



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](http://www.miamidade.gov/building)

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

**NOTICE OF ACCEPTANCE (NOA)**

**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 "Targa 7500" White PVC Fixed Window - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **MD-PW7500**, titled "Targa 7500 PVC Fixed Window", sheets 1 through 9 of 9, dated 05/12/20, with revision A dated 05/12/20, prepared by manufacturer, signed and sealed by Anthony 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.

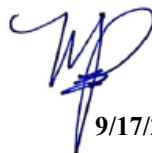
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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 **revises NOA# 19-0102.07** 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 **Manuel Perez, P.E.**



  
 9/17/20

**NOA No. 20-0519.07**  
**Expiration Date: February 20, 2024**  
**Approval Date: September 24, 2020**  
 Page 1

**CGI Windows and Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

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

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 13-1115.05)*
2. Drawing No. **W13-20**, titled "Series 'Targa 7500' PVC Fixed Wdw. (L.M.I./S.M.I.)", sheets 1, 2, 2.1, 3 and 4 through 8 of 8, dated 05/10/13, with revision E dated 09/25/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under NOA No.17-1011.17)*

**B. TESTS**

1. 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. 15-0512.11)*
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 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. 15-0512.11)*
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 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. 15-0512.11)*

  
Manuel Perez, P.E.

Product Control Examiner  
NOA No. 20-0519.07

Expiration Date: February 20, 2024  
Approval Date: September 24, 2020

**CGI Windows and Doors, 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  
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 fixed windows, prepared by Element Materials Technology., Test Report No. **CTLA-3031W** dated 09/05/14, signed and sealed by Ramesh C. Patel, P.E.  
*(Submitted under NOA No. 14-1204.07)*

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, and TAS 202-94

along with marked-up drawings and installation diagram of extruded vinyl equal leg/fin/flange frame fixed windows, prepared by Element Materials Technology., Test Report No. **EMT-ESP014633P**, dated 10/22/13, signed and sealed by Ramesh C. Patel, P.E.

*(Submitted under NOA No. 13-1115.05)*

**C. CALCULATIONS**


1. Anchor verification calculations and structural analysis, complying with **FBC 5<sup>th</sup> Edition (2014)**, dated 10/07/14 and updated to the **FBC 6<sup>th</sup> Edition (2017)** on 08/30/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

*(Submitted under NOA No. 17-1011.17)*

2. Glazing complies with **ASTM E1300-09**

**D. QUALITY ASSURANCE**

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

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 20-0519.07  
Expiration Date: February 20, 2024  
Approval Date: September 24, 2020

**CGI Windows and Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

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

**E. MATERIAL CERTIFICATIONS**

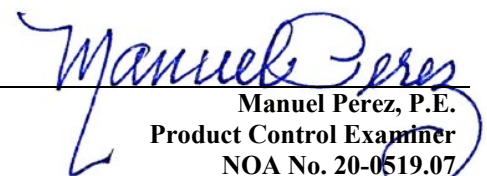
1. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 12/28/17, expiring on 07/04/23.
2. Notice of Acceptance No. **16-1117.01** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear 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 12/11/18.
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, of complying with **FBC 5<sup>th</sup> Edition (2014)**, with **FBC 6<sup>th</sup> Edition (2017)** and of no financial interest, dated August 22, 2017, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under NOA No.17-1011.17)*
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. 14-1204.07)*
3. Test Proposal for the qualification of **Butacite®** PVB glass interlayer by DuPont 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. 14-1204.07)*

**G. OTHERS**

1. Notice of Acceptance No. **15-0512.11**, issued to CGI Windows and Doors, Inc. for their Series "Targa 7500" White PVC Fixed Window - L.M.I., approved on 09/03/15 and expiring on 02/20/19.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 20-0519.07  
Expiration Date: February 20, 2024  
Approval Date: September 24, 2020

**CGI Windows and Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **MD-PW7500**, titled “Targa 7500 PVC Fixed Window”, sheets 1 through 9 of 9, dated 05/12/20, with revision **A** dated 05/12/20, prepared by manufacturer, signed and sealed by Anthony 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 203-94  
6) Forced Entry Test, per ASTM F588 and TAS 202-94

along with marked-up drawings and installation diagram of all PGT Industries, Inc. CGI Windows and Doors, 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.:

**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.

**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.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 6<sup>th</sup> Edition (2017)**, dated 08/30/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., updated to comply with **FBC 7<sup>th</sup> Edition (2020)**, on 05/12/20 by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 20-0519.07

Expiration Date: February 20, 2024  
Approval Date: September 24, 2020

**CGI Windows and Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**


**2. NEW EVIDENCE SUBMITTED (CONTINUED)**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **18-0725.11** issued to **Kuraray America, Inc.** for their “**Kuraray SentryGlas® Xtra™ (SGX™) Clear Glass Interlayer**” dated 05/23/19, expiring on 05/23/24.
2. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 05/09/19, expiring on 07/08/24.
3. Notice of Acceptance No. **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**” dated 07/25/19, expiring on 02/19/24.



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Manuel Pérez, P.E.

Product Control Examiner

NOA No. 20-0519.07

Expiration Date: February 20, 2024

Approval Date: September 24, 2020



**CGI Windows and Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

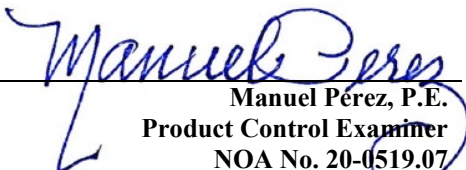
**2. NEW EVIDENCE SUBMITTED (CONTINUED)**

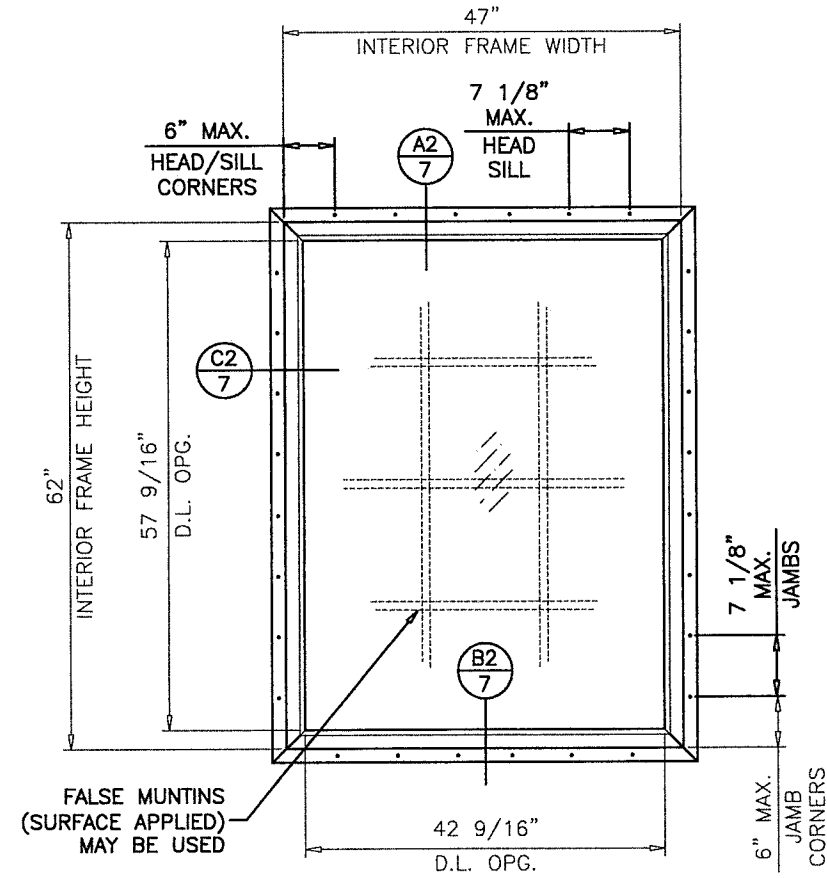
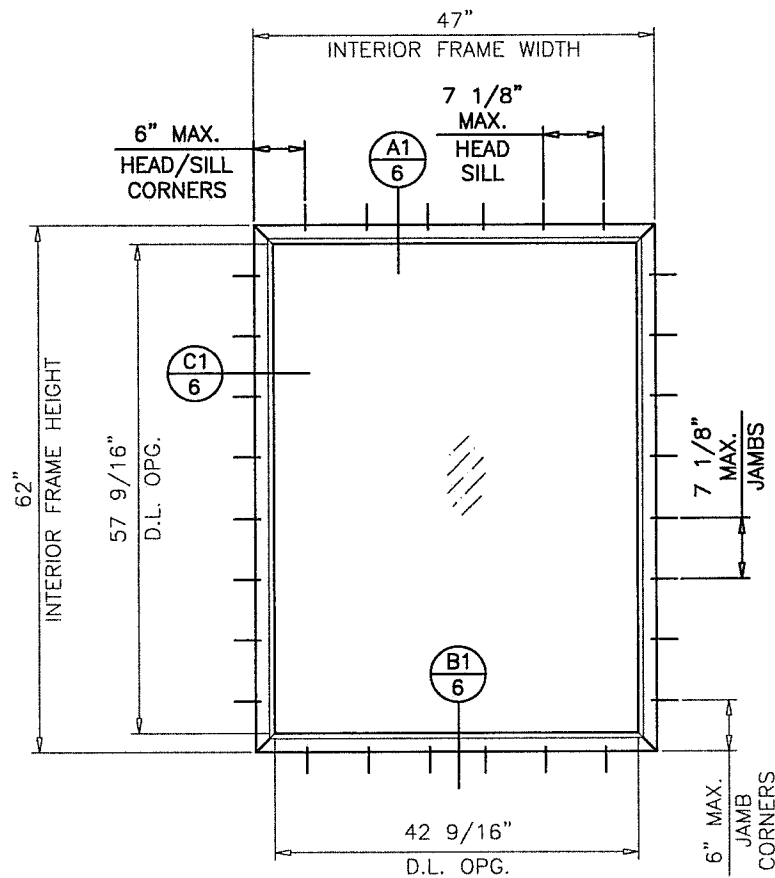
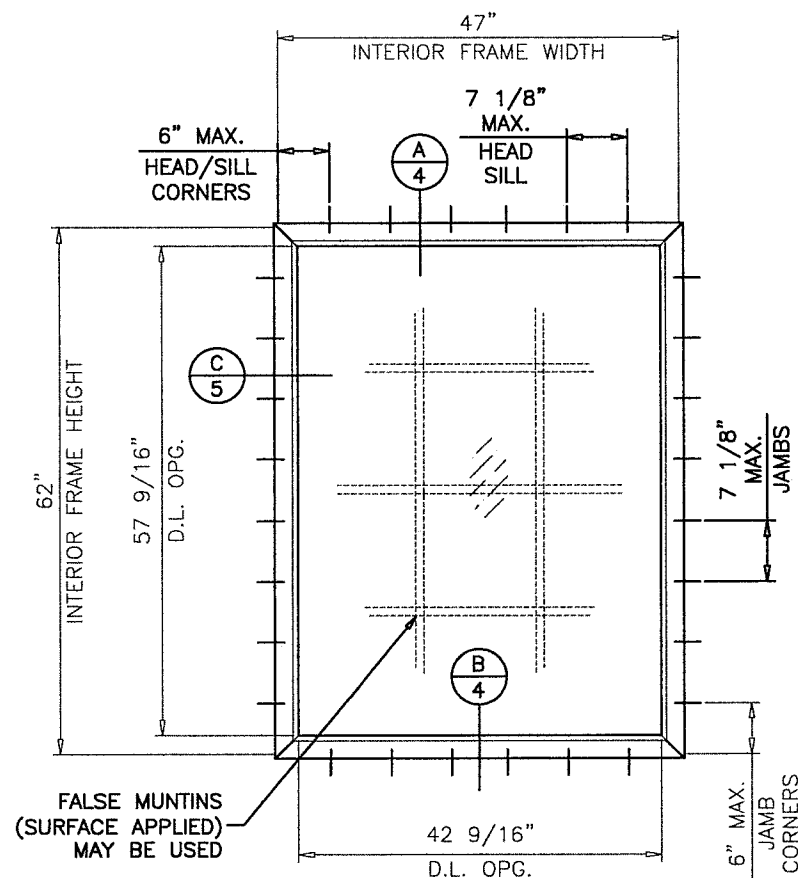
**F. STATEMENTS**

1. Statement letter of conformance, of complying with **FBC 6<sup>th</sup> Edition (2017)**, and **FBC 7<sup>th</sup> Edition (2020)** dated May 12, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest dated May 12, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
3. Notification of Successor Engineer for manufacturer's NOA document per **Section 61G15-27.001** of the **Florida Administrative Code**, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated May 12, 2020, signed and sealed by Anthony Lynn Miller, P.E.
4. Proposal No. **19-1155 TP** issued by the Product Control Section, dated January 10, 2020, signed by Ishaq Chanda, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **19-0102.07**, issued to CGI Windows and Doors, Inc. for their Series "Targa 7500" White PVC Fixed Window - L.M.I., approved on 02/14/19 and expiring on 02/20/24.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 20-0519.07  
Expiration Date: February 20, 2024  
Approval Date: September 24, 2020



**SERIES 'TARGA 7500' FLANGE FRAMES  
WHITE PVC FIXED WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED 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 BLDG. CODE & ADOPTED STANDARDS.

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

**FLUSH FRAMES  
FIN FRAMES  
TYPICAL ELEVATIONS**

**DAYLITE OPENINGS:**

DLO WIDTH = INTERIOR FRAME WIDTH - 4.4375"  
DLO HEIGHT = INTERIOR FRAME HEIGHT - 4.4375"

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

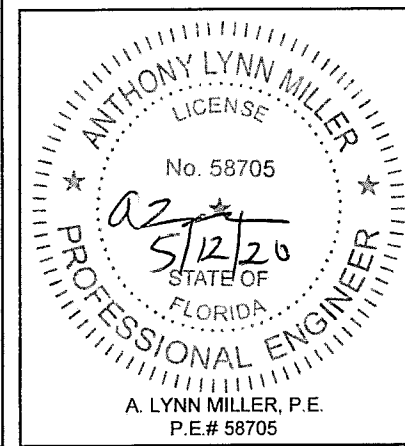
INDEX OF DRAWING	
SHEET NO.	DESCRIPTION
1	GENERAL NOTES, FLANGE, FLUSH & FIN FRAME ELEVS.
2 & 3	WINDOWS CAPACITY CHARTS
4	GLAZING DETAILS
5 & 6	FLANGE FRAME DETAILS
7	FLUSH FRAME DETAILS
8	FIN FRAME DETAILS
9	BILL OF MATERIALS, EXTRUSION DETAILS FRAME CORNER CONSTRUCTION DETAILS

**LAMINATED GLASS  
INSULATING LAMINATED GLASS  
LARGE & SMALL MISSILE IMPACT**

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **20-0519.07**  
Expiration Date: **02/20/2024**  
By: *Manuel Perez*  
Miami-Dade Product Control

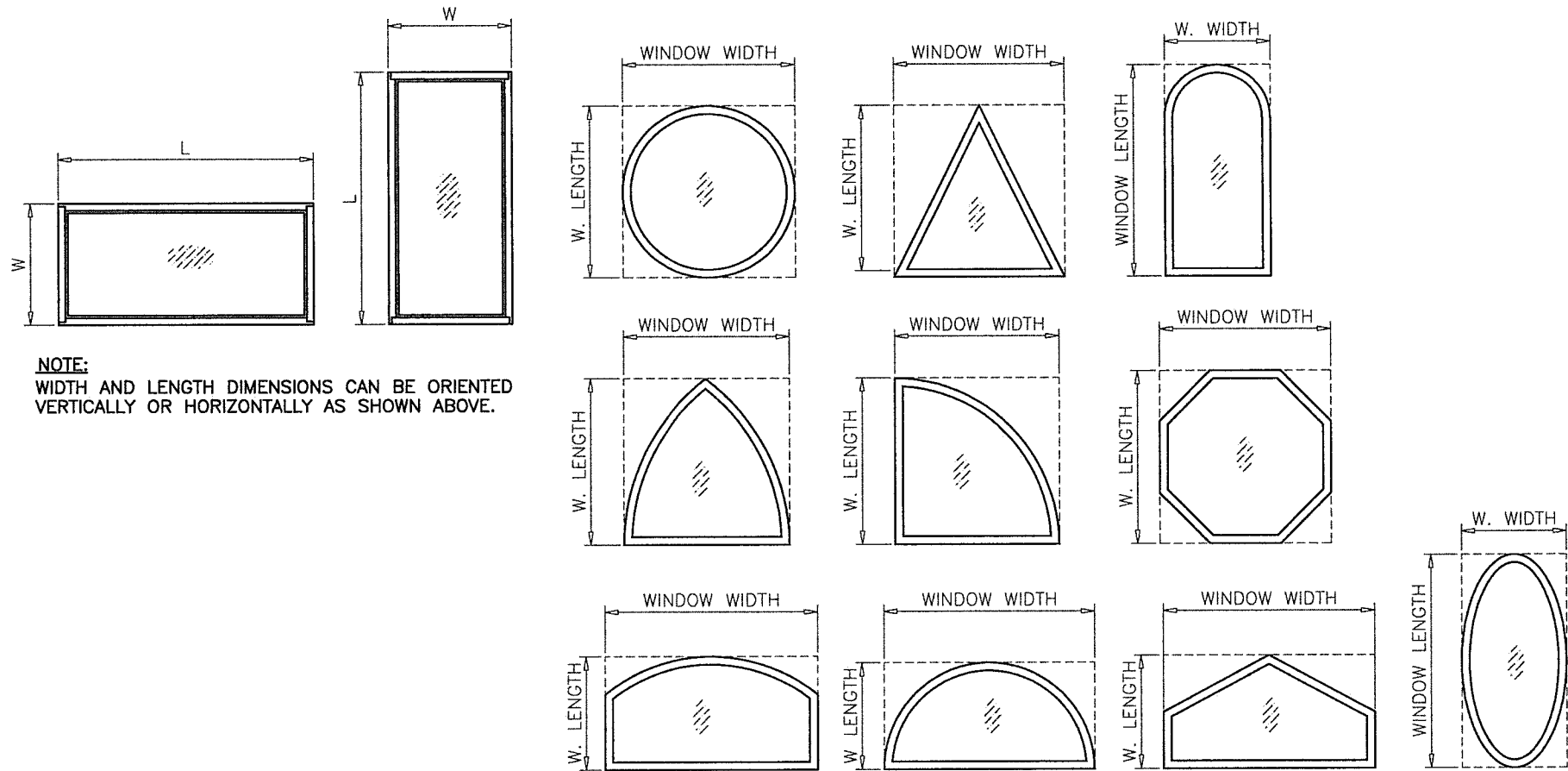
Revision: A) UPDATED TO FBC 2020.  
AK - 05/12/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	05/12/20
		By	AGK
Impact Resistant Windows & Doors WE'RE STRONGER™ CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ELEVATION, NOTES	Scale	NTS
		Sheet	1 OF 9
TARGA 7500 PVC FIXED WINDOW	PW7500	DWG No.	MD-PW7500
		Rev.	A



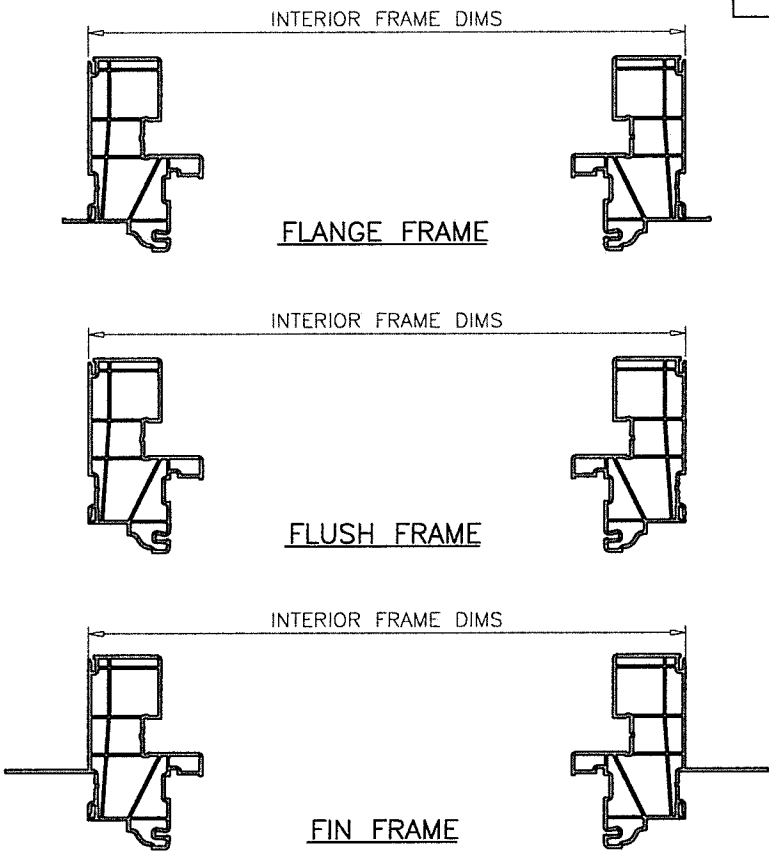


DESIGN LOAD CAPACITY - PSF							
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', & 'A1'		GLASS TYPES 'B', & 'B1'		GLASS TYPES 'C', & 'C1'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
18-1/8"	25"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
52-1/8"	50.0	50.0	80.0	80.0	-	-	
18-1/8"	37-3/8"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
52-1/8"	50.0	50.0	80.0	80.0	-	-	
18-1/8"	49-5/8"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
52-1/8"	50.0	50.0	75.8	75.8	-	-	
18-1/8"	58"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
52-1/8"	-	-	-	-	72.1	72.1	
18-1/8"	62"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
52-1/8"	-	-	-	-	72.1	72.1	
18-1/8"	73-1/4"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0
52-1/8"	-	-	-	-	72.1	72.1	
18-1/8"	75"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0
52-1/8"	-	-	-	-	72.1	72.1	



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

**ANCHOR SPACING AT GEOMETRIC SHAPES:**  
ALL ANCHORS ARE SPACED AT 6" FROM CORNERS/WELDED JOINT ENDS AND 7-1/8" O.C.



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

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **20-0519.07**  
Expiration Date: **02/20/2024**  
By: *Manuel Perez*  
Miami-Dade Product Control

Revision: A) NO CHANGES THIS SHEET.  
AK - 05/12/20

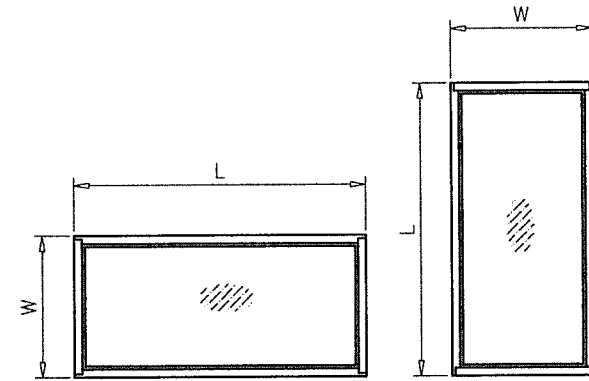
05/12/20	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	AGK	Rev.	A
			By		MD-PW7500	
Impact Resistant Windows & Doors WERE STRONGER™	CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ELEVATIONS	TARGA 7500 PVC FIXED WINDOW	No.	DWG	
				PW7500	Sheet	2 OF 9
		Series Desc: Title				

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
5/12/20  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

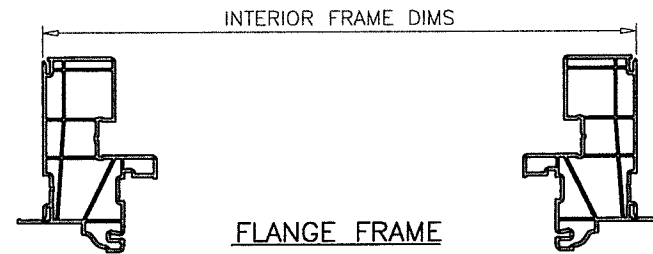
A. LYNN MILLER, P.E.  
P.E.# 58705

DESIGN LOAD CAPACITY - PSF							
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', & 'A1'		GLASS TYPES 'B', & 'B1'		GLASS TYPES 'C', & 'C1'	
WIDTH	LENGTH	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
23"	47"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
53"		50.0	50.0	80.0	80.0	-	-
59"		50.0	50.0	80.0	80.0	-	-
23"	53"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
53"		50.0	50.0	80.0	80.0	-	-
59"		-	-	-	-	70.9	70.9
23"	62"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
53"		-	-	-	-	70.9	70.9
59"		-	-	-	-	63.7	63.7
23"	65"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		-	-	-	-	75.0	75.0
53"		-	-	-	-	70.9	70.9
59"		-	-	-	-	63.7	63.7
23"	71"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		-	-	-	-	75.0	75.0
53"		-	-	-	-	70.9	70.9
59"		-	-	-	-	63.7	63.7
23"	77"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0
53"		-	-	-	-	70.9	70.9
59"		-	-	-	-	63.7	63.7
23"	83"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0
53"		-	-	-	-	70.9	70.9
59"		-	-	-	-	63.7	63.7
23"	89"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0

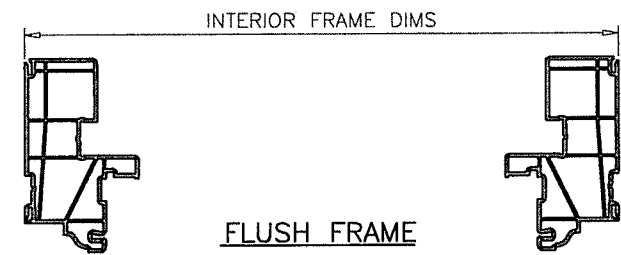
DESIGN LOAD CAPACITY - PSF							
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', & 'A1'		GLASS TYPES 'B', & 'B1'		GLASS TYPES 'C', & 'C1'	
WIDTH	LENGTH	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
23"	95"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0
23"	101"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
41"		-	-	-	-	75.0	75.0
23"	107"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
41"		-	-	-	-	75.0	75.0
23"	113"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0
23"	119"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0



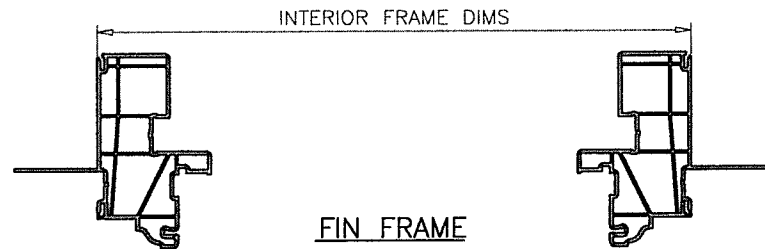
NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



FLANGE FRAME



FLUSH FRAME



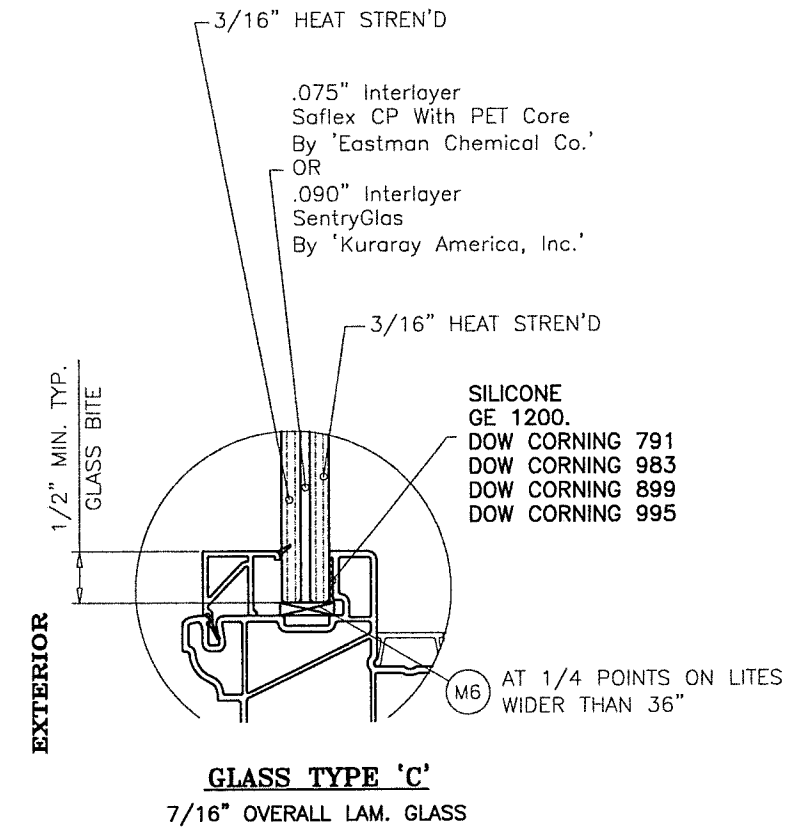
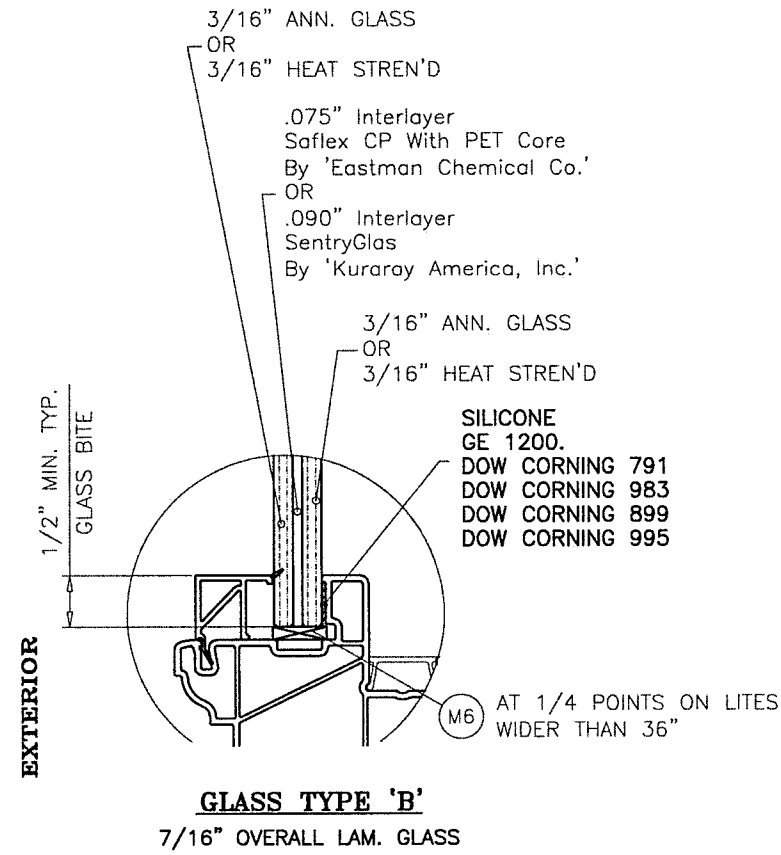
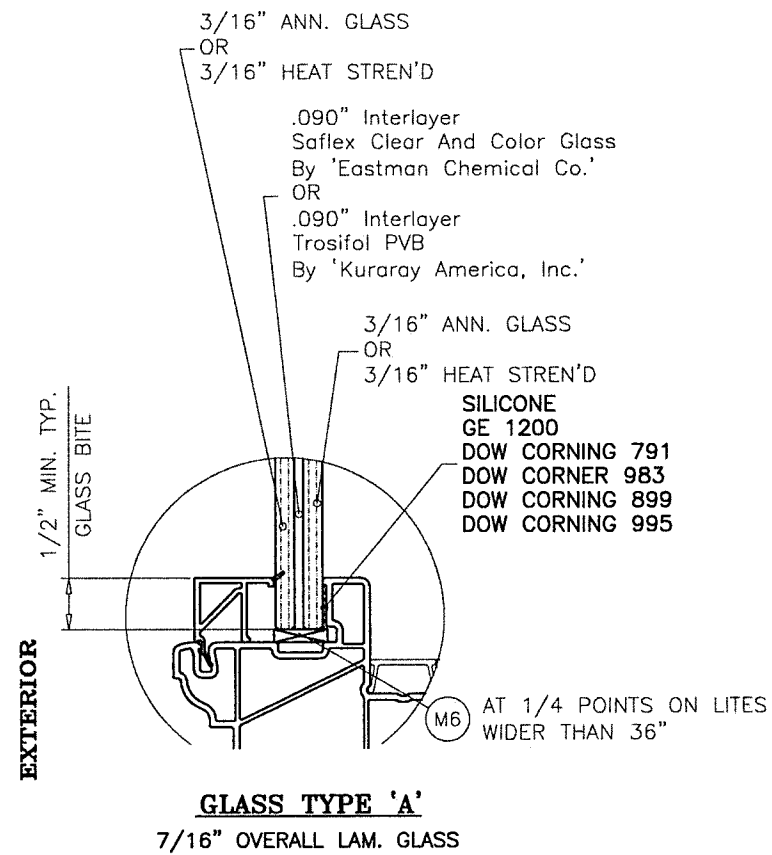
FIN FRAME

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **20-0519.07**  
Expiration Date: **02/20/2024**  
By: *Manuel Ferrer*  
Miami-Dade Product Control

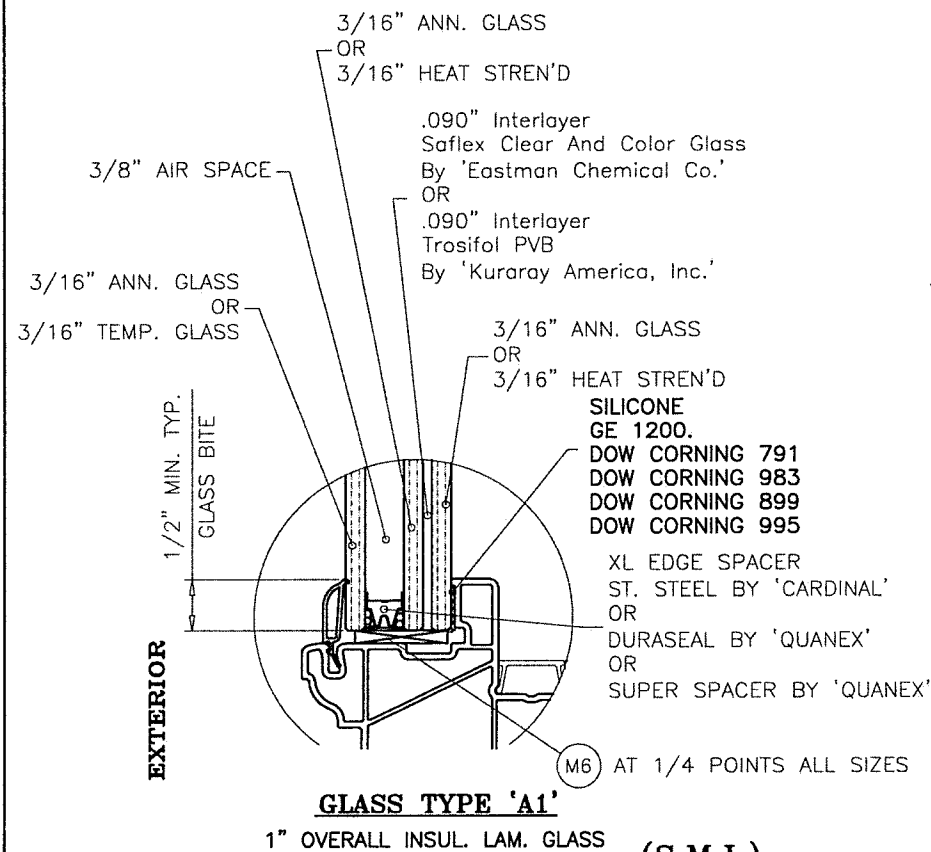
Revision: A) CHANGED PAGE NUMBER.  
AK - 05/12/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 Date: 05/12/20	Drawn By: AGK No. MD-PW7500	Rev. A	
			Impact Resistant Windows & Doors WE'RE STRONGER™ CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	BOM, EXTRUSIONS, CORNER DETAILS TARGA 7500 PVC FIXED WINDOW
			Scale: NTS Sheet: 3 OF 9	Series: PW7500
			Title: BOM, EXTRUSIONS, CORNER DETAILS Description: TARGA 7500 PVC FIXED WINDOW	

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
Q2  
5/12/20  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705

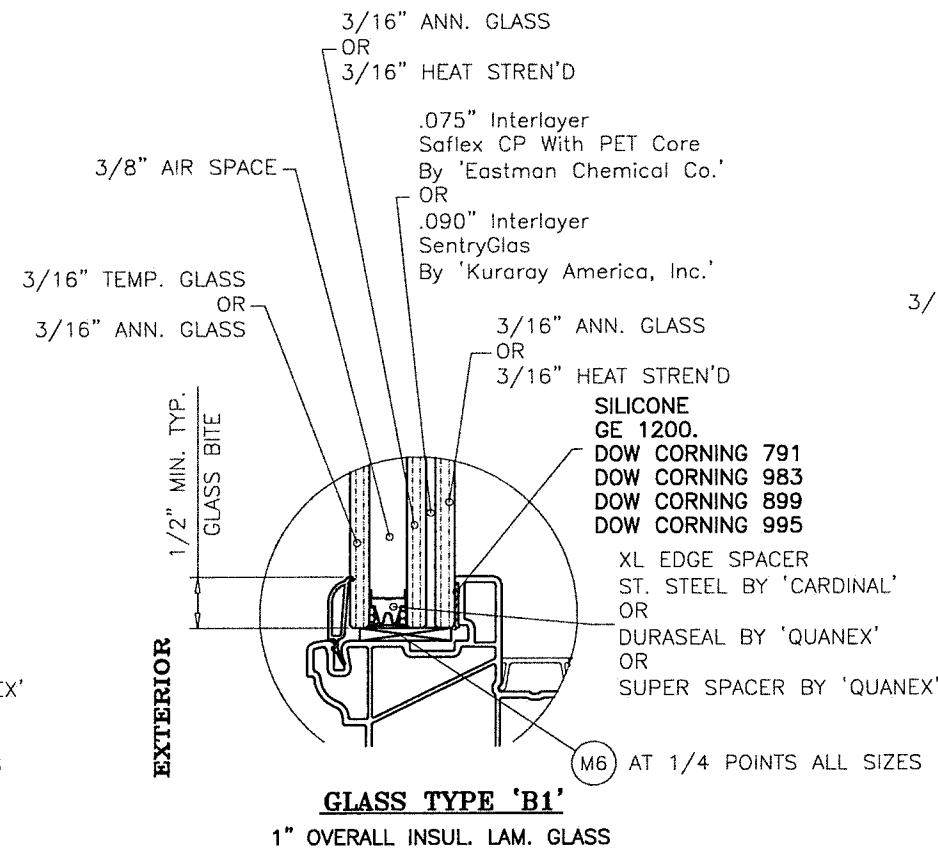


(L.M.I & S.M.I.)

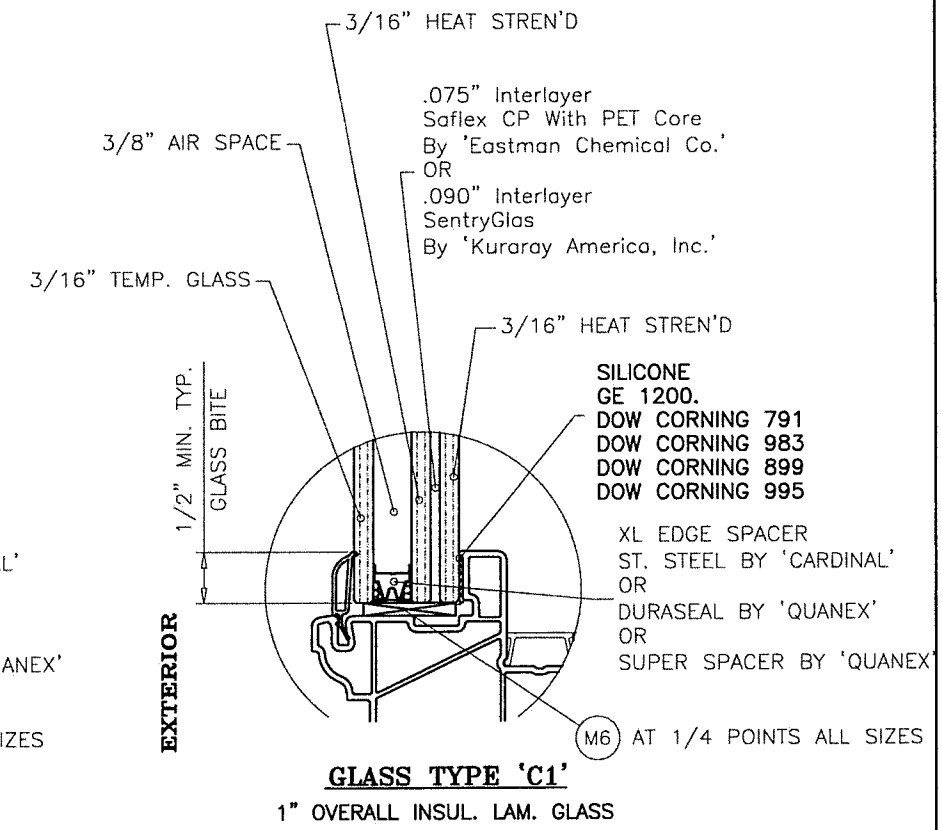


(S.M.I.)

IN ORDER TO QUALIFY FOR SMALL MISSILE IMPACT RATING  
EXTERIOR PLY OF GLASS TYPES 'A1' & 'B1' MUST BE TEMPERED.



(L.M.I ONLY)



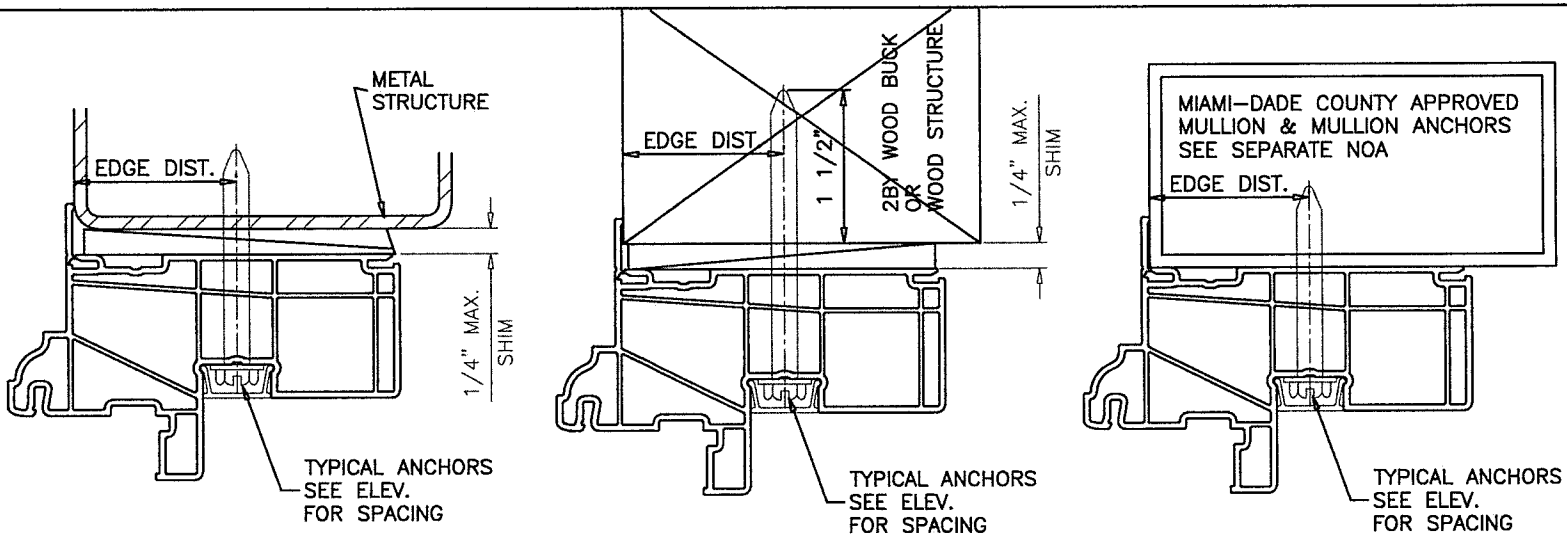
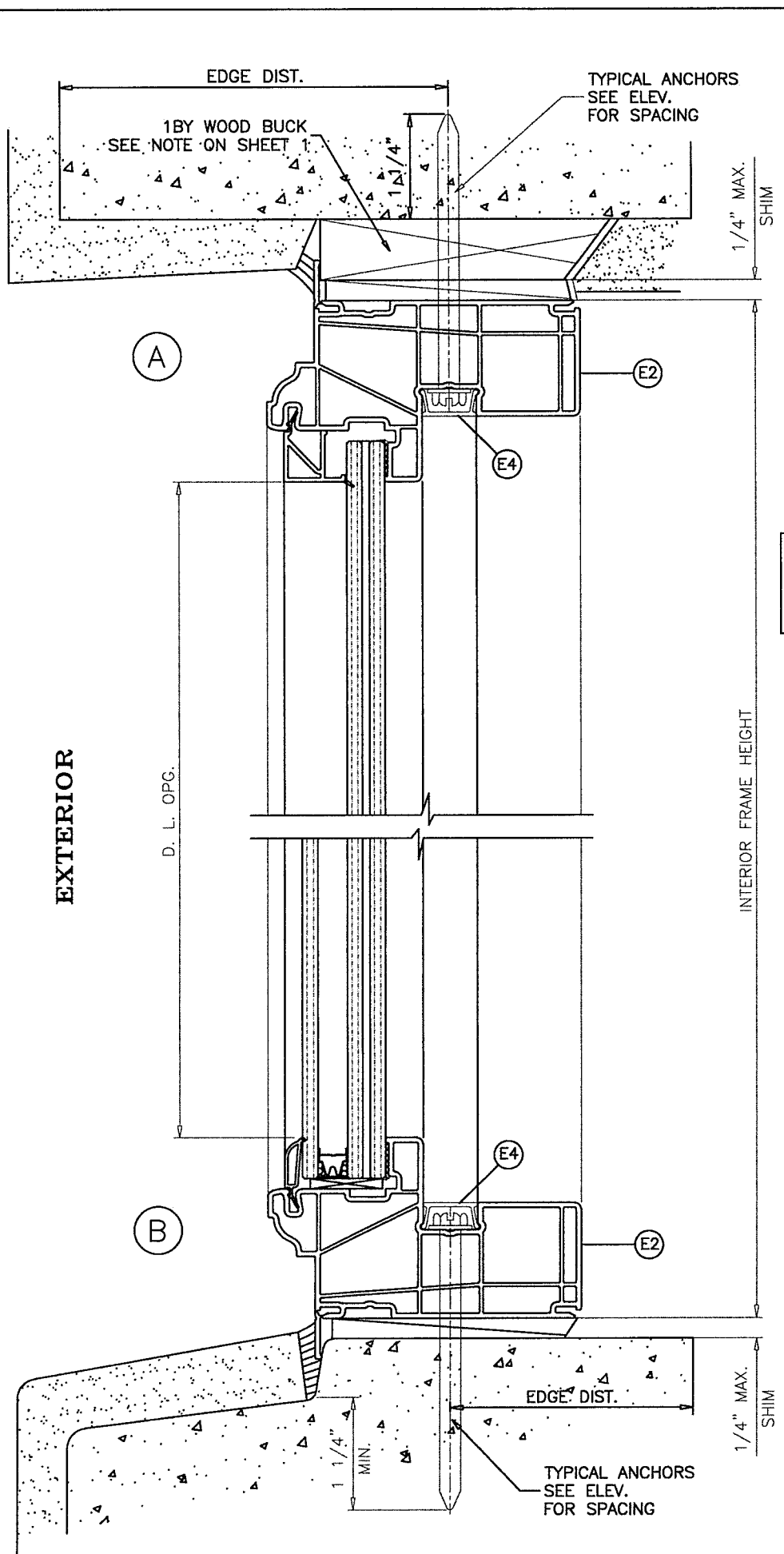
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **20-0519.07**  
Expiration Date: **02/20/2024**  
By: *Manuel Perez*  
Miami-Dade Product Control

Revision: A) ADDED BACKBEDDING,  
CHANGED PAGE NUMBER.  
AK - 05/12/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	05/12/20	Rev.	A
	GLASS, DESIGN PRESSURE TABLES	By	AGK	DWG No.	MD-PW7500
Impact Resistant Windows & Doors WE'RE STRONGER™ CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	TARGA 7500 PVC FIXED WINDOW	Scale	NTS	Sheet	4 OF 9
	PW7500	Series	Desc.	Title	

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
02/20  
5/12/20  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705

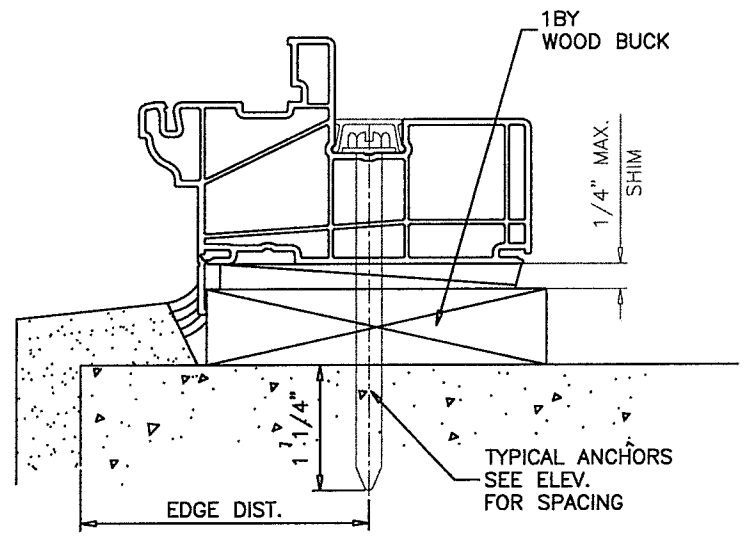




WOOD BUCKS AND METAL STRUCTURE NOT BY CGI WDW. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**SEALANTS:**  
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE SEALANT.

**FLANGE FRAMES**



**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. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
- 1/4" DIA. AGGRE-GATOR BY 'ELCO/DEWALT' (Fu=95 KSI, Fy=57 KSI)

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

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

DIRECTLY INTO CONC. OR BLOCKS  
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)  
1-1/4" MIN. EMBED INTO BLOCK (JAMBS)

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

INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR INTO METAL STRUCTURES  
(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)

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

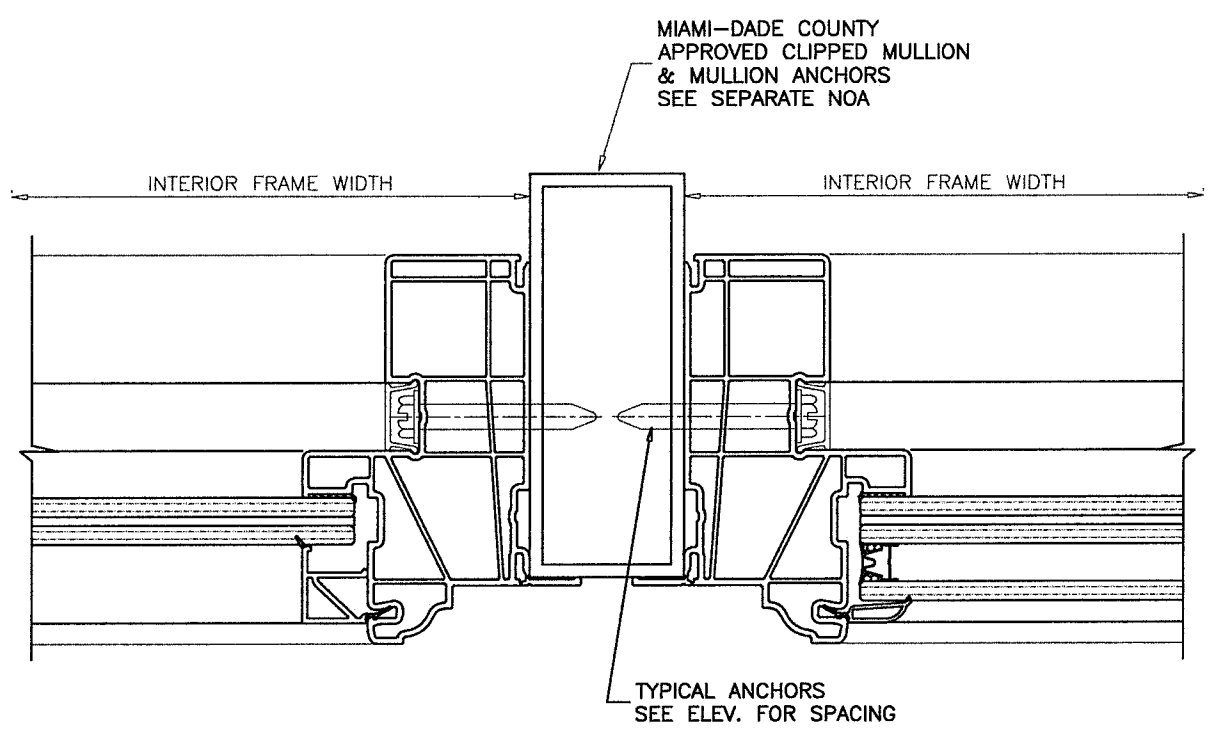
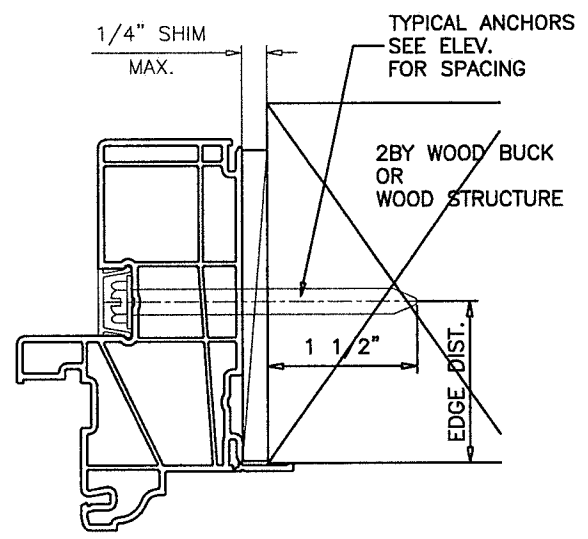
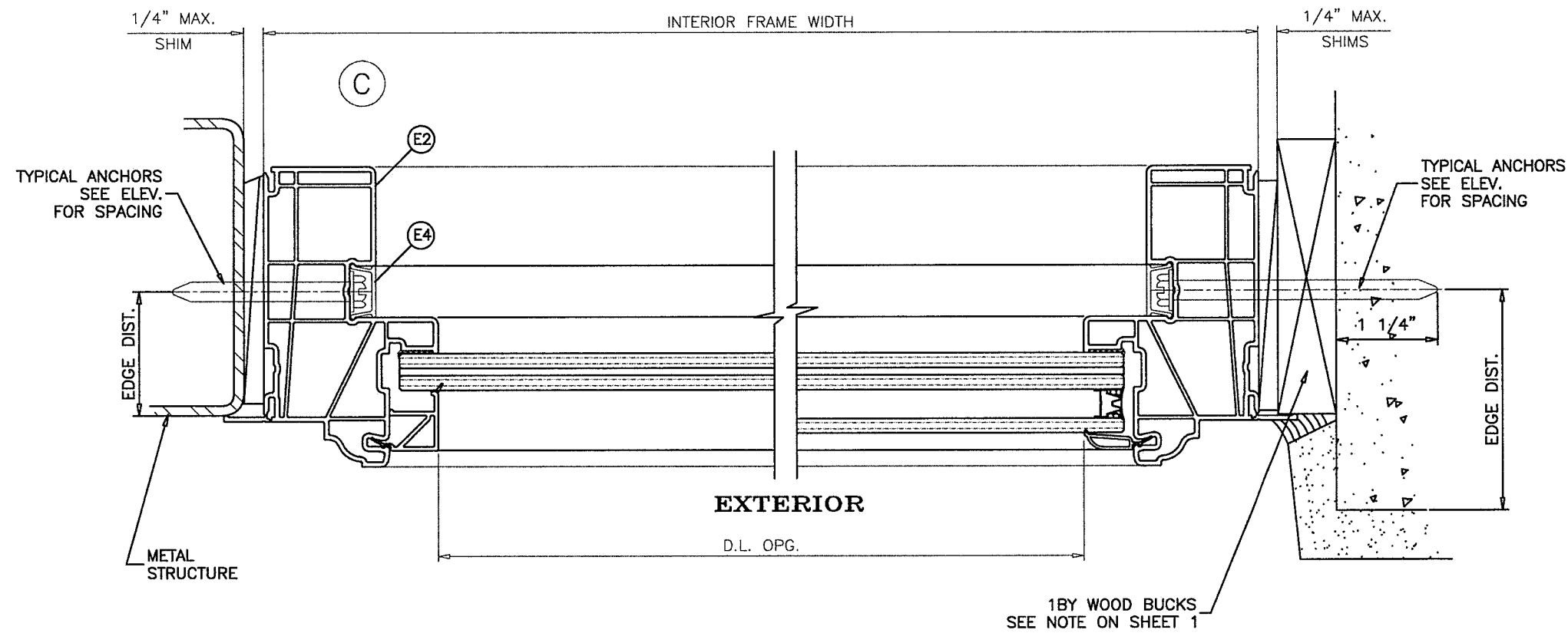
WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.  
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **20-0519.07**  
Expiration Date: **02/20/2024**  
By: *Manuel Perez*  
Miami-Dade Product Control

Revision: A) ADDED ULTRACON+, CHANGED PAGE NUMBER. AK - 05/12/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	DATE	05/12/20	REV	A
	DESIGN PRESSURE TABLES	DRAWN BY	AGK	DWG NO.	MD-PW7500
<b>Impact Resistant Windows &amp; Doors</b> <b>WERE STRONGER™</b> CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	SHEET	NTS	5 OF 9	SERIES	PW7500
TARGA 7500 PVC FIXED WINDOW	SCALE			TITLE	

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
*05/22/20*  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705



**FLANGE FRAMES**

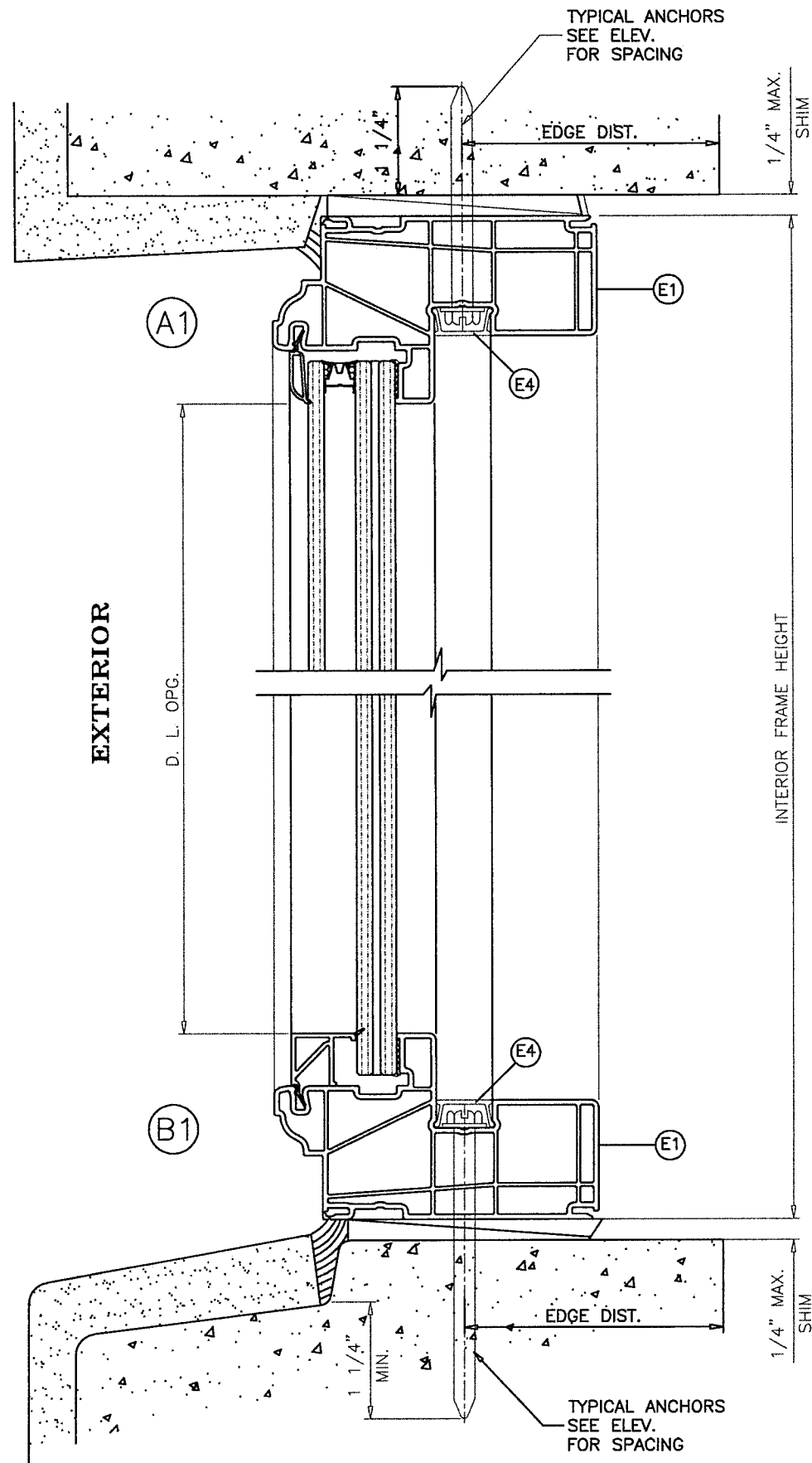
**PRODUCT REVISED**  
 as complying with the Florida Building Code  
**NOA-No. 20-0519.07**  
**Expiration Date: 02/20/2024**  
 By: *Manuel Perez*  
 Miami-Dade Product Control

Revision: A) CHANGED PAGE NUMBER.  
 AK - 05/12/20

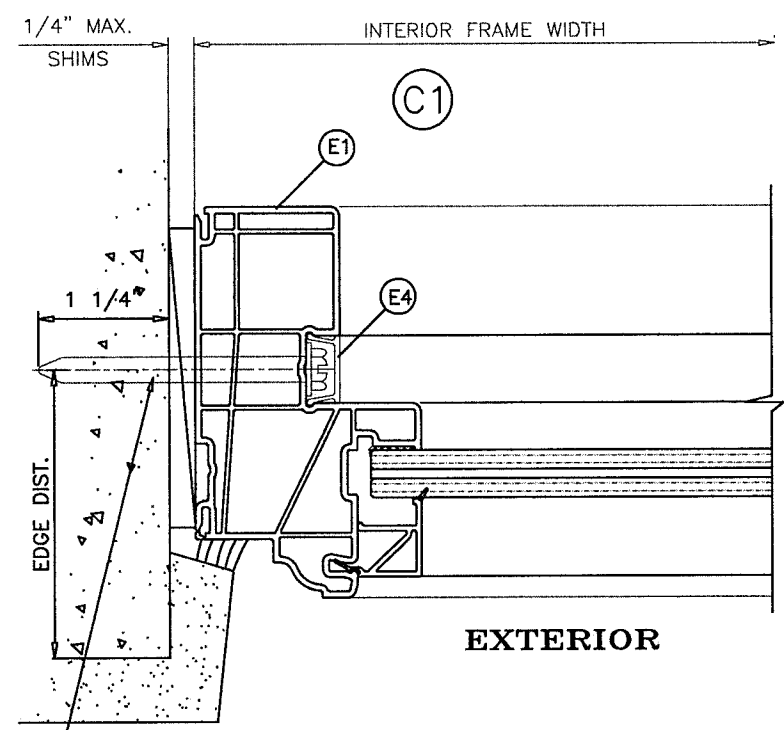
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	05/12/20	Rev	A
	DATE	DATE	NO.	MD-PW7500
<b>Impact Resistant Windows &amp; Doors</b> <b>WERE STRONGER™</b> CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	DESIGN PRESSURE TABLES	TARGA 7500 PVC FIXED WINDOW	6 OF 9	6 OF 9
	Scale	Series	Sheet	Sheet
PW7500	NTS	AGK	DWG	MD-PW7500

ANTHONY LYNN MILLER  
 LICENSE  
 No. 58705  
 5/12/20  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 A. LYNN MILLER, P.E.  
 P.E.# 58705

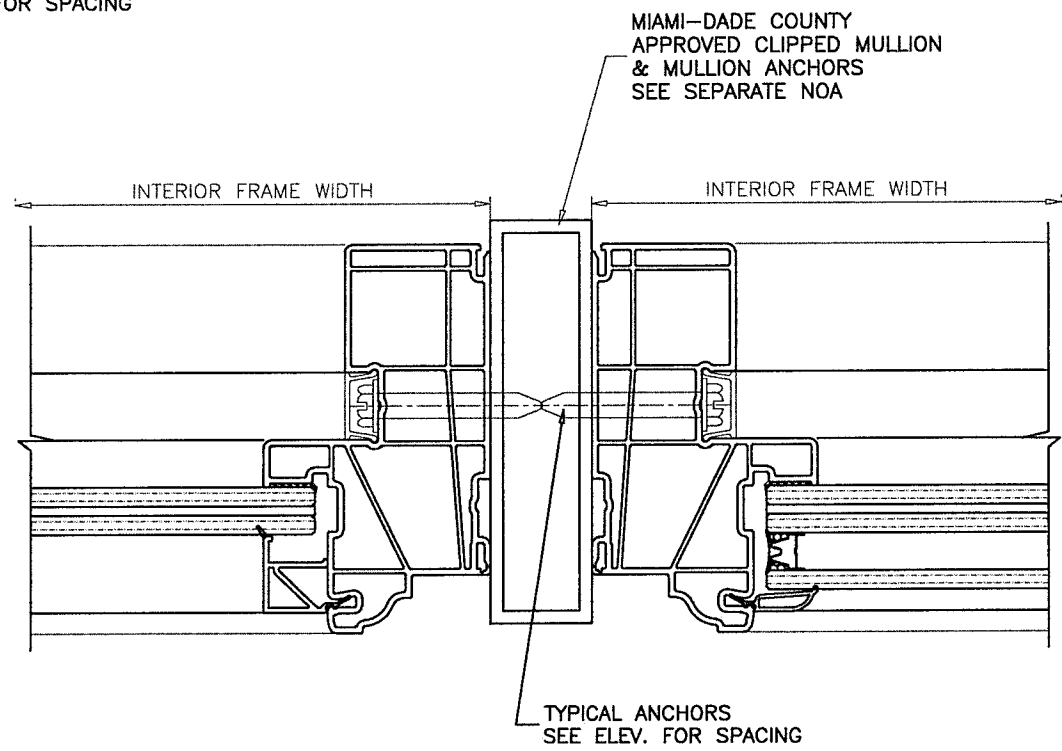




FLANGE AND FLUSH FRAMES CAN BE USED AT ALL ANCHORAGE CONDITIONS.



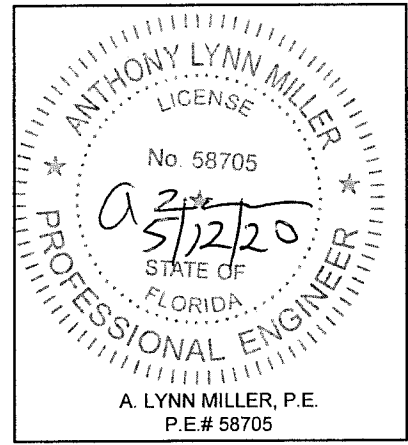
FLUSH FRAMES



**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 NOA-No. **20-0519.07**  
 Expiration Date: **02/20/2024**  
 By: *Manuel Ferrer*  
 Miami-Dade Product Control

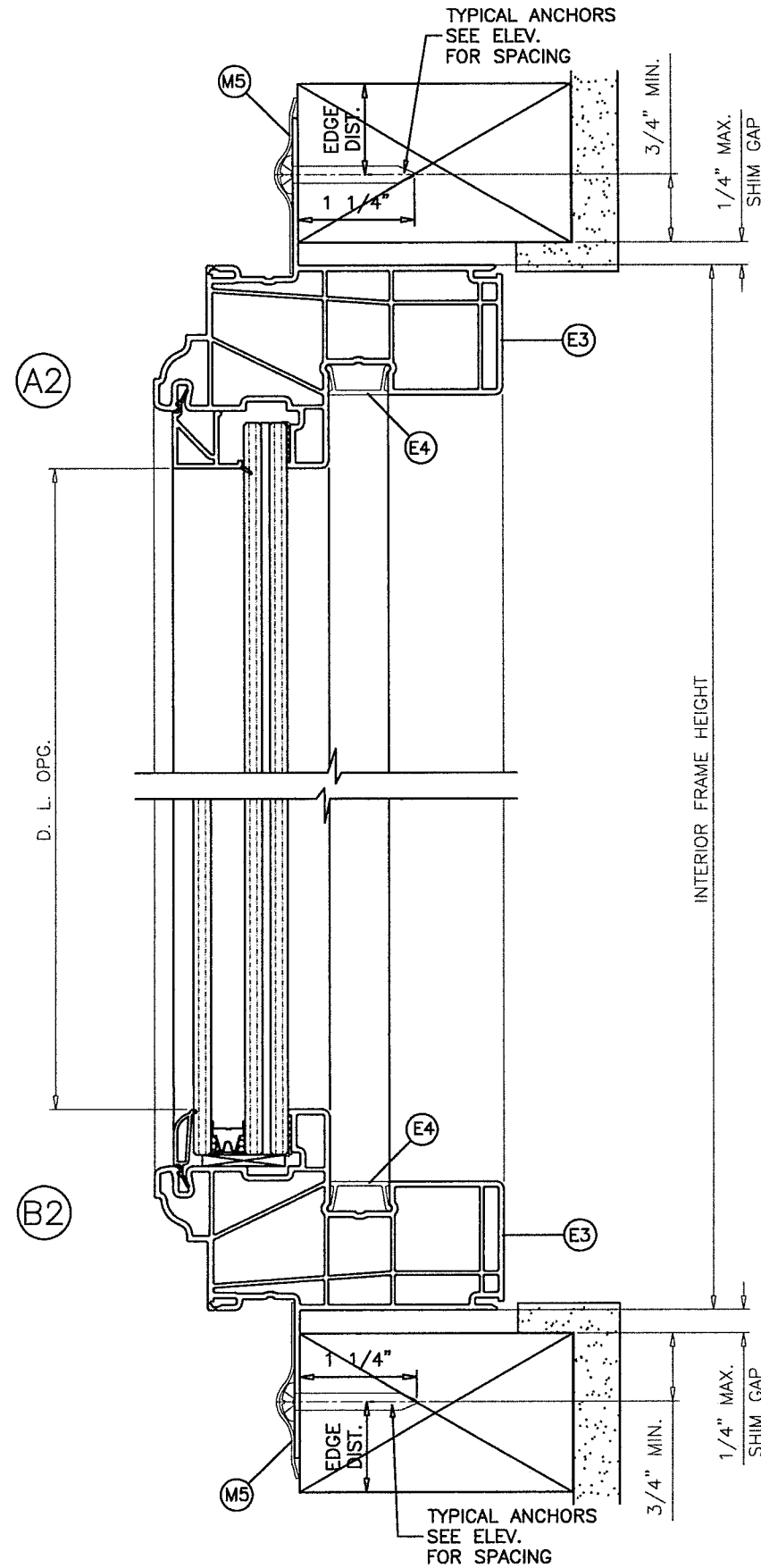
Revisions:  
 A) CHANGED PAGE NUMBER.  
 AK - 05/12/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	05/12/20	Rev.	A
	CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	INSTALLATION DETAILS	By	MD-PW7500	
Impact Resistant Windows & Doors <b>WERE STRONGER™</b>	TARGA 7500 PVC FIXED WINDOW	DWG No.	AGK	Sheet	7 OF 9
	PW7500	Scale	NTS		
Series Desc. Title					



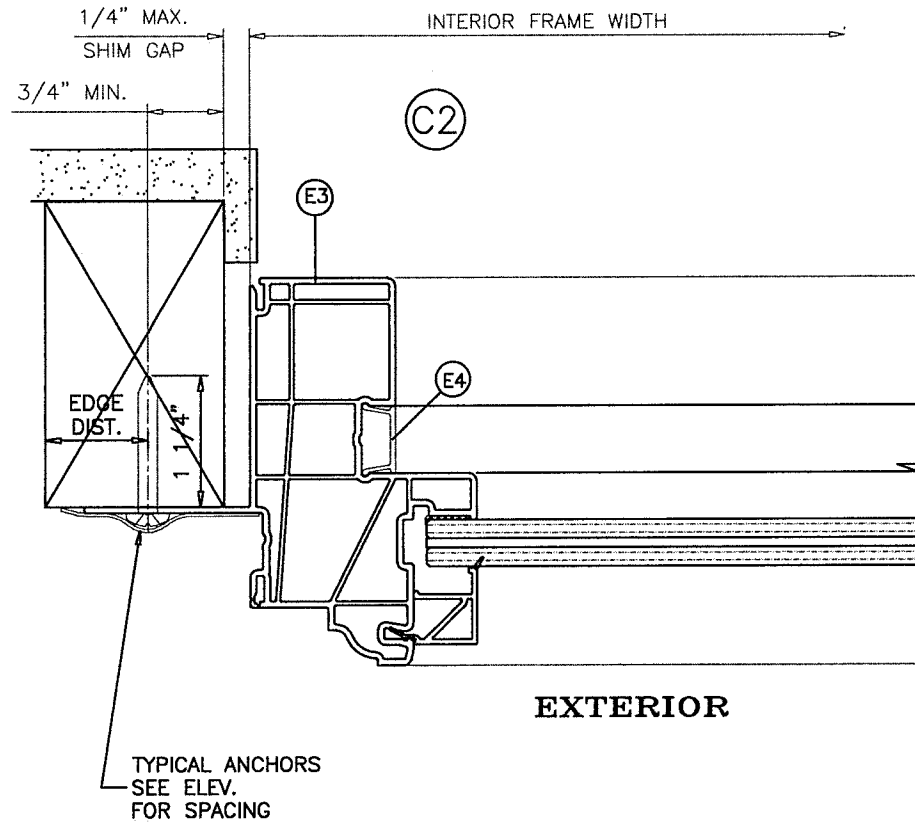
A. LYNN MILLER, P.E.  
 P.E.# 58705

EXTERIOR



**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

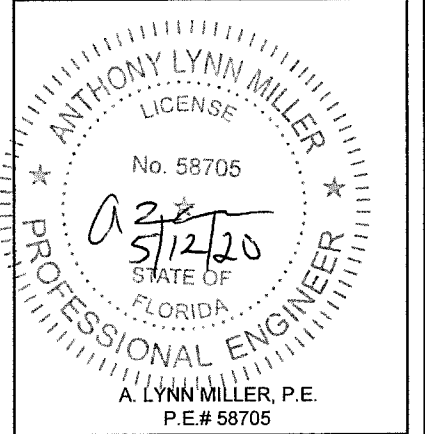


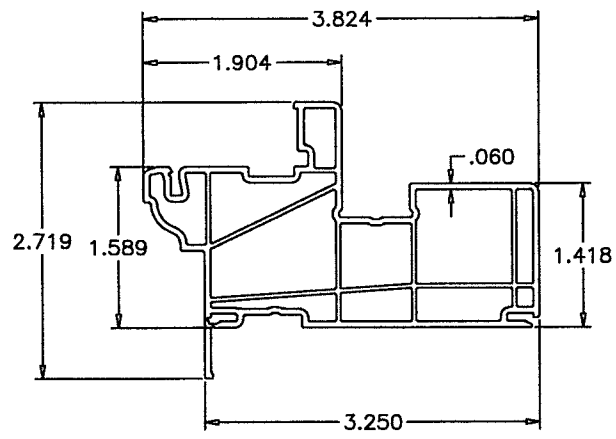
FIN FRAMES

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **20-0519.07**  
Expiration Date: **02/20/2024**  
By: *Manuel Perez*  
Miami-Dade Product Control

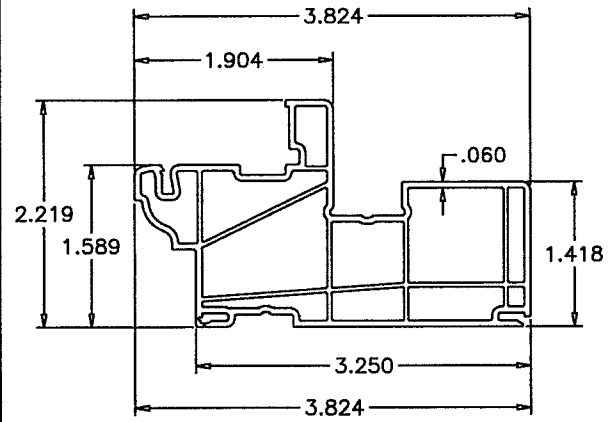
Revisions:  
A) CHANGED PAGE NUMBER.  
AK - 05/12/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	05/12/20					
	INSTALLATION DETAILS						
	TARGA 7500 PVC FIXED WINDOW	AGK					
Impact Resistant Windows & Doors WE'RE STRONGER™ CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	PW7500	NTS	8 OF 9	DWG No.	MD-PW7500	Rev.	A

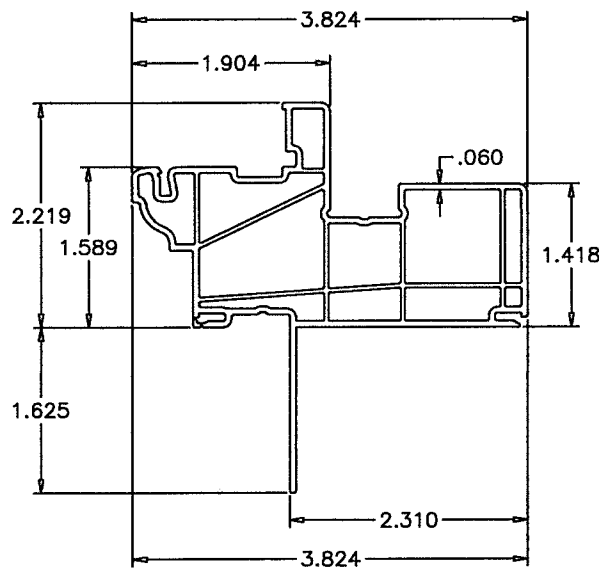




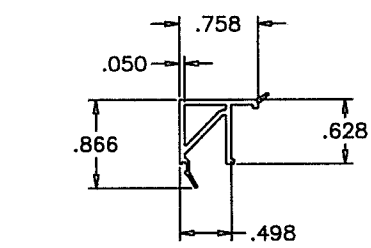
(E1) FLANGE FRAME



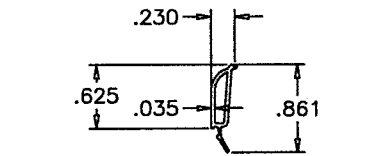
(E2) FLUSH FRAME



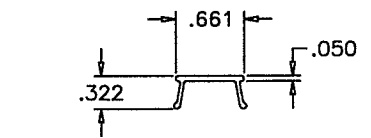
(E3) FIN FRAME



(E6) GLAZING BEAD (LAM. GLASS)



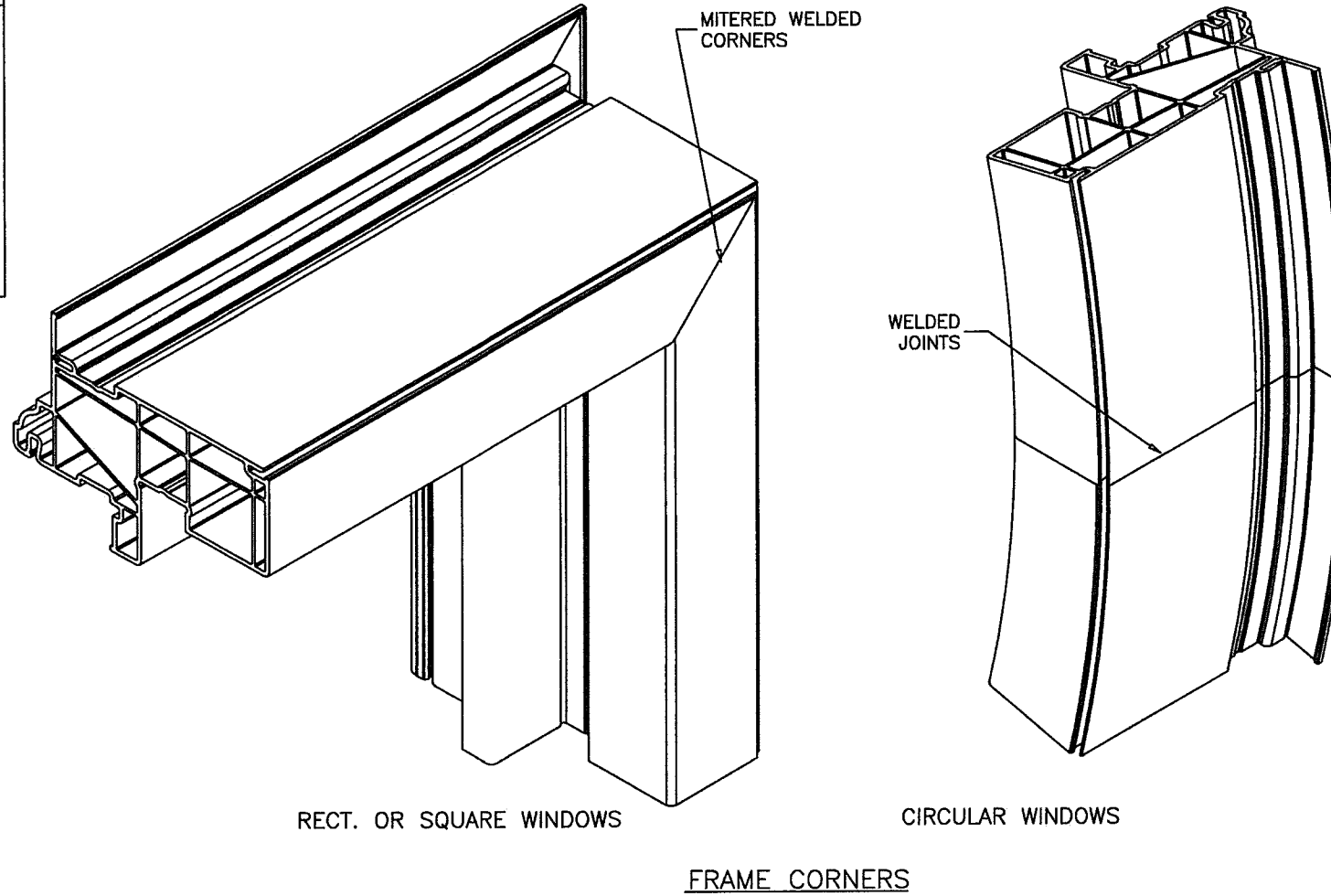
(E5) GLAZING BEAD (INSUL. LAM. GLASS)



(E4) SCREW COVER

CODE	PART No.	DESCRIPTION	MATERIAL	MANUF.	REMARKS
E1	CGI-1000	EQUAL LEG FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E2	CGI-1013	FLANGE FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E3	CGI-1018	FIN FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E4	CGI-1003	SCREW COVER	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.	
M1	SCS 1200	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	GENERAL ELECTIC	
	DOW 791	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
	DOW 983	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
	DOW 995	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
	DOW 899	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
M5		PROTECTO WRAP WATERPROOFING OR EQUIV.			AT FIN FRAME
M6	-	SETTING BLOCKS	EPDM	-	DUROMETER 85±5

WHITE PVC EXTRUSIONS TO BE LABELED WITH AAMA EXTRUDER CODE, EXTRUDER NAME, CITY, STATE AND 'MDCA'.



**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 NOA-No. **20-0519.07**  
 Expiration Date: **02/20/2024**  
 By: *Manuel Perez*  
 Miami-Dade Product Control

Revision: A) ADDED BACKBEDDING, CHANGED PAGE NUMBER.  
 AK - 05/12/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 Date: 05/12/20	Rev. A
	ANCHOR TABLES TARGA 7500 PVC FIXED WINDOW	Drawn By: MD-PW7500 DWG No.: 9 OF 9 Scale: NTS
<b>Impact Resistant Windows &amp; Doors</b> WE'RE STRONGER™ CGI DOORS AND WINDOWS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	Series: PW7500 Desc: TARGA 7500 PVC FIXED WINDOW	Sheet: 9 OF 9

ANTHONY LYNN MILLER  
 LICENSE  
 No. 58705  
*02/20*  
 5/12/20  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 A. LYNN MILLER, P.E.  
 P.E.# 58705