



**MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

CGI Windows and Doors, LLC

3780 W 104th 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 "Sentinel 120" Aluminum Horizontal Sliding Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **HR120LM-NOA**, titled "120 Alum. Horizontal Sliding Window (LM)", sheets 1 through 14 of 14, dated 05/09/20, with revision **C** dated 08/07/25, 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.

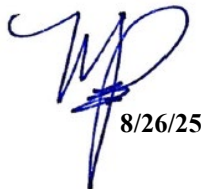
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 and renews** NOA No. **23-0911.05** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

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




8/26/25

NOA No. 25-0812.08

Expiration Date: September 22, 2030

Approval Date: September 04, 2025

Page 1

CGI Windows and Doors, LLC

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. 10-0510.12 and 15-0512.05)
2. Drawing No **HR120LM-NOA**, titled "120 Alum. Horizontal Sliding Window (LM)", sheets 1 through 14 of 14, dated 05/29/20, with revision **B** dated 08/24/23, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 23-0911.05)

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.
(Submitted under NOA No. 20-0610.03)


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0812.08
Expiration Date: September 22, 2030
Approval Date: September 04, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

B. TESTS (CONTINUED)

- 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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
5) Large Missile Impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series Sentinel 120 aluminum horizontal sliding window, prepared by Certified Test Laboratories, Test Report No. **CTLA-3062W**, dated 07/07/15, signed and sealed by Ramesh C. Patel, P.E.
(Submitted under NOA No. 15-0512.05)
- 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 to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, Test Report No. **CTLA-3056 WA** - Series 7500 PVC fixed window, dated 03/03/15, Test Report No. **CTLA-3056 WB** - Series 7400 PVC project out window, dated 03/03/15 and Test Report No. **CTLA-3056 WC** - Series 238 aluminum fixed window, dated 04/16/15, prepared by Certified Test Laboratories, all signed and sealed by Ramesh C. Patel, P.E.
(Submitted under NOA No. 15-0512.05)
- 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) Small 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 a series "Sentinel" aluminum horizontal sliding window, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0080-0102-10**, dated 06/04/10, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under NOA No. 10-0510.12)


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0812.08
Expiration Date: September 22, 2030
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CGI Windows and Doors, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 7th Edition (2020), dated 03/26/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 20-0610.03)
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. **23-0717.26** issued to **Kuraray America, Inc.** for their "**Kuraray SentryGlas® Xtra™ (SGX™) Clear Glass Interlayer**" dated 08/24/23, expiring on 05/23/29.
2. Notice of Acceptance No. **23-0717.28** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 08/24/23, expiring on 07/08/24.
3. Notice of Acceptance No. **23-0713.21** issued to **Eastman Chemical Company (MA)** for their "**Saflex® Storm - Saflex® and Saflex® HP Composite Interlayers with PET Core Laminated Glass**" dated 08/17/23, expiring on 12/11/28.
4. Notice of Acceptance No. **23-0713.18** issued to **Eastman Chemical Company (MA)** for their "**Saflex® PVB Clear and Colored Interlayers for Laminated Glass**" dated 08/17/23, expiring on 05/21/26.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and the **FBC 8th Edition (2023)**, dated September 07, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 23-0911.05)
2. Statement letter of no financial interest, dated September 07, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 23-0911.05)

G. OTHERS

1. Notice of Acceptance No. **20-0610.03**, issued to CGI Windows & Doors, Inc. for their Series "Sentinel 120" Aluminum Horizontal Sliding Window - L.M.I., approved on 09/10/20 and expiring on 09/22/25.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0812.08
Expiration Date: September 22, 2030
Approval Date: September 04, 2025

CGI Windows and Doors, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **HR120LM-NOA** titled “120 Alum. Horizontal Sliding Window (LM)”, sheets 1 through 14 of 14, dated 05/29/20, with revision **C** dated 08/07/25, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

1. None.

C. CALCULATIONS

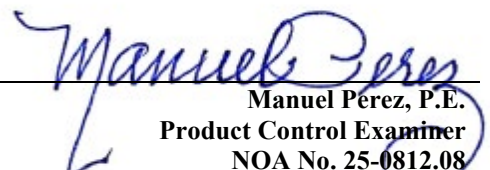
1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 08/31/23, expiring on 07/04/28.
2. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 03/21/24, expiring on 07/08/29.
3. Notice of Acceptance No. **24-0312.10** issued to **Eastman Chemical Company (MA)** for their “**Saflex® Storm - Saflex® and Saflex® HP Composite Interlayers with PET Core Laminated Glass**” dated 04/11/24, expiring on 12/11/28.
4. Notice of Acceptance No. **23-0713.18** issued to **Eastman Chemical Company (MA)** for their “**Saflex® PVB Clear and Colored Interlayers for Laminated Glass**” dated 08/17/23, expiring on 05/21/26.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0812.08

Expiration Date: September 22, 2030
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CGI Windows and Doors, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED (CONTINUED)

F. STATEMENTS

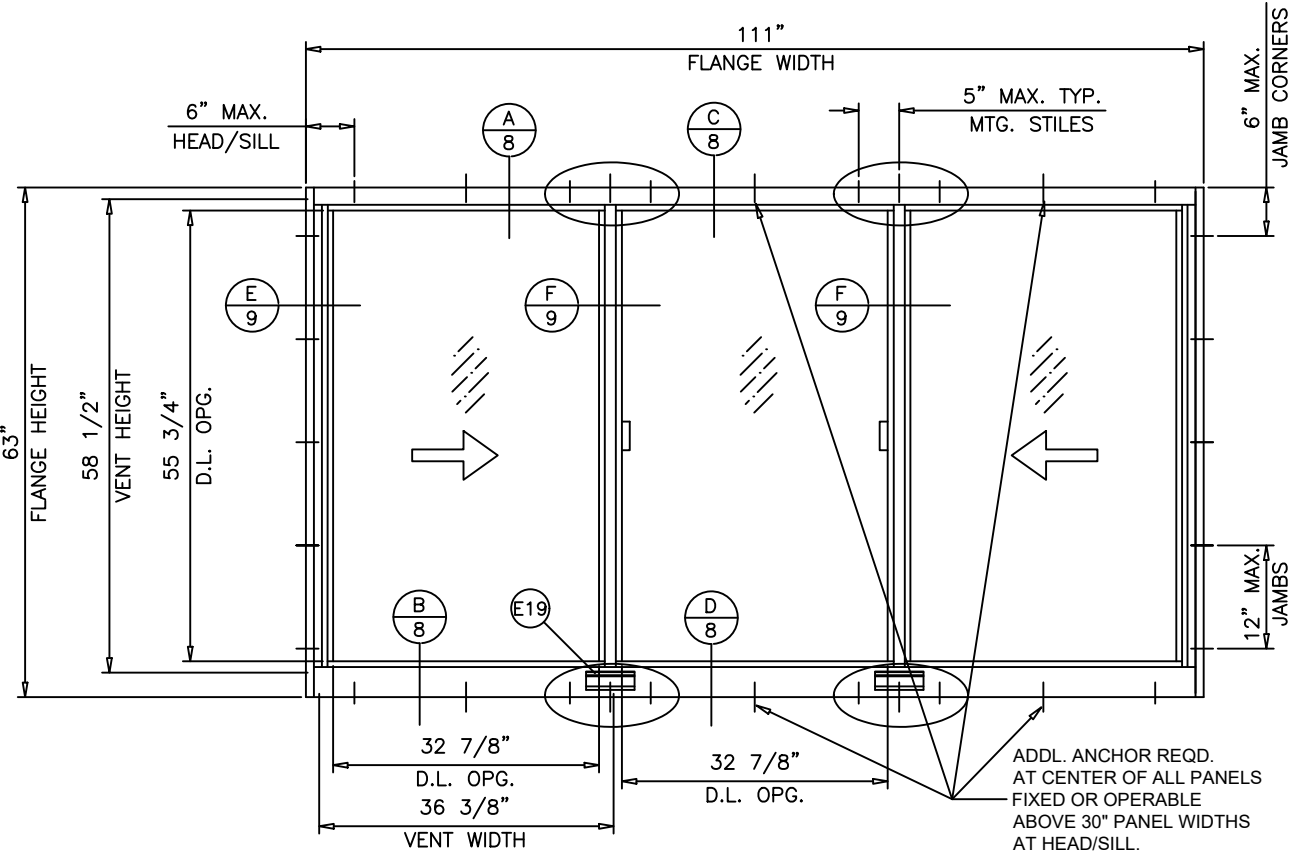
1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated August 07, 2025, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest, dated August 07, 2025, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
3. Article of conversion of PGT Industries, Inc. to PGT Industries, LLC pdf provided on Certificate of Conversion dated March 28, 2024, issued by the State of Delaware, CGI Windows and Doors, LLC formation from CGI Windows and Doors, Inc. signed by Mathew D. Sotto.
4. Florida Department of State, Division of Corporation listing # M240000058609 of CGI Windows and Doors, LLC as active status since 07/08/24.
5. Florida Department of State, Division of Corporation listing # F03387 of PGT Industries, Inc as Inactive status, from 07/08/24.
6. CGI Name change organization chart layout prepared by RER (for file use only).

G. OTHERS

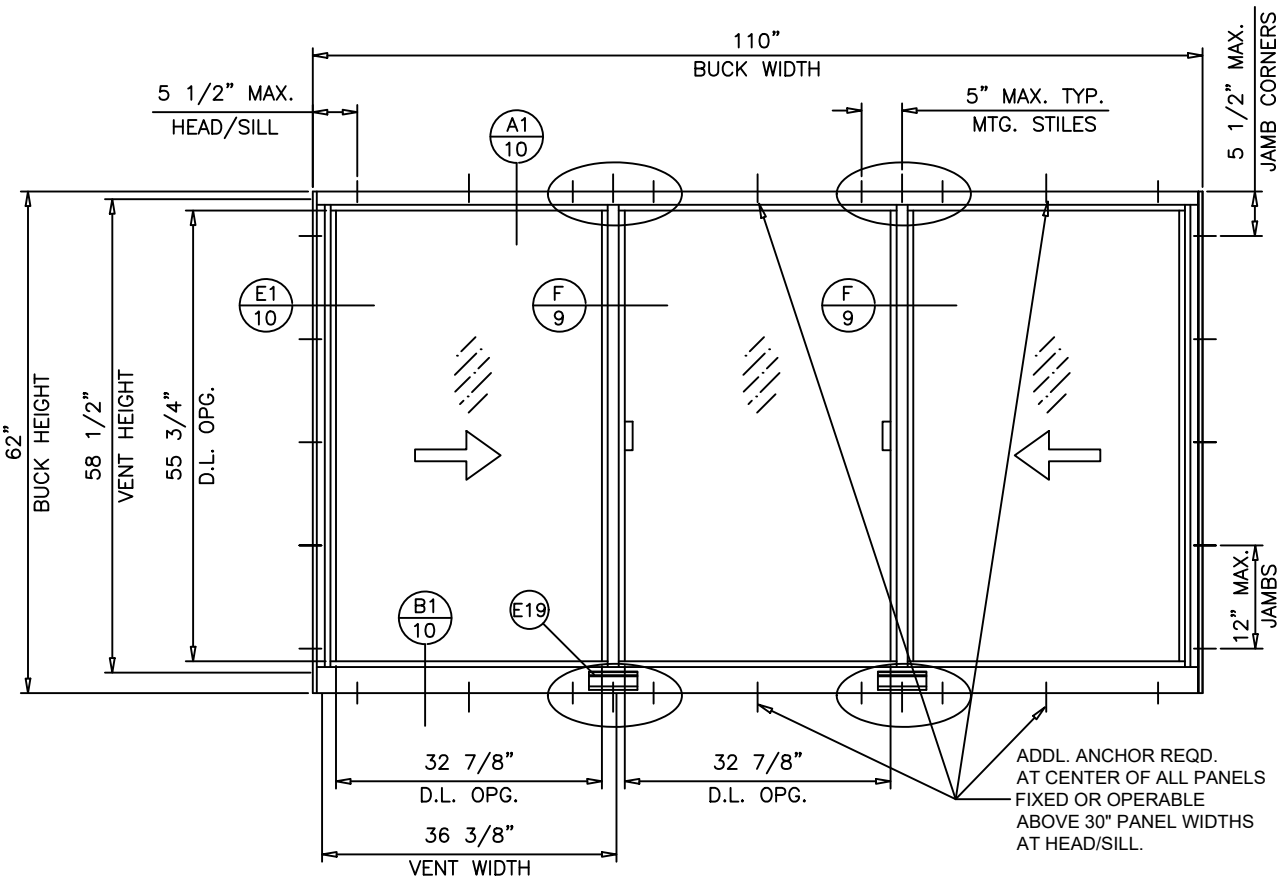
1. Notice of Acceptance No. **23-0911.05**, issued to CGI Windows & Doors, Inc. for their Series "Sentinel 120" Aluminum Horizontal Sliding Window - L.M.I., approved on 10/26/23 and expiring on 09/22/25.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0812.08
Expiration Date: September 22, 2030
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TYPICAL ELEVATION, 1/3-1/3-1/3 XOX CONFIGURATION



FLANGE & FLANGE ADAPTOR FRAME



EQUAL LEG FRAME

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

LAMINATED GLASS
INSULATING LAM. GLASS
LARGE MISSILE IMPACT
SMALL MISSILE IMPACT

SERIES `SENTINEL 120`

ALUMINUM HORIZONTAL ROLLER WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 3-6.

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 2023 (8TH 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. ALL ANCHOR HEAD TYPES ARE ACCEPTABLE.

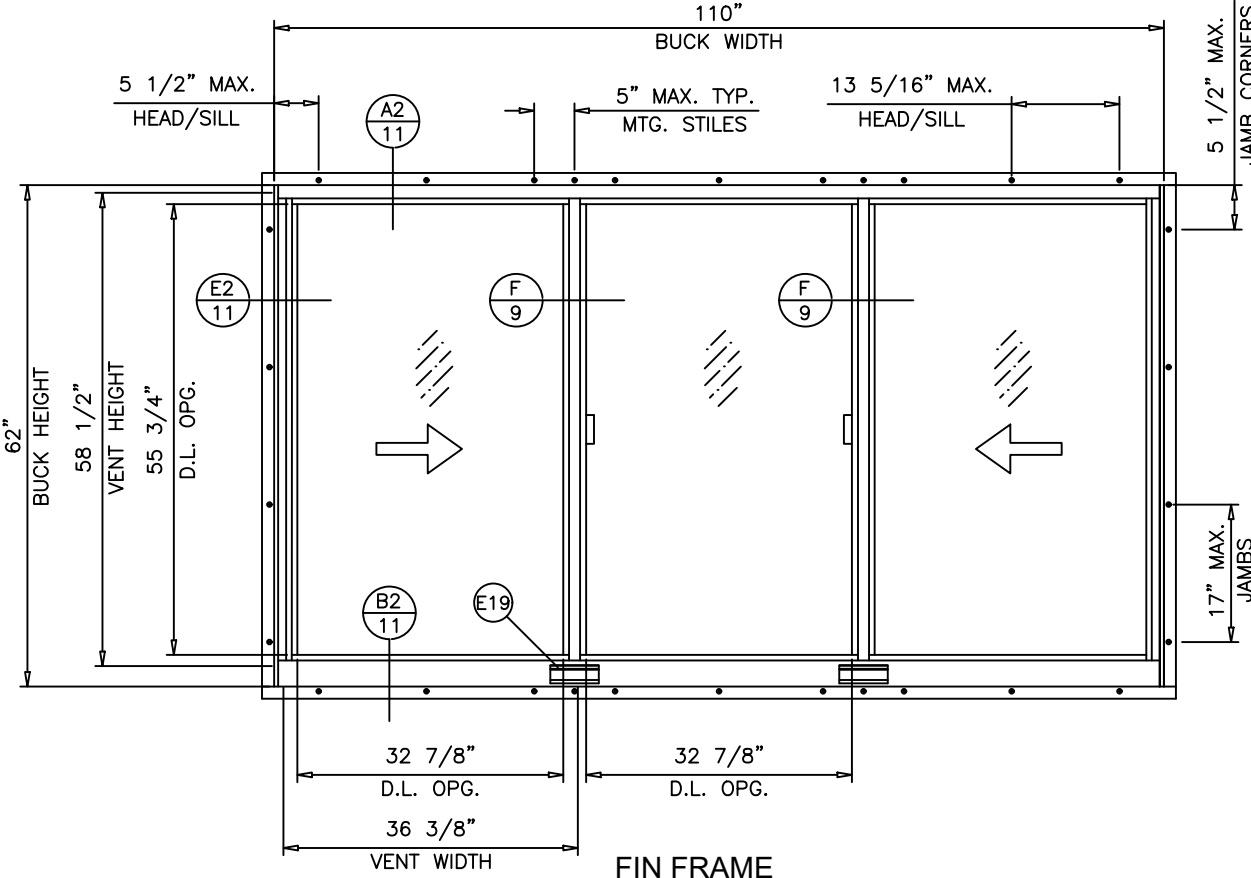
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE. MAXIMUM SHIM SPACING OF 18" WHEN INSTALLING THROUGH THE INTEGRAL FIN.

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.

FLAME FLANGES MAY BE REMOVED AS REQUIRED. THE EXPOSED ALUMINUM EDGES MUST BE PAINTED TO PROTECT AGAINST CORROSION.

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.

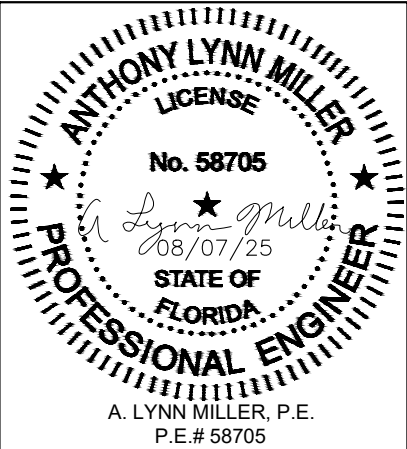


FIN FRAME

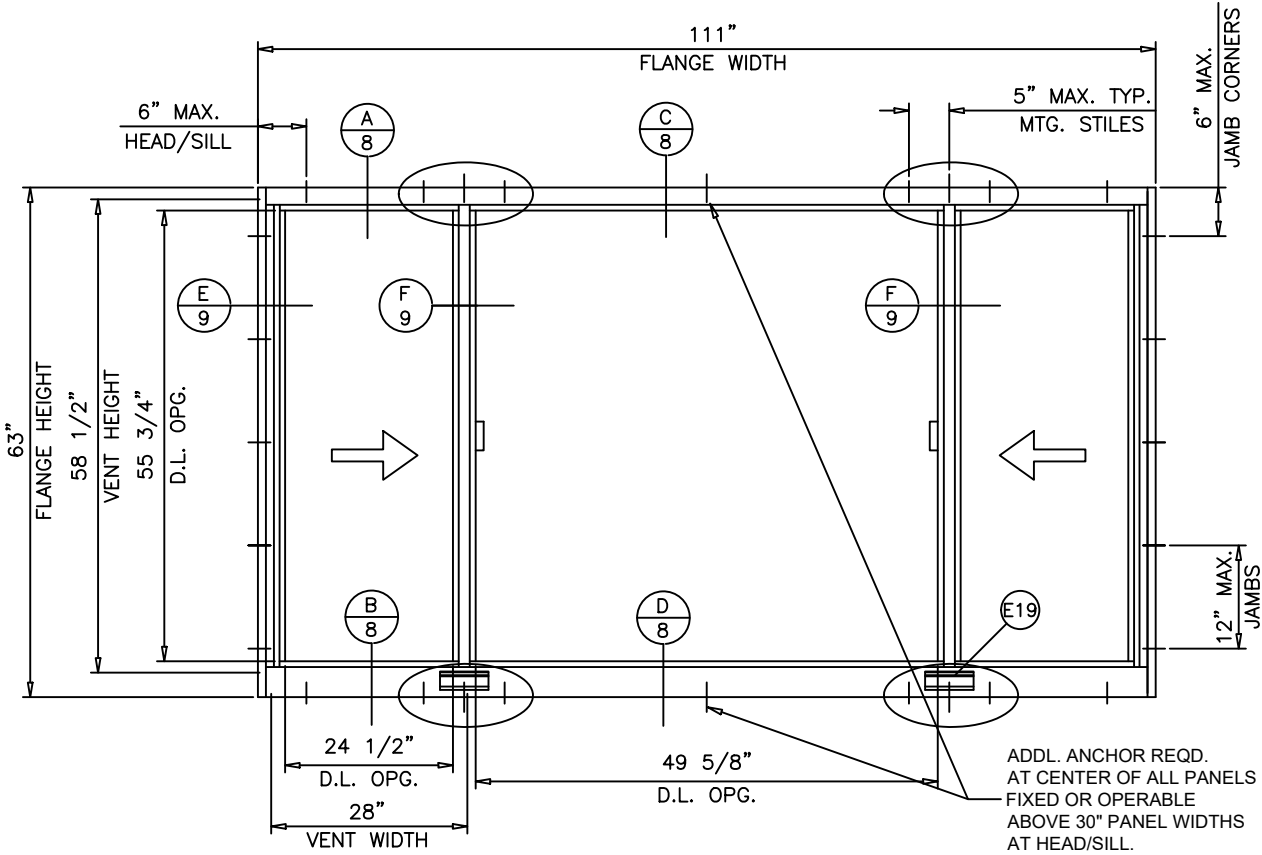
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **25-0812.08**
Expiration Date: **09/22/2030**
By: *Manuel Torres*
Miami-Dade Product Control

ADD NOTES: SHIM SPACING AND ERASE 2020 FBC.
- AM - 08/07/25

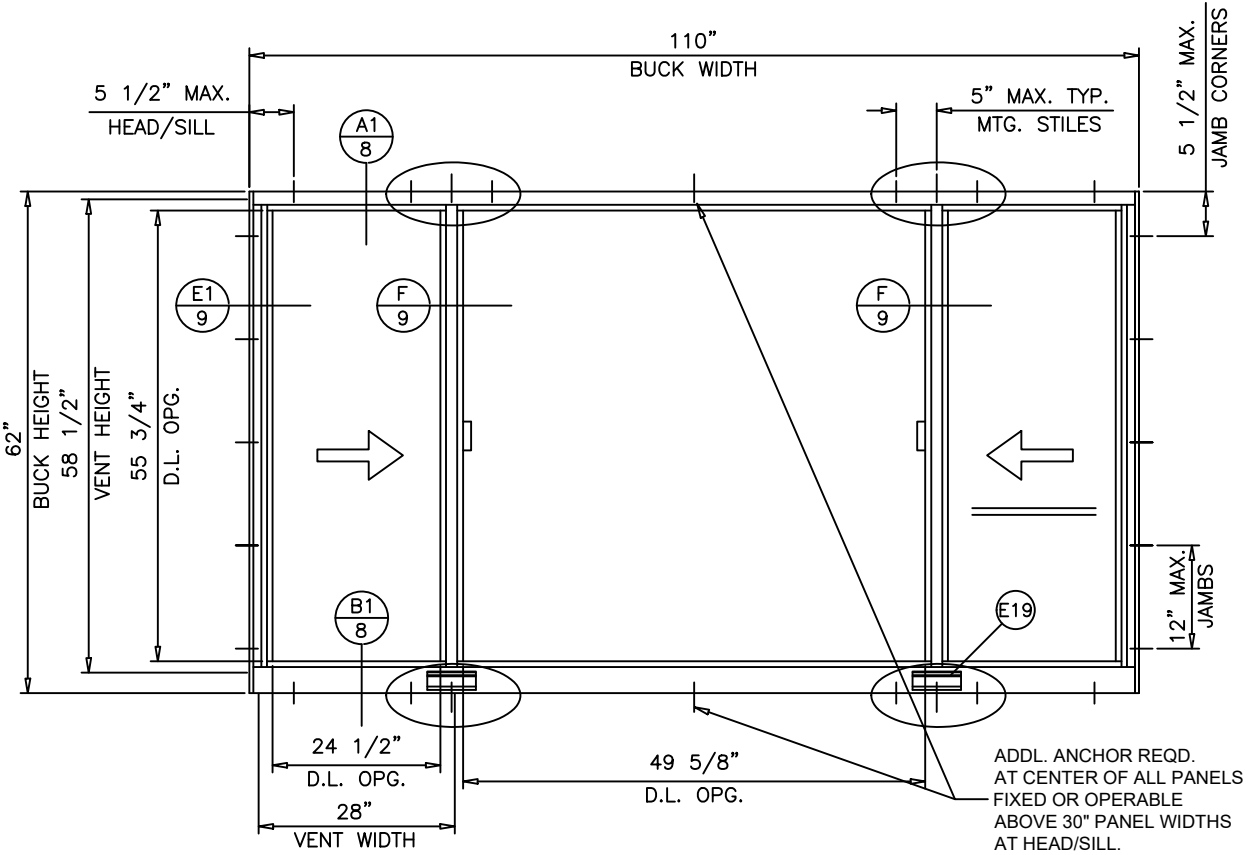
 Impact Resistant Windows & Doors		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		
		3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		
Title	120 ALUM. HORIZONTAL SLIDING WINDOW (LM)		Date	5/29/2020
GEN. NOTES AND ELEVATIONS		By Drawn	JENS ROSOWSKI	
Series	HR120 "SENTINEL"	Sheet	1 OF 14	DWG No.
		HR120LM-NOA		Rev.
				C



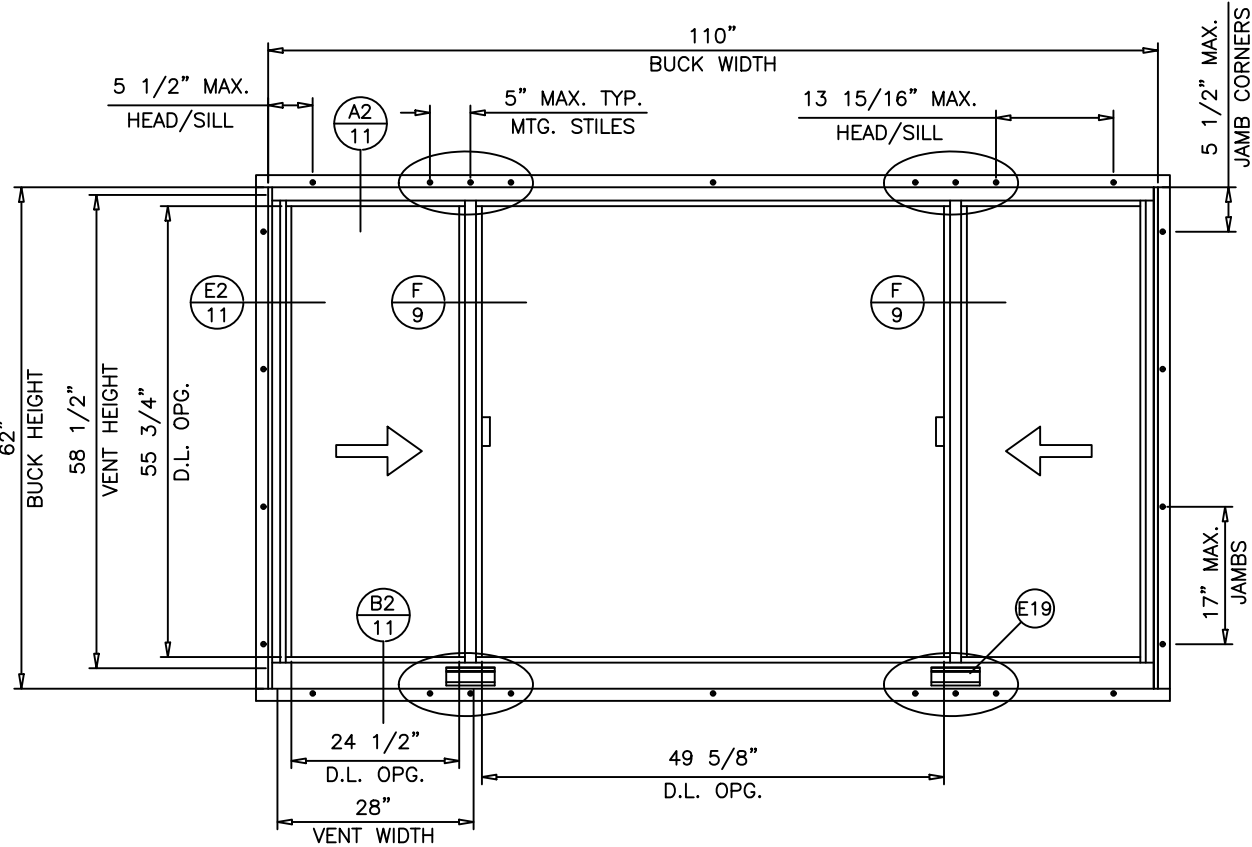
TYPICAL ELEVATION, 1/4-1/2-1/4 XOX CONFIGURATION



FLANGE & FLANGE ADAPTOR FRAME



EQUAL LEG FRAME



FIN FRAME

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

LAMINATED GLASS
INSULATING LAM. GLASS
LARGE MISSILE IMPACT
SMALL MISSILE IMPACT

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **25-0812.08**
Expiration Date: **09/22/2030**
By: *Manuel Ferrer*
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275

(941) 480-1600

REGISTRATION #29296

Date 5/29/2020

By JENS ROSOWSKI

Rev. C

**Impact Resistant
Windows & Doors**

3780 W 104TH STREET
HIALEAH, FL 33018
(305) 593-6590

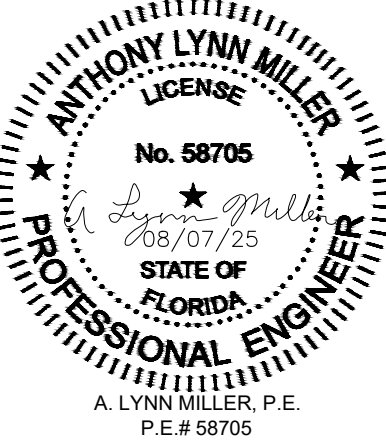
120 ALUM. HORIZONTAL SLIDING WINDOW (LM)

ELEVATIONS, 1/4-1/2-1/4

Sheet 2 OF 14

Series HR120

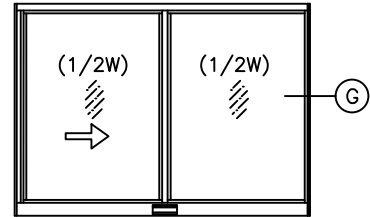
Title "SENTINEL"



FLANGE FRAME

FLANGE ADAPTOR FRAME

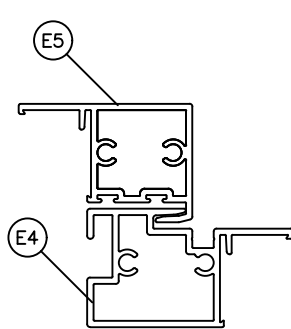
EQUAL LEG FRAME



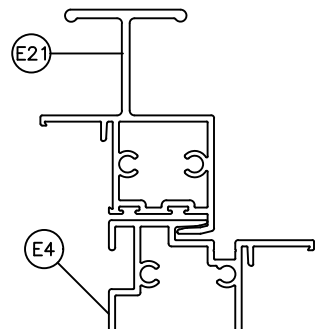
OPERATING VENTS TO BE 1/2 OF THE WINDOW WIDTH
'XO or OX'

Window Design Pressue (+/- psf) for Glass Types A & A1						
XO or OX (1/2, 1/2) Configuration with STD Meeting Rail						
Width (in.)	Window Dimensions		Height (in.)			
	Flange Dims ↓	Buck Dims →	26	38-3/8	50-5/8	63
			25	37-3/8	49-5/8	62
	26-1/2	25-1/2	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	37	36	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	53-1/8	52-1/8	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	74	73	+65 /-65	+65 /-65	+65 /-65	+60.2 /-60.2

Window Design Pressue (+/- psf) for Glass Types B & B1						
XO or OX (1/2, 1/2) Configuration with HD Meeting Rail						
Width (in.)	Window Dimensions		Height (in.)			
	Flange Dims ↓	Buck Dims →	26	38-3/8	50-5/8	63
			25	37-3/8	49-5/8	62
	26-1/2	25-1/2	+80 /-90	+80 /-90	+80 /-90	+80 /-90
	37	36	+80 /-90	+80 /-90	+80 /-90	+80 /-90
	53-1/8	52-1/8	+80 /-90	+80 /-90	+80 /-90	+80 /-90
	74	73	+80 /-90	+80 /-90	+80 /-90	+80 /-90

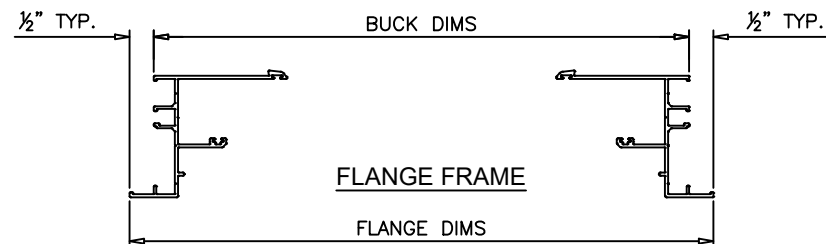


STD. MTG. RAIL



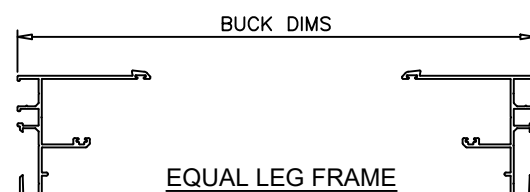
H.D. MTG. RAIL

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

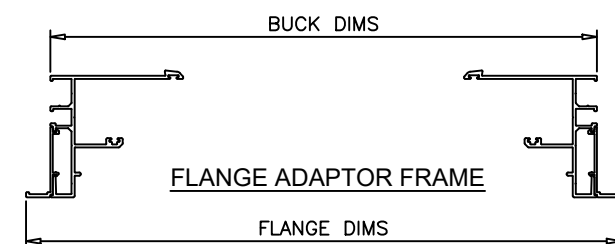


FLANGE FRAME

FLANGE DIMS

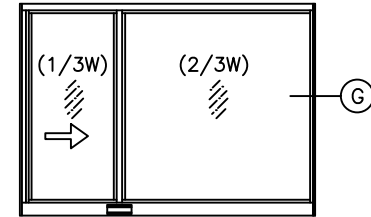


EQUAL LEG FRAME



FLANGE ADAPTOR FRAME

FLANGE DIMS



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH
'XO or OX'

Window Design Pressue (+/- psf) for Glass Types A, A1, B, & B1						
XO or OX (1/3, 2/3) Configuration with STD Meeting Rail						
Width (in.)	Window Dimensions		Height (in.)			
	Flange Dims ↓	Buck Dims →	26	38-3/8	50-5/8	63
			25	37-3/8	49-5/8	62
	55-3/4	54-3/4	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	78-15/16	77-15/16	+65 /-65	+65 /-65		
	83-1/2	82-1/2	+65 /-65	+65 /-65		

Window Design Pressue (+/- psf) for Glass Types B & B1						
XO or OX (1/3, 2/3) Configuration with HD Meeting Rail						
Width (in.)	Window Dimensions		Height (in.)			
	Flange Dims ↓	Buck Dims →	26	38-3/8	50-5/8	63
			25	37-3/8	49-5/8	62
	55-3/4	54-3/4	+80 /-90	+80 /-90	+80 /-90	+80 /-90
	78-15/16	77-15/16	+80 /-90	+80 /-90		
	83-1/2	82-1/2	+80 /-90	+80 /-90		

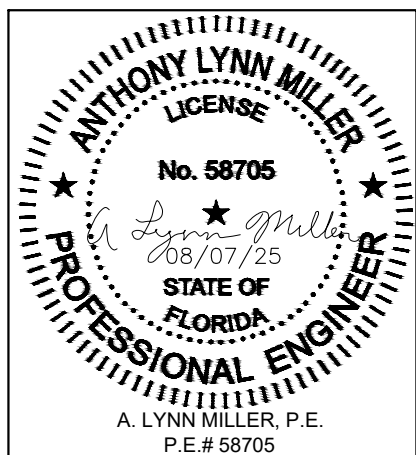
Window Design Pressue (+/- psf) for Glass Types C & C1						
XO or OX (1/3, 2/3) Configuration with HD Meeting Rail						
Width (in.)	Window Dimensions		Height (in.)			
	Flange Dims ↓	Buck Dims →	26	38-3/8	50-5/8	63
			25	37-3/8	49-5/8	62
	55-3/4	54-3/4	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	78-15/16	77-15/16	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	83-1/2	82-1/2	+65 /-65	+65 /-65	+65 /-65	+65 /-65

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **25-0812.08**
Expiration Date: **09/22/2030**
By: *Manuel Ferraz*
Miami-Dade Product Control

Revision:

NO CHANGES THIS SHEET.

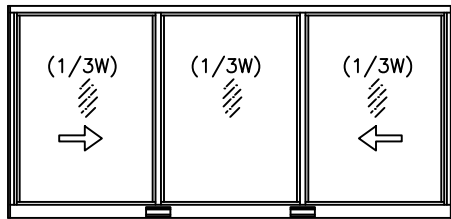
 Impact Resistant Windows & Doors	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296			
	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590			
	120 ALUM. HORIZONTAL SLIDING WINDOW (LM)			
	5/29/2020			
Design	Title		Date	
DESIGN PRESSURES 1		By Drawn	JENS ROSOWSKI	
Series	HR120 "SENTINEL"	3 OF 14		Rev.
Sheet		DWC No.		HR120LM-NOA C



FLANGE FRAME

FLANGE ADAPTOR FRAME

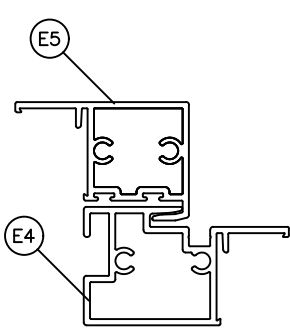
EQUAL LEG FRAME



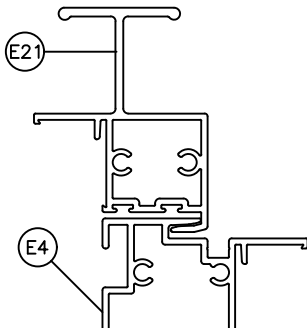
OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH
'XOX'

Window Design Pressue (+/- psf) for Glass Types A, A1, B & B1						
XOX (1/3, 1/3, 1/3) Configuration with STD Meeting Rail						
Width (in.)	Window Dimensions		Height (in.)			
	Flange Dims	Buck Dims	26	38-3/8	50-5/8	63
			25	37-3/8	49-5/8	62
	74	73	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	106-1/4	105-1/4	+65 /-65	+65 /-65	+65 /-65	+61.6 /-61.6
	111	110	+65 /-65	+65 /-65	+65 /-65	+60 /-60

Window Design Pressue (+/- psf) for Glass Types B & B1						
XOX (1/3, 1/3, 1/3) Configuration with HD Meeting Rail						
Width (in.)	Window Dimensions		Height (in.)			
	Flange Dims	Buck Dims	26	38-3/8	50-5/8	63
			25	37-3/8	49-5/8	62
	74	73	+80 /-90	+80 /-90	+80 /-90	+80 /-90
	106-1/4	105-1/4	+80 /-90	+80 /-90	+80 /-90	+80 /-90
	111	110	+80 /-90	+80 /-90	+80 /-90	+80 /-90

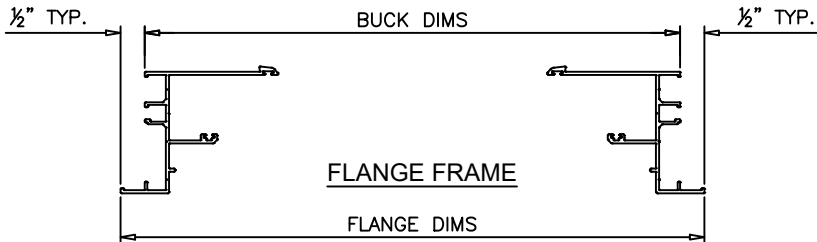


STD. MTG. RAIL

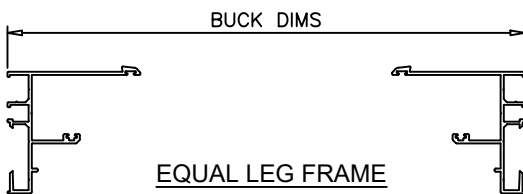


H.D. MTG. RAIL

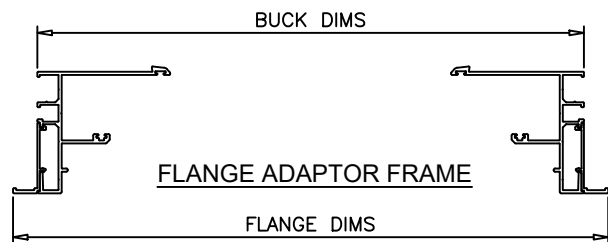
NOTE:
GLASS CAPACITIES ON THIS SHEET
ARE BASED ON ASTM E1300-09
(3 SEC. GUSTS).



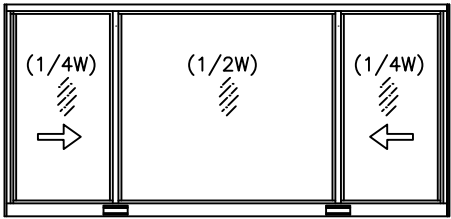
FLANGE FRAME



EQUAL LEG FRAME



FLANGE ADAPTOR FRAME



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH
'XOX'

Window Design Pressue (+/- psf) for Glass Types A, A1, B, & B1						
XO X (1/4, 1/2, 1/4) Configuration with STD Meeting Rail						
Width (in.)	Window Dimensions		Height (in.)			
	Flange Dims	Buck Dims	26	38-3/8	50-5/8	63
			25	37-3/8	49-5/8	62
	74	73	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	106-1/4	105-1/4	+65 /-65	+65 /-65		
	111	110	+65 /-65	+65 /-65		

Window Design Pressue (+/- psf) for Glass Types B & B1						
XOX (1/4, 1/2, 1/4) Configuration with HD Meeting Rail						
Width (in.)	Window Dimensions		Height (in.)			
	Flange Dims	Buck Dims	26	38-3/8	50-5/8	63
			25	37-3/8	49-5/8	62
	74	73	+80 /-90	+80 /-90	+80 /-90	+80 /-90
	106-1/4	105-1/4	+80 /-90	+80 /-90		
	111	110	+80 /-90	+80 /-90		

Window Design Pressue (+/- psf) for Glass Types C & C1						
XOX (1/4, 1/2, 1/4) Configuration with HD Meeting Rail						
Width (in.)	Window Dimensions		Height (in.)			
	Flange Dims	Buck Dims	26	38-3/8	50-5/8	63
			25	37-3/8	49-5/8	62
	74	73	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	106-1/4	105-1/4	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	111	110	+65 /-65	+65 /-65	+65 /-65	+65 /-65

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **25-0812.08**
Expiration Date: **09/22/2030**
By: *Manuel Ferraz*
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275

(941) 480-1600

REGISTRATION #29296

Date 5/29/2020

By JENS ROSOWSKI

Rev. C

DWG. HR120LM-NOA

No.

4 OF 14

Sheet

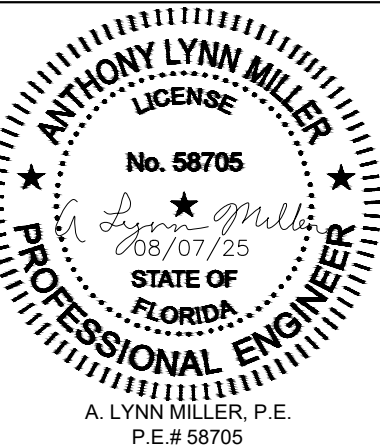
Series HR120 "SENTINEL"

**Impact Resistant
Windows & Doors**

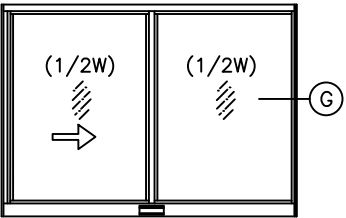
3780 W 104TH STREET
HIALEAH, FL 33018
(305) 593-6590

120 ALUM. HORIZONTAL SLIDING WINDOW (LM)

DESIGN PRESSURES 2



FIN FRAME

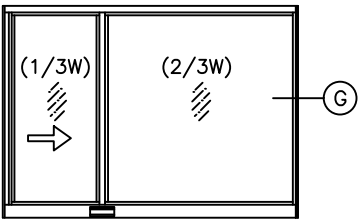
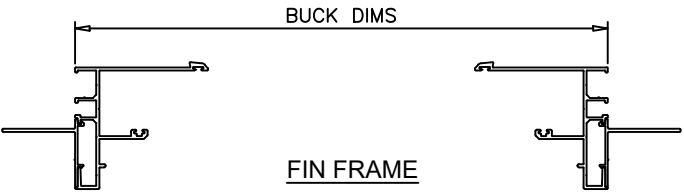
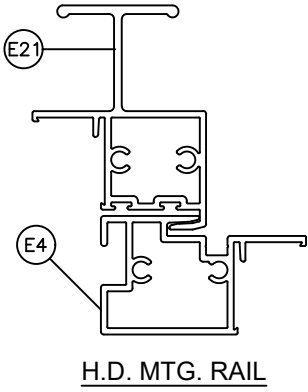
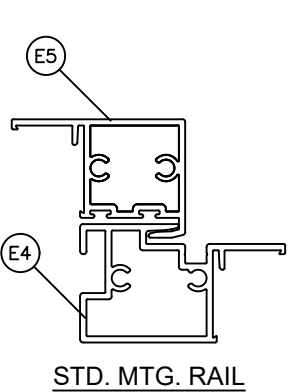


OPERATING VENTS TO BE 1/2 OF THE WINDOW WIDTH
'XO or OX'

Window Design Pressue (+/- psf) for Glass Types A, A1, B, & B1					
XO or OX (1/2, 1/2) Configuration with STD Meeting Rail					
Window Dimensions		Buck Height (in.)			
		25	37-3/8	49-5/8	62
Buck Width (in.)	25-1/2	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	36	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	52-1/8	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	73	+65 /-65	+65 /-65	+65 /-65	+60.2 /-60.2

Window Design Pressue (+/- psf) for Glass Types B & B1					
XO or OX (1/2, 1/2) Configuration with HD Meeting Rail					
Window Dimensions		Buck Height (in.)			
		25	37-3/8	49-5/8	62
Buck Width (in.)	25-1/2	+80 /-80	+80 /-80	+80 /-80	+80 /-80
	36	+80 /-80	+80 /-80	+80 /-80	+80 /-80
	52-1/8	+80 /-80	+80 /-80	+80 /-80	+80 /-80
	73	+80 /-80	+80 /-80	+80 /-80	+80 /-80

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



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH
'XO or OX'

Window Design Pressue (+/- psf) for Glass Types A, A1, B, & B1					
XO or OX (1/3, 2/3) Configuration with STD Meeting Rail					
Window Dimensions		Buck Height (in.)			
		25	37-3/8	49-5/8	62
Buck Width (in.)	54-3/4	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	77-15/16	+65 /-65	+65 /-65		
	82-1/2	+65 /-65	+65 /-65		

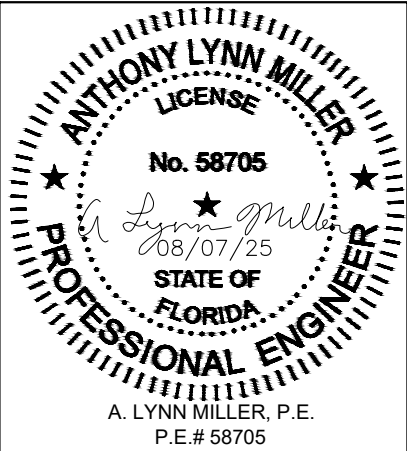
Window Design Pressue (+/- psf) for Glass Types B & B1					
XO or OX (1/3, 2/3) Configuration with HD Meeting Rail					
Window Dimensions		Buck Height (in.)			
		25	37-3/8	49-5/8	62
Buck Width (in.)	54-3/4	+80 /-80	+80 /-80	+80 /-80	+80 /-80
	77-15/16	+80 /-80	+80 /-80		
	82-1/2	+80 /-80	+80 /-80		

Window Design Pressue (+/- psf) for Glass Types C & C1					
XO or OX (1/3, 2/3) Configuration with HD Meeting Rail					
Window Dimensions		Buck Height (in.)			
		25	37-3/8	49-5/8	62
Buck Width (in.)	54-3/4	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	77-15/16	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	82-1/2	+65 /-65	+65 /-65	+65 /-65	+65 /-65

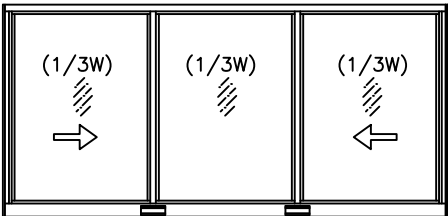
PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **25-0812.08**
Expiration Date: **09/22/2030**
By: *Manuel Torres*
Miami-Dade Product Control

Revision: NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	120 ALUM. HORIZONTAL SLIDING WINDOW (LM)	JENS ROSOWSKI	HR120LM-NOA	C
Impact Resistant Windows & Doors 	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	DESIGN PRESSURES 3	HR120	"SENTINEL"
120 ALUM. HORIZONTAL SLIDING WINDOW (LM)	5/29/2020	JENS ROSOWSKI	HR120LM-NOA	C



FIN FRAME

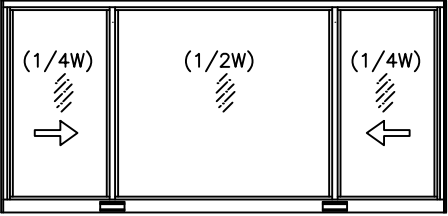
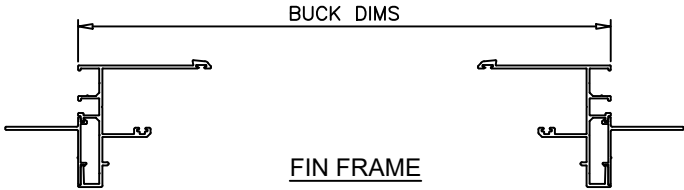
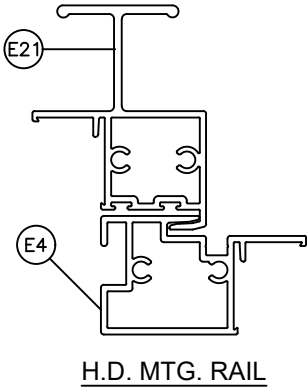
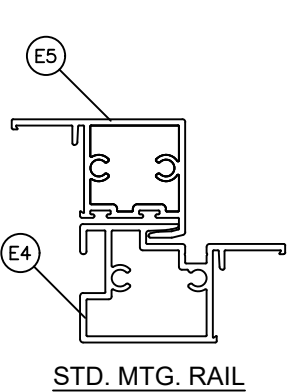


OPERATING VENTS TO BE 1/2 OF THE WINDOW WIDTH
'XO or OX'

Window Design Pressue (+/- psf) for Glass Types A, A1, B & B1					
XOX (1/3, 1/3, 1/3) Configuration with STD Meeting Rail					
Window Dimensions		Buck Height (in.)			
		25	37-3/8	49-5/8	62
Buck Width (in.)	73	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	105-1/4	+65 /-65	+65 /-65	+65 /-65	+61.6 /-61.6
	110	+65 /-65	+65 /-65	+65 /-65	+60 /-60

Window Design Pressue (+/- psf) for Glass Types B & B1					
XOX (1/3, 1/3, 1/3) Configuration with HD Meeting Rail					
Window Dimensions		Buck Height (in.)			
		25	37-3/8	49-5/8	62
Buck Width (in.)	73	+80 /-80	+80 /-80	+80 /-80	+80 /-80
	105-1/4	+80 /-80	+80 /-80	+80 /-80	+80 /-80
	110	+80 /-80	+80 /-80	+80 /-80	+80 /-80

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



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH
'XO or OX'

Window Design Pressue (+/- psf) for Glass Types A, A1, B, & B1					
XO X (1/4, 1/2, 1/4) Configuration with STD Meeting Rail					
Window Dimensions		Buck Height (in.)			
		25	37-3/8	49-5/8	62
Buck Width (in.)	73	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	105-1/4	+65 /-65	+65 /-65		
	110	+65 /-65	+65 /-65		

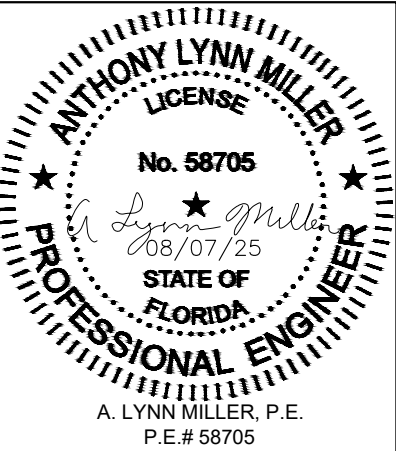
Window Design Pressue (+/- psf) for Glass Types B & B1					
XOX (1/4, 1/2, 1/4) Configuration with HD Meeting Rail					
Window Dimensions		Buck Height (in.)			
		25	37-3/8	49-5/8	62
Buck Width (in.)	73	+80 /-80	+80 /-80	+80 /-80	+80 /-80
	105-1/4	+80 /-80	+80 /-80		
	110	+80 /-80	+80 /-80		

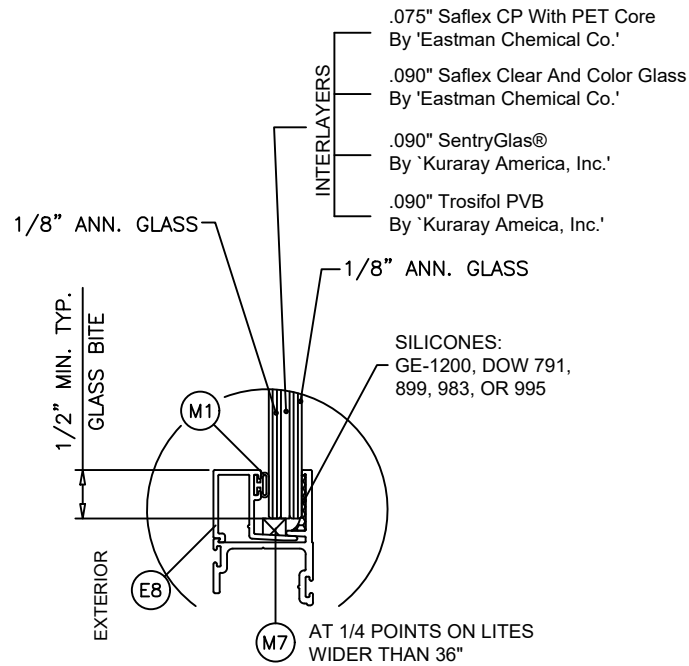
Window Design Pressue (+/- psf) for Glass Types C & C1					
XOX (1/4, 1/2, 1/4) Configuration with HD Meeting Rail					
Window Dimensions		Buck Height (in.)			
		25	37-3/8	49-5/8	62
Buck Width (in.)	73	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	105-1/4	+65 /-65	+65 /-65	+65 /-65	+65 /-65
	110	+65 /-65	+65 /-65	+65 /-65	+65 /-65

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **25-0812.08**
Expiration Date: **09/22/2030**
By: *Manuel Torres*
Miami-Dade Product Control

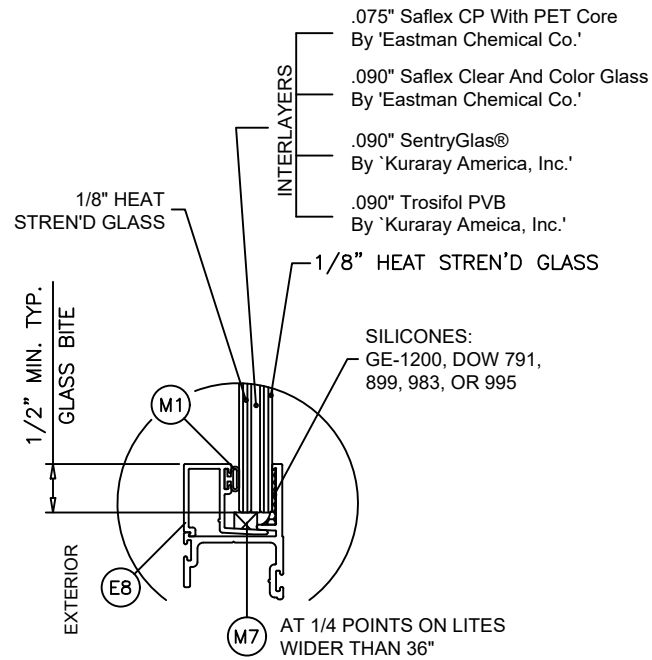
Revision: NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	5/29/2020 Date	JENS ROSOWSKI By	C Rev.
Impact Resistant Windows & Doors 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	120 ALUM. HORIZONTAL SLIDING WINDOW (LM) Title	DESIGN PRESSURES 4 Desc.	6 OF 14 Sheet
120 ALUM. HORIZONTAL SLIDING WINDOW (LM) Title	DESIGN PRESSURES 4 Desc.	JENS ROSOWSKI By	C Rev.
120 ALUM. HORIZONTAL SLIDING WINDOW (LM) Title	DESIGN PRESSURES 4 Desc.	JENS ROSOWSKI By	C Rev.

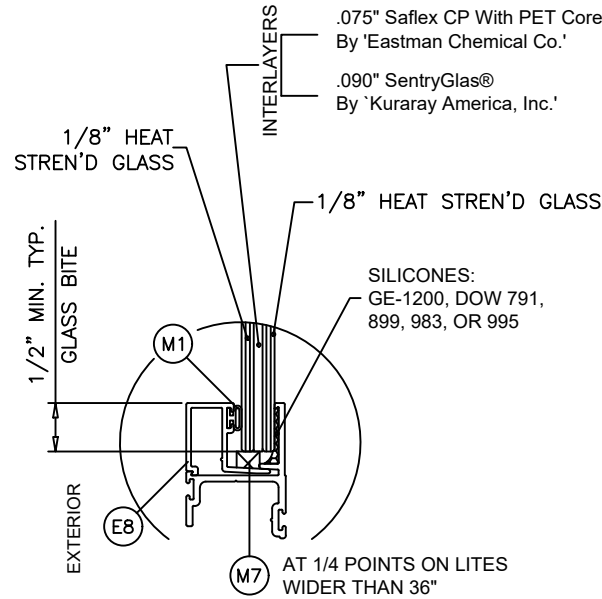




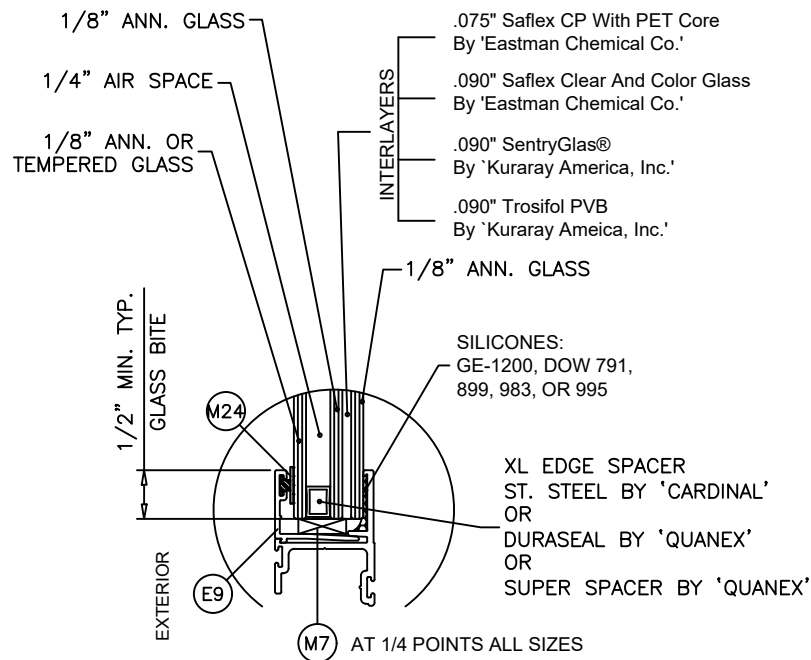
GLASS TYPE 'A'
5/16" NOMINAL LAM. GLASS
(L.M.I & S.M.I.)



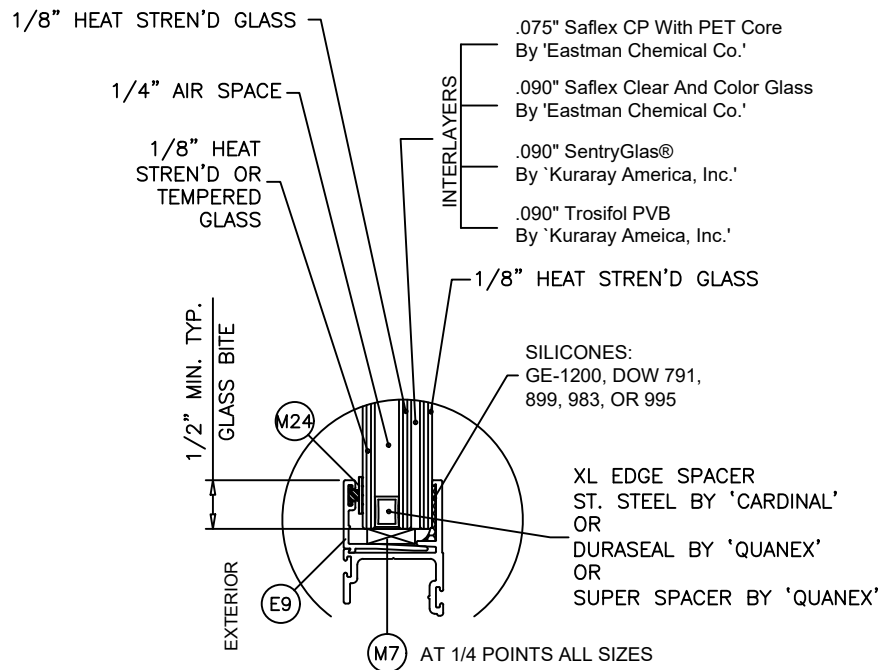
GLASS TYPE 'B'
5/16" NOMINAL LAM. GLASS
(L.M.I & S.M.I.)



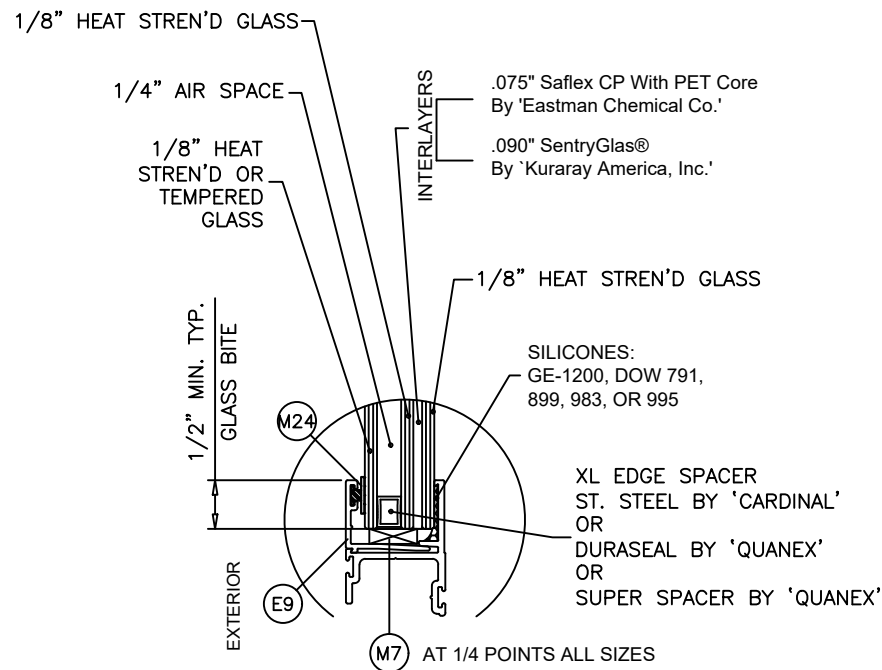
GLASS TYPE 'C'
5/16" NOMINAL LAM. GLASS
(L.M.I & S.M.I.)



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



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

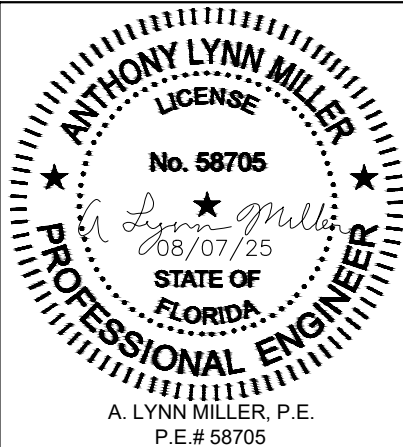


GLASS TYPE 'C1'
0.70" OVERALL INSUL. LAM. GLASS
(L.M.I & S.M.I.)

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 25-0812.08
Expiration Date: 09/22/2030
By: Manuel Ferraz
Miami-Dade Product Control

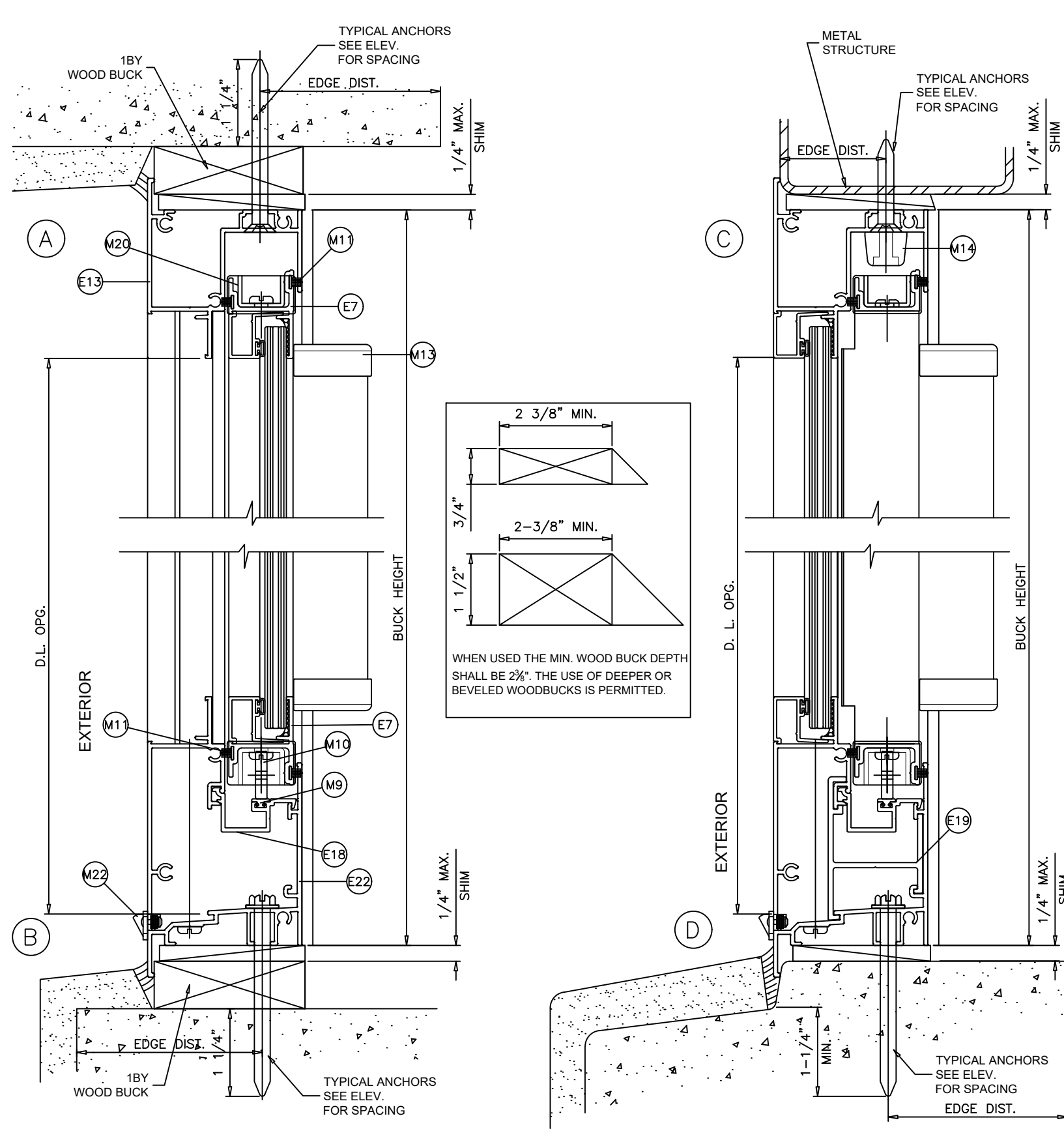
Revision: NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275	REGISTRATION #29296	5/29/2020	JENS ROSOWSKI	C
Impact Resistant Windows & Doors	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	120 ALUM. HORIZONTAL SLIDING WINDOW (LM)	GLAZING DETAILS	7 OF 14
HR120 "SENTINEL"	HR120 "SENTINEL"	HR120 "SENTINEL"	HR120 "SENTINEL"	HR120 "SENTINEL"



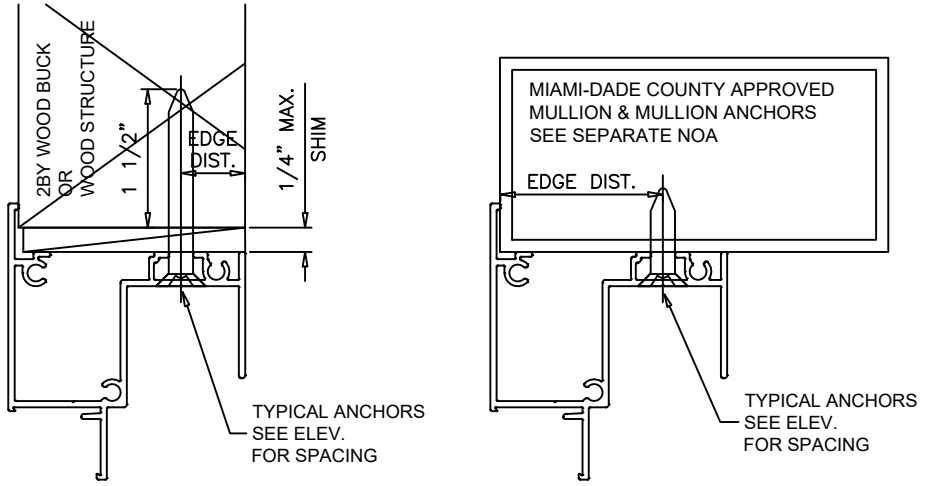
*FOR INSULATED GLASS INSTALLATION ABOVE 30' IN THE HVHZ, OR FOR SAFETY GLAZING APPLICATIONS PER THE FBC, THE OUTBOARD LITE (CAP) MUST BE TEMPERED.

FLANGE & FLANGE ADAPTOR FRAME



INTALLATION DETAILS SHOWN ON PAGES 8 & 9 APPLY TO BOTH FLANGE FRAME AND FLANGE ADAPTOR FRAMES.

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 3-1/8" FROM EACH END.
W3 = 1/8" X 1/2" WEEP SLOT AT 3-1/8" FROM EACH END.



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
1" MIN. EDGE DISTANCE

THRU 1BY BUCKS INTO CONC. OR DIRECTLY INTO CONC.
1" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1-3/4" MIN. EDGE DISTANCE

THRU 1BY BUCKS INTO HOLLOW CMU OR DIRECTLY INTO HOLLOW CMU
1-1/4" MIN. EMBED INTO CMU (JAMBS)
1-1/2" MIN. EDGE DISTANCE

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

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK.=1/8")
OR INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

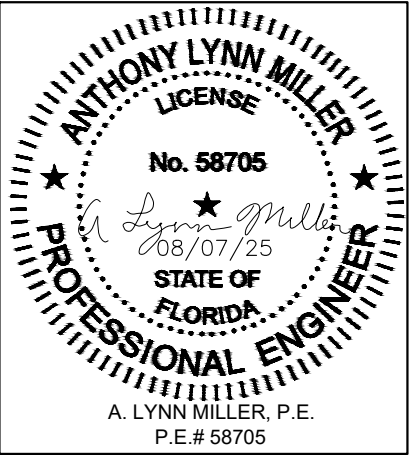
TYPICAL EDGE DISTANCE
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS fc = 3000 PSI MIN.
C-90 HOLLOW/FILLED NORMAL WEIGHT BLOCK AT JAMBS fm = 2000 PSI MIN.

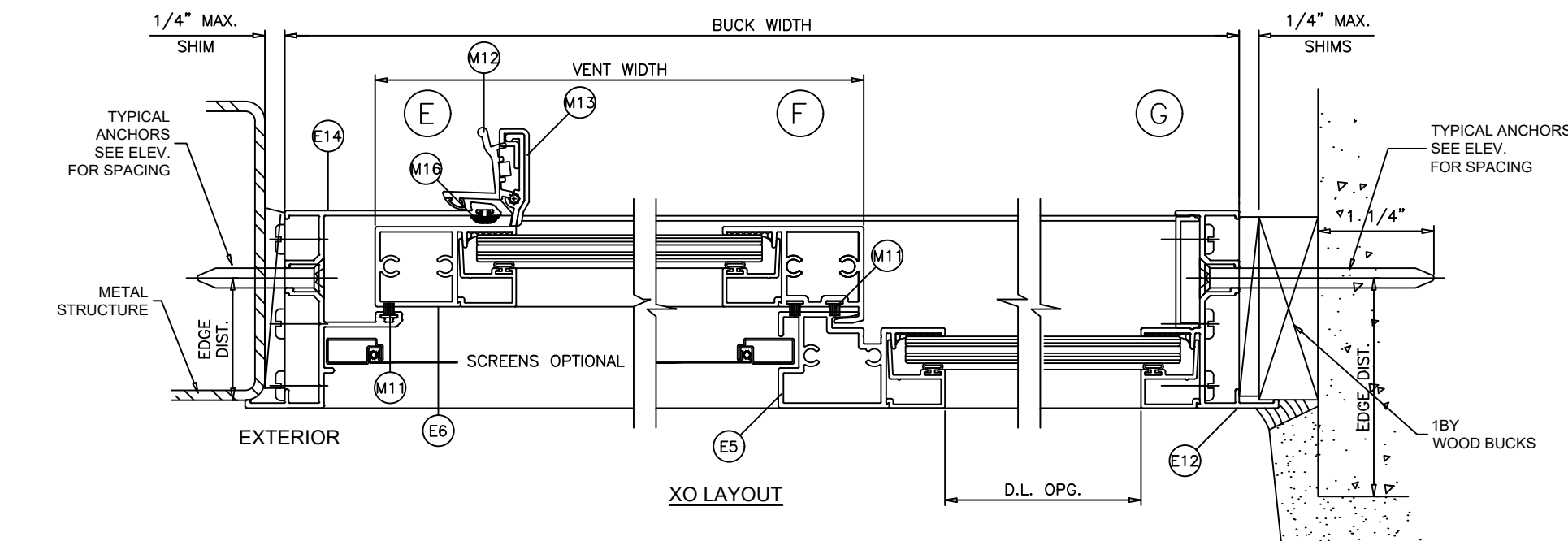
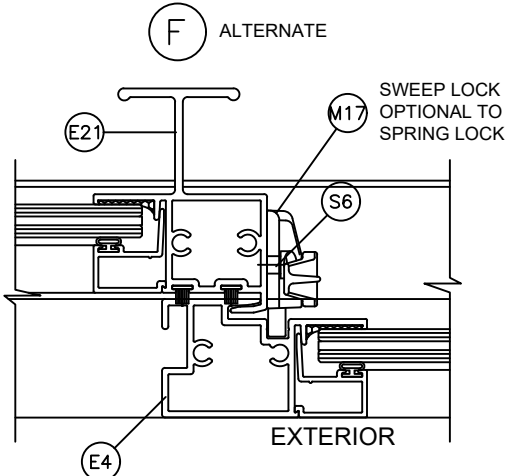
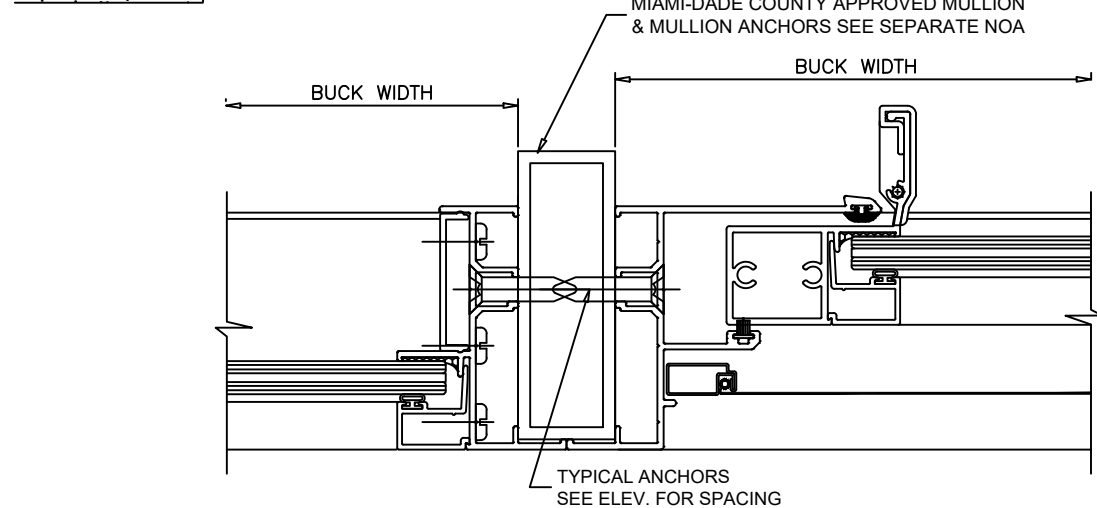
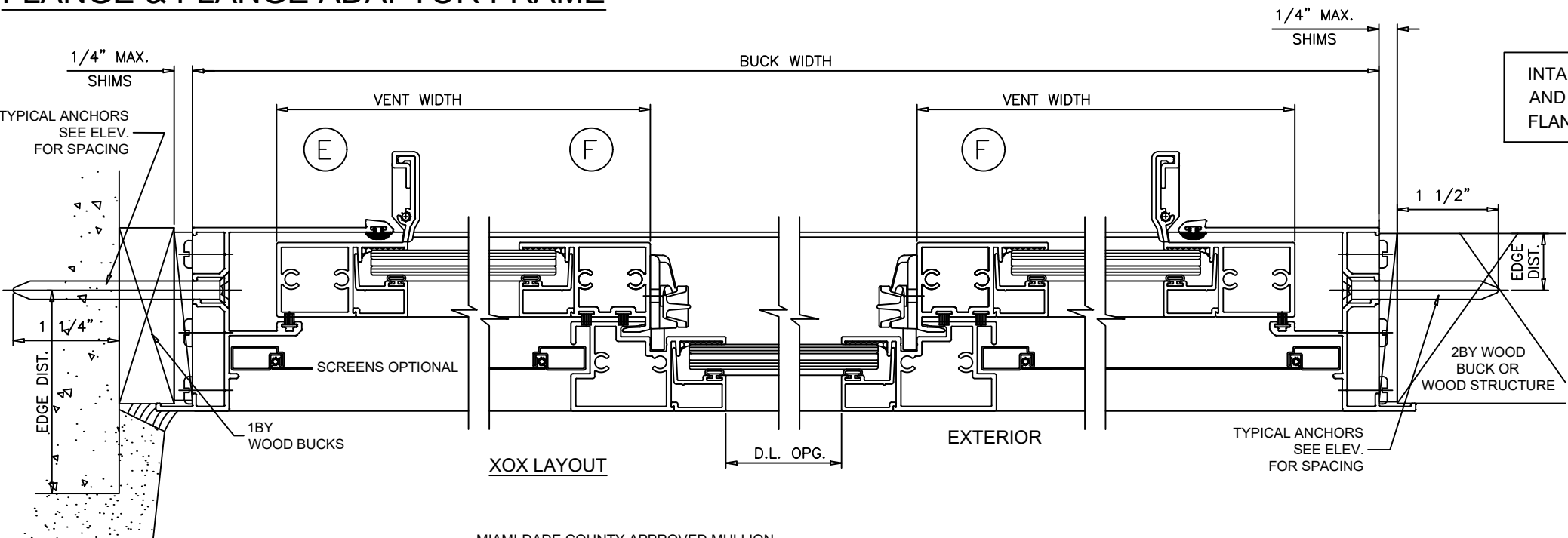
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **25-0812.08**
Expiration Date: **09/22/2030**
By: *Manuel Torres*
Miami-Dade Product Control

Revision: ERASED ITEM : M15
AM- 08/05/25

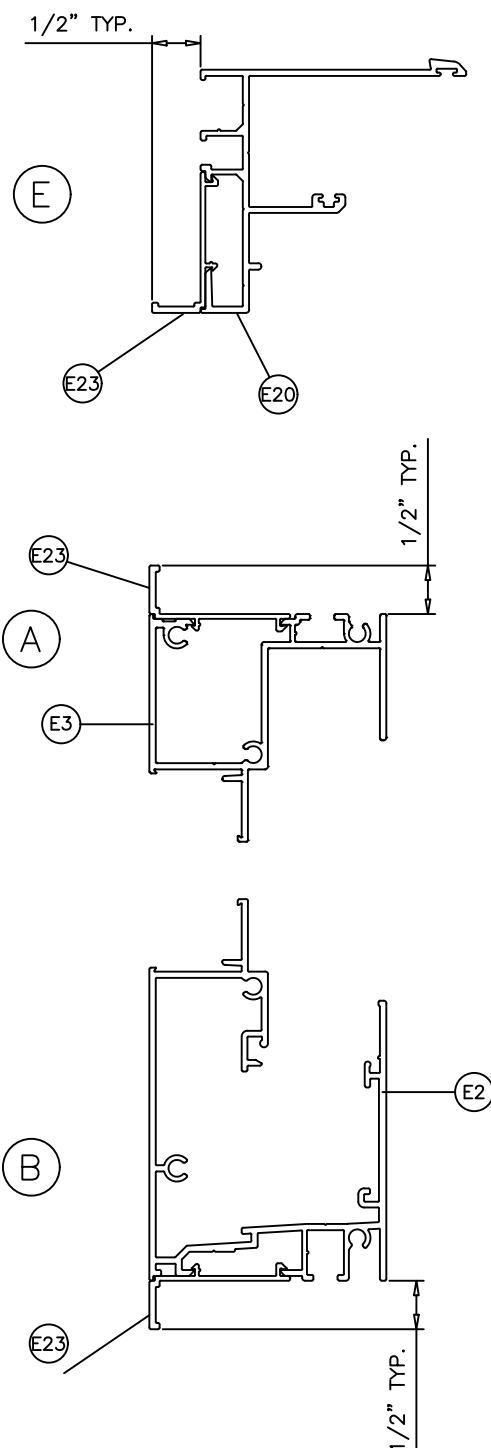
Impact Resistant Windows & Doors	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	120 ALUM. HORIZONTAL SLIDING WINDOW (LM)	Date	5/29/2020	Rev.	C
			By	JENS ROSOWSKI	HR120LM-NOA	
			No.			
			DWG			
FLANGE INSTALLATION DETAILS	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	FLANGE INSTALLATION DETAILS	8 OF 14	Sheet	HR120	"SENTINEL"



FLANGE & FLANGE ADAPTOR FRAME



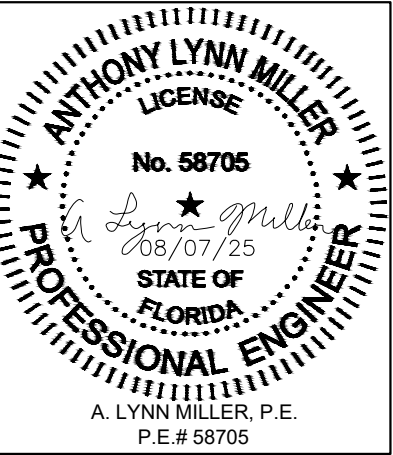
FLANGE ADAPTOR FRAME



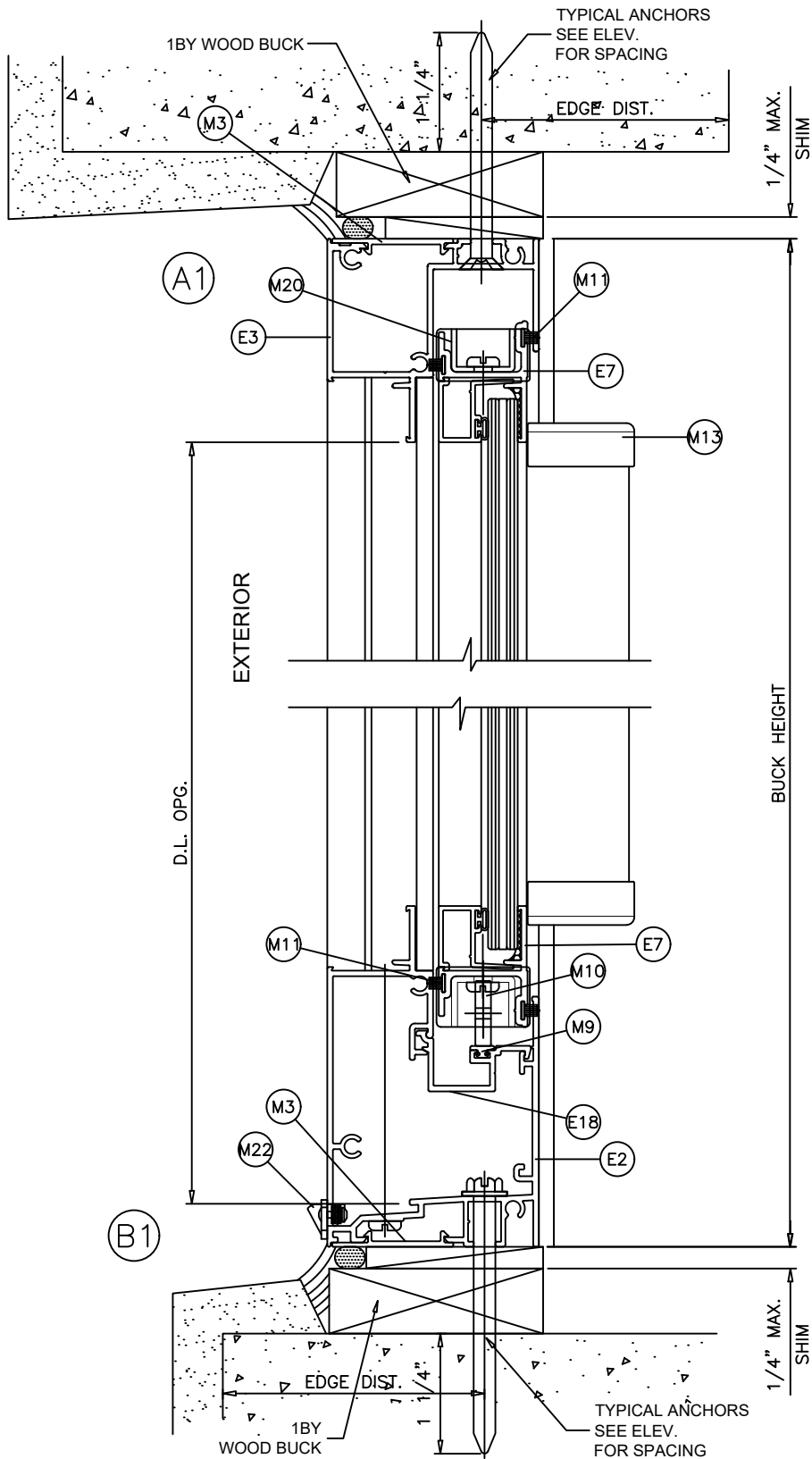
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Revision: NO CHANGES THIS SHEET.

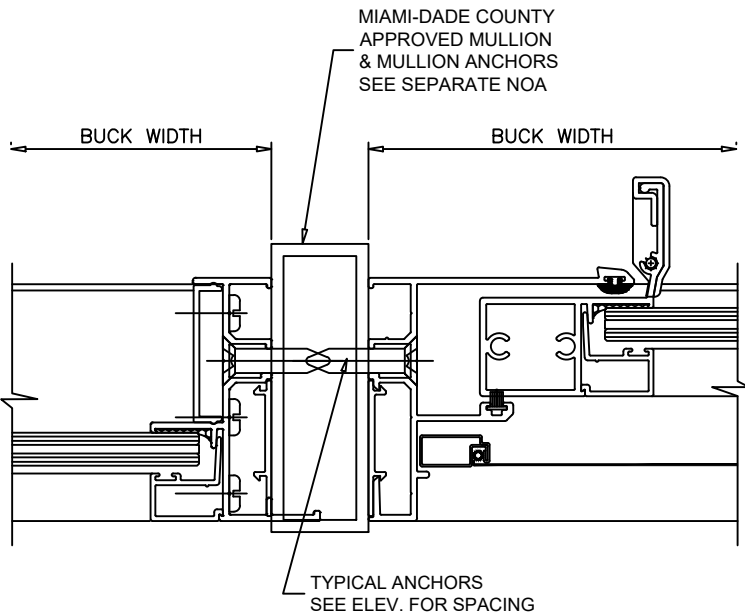
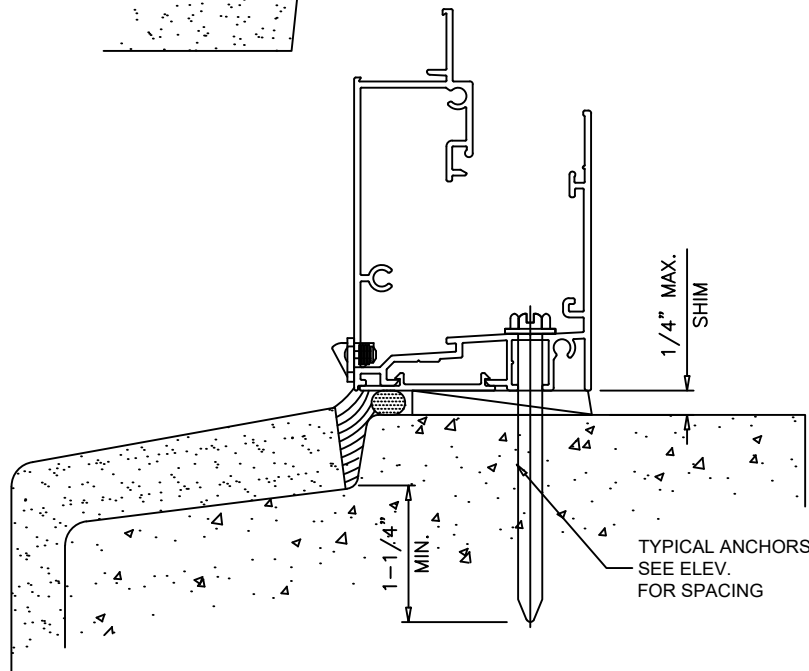
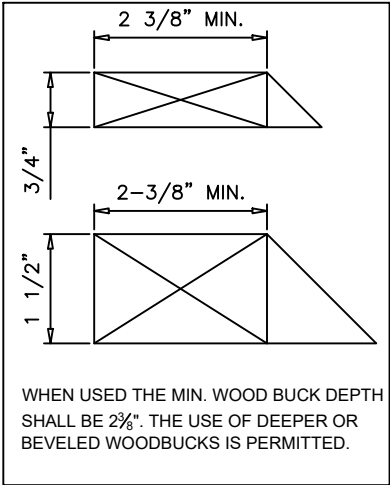
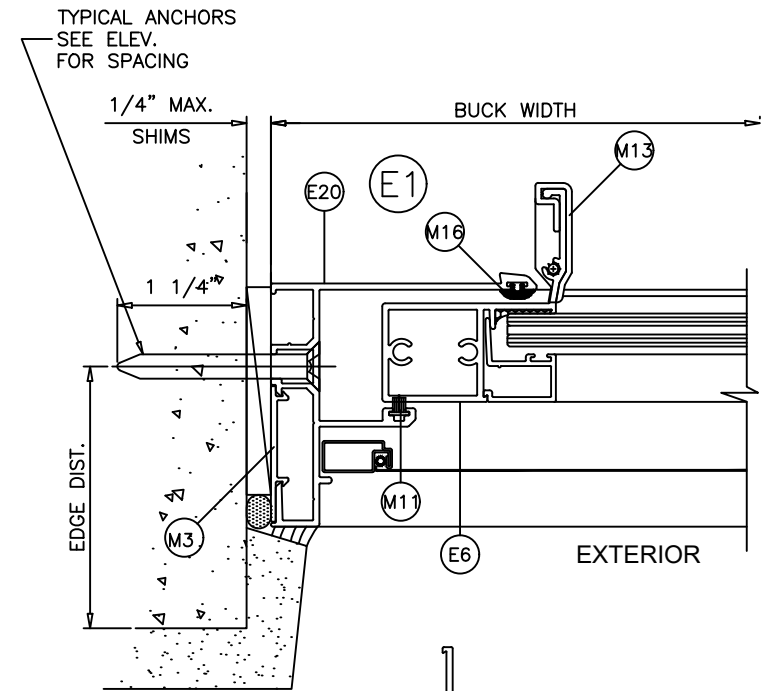
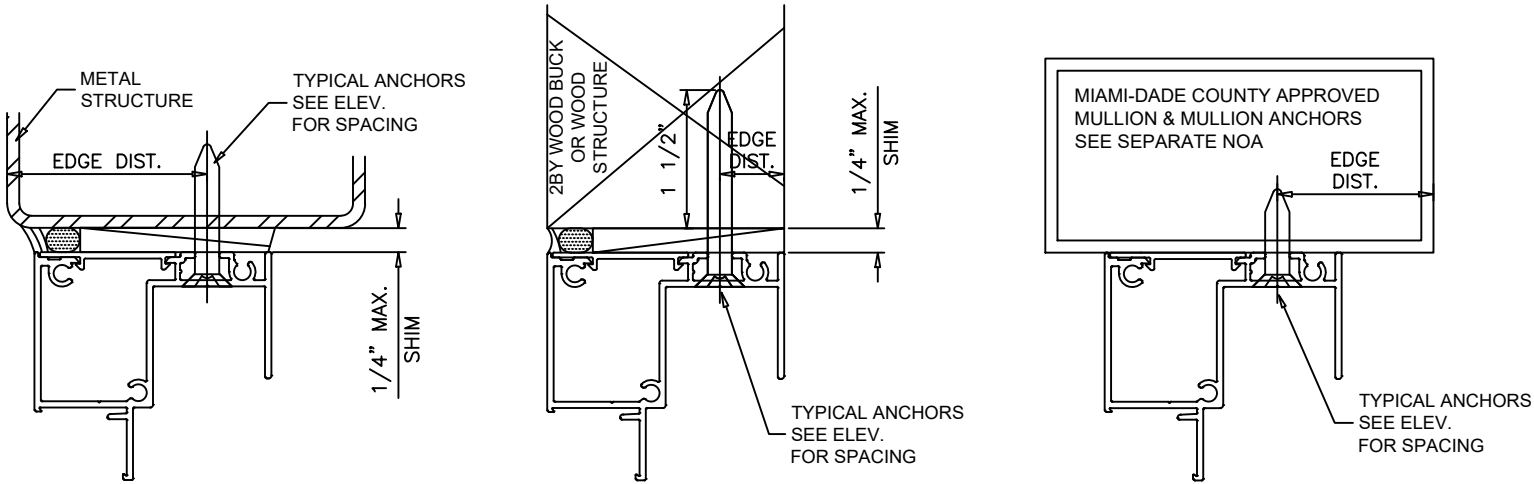
Impact Resistant Windows & Doors	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	120 ALUM. HORIZONTAL SLIDING WINDOW (LM)	JENS ROSOWSKI	HR120M-NOA	C
Impact Resistant Windows & Doors	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	FLANGE INSTALLATION DETAILS	JENS ROSOWSKI	9 OF 14	C
Impact Resistant Windows & Doors	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	120 ALUM. HORIZONTAL SLIDING WINDOW (LM)	JENS ROSOWSKI	9 OF 14	C



EQUAL LEG FRAME



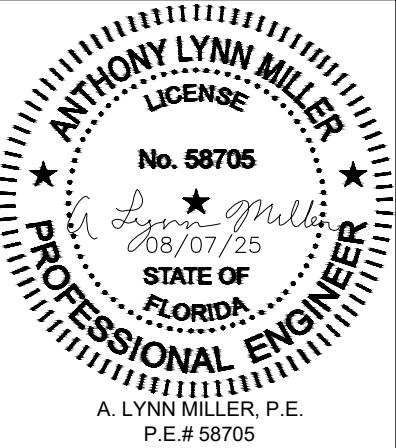
EQUAL LEG FRAME CAN BE INSTALLED DIRECTLY INTO WOOD, CONCRETE OR METAL STRUCTURES WITHOUT THE NEED OF A WOOD BUCK.



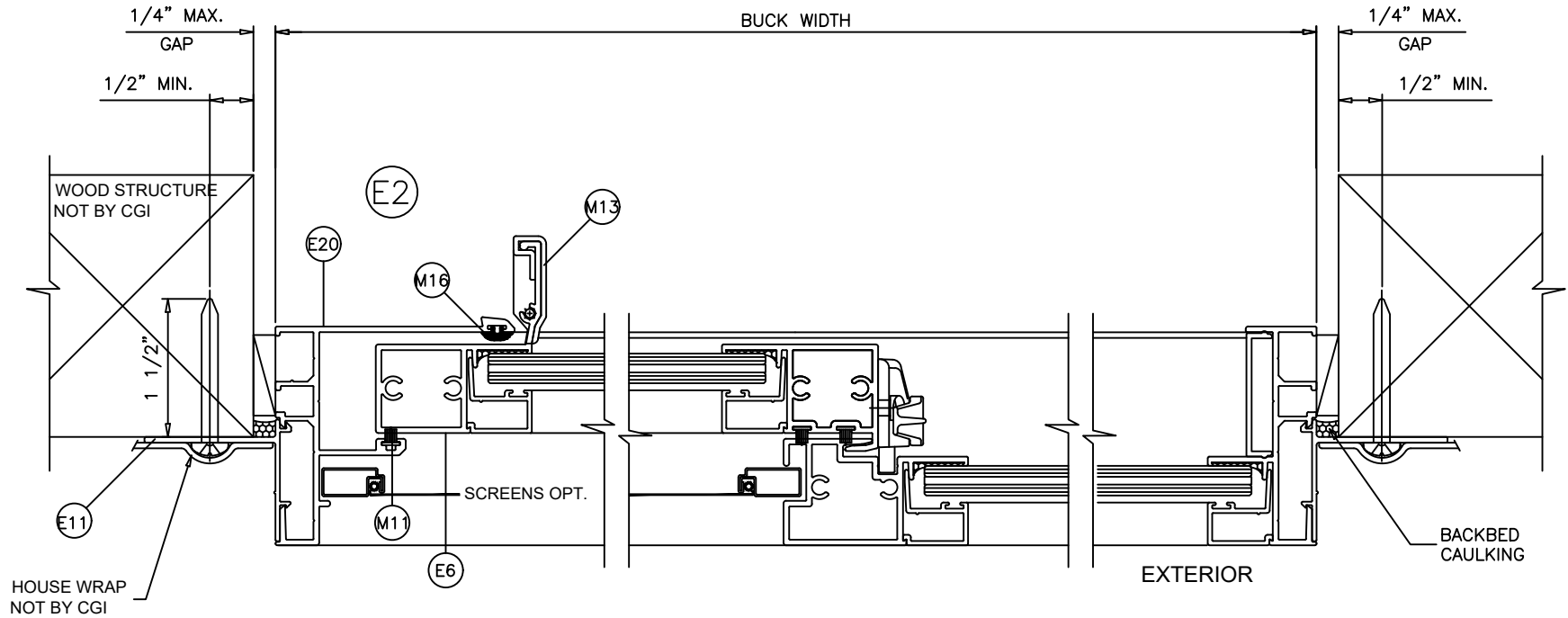
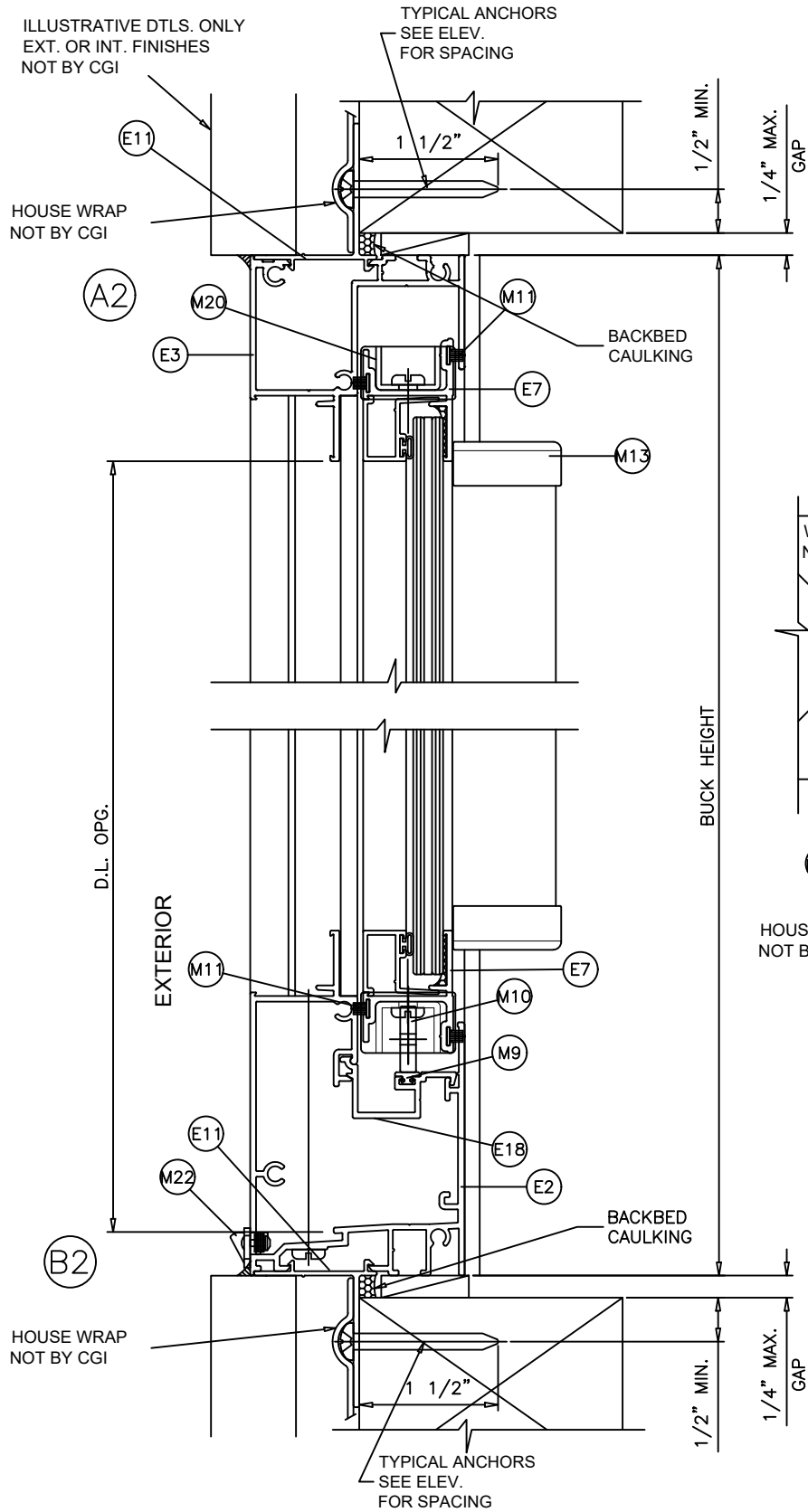
PRODUCT REVISED
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Miami-Dade Product Control

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Impact Resistant Windows & Doors	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	120 ALUM. HORIZONTAL SLIDING WINDOW (LM)	JENS ROSOWSKI	5/29/2020	C
Impact Resistant Windows & Doors	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	EQUAL LEG INSTALLATION DETAILS	JENS ROSOWSKI	5/29/2020	C
Impact Resistant Windows & Doors	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	EQUAL LEG INSTALLATION DETAILS	JENS ROSOWSKI	5/29/2020	C
Impact Resistant Windows & Doors	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	EQUAL LEG INSTALLATION DETAILS	JENS ROSOWSKI	5/29/2020	C



FIN FRAME



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

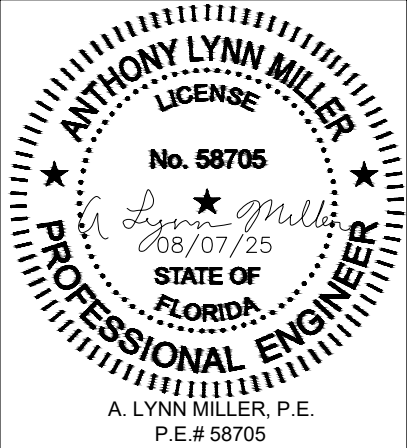
#8 SMS (Fu = 74 KSI MIN.)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

NOTE: HYBRID CONFIGURATIONS (FLANGE FRAME AT
MULLION/ FIN FRAME AT OTHER SIDES) ALLOWED WITH
MULLION. SEE PAGES 8 & 9 FOR FLANGE INSTALLATION
DETAILS.

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			By	JENS ROSOWSKI	DWG No.	HR120LM-NOA
			FIN FRAME INSTALLATION DETAILS		11 OF 14	
			HR120 "SENTINEL"			

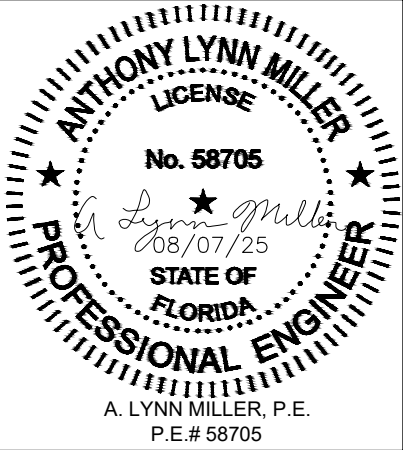


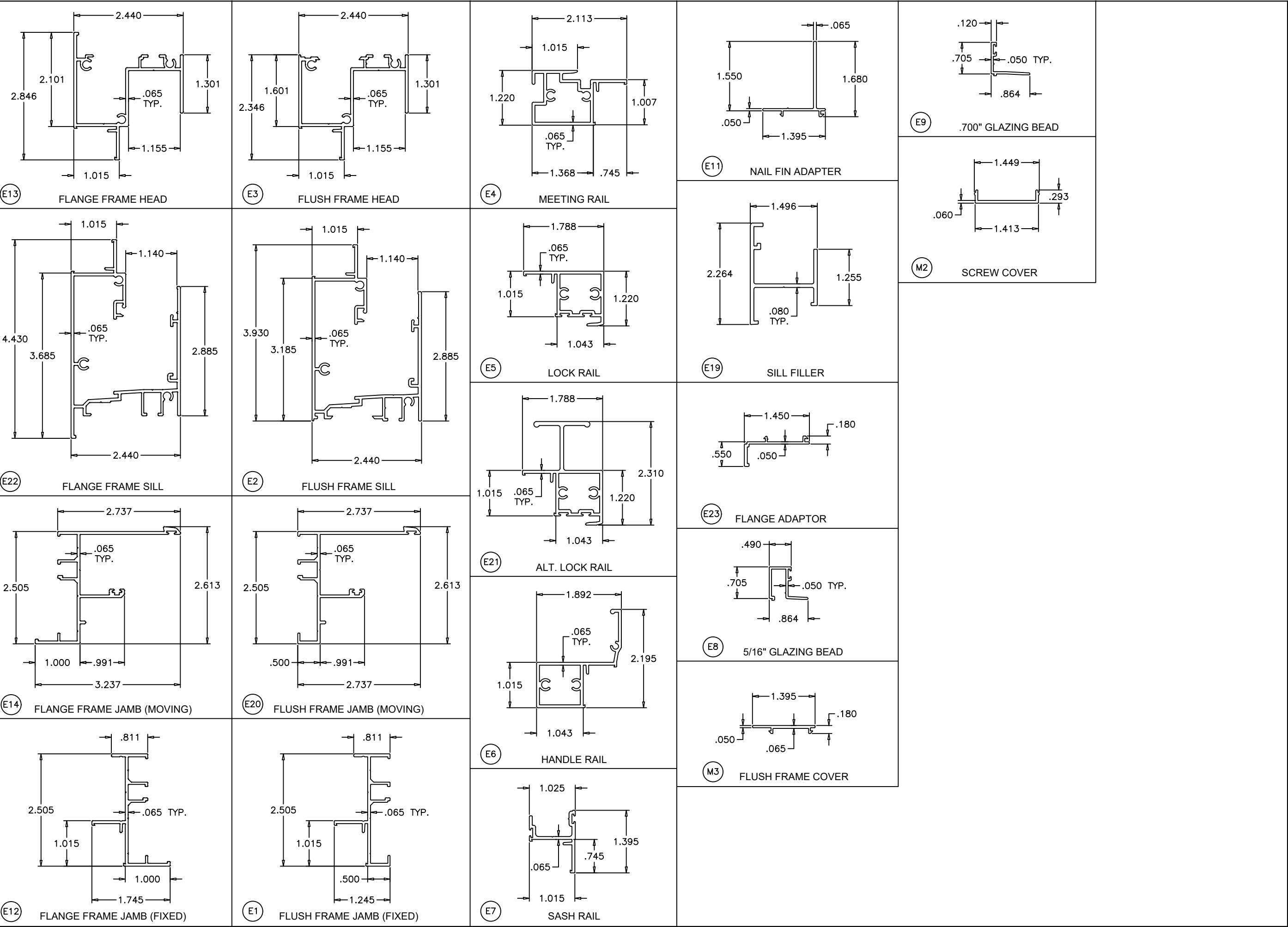
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	CGI-100	—	FRAME JAMB © FIXED GLASS	6063-T6	CGI EXTRUDER
E2	CGI-113	—	FRAME SILL	6063-T6	CGI EXTRUDER
E3	CGI-102	—	FRAME HEAD	6063-T6	CGI EXTRUDER
E4	CGI-103	—	MEETING RAIL	6063-T6	CGI EXTRUDER
E5	CGI-104	—	LOCK RAIL	6063-T6	CGI EXTRUDER
E6	CGI-105	—	HANDLE RAIL	6063-T6	CGI EXTRUDER
E7	CGI-106	—	SASH RAIL	6063-T6	CGI EXTRUDER
E8	CGI-107	—	5/16” GLAZING BEAD	6063-T5	CGI EXTRUDER
E9	CGI-108	—	0.700” GLAZING BEAD	6063-T5	CGI EXTRUDER
E10	CGI-109	—	FRONT FLANGE ADAPTOR	6063-T6	CGI EXTRUDER
E11	CGI-110	—	NAIL FIN ADAPTOR	6063-T6	CGI EXTRUDER
E12	CGI-135	—	TF FRAME JAMB © FIXED GLASS	6063-T6	CGI EXTRUDER
E13	CGI-136	—	TF FRAME HEAD	6063-T6	CGI EXTRUDER
E14	CGI-139	—	TF FRAME JAMB	6063-T6	CGI EXTRUDER
E15	CGI-140	—	1” MUNTIN	6063-T5	CGI EXTRUDER
E16	CGI-141	—	2.5” MULLION	6063-T6	CGI EXTRUDER
E17	CGI-605	—	SCREEN FRAME	6063-T5	CGI EXTRUDER
E18	CGI-114	—	SILL SNAP IN	6063-T6	CGI EXTRUDER
E19	CGI-115	—	SILL FILLER	6063-T6	CGI EXTRUDER
E20	CGI-116	—	FRAME JAMB	6063-T6	CGI EXTRUDER
E21	CGI-117	—	HD LOCK RAIL	6063-T6	CGI EXTRUDER
E22	CGI-138	—	TF FRAME SILL	6063-T6	CGI EXTRUDER
E23	CGI-109	—	FRONT FLANGE ADAPTOR	6063-T6	CGI EXTRUDER
M1	CGI-382V	AS REQD.	GLAZING BULB VINYL (DUROMETER 75-80 SHORE A)	PVC	—
M2	CGI-111	—	SCREW COVER (OPTIONAL)	PVC	—
M3	CGI-112	3” © ANCHORS	EQUAL LEG COVER/SHIM	PVC	—
M4	—	0.700” X 0.040” BEAD	GE1200 SILICONE	SILICONE	GE
M5	—	0.700” X 0.040” BEAD	DOW 791 OR 899	SILICONE	DOW
M6	—	0.700” X 0.040” BEAD	DOW 983 OR 995	SILICONE	DOW
M7	—	2/ LITE	SETTING BLOCK	EPDM	DUROMETER 80±5 SHORE A
M8	—	—	PROTECTO WRAP WATERPROOFING OR EQUIV.	—	—
M9	684	—	ROLLER TRACK	PVC	—
M10	CGI-128	2 PER SASH	ROLLER HOUSING	NYLON	—
M11	W23201NG	—	PILE WITH CENTER FIN	WOOL	ULTRAFAB OR EQUIV.
M12	CGI-129	1 PER SASH	EGRESS LOCK	ALUM.	SULLIVAN
M13	CGI-131	2 PER SASH	HANDLE RAIL END CAP	NYLON	M&M
M14	391-N	1 PER SASH	ANTILIFT BLOCK	NYLON	M&M
M16	CGI-134	—	JAMB SPACER	PVC	PROTOTYPE OR EQUIV.
M17	A30730401-32	1 PER WD.	CAM LOCK	ZINC	TRUTH OR EQUIV.
M18	CGI-132	2PER WD. 2”	SASH STOP	PVC	PROTOTYPE
M19	CGI-111	© FR. HEAD	SCREW COVER	PVC	PROTOTYPE
M20	CGI-125	2PER SASH	SASH CAM (B/T BALANCE)	NYLON	M&M
M22	—	VARIES	HI-FLO WEEP COVERS	PVC	AMESBURY OR EQUIV
M24	HD-12-10106	AS REQUIRED	WEDGE GASKETS +/- 75 DUROMETER	TPV	
S2	—	2 OR 3 PER CORNER	# 10 X 1 1/4” LG. PHL. PH. SMS. ST/ST. ASSEMBLY SCREW	—	—
S3	—	1 1/4” EMBED.	# 8 X 1 1/2” LG. PHL. PH. SMS. FIN ANCHOR SCREW	—	—
S4	—	4 PER WD.	# 8 X 1/2” PH. SMS. ST/ST BALANCE BRACKET SCREW	—	—
S5		2 PER WD.	# 8 X 1” LG. FH. SMS. ST/ST. SPIRAL B. ASSEMBLY	—	—
S6	—	—	# 6 X 1/2” LG. FH. SMS. © CGI-133 & CAM LOCK	—	—
S8	—	4 ©M. RAIL	# 10 X 4” LG. PHL. PH. SMS. ST/ST. ASSEMBLY MEETING RAIL	—	—
S9	—	2 PER ANTILIFT	# 10 X 5/8” LG. PHL. PH. SMS. ST/ST. ANTILIFT SCREW	—	—

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By: *Manuel Ferraz*
Miami-Dade Product Control

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 Impact Resistant Windows & Doors		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296					
		3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590					
		120 ALUM. HORIZONTAL SLIDING WINDOW (LM)		Date	5/29/2020		
		BILL OF MATERIALS		Drawn By	JENS ROSOWSKI		
Series Desc.	HR120 "SENTINEL"	Sheet	12 OF 14	DWG No.	HR120LM-NOA	Rev.	C





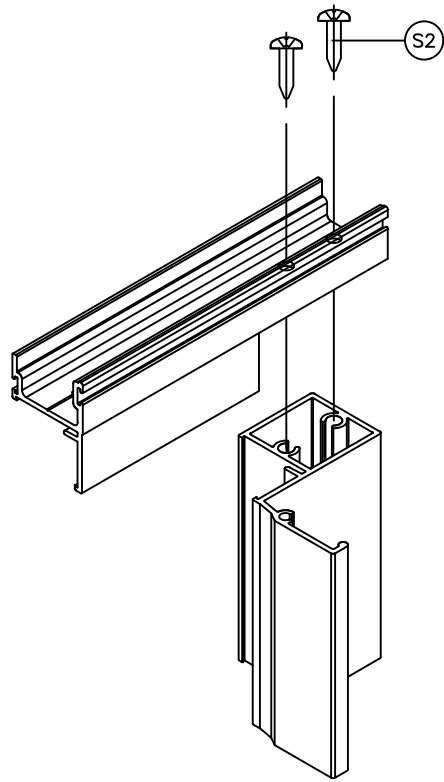
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By: *Manuel Ferrer*
Miami-Dade Product Control

Revision:

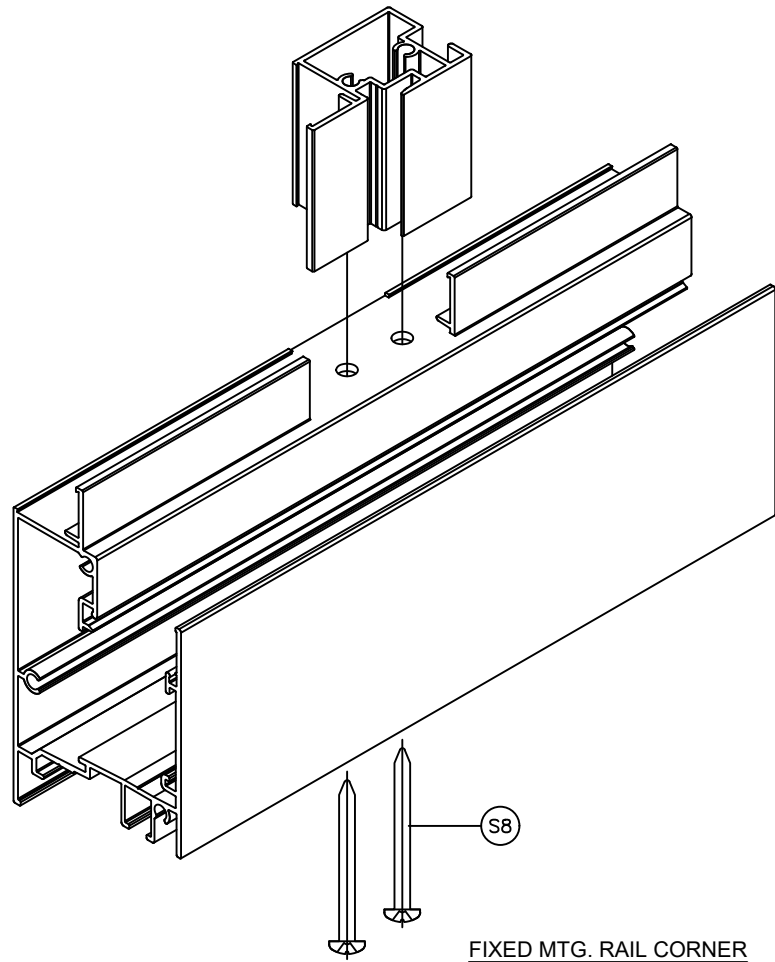
NO CHANGES THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275	(941) 480-1600 REGISTRATION #29296	Date	5/29/2020	JENS ROSOWSKI	Rev.	C
		By				
		No.				
Impact Resistant Windows & Doors	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	120 ALUM. HORIZONTAL SLIDING WINDOW (LM)		EXTRUSIONS	DWG	HR120LM-NOA
		Sheet				
		13 OF 14				
		Title		Series		HR120 "SENTINEL"

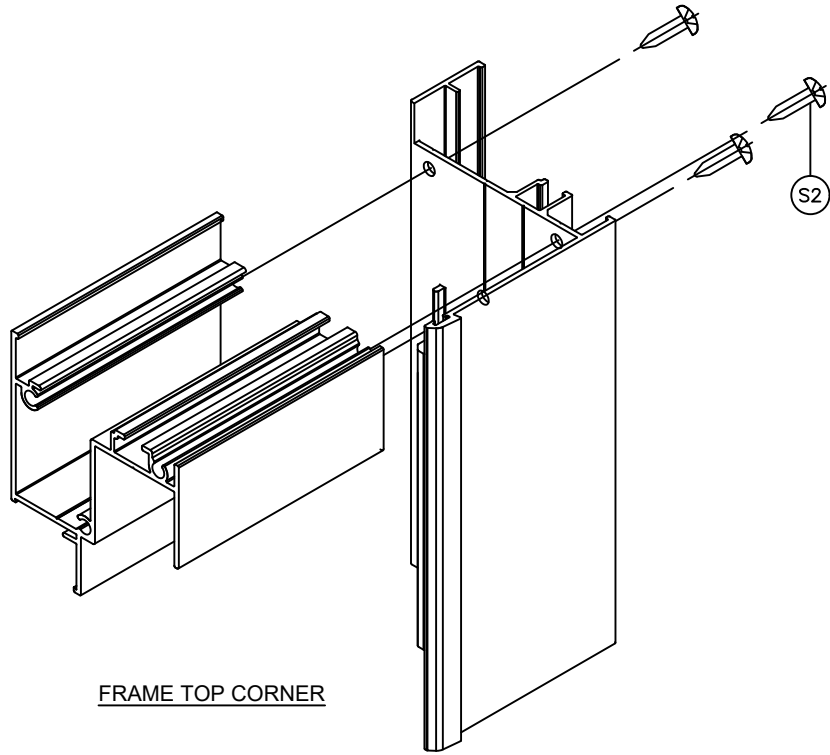
ANTHONY LYNN MILLER
LICENSE
No. 58705
Lynn Miller
08/07/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



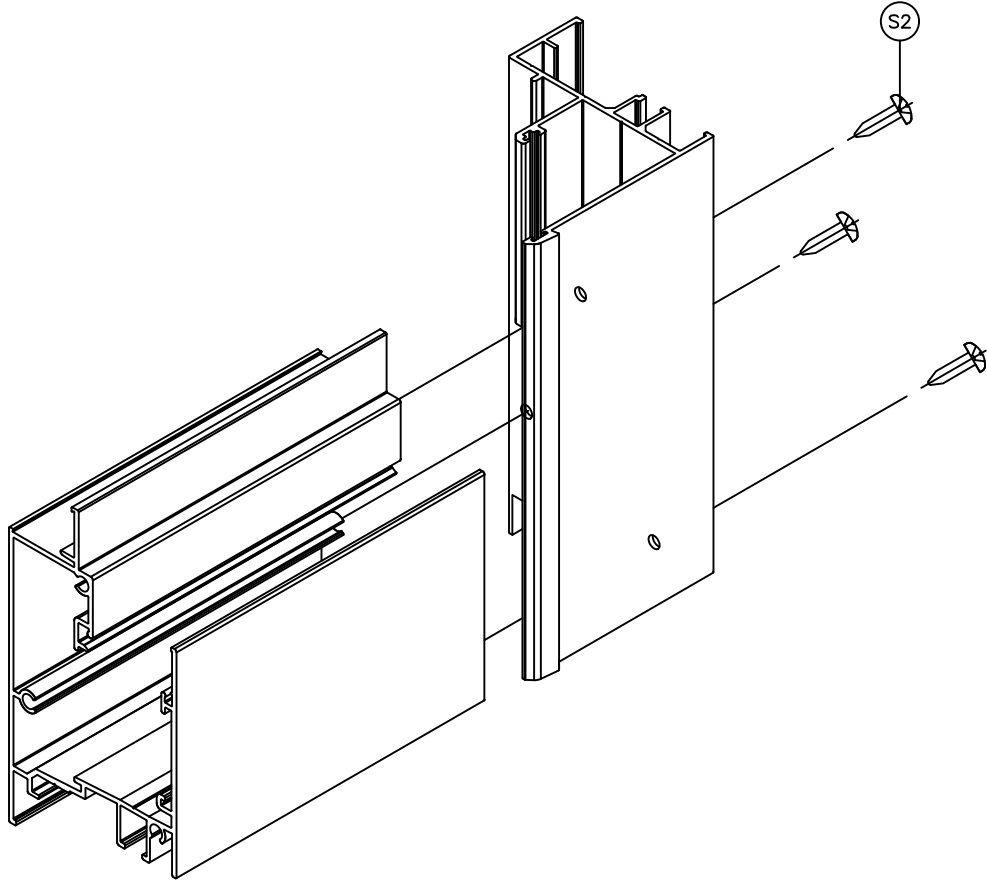
VENT TOP/BOTTOM CORNERS



FIXED MTG. RAIL CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER

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Impact Resistant Windows & Doors 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	120 ALUM. HORIZONTAL SLIDING WINDOW (LM)	CORNER DETAILS	14 OF 14 Sheet	14 OF 14 DWG
HR120 "SENTINEL"	CORNER DETAILS	JENS ROSOWSKI By	HR120LM-NOA Rev.	C

