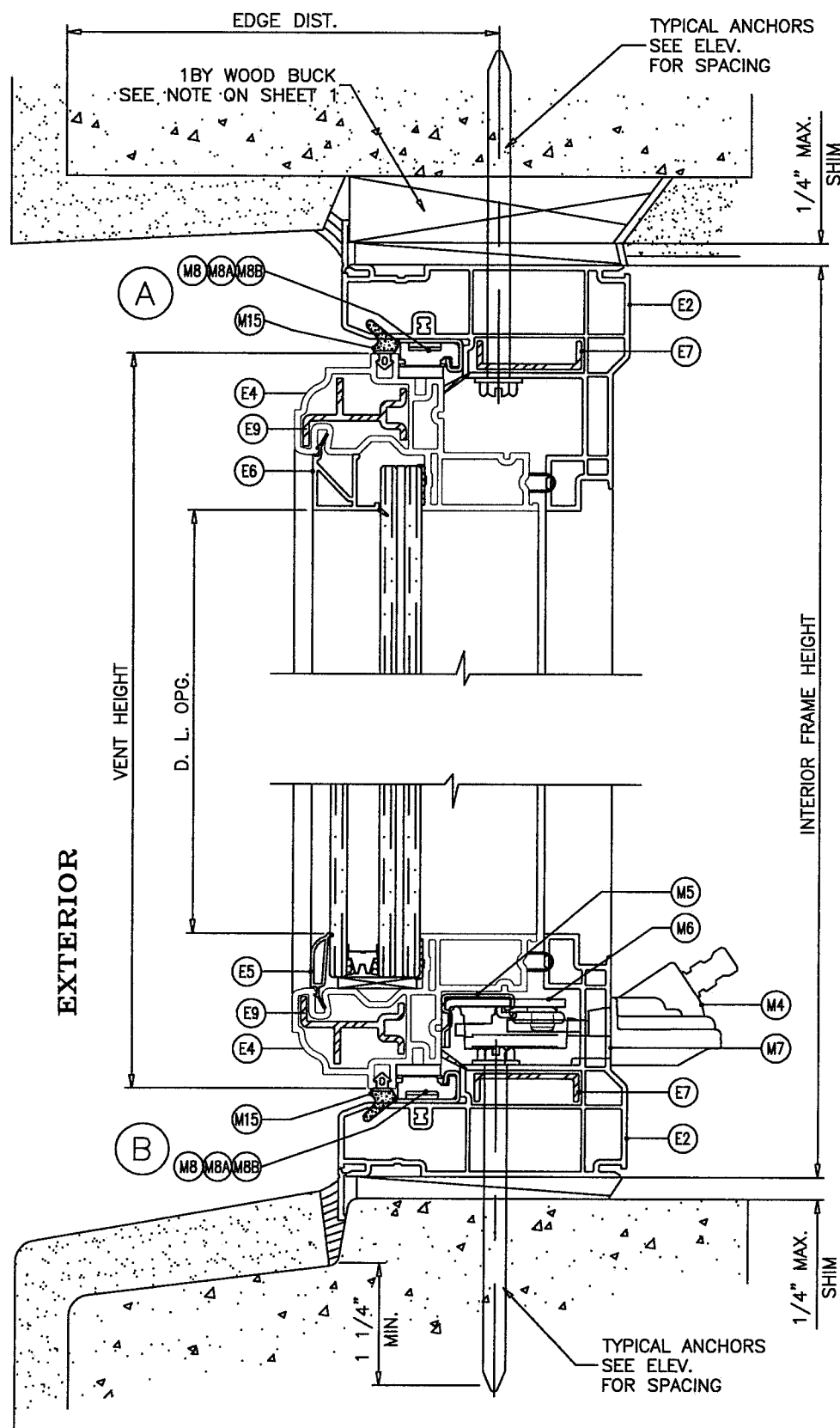
A. LYNN MILLER, P.E.  
P.E.# 58705

\* (S.M.I.)

IN ORDER TO QUALIFY FOR SMALL MISSILE IMPACT RATING EXTERIOR PLY OF GLASS TYPE 'A1', 'C1' AND 'D1' MUST BE TEMPERED.



# FLANGE FRAMES



## SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE SEALANT.

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

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0528.05

Expiration Date 02/20/2024

By Ishag I. Chande  
Miami-Dade Product Control

## TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

1/4" DIA. AGGRE-GATOR BY 'ELCO' (Fu=95 KSI, Fy=57 KSI)

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

THRU 1BY BUCKS INTO CONC. OR MASONRY

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

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

DIRECTLY INTO CONC. OR MASONRY

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

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

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")

INTO METAL STRUCTURES

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

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

## TYPICAL EDGE DISTANCE

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

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

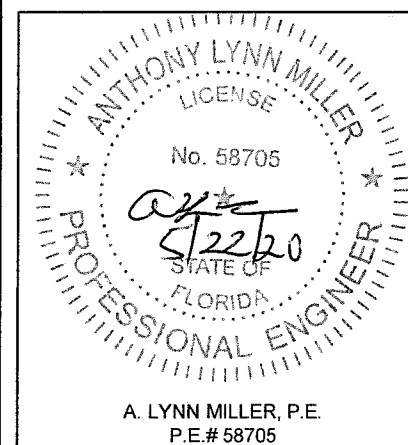
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

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

Revision:

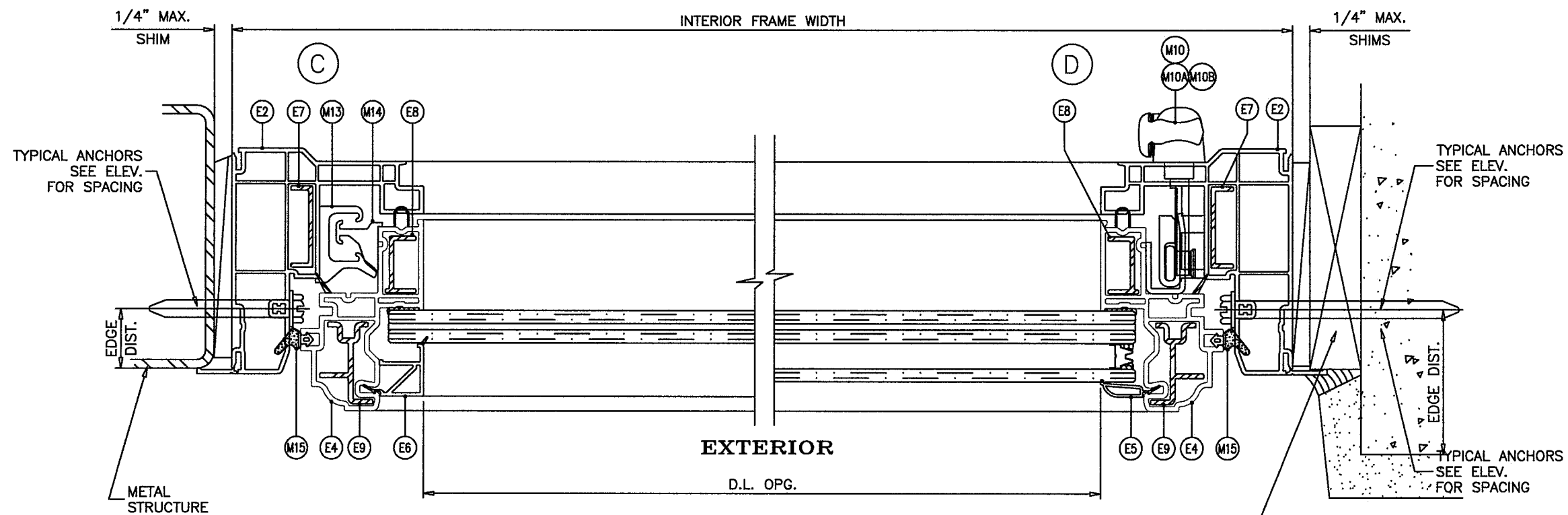
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	05/15/20	By	J ROSOWSKI	Rev.	A
		No.	7300NOA-1	DWG	4 OF 9	Sheet	NTS
		Scale	CA7300	Desc.	FLANGE FRAME DETAILS	Series	CA7300

Impact Resistant  
Windows & Doors  
WERE STRONGER™  
CGI DOORS AND WINDOWS, INC.  
3780 W 104TH STREET  
HIALEAH, FL 33018  
(305) 593-6590



A. LYNN MILLER, P.E.  
P.E.# 58705

FLANGE FRAMES

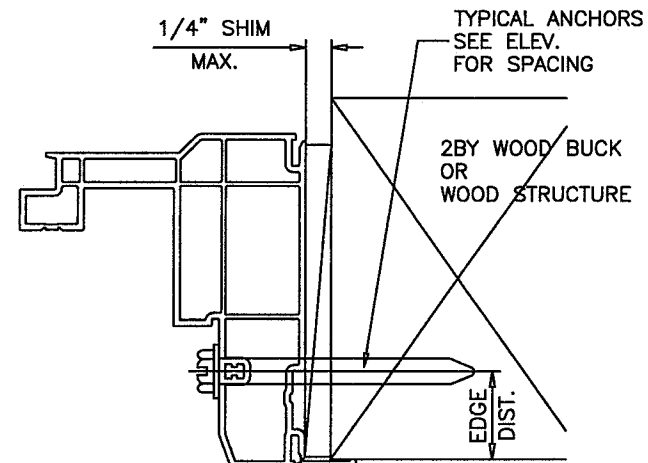
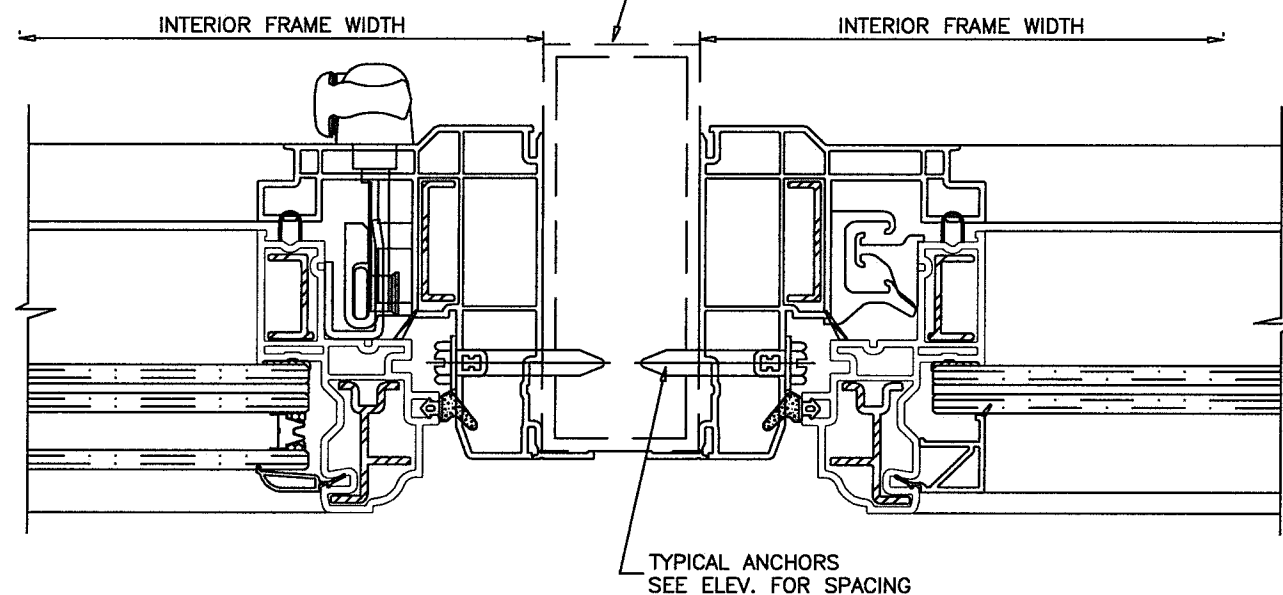


**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0528.05

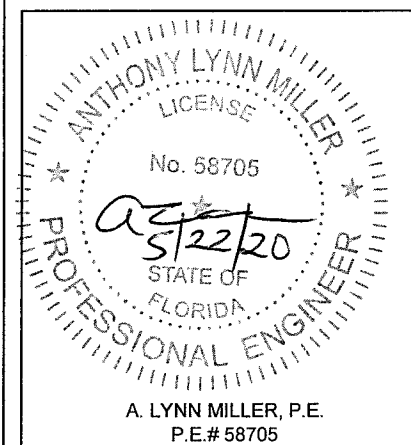
Expiration Date 02/20/2024

By Ishag I. Chank  
Miami-Dade Product Control

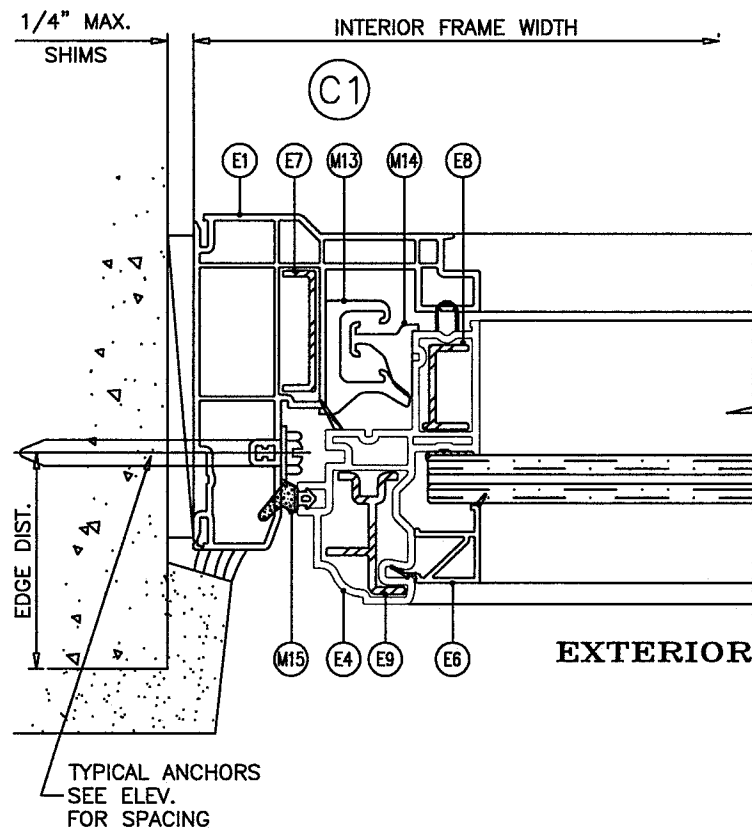
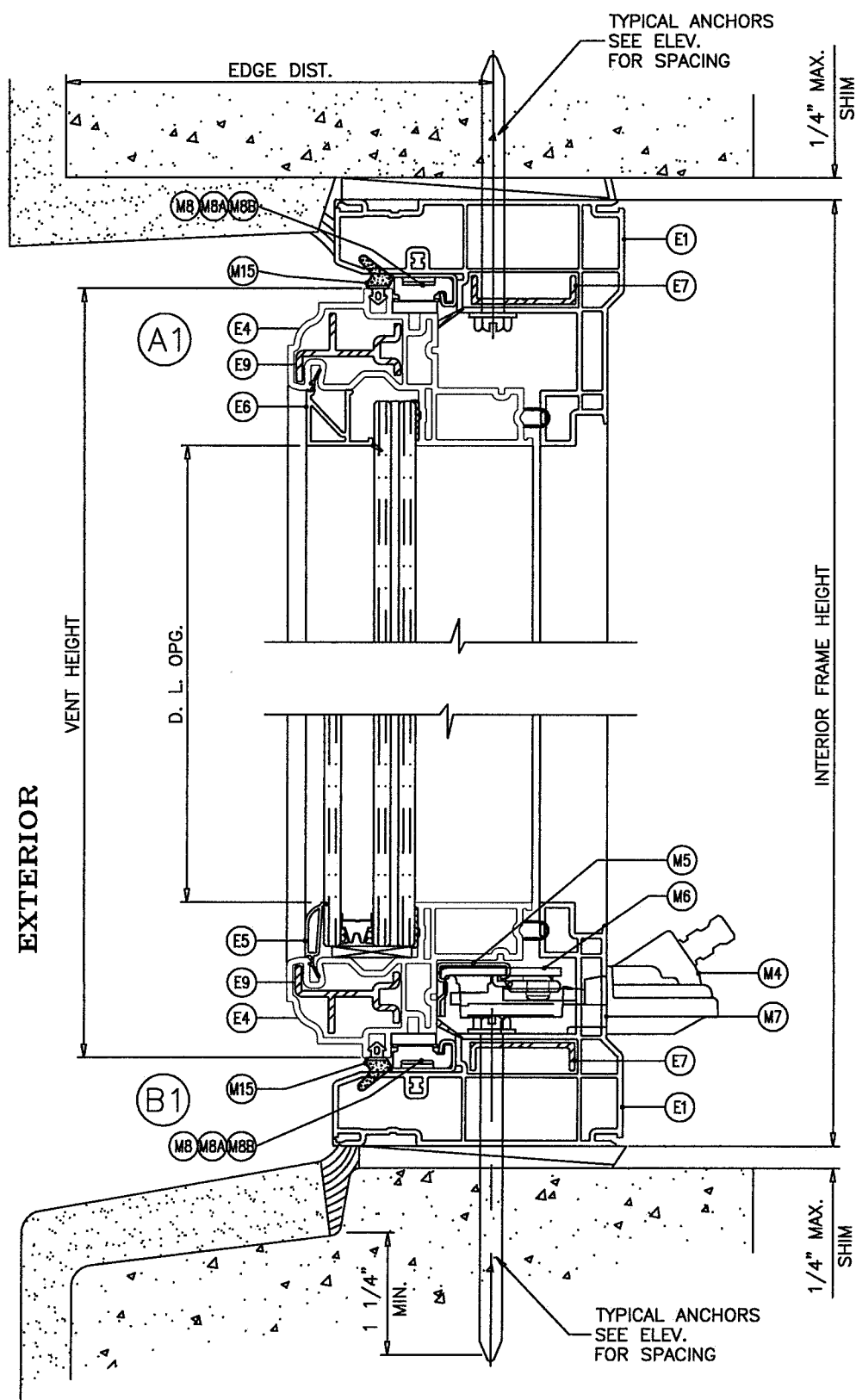
MIAMI-DADE COUNTY  
APPROVED CLIPPED MULLION  
& MULLION ANCHORS  
SEE SEPARATE NOA



PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		Date	05/15/20	Rev.	A
Impact Resistant Windows & Doors WE'RE STRONGER™ CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		7300 PVC CASEMENT WINDOW - LMI		Drawn By	J ROSOWSKI	7300NOA-1	
FLANGE FRAME DETAILS		5 OF 9		Sheet	NTS	CA7300	
Series		Desc.		Title			



# FLUSH FRAMES

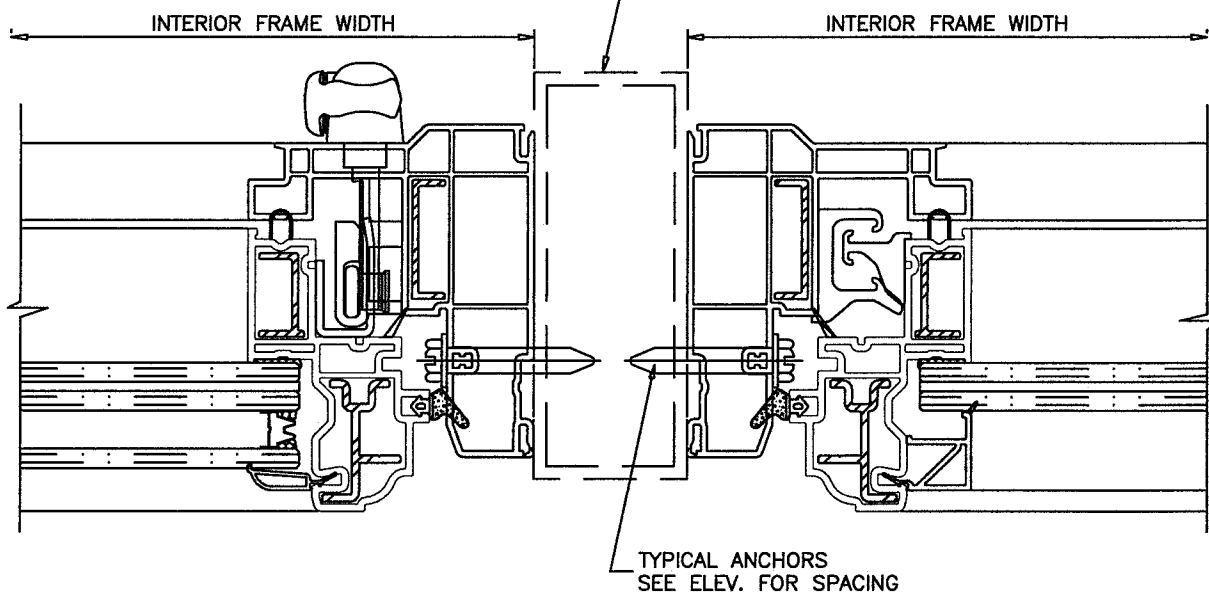


**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0528.05

Expiration Date 02/20/2024


By Ishaq I. Chande  
Miami-Dade Product Control

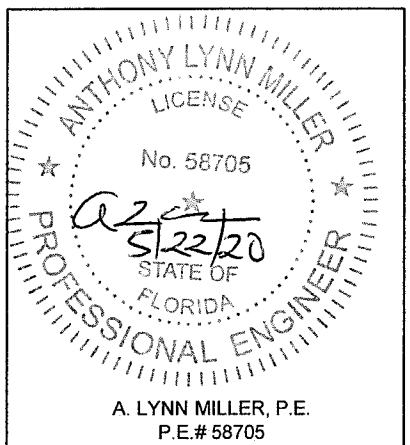
MIAMI-DADE COUNTY  
APPROVED CLIPPED MULLION  
& MULLION ANCHORS  
SEE SEPARATE NOA



FLANGE AND FLUSH FRAMES CAN BE  
USED AT ALL ANCHORAGE CONDITIONS.

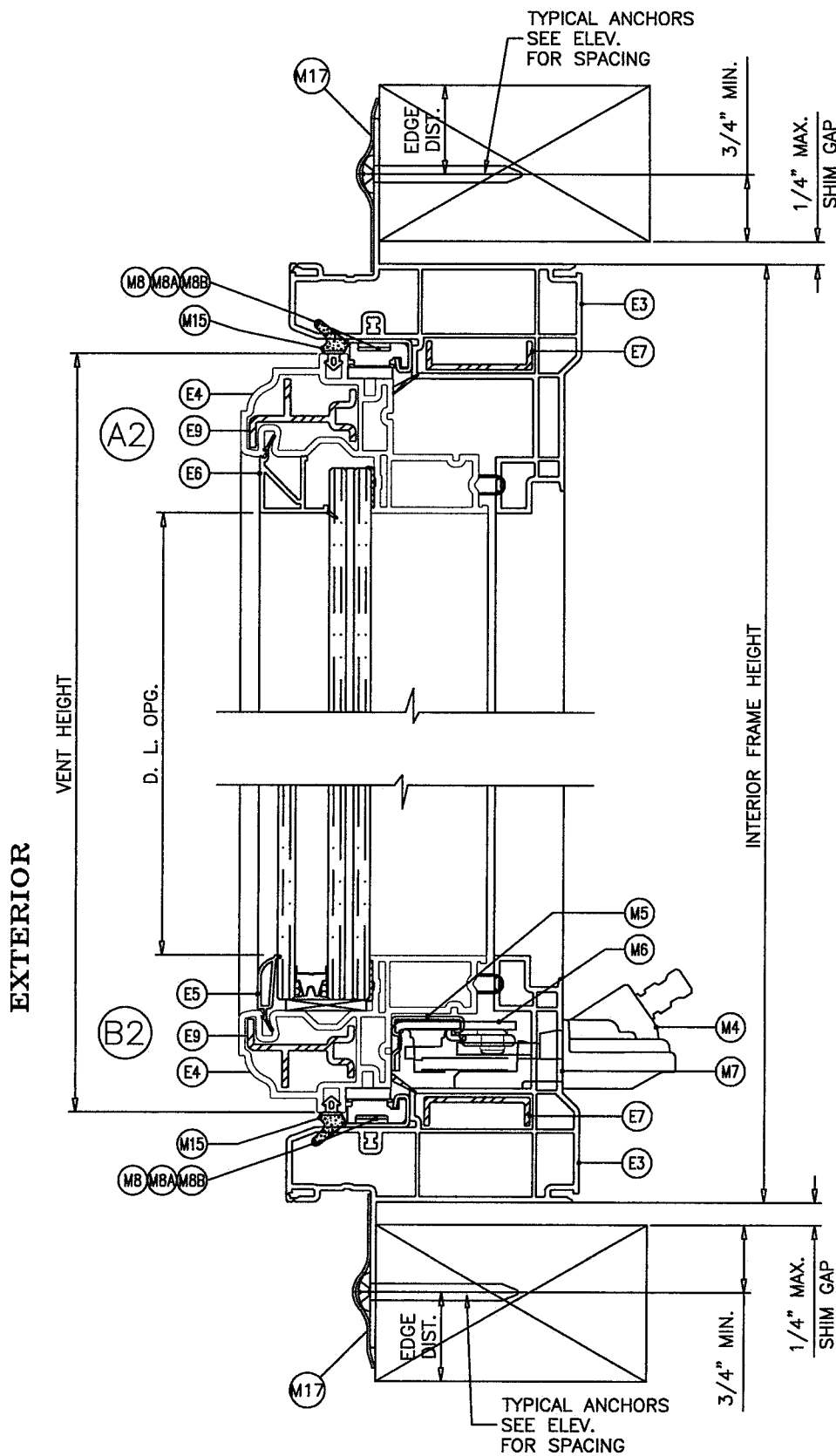
Revision:

<div><div><b>Impact Resistant Windows &amp; Doors</b> <b>WERE STRONGER™</b></div><div>CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590</div></div>										<div>PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600</div>										<div>REGISTRATION #29296</div>																																																																					
7300 PVC CASEMENT WINDOW - LMI										05/15/20																																																																															
FLUSH FRAME DETAILS										J ROSOWSKI																																																																															
CA7300										Scale										NTS										Sheet										6 OF 9										DWG No.										7300NOA-1										Rev.										A									

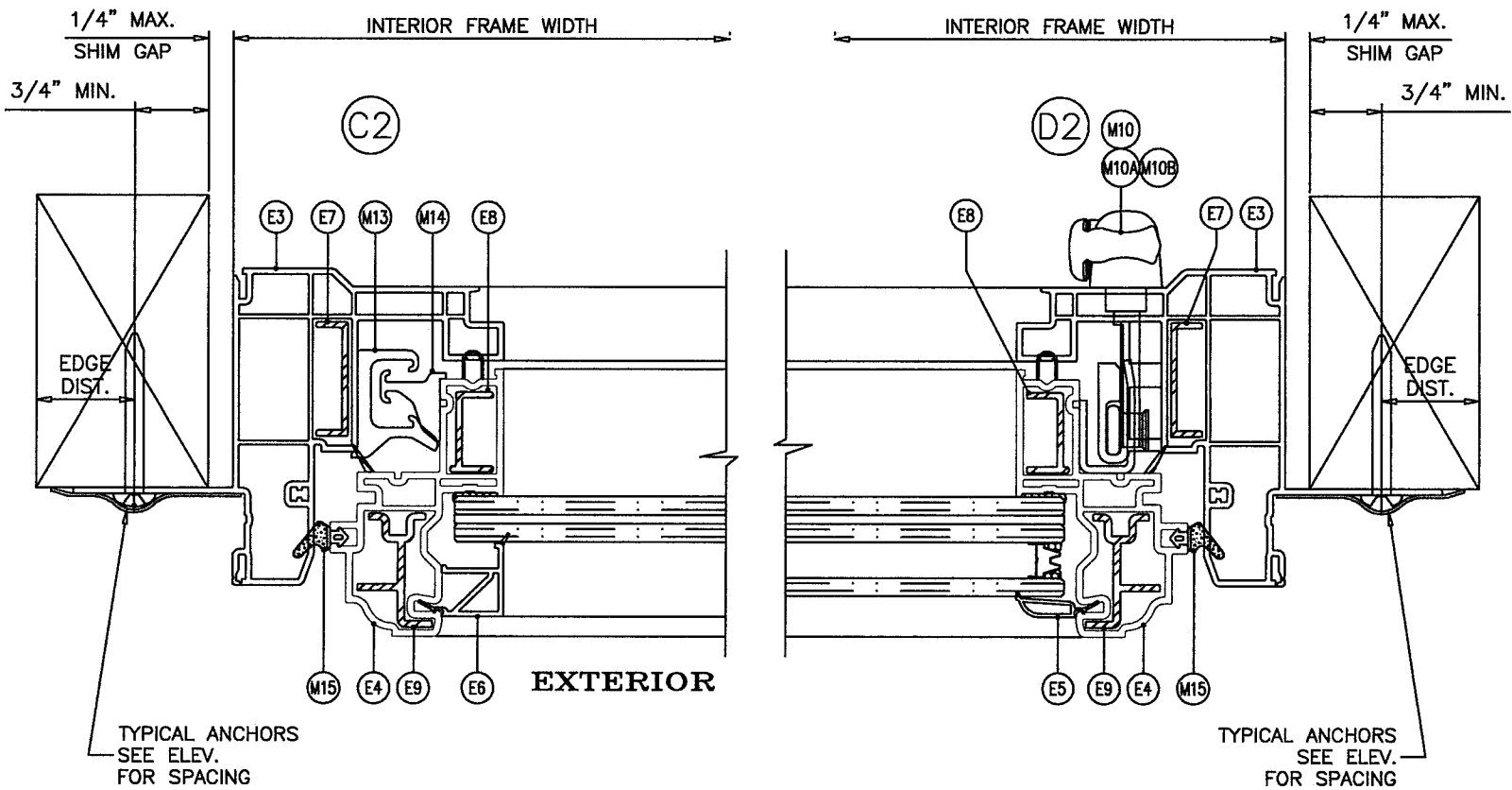




FIN FRAMES

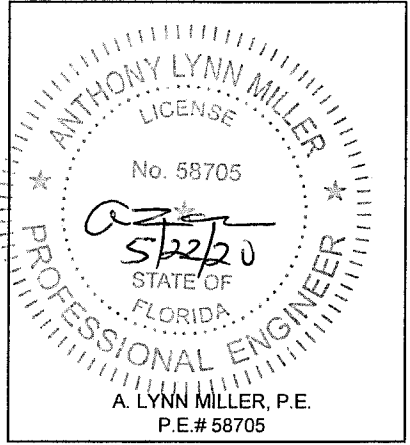


**TYPICAL ANCHORS:**  
**FIN FRAMES:** SEE ELEV. FOR SPACING  
#8 SMS/WOOD SCREWS (GRADE 2 CRS)  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-1/4" MIN. PENETRATION INTO WOOD  
3/4" MIN. EDGE DISTANCE



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0528.05  
Expiration Date 02/20/2024  
By *Iskay L. Chande*  
Miami-Dade Product Control

Prepared by A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296 05/15/20		J ROSOWSKI 7300NOA-1		A	
Impact Resistant Windows & Doors WE'RE STRONGER™ CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		7300 PVC CASEMENT WINDOW - LMI		FIN FRAME DETAILS		CA7300	
Sheet		7 OF 9		NTS		Scale	
Series		Desc.		Title		Rev.	



CODE	PART No.	DESCRIPTION	MATERIAL	MANUF.	REMARKS
E1	CGI-1011	EQUAL LEG FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E2	CGI-1017	FLANGE FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E3	CGI-1022	FIN FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E4	CGI-1012	SASH	PVC	DECEUNINCK NORTH AMERICA LLC.	
E5	CGI-1008	IG GLAZING BEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E6	CGI-1025	7/16" MONOLITHIC GLAZING BEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E7	CGI-804	FRAME REINFORCEMENT	6005A-T5	CGI EXTRUDER	
E8	CGI-805	SASH REINFORCEMENT (SMALL)	6005A-T5	CGI EXTRUDER	
E9	CGI-806	SASH REINFORCEMENT (LARGE)	6005A-T5	CGI EXTRUDER	
M1	SCS 1200	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	GENERAL ELECTRIC	
M2	DOW 983 OR 995	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
M3	DOW 791 OR 899	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
M4	50.10.00.011	OPERATOR		TRUTH/RADISSON/ASHLAND	OPTIONAL
M5	11576.92	OPERATOR TRACK AND SLIDER ASSEMBLY		TRUTH/RADISSON/ASHLAND	OPTIONAL
M6	12511.92	STUD BRACKET		TRUTH/RADISSON/ASHLAND	OPTIONAL
M7	32658	GASKET		TRUTH/RADISSON/ASHLAND	OPTIONAL
M8	14.97.00.005(006)	HINGE AT HEAD & SILL		TRUTH	
M8A	BPRPS-2501-13DSS(13GSS)	ALT. HINGE AT HEAD & SILL		RADISSON INDUSTRIES	
M8B	-	ALT. HINGE AT HEAD & SILL		ASHLAND HARDWARE	
M9	-	SETTING BLOCK, 2 PER LITE	EPDM	-	DUROMETER 85±5
M10	-	MULTI POINT LOCK SYSTEM		TRUTH	
M10A	-	ALT. MULTI POINT LOCK SYSTEM		RADISSON INDUSTRIES	
M10B	-	ALT. MULTI POINT LOCK SYSTEM		ASHLAND HARDWARE	
M13	72-10039	FRAME SNUBBER AT 15" O.C.	6005A-T5	CGI EXTRUDER	
M14	72-10040	SASH SNUBBER AT 15" O.C.	6005A-T5	CGI EXTRUDER	
M15	QWS-580	SASH SEAL	VINYL	SCHLEGEL	
M17		PROTECTO WRAP WATERPROOFING OR EQUIV.			AT FIN FRAME
S2		# 8 X 1" FLAT HEAD SMS - OPERATOR TRACK			4 PER TRACK
S3		# 8 X 1" FLAT HEAD SMS - OPERATOR			6 PER OPERATOR
S4		# 7 X 1/2" FLAT HEAD SMS - HINGE TRACK			4 PER HINGE
S5		# 8 X 1/2" PAN HEAD SMS - KEEPER			2 PER KEEPER
S6		# 10-24 X 9/16" PAN HEAD SMS - LOCK HANDLE			2 PER HANDLE
S7		# 8 X 1-1/2" PAN HEAD SMS - TIE BAR GUIDES			2 PER GUIDE
S8		# 6 X 1/2" FLAT HEAD SMS - SNUBBERS			2 PER SNUBBER
S9		# 8 X 1" FLAT HEAD SMS - STUD BRACKET			2 PER BRACKET
S10		# 7 X 5/8" FLAT HEAD SMS - HINGE ARM			4 PER HINGE

WHITE PVC EXTRUSIONS BY 'DECEUNINCK NORTH AMERICA LLC'  
MAX. Fy = 5.2 KSI  
MAX. Fu = 6.5 KSI  
TO BE LABELED WITH AAMA EXTRUDER CODE, EXTRUDER NAME, CITY, STATE AND 'MDCA'.

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0528.05  
Expiration Date 02/20/2024  
By Ishaq I. Chanik  
Miami-Dade Product Control

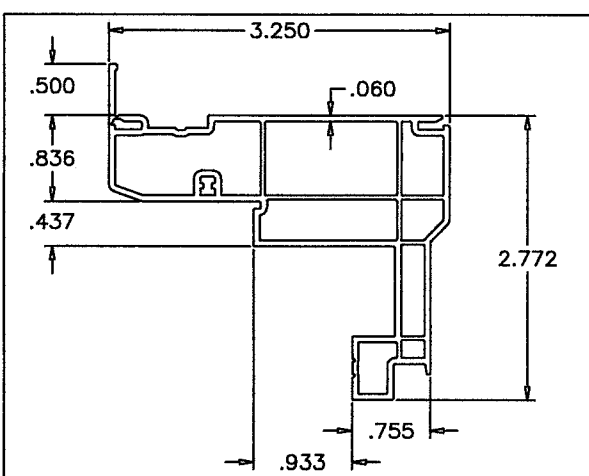
Material	Min. Fy	Min. Fu
#14 SMS or Self-drilling Steel Screw, Gr 2	36 ksi	60 ksi
1/4" ITW Tapcon	100 ksi	125 ksi
1/4" Elco Aggre-Gator	57 ksi	95 ksi
1/4" Elco UltraCon	155 ksi	177 ksi
1/4" DeWalt UltraCon+	148 ksi	164 ksi
6063-T5 Aluminum	16 ksi	22 ksi
A36 Steel	36 ksi	58 ksi
Gr. 33 Steel Stud	33 ksi	45 ksi

Revision:

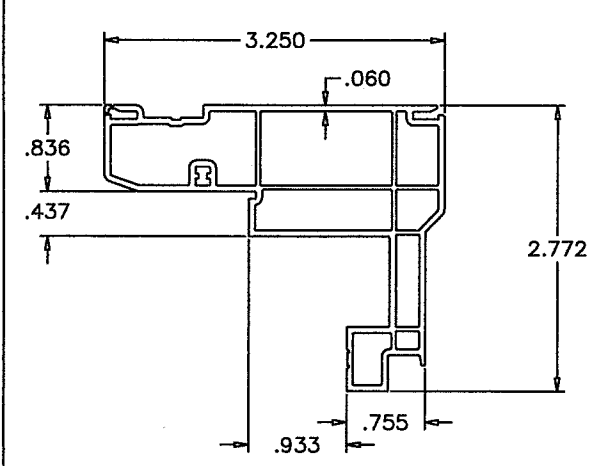
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	05/15/20	J ROSOWSKI	Rev.	A
		By			7300NOA-1	
		Drawn				
		No.				
Impact Resistant Windows & Doors WE'RE STRONGER™ CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	7300 PVC CASEMENT WINDOW - LMI	BILL OF MATERIALS	CA7300	8 OF 9	DWG	
				Sheet	NTS	
				Scale		
				Title		

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
A2  
5/22/20  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

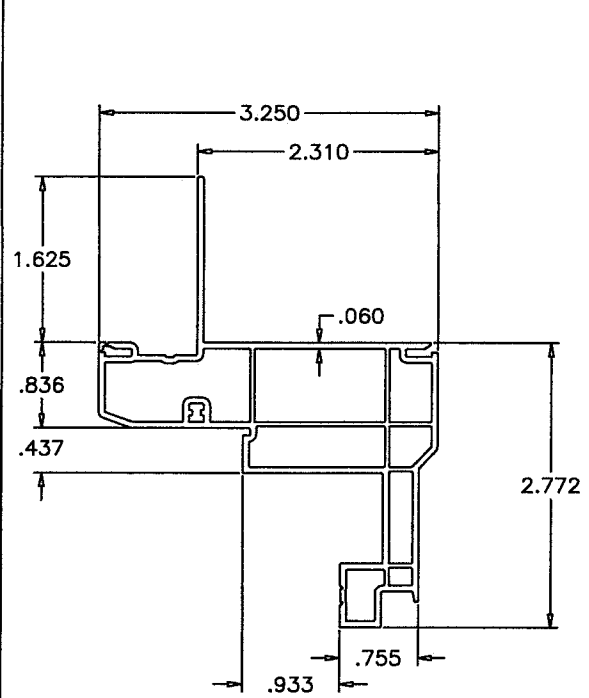
A. LYNN MILLER, P.E.  
P.E.# 58705



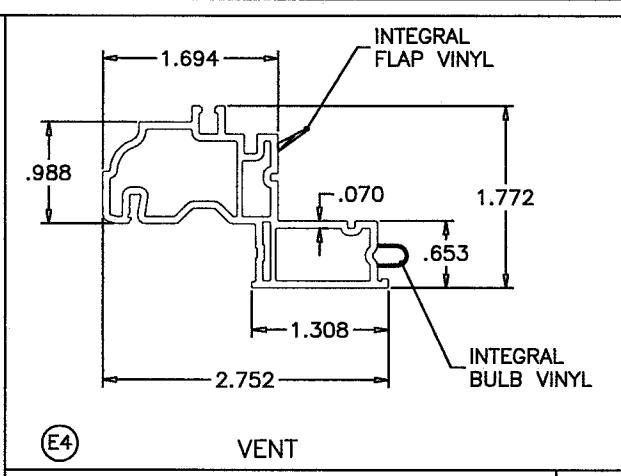
(E2) FLANGE FRAME



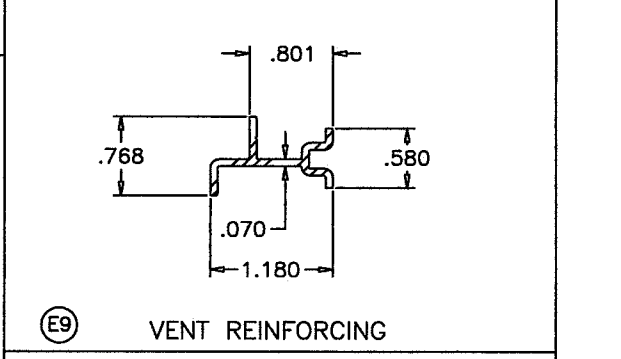
(E1) FLUSH FRAME



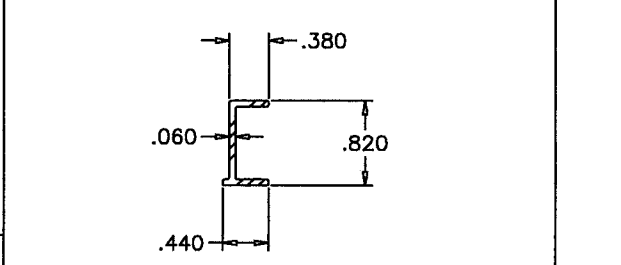
(E3) FIN FRAME



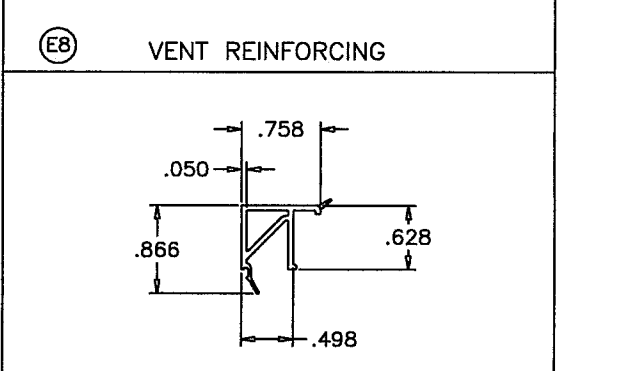
(E4) VENT



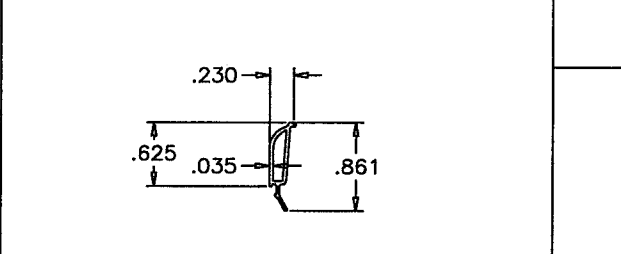
(E9) VENT REINFORCING



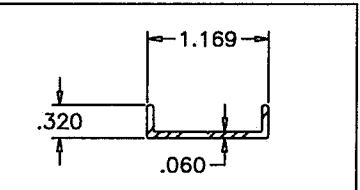
(E8) VENT REINFORCING



(E6) GLAZING BEAD (LAM. GLASS)

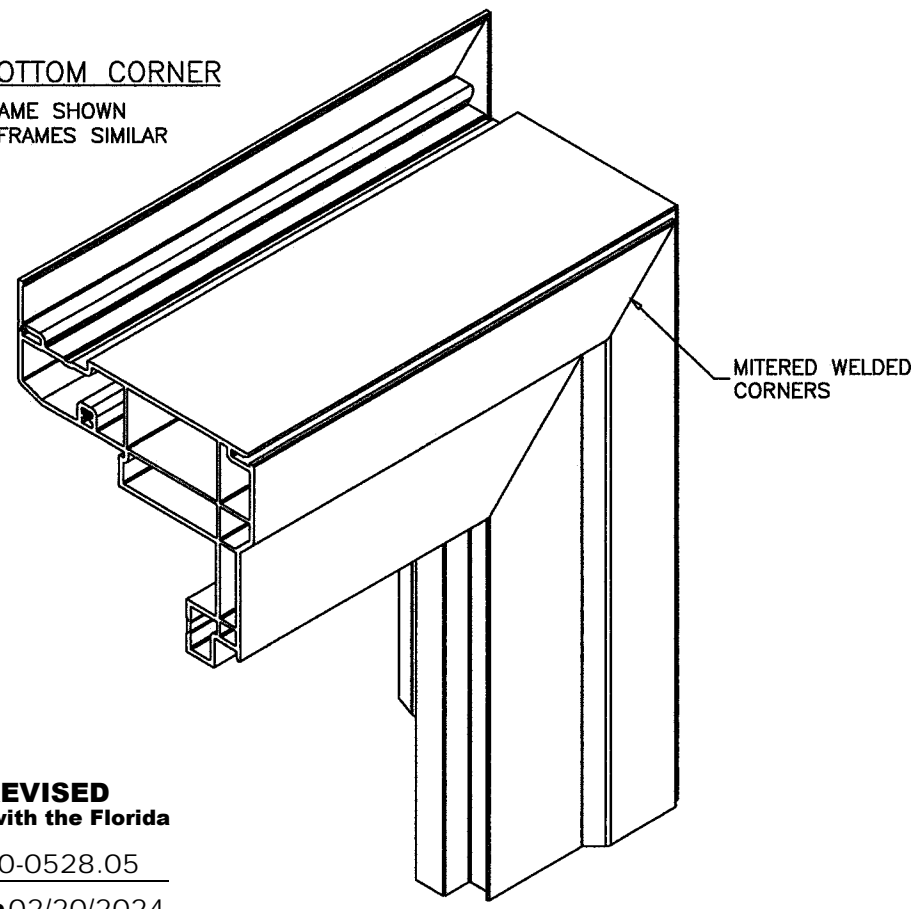


(E5) GLAZING BEAD (INSUL. LAM. GLASS)



(E7) FRAME REINFORCING

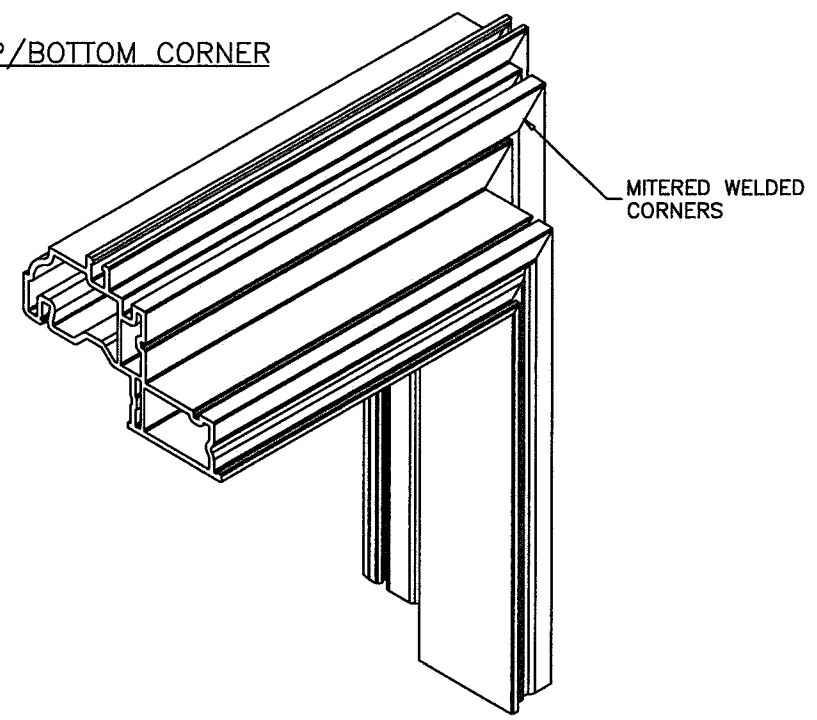
FRAME TOP/BOTTOM CORNER  
FLANGE FRAME SHOWN  
FLUSH & FIN FRAMES SIMILAR



MITERED WELDED CORNERS


**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0528.05  
Expiration Date 02/20/2024  
By *Ishag I. Chande*  
Miami-Dade Product Control

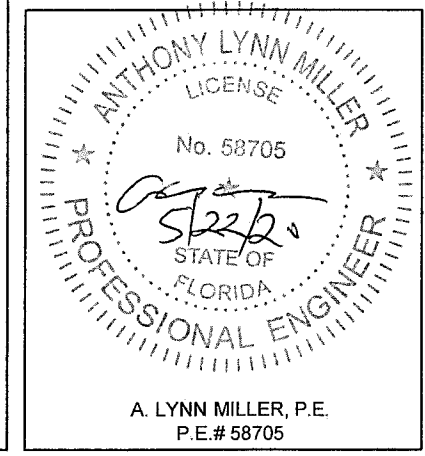
VENT TOP/BOTTOM CORNER



MITERED WELDED CORNERS

Revision:

				PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			
Impact Resistant Windows & Doors WE'RE STRONGER™				CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590			
7300 PVC CASEMENT WINDOW - LMI				REGISTRATION #29296		05/15/20	
EXTRUSIONS AND CORNER DETAILS				Date		By	
J ROSOWSKI				Drawn		Rev.	
CA7300				Scale		7300NOA-1	
NTS				Sheet		A	
9 OF 9				DWG		No.	
Series Desc.				Title			



A. LYNN MILLER, P.E.  
P.E.# 58705