

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

# NOTICE OF ACCEPTANCE (NOA)

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

PRODUCT CONTROL SECTION

www.miamidade.gov/economy

MIAMI-DADE COUNTY

PGT Industries, Inc. 1070 Technology 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 "SGD 5570-Window" Vinyl Horizontal Sliding Glass Window (Reinforced) w/wo 900 and 135° corners and w/wo Pockets-L.M.I.

APPROVAL DOCUMENT: Drawing No. MD-5570W.0 Rev C, titled "Vinyl Sliding Glass Window", sheets 1 through 21 of 21, prepared by manufacturer, dated 03/22/20 and last revised on 02/01/21, signed and sealed by Anthony L. Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and revision date by the Miami-Dade County Product Control Section.

# MISSILE IMPACT RATING: Large and Small Missile Impact Resistant Limitations:

- 1. See table 1 (sheet 7) and table 2 (sheet 8) of this approved drawing set for applicable Window unit sizes, design pressures, reinforcements types, glass types, sill riser (Table B1 & B2) and anchors requirements.
- 2. See glass options in sheet 10. Product can be Exterior or Interior glazed. Interior glazed to be rotated 180° shown, such that "HS" surface of laminated glass adhered to glazing leg.
- 3. Rigid White PVC, Tan (Non-white) Rigid PVC and Brown coated (Painted or laminated) white Rigid PVC manufactured by Vision Extrusion, Ltd to be labeled per referenced NOA's requirements.
- 4. Pocket walls under separate approval, to be reviewed by Building official.

**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 & renews # 20-0406.06 consists of this page 1 and evidence pages E-1, E-2, E-3 & E-4, as well as approval document mentioned above.

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



Ishaq I. Chands

NOA No. 21-0205.02 Expiration Date: August 04, 2026 Approval Date: March 25, 2021

Page 1

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous submittal

#### A. DRAWINGS

- 1. Manufacturer's die drawings and sections (Submitted under files **see below**).
- 2. Drawing No. **MD-5570W.0 Rev A**, titled "Vinyl Sliding Glass Window", sheets 1 through 21 of 21, prepared by manufacturer, dated 04/14/16 and last revised on 04/18/17, signed and sealed by Anthony L. Miller, P.E.

Note: This revision consists of adding FBC 2017 (6th Edition) and identifying PVC extruder notes.

- **B.** TESTS (Submitted under files # 16-0505.01 /#15-1210.01)
  - 1. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
    - 2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
    - 3) Water Resistance Test, per FBC, TAS 202-94.
    - 4) Large Missile Impact Test per FBC, TAS 201-94
    - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
    - 6) Forced Entry Test, per FBC, TAS 202-94

along with marked-up drawings and installation diagram of vinyl sliding glass doors, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL 8546** dated 11/06/15 and revised on 01/04/16 & 02/11/16, **FTL 8547** dated 12/04/15 and revised on 02/15/16, Test Report No. **FTL 8548**, dated 12/04/15 & revised on 01/04/16 & 02/11/16, **FTL 8549** dated 11/06/15 and revised on 12/04/15 and 02/11/16, **FTL 8552** dated 12/04/15 and 02/15/2016, all signed and sealed by Idalmis Ortega, P. E.

- 2. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94.
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94

along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL 6638** (samples A-1 thru A-22), dated 11/19/10, signed and sealed by Jorge A. Causo, P. E.

(The above test report has an addendum letter dated 3-11-11, issued by FTL, signed and sealed by Marlin D. Brinson, P.E. (reviewing Engineer). (Submitted under file # 15-0409.02/#13-1125.05)

- 3. REF Test report on 1) Uniform Static Air Pressure Test, 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 Aluminum Sliding Glass Doors (w/TPS, Super, Cardinal & Duraseal Spacers), prepared by Fenestration Testing Laboratory, Inc., Test Reports No(s) **FTL-8717**, **FTL-8970** and **FTL-8968**, dated 02/15/16, 06/07/16 and 06/20/16, all signed & sealed by Idalmis Ortega, P.E

4. Additional REF test report No. **FTL 6637** (samples A-1 thru A-5) per TAS 202-94, issued by Fenestration Testing Lab, Inc., dated 12/06/10, signed and sealed by Jorge A. Causo, P. E.

Ishaq I. Chands

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0205.02
Expiration Date: August 04, 2026

Approval Date: March 25, 2021

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

# C. CALCULATIONS (Submitted under files # 16-0505.01)

- 1. Statement letter of compliance to FBC 2017 (6<sup>th</sup> Edition) dated 08/02/17, prepared by PGT, signed and sealed by Anthony L. Miller, P.E.
- 2. Anchor verification calculations and structural analysis, complying with FBC-2014 (5<sup>th</sup> edition), prepared by PGT, dated 05/02/16, signed and sealed by Anthony L. Miller, P.E.
- 3. Glazing complies with ASTME-1300-02, -04 & -09.

#### D. QUALITY ASSURANCE

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

#### E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **14-0820.11** issued to Vision Extrusion Ltd for their "White Rigid PVC", expiring on 09/30/19.
- 2. Notice of Acceptance No. 16-0920.08 issued to Vision Extrusion Ltd for their "VE 1000 Tan 202 & light shaded (Non-White) Rigid PVC", expiring on 12/29/21.
- 3. Notice of Acceptance No. **14-0820.12** issued to Vision Extrusion Ltd for their "Brown Coated (Painted or Laminated) **White Rigid PVC**", expiring on 09/30/19
- 4. Test reports No(s). 10-002-792(A), 10-006-10231, 535753-09, per ASTME-84, ASTMD1929 and ASTMD-635, issued by EXOVA to Vision Extrusion for cellulosic composite material.
- 5. Notice of Acceptance No. **14-0916.11** issued to Kuraray America., Inc. for the "Sentry Glass ® (Clear and White) Interlayer", expiring on 07/04/18.
- 6. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. for the "**Trosifol ultra clear, clear & color PVB glass interlayer** (former Kuraray **Butacite PVB Interlayer**)", expiring on 07/08/19.

#### F. STATEMENTS

- 1. Statement letter of compliance to FBC 2017 (6<sup>th</sup> Edition) dated 08/02/18, prepared by PGT, signed and sealed by Anthony L. Miller, P.E.
- 2. Statement letters of compliance to FBC 2014 (5<sup>th</sup> Edition) and "No financial interest", dated 05/02/16, prepared by PGT, signed & sealed by Lynn Miller, P.E. (Submitted under files # 16-0505.01)
- 3. Letter of lab compliance, part of the above test reports.

#### G. OTHER

- 1. This NOA revises # 16-0505.01, expiring 04/04/21.
- 2. Test proposals #16-0152 dated 03/09/16 approved by RER, test proposal dated April 17, 2015 approved by Jaime D. Gascon, P.E. and # **10-0767**, dated 08/25/10 approved by BCCO.
- 2. New Evidence submitted

#### A. DRAWINGS

1. Drawing No. **MD-5570W.0 Rev B**, titled "Vinyl Sliding Glass Window", sheets 1 through 21 of 21, prepared by manufacturer, dated 03/22/20 and last revised on 04/02/20, signed and sealed by Anthony L. Miller, P.E.

Ishaq I. Chands

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0205.02
Expiration Date: August 04, 2026
Approval Date: March 25, 2021

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 2. New Evidence submitted (continue)
- B. TESTS
  - 1. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
    - 2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
    - 3) Water Resistance Test, per FBC, TAS 202-94.
    - 4) Large Missile Impact Test per FBC, TAS 201-94
    - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
    - 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.

#### C. CALCULATIONS

- 1. Anchor verification calculations and Ultracon<sup>+</sup> anchor comparison, complying with **FBC** 7<sup>th</sup> **Edition (2020)** dtd 04/02/20, prepared by manufacturer, signed and sealed by A. Lynn Miller, P.E.
- 2. Glazing complies with ASTME-1300-09.

# D. QUALITY ASSURANCE

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

#### E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **18-1108.10** issued to Vision Extrusion Ltd for their "White Rigid PVC", expiring on 09/30/24.
- 2. Notice of Acceptance No. 16-0920.08 issued to Vision Extrusion Ltd for their "VE 1000 Tan 202 & light shaded (Non-White) Rigid PVC", expiring on 12/29/21.
- 3. Notice of Acceptance No. **18-1108.11** issued to Vision Extrusion Ltd for their "Brown Coated (Painted or Laminated) **White Rigid PVC**", expiring on 10/29/21
- 4. Test reports No(s). 10-002-792(A), 10-006-10231, 535753-09, per ASTME-84, ASTMD1929 and ASTMD-635, issued by EXOVA to Vision Extrusion for cellulosic composite material.
- 5. Notice of Acceptance No. 17-0808.02 issued to Kuraray America., Inc. for the "Sentry Glass ® (Clear and White) Interlayer", expiring on 07/04/23.
- 6. Notice of Acceptance No. 17-1114.13 issued to Kuraray America, Inc. for the "Trofosil ultra clear, clear & color PVB glass interlayer (former Kuraray Butacite PVB Interlayer)", expiring on 07/08/24.

#### F. STATEMENTS

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

#### G. OTHER

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

Ishaq I. Chanda, P.E. Product Control Unit Supervisor

NOA No. 21-0205.02

Expiration Date: August 04, 2026 Approval Date: March 25, 2021

#### PGT Industries, Inc.

# **NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

#### 3. New Evidence submitted

#### A. DRAWINGS

1. Drawing No. **MD-5570W.0 Rev C**, titled "Vinyl Sliding Glass Window", sheets 1 through 21 of 21, prepared by manufacturer, dated 03/22/20 and last revised on 02/01/21, signed and sealed by Anthony L. Miller, P.E.

Note: This revision consists replacement of same existing installation screw with flat head.

# 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. None.

#### F. STATEMENTS

- 1. Statement letter of conformance to **FBC** 7<sup>th</sup> Edition (2020), dated 02/01/21, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
- 2. Statement letter of no financial interest and of independent, issued by manufacturer, dated 02/01/21, signed and sealed by Anthony Lynn Miller, P.E.

# G. OTHERS

1. This NOA revises & renews NOA# 20-0406.06, expiring 08/04/26.

Ishaq I. Chands

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0205.02
Expiration Date: August 04, 2026

Approval Date: March 25, 2021

# SERIES 5570 IMPACT RESISTANT SLIDING GLASS WINDOW INCLUDING POCKETS & 90°/135° CORNERS

#### **GENERAL NOTES:**

- 1) GLAZING TYPE OPTIONS: SEE GLAZING DETAILS ON SHEET 10.
- 2) DESIGN PRESSURES:
- A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS PER ASTM E1300.
- B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS PER ASTM E1300.
- C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
- 3) ANCHORAGE: THE 33-1/3% STRESS INCREASE <u>HAS NOT</u> BEEN USED IN THE DESIGN OF THIS PRODUCT. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
- 4) SHUTTERS ARE NOT REQUIRED PER FBC REQUIREMENTS, AS APPLICABLE.
- 5) INSTALLATION SCREWS & FRAME SPLICES TO BE SEALED WITH NARROW JOINT SEALANT.
- 6) REFERENCES (NOA'S): ELCO ULTRACON, DEWALT ULTRACON+, DEWALT/ELCO CRETEFLEX & AGGRE-GATOR ANCHOR NOA'S, ENERGI FENESTRATION SOLUTIONS USA, INC. OR VISION EXTRUSION, LTD. WHITE RIGID PVC NOA, VE 1000 TAN 202 AND LIGHTER SHADES (NON-WHITE) RIGID PVC NOA AND BROWN COATED (PAINTED OR LAMINATED) WHITE RIGID PVC NOA
- REFERENCES (TEST REPORTS): FTL-6337, 6338, 8646-8649, 8652 & 8717; EXOVA-10-002-792(A) & 10-006-10231; CAMBRIDGE 535753-09:
- 7) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FBC, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ). THE RIGID WHITE, BROWN & TAN PVC MANUFACTURED BY ENERGI FENESTRATION SOLUTIONS USA, INC. OR VISION EXTRUSION, LTD. HAS BEEN TESTED TO COMPLY WITH THE FLORIDA BUILDING CODE FOR PLASTICS, (COMPONENT REQUIREMENTS).
- 8) WINDOW SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS OF THE FBC, AS APPLICABLE.
- 9) DRAWINGS DEPICT EXTERIOR-GLAZING, HOWEVER INTERIOR-GLAZING MAY BE SUBSTITUTED.
- 10) THE 5570 SERIES SLIDING GLASS WINDOW MAY ALSO BE KNOWN AS THE 570/2770 SERIES.

#### **ANCHOR NOTES:**

- 1) FOR CONCRETE/CMU SUBSTRATE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ELCO ANCHORS. SEE TABLE A ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
- 2) FOR OTHER SUBSTRATE APPLICATIONS SEE TABLE A ON THIS SHEET.
- 3) WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. PROPERLY SECURED, 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE OR CMU. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.
- 4) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER THE FBC AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- 5) IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, MAX. 1/4" THICK & 3400 PSI MIN., (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE. IF SUBSTRATE IS WOOD, 30# FELT PAPER OR MASTIC IS REQUIRED BETWEEN THE GROUT AND WOOD SUBSTRATE, OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

#### **INSTRUCTIONS:**

- 1) KNOWING THE REQUIRED DESIGN PRESSURE OF THE OPENING, THE ANCHOR REQUIREMENTS FOR THE SLIDING GLASS WINDOWS MAY BE DETERMINED FROM DESIGN PRESSURE TABLES 1 OR 2, DEPENDING ON THE GLASS/REINFORCEMENT.
- 2) LOCATE THE SLIDING GLASS WINDOW SIZE ON THE TABLE, USING THE FRAME HEIGHT AND THE NOMINAL PANEL WIDTH IF YOUR EXACT SIZE IS NOT LISTED, ROUND UP TO THE NEXT GREATER LISTED WIDTH AND/OR HEIGHT.
- 3) CHOOSE WHICH ANCHOR GROUP (A-D) IS MOST APPLICABLE. ANCHORS ARE DEFINED IN TABLE A, THIS SHEET ALONG WITH THE CORRESPONDING SUBSTRATE, MINIMUM EMBEDMENT AND MINIMUM EDGE DISTANCE.
- 4) FROM THE DESIGN PRESSURE TABLES (TABLES 1 OR 2), VERIFY THAT THE OPENING'S REQUIRED DESIGN PRESSURE IS MET OR EXCEEDED. USE THE ANCHOR QUANTITIES SHOWN.
- 5) INSTALL AS PER THE GUIDELINES OF THIS SHEET-SET.
- 6) ADDITIONALLY, SEE THE EXAMPLE ON SHEET 9.

IMPACT RATING

RATED FOR LARGE & SMALL

MISSILE IMPACT RESISTANCE

DESIGN PRESSURE RATING
SEE TABLES 1, 2 & B1, B2
ON SHEETS 7 & 8

Group	Anchor	Substrate	Frame Member	Min. Edge Distance	Min. Embedment
	#12, steel SMS (G5) or	P.T. Southern Pine, (SG=0.55)	Head/Sill/Jamb/P-hook	9/16"	1-3/8"
	410 S.S. SMS	Aluminum, 6063-T5* (0.125" min.)	Head/Sill/Jamb/P-hook	3/8"	1/8"
	(min. 11 threads/in)	Steel, A36*, (0.060" min.)	Head/Sill/Jamb/P-hook	3/8"	0.060"
Α	,	Steel Stud, A653 Gr. 33*, (0.071" min.)	Head/Sill/Jamb/P-hook	3/8"	0.071" (14 Ga.)
	1/4" Elco Ultracon		Head/Sill/Jamb/P-hook	1"	1-3/8"
	1/4" DeWalt Ultracon+	P.T. Southern Pine, (SG=0.55)	Jamb	1"	1-3/8"
	1/4" Elco 410 S.S. CreteFlex		Head/Sill/Jamb/P-hook	1"	1-3/8"
В	#12, steel wood screw (G5)	P.T. Southern Pine, (SG=0.55)	Head/Sill/Jamb/P-hook	9/16"	1-3/8"
		Concrete, (min, 2.85 ksi)	P-hook	1"	1-3/8"
· I	1/4" Elco Ultracon	Conclete, (IIIIII. 2.03 KSI)	Head/Sill/Jamb	1-3/16"	1-3/8"
		Ungrouted CMU, (ASTM C-90)	Jamb/P-hook	1"	1-1/4"
- 1		Concrete, (min. 3 ksi)	Head/Sill/Jamb	1-1/2"	1-3/8"
	1/4" DeWalt Ultracon+	Concrete, (mm. 5 ksi)	P-hook	1"	1-3/8"
С		Ungrouted CMU, (ASTM C-90)	Jamb/P-hook	1"	1-1/4"
ŭ	1/4" DeWalt/Elco 410 S.S.	Ungrouted CMU, (ASTM C-90)	Jamb/P-hook	1-3/4"	1-1/4"
	CreteFlex	Concrete, (min. 3.35 ksi)	Head/Sill/Jamb	1-3/16"	1-3/4"
	Oleter lex	Concrete, (IIIII. 3.33 KSI)	P-hook	1"	1-3/4"
ĺ	1/4" DeWalt/Elco 18-8 S.S.	Concrete, (min. 2.22 ksi)	Head/Sill/Jamb/P-hook	1-1/2"	1-3/8"
	Aggre-Gator	Ungrouted CMU, (ASTM C-90)	Jamb/P-hook	2"	1-1/4"
	Aggie-Gator	P.T. Southern Pine, (SG=0.55)	Head/Sill/Jamb/P-hook	1"	1-3/8"
	1/4" Elco Ultracon	Concrete, (min. 2.85 ksi)	Head/Sill/Jamb/P-hook	2-1/2"	1-3/8"
	174 Eleo Oldacon	Ungrouted CMU, (ASTM C-90)	Jamb/P-hook	2-1/2"	1-1/4"
[	1/4" DeWalt Ultracon+	Concrete, (min. 3 ksi)	Head/Sill/Jamb/P-hook	2-1/2"	1-3/8"
D	174 Devvait Ottacon+	Ungrouted CMU, (ASTM C-90)	Jamb/P-hook	2-1/2"	1-1/4"
[	1/4" DeWalt/Elco 410 S.S.	Concrete, (min. 3.35 ksi)	Head/Sill/Jamb	2-1/2"	1-3/4"
	CreteFlex	Concrete, (IIIII. 3.33 KSI)	P-hook	2-1/2"	1-3/8"
	Cicleriex	Ungrouted CMU, (ASTM C-90)	Jamb/P-hook	2-1/2"	1-1/4"

\* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE. METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

"UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.

ALL ANCHOR HEAD TYPES APPLICABLE.

FOR THE MINIMUM STRENGTHS OF ANCHORS AND SUBSTRATES, SEE TABLE F. SHEET 21.

EXAMPLE CONFIGS	2
INSTALL DETAILS	3-6
DP/ANCHOR TABLES	7-8
EXAMPLE	9
GLAZING DETAILS	10
ANCHOR LOCATIONS	11-16
PANEL TYPES	
EXTRUSIONS	18
ACCESSORIES	19
SCREEN DETAILS	20

GENERAL NOTES......1

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.02

Expiration Date 08/04/2026

By Ishag I. Zhank
Miami-Dade Product Control

2020 FLORIDA BUILDING CODE (FBC), 7TH EDITION
ASTM E1300-09
ANSI/AF&PA NDS-2018 FOR WOOD CONSTRUCTION

ALUMINUM DESIGN MANUAL, ADM-2015

SGD-5570

WINDOW

NTS

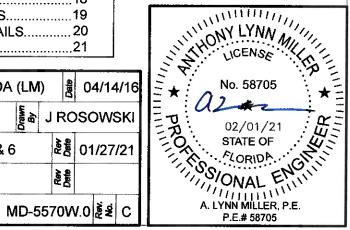
• AISI S100-16

CODES / STANDARDS USED:

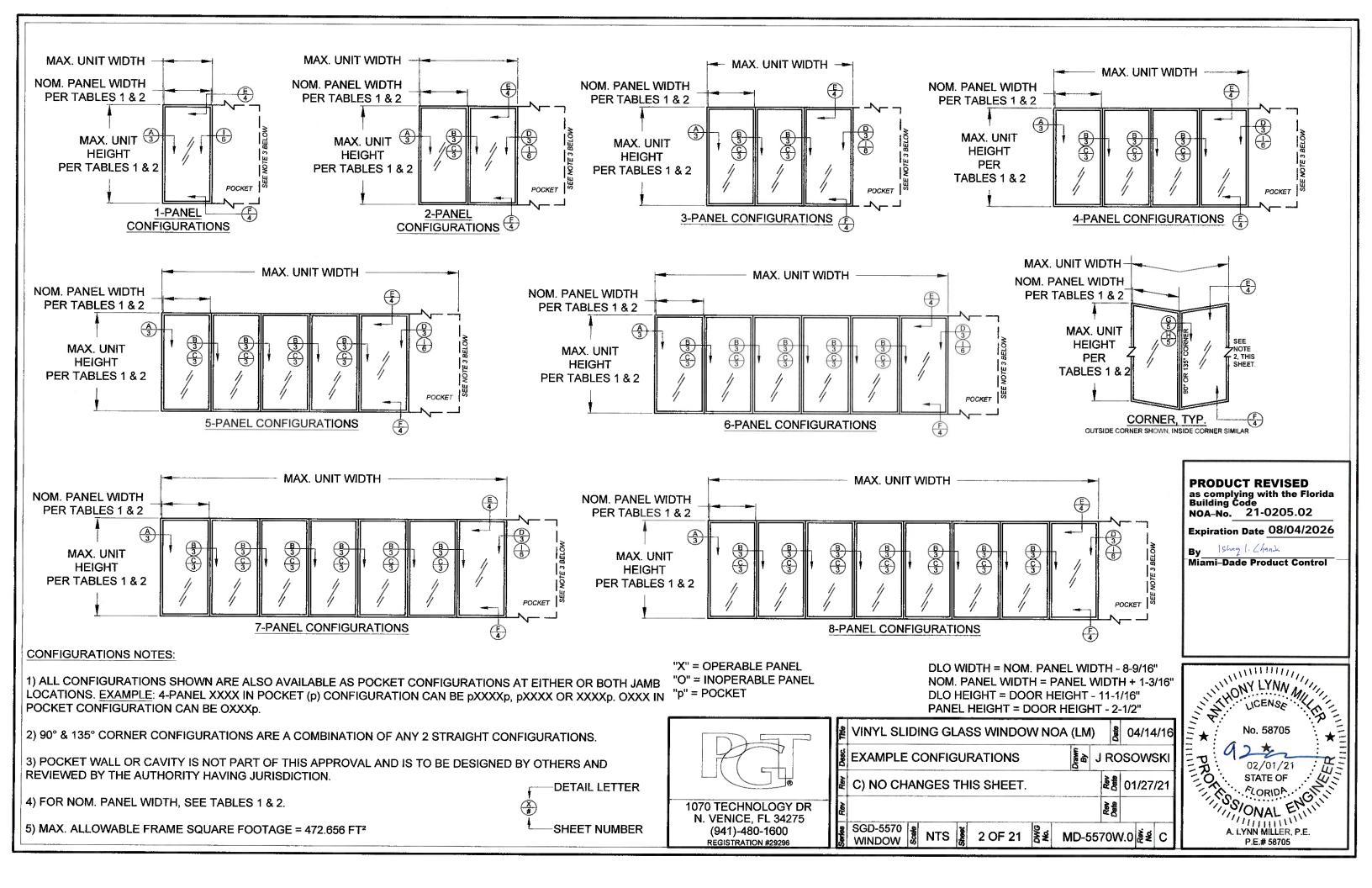
TABLE A:

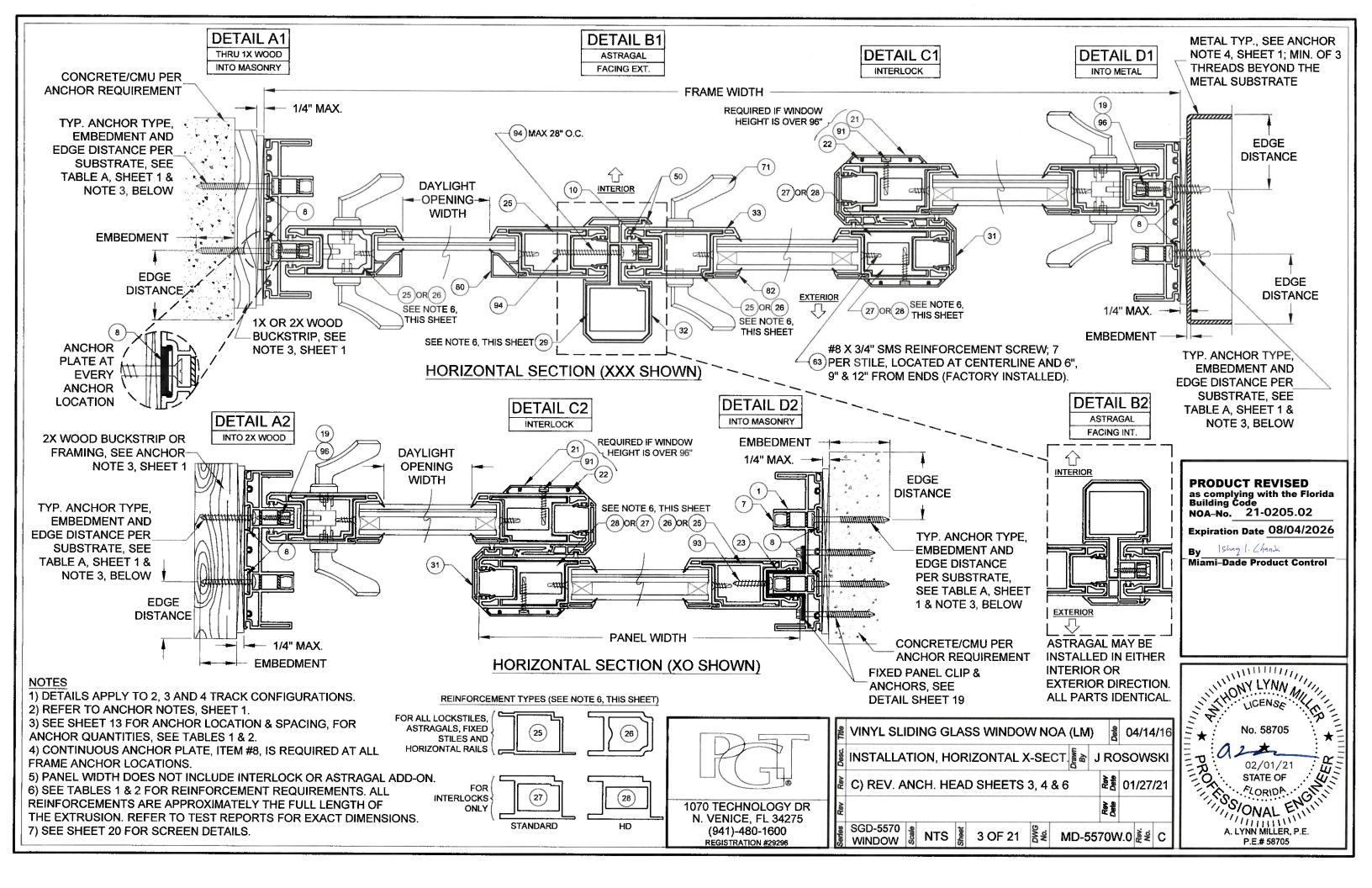
• AISC 360-16

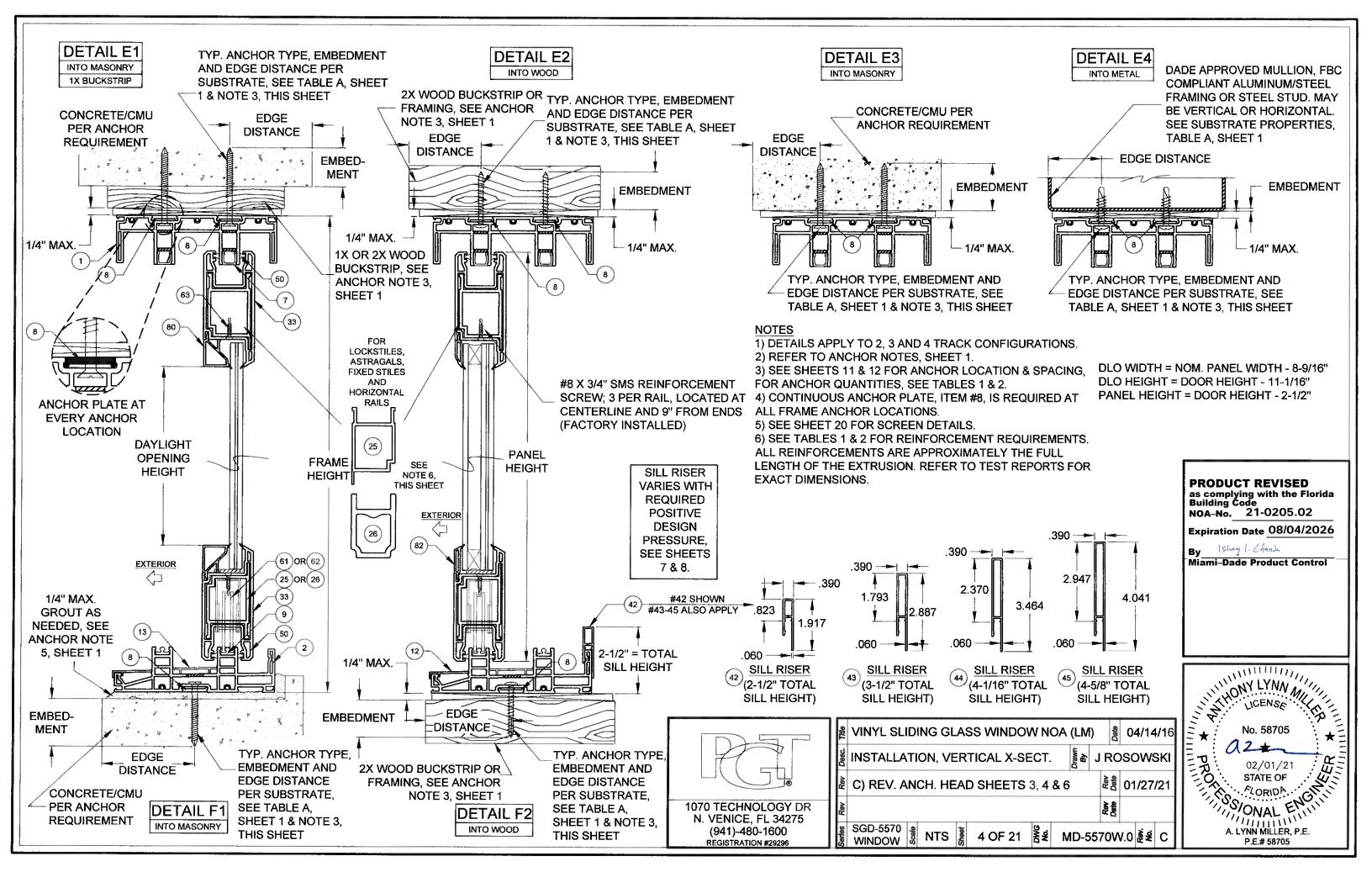
1 OF 21

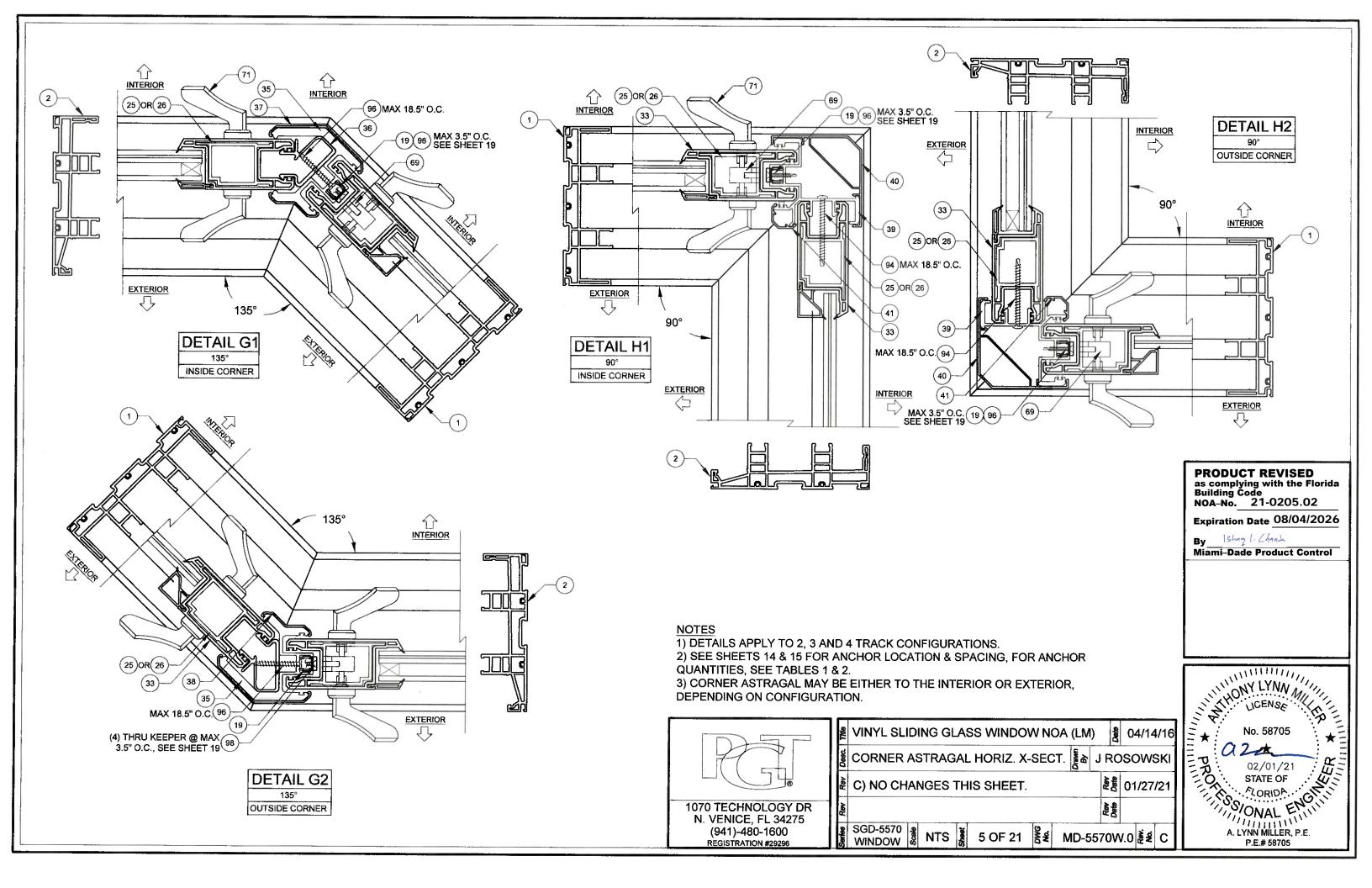


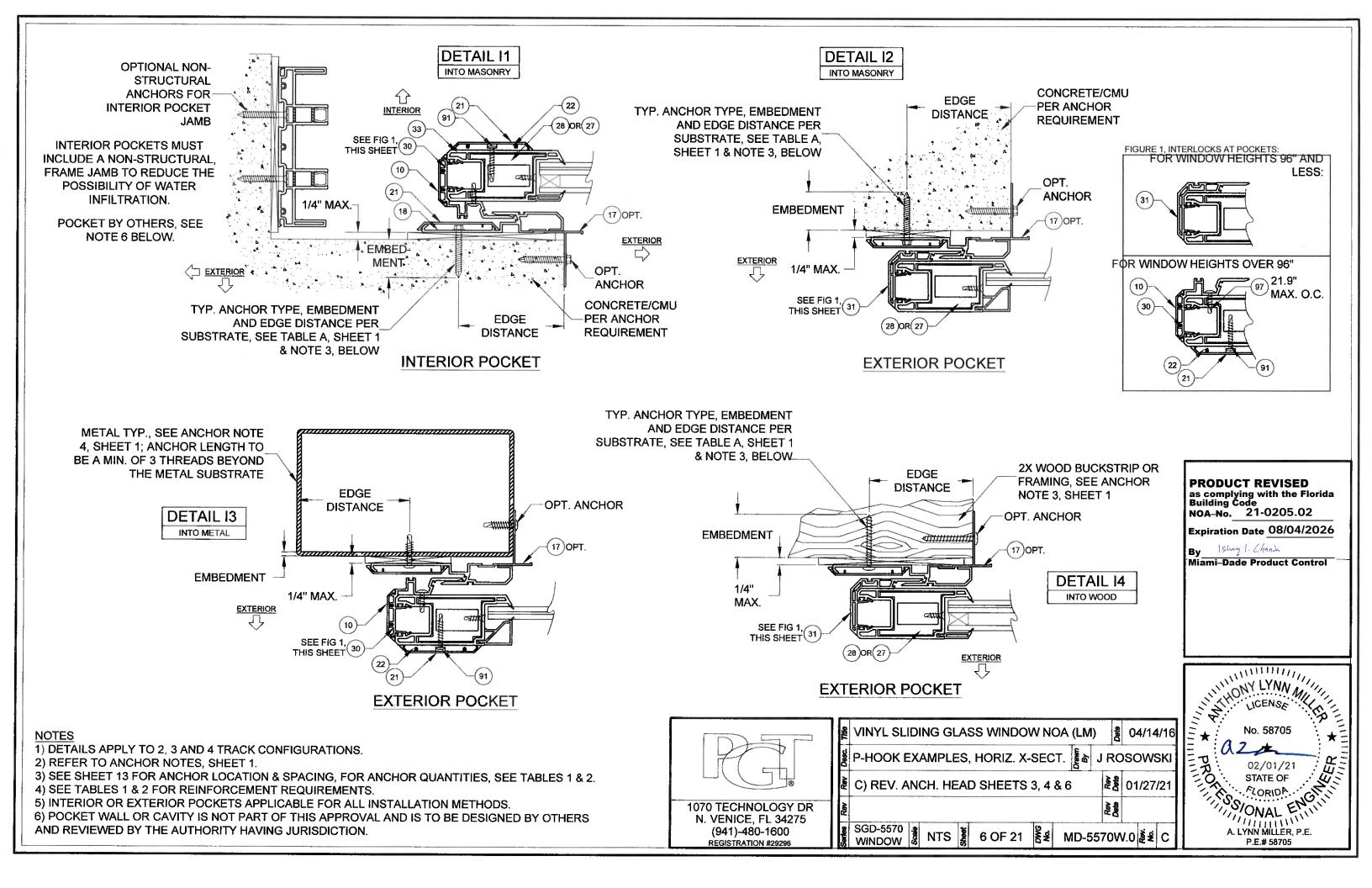












<u>T/</u>	ABLE 1	l:																													
						De	sign	Press	sure (	(DP) a	and A	ncho	r Qua	antitie	s Re	quire	d (for a	all app	roved o	onfigur	ations	on Sh	eet 2)								
U	e this	table for:														1	Vindov	v Heig	nt												
		• •	1, 1A, 3 or 3A			30"				86"				8"			6	0"			7	2"			8	34"			9	6"	
Ш.			forcement #29		15/16"			-	-	DLO H				DLO H		_	5/16" [			60-1	5/16" [	DLO H	eight	72-1	5/16"	DLO H	eight		15/16" [		
1 1			ement #25 or #26		Ancho	_	<del>-</del>	-		r Grou		+		r Grou			Ancho			-	Ancho		-			r Group	<b>o</b>		Ancho		р
$  \models$	Std. Interlock Reinforcement #27    Design Pressure		Α	B	C	D	A	B	C C	D	I A	B	C	D	A	В	C	D	A	В	С	D	Α	В	С	D	Α	В		D/	
		16-5/8"		00.4		-60 psi				-60 psf				-60 pst			+60/				+60/-					-60 psf			+60/-		
	24"	DLO	Head/Sill			C3+1	C3+1								+	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
		Width	Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5 、
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8
	22-5/8" Design Pressure		1	+60/					-60 psf				-60 pst			+60/-				+60/-					-60 psf			+60/-			
	1 1		Head/Sill		C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
_	ĺ	Width	Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
1 2			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8
\le 2		28-5/8"	Design Pressure		+60/					-60 psf				-60 psf			+60/-	•			+60/-					-60 psf			+60/-		
Panel Width	36"	DLO	Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
	"	Width	Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
	L		P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8
Nominal		0.4 5 (0)	Design Pressure		+60/	-60 pst			+60/	-60 psf			+60/-	60 psf			+60/-	60 psf			+60/-	60 psf			+60/	-60 psf			+60/-	60 psf	·
$\parallel \parallel^-$	34-3/6	Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1						C3+1			
	42"	DLO Width	Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
		VVIGIN	P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8
			Design Pressure		+60/-	-60 pst	-		+60/-	-60 psf			+60/-	60 psf			+60/-			<u> </u>	+60/-				+60/	-60 psf			+60/-		
		40-5/8"	Head/Sill							•																			C3+1		
.	48"	DLO	lamb	2	1		2	2	2	_		1 2	-	-	-		-		33.1	33.Z			55.1	Z	05.	00 1	00.1	00.2	100.1	03.1	100.1

(EX: FOR C3+1, 3 ANCHORS CLUSTERED AT PANEL MEETING POINT AND 1 ANCHOR REQUIRED AT MIDSPAN OF PANEL).

SEE TABLE B1, THIS SHEET.

TOTAL # OF ANCHORS THROUGH THE JAMB. THE # OF ANCHORS REQUIRED THROUGH THE P-HOOK, PERPENDICULAR TO THE GLASS.

ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE, USING THE ANCHOR QUANTIES LISTED BELOW. SEE TABLE A. SHEET 1 FOR COMPLETE ANCHOR LIMITATIONS.

THE MAXIMUM DP AT THESE ANCHOR QUANTITIES ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE

TO THE SILL HEIGHT MUST ALSO BE CONSIDERED.

# OF ANCHORS THROUGH THE HEAD & SILL.

FIG 1:

OH LENGTH

WINDOW ASSEMBLIES **INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN** THE OVERHANG HEIGHT IS **EXEMPTED FROM WATER** INFILTRATION RESISTANCE.

> **PRODUCT REVISED** as complying with the Florida Building Code NOA-No. 21-0205.02

> Expiration Date 08/04/2026

Ishaq I. Chands Miami-Dade Product Control

USED IN EXAMPLE ON SHEET 9

8

#### TABLE NOTES:

1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 1 AND TABLE B1 DETERMINES THE WATER LIMITED (+) DP.

2

3

3

3

3

3

3

3

4

3

4

3

4

5

4

5

4

5

4

5

4

4

6

4

6

5

7

7

7

7

6

- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO. +DP'S SHOWN IN TABLE 1 MAY BE USED.
- 3) SEE SILL RISER TYPES ON SHEET 4.
- 4) SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 5) REFER TO ANCHOR NOTES, SHEET 1.

Jamb

P-hook

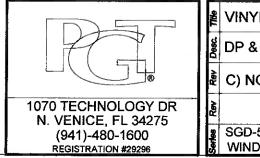
Width

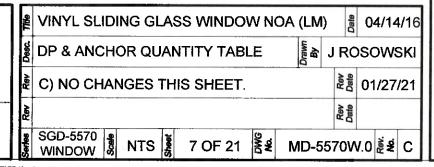
6) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING

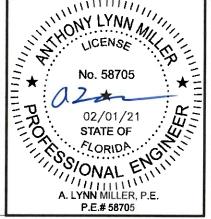
#### TABLE B1:

(-	Water-Li +) Design I	
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-11/16"	See Note 2
42	2-1/2"	+38.7 psf
43	3-1/2"	+60.0 psf
44	4-1/16"	+60.0 psf
45	4-5/8"	+60.0 psf

DLO WIDTH = NOM. PANEL WIDTH - 7-3/8" DLO HEIGHT = DOOR HEIGHT - 11-1/16" PANEL HEIGHT = DOOR HEIGHT - 2-1/2"







# TABLE 2:

							Desig	n Pre	essur	e (DP	) and	Anch	or Qu	ıantiti	es Re	quire	d (for a	ali appr	oved co	onfigura	tions o	n Shee	t 2)								
Use	e this t	able for:														,	Window	v Heigh	nt .												
		Glass Typ	es 2 or 4	***	3	30"			3	6"			4	8"			6	0"			7:	2"			8	34"			96	3"	
	Astra	gal Reint	orcement #29	18-1	15/16"	DLO He	eight	24-	5/16" I	DLO H	eight	36-	36-15/16" DLO Height				48-15/16" DLO Height			60-15/16" DLO Height				72-15/16" DLO Height				84-15/16" DLO Height			ight
	Locks	stile Rein	forcement #25		Ancho	r Group	)		Ancho	r Group	)		Ancho	r Group	)		Anchor	Group	)		Anchor	Group	)		Ancho	r Group	,		Anchor	Group	,
	HD Inte	rlock Re	inforcement #28	Α	В	С	D	Α	В	С	D	Α	В	С	D	Α	В	С	D	Α	В	С	D	Α	В	С	D	Α	В	С	D
		16-5/8"	Design Pressure	4	+100/-	-100 ps	f		100/-	-100 ps	f	-	100/-	-100 ps	f	-	-100/	100 ps	f	-	100/-	100 ps	f	-	+100/	-100 ps	f	+	100 / -	100 ps	
	24"	DLO	Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C5+1	C3+1	C3+1	C3+1
	4.7	Width	jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	9	9
		22-5/8"	Design Pressure			-100 ps				·100 ps				-100 ps			-100/-				-100/-				+100/	-100 ps	f	+	-100 / -	100 ps	f
	30"	DLO	Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C5+1	C3+1	C3+1	C3+1	C5+1	C3+1	C5+1	C3+1
1		Width	Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	5	5	6	5	5	5	7	5
			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8
		28-5/8"	Design Pressure			-100 ps				100 ps				100 ps			100 / -				100/-		× 1			-100 ps		Acres and the second	100 / -		
	36"	DLO	Head/Sill		<del> </del>	C3+1								C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C5+2	C3+1	C3+1	C3+1	C5+2	C3+1	C5+1	C3+1	C5+2	C5+1	C5+1	C3+1
عد		Width	Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	5	5	6	5	5	5	7	5
Width			P-hook	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8
<u>&gt;</u>		34-5/8"	Design Pressure			-100 ps				100 ps				100 ps			-100 / -	•			-100/-			Y		-100 ps			100 / -		
Nominal Panel	42"	DLO	Head/Sill			C3+2				-	_	C3+2			_		C3+2			C5+2	C3+2		_		_	_			C5+2		
E E		Width	Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	5	4	4	4	6	4	5	5	7	5	5	5	8	5
Ē			P-hook	3	3	3 -100 ps	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8
원		40-5/8"	Design Pressure							100 ps				100 ps			-100 / -				100/-	,				-100 ps			92.0/-9	,	
H	48"	DLO	Head/Sill			C3+2									_				· .				-		_	-			C5+2		
ш		Width	Jamb P-hook	3	2	3	2	3	3	3	3	3	3	3	3	4	4	5	4	4	4	6	4	5	5	8	5	5	5	9	5
н			Design Pressure	_	_	-80 psf	3	3	3	80 psf	3	4	+80/-	90 ===	4	5	5	5	5	6	6	6	6	/	7	8	8	8	8	9	9
1 1		46-5/8"	Head/Sill			C3+2	C2 . 7				02.0				00.0		+80/-			and the second second	+80/-		00.0	05.0	-	80 psf	00.0		+80/-0		00.0
11	54"	DLO	Jamb	2	2		-	C3+2			_			C3+2					_	C5+2					_	_	_		C5+2		
		Width	P-hook	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	5	7	7	5	5	5	8	5
			Design Pressure		+80/-		ა	,		80 psf	3		+80/-	90 pof	4	5	5	5 90 nof	5	6	6	6	6	7		7	7	8	8	8	8
		52-5/8"	Head/Sill				C3+3	i .		,	C3+3				02.2		+80/-	,	0212	+80 / -80 psf			00.0	CELO		-80 psf	02.0	+80 / -80 psf 2 C5+3 C5+2 C5+3 C3+2			02.0
	60"	DLO	Jamb	2	2	2	2	3	3	3		3					U3+2	U3+3			-		C3+2		_	C5+3	_				
		Width	P-hook	3	3	3		3			3	3	3	3	3	4	4	4	4	4	4	5	4	5	5	7	5	5	5	8	5
		L	r-nook	3	3	3	3	. 3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	/	/	7	7	8	8	8	8

\* +/-100.0 PSF FOR ANCHOR GROUPS B, C & D.

ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE, USING THE ANCHOR QUANTIES LISTED BELOW. SEE TABLE A, SHEET 1 FOR COMPLETE ANCHOR LIMITATIONS.

THE MAXIMUM DP AT THESE ANCHOR QUANTITIES. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE B2, THIS SHEET.

# OF ANCHORS THROUGH THE HEAD & SILL. (EX: FOR C3+1, 3 ANCHORS CLUSTERED AT PANEL MEETING POINT AND 1 ANCHOR REQUIRED AT MIDSPAN OF PANEL).

TOTAL # OF ANCHORS THROUGH THE JAMB.
THE # OF ANCHORS REQUIRED THROUGH THE P-HOOK, PERPENDICULAR TO THE GLASS.

FIG 1:

OH LENGTH

בחטושה ח

WINDOW ASSEMBLIES
INSTALLED WHERE THE
OVERHANG (OH) LENGTH IS
EQUAL TO OR GREATER THAN
THE OVERHANG HEIGHT IS
EXEMPTED FROM WATER
INFILTRATION RESISTANCE.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.02

Expiration Date 08/04/2026

By Sheg I. Chank
Miami-Dade Product Control

## TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 2 AND TABLE B2 DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S SHOWN IN TABLE 2 MAY BE USED.
- 3) SEE SILL RISER TYPES ON SHEET 4.
- 4) SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 5) REFER TO ANCHOR NOTES, SHEET 1.
- 6) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING

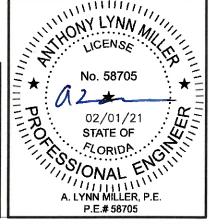
#### TABLE B2:

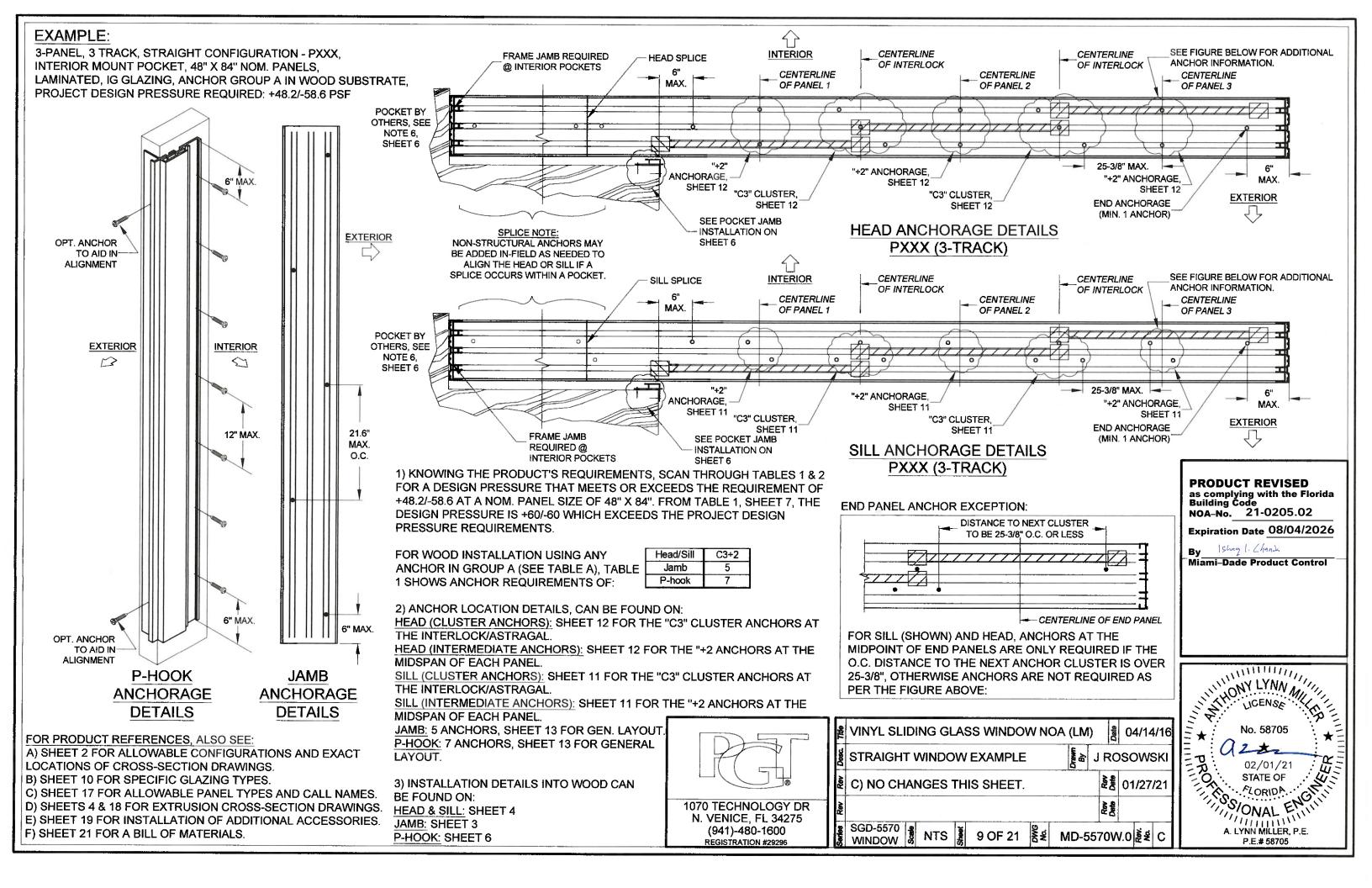
(-	Water-Li ⊦) Design I	
Sill Riser	Nom. Sill Height	Max. (+) DF Allowed
None	1-11/16"	See Note 2
42	2-1/2"	+38.7 psf
43	3-1/2"	+60.0 psf
44	4-1/16"	+80.0 psf
45	4-5/8"	+100.0 psf

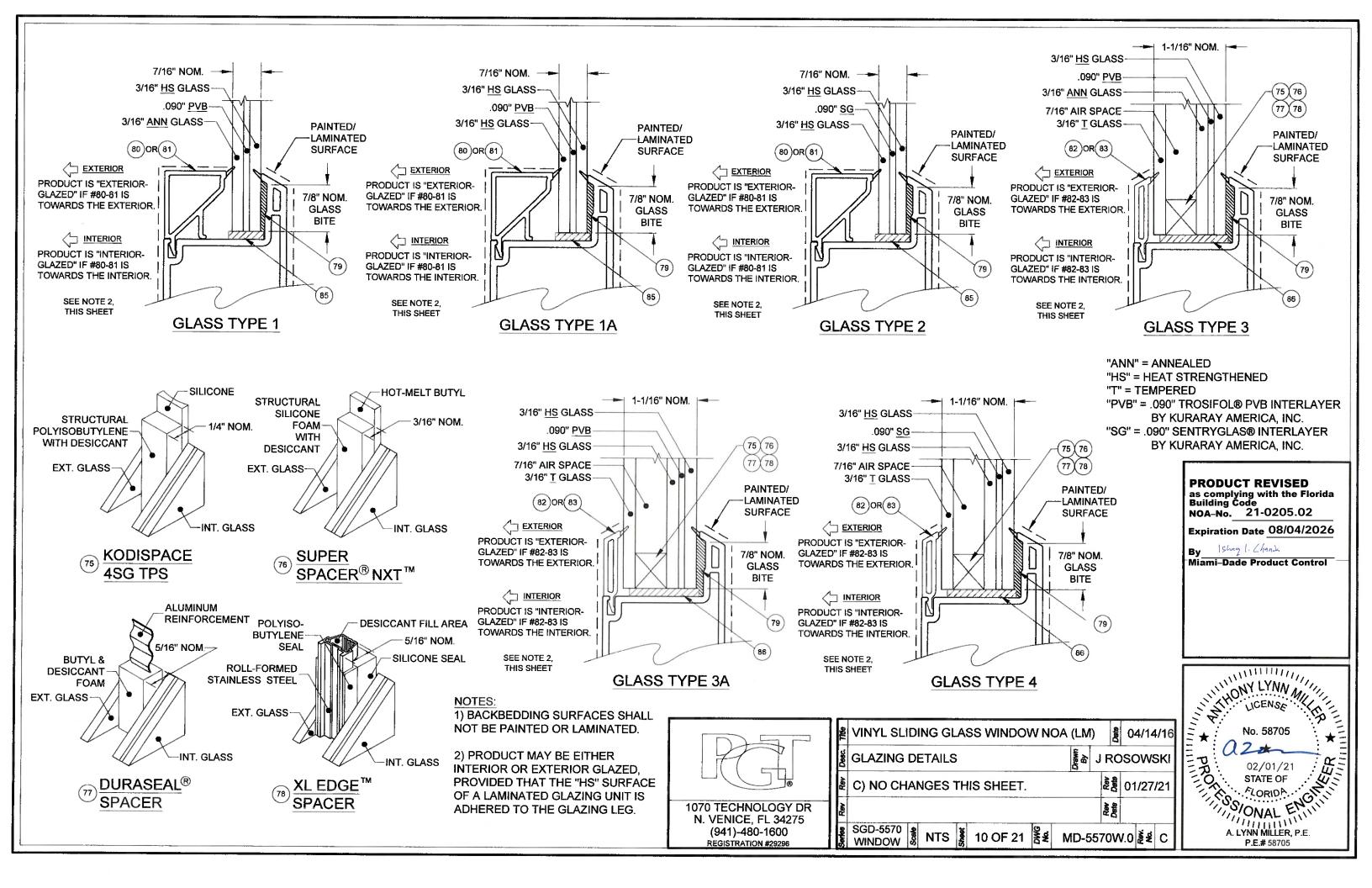
DLO WIDTH = NOM. PANEL WIDTH - 7-3/8" DLO HEIGHT = DOOR HEIGHT - 11-1/16" PANEL HEIGHT = DOOR HEIGHT - 2-1/2"

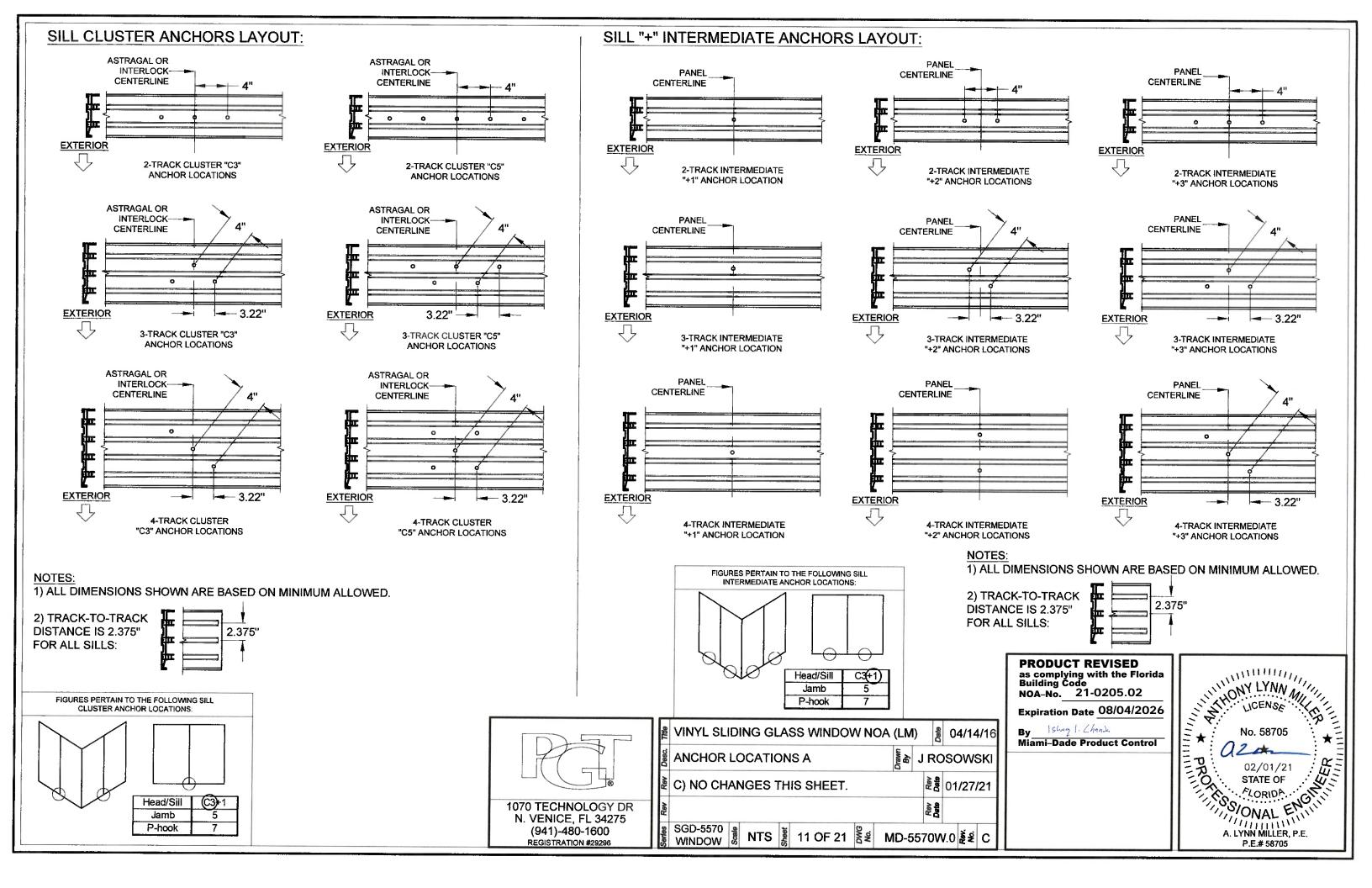


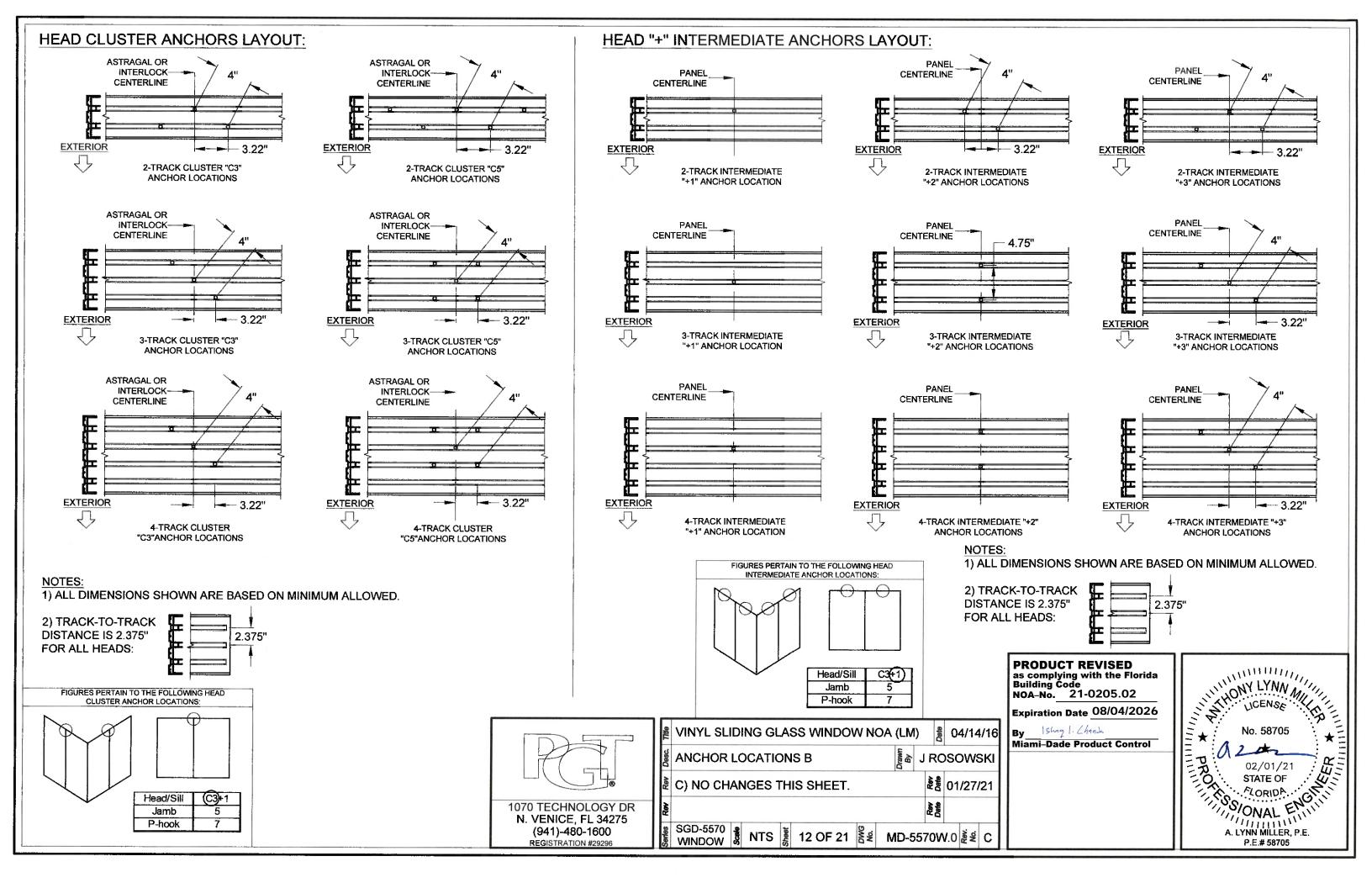
1	<b>1</b>	VINYL SLIDING GLASS WINDOW NOA (LM)	Date	04/14/16	
	Desc	DP & ANCHOR QUANTITY TABLE	J RC	sowski	ľ
	Rev	C) NO CHANGES THIS SHEET.	Rev Date	01/27/21	١
	Rey		Rev Date		I
	Series	SGD-5570 NTS 8 8 OF 21 8 MD-55	70V	/.0 ½ ₹ C	

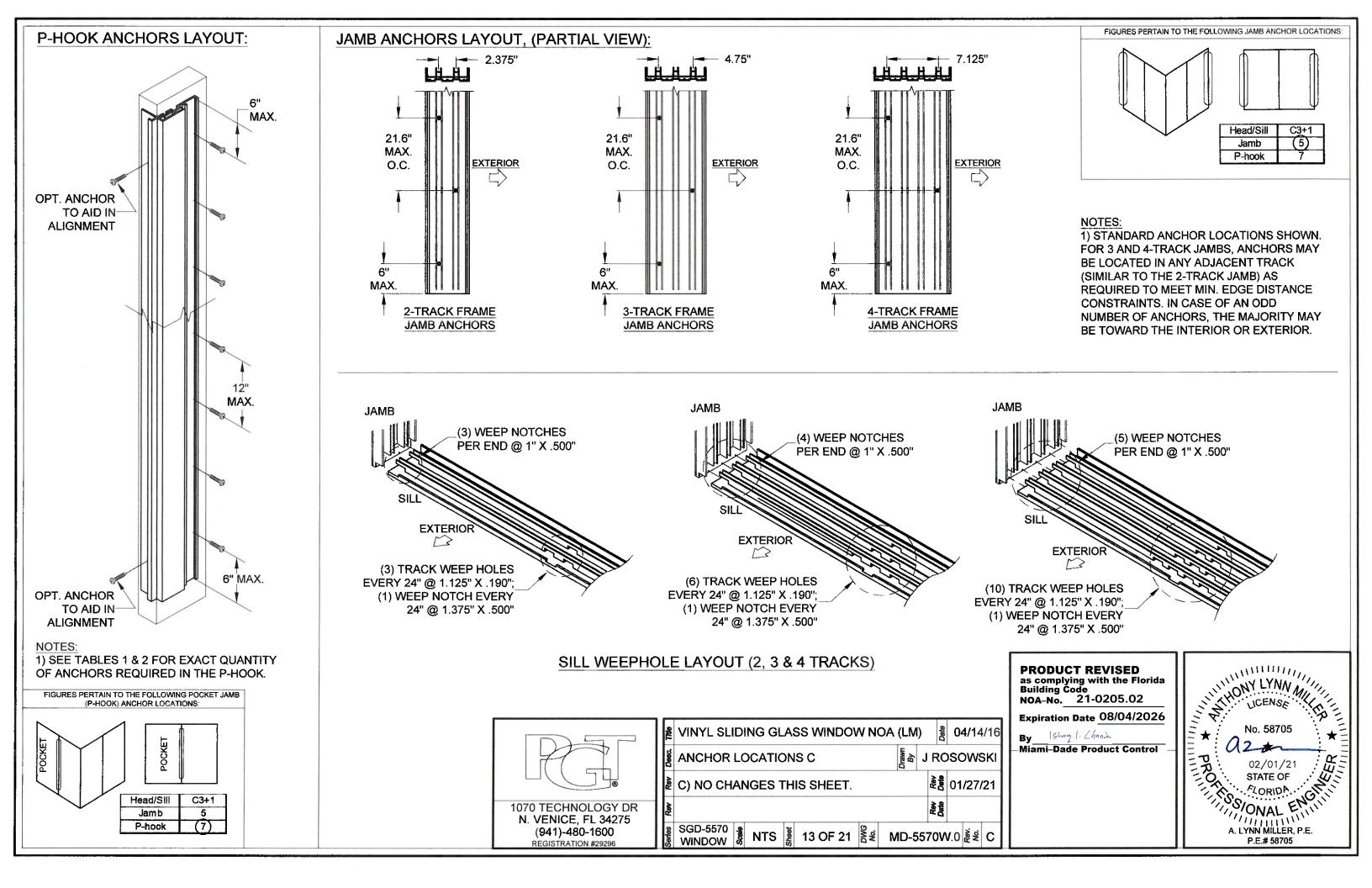


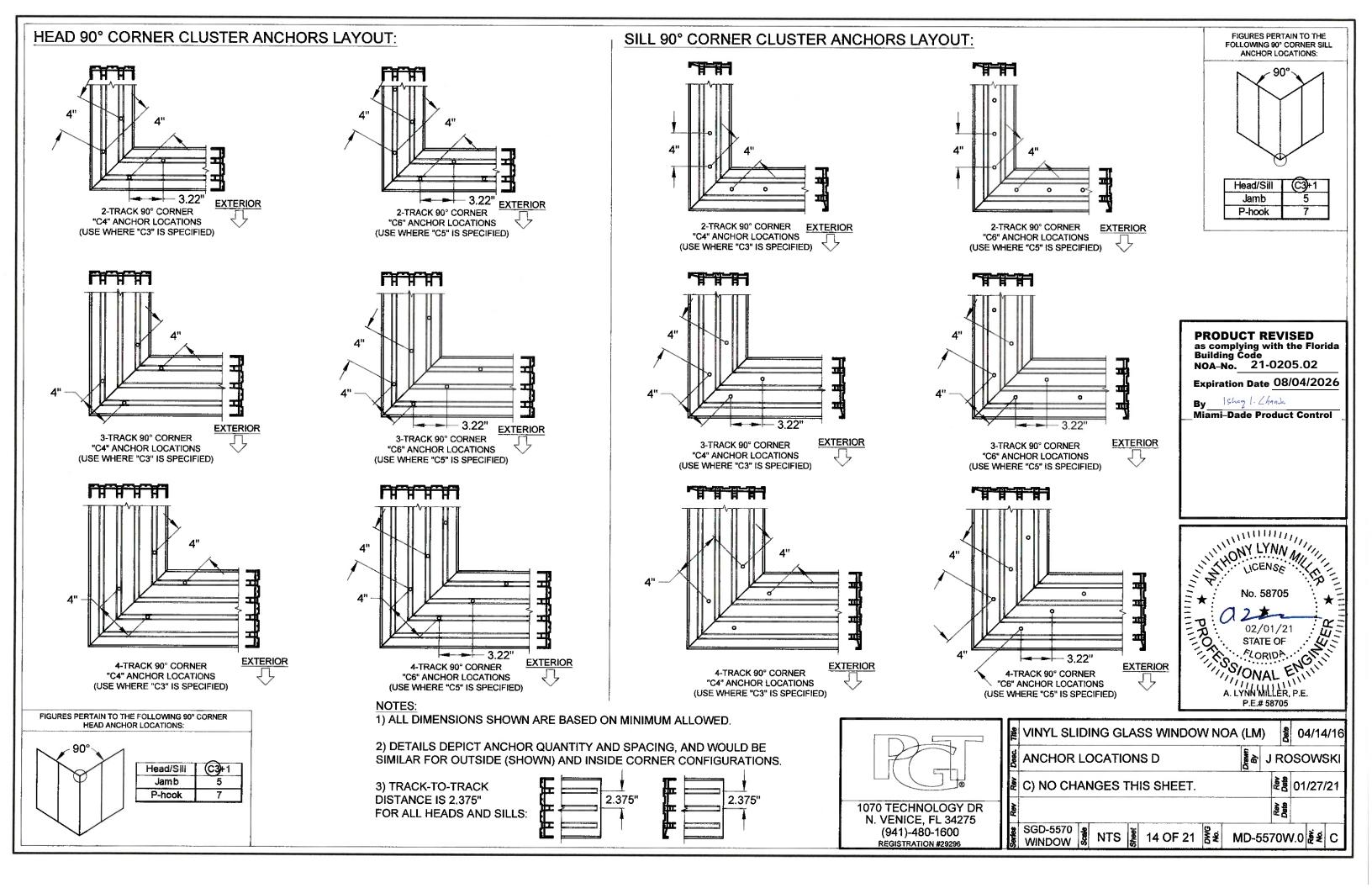


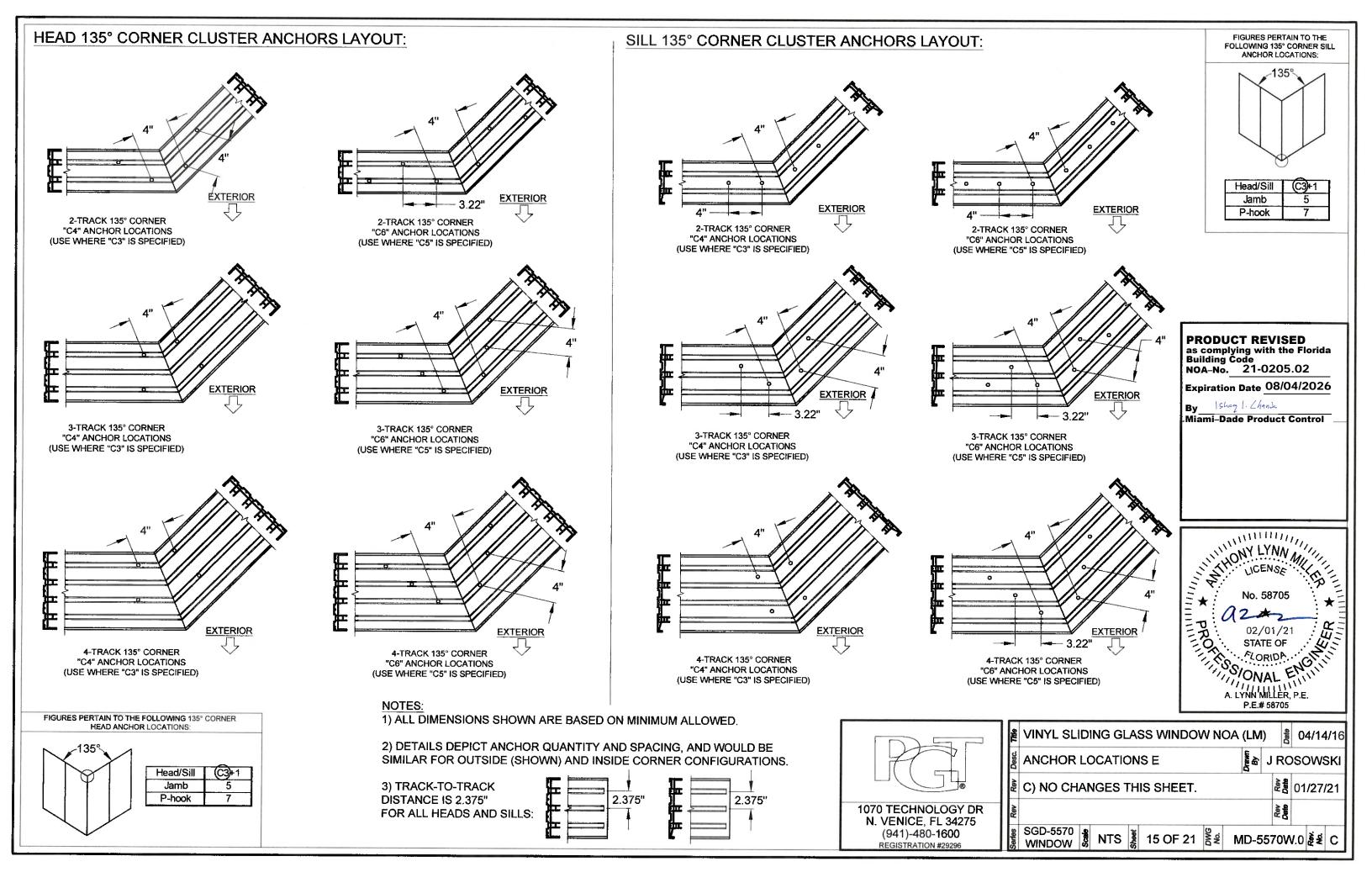


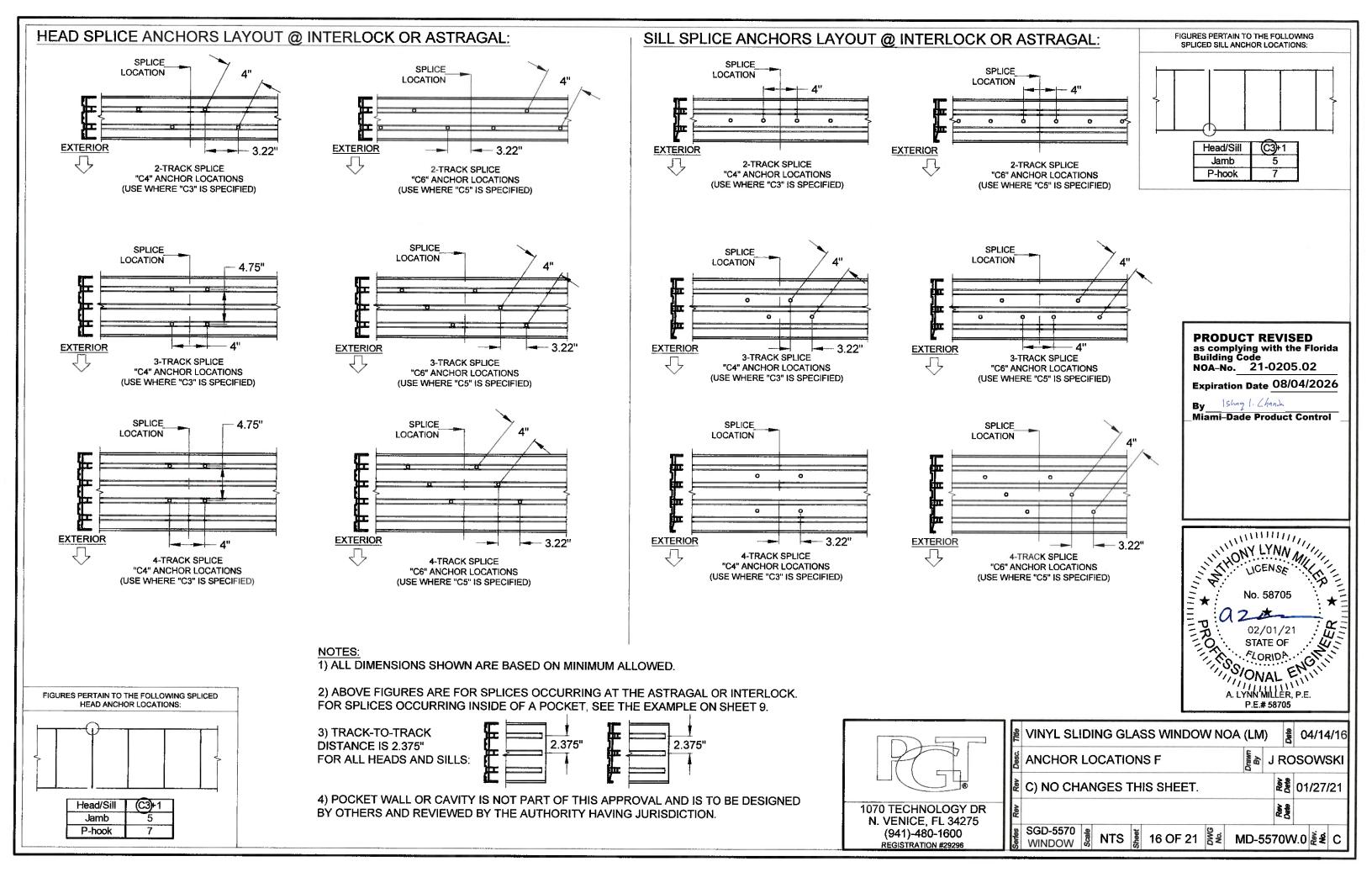


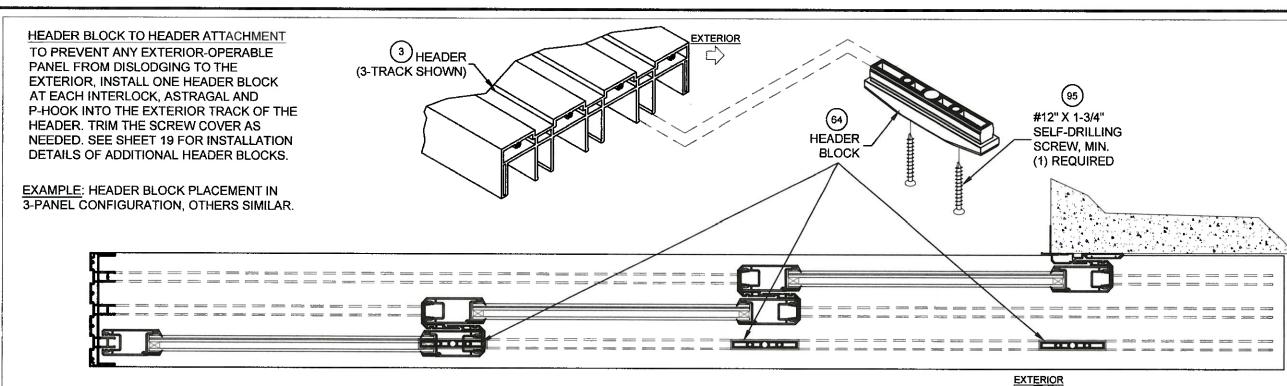












OUTSIDE 90°

**ASTRAGAL** 

RECEIVER

TC

SC

ASTRAGAL

**BOX IN** 

1

(BOX IN)

C (BOX IN)

S (BOX IN)

(BOX IN)

INSIDE 90°

**ASTRAGAL** 

RECEIVER

TA

SA

FD

OUTSIDE 135°

ASTRAGAL

RECEIVER

SV

INSIDE 135°

ASTRAGAL

RECEIVER

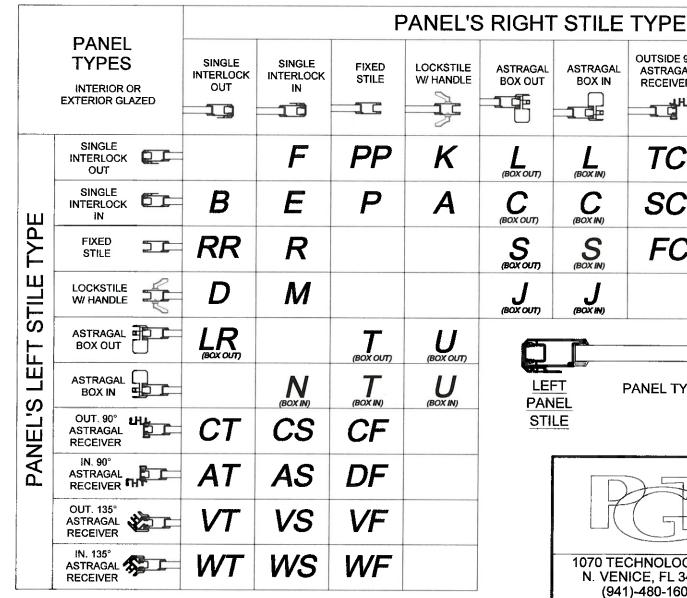
TW

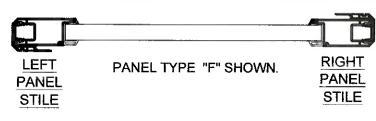
SW

FW

#### PANEL NOTES:

- 1) SEE DP/ANCHOR TABLES 1 & 2, SHEETS 7-8 FOR PANEL SIZES & DESIGN PRESSURE.
- 2) PANEL TYPES NOT SHOWN ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.
- 3) MAXIMUM NOMINAL PANEL WIDTH FOR ALL PANEL CONFIGURATIONS IS 60".
- 4) PANEL TYPE MAY BE EITHER EXTERIOR (STANDARD) OR INTERIOR GLAZED, BOTH TYPES QUALIFIED BY THIS APPROVAL, SEE DETAILS SHEET 10.



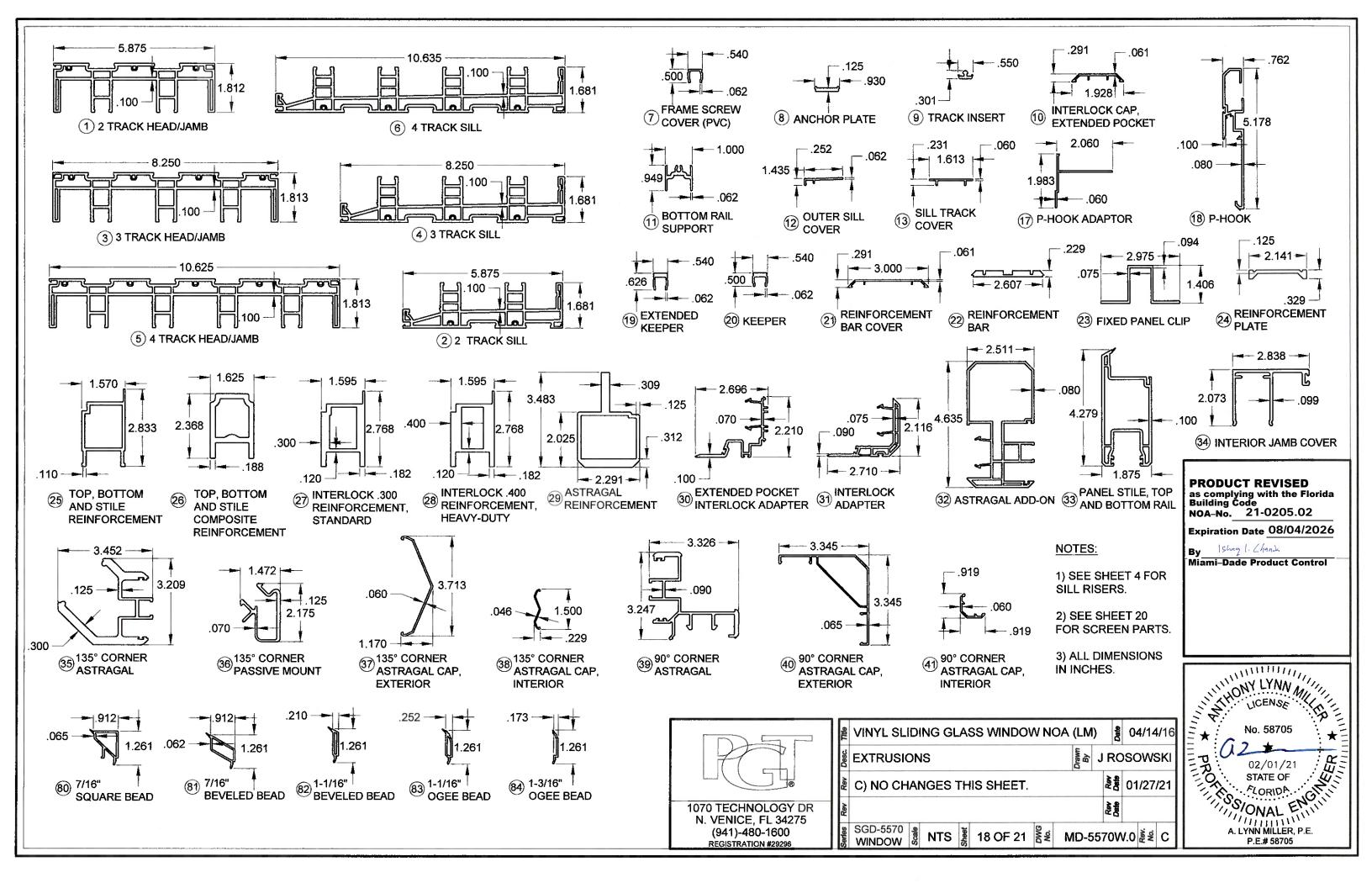


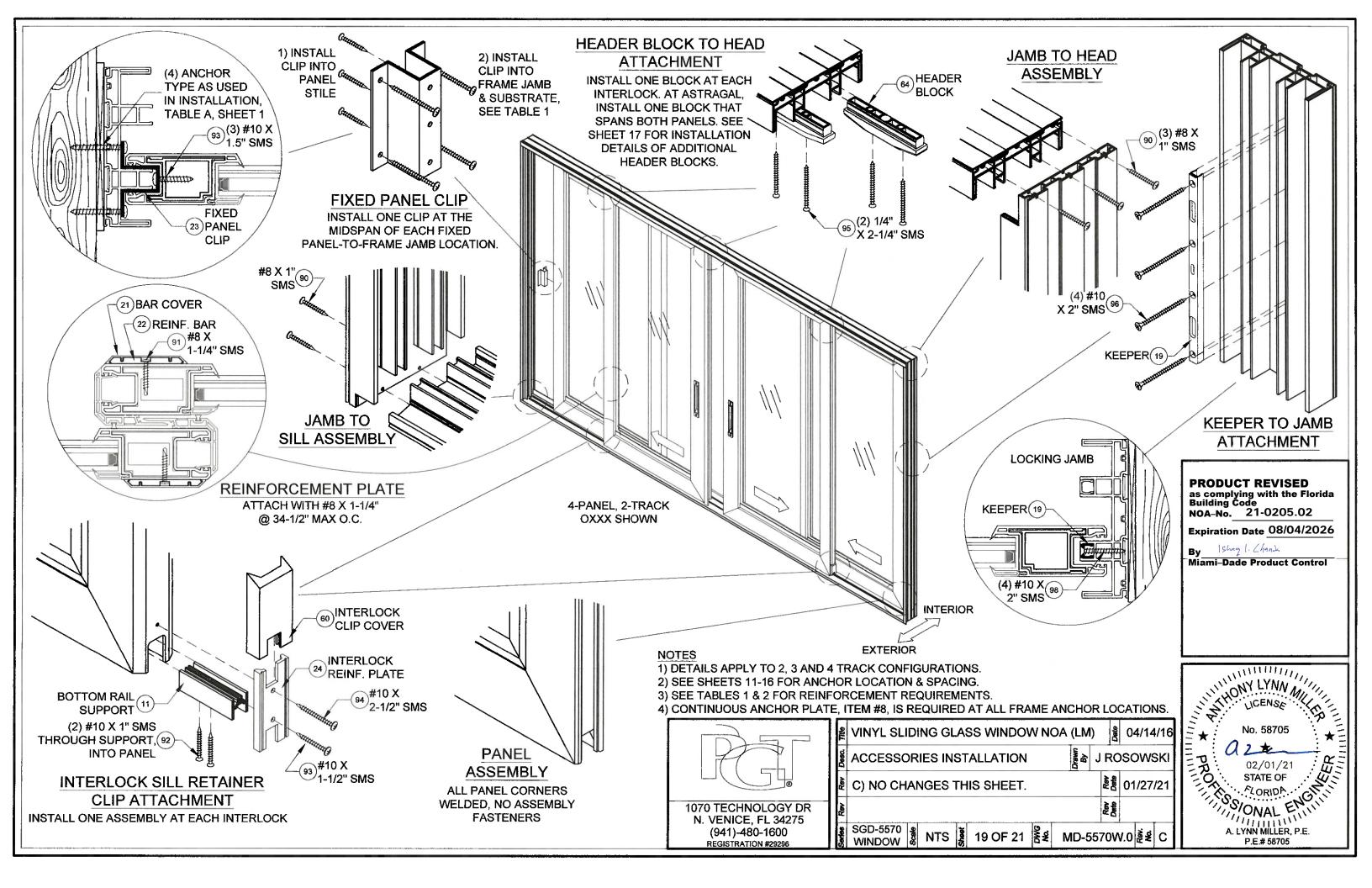
SUREE	N PANEL TYPES	5
DOUBLE INTERLOCK		ASTRAGAL
LOCKSTILE		DOUBLE INTERLOCK
LOCKSTILE		ASTRAGAL
SINGLE INTERLOCK	5	DOUBLE INTERLOCK
DOUBLE INTERLOCK		LOCKSTILE
ASTRAGAL		LOCKSTILE
DOUBLE INTERLOCK		SINGLE INTERLOCK
The same of the sa	DOUBLE INTERLOCK  LOCKSTILE  LOCKSTILE  SINGLE INTERLOCK  DOUBLE INTERLOCK  ASTRAGAL  DOUBLE	LOCKSTILE  LOCKSTILE  SINGLE INTERLOCK  DOUBLE INTERLOCK  ASTRAGAL  DOUBLE

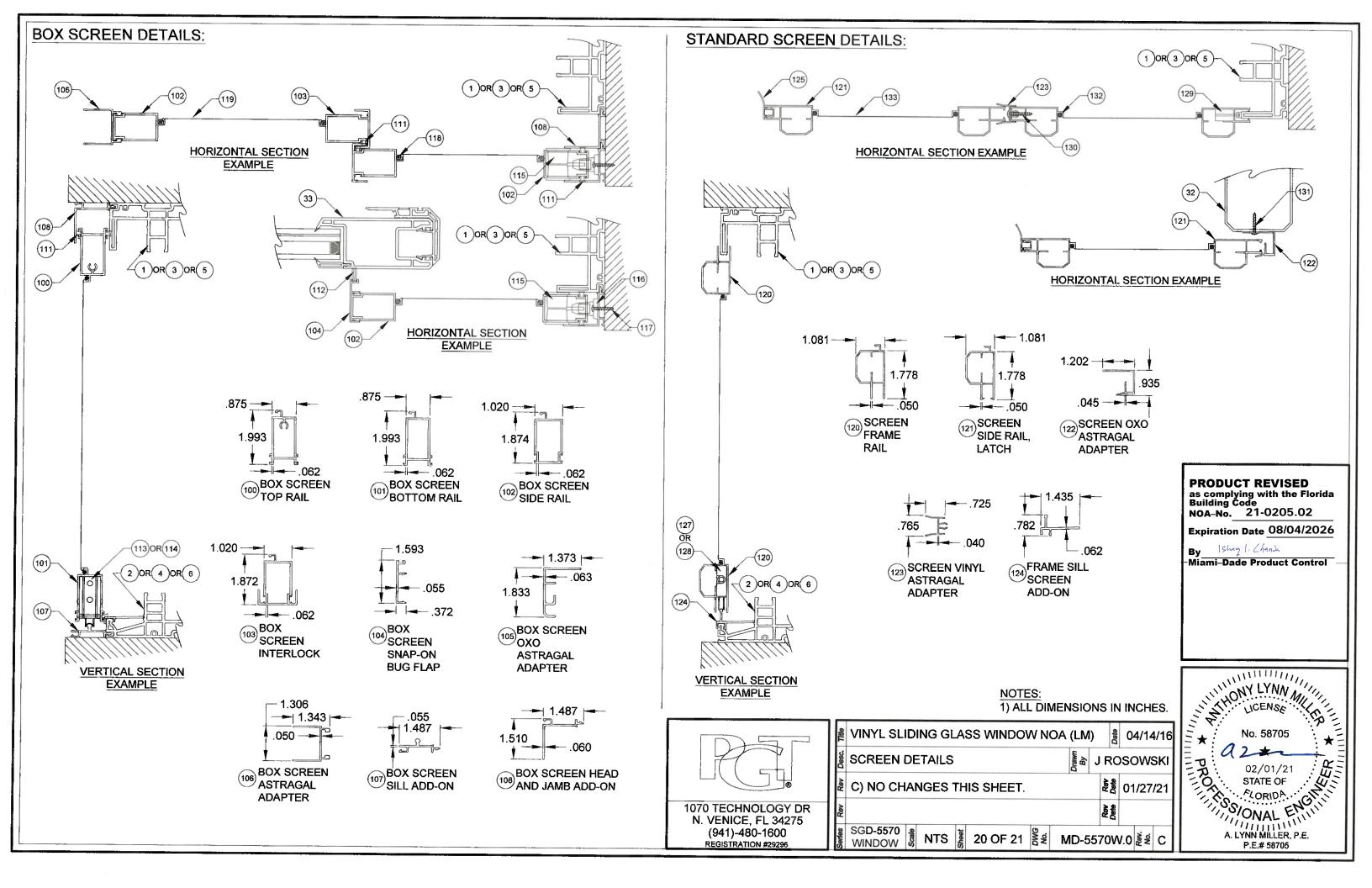
By Ishag 1. Chands

			_		
	9 <u>1</u> 1	VINYL SLIDING GLASS WINDOW NOA	(LM	) Dete	04/14/16
	Desc.	PANEL TYPES & HEADER BLOCK	Drawn By	J RC	SOWSKI
	Rev	C) NO CHANGES THIS SHEET.		Rev	01/27/21
1070 TECHNOLOGY DR N. VENICE, FL 34275	Rev			Rev	
(941)-480-1600 REGISTRATION #29296	Series	SGD-5570	D-5	570V	/.0 ≹

**PRODUCT REVISED** as complying with the Florida Building Code NOA-No. 21-0205.02 Expiration Date 08/04/2026 Miami-Dade Product Control 02/01/21 STATE OF SONAL EN A ORIDA. A. LYNN MILLER, P.E. P.E.# 58705







# TABLE C:

#	Part #	Description	Material
1	19001	2-Track Head/Jamb	Rigid PVC
2	19002	2-Track Sill	Rigid PVC
3	19025	3-Track Head/Jamb	Rigid PVC
4	19026	3-Track Sill	Rigid PVC
5	19027	4-Track Head/Jamb	Rigid PVC
6	19028	4-Track Sill	Rigid PVC
7	19009	Frame Screw Cover	Rigid PVC
8	19031	Anchor Plate	6063-T6 Alum.
9	19007	Track Insert	6063-T6 Alum.
10	19084	Interlock Cap - Extended Pocket	Rigid PVC
11	19036	Bottom Rail Support	6063-T6 Alum.
12	19006A	Outer Sill Cover	6063-T6 Alum.
13	19011	Sill Track Cover	Rigid PVC
17	19032	P-Hook Adapter	6063-T6 Alum.
18	19020	P-Hook	6063-T6 Alum.
19	19047M	Extended Keeper	6063-T6 Alum.
20	19029M	Keeper	6063-T6 Alum.
21	19014	Reinforcement Bar Cover	Rigid PVC
22	19030	Reinforcement Bar	6005-T5 Alum.
23	19037M	Fixed Panel Clip	6063-T6 Alum.
24	19035M	Reinforcement Plate	6063-T6 Alum.
25	19017M	Top Rail, Bottom Rail and Lockstile	6005-T5 Alum.
26	19046	Reinforcement	Composite
27	19018M	Interlock .300 Reinforcement, Std.	6005-T5 Alum.
28	19013M	Interlock .400 Reinforcement, HD	6005-T5 Alum.
29	19019M	Astragal Reinforcement	6005-T5 Alum.
30	19083	Extended Pocket Interlock Adaptor	6063-T6 Alum.
31	19005	Interlock Adaptor	Rigid PVC
32	19008	Astragal Add-on	Rigid PVC
33	19004	Panel Stile, Top/Bottom Rail	Rigid PVC
34	19040	Interior Jamb Cover	6063-T6 Alum.
35	19076	135° Comer Astragal	6063-T6 Alum.
36	19077	135° Corner Astragal Passive Mount	6063-T6 Alum.
37	19079	135° Corner Astragal Cap - Ext.	Rigid PVC
38	19080	135° Corner Astragal Cap - Int.	Rigid PVC
39	19078	90° Corner Astragal	6063-T6 Alum.
40	19081	90° Comer Astragal Cap - Ext.	Rigid PVC
41	19082	90° Comer Astragal Cap - Int.	Rigid PVC

# TABLE F:

Material	Min. F <sub>y</sub>	Min. F <sub>u</sub>
#12 Steel Screw	92 ksi	120 ksi
#12 410 Screw	90 ksi	110 ksi
1/4" DeWalt/Elco Aggre-Gator®	57 ksi	96 ksi
1/4" Elco UltraCon®	155 ksi	177 ksi
1/4" DeWatt UltraCon+®	148 ksi	164 ksi
1/4" 410 SS DeWalt/Elco CreteFlex®	127.4 ksi	189.7 ksi
6063-T5 Aluminum	16 ksi	22 ksi
A36 Steel	36 ksi	58 ksi
Gr. 33 Steel Stud	33 ksi	45 ksi

#	Part#	Description	Material
42	19085	Sill Riser - (2-1/2")	6063-T6 Alum.
43	19022A	Sill Riser - (3-1/2")	6063-T6 Alum.
44	19023A	Sill Riser - (4-1/16")	6063-T6 Alum.
45	19024A	Sill Riser - (4-5/8")	6063-T6 Alum.
50	718609W	.187" x .320" Finseal (Stile)	
51	71695K	1-1/2" x 1" x 3/4" Fin Seal Dust Plug	
52	71696	Dust Plug	
60	419041	Interlock Clip Cover	PVC
61	78153X	Tandem Roller Assembly	SS
62	78153N	Tandem Roller Assembly	Nylon
63	78X75FPTX	#8 x 3/4" Ph. FH SMS @ Roller & Reinf.	SS
64	419042	Frame Header Block	Nylon
65	48052	Roller Adj. Hole Plug	PVC
66	44385	4 Hole Bumper Stop	PVC
67	76X114FPTX	#6 x 1-1/4" Ph. FH SMS @Bumper Stop	SS
68	71696G	Sill Plug	PVC
69	78185X	Gemini Mortise Lock w/long Trim plate	Steel/SS
70	71032X1FPFX	10-32 x 1" Ph.FH MS @ Lock	SS
71	varies	Handle Kit	Cast Zinc
72	19054	Interlock Retainer Clip	Nylon
75		Kommerling 4SG TPS Spacer System	
76		Quanex Super Spacer nXT with Hot Melt Butyl	See Sheet
77		Quanex Duraseal	10 for Materials
78		Cardinal XL Edge Spacer	Iviateriais
79		Dow 791, 983, 995 or GE-7700 Backbedding	Silicone
80	19090	7/16" Square Bead	Rigid PVC
81		7/16" Beveled Bead	Rigid PVC
82	19044	1-1/16" Beveled Bead	Rigid PVC
83	19045	1-1/16" Ogee Bead	Rigid PVC
84	19016	1-3/16" Ogee Bead	Rigid PVC
85	71725K	Setting Block 1/2" x 4" x 1/16", 85 +/- 5 duro.	Neoprene
86	71726K	Setting Block 1" x 4" x 1/16", 85 +/- 5 duro.	Neoprene
90	781PSTX	#8 x 1" Ph. PH SMS @ Frame Assembly	ss
91	78X114PHPT410X	#8 x 1-1/4" Ph. PH SMS @ Reinf. Bar	SS
92	710X1PHPT18-8X	#10 x 1" Ph. PH SMS @ Rail Support	SS
93	710X115PPX	#10 x 1-1/2" Ph. PH SMS @ Fxd. Pnl. Clip	SS
94	710X2.5PHPT18-8X	#10 x 2-1/2" Ph. PH SMS @ Reinf. Plate/Ast.	SS
95	71420X2.25FPFX	#12 x 2-1/4" Ph. PH SMS @ Hdr. Błock	SS
96	710X1.75PPX	#10 x 1-3/4" Ph. FH SMS @ Keeper	SS
97	710X34PPX	#10 x 3/4" Ph. PH SMS @ Ext. Pkt. Int.	SS
98	710X2PPX	#10 x 2" Ph. FH SMS @ Keeper	SS

# TABLE D: BOX SCREEN

#	Part #	Description	Material			
100	12256	Box Screen Top Rail	6063 T5 AI			
101	12257	Box Screen Bottom Rail	6063 T5 AI			
102	12258	Box Screen Side Rail	6063 T5 AI			
103	64428	Box Screen interlock	6063 T6 AI			
104	17347A	Box Screen Snap-on Bug Flap	6063 T6 AI			
105	64345	Box Screen OXO Astragal Adapter	6063 T6 AI			
106	17349	Box Screen Astragal Adapter	6063 T5 AI			
107	19039	Box Screen Frame Sill Add-on	6063 T6 AI			
108	19038	Box Screen Head/Jamb Add-on	6063 T6 AI			
109	720X1X	#14-20 x 1" MS @ Top Rail	SS			
110	720X112X	#14-20 x 1-1/2" MS @ Bottom Rail	SS			
111	71793G	Wstp, .270" x .150" - Fin Seal				
112	61805K	Wstp, .187" x .500" @ Bug Flap				
113	7SRAZ	Standard Roller	Nylon			
114	7SRAX	HD Roller	SS			
115	varies	Screen Locking Hardware	Steel			
116	419053	Screen Keeper	Steel			
117	76X1PPA	#6 x 1" Ph. PH SMS	Steel			
118	1692/3/4	Screen Spline150" & .165"	Vinyl			
119	1816C20	Screen Cloth	Fiberglass			

# TABLE E: STANDARD SCREEN

#	Part #	Description	Material
120	12033	Screen Frame Rail	6063 T5 AI
121	12026A	Screen Frame - Side Rail (Latch)	6063 T5 AI
122	17363	Screen OXO Astragal Adapter	6063 T6 AI
123	4853K	Screen Vinyl Astragal Adapter	Rigid PVC
124	19012B	Frame Sill Screen Add-on	6063 T6 A1
125	6FP95K	Bug Flap, 85 +/- 5 duro.	Vinyi
126	78X112PSATS	#8 x 1-1/2" Ph. PH SMS (Assembly)	SS
127	712027	Corner Key Wheel Assembly (Standard)	Nylon
128	712027SS	Corner Key Wheel Assembly (HD)	SS
129	varies	Screen Locking Hardware	Steel
130	710X34PPSDAX	#10 x 3/4" Ph. PH SMS @ Screen Ast.	SS
131	78X12PPSMSX	#8 x 1/2" Ph. PH SMS @ Door Ast.	SS
132	1692/3/4	Screen Spline145"	Vinyl
133	1816C20	Screen Cloth	Fiberglass

ITEMS #14-16, 46-49, 53-59, 73, 74 & 87-89, 98 & 99 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.

# 1070 TECHNOLOGY DR N. VENICE, FL 34275 (941)-480-1600 REGISTRATION #29296

1	Title	VINYL SLIDING GLASS WINDOW NOA (L	_M)	Date	04/14/16		
	Desc.	PARTS LIST	ROSOWSKI				
	Rev	C) NO CHANGES THIS SHEET.		Rev Date	01/27/21		
1	Rev			Rev			
	Series	SGD-5570 NTS S 21 OF 21 S MD	)-557	70V	V.O § €	С	

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.02
Expiration Date 08/04/2026

By Ishan I. Chank
Miami-Dade Product Control

