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
www.miamidade.gov/economy

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

NOTICE OF ACCEPTANCE (NOA)

PGT Industries, LLC
1400 Precision Drive
North Venice, FL 34275

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER – Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "CA-5540" Outswing PVC Casement Window – L.M.L

APPROVAL DOCUMENT: Drawing No. **MD-5540C.0** titled "Vinyl Casement Window (LM)", sheets 1 through 11 of 11, dated 09/09/14, with revision **E** dated 07/07/25, 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. 23-0816.09** 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.**

8/11/25

NOA No. 25-0710.01
Expiration Date: September 17, 2030
Approval Date: August 21, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

I. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
   (Submitted under NOA No. 15-0420.11)
2. Drawing No. **MD-5540C.0** titled "Vinyl Casement Window (LM)", sheets 1 through 11 of 11, dated 09/09/14, with revision **D** dated 07/08/23, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
   (Submitted under NOA No. 23-0816.09)

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. representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: **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) dated 07/13/20, all signed and sealed by Idalmis Ortega, P.E.
   (Submitted under NOA No. 20-0402.03)
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 PVC sliding glass door, a PVC fixed window and an aluminum sliding glass door, using: Kadispace 4SG TPS spacer system, Duraseal® spacer system, Super Spacer® NXT™ spacer system and XL Edge™ spacer system at insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-8717, FTL-8968** and **FTL-8970**, dated 11/16/15, 06/07/16 and 06/02/16 respectively, all signed and sealed by Idalmis Ortega, P.E.
   (Submitted under NOA No. 16-0714.11)

Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0710.01
Expiration Date: September 17, 2030
Approval Date: August 21, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

B. TESTS (CONTINUED)

3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Forced Entry Test, per ASTM F588 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 CA5540/CA5440 vinyl outswing casement windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8179**, dated 03/31/15, signed and sealed by Idalmis Ortega, P.E.
   (Submitted under NOA No. 15-0420.11)
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) 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 series 5540/5440 vinyl fixed windows w/tube mullion, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8174**, dated 03/31/15, signed and sealed by Idalmis Ortega, P.E.
   (Submitted under NOA No. 15-0420.11)
5. Reference Awning Window Test Report No. **FTL-8183**, per TAS 201, 202 & 203-94, with an addendum issued by Fenestration Testing Laboratory, Inc.
   (Submitted under NOA No. 15-0420.11)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 6th Edition (2017), prepared by manufacturer, dated 08/28/15, and revised and updated to the FBC 7th Edition (2020) on 03/25/20, signed and sealed by Anthony Lynn Miller, P.E.
   (Submitted under NOA No. 20-0402.03)
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0710.01
Expiration Date: September 17, 2030
Approval Date: August 21, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

E. MATERIAL CERTIFICATIONS

1. 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.
2. 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.
3. Notice of Acceptance No. **21-1109.04** issued to Vision Extrusions Group Limited, for their "**White Rigid PVC Exterior Extrusions for Windows and Doors**", approved on 03/31/22, expiring on 09/30/24.
4. Notice of Acceptance No. **22-0104.04** issued to Vision Extrusions Group limited for their "**Bronze and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors**", approved on 04/14/22, expiring on 12/29/26.
5. Notice of Acceptance No. **20-0203.04** issued to ENERGI Fenestration Solutions USA, Inc. for their "**Performance Core Rigid PVC Exterior Extrusions for Windows and Doors**" dated 02/27/20, expiring on 04/16/25.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated July 13, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
   (Submitted under NOA No. 23-0816.09
2. Statement letter of no financial interest, dated March 19, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
   (Submitted under NOA No. 20-0402.03
3. Proposal No. **19-1155 TP** issued by the Product Control Section, dated January 10, 2020, signed by Ishaq Chanda, P.E.
   (Submitted under NOA No. 20-0402.03
4. Proposal No. **16-0125** issued by the Product Control Section, dated March 09, 2016, signed by Ishaq Chanda, P.E.
   (Submitted under NOA No. 16-0714.11)
5. Proposal issued by Product Control Section, dated 09/26/14 and revised on 10/15/14, signed by Jaime Gascon, P.E., Supervisor, Product Control Section.
   (Submitted under NOA No. 15-0420.11)

G. OTHERS

1. Notice of Acceptance No. **20-0402.03**, issued to PGT Industries, Inc. for their Series "CA-5540" Outswing PVC Casement Window – L.M.I. approved on 08/13/20 and expiring on 09/17/25.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0710.01
Expiration Date: September 17, 2030
Approval Date: August 21, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **MD-5540C.0** titled "Vinyl Casement Window (LM)", sheets 1 through 11 of 11, dated 09/09/14, with revision **E** dated 07/07/25, 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. **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.
2. 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.
3. Notice of Acceptance No. **24-0618.01**, issued to **Vision Extrusions Group Limited**, for their **White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 07/18/24, expiring on 09/30/29.
4. Notice of Acceptance No. **25-0609.03**, issued to **Vision Extrusions Group Limited**, for their **Tan 3040 and Lighter Shades (Non-White) Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 07/10/25, expiring on 02/04/31.
5. Notice of Acceptance No. **24-0401.07**, issued to **Vision Extrusions Group Limited**, for their **Black and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 05/09/24, expiring on 07/28/27.
6. Notice of Acceptance No. **23-0830.05**, issued to **Vision Extrusions Group Limited**, for their **VE 1000 Tan 202 and Lighter Shades (Non-White) Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 10/26/23, expiring on 12/29/26.
7. Notice of Acceptance No. **24-0618.02**, issued to **Vision Extrusions Group Limited**, for their **Painted or Laminated White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 07/18/24, expiring on 09/30/29.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0710.01
Expiration Date: September 17, 2030
Approval Date: August 21, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED (CONTINUED)

E. MATERIAL CERTIFICATIONS (CONTINUED)

8. Notice of Acceptance No. **23-0830.03,** issued to **Vision Extrusions Group Limited,** for their **VE 2000 Tan 202 and Lighter Shades (Non-White) Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 10/26/23, expiring on 01/23/29.
9. Notice of Acceptance No. **23-0830.04,** issued to **Vision Extrusions Group Limited,** for their **White Rigid Cellular PVC Exterior Extrusions for Windows and Doors**, approved on 10/26/23, expiring on 01/23/29.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated July 07, 2025, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest, dated July 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 12/24/24 by Ms. April Lee, Assistant General Counsel.
4. Florida Department of State, Division of Corporation listing # L24000142070 of PGT Industries LLC as active status since 12/17/24.
5. Florida Department of State, Division of Corporation listing # F03387 of PGT Industries, Inc as Inactive status.
6. PGT Name change organization chart layout prepared by RER (for file use only).

G. OTHERS

1. Notice of Acceptance No. **23-0816.09**, issued to PGT Industries, Inc. for their Series "CA-5540" Outswing PVC Casement Window – L.M.I." approved on 09/07/23 and expiring on 09/17/25.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0710.01
Expiration Date: September 17, 2030
Approval Date: August 21, 2025

SERVICE CAVITY IMPACT RESISTANT VINYL CASEMENT WINDOW

(1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 2023 EDITION (8TH EDITION) (2020 NFPA 5000 CODE CYCLE)

(2) EXCEPTIONS ARE NOT REQUIRED WHERE LOCAL CODE OR JURISDICTIONAL DESIGN REVIEW FOR WIND LOAD DESIGN INCLUDE FLYING DEBRIS OF AT LEAST THE SIZE, THE OUTDOOR LITELOAD IMPACT TEMPERED.

(3) FOR WINDBORNE APPLICATIONS OF WINDLOADS ONLY (NO FLYING DEBRIS) SEE TABLE 2-1 FOR WINDBORNE DESIGN PRESSURES AND SIZES. ANY PRODUCT USED FOR WINDLOAD APPLICATIONS MUST BE INSTALLED WITH ANCHORS AS SPECIFIED IN THIS DRAWING. ANCHORS ARE NOT PROVIDED BY PGT. ANCHORS SHALL BE SELECTED BY THE CONTRACTOR OR INSTALLER BASED ON THE SUBSTRATE TO WHICH THE PRODUCT IS BEING INSTALLED. THE CONTRACTOR OR INSTALLER IS RESPONSIBLE FOR ENSURING THAT THE ANCHORS SELECTED ARE SUITABLE FOR THE SUBSTRATE AND ARE INSTALLED IN ACCORDANCE WITH THE ANCHOR MANUFACTURER'S INSTRUCTIONS. THE ENGINEER OF RECORD FOR THE PROJECT IS RESPONSIBLE FOR SPECIFYING THE APPROPRIATE ANCHORS FOR THE SUBSTRATE AND ENSURING THAT THE INSTALLATION COMPLIES WITH THE MANUFACTURER'S INSTRUCTIONS.

(4) ALL WINDOW ASSEMBLIES (UNITS 1-27 THICK) ARE TO BE CONSIDERED AS INSTALLATIONS IN WHICH THE GLASS AND OPENING IS NOT IN THE FALLING ENERGY PATH WHEN IMPACTED. WINDOWS WHERE THE GLASS OR OPENING IS NOT IN THE FALLING ENERGY PATH SHALL BE CONSIDERED AS SMALL AND LARGE MISSILE IMPACT RESISTANT AND SHALL BE PROTECTED WITH AN APPROVED IMPACT RESISTANT COVERING THAT IS DESIGNED AND ATTACHED TO PREVENTION OF PENETRATION TO THE STRUCTURE. WHERE GLASS OPENING ARE NOT PROTECTED OR IF ANY PART OF THE ASSEMBLY DOES NOT COMPLY WITH THE APPLICABLE IMPACT TEST CRITERIA, THE ENTIRE ASSEMBLY SHALL BE CONSIDERED AS AN OPENING IN THE BUILDING ENVELOPE.

(5) WINDOW ASSEMBLIES TO BE INSTALLED SHALL BE RATED FOR THE DESIGN PRESSURE (DP) REQUIRED BY THE APPLICABLE BUILDING CODE. THE DESIGN PRESSURE RATING OF THE WINDOW SHALL BE EQUAL TO OR GREATER THAN THE DESIGN PRESSURE REQUIRED BY THE APPLICABLE BUILDING CODE. THE SIZE OF THE WINDOW TESTED SHALL BE EQUAL TO OR LARGER THAN THE SIZE OF THE WINDOW BEING SPECIFIED FOR THE PROJECT. WINDOWS SMALLER THAN THE TESTED SIZE SHALL BE CONSIDERED AS PROTECTED IF THEY MEET THE REQUIREMENTS OF SECTION 1626.2.1 OF THE 2023 FLORIDA BUILDING CODE, 8TH EDITION (2020 NFPA 5000 CODE CYCLE). THE SMALLER WINDOW SHALL BE CONSIDERED AS PROTECTED IF THE GLASS AND OPENING ARE NOT IN THE FALLING ENERGY PATH WHEN IMPACTED BY THE SPECIFIED LITELOAD IMPACT TEMPERED.

(6) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED AND SELECTED TO MEET THE MINIMUM CRITERIA SPECIFIED IN THE APPLICABLE BUILDING CODE. THE ANCHORAGE METHODS SHOWN ARE BASED ON THE MINIMUM SUBSTRATE THICKNESS AND EDGE DISTANCE SPECIFIED IN THE DETAILS. THE ENGINEER OF RECORD FOR THE PROJECT SHALL BE RESPONSIBLE FOR SPECIFYING ANCHORS THAT COMPLY WITH THE APPLICABLE BUILDING CODE. FOR SUBSTRATES OR EDGE DISTANCES LESS THAN THOSE SPECIFIED IN THE DETAILS, THE ENGINEER OF RECORD SHALL SELECT ANCHORS THAT COMPLY WITH THE APPLICABLE BUILDING CODE. FOR SUBSTRATES OR EDGE DISTANCES LESS THAN THOSE SPECIFIED IN THE DETAILS, THE ENGINEER OF RECORD SHALL SELECT THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 8TH EDITION (2020 NFPA 5000 CODE CYCLE).

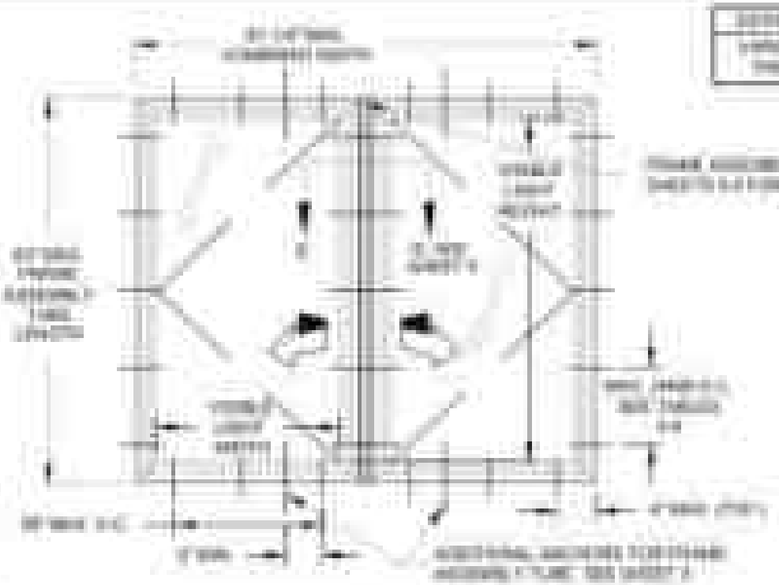
(7) SEE SHEET 3 FOR ADDITIONAL NOTES & DETAILS.

(8) FOR ADDITIONAL TITLE INFORMATION, SEE TITLE SHEET (SHEET 1).

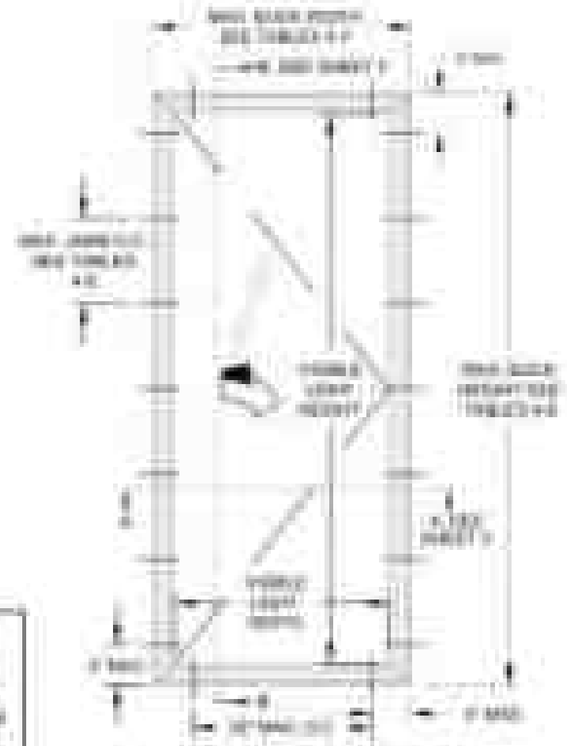
(9) APPLICABLE CODES AND REQUIREMENTS:
- 2023 FLORIDA BUILDING CODE, 8TH EDITION
- ASTM E 1300-16
- AISI S100-16 (R2020) NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS
- ALUMINUM DESIGN MANUAL, 2020 EDITION
- ACI 318-19
- ASCE 7-16

(10) FRAME FASTENERS OR INTERNAL REINFORCEMENT MAY BE REQUIRED AT CORNERS OR MULLIONS. SEE DETAILS.

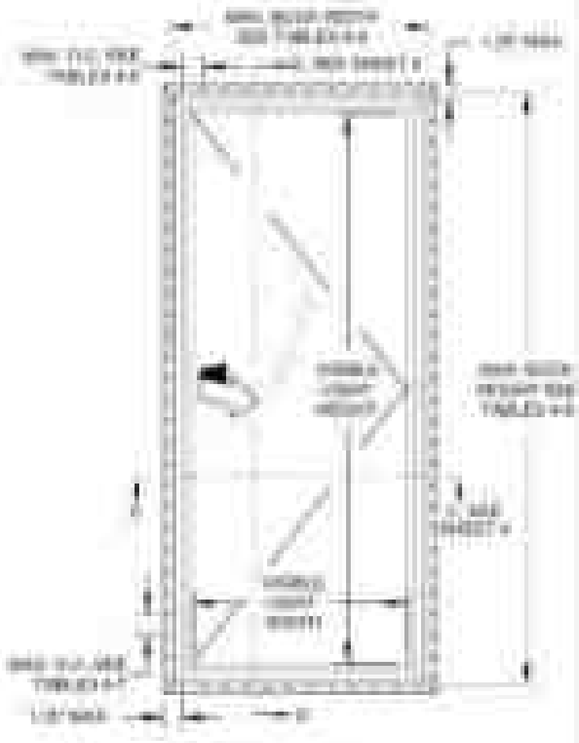
DESIGN PRESSURE RATING	IMPACT RATING
+/-60.0 PSF (SEE DETAILS, SHEETS 4-5)	LARGE MISSILE IMPACT RESISTANT (SEE DETAILS)



TYP. 4-9 EQUAL LEG BOX & FLANGE FRAME ANCHORAGE



TYP. EQUAL LEG BOX & FLANGE FRAME ANCHORAGE



TYP. INTEGRAL FIN & J CHANNEL FRAME ANCHORAGE

LOCATION	DRAWING
GENERAL NOTES & ELEVATIONS	1
FRAME, GLASS & MULLION DETAILS	2
INSTALLATION, FLANGE & FOUND. DTL.	3
INSTALLATION, INTERNAL FIN & J CHANNEL	4
FRAME ASSEMBLY TUBE	5-6
GLASS AND GASKET	7
SCREEN AND GRADES	8-9
SCREEN ASSEMBLY	10-11

PRODUCT REVISED
In complying with the Florida Building Code
NOA No. 23-0719.01
Expiration Date: 08/17/2028
By: [illegible]
Miami-Dade Product Control

DRAWING REVISED
REFERENCE - A8
UPDATE NOTE 6 - A8

DRAWING REVISIONS		
DESCRIPTION	DATE	BY
ADDED NOTE 10	10/17/23	A. MORELEIN

PGT
PGT WINDOWS & DOORS
GENERAL NOTES & ELEVATIONS
DRAWING NO. 1
SHEET NO. 1 OF 11

WESTERN LYNN MILLER
LICENSE
No. 68705
STATE OF Florida
PROFESSIONAL ENGINEER

Glass Type	Description	Table #	Sheet #
1	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Annealed (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	4	6
2	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Annealed (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	5	6
3	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Laminated (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	6	6
4	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Laminated (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	6	6
5	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Annealed (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	7	6
5C	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Annealed (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	7	6
5T	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Annealed (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	7	6
5Z	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Annealed (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	7	6
7A	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Laminated (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	8	6
7H	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Laminated (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	8	6
7C	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Laminated (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	9	6
7M	1/8" Laminated (-) - 1/8" Air Space (Typ.) - 1/8" Laminated (+) | See all 1/8" A Glass with SAINT-GOBAIN Interlayer	9	6

Group	Section	Substrate	Min. Edge Distance	Min. Embedment
A	#10 SMS Metal, TEKS, or #14 SDS	Stainless Steel 304/316	1/2"	1"
		Steel, A36*	1/2"	1"
		Steel Deck 18MSG or Thicker	3/8"	1" (1 1/2" for SDS)
		Aluminum, 6061-T6*	1/2"	1"
	1/4" Steel Wood or Masonry	Stainless Steel 304/316	1/2"	1"
		Steel, A36*	1/2"	1"
		Steel Deck 18MSG or Thicker	3/8"	1" (1 1/2" for SDS)
		Aluminum, 6061-T6*	1/2"	1"
	1/4" Steel Washer	Stainless Steel 304/316	1/2"	1"
	1/4" Steel Hex Washer	Steel, A36*	1/2"	1"
B	#10 SMS Metal, TEKS, or #14 SDS	Stainless Steel 304/316	1/2"	1"
		Steel, A36*	1/2"	1"
		Steel Deck 18MSG or Thicker	3/8"	1" (1 1/2" for SDS)
		Aluminum, 6061-T6*	1/2"	1"
	1/4" Steel Washer	Stainless Steel 304/316	1/2"	1"
	1/4" Steel Hex Washer	Steel, A36*	1/2"	1"
C	1/4" Steel Washer	Stainless Steel 304/316	1/2"	1"
	1/4" Steel Washer	Steel, A36*	1/2"	1"
	1/4" Steel Washer	Concrete*	1 1/2"	1"
	1/4" Steel Washer	Aluminum, 6061-T6*	1/2"	1"
	1/4" Steel Washer	Stainless Steel 304/316	1/2"	1"
	1/4" Steel Washer	Steel Deck 18MSG or Thicker	1/2"	1"
	1/4" Steel Hex Washer	Stainless Steel 304/316	1/2"	1"

Group	Section	Substrate	Min. Edge Distance	Min. Embedment
A	1/4-20 Machine Bolting Set	Stainless Steel 304/316	3/4"	1 1/2"
		Steel, A36*	1/2"	1"
	#12 Thermaspan SMS Metal, TEKS, or #14 SDS	Aluminum, 6061-T6*	3/4"	1"
		Steel Deck, 18 - 20*	3/4"	1" (1 1/2" for SDS)
		Metal, 16 GA*	3/4"	1"
	#12 SMS Metal, TEKS, or #14 SDS	Stainless Steel 304/316	3/4"	1 1/2"
		Aluminum, 6061-T6*	3/4"	1"
		Steel Deck, 18 - 20*	3/4"	1"
		Metal, 16 GA*	3/4"	1"









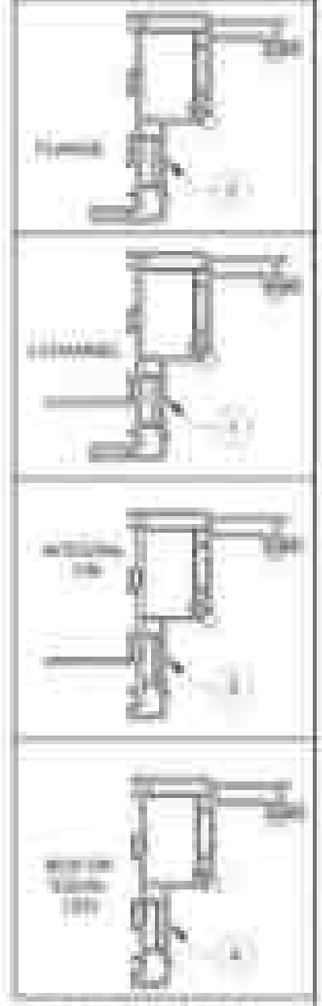


Material	Min. T	Min. H
Steel, 16 GA	60 mil	1500 mil
Steel, 14 GA	80 mil	1500 mil
Steel, 12 GA	105 mil	1500 mil
Steel, 7 GA (Typical Tube Steel)	177 mil	1500 mil
Steel, 3/16"	187 mil	1500 mil
Steel, 1/4"	250 mil	1500 mil
Steel, 5/16"	312 mil	1500 mil
Steel, 3/8"	375 mil	1500 mil
Steel, 1/2"	500 mil	1500 mil
Aluminum, 6061-T6	125 mil	1500 mil
Aluminum, 6063-T5	125 mil	1500 mil
Aluminum, 6063-T6	125 mil	1500 mil
Aluminum, 6061-T6	250 mil	1500 mil
Aluminum, 6063-T5	250 mil	1500 mil
Aluminum, 6063-T6	250 mil	1500 mil
Aluminum, 6061-T6	375 mil	1500 mil
Aluminum, 6063-T5	375 mil	1500 mil
Aluminum, 6063-T6	375 mil	1500 mil
Aluminum, 6061-T6	500 mil	1500 mil
Aluminum, 6063-T5	500 mil	1500 mil
Aluminum, 6063-T6	500 mil	1500 mil

Part #	Description	Material
1100	Commercial 4500 Thin Subset System	Data Sets Shown for Reference
1201	Stainless Steel Special HP with Hot Melt Butyl	
1202	Stainless Standard System	
1203	Certified SL Edge System	

REFERENCE TEST REPORTS: PTL-0111 (see Limits)

1. SEAL OF CHANGES BETWEEN TWO SPECIAL SUBSTRATES, FOR STEEL STUDS, SEE NOTE 4 ON SHEET 6
2. "MINIMUM EDGE DISTANCE MAY BE USED FOR GLASS TO GLASS APPLICATIONS
3. ALL MACHINE SCREW TYPES ACCEPTABLE



PRODUCT REVISED
As complying with the Florida Building Code
with the: 2020 FBC
Inspector Date: 08/17/2020
By: [illegible]
Miami-Dade Product Control

NO CHANGES IN THIS SHEET

DATE	08/17/2020
SCALE	AS NOTED
DRAWN BY	A. MOELLER
CHECKED BY	[illegible]
APPROVED BY	[illegible]
DWG. NO.	[illegible]
REVISIONS	[illegible]

PGT

WESTERN LYNN MILLER
LICENSE
No. 68729
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

INSTALLATION DETAILS FOR FLANGE & EQUAL-LEG/BOX FRAMES

INSTALLATION OPTION 1

INSTALLATION OPTION 2

INSTALLATION OPTION 3

HORIZONTAL SECTION A-A

VERTICAL SECTION B-B

INSTALLATION OPTION 4

INSTALLATION OPTION 5

INSTALLATION OPTION 6

NOTES

VISIBLE LIGHT FORMULAS

PRODUCT REVISED
As complying with the Florida Building Code
NOA No. 23-0719.01
Expiration Date: 08/17/2028
By:
Miami-Dade Product Control

NO CHANGES IN THIS SHEET

PGT

WINGUARD

STEEL CASEMENT WINDOW SYSTEM

INSTALLATION DETAILS

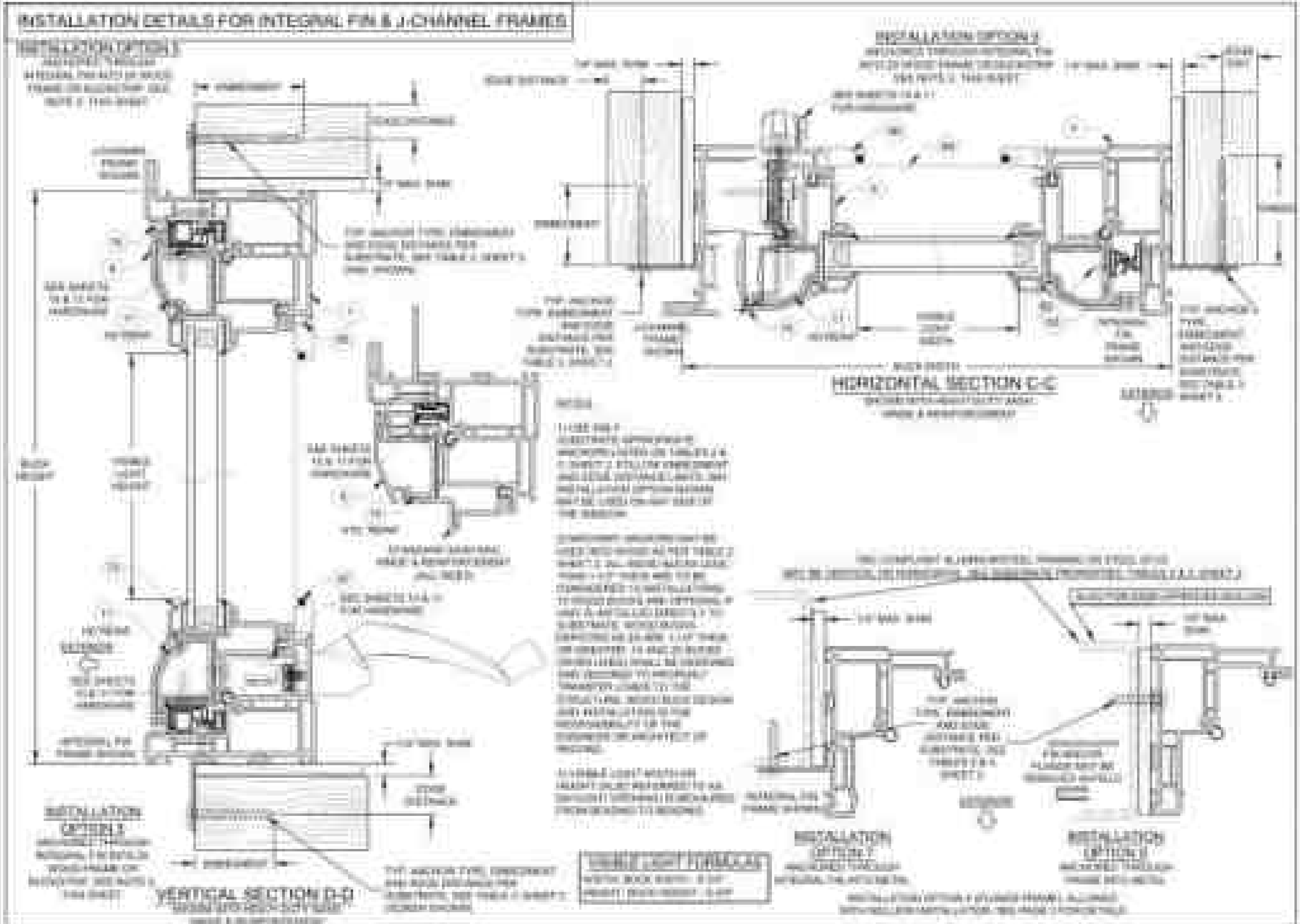
SCALE: 3/4" = 1'-0"

DRAWN BY: A. MORENO

DATE: 08/17/2023

SHEET NO.

ARTHUR LYNN MILLS
LICENSE
No. 58750
STATE OF
Florida
PROFESSIONAL ENGINEER



PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0719.01
Expiration Date 09/17/2030
By
Miami-Dade Product Control

NO CHANGES IN THIS SHEET

PGT

VINYL CASEMENT WINDOW (LM)

INST. INTEGRAL FIN & J-CHNL

A. LYNN MILLER

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

ILLUSTRATION OF CASEMENT-TO-CASEMENT (X-X)

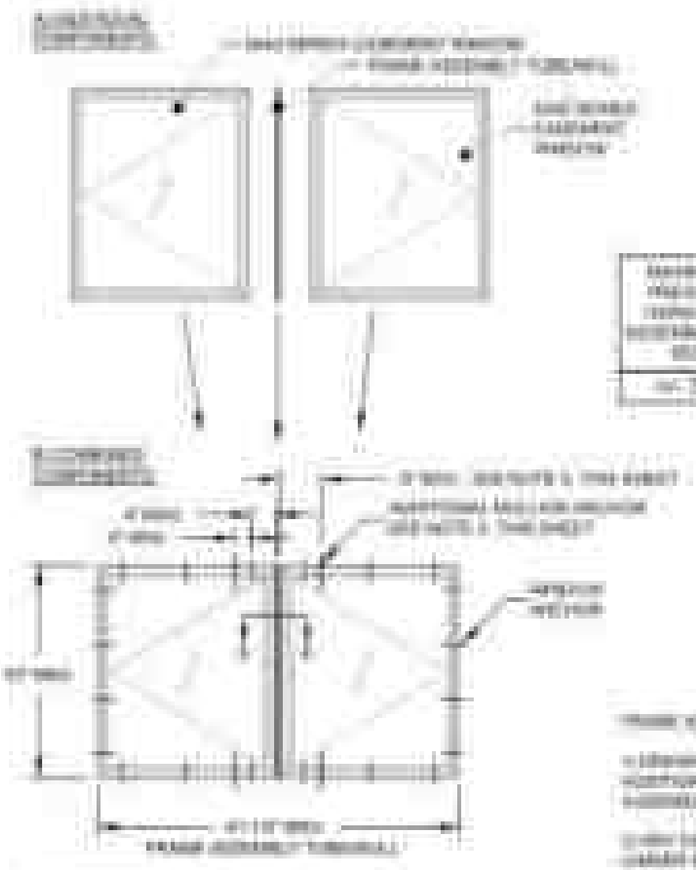
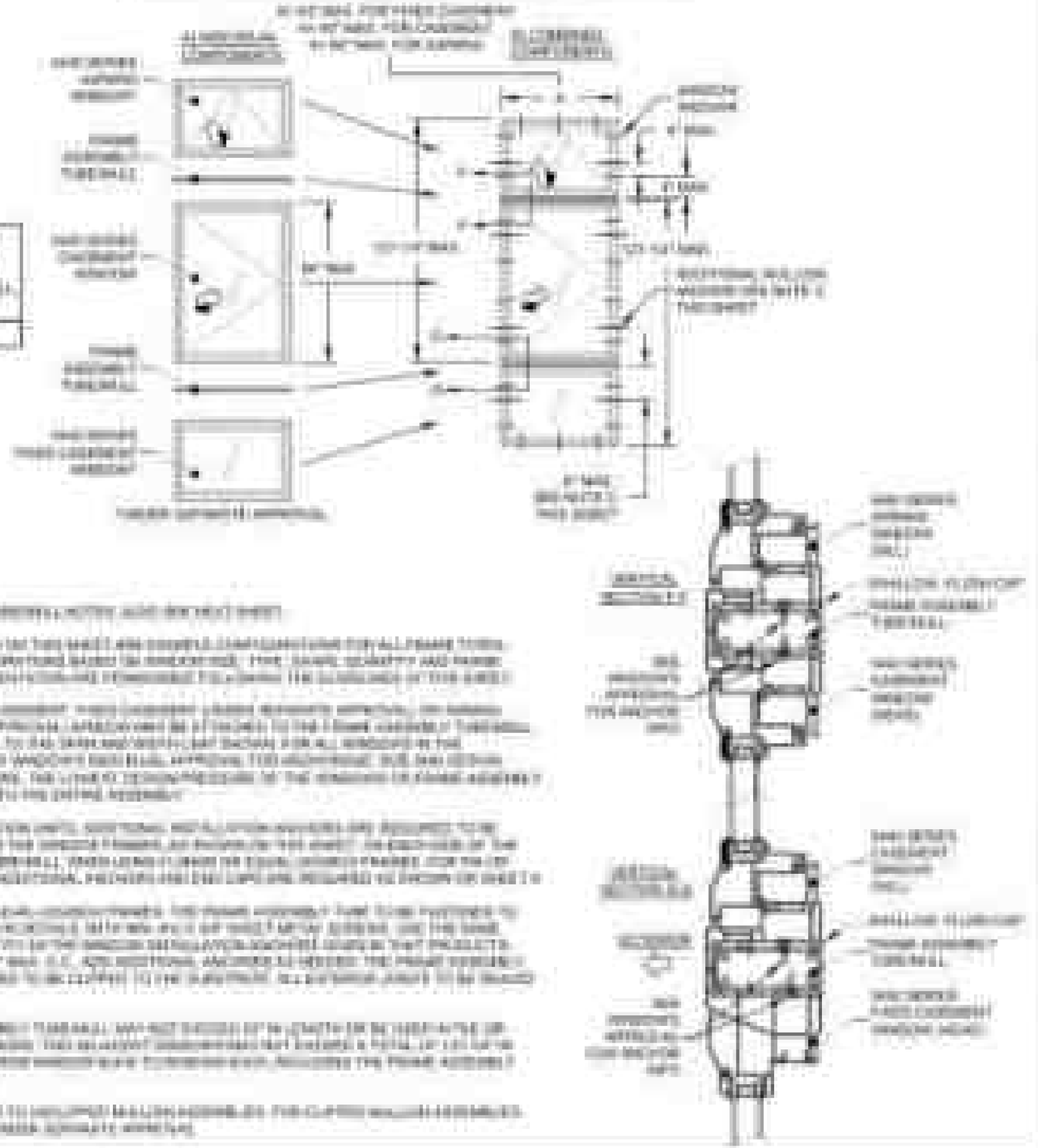


ILLUSTRATION OF AWNING-TO-CASEMENT-TO-FIXED CASEMENT (X/X/O)



PRODUCT REVISED
In complying with the Florida Building Code
NOA No. 23-0719.01
Expiration Date: 08/17/2028
By: [illegible]
Miami-Dade Product Control

NO CHANGES IN THIS SHEET

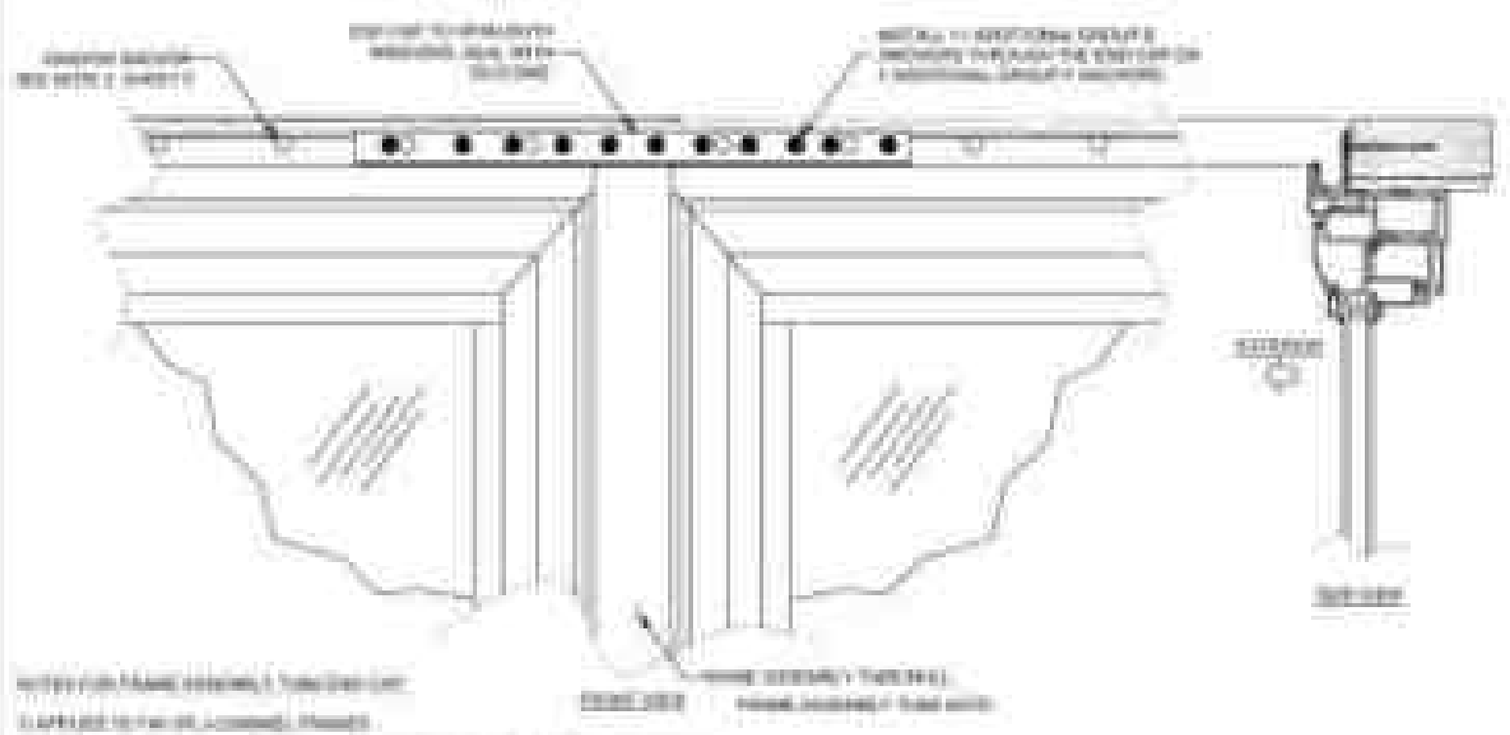
DRAWN BY: A. MOELLER	DATE: 08/17/23	SCALE: AS NOTED	SHEET NO.
CHECKED BY:			

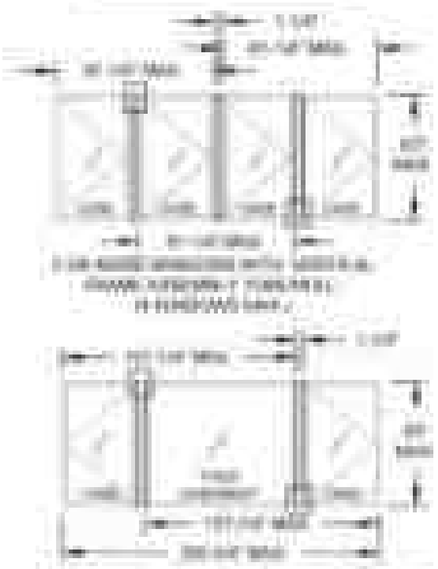
CASEMENT WINDOWS

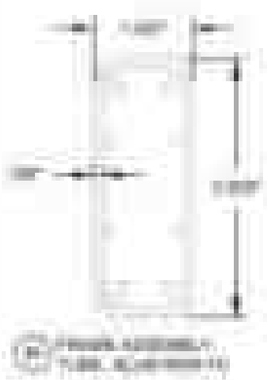
PGT

PGT INDUSTRIES, INC.
1070 TECHNOLOGY DRIVE
NORTH VENICE, FL 34275
(941) 480-1600
VERO BEACH, FL 32960
(772) 770-5500

ILLUSTRATION OF END CAP USE WITH FIN AND J-CHANNEL FRAMES

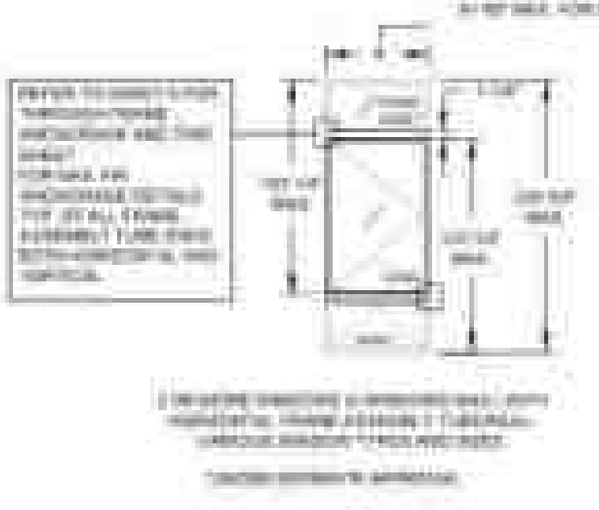


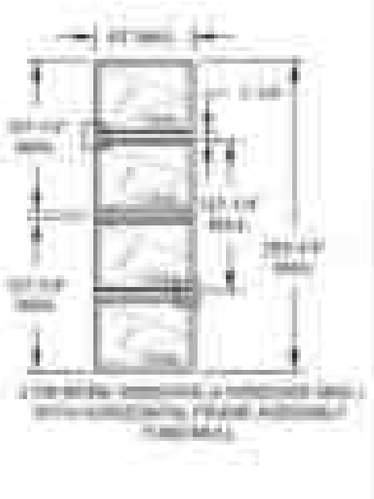












PRODUCT REVISED
to complying with the Florida Building Code
NOA No. 23-0719.01
Expiration Date: 08/17/2028
Approval Date:
Miami-Dade Product Control

NO CHANGES IN THIS SHEET

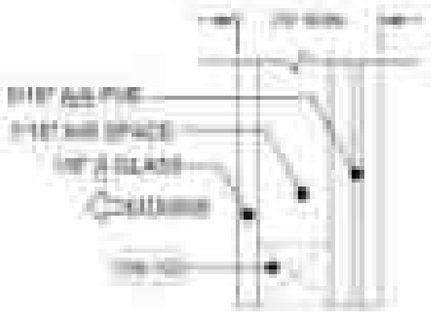
PGT

PGT INDUSTRIES
1070 E. CADENCE BOULEVARD
VENICE, FLORIDA 34292
PHONE: (941) 486-0600
FAX: (941) 486-0667
WWW.PGTINDUSTRIES.COM

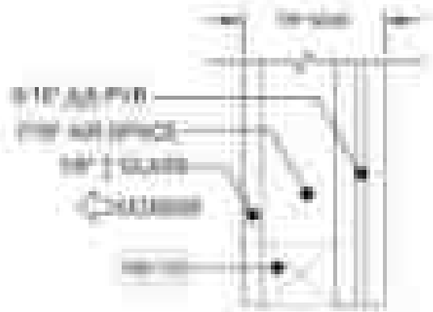
ALTERNATE ENTRANCE DOOR
WITH FIN AND J-CHANNEL FRAMES

DATE	BY
08/08/23	AL
11/10/23	AL
12/5/23	AL

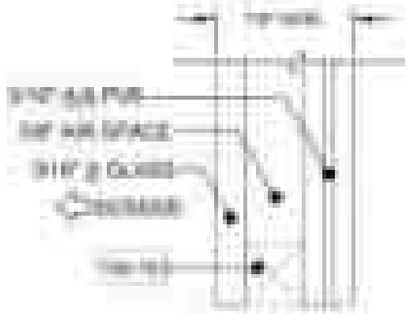
ARTHUR LYNN MILLER
LICENSE
No. 68758
STATE OF
FLORIDA
PROFESSIONAL ENGINEER



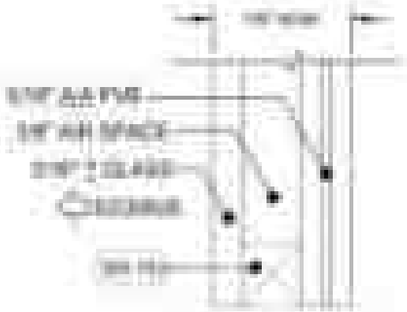
GLASS TYPE 5



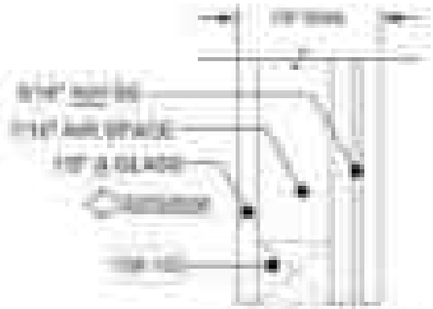
GLASS TYPE 6



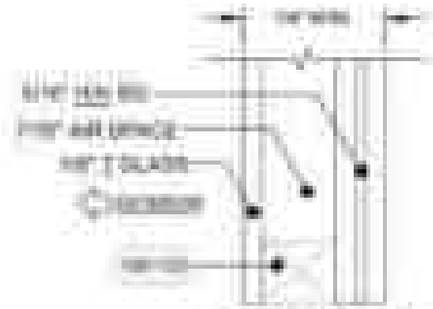
GLASS TYPE 7



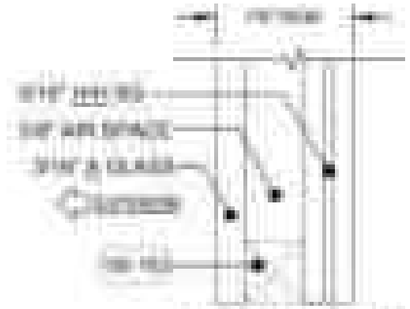
GLASS TYPE 8



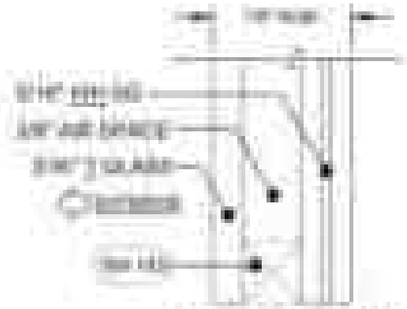
GLASS TYPE 9



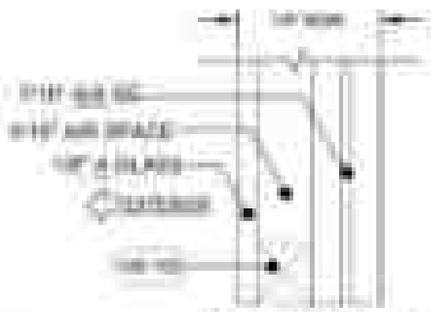
GLASS TYPE 10



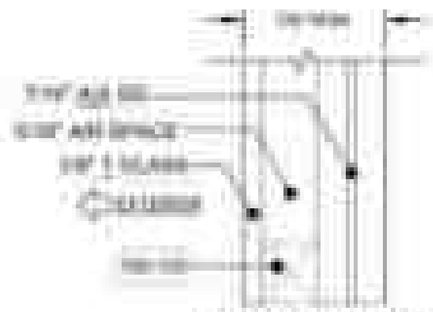
GLASS TYPE 11



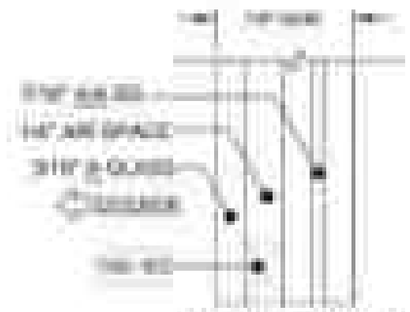
GLASS TYPE 12



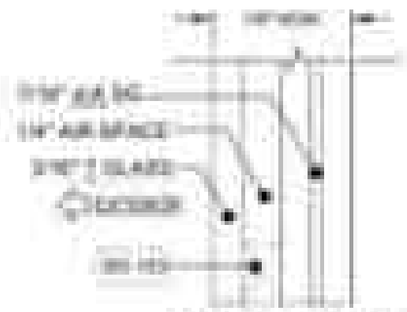
GLASS TYPE 13



GLASS TYPE 14



GLASS TYPE 15



GLASS TYPE 16

GLASS NOTES





PRODUCT REVISED
to comply with the Florida Building Code
NOA No. 22-0715.01
Expiration Date: 08/17/2026
By:
Miami-Dade Product Control

NO CHANGES IN THIS SHEET

PGT

VINYL CASEMENT WINDOW SYSTEM

DESIGN PRESSURE

CASE

A. MORELEIS

SHEET

ARTHUR LYNN MILLS
License
No. 68758
STATE OF
Florida
PROFESSIONAL ENGINEER

TABLE A

Window Design Pressure (+/- psf)

[illegible]

TABLE B

Window Design Pressure (+/- psf)

[illegible]

NOTES:

[illegible]

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 25-0719.01
Expiration Date 08/17/2030
By [illegible]
Miami-Dade Product Control

NO CHANGES IN THIS SHEET

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VINYL CASEMENT WINDOW LMI

ANCHORAGE/DESIGN PRESSURES

A. MORLEEN

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

TABLE 1

Window Design Pressure (N/m²)

Design Designation	Size (mm)													
Wind Zone 1														

TABLE 2

Window Design Pressure (N/m²)

Design Designation	Size (mm)													
Wind Zone 2														

TABLE 3

Window Design Pressure (N/m²)

Design Designation	Size (mm)													
Wind Zone 3														

PRODUCT REVISED
In complying with the Florida Building Code
With No. 22-0715.01
Expiration Date: 08/17/2026
By: [illegible]
Miami-Dade Product Control

NO CHANGES IN THIS SHEET

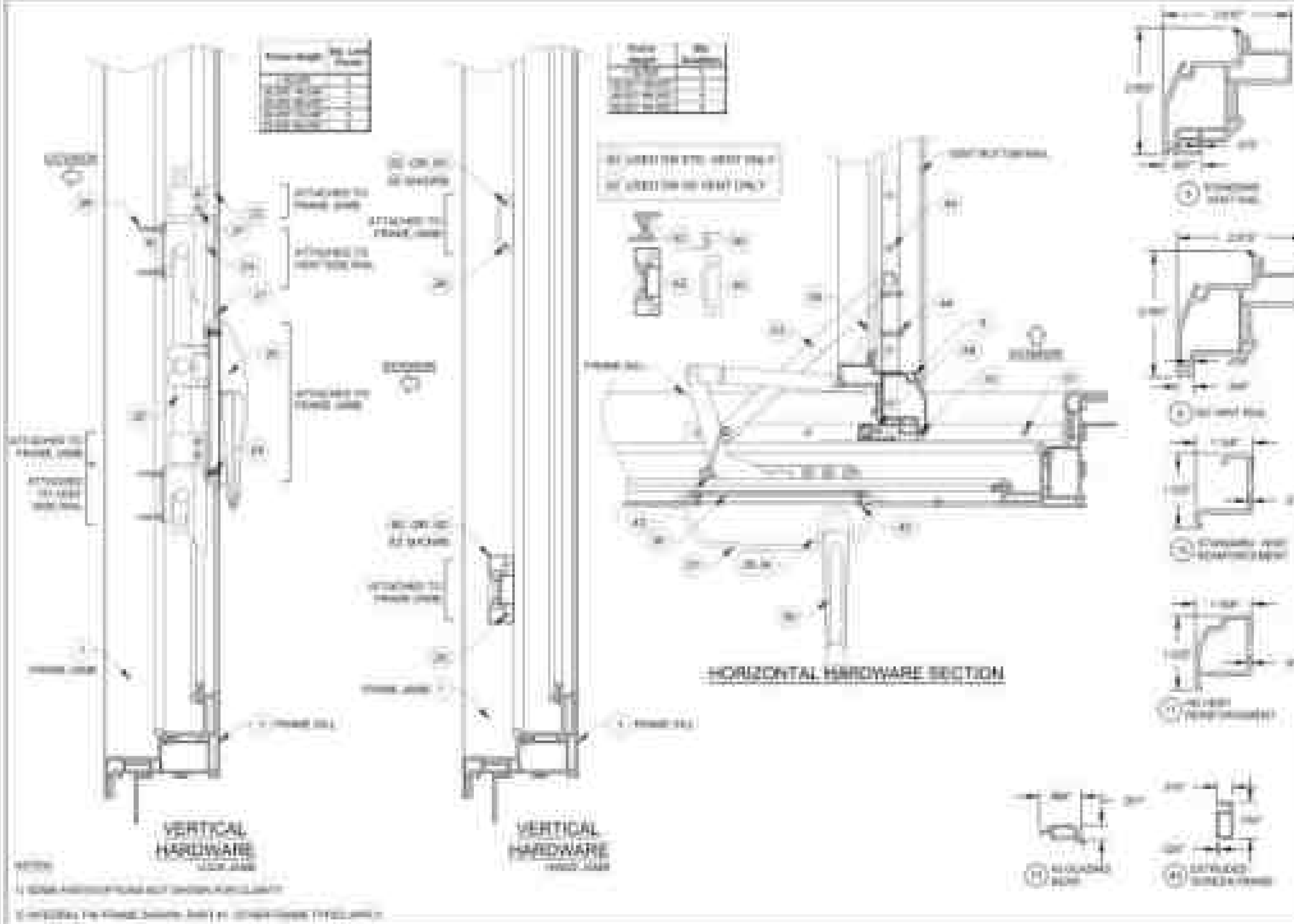
DRAWN BY:	A. MORALES
CHECKED BY:	
DATE:	
SCALE:	
JOB NO.	
SHEET NO.	

PGT
PGT CALIFORNIA WINDOW LLC
1070 CAMINO DORADO
LINCOLN, CA 95648

NEVILLE LYNN WILLIS
License
No. 92715
STATE OF FLORIDA
PROFESSIONAL ENGINEER

NOTES
1. [illegible]

2. FOR GLASS NOT SHOWN, REFER TO THE MOST AVAILABLE NOTES OR DESIGN CRITERIA.



PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0719.01
Expiration Date 08/17/2030
By
Miami-Dade Product Control

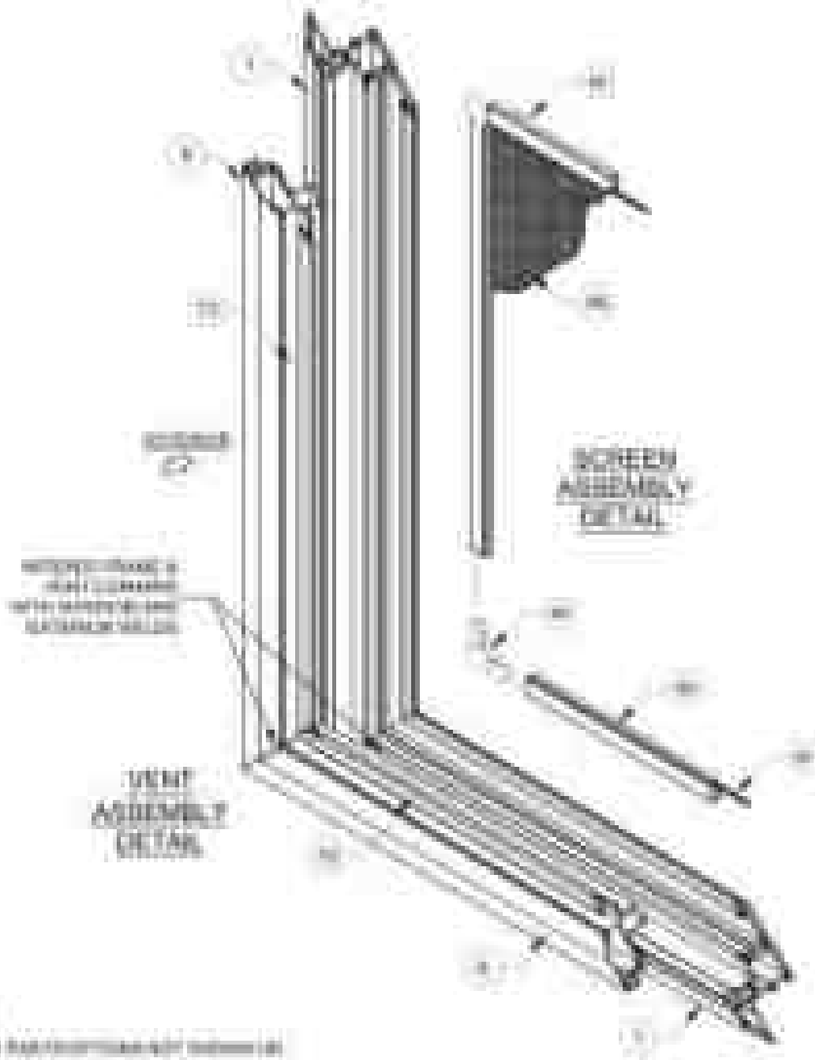
NO CHANGES IN THIS SHEET

VINYL CASEMENT WINDOW LMI

EXTRUSION PROFILES

ANTHONY LYNN MILLER
LICENSE
No. 58750
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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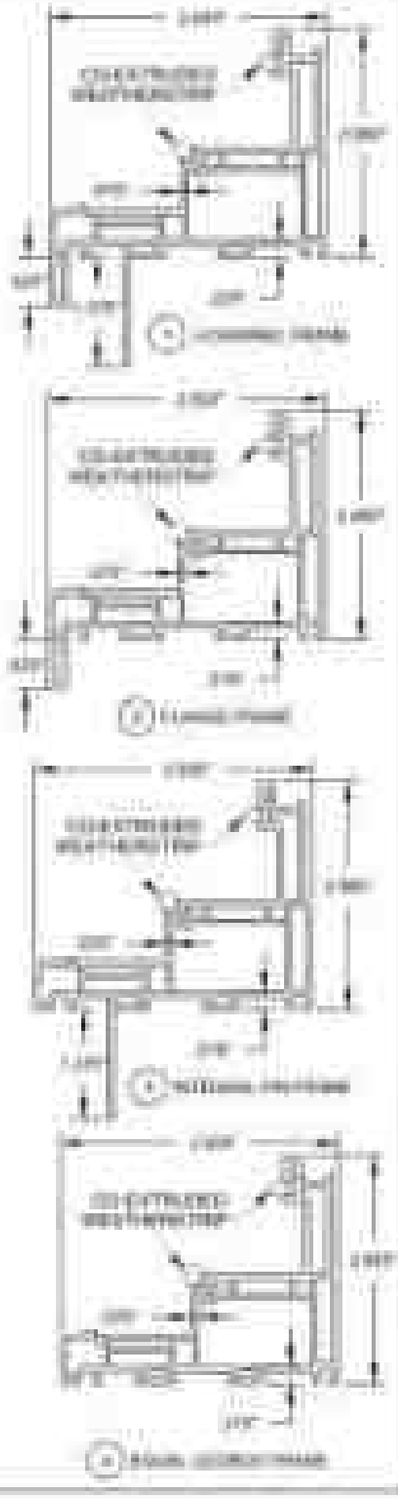
NOTES:

1. [illegible]

2. [illegible]

3. [illegible]

4. [illegible]



PRODUCT REVISED
In complying with the Florida Building Code
NOA No. 23-0719.01
Expiration Date: 08/17/2028
By: [illegible]
Miami-Dade Product Control

NO CHANGES IN THIS SHEET

DRAWN BY:	A. MOELLER
CHECKED BY:	
DATE:	
SCALE:	
SHEET:	

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