



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. 104<sup>th</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 "7200" White PVC Horizontal Rolling Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. 7200 NOA-1 Rev A (former W13-42 Rev E), titled "Series '7200' PVC Horiz. Roller Wdw. (L.M.I.)", sheets 1 through 11 of 11, dated 06/03/20, prepared by manufacturer, signed and sealed by Lynn Miller, 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 revision NOA No. 19-0102.08 and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5 and E-6, as well as approval document mentioned above.

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

*Ishaq I. Chanda*



NOA No. 20-0610.07  
Expiration Date: February 20, 2024  
Approval Date: October 22, 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. 13-1115.07 and 14-1204.09)*
2. Drawing No. **W13-42**, titled "Series 'Targa 7200' PVC Horiz. Roller Wdw. (L.M.I./ S.M.I.)", sheets 1 through 11 of 11, dated 07/30/13, with revision **D** dated 01/26/16, 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 horizontal sliding windows, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA-3033W**, dated 09/05/14, signed and sealed by Ramesh C. Patel, P.E. *(Submitted under previous NOA No. 14-1204.09)*
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
along with marked-up drawings and installation diagram of extruded vinyl equal leg,/ fin/flange frame horizontal sliding windows, prepared by Element Materials Technology, Test Report No. **EMT-ESP014637P**, dated 10/04/13, signed and sealed by Ramesh C. Patel, P.E. *(Submitted under NOA No. 13-1115.07)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 5<sup>th</sup> Edition (2014)**, dated 02/02/16, 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).

*Ishaq I. Chanda*

**Ishaq I. Chanda, P.E.**

**Product Control Unit Supervisor**

**NOA No. 20-0610.07**

**Expiration Date: February 20, 2024**

**Approval Date: October 22, 2020**

**CGI Windows and Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**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. **14-0916.10** issued to **Kuraray America, Inc.** for their “**Butacite® PVB Glass Interlayer**” dated 04/25/15, expiring on 12/11/16.
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 10/11/14, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. *(Submitted under previous NOA No. 14-1204.09)*
2. Laboratory compliance letter for Test Report No. **CTLA-3033W**, issued by Certified Testing Laboratories, Inc., dated 09/05/14, signed and sealed by Ramesh C. Patel, P.E. *(Submitted under previous NOA No. 14-1204.09)*
3. Approved Proposal issued by Product Control Section, dated 06/10/14, signed by Jaime Gascon, P.E., Supervisor, Product Control Section. *(Submitted under previous NOA No. 14-1204.09)*
4. Laboratory compliance letter for Test Report No. **EMT-ESP014637P**, issued by Element Materials Technology, dated 10/04/13, signed and sealed by Ramesh C. Patel, P.E. *(Submitted under NOA No. 13-1115.07)*

**G. OTHERS**

1. Notice of Acceptance No. **14-1204.09**, issued to CGI Windows & Doors for their Series “**Targa 7200**” White PVC Horizontal Rolling Window - L.M.I., approved on 03/26/15 and expiring on 02/20/19.

**2. EVIDENCE SUBMITTED UNDER PREVIOUS NOA(s)**

**A. DRAWINGS**

1. Drawing No. **W13-42**, titled “Series ‘Targa 7200’ PVC Horiz. Roller Wdw. (L.M.I./ S.M.I.)”, sheets 1 through 11 of 11, dated 07/30/13, with revision **E** dated 09/29/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0610.07**  
**Expiration Date: February 20, 2024**  
**Approval Date: October 22, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. EVIDENCE SUBMITTED UNDER PREVIOUS NOA(s)**

**A. DRAWINGS**

1. Drawing No. **W13-42**, titled “Series ‘Targa 7200’ PVC Horiz. Roller Wdw. (L.M.I./ S.M.I.)”, sheets 1 through 11 of 11, dated 07/30/13, with revision **E** dated 09/29/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. None

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 6<sup>th</sup> Edition (2017)**, dated 09/14/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**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.
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.

**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. **15-0512.01**, issued to CGI Windows and Doors, Inc. for their Series “Targa 7200” White PVC Horizontal Rolling Window - L.M.I., approved on 02/11/16 and expiring on 02/20/19.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0610.07**  
**Expiration Date: February 20, 2024**  
**Approval Date: October 22, 2020**

**CGI Windows and Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. EVIDENCE SUBMITTED UNDER PREVIOUS NOA(s)**

**A. DRAWINGS**

1. Drawing No. **W13-42**, titled “Series ‘Targa 7200’ PVC Horiz. Roller Wdw. (L.M.I./ S.M.I.)”, sheets 1 through 11 of 11, dated 07/30/13, with revision **E** dated 09/29/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (Submitted under file #17-1018.09)

**B. TESTS**

1. None

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 12/28/17, expiring on 07/04/23.
2. Notice of Acceptance No. **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.
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.

**F. STATEMENTS (Submitted under file #17-1018.09)**

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. **15-0512.01**, issued to CGI Windows and Doors, Inc. for their Series “Targa 7200” White PVC Horizontal Rolling Window - L.M.I., approved on 02/11/16 and expiring on 02/20/19.

**5. New Evidence submitted**

**A. DRAWINGS**

1. Drawing No. **7200 NOA-1 Rev A** (former **W13-42 Rev E**), titled “Series ‘7200’ PVC Horiz. Roller Wdw. (L.M.I.)”, sheets 1 through 11 of 11, dated 06/03/20, prepared by manufacturer, 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. 20-0610.07**  
**Expiration Date: February 20, 2024**  
**Approval Date: October 22, 2020**

**CGI Windows and Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

5. New Evidence submitted (continue)

**B. TESTS**

1. Test report on
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, 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 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.:

**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**

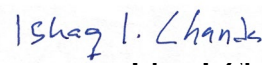
1. Anchor verification calculations and structural analysis, complying with FBC-2020 (7<sup>th</sup> edition), prepared by PGT, dated 04/02/20, signed and sealed by Anthony L. Miller, P.E.
2. Glazing complies with ASTM E-1300-09.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **18-1108.10** issued to Vision Extrusion Ltd for their “**White Rigid PVC**”, expiring on 09/30/24.
2. Notice of Acceptance No. **16-0920.08** issued to Vision Extrusion Ltd for their “**VE 1000 Tan 202 & light shaded (Non-White) Rigid PVC**”, expiring on 12/29/21.
3. Notice of Acceptance No. **18-1108.11** issued to Vision Extrusion Ltd for their “**Brown Coated (Painted or Laminated) White Rigid PVC**”, expiring on 10/29/21.

  
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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0610.07**  
**Expiration Date: February 20, 2024**  
**Approval Date: October 22, 2020**



**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E MATERIAL CERTIFICATIONS**

4. Test reports No(s). 10-002-792(A), 10-006-10231, 535753-09, per ASTM E-84, ASTM D1929 and ASTM D-635, issued by EXOVA to Vision Extrusion for cellulosic composite material.
5. Notice of Acceptance No. **17-0808.02** issued to Kuraray America., Inc. for the “**Sentry Glass ® (Clear and White) Interlayer**”, expiring on 07/04/23.
6. Notice of Acceptance No. **17-1114.13** issued to Kuraray America, Inc. for the “**Trosifol ultra clear, clear & color PVB glass interlayer** (former Kuraray **Butacite PVB Interlayer**)”, expiring on 07/08/24.

**F. STATEMENTS**

1. Statement letter of compliance to FBC 2020 (7<sup>th</sup> Edition) dated 04/02/20, prepared by PGT, signed and sealed by Anthony L. Miller, P.E.
2. Statement letters of compliance “No financial interest”, dated 04/02/20, prepared by PGT, signed & sealed by Lynn Miller, P.E.
3. Letter of lab compliance, part of the above test reports.

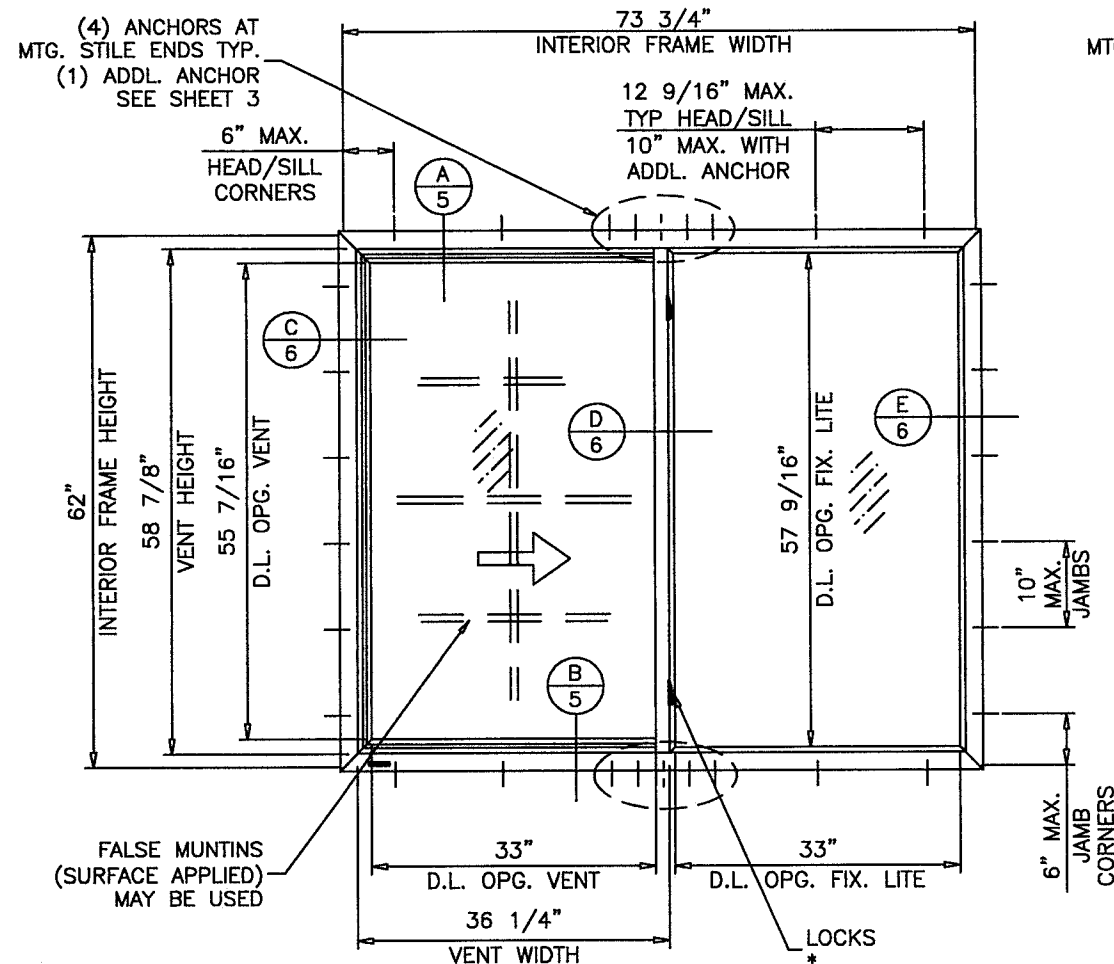
**G. OTHER**

1. This NOA **revises # 17-0420.16** and updates to FBC 2020, expiring 08/04/21.
2. RER Test proposals **#19-1155** dated 01/10/20 approved by Ishaq I. Chanda, P.E.

*Ishaq I. Chanda*

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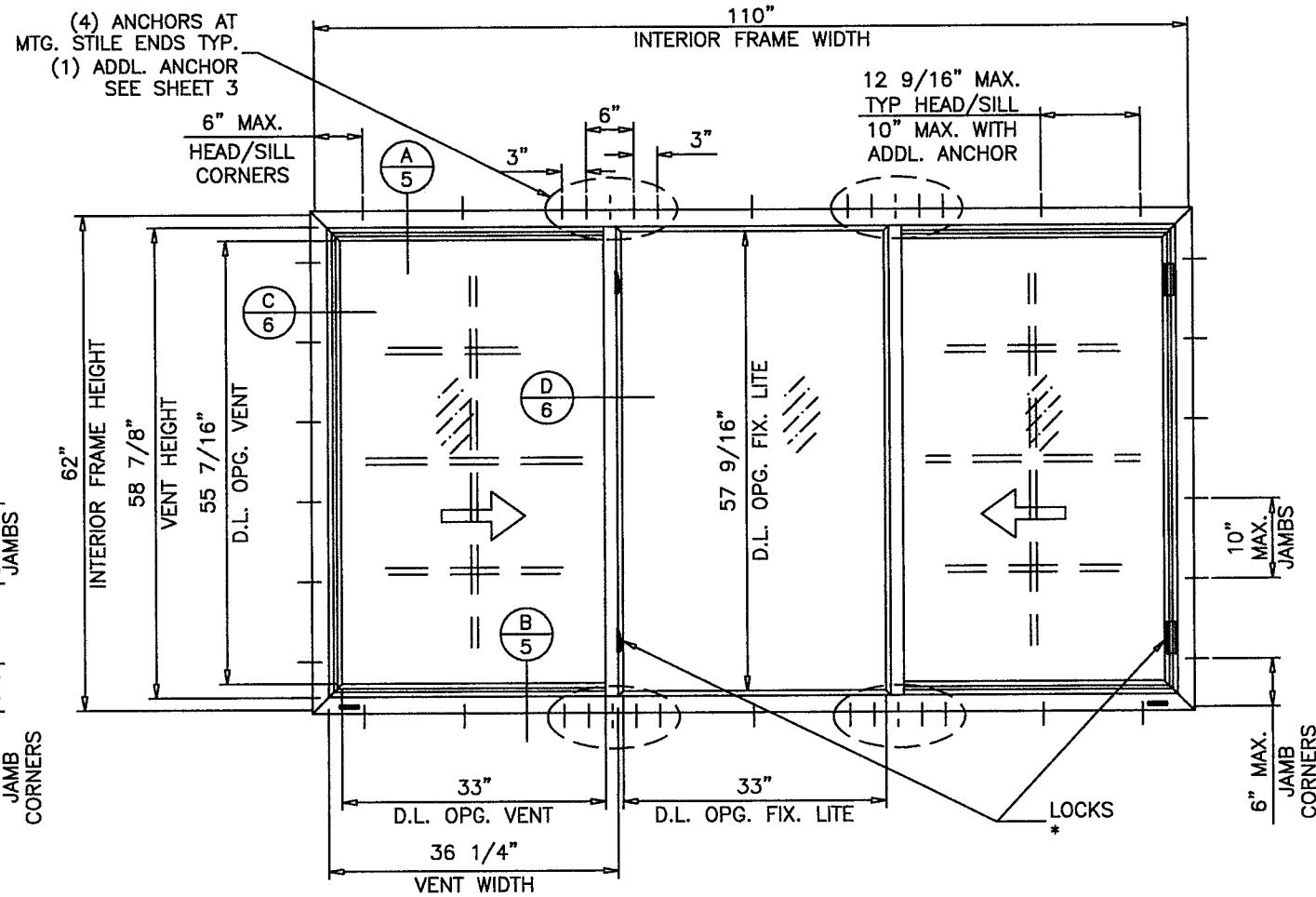
**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0610.07**  
**Expiration Date: February 20, 2024**  
**Approval Date: October 22, 2020**



$$\text{DLO WIDTH} = \frac{\text{INTERIOR FRAME WIDTH} - 7.750}{2}$$

$$\begin{aligned} \text{DLO HEIGHT} &= \text{INTERIOR FRAME HEIGHT} - 6.562 \text{ (VENT)} \\ &= \text{INTERIOR FRAME HEIGHT} - 4.438 \text{ (FIXED LITE)} \end{aligned}$$

TYPICAL ELEVATIONS  
FLANGE FRAMES



$$\text{DLO WIDTH} = \frac{\text{INTERIOR FRAME WIDTH} - 11}{3}$$

$$\begin{aligned} \text{DLO HEIGHT} &= \text{INTERIOR FRAME HEIGHT} - 6.562 \text{ (VENT)} \\ &= \text{INTERIOR FRAME HEIGHT} - 4.438 \text{ (FIXED LITE)} \end{aligned}$$

- \* LOCKS  
(1) PER VENT FOR WDW. HT. UPTO 25" AT MID HEIGHT  
(2) PER VENT FOR WDW. HT. ABOVE 25"  
AT 7" FROM TOP & BOTTOM

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

LAMINATED GLASS  
INSULATING LAMINATED GLASS  
LARGE & SMALL MISSILE IMPACT

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **20-0610.07**  
Expiration Date: **02/20/2024**  
By: Ismael L. Chanda  
Miami-Dade Product Control

SHEET NO.	INDEX OF DRAWING DESCRIPTION
1	GEN. NOTES, FRAME ELEV.
2	FRAME ELEV.
3	WINDOWS CAPACITY CHARTS
4	GLAZING DETAILS
5 & 6	FLANGE FRAME DETAILS
7	FLUSH FRAME DETAILS
8	FIN FRAME DETAILS
9	BILL OF MATERIALS
10	EXTRUSIONS
11	CORNER DETAILS

## SERIES 'TARGA 7200' WHITE PVC HORIZONTAL ROLLER WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZONTAL ROLLING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED CLIPPED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION 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.

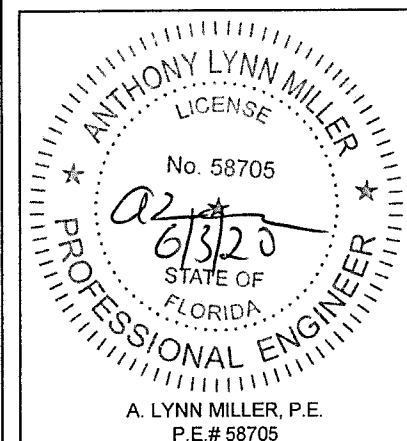
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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 BUILDING CODE & ADOPTED STANDARDS.

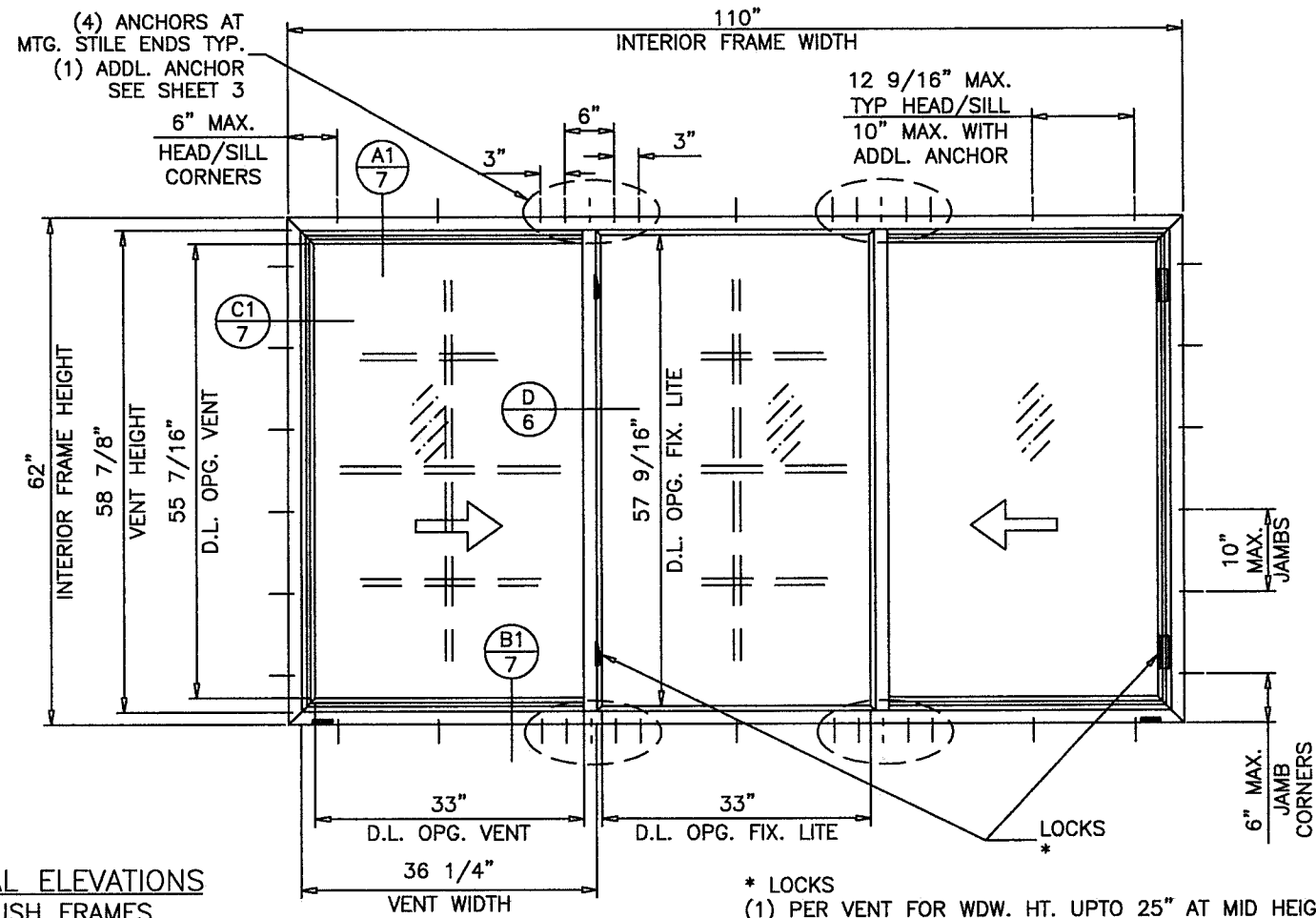
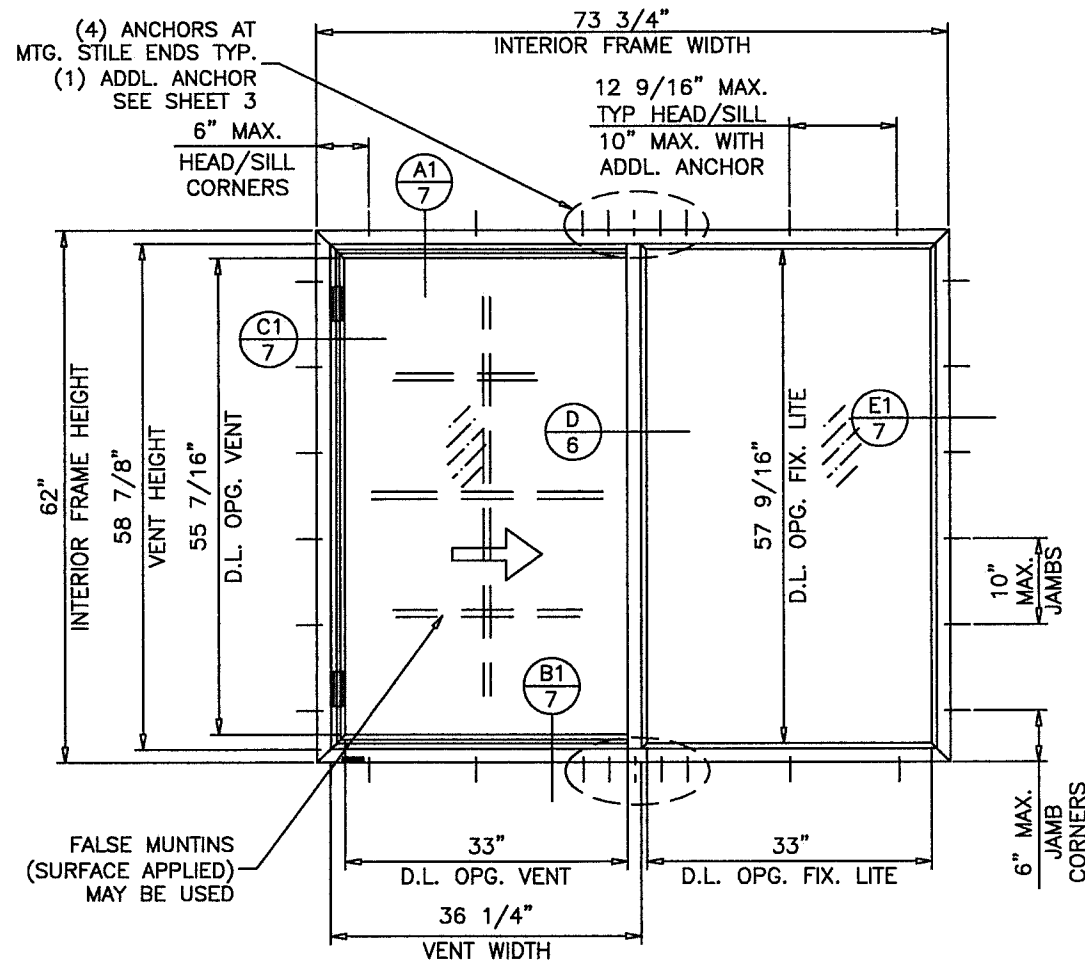
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

REVISION:  
REVISED FOR 2020 FBC,  
ADDED ANCHOR TYPE &  
REFORMATTED - JR -  
5/20/20

 <b>Impact Resistant Windows &amp; Doors</b> <b>WE'RE STRONGER™</b>	CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		REGISTRATION #29296		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		
	7200 PVC HORIZONTAL ROLLER WDW. - LMI		05/20/20				
	GEN. NOTES AND ELEVATIONS		J ROSOWSKI				
	HR7200 "TARGA"		1 OF 11		7200NOA-1		
Scale		NTS		Sheet		Rev.	
Series		Desc.		Drawn By		A	

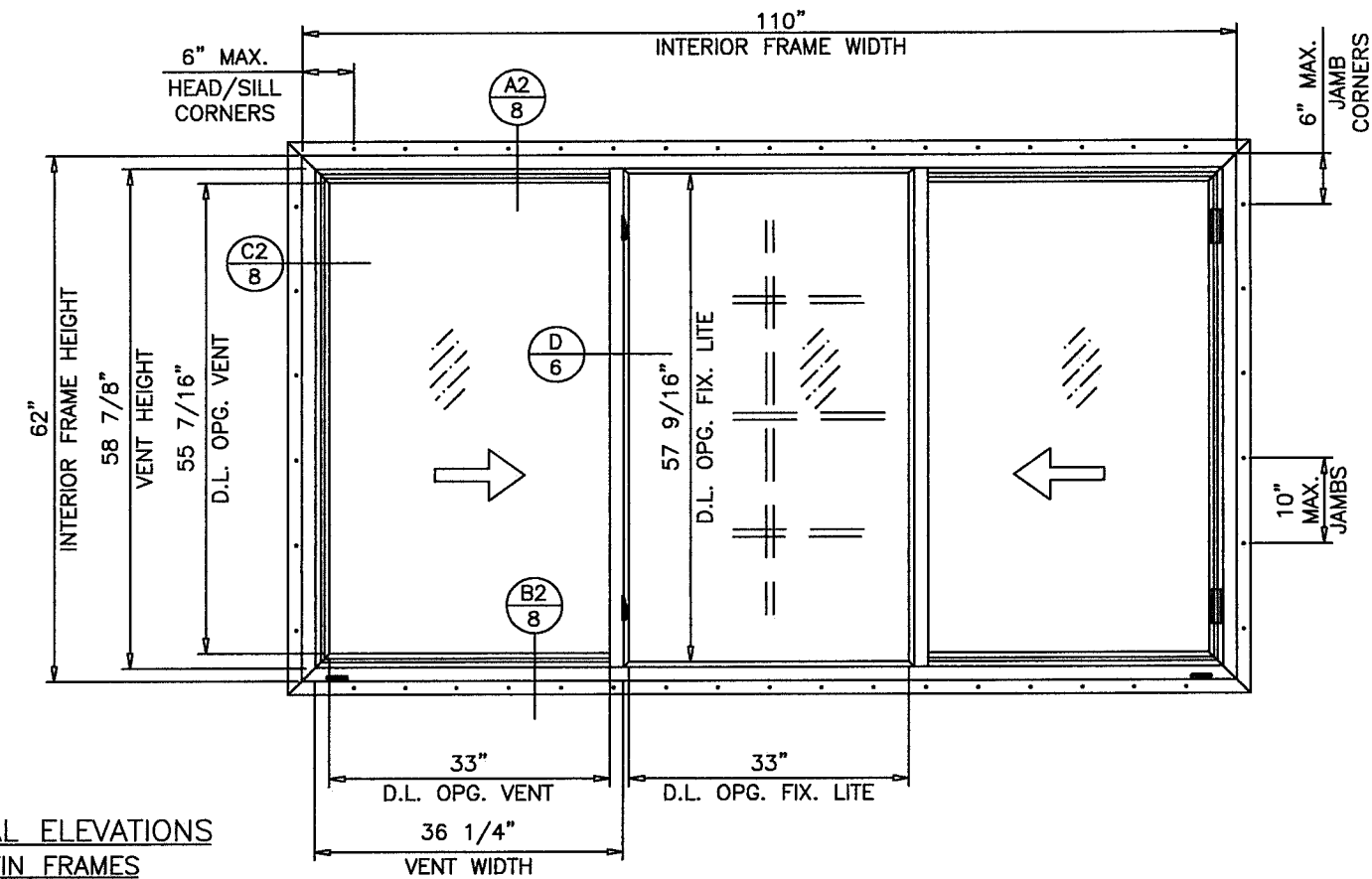
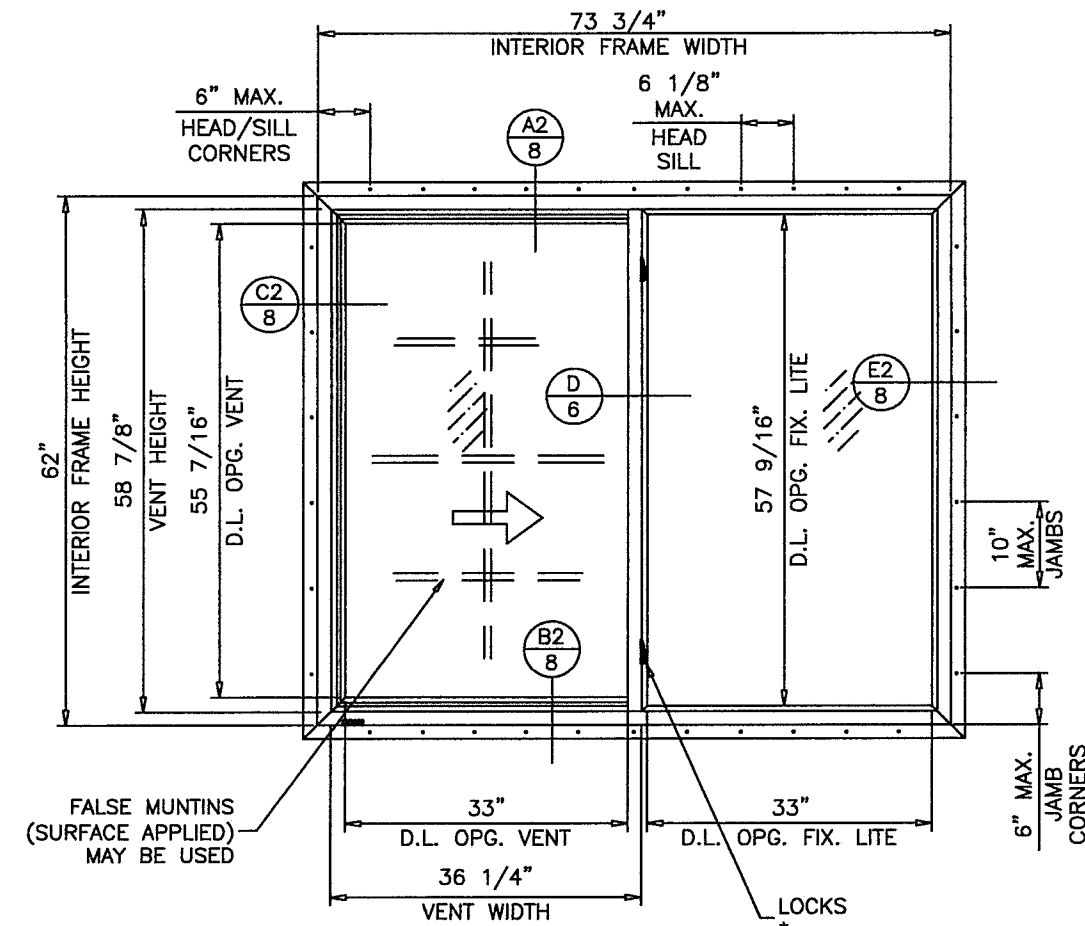






TYPICAL ELEVATIONS  
FLUSH FRAMES

\* LOCKS  
(1) PER VENT FOR WDW. HT. UPTO 25" AT MID HEIGHT  
(2) PER VENT FOR WDW. HT. ABOVE 25" AT 7" FROM TOP & BOTTOM



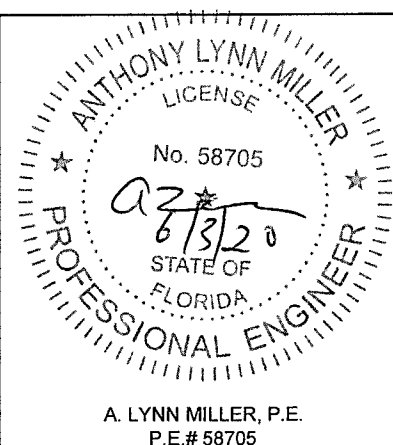
TYPICAL ELEVATIONS  
FIN FRAMES

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **20-0610.07**  
Expiration Date: **02/20/2024**  
By: Ismael L. Chanda  
Miami-Dade Product Control

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

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

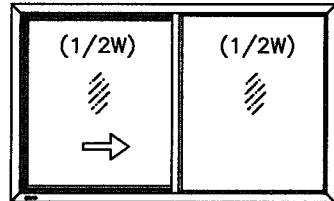
Rev.	Date	By	No.	Sheet	Scale	Series
A	05/20/20	J ROSOWSKI	7200NOA-1	2 OF 11	NTS	HR7200 "TARGA"
ELEVATIONS						
7200 PVC HORIZONTAL ROLLER WDW. - LMI						
REGISTRATION #29296						



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

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)					
INTERIOR FRAME DIMENSIONS		GLASS TYPES A, A1, B, B1		GLASS TYPES C, C1, D	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
25-1/2"	25"	60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
73-3/4"		60.0	60.0	70.0	75.0
25-1/2"	37-3/8"	60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
73-3/4"		60.0	60.0	70.0	75.0
25-1/2"	49-5/8"	60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
73-3/4"		60.0	60.0	70.0	75.0
25-1/2"	62"	60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
73-3/4"		60.0	60.0	67.8	67.8
73-3/4"	62" *	-	-	70.0	75.0
23"	23"	60.0	60.0	70.0	75.0
31"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
73"		60.0	60.0	70.0	75.0
23"	35"	60.0	60.0	70.0	75.0
31"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
73"		60.0	60.0	70.0	75.0
23"	47"	60.0	60.0	70.0	75.0
31"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
73"		60.0	60.0	70.0	75.0
23"	59"	60.0	60.0	70.0	75.0
31"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
73"		60.0	60.0	70.0	71.9
73"	59" *	-	-	70.0	75.0

\* LOAD CAPACITY WITH ADDL. ANCHOR AT MTG. STILE ENDS AND 10" MAX ANCHOR SPACING.

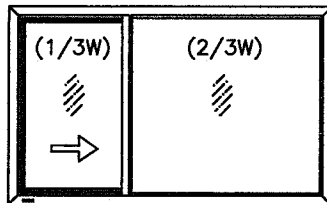


OPERATING VENT TO BE 1/2 OF THE WDW. WIDTH

'XO OR OX'

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

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)					
INTERIOR FRAME DIMENSIONS		GLASS TYPES A, A1, B, B1		GLASS TYPES C, C1, D	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
25-1/2"	25"	60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
73-3/4"		60.0	60.0	70.0	75.0
25-1/2"	37-3/8"	60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
73-3/4"		60.0	60.0	70.0	75.0
25-1/2"	49-5/8"	60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
73-3/4"		-	-	60.0	60.0
25-1/2"	62"	60.0	60.0	70.0	75.0
36"		60.0	60.0	70.0	75.0
52-1/8"		60.0	60.0	70.0	75.0
73-3/4"		-	-	60.0	60.0
23"	23"	60.0	60.0	70.0	75.0
31"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
73"		60.0	60.0	70.0	75.0
23"	35"	60.0	60.0	70.0	75.0
31"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
73"		60.0	60.0	70.0	75.0
23"	47"	60.0	60.0	70.0	75.0
31"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
73"		-	-	60.0	60.0
23"	59"	60.0	60.0	70.0	75.0
31"		60.0	60.0	70.0	75.0
47"		60.0	60.0	70.0	75.0
73"		-	-	60.0	60.0

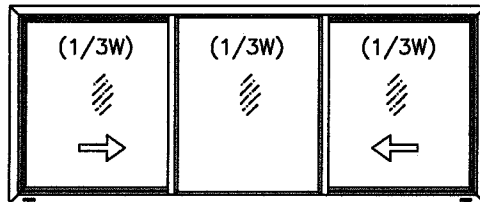


OPERATING VENT TO BE 1/3 OF THE WDW. WIDTH

'XO OR OX'

DESIGN LOAD CAPACITY - PSF (XOX SIZES)					
INTERIOR FRAME DIMENSIONS		GLASS TYPES A, A1, B, B1		GLASS TYPES C, C1, D	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
73"	25"	60.0	60.0	70.0	75.0
105-1/4"		60.0	60.0	70.0	75.0
110"		60.0	60.0	70.0	75.0
73"	37-3/8"	60.0	60.0	70.0	75.0
105-1/4"		60.0	60.0	70.0	75.0
110"		60.0	60.0	70.0	75.0
73"	49-5/8"	60.0	60.0	70.0	75.0
105-1/4"		60.0	60.0	70.0	75.0
110"		60.0	60.0	70.0	75.0
73"	62"	60.0	60.0	66.3	66.3
105-1/4"		60.0	60.0	66.3	66.3
110"		60.0	60.0	63.1	63.1
105-1/4"	62" *	-	-	70.0	75.0
110"		-	-	70.0	75.0
65"	23"	60.0	60.0	70.0	75.0
77"		60.0	60.0	70.0	75.0
91"		60.0	60.0	70.0	75.0
101"		60.0	60.0	70.0	75.0
107"		60.0	60.0	70.0	75.0
65"	35"	60.0	60.0	70.0	75.0
77"		60.0	60.0	70.0	75.0
91"		60.0	60.0	70.0	75.0
101"		60.0	60.0	70.0	75.0
107"		60.0	60.0	70.0	75.0
65"	47"	60.0	60.0	70.0	75.0
77"		60.0	60.0	70.0	75.0
91"		60.0	60.0	70.0	75.0
101"		60.0	60.0	70.0	75.0
107"		60.0	60.0	70.0	75.0
65"	59"	60.0	60.0	70.0	75.0
77"		60.0	60.0	70.0	75.0
91"		60.0	60.0	70.0	75.0
101"		60.0	60.0	70.0	75.0
107"		60.0	60.0	68.0	68.0
107"	59" *	-	-	70.0	75.0

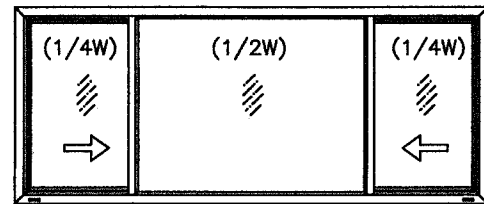
\* LOAD CAPACITY WITH ADDL. ANCHOR AT MTG. STILE ENDS AND 10" MAX ANCHOR SPACING.



OPERATING VENTS TO BE 1/3 OF THE WDW. WIDTH

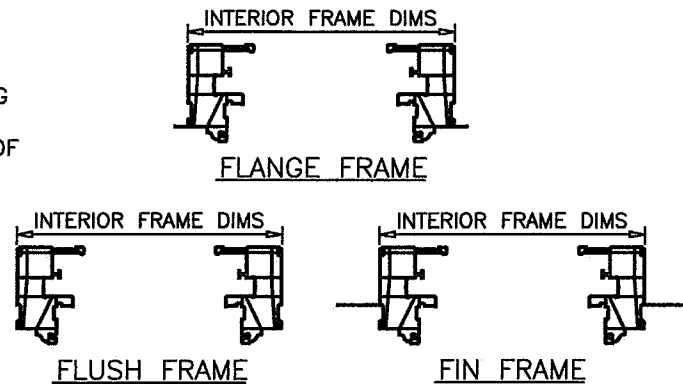
'XOX'

DESIGN LOAD CAPACITY - PSF (XOX SIZES)					
INTERIOR FRAME DIMENSIONS		GLASS TYPES A, A1, B, B1		GLASS TYPES C, C1, D	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
73"	25"	60.0	60.0	70.0	75.0
105-1/4"		60.0	60.0	70.0	75.0
110"		60.0	60.0	70.0	75.0
73"	37-3/8"	60.0	60.0	70.0	75.0
105-1/4"		60.0	60.0	70.0	75.0
110"		60.0	60.0	70.0	75.0
73"	49-5/8"	60.0	60.0	70.0	75.0
105-1/4"		60.0	60.0	70.0	75.0
110"		60.0	60.0	70.0	75.0
73"	62"	60.0	60.0	60.0	60.0
105-1/4"		60.0	60.0	60.0	60.0
110"		60.0	60.0	60.0	60.0
65"	23"	60.0	60.0	70.0	75.0
77"		60.0	60.0	70.0	75.0
91"		60.0	60.0	70.0	75.0
101"	35"	60.0	60.0	70.0	75.0
77"		60.0	60.0	70.0	75.0
91"		60.0	60.0	70.0	75.0
101"	47"	60.0	60.0	70.0	75.0
77"		60.0	60.0	70.0	75.0
91"		60.0	60.0	70.0	75.0
101"	59"	60.0	60.0	70.0	75.0
77"		60.0	60.0	70.0	75.0
91"		-	-	60.0	60.0
101"		-	-	60.0	60.0



OPERATING VENTS TO BE 1/4 OF THE WDW. WIDTH

'XOX'



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **20-0610.07**  
Expiration Date: **02/20/2024**  
By: Ishay L. Chanda  
Miami-Dade Product Control

Revision:

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

REGISTRATION #29296

DATE 05/20/20  
BY J ROSOWSKI  
DRAWN BY J ROSOWSKI

7200 PVC HORIZONTAL ROLLER WDW. - LMI

DESIGN PRESSURES  
HR7200 "TARGA"

3 OF 11  
NTS  
Scale

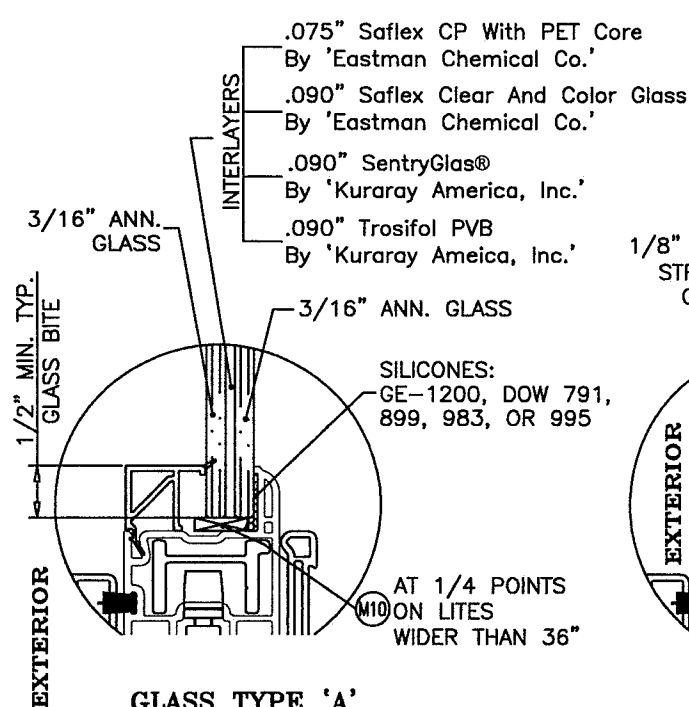
Rev. 1  
7200NOA-1  
A

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

**ANTHONY LYNN MILLER**  
LICENSE  
No. 58705  
a21326  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

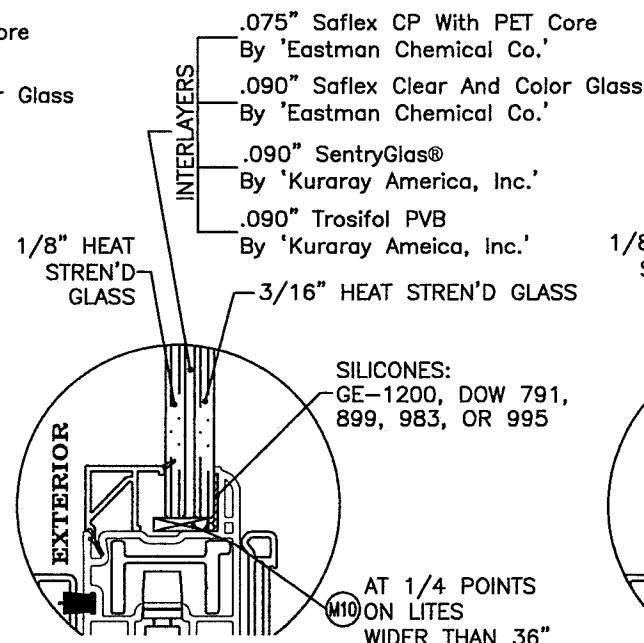
A. LYNN MILLER, P.E.  
P.E.# 58705





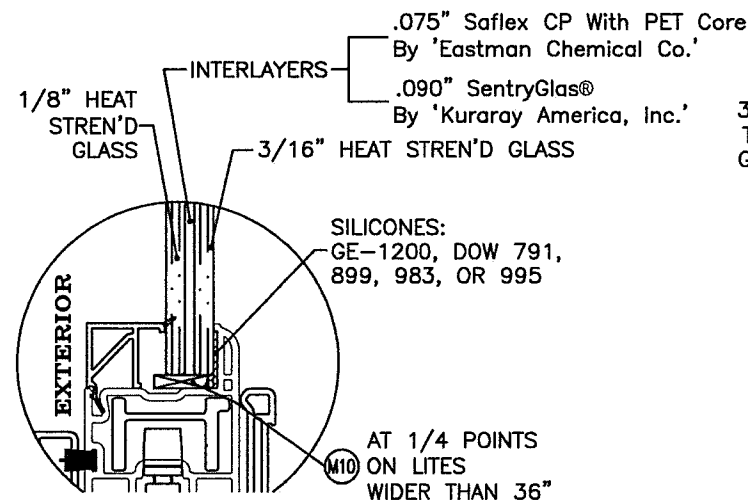
**GLASS TYPE 'A'**

7/16" OVERALL LAM. GLASS  
(L.M.I & S.M.I.)



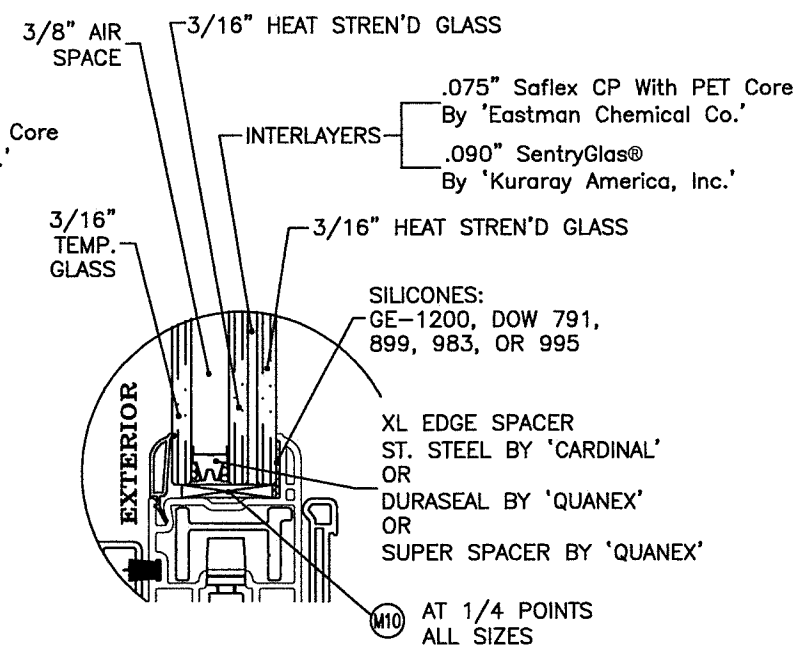
**GLASS TYPE 'B'**

7/16" OVERALL LAM. GLASS  
(L.M.I & S.M.I.)



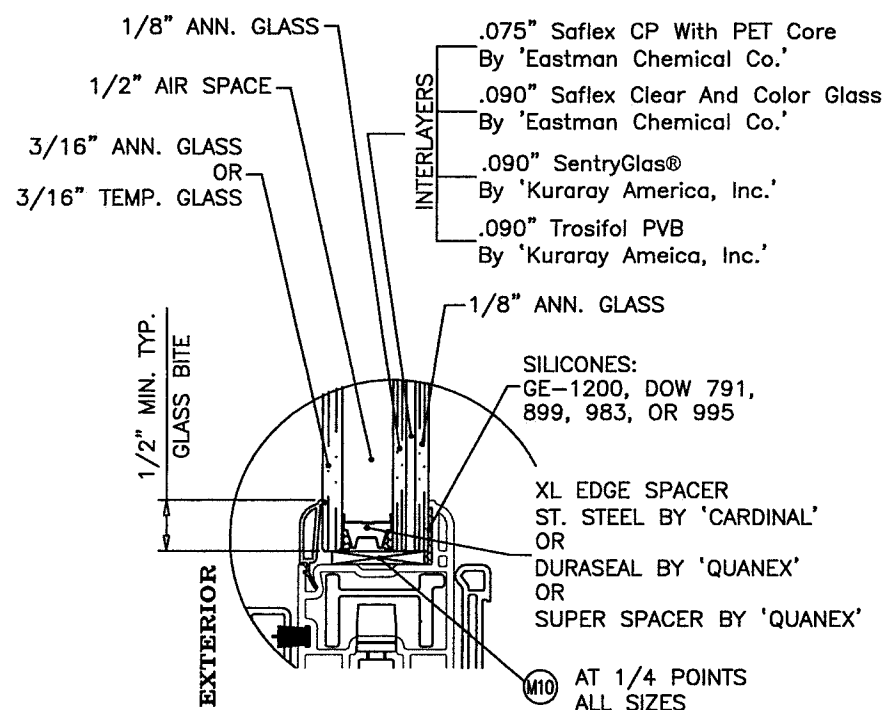
**GLASS TYPE 'C'**

7/16" OVERALL LAM. GLASS  
(L.M.I & S.M.I.)



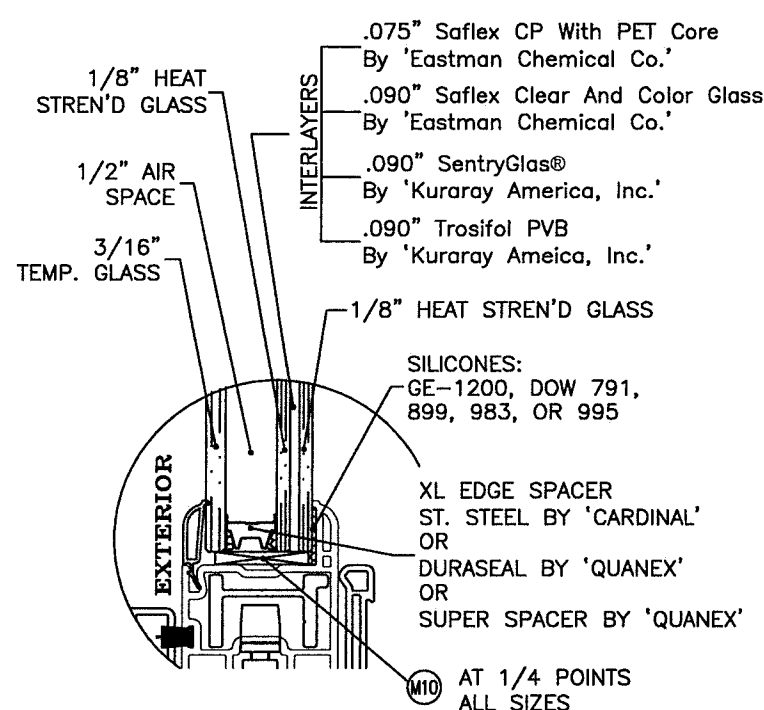
**GLASS TYPE 'D'**

1" OVERALL INSUL. LAM. GLASS  
(L.M.I ONLY)



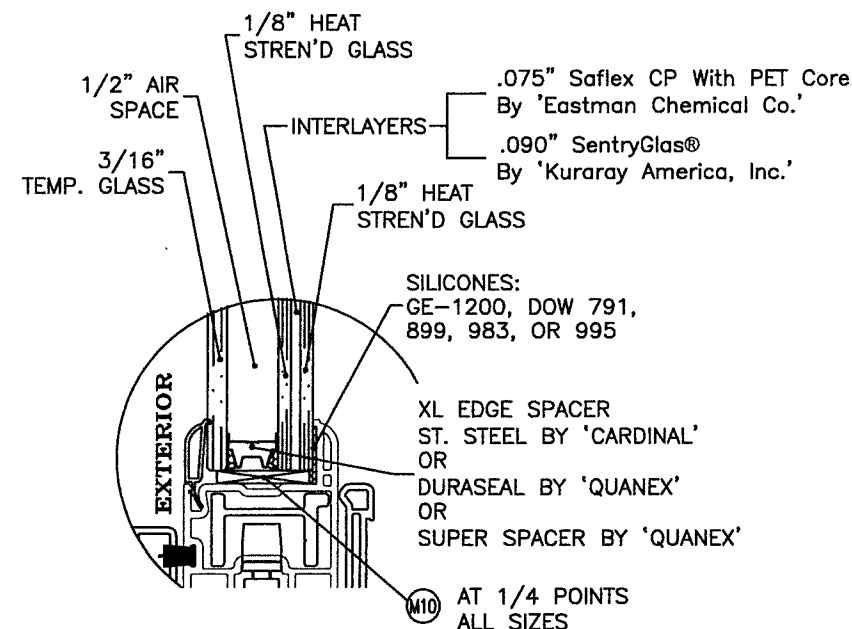
**GLASS TYPE 'A1'**

1" OVERALL INSUL. LAM. GLASS  
(L.M.I ONLY)



**GLASS TYPE 'B1'**

1" OVERALL INSUL. LAM. GLASS  
(L.M.I ONLY)



**GLASS TYPE 'C1'**

1" OVERALL INSUL. LAM. GLASS  
(L.M.I ONLY)

(S.M.I.)

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

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **20-0610.07**  
Expiration Date: **02/20/2024**  
By: Ismael I. Chanda  
Miami-Dade Product Control

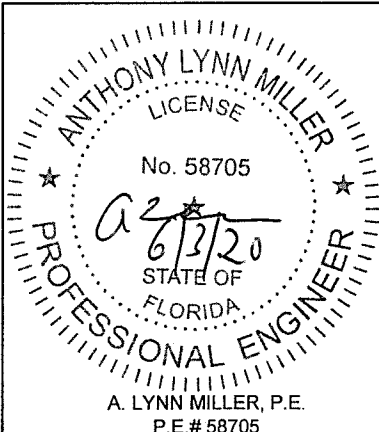
Revision: ADDED BACKBEDDING -  
JR - 5/20/20

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

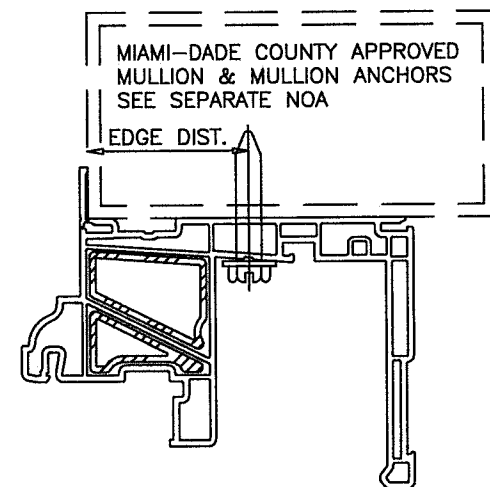
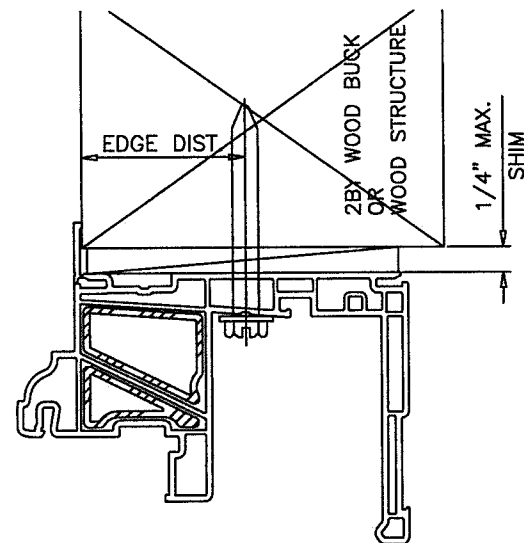
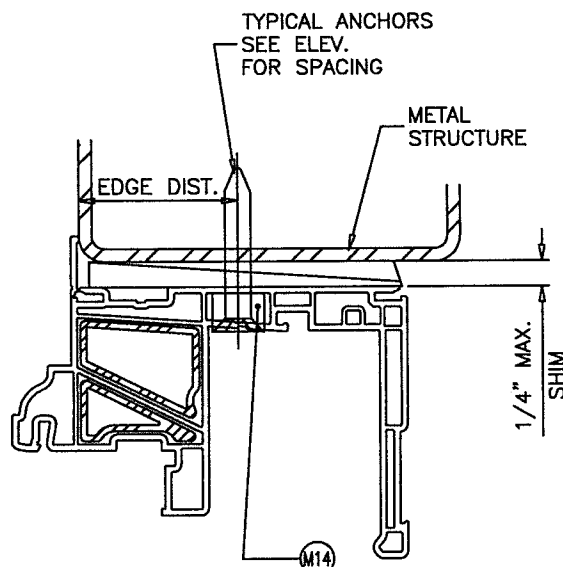
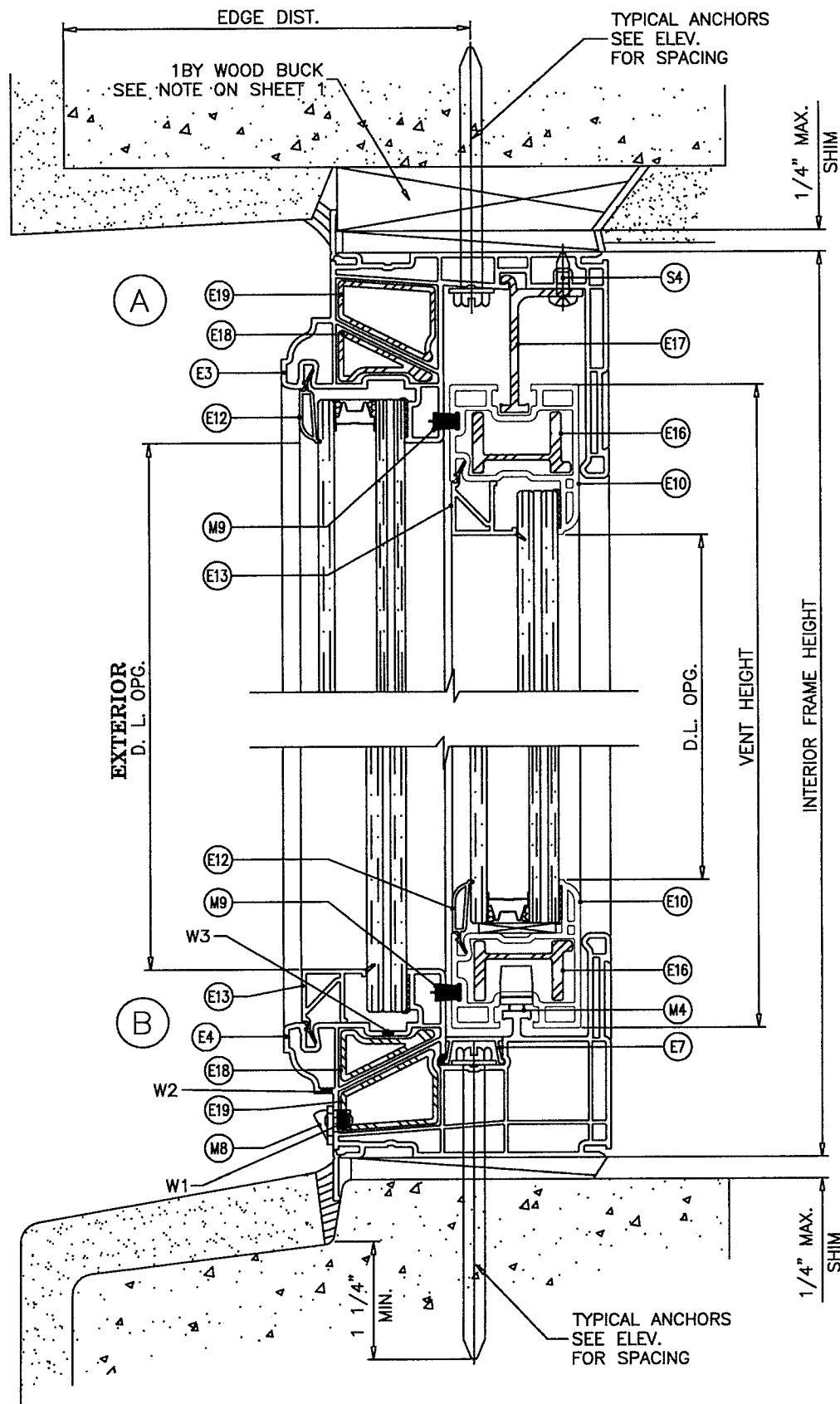
**Impact Resistant**  
**Windows & Doors**  
**WERE STRONGER™**  
CGI WINDOWS AND DOORS, INC.  
3780 W 104TH STREET  
HIALEAH, FL 33018  
(305) 593-6690

REGISTRATION #29296

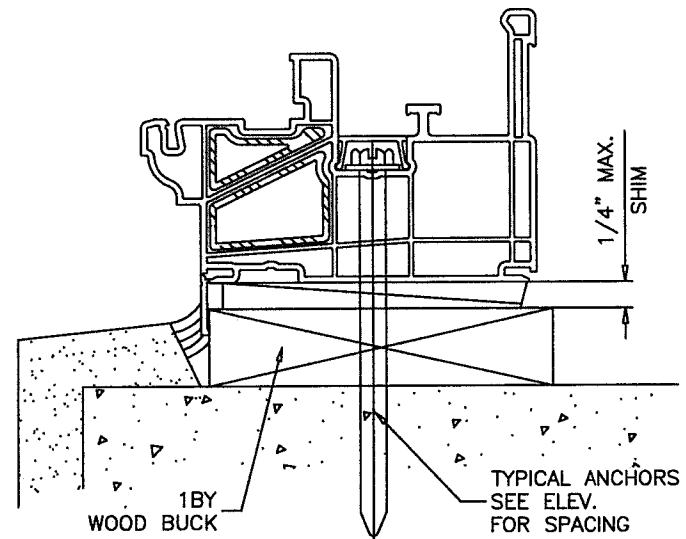
Rev.	Date	By	No.	Scale	Sheet	Series
A	05/20/20	J ROSOWSKI	7200NOA-1	4 OF 11	NTS	HR7200 "TARGA"



FLANGE FRAMES



FLAT HEAD WITH BUSHING REQUIRED AT HEAD ABOVE FIXED LITE ONLY ON ALL STRUCTURE TYPES.



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.

WEEPHOLES:

- W1 = 1/4" X 1-1/2" WEEP SLOT AT 4-1/8" FROM EACH END WITH PLASTIC COVER
- W2 = 1/8" X 1/2" WEEP SLOT AT 3-1/4" FROM EACH END
- W3 = 1/8" X 1/2" WEEP SLOT AT 3-1/4" FROM EACH END

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

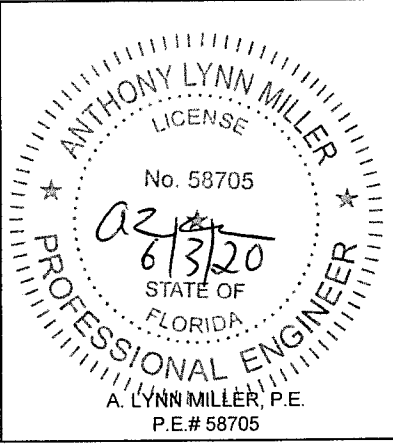
INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.  
INTO METAL STRUCTURE = 3/4" MIN.

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.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **20-0610.07**  
Expiration Date: **02/20/2024**  
By: *Shay L. Chanda*  
Miami-Dade Product Control

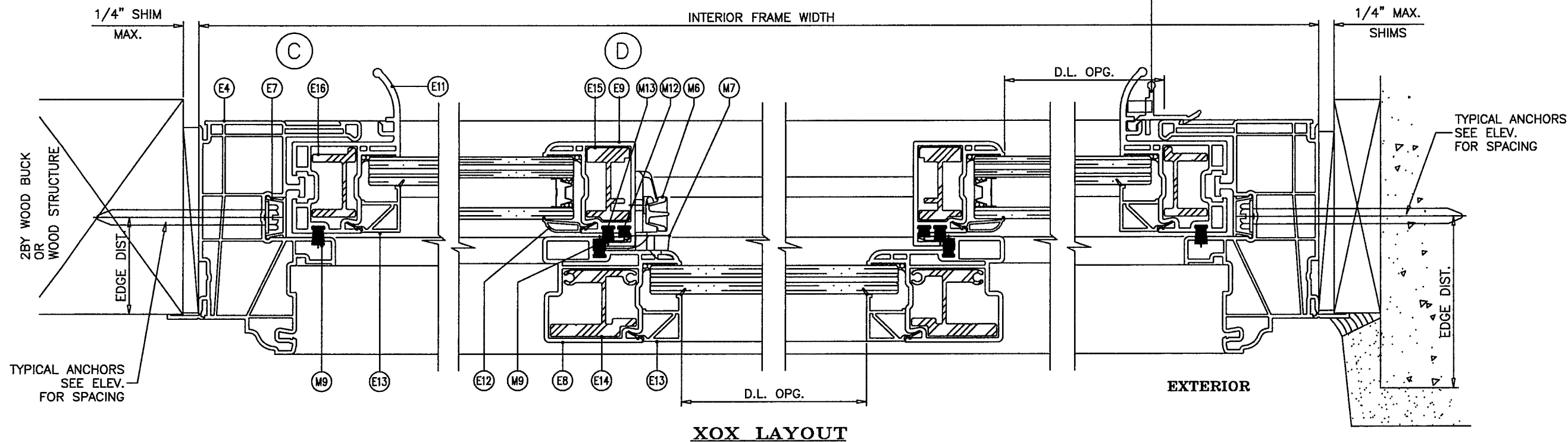
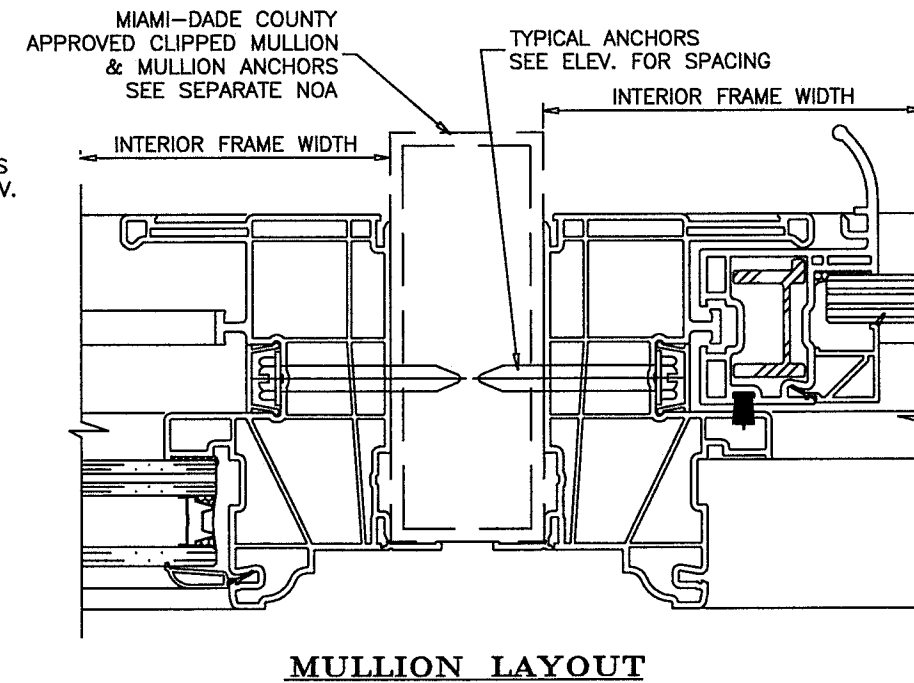
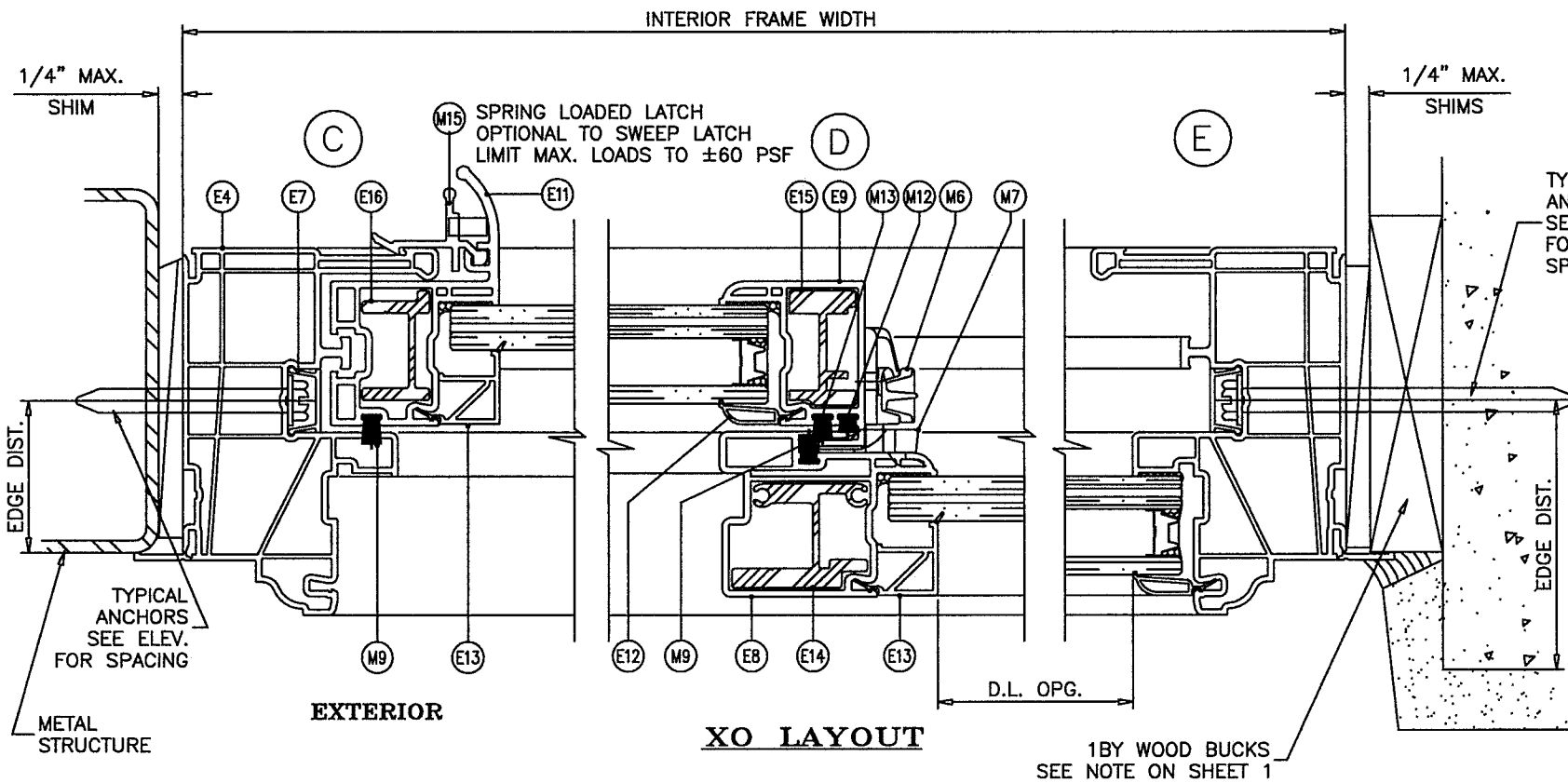
Revision: **ADDED ANCHOR TYPE - JR - 5/20/20**

 <b>Impact Resistant Windows &amp; Doors</b> <b>WE'RE STRONGER™</b>										PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600													
CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590										REGISTRATION #29296													
Title		7200 PVC HORIZONTAL ROLLER WDW. - LMI																		Date		05/20/20	
Desc.		FLANGE FRAME DETAILS																		Drawn By		J ROSOWSKI	
Series		HR7200 "TARGA"				Scale		NTS		Sheet		5 OF 11		DWG No.		7200NOA-1		Rev.		A			





FLANGE FRAMES



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **20-0610.07**  
Expiration Date: **02/20/2024**  
By: Ismael I. Chandra  
Miami-Dade Product Control

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

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

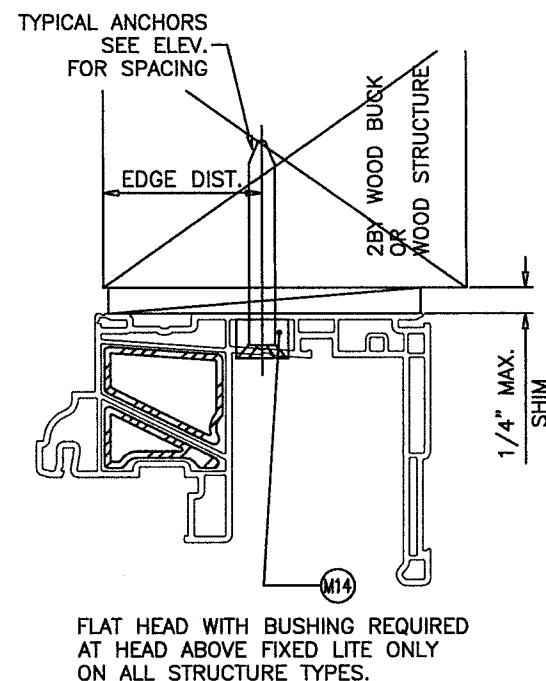
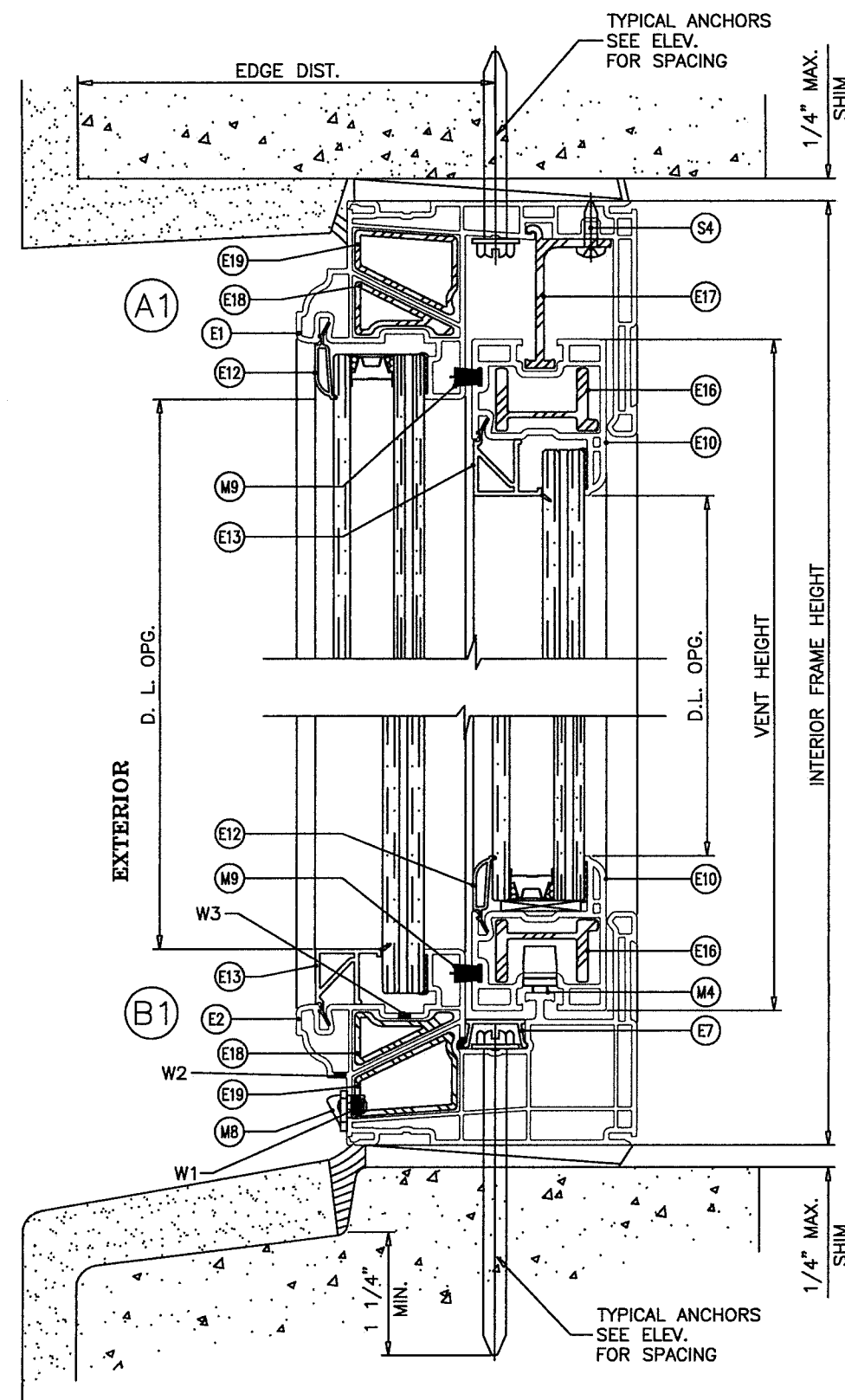
REGISTRATION #29296

Rev.	A
No.	7200NOA-1
DWG	6 OF 11
Sheet	NTS
Scale	
Series	FLANGE FRAME DETAILS
Desc.	HR7200 "TARGA"
Title	7200 PVC HORIZONTAL ROLLER WDW. - LMI
Date	05/20/20
Drawn	J ROSOWSKI

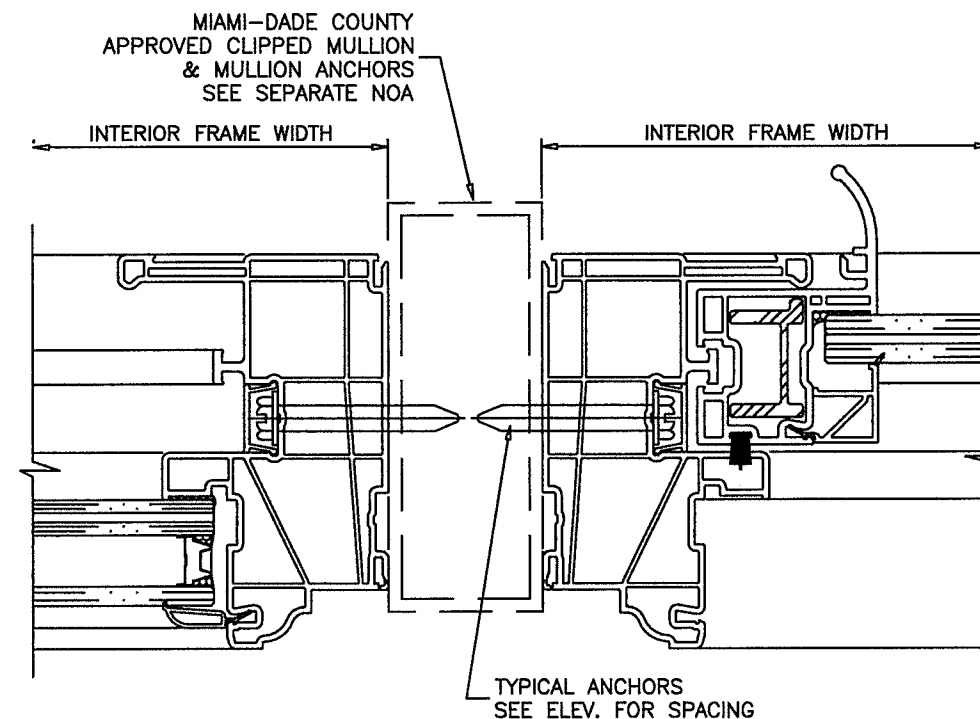
ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
6/3/20  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705



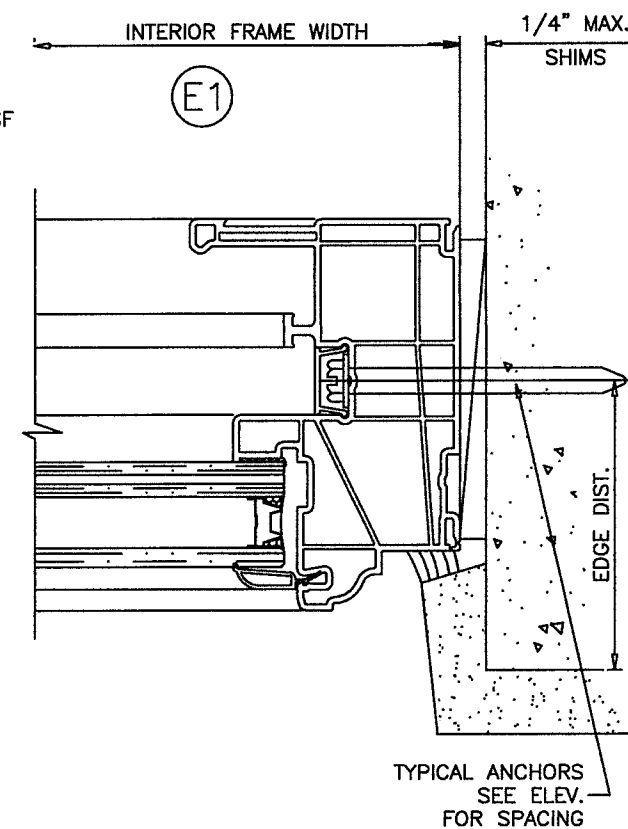
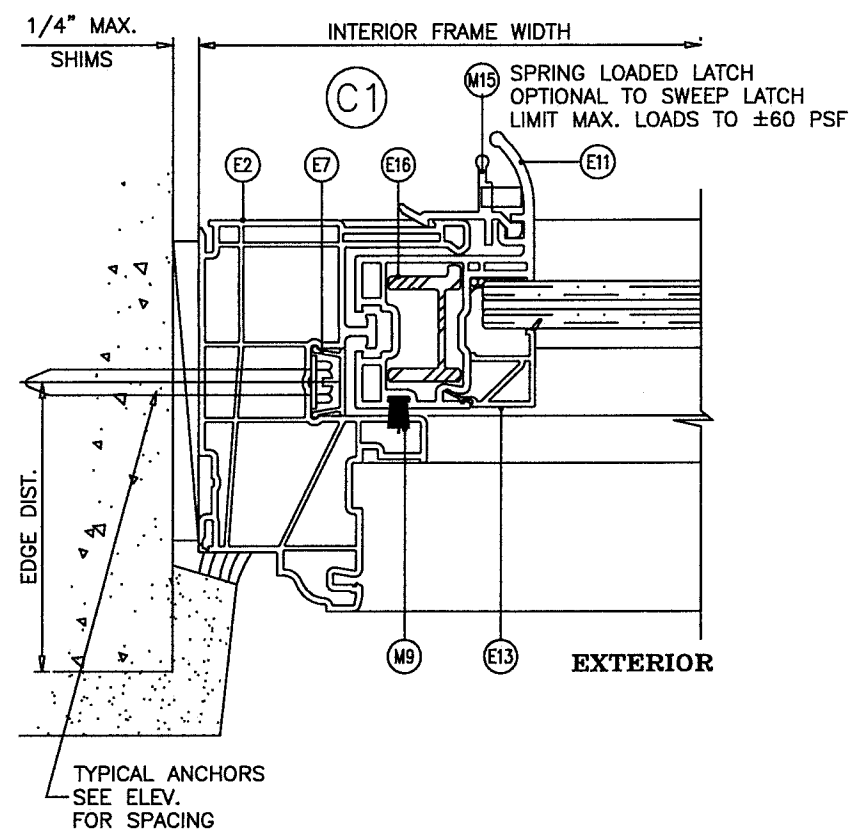
FLUSH FRAMES



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



MULLION LAYOUT



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **20-0610.07**  
Expiration Date: **02/20/2024**  
By: Ishag I. Chande  
Miami-Dade Product Control

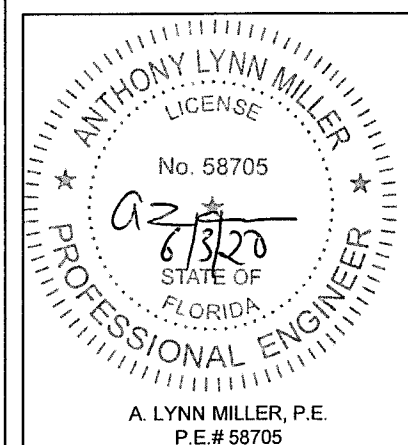
Revision:

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

REGISTRATION #29296

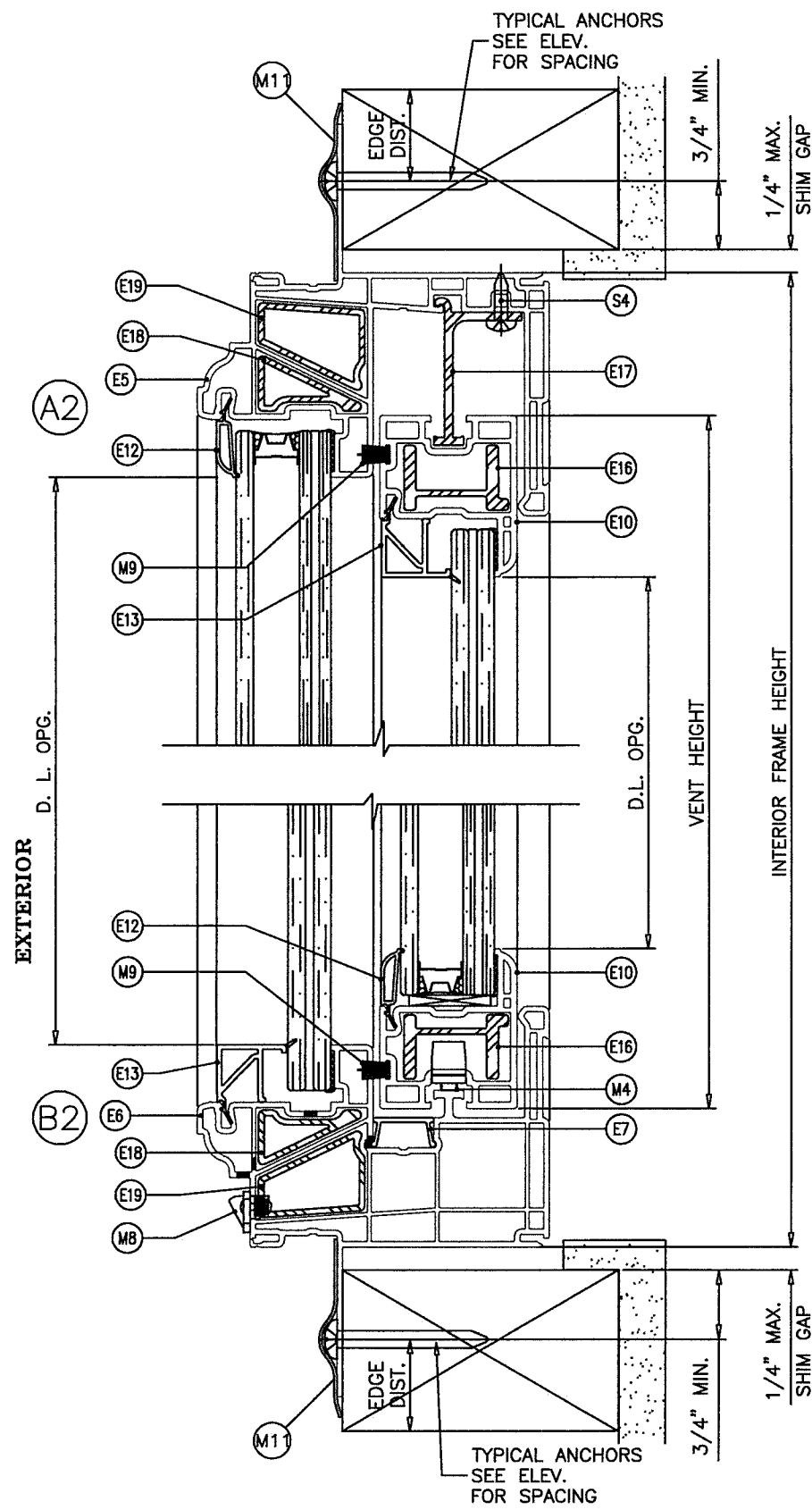
**Impact Resistant  
Windows & Doors**  
**WERE STRONGER™**  
CGI WINDOWS AND DOORS, INC.  
3780 W 104TH STREET  
HIALEAH, FL 33018  
(305) 593-6590

7200 PVC HORIZONTAL ROLLER WDW. - LMI	05/20/20	J ROSOWSKI	Rev.	A
FLUSH FRAME DETAILS			Drawn	
HR7200 "TARGA"			No.	7200NOA-1
			DWG	
			No.	7 OF 11
			Sheet	
			Scale	NTS
			Title	



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

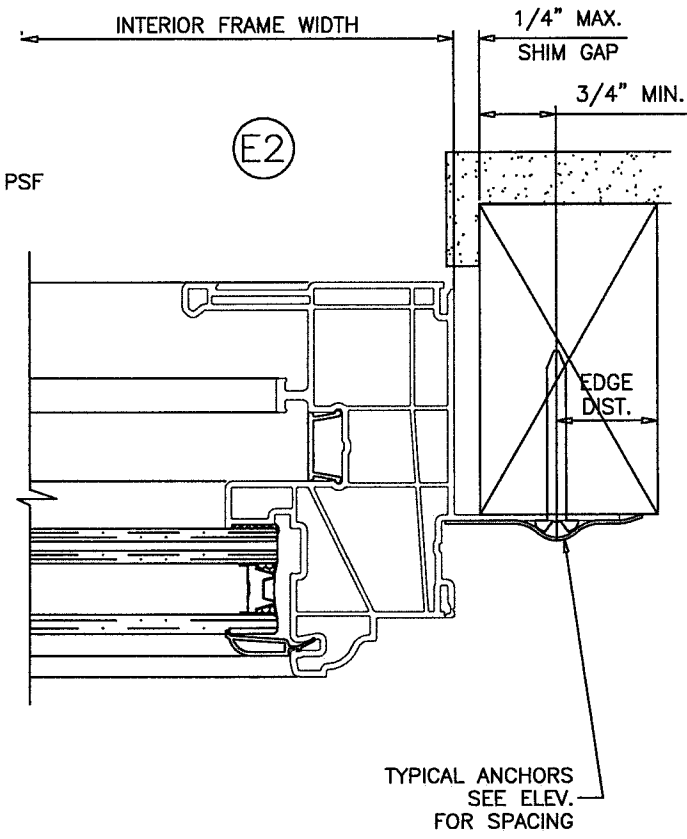
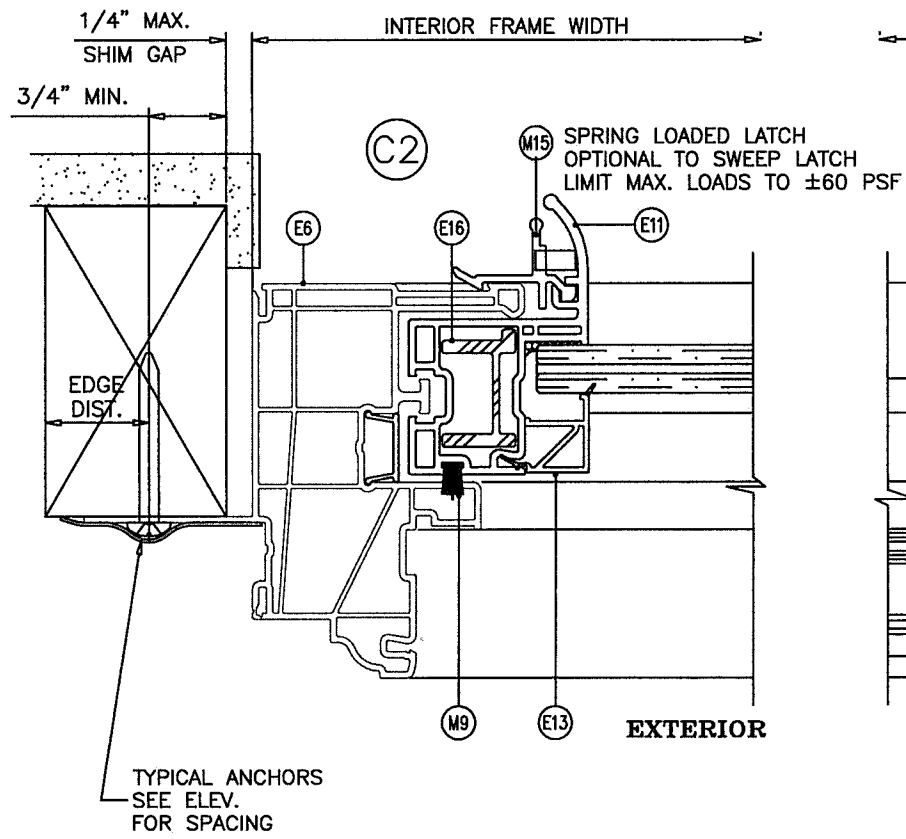
FIN FRAMES



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

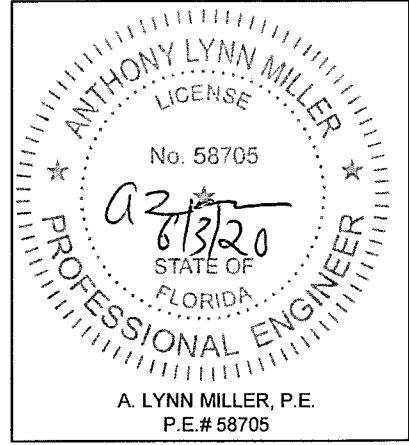


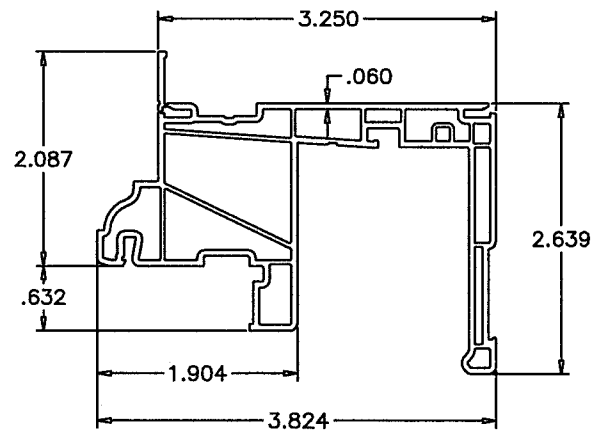
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **20-0610.07**  
Expiration Date: **02/20/2024**  
By: Isang I. Chan  
Miami-Dade Product Control

Revision:

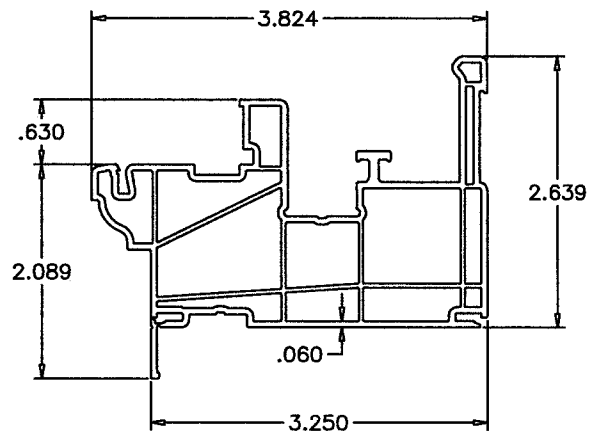
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date 05/20/20	By J ROSOWSKI	No. 7200NOA-1	Sheet 8 OF 11	Scale NTS	Series HR7200 "TARGA"	Title FIN FRAME DETAILS

**Impact Resistant**  
**Windows & Doors**  
**WERE STRONGER™**  
CGI WINDOWS AND DOORS, INC.  
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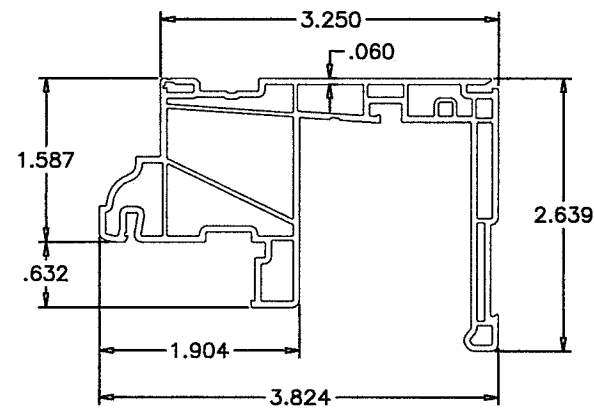




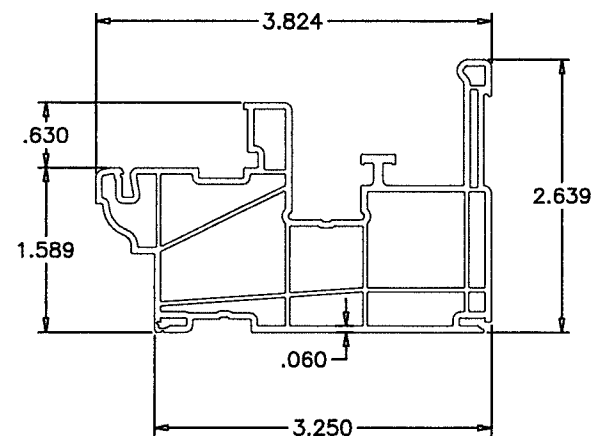
(E3) FLANGE FRAME HEAD



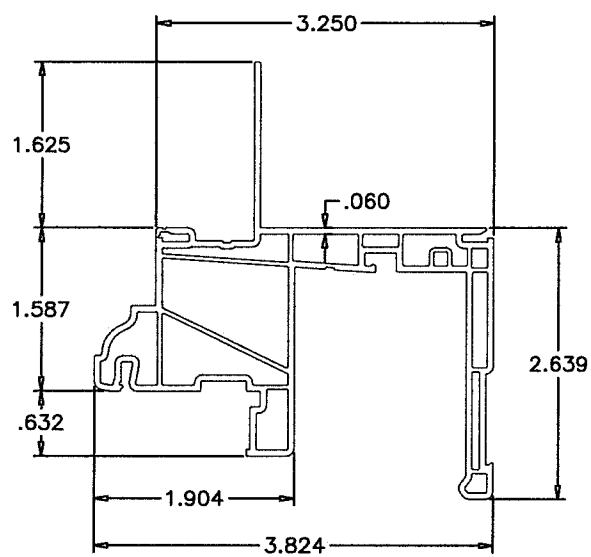
(E4) FLANGE FRAME JAMB/SILL



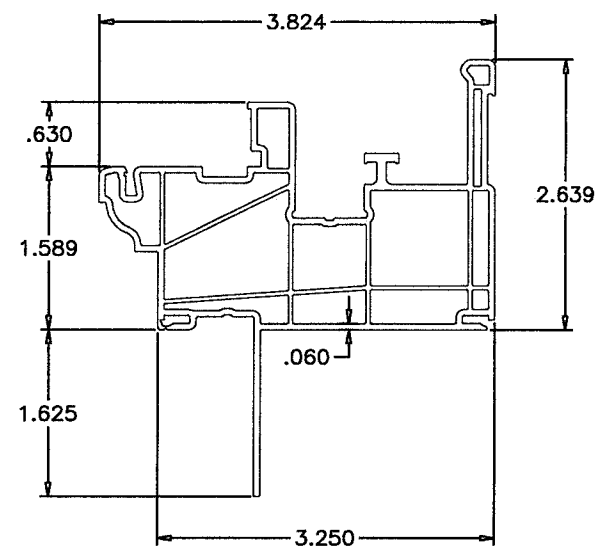
(E1) FLUSH FRAME HEAD



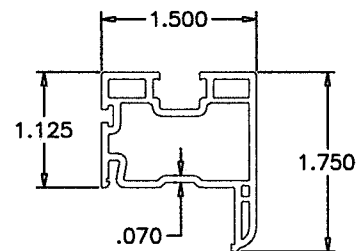
(E2) FLUSH FRAME JAMB/SILL



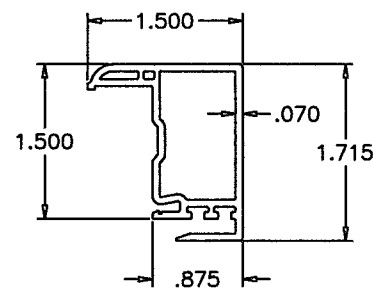
(E5) FIN FRAME HEAD



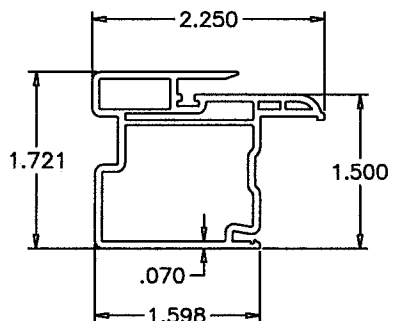
(E6) FIN FRAME JAMB/SILL



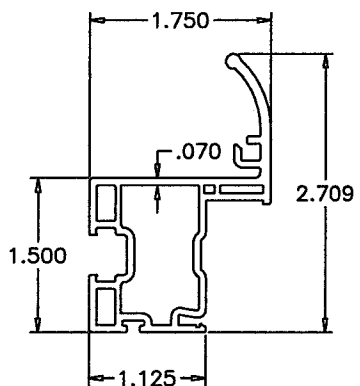
(E10) VENT TOP/BOTTOM RAIL



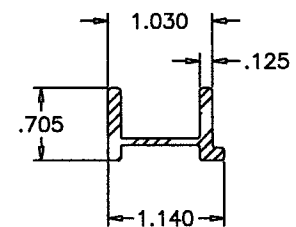
(E9) LOCK STILE



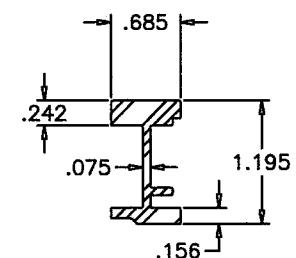
(E8) FIXED STILE



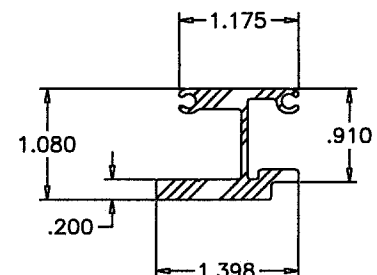
(E11) JAMB STILE



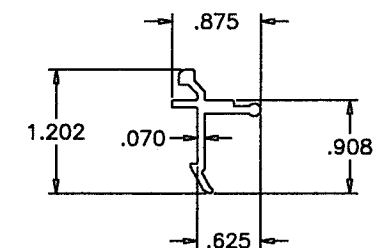
(E16) TOP/BOTTOM RAIL REINFORCING  
JAMB STILE REINFORCING



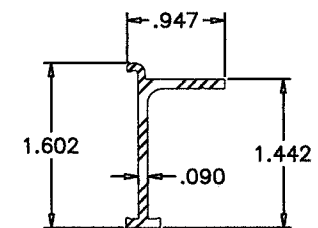
(E15) LOCK STILE REINFORCING



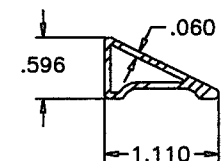
(E14) FIXED STILE REINFORCING



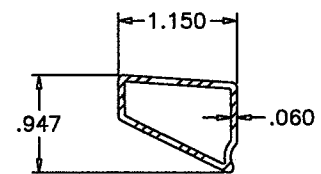
(M15) SPRING LOADED LATCH



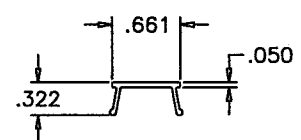
(E17) HEAD TRACK



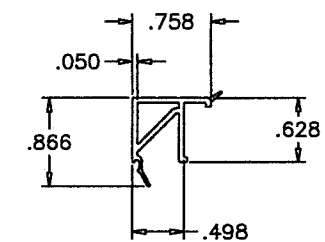
(E18) FRAME REINF. SMALL



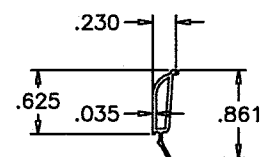
(E19) FRAME REINF. LARGE



(E7) SCREW COVER



(E13) GLAZING BEAD (LAM. GLASS)



(E12) GLAZING BEAD (INSUL. LAM. GLASS)

**PRODUCT REVISED**  
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Building Code  
NOA-No. **20-0610.07**  
Expiration Date: **02/20/2024**  
By: Isaac I. Chanda  
Miami-Dade Product Control

Revision:

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

**Impact Resistant**  
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3780 W 104TH STREET  
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REGISTRATION #29296

Date 05/20/20

By J ROSOWSKI

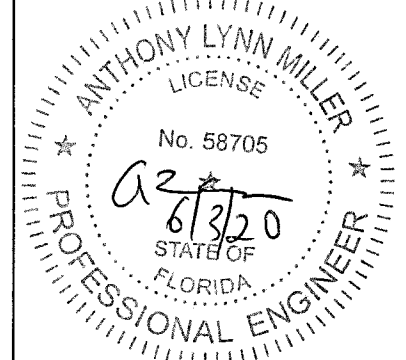
No. DWG

9 OF 11

Sheet

Scale NTS

Series Desc. Title  
EXTRUSIONS  
HR7200 "TARGA"



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



CODE	PART No.	DESCRIPTION	MATERIAL	MANUF.	REMARKS
E1	CGI-1009	EQUAL LEG FRAME HEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E2	CGI-1002	EQUAL LEG FRAME JAMB / SILL	PVC	DECEUNINCK NORTH AMERICA LLC.	
E3	CGI-1016	FLANGE FRAME HEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E4	CGI-1015	FLANGE FRAME JAMB / SILL	PVC	DECEUNINCK NORTH AMERICA LLC.	
E5	CGI-1021	FIN FRAME HEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E6	CGI-1020	FIN FRAME JAMB / SILL	PVC	DECEUNINCK NORTH AMERICA LLC.	
E7	CGI-1003	SCREW COVER	PVC	DECEUNINCK NORTH AMERICA LLC.	
E8	CGI-1004	FIXED MEETING STILE	PVC	DECEUNINCK NORTH AMERICA LLC.	
E9	CGI-1005	LOCK STILE	PVC	DECEUNINCK NORTH AMERICA LLC.	
E10	CGI-1010	TOP / BOTTOM RAIL	PVC	DECEUNINCK NORTH AMERICA LLC.	
E11	CGI-1007	JAMB STILE	PVC	DECEUNINCK NORTH AMERICA LLC.	
E12	CGI-1008	IG GLAZING BEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E13	CGI-1025	7/16" MONOLITHIC GLAZING BEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E14	CGI-802	FIXED MTG. STILE REINFORCEMENT	6005A-T5	CGI EXTRUDER	
E15	CGI-807	LOCK STILE REINFORCEMENT	6005A-T5	CGI EXTRUDER	
E16	CGI-800	TOP/BTOOM RAIL & JAMB STILE REINFORCEMENT	6005A-T5	CGI EXTRUDER	
E17	CGI-803	HEAD TRACK	6005A-T5	CGI EXTRUDER	
E18	CGI-1026	FRAME REINFORCEMENT SMALL	6005A-T5	CGI EXTRUDER	6" LONG AT MTG. STILE LOCATION
E19	CGI-1027	FRAME REINFORCEMENT LARGE	6005A-T5	CGI EXTRUDER	6" LONG AT MTG. STILE LOCATION
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	70-10001	ROLLER	NYLON/SS	SULLIVAN OR EQUIV	
M6	70-10044	SWEEP LOCK	-	CGI CUSTOM	ATTACHED WITH (2) #6 X 3/4" FH SMS
M7	70-10045	KEEPER	-	CGI CUSTOM	ATTACHED WITH (2) #6 X 3/4" FH SMS
M8	146-1A	WEEP HOLE COVERS	PVC	CGI-CUSTOM	
M9	W43291NW	.187 x .290 WEATHERSTRIP PILE W/ CENTER FIN	WOOL	ULTRAFAB	
M10	-	SETTING BLOCK, 2 PER LITE	EPDM	-	DUROMETER 85±5
M11		PROTECTO WRAP WATERPROOFING OR EQUIV.			AT FIN FRAME
M12	W2315NW	.187 x .150 WEATHERSTRIP PILE W/ CENTER FIN	WOOL	ULTRAFAB	
M13	W23221NG	.187 x .220 WEATHERSTRIP PILE W/ CENTER FIN	WOOL	ULTRAFAB	
M14	71-10047	ANCHOR BUSHING	NYLON	CGI-CUSTOM	REQD. WITH FLAT HEAD ANCHORS AT FIX. LITE ONLY
M15	70-10002	SPRING LOADED LOCK, 4" LONG	6063-T5	CGI CUSTOM	-
S3		#8 X 3" TRUSS HEAD SMS - MEETING RAIL ATTACHEMENT		4 PER MTG RAIL	
S4		#8 X 1/2" PAN HEAD SMS - HEAD TRACK			
S5		#6 X 3/4" FLAT HEAD SMS - SWEEP LOCK/KEEPER			

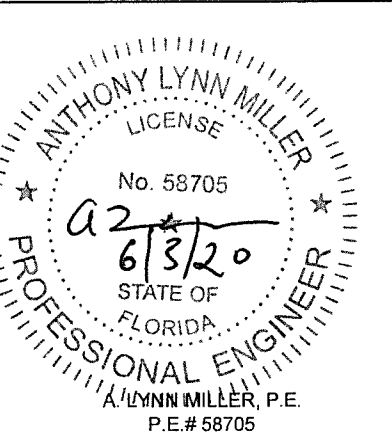
WHITE PVC EXTRUSIONS BY 'DECEUNINCK NORTH AMERICA LLC'  
MAX. Fy = 5.2 KSI  
MAX. Fu = 6.5 KSI  
TO BE LABELED WITH AAMA EXTRUDER CODE, EXTRUDER NAME, CITY, STATE AND 'MDCA'.

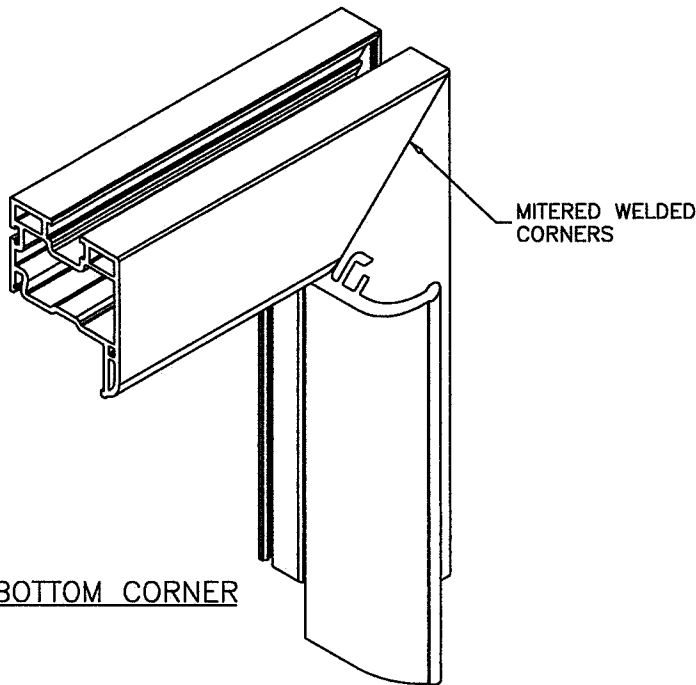
Material	Min. F <sub>y</sub>	Min. F <sub>u</sub>
#14 Tek or Self-drilling Steel Screw, Gr 2	36 ksi	60 ksi
1/4" ITW Tapcon	100 ksi	125 ksi
1/4" Elco Aggre-Gator	57 ksi	95 ksi
1/4" Elco UltraCon	155 ksi	177 ksi
1/4" DeWalt UltraCon+	148 ksi	164 ksi
6063-T5 Aluminum	16 ksi	22 ksi
A36 Steel	36 ksi	58 ksi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

**PRODUCT REVISED**  
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NOA-No. **20-0610.07**  
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By: Ismael L. Chandra  
Miami-Dade Product Control

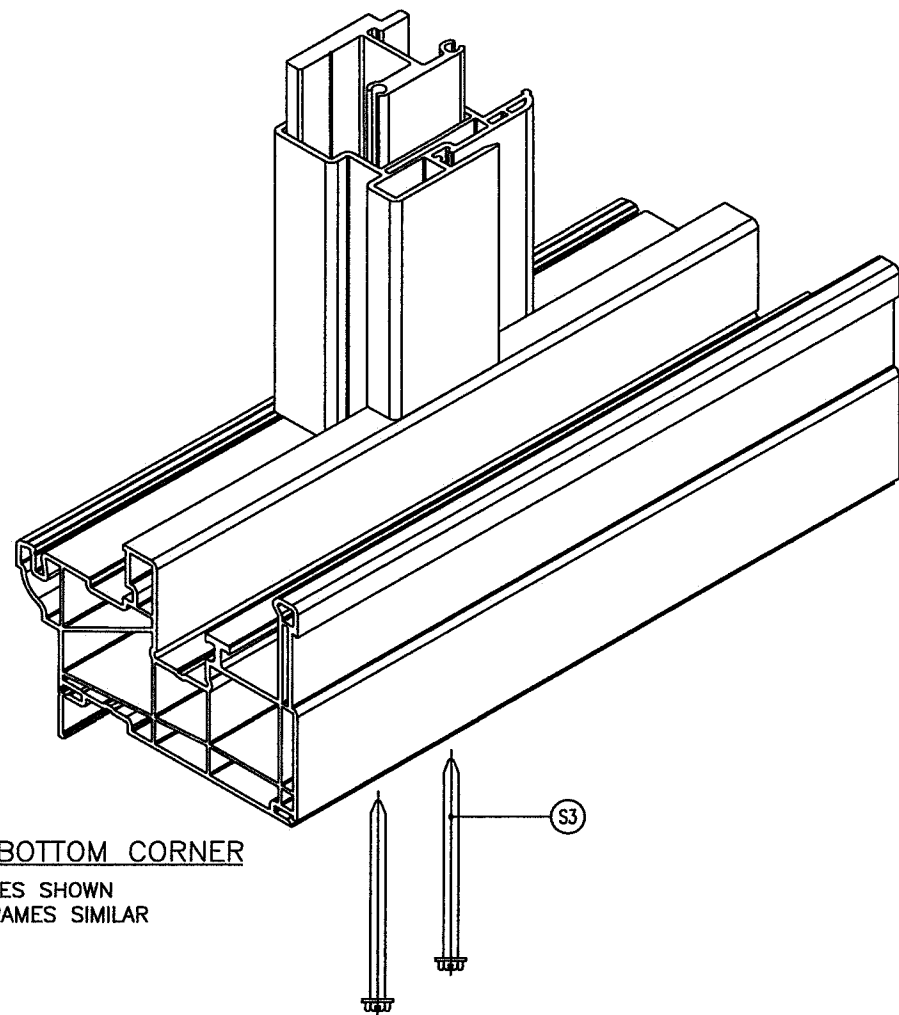
Revision: ADDED BACKBEDDING -  
JR - 5/20/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Impact Resistant Windows & Doors WE'RE STRONGER™ CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	Date	05/20/20	J ROSOWSKI	Rev.	A
		By			DWG	No.
		7200 PVC HORIZONTAL ROLLER WDW. - LMI			10 OF 11	
		BILL OF MATERIALS			NTS	
		Sheet			HR7200 "TARGA"	
		Scale				



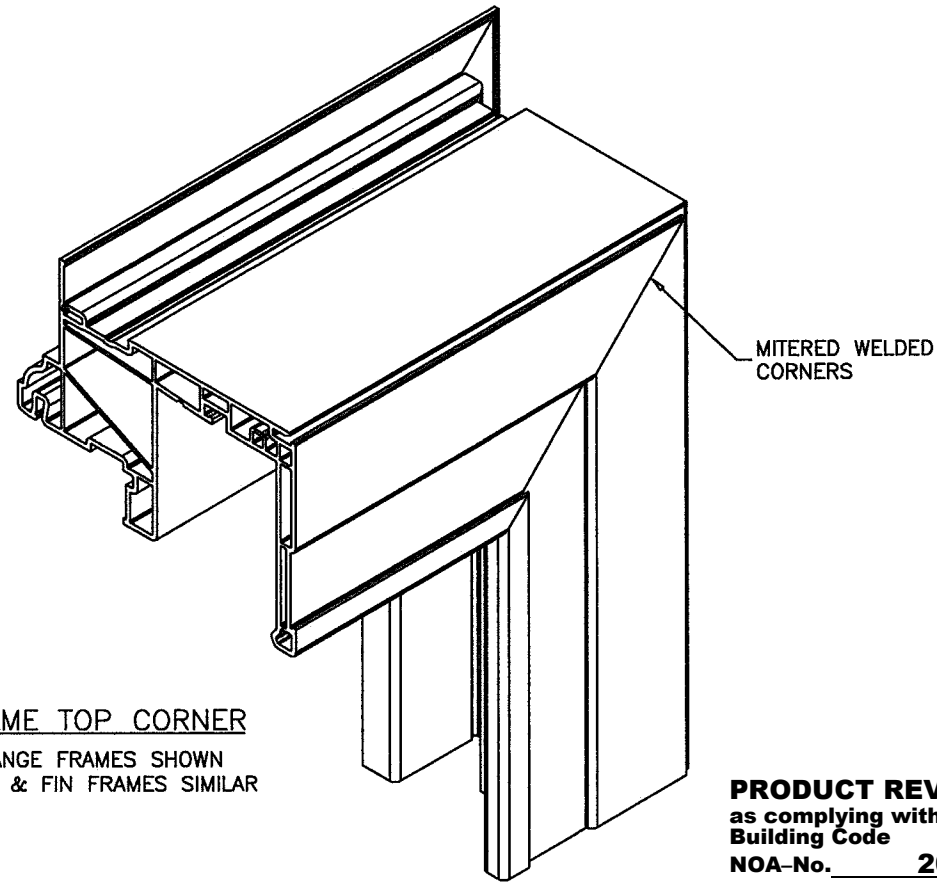


VENT TOP/BOTTOM CORNER



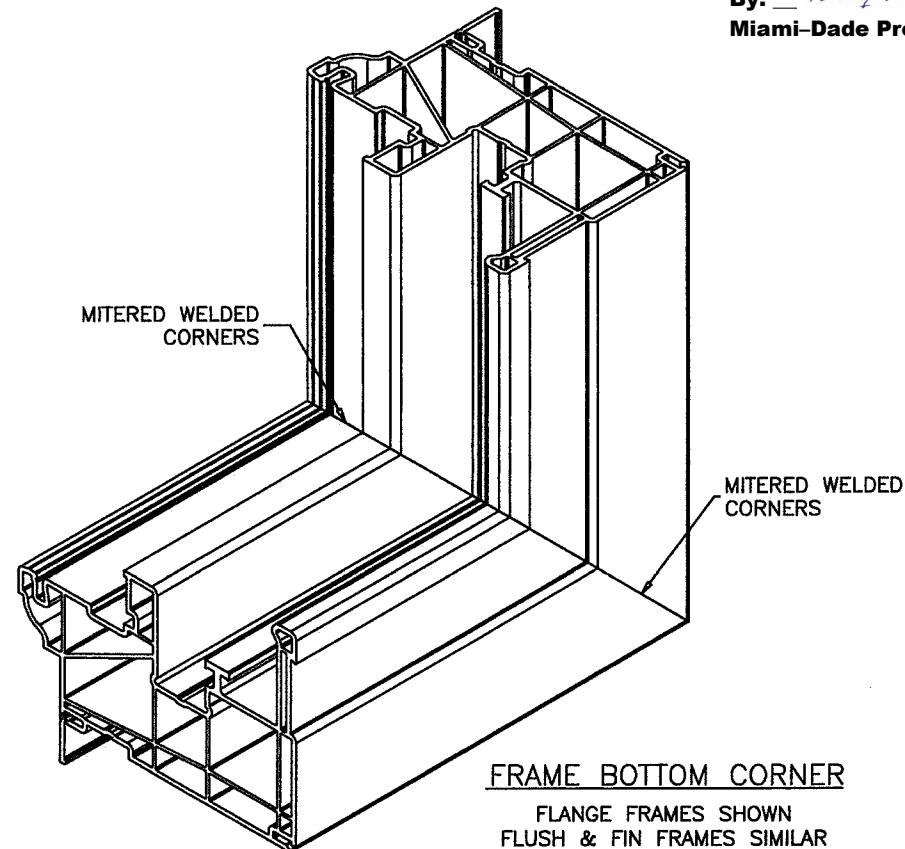
FIXED STILE TOP/BOTTOM CORNER

FLANGE FRAMES SHOWN  
FLUSH & FIN FRAMES SIMILAR



FRAME TOP CORNER

FLANGE FRAMES SHOWN  
FLUSH & FIN FRAMES SIMILAR



FRAME BOTTOM CORNER

FLANGE FRAMES SHOWN  
FLUSH & FIN FRAMES SIMILAR

**PRODUCT REVISED**  
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By: Ishag I. Chande  
Miami-Dade Product Control

Revision:	

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600  REGISTRATION #29296	Date	05/20/20	Rev.	A
	Drawn By	J ROSOWSKI	No.	7200NOA-1
	DWG	11 OF 11	Sheet	NTS
	CORNER DETAILS HR7200 "TARGA"			

<b>Impact Resistant</b> <b>Windows &amp; Doors</b> <b>WE'RE STRONGER™</b>  CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	7200 PVC HORIZONTAL ROLLER WDW. - LMI CORNER DETAILS HR7200 "TARGA"
--	---

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
6/3/20  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

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