



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

NOTICE OF ACCEPTANCE (NOA)

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 90° and 135° corners and w/wo Pockets-L.M.I.

APPROVAL DOCUMENT: 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., 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 # 17-0420.16 consists of this page 1 and evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY
APPROVED

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

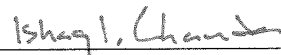
along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL 6638** (samples A-1 thru A-22), dated 11/19/10, signed and sealed by Jorge A. Causo, P. E.

(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. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0406.06
Expiration Date: August 04, 2021
Approval Date: August 27, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

1. Statement letter of compliance to FBC 2017 (6th 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 (5th edition), prepared by PGT, dated 05/02/16, signed and sealed by Anthony L. Miller, P.E.
3. Glazing complies with ASTM E-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 ASTM E-84, ASTM D1929 and ASTM D-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 (6th 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 (5th 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. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0406.06
Expiration Date: August 04, 2021
Approval Date: August 27, 2020

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⁺ anchor comparison, complying with **FBC 7th Edition (2020)** dtd 04/02/20, prepared by manufacturer, signed and sealed by A. Lynn Miller, P.E.
2. Glazing complies with ASTM E-1300-09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

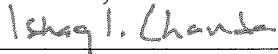
1. Notice of Acceptance No. **18-1108.10** issued to Vision Extrusion Ltd for their "**White Rigid PVC**", expiring on 09/30/24.
2. Notice of Acceptance No. **16-0920.08** issued to Vision Extrusion Ltd for their "**VE 1000 Tan 202 & light shaded (Non-White) Rigid PVC**", expiring on 12/29/21.
3. Notice of Acceptance No. **18-1108.11** issued to Vision Extrusion Ltd for their "**Brown Coated (Painted or Laminated) White Rigid PVC**", expiring on 10/29/21
4. Test reports No(s). 10-002-792(A), 10-006-10231, 535753-09, per ASTM E-84, ASTM D1929 and ASTM D-635, issued by EXOVA to Vision Extrusion for cellulosic composite material.
5. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. for the "**Sentry Glass ® (Clear and White) Interlayer**", expiring on 07/04/23.
6. Notice of Acceptance No. **17-1114.13** issued to Kuraray America, Inc. for the "**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 (7th 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.


Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0406.06
Expiration Date: August 04, 2021
Approval Date: August 27, 2020

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 HAS NOT 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

TABLE A:

Table with 6 columns: Group, Anchor, Substrate, Frame Member, Min. Edge Distance, Min. Embedment. It details various anchor and substrate combinations for different frame members.

* 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.

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

- 2020 FLORIDA BUILDING CODE (FBC), 7TH EDITION
2017 FLORIDA BUILDING CODE (FBC), 6TH EDITION
ASTM E1300-09
ANSI/AF&PA NDS-2018 FOR WOOD CONSTRUCTION
ALUMINUM DESIGN MANUAL, ADM-2015
AISI S100-16
AISC 360-16

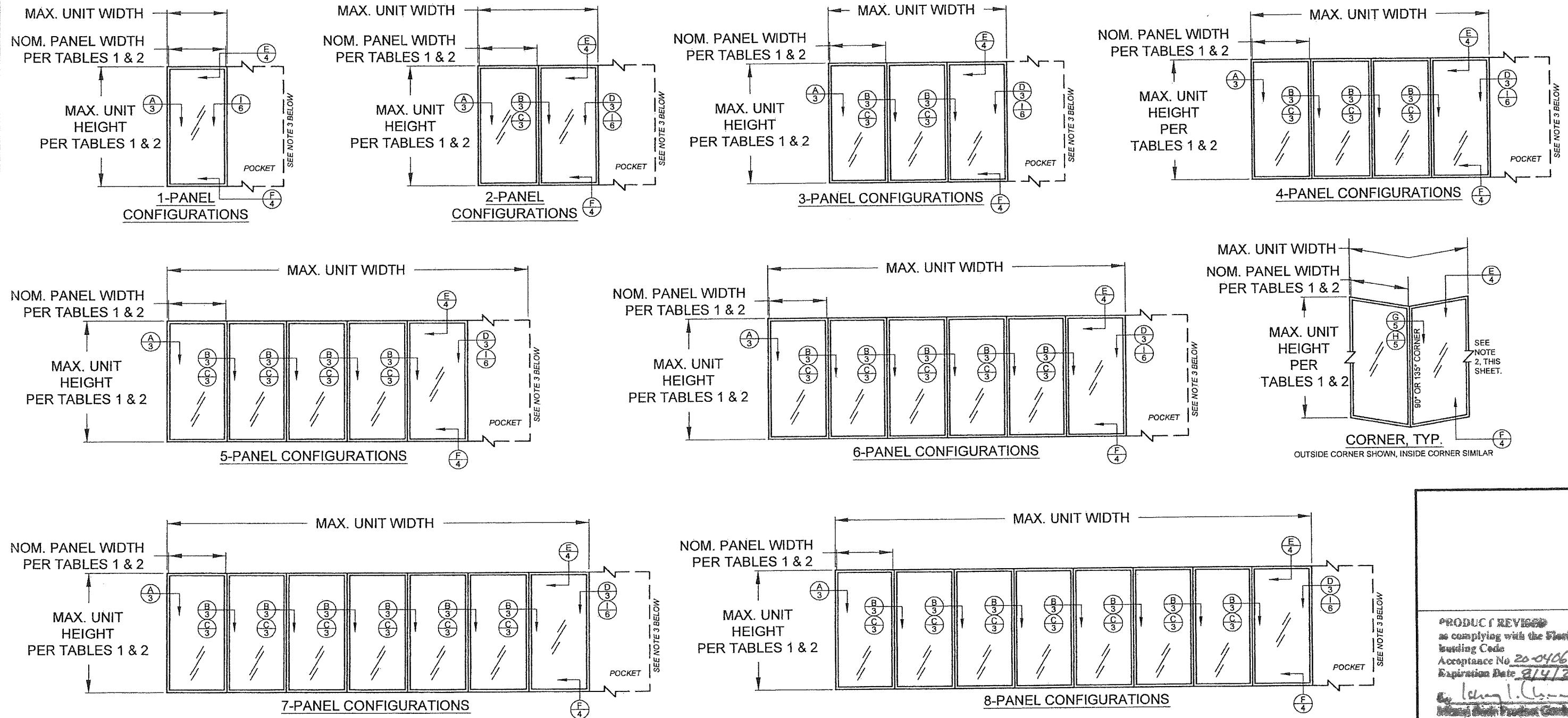
GENERAL NOTES..... 1
EXAMPLE CONFIGS..... 2
INSTALL DETAILS..... 3-6
DP/ANCHOR TABLES..... 7-8
EXAMPLE..... 9
GLAZING DETAILS..... 10
ANCHOR LOCATIONS..... 11-16
PANEL TYPES..... 17
EXTRUSIONS..... 18
ACCESSORIES..... 19
SCREEN DETAILS..... 20
PARTS LIST..... 21

P&G logo and address: 1070 TECHNOLOGY DR N. VENICE, FL 34275 (941)-480-1600 REGISTRATION #29296

Table with 3 columns: Title, Date, and Revision. It tracks revisions to the VINYL SLIDING GLASS WINDOW NOA (LM) drawing.

PRODUCT REVIEW stamp with handwritten acceptance date 20-04-06 and signature.

Professional Engineer stamp for Anthony Lynn Miller, License No. 58705, State of Florida.



CONFIGURATIONS NOTES:

- 1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS. EXAMPLE: 4-PANEL XXXX IN POCKET (p) CONFIGURATION CAN BE pXXXXp, pXXXX OR XXXXp. OXXX IN POCKET CONFIGURATION CAN BE OXXXp.
- 2) 90° & 135° CORNER CONFIGURATIONS ARE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.
- 3) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- 4) FOR NOM. PANEL WIDTH, SEE TABLES 1 & 2.
- 5) MAX. ALLOWABLE FRAME SQUARE FOOTAGE = 472.656 FT²

"X" = OPERABLE PANEL
 "O" = INOPERABLE PANEL
 "p" = POCKET

DLO WIDTH = NOM. PANEL WIDTH - 8-9/16"
 NOM. PANEL WIDTH = PANEL WIDTH + 1-3/16"
 DLO HEIGHT = DOOR HEIGHT - 11-1/16"
 PANEL HEIGHT = DOOR HEIGHT - 2-1/2"

PGT

1070 TECHNOLOGY DR
 N. VENICE, FL 34275
 (941)-480-1600
 REGISTRATION #29295

Series	SGD-5570 WINDOW	Scale	NTS	Sheet	2 OF 21	DWG No.	MD-5570W.0	Rev. No.	B
Rev	B) NO CHANGES THIS SHEET.								
Rev	EXAMPLE CONFIGURATIONS								
Rev	VINYL SLIDING GLASS WINDOW NOA (LM)								
Rev	Date 04/14/16								
Rev	Drawn By J ROSOWSKI								
Rev	Rev Date 03/23/20								

PRODUCT REVIEW
 as complying with the Florida
 Building Code
 Acceptance No. 20-0406-06
 Expiration Date 8/14/21
 Anthony L. Miller
 Professional Engineer

ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 8/2/20
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705

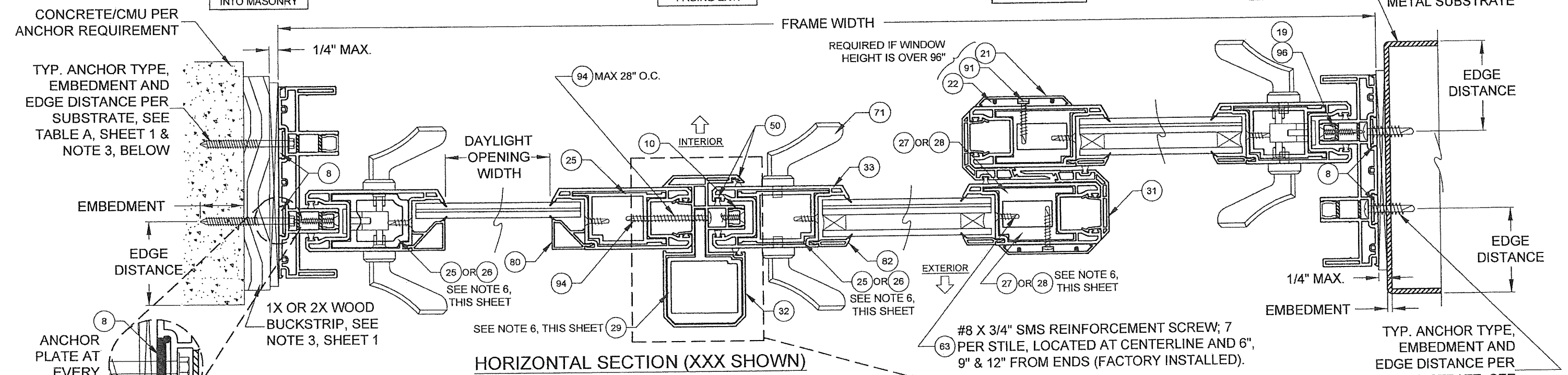
DETAIL A1
THRU 1X WOOD
INTO MASONRY

DETAIL B1
ASTRAGAL
FACING EXT.

DETAIL C1
INTERLOCK

DETAIL D1
INTO METAL

METAL TYP., SEE ANCHOR
NOTE 4, SHEET 1; MIN. OF 3
THREADS BEYOND THE
METAL SUBSTRATE



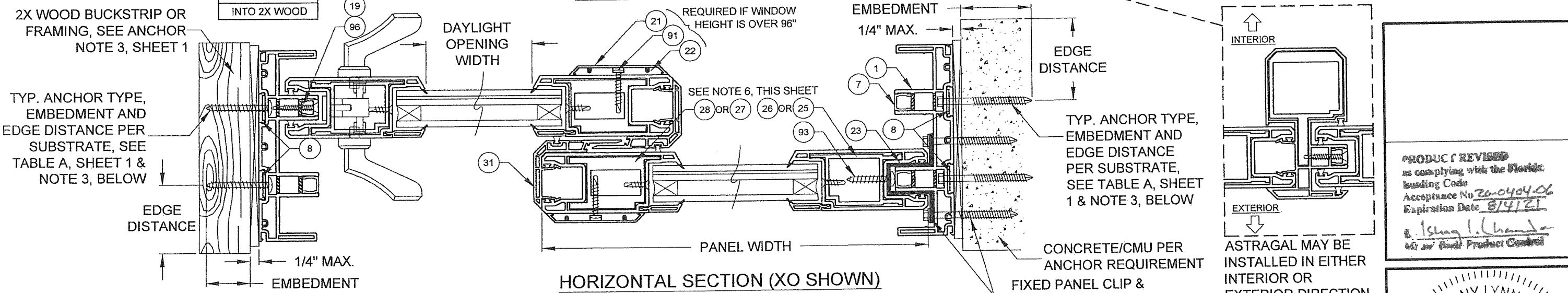
HORIZONTAL SECTION (XXX SHOWN)

DETAIL A2
INTO 2X WOOD

DETAIL C2
INTERLOCK

DETAIL D2
INTO MASONRY

DETAIL B2
ASTRAGAL
FACING INT.

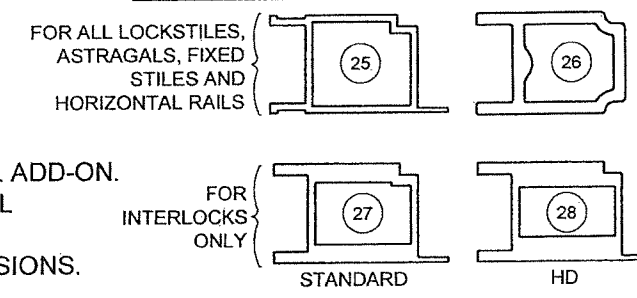


HORIZONTAL SECTION (XO SHOWN)

NOTES

- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) REFER TO ANCHOR NOTES, SHEET 1.
- 3) SEE SHEET 13 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
- 4) CONTINUOUS ANCHOR PLATE, ITEM #8, IS REQUIRED AT ALL FRAME ANCHOR LOCATIONS.
- 5) PANEL WIDTH DOES NOT INCLUDE INTERLOCK OR ASTRAGAL ADD-ON.
- 6) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS. ALL REINFORCEMENTS ARE APPROXIMATELY THE FULL LENGTH OF THE EXTRUSION. REFER TO TEST REPORTS FOR EXACT DIMENSIONS.
- 7) SEE SHEET 20 FOR SCREEN DETAILS.

REINFORCEMENT TYPES (SEE NOTE 6, THIS SHEET)



PGT

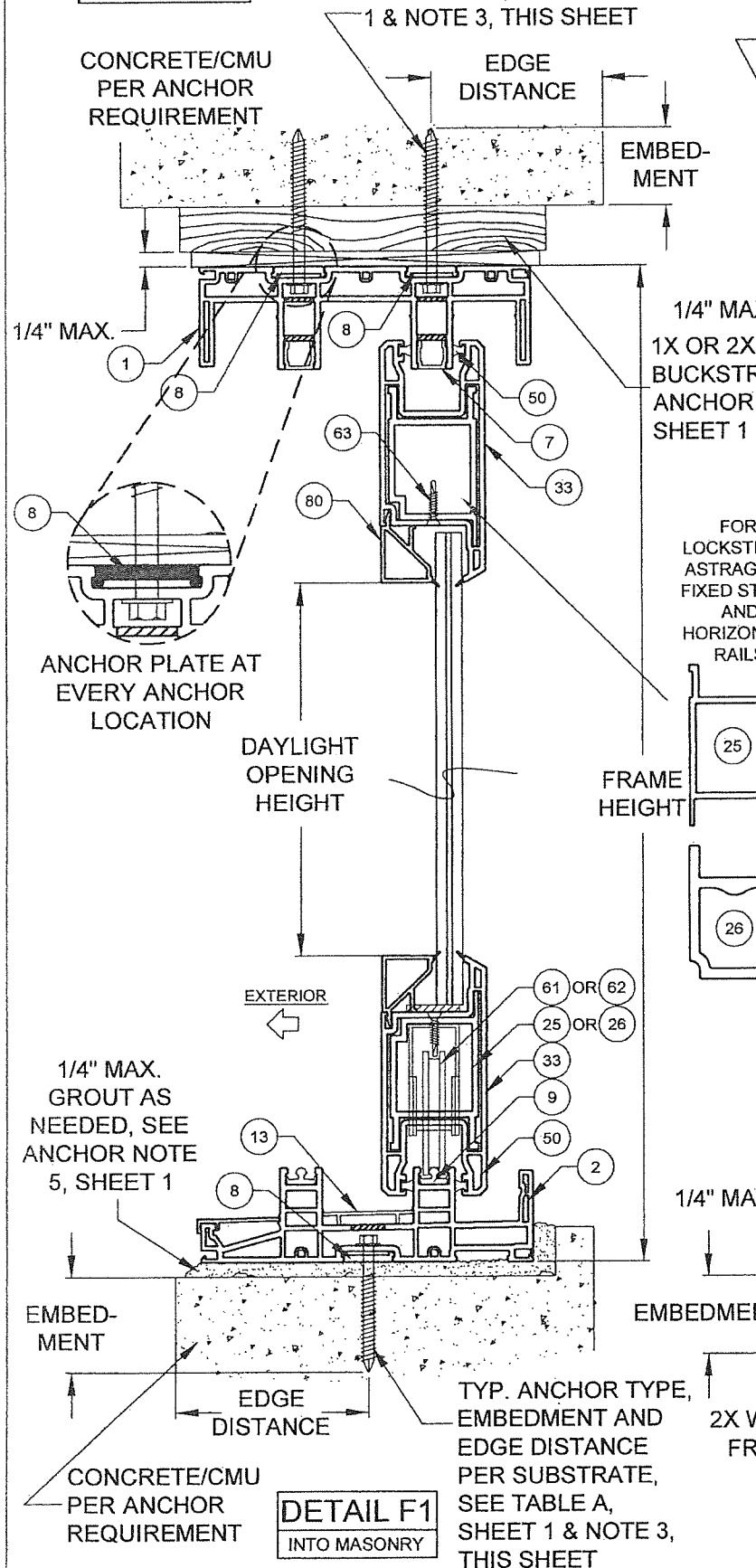
1070 TECHNOLOGY DR
N. VENICE, FL 34275
(941)-480-1600
REGISTRATION #29296

Title		VINYL SLIDING GLASS WINDOW NOA (LM)		Date	04/14/16
Desc.	INSTALLATION, HORIZONTAL X-SECT.	Drawn By	J ROSOWSKI	Rev	
Rev	B) NO CHANGES THIS SHEET.				
Rev		Rev	03/23/20	Rev	
Series	SGD-5570 WINDOW	Scale	NTS	Sheet	3 OF 21
		DWG No.	MD-5570W.0	Rev. No.	B

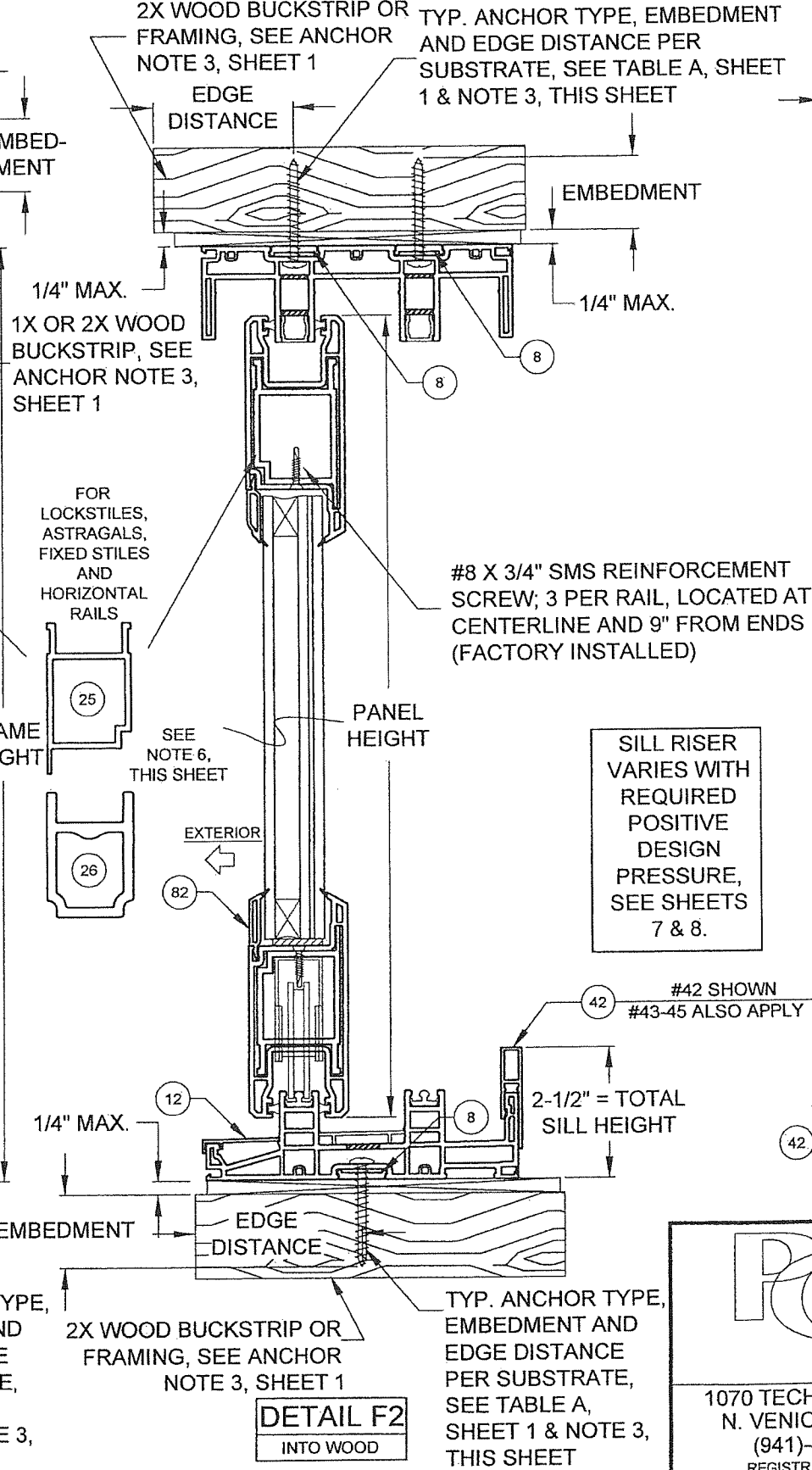
PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 26-0404.06
Expiration Date 8/4/21
E. Ishag I. Chandra
PGT Inc. Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
A2
4/2/20
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

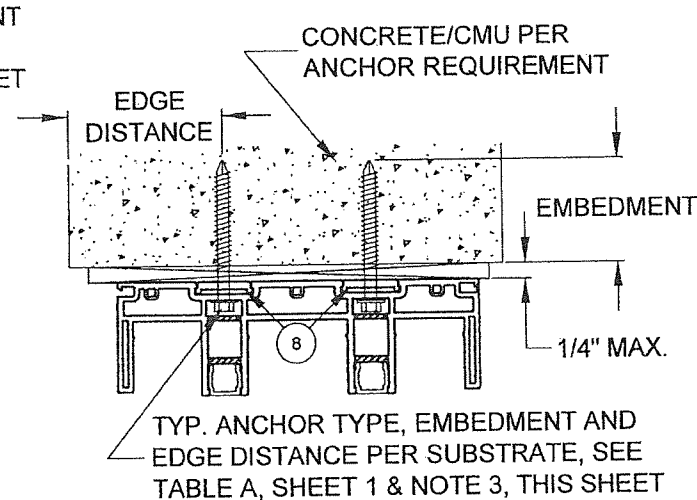
DETAIL E1
INTO MASONRY
1X BUCKSTRIP



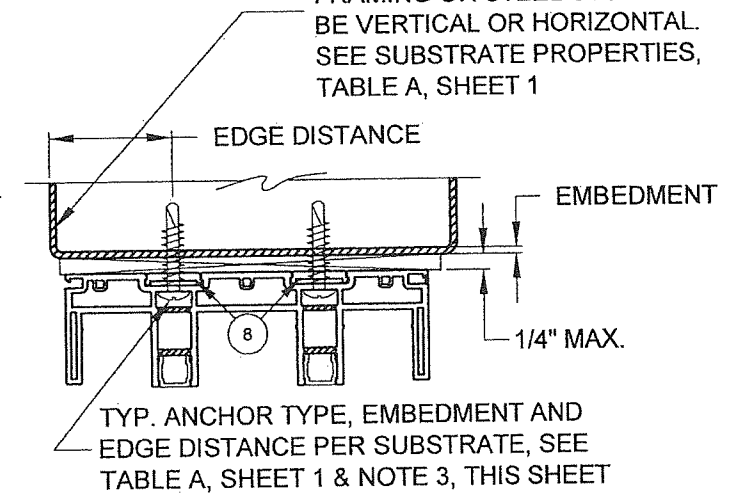
DETAIL E2
INTO WOOD



DETAIL E3
INTO MASONRY



DETAIL E4
INTO METAL

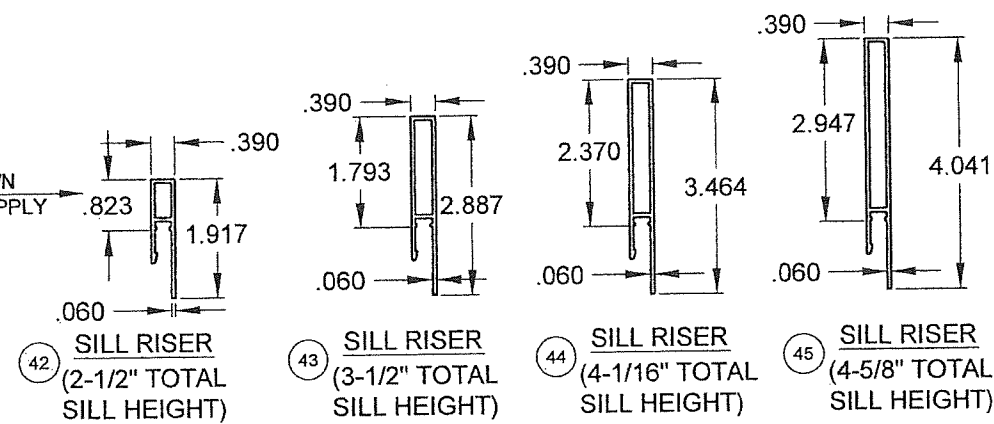


NOTES

- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) REFER TO ANCHOR NOTES, SHEET 1.
- 3) SEE SHEETS 11 & 12 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
- 4) CONTINUOUS ANCHOR PLATE, ITEM #8, IS REQUIRED AT ALL FRAME ANCHOR LOCATIONS.
- 5) SEE SHEET 20 FOR SCREEN DETAILS.
- 6) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS. ALL REINFORCEMENTS ARE APPROXIMATELY THE FULL LENGTH OF THE EXTRUSION. REFER TO TEST REPORTS FOR EXACT DIMENSIONS.

DLO WIDTH = NOM. PANEL WIDTH - 8-9/16"
DLO HEIGHT = DOOR HEIGHT - 11-1/16"
PANEL HEIGHT = DOOR HEIGHT - 2-1/2"

SILL RISER VARIES WITH REQUIRED POSITIVE DESIGN PRESSURE, SEE SHEETS 7 & 8.

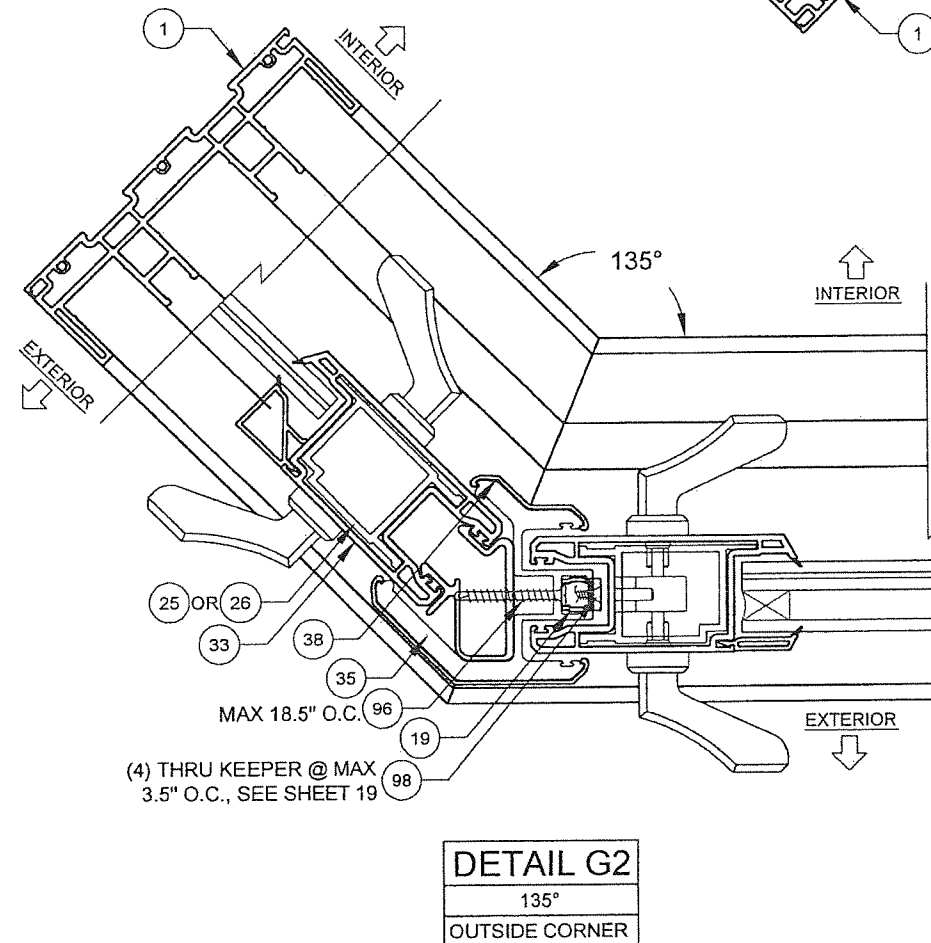
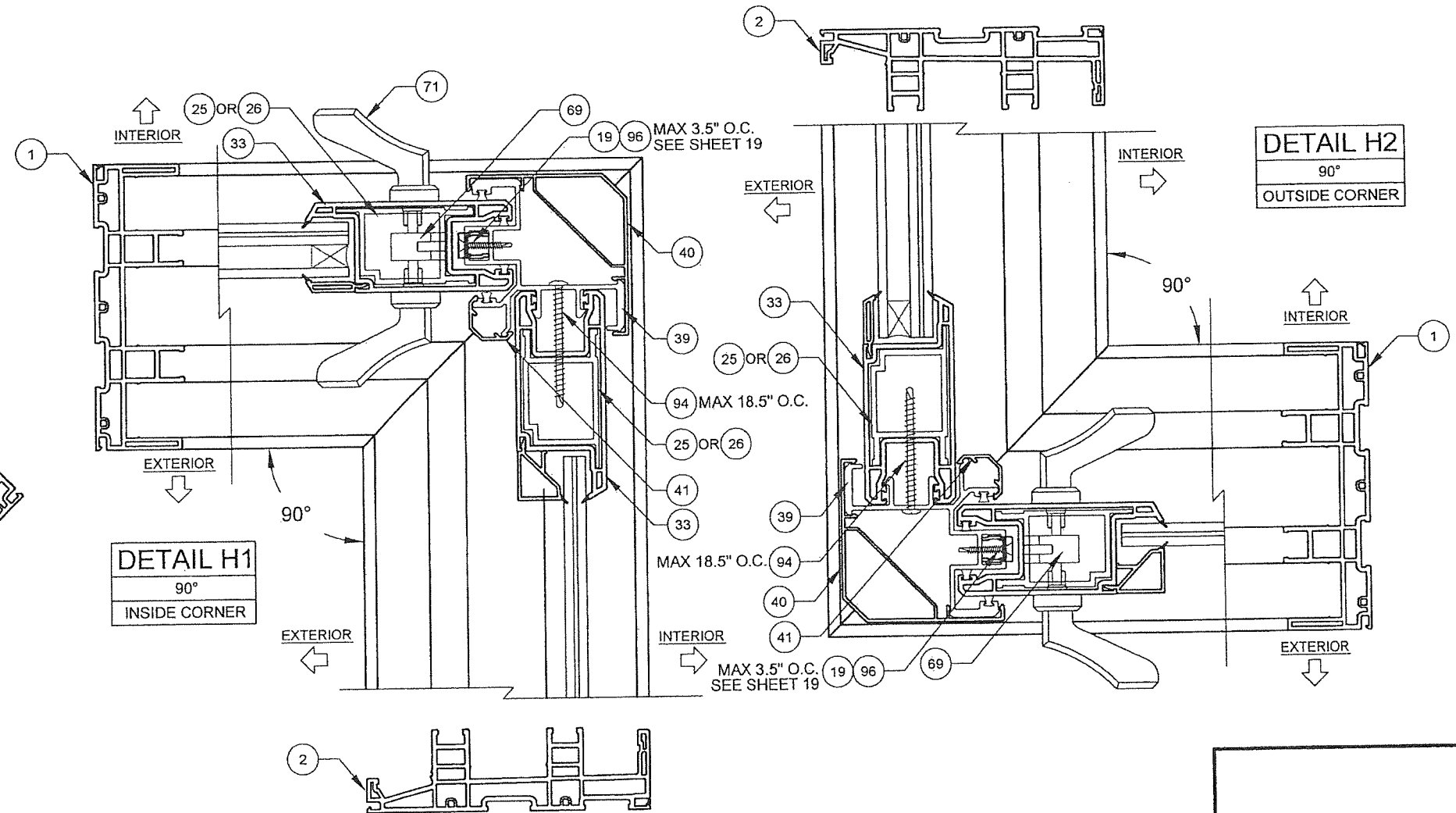
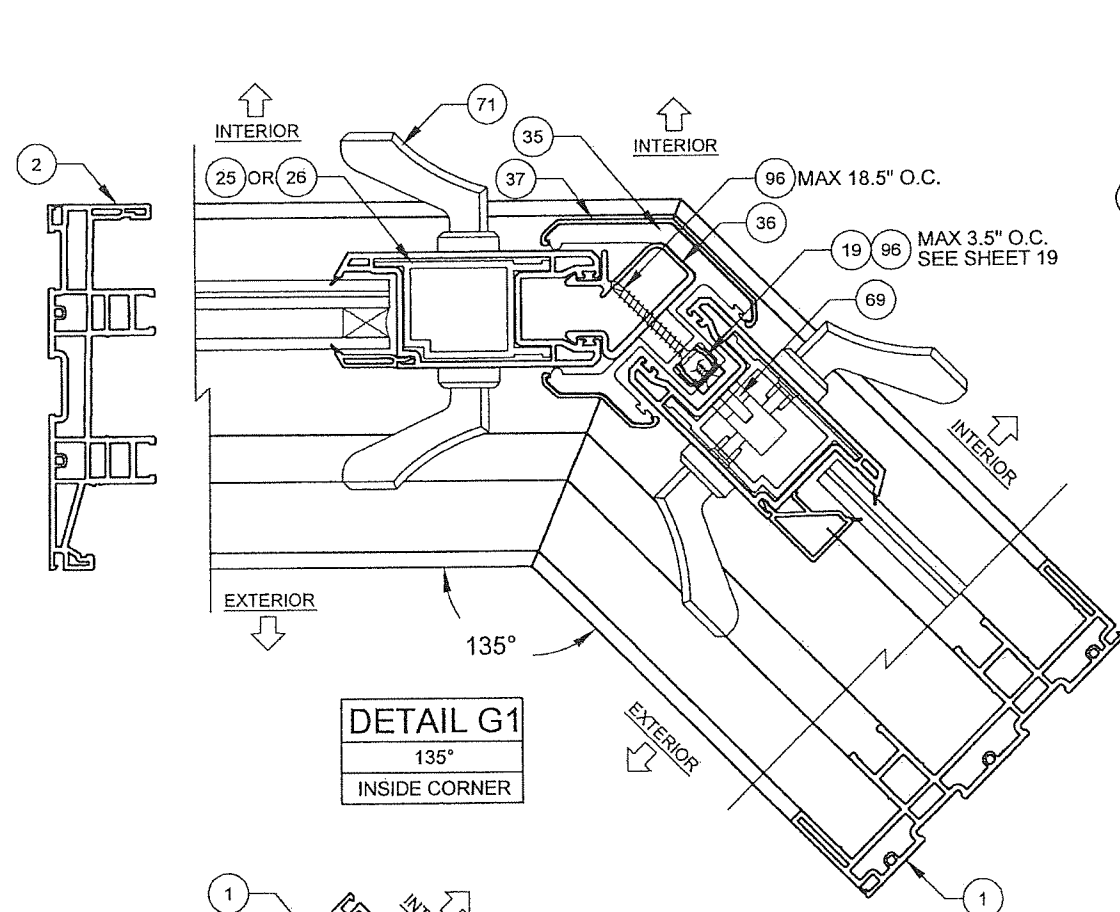


PGT
1070 TECHNOLOGY DR
N. VENICE, FL 34275
(941)-480-1600
REGISTRATION #29296

Title		VINYL SLIDING GLASS WINDOW NOA (LM)		Date		04/14/16	
Desc.		INSTALLATION, VERTICAL X-SECT.		Drawn By		J ROSOWSKI	
Rev		B) NO CHANGES THIS SHEET.		Rev Date		03/23/20	
Rev				Rev Date			
Series	SGD-5570	Scale	NTS	Sheet	4 OF 21	DWG No.	MD-5570W.0
	WINDOW					Rev. No.	B

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 20-0406-06
Expiration Date 8/14/21
Anthony Lynn Miller
Winn-Dixie Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
9/2/20
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



NOTES

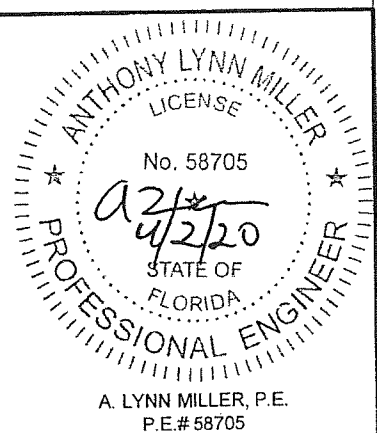
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) SEE SHEETS 14 & 15 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
- 3) CORNER ASTRAGAL MAY BE EITHER TO THE INTERIOR OR EXTERIOR, DEPENDING ON CONFIGURATION.

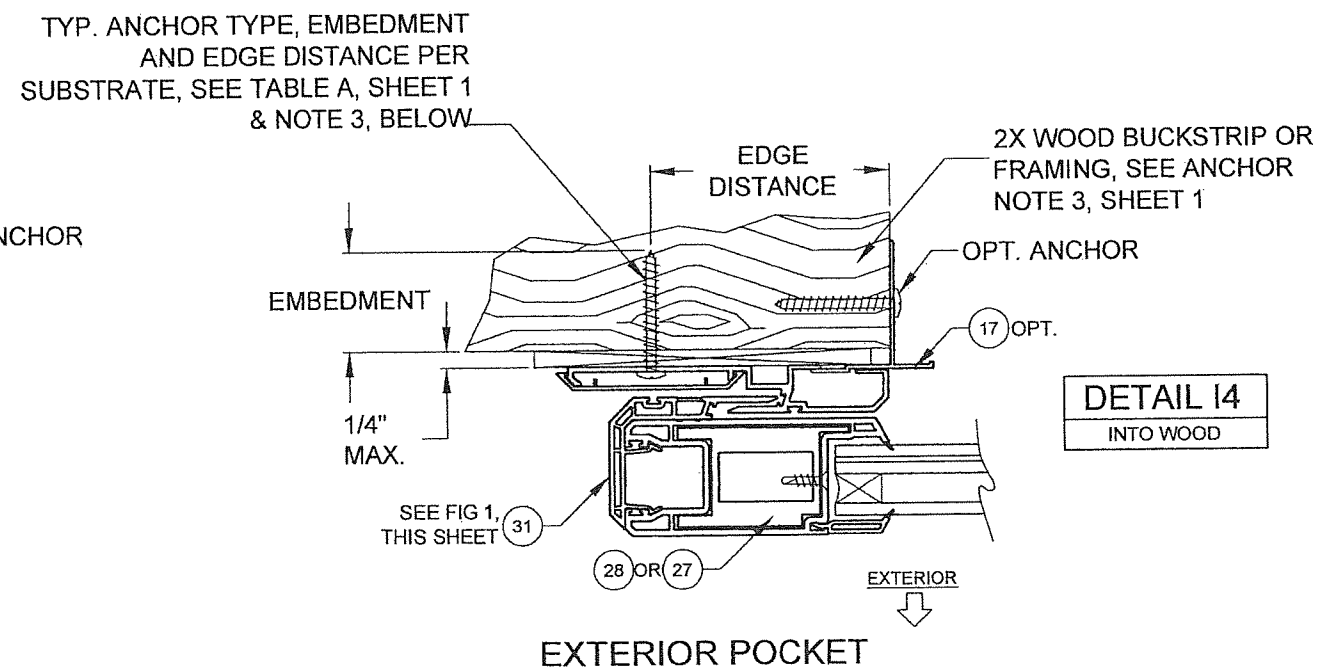
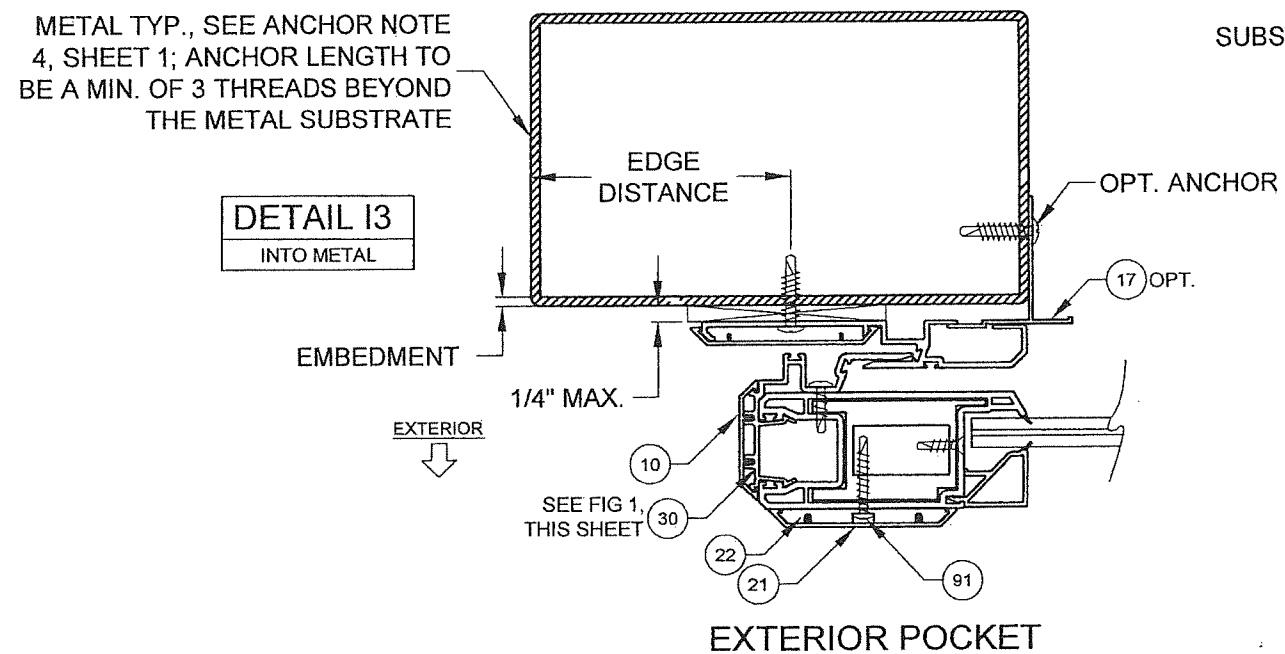
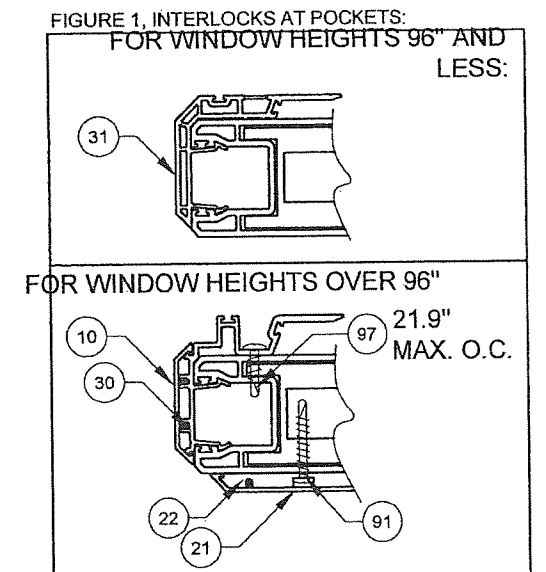
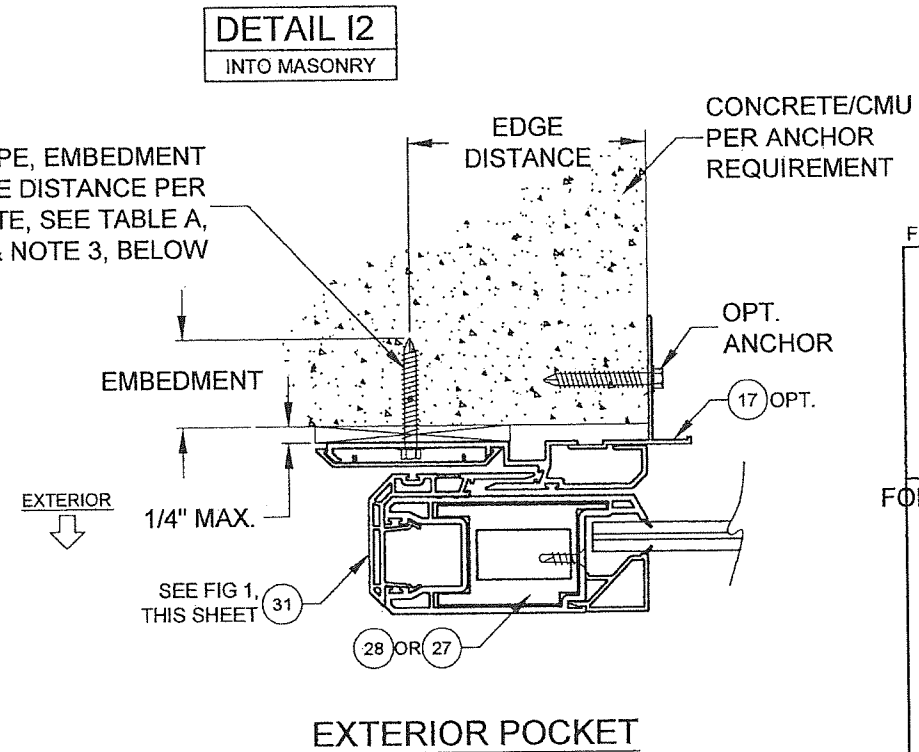
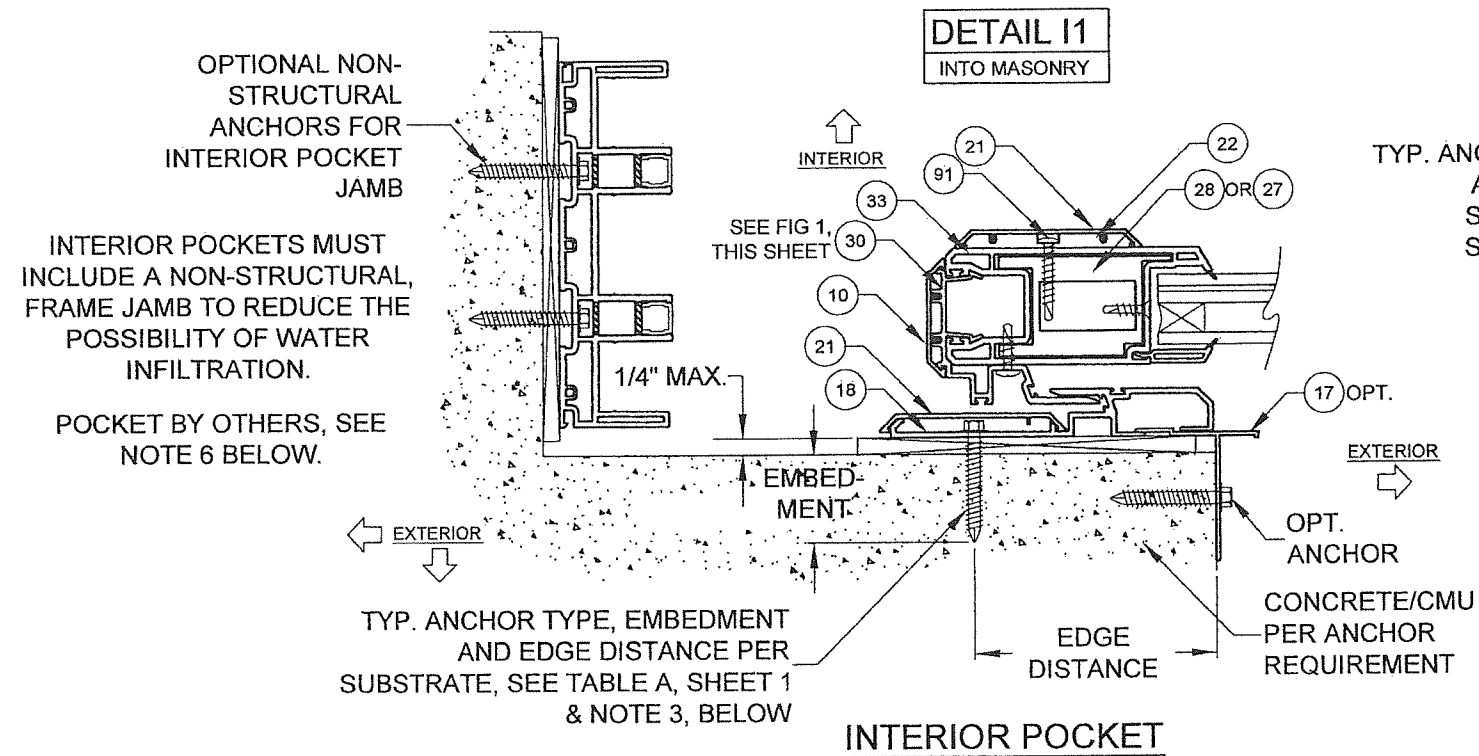


1070 TECHNOLOGY DR
N. VENICE, FL 34275
(941)-480-1600
REGISTRATION #29296

Series	SGD-5570	Scale	NTS	Sheet	5 OF 21	DWG No.	MD-5570W.0	Rev. No.	B
Rev	Rev	Rev	Rev	Rev	Rev	Rev	Rev	Rev	Rev
Desc	VINYL SLIDING GLASS WINDOW NOA (LM)					Date	04/14/16		
Rev	CORNER ASTRAGAL HORIZ. X-SECT.					Drawn By	J ROSOWSKI		
Rev	B) NO CHANGES THIS SHEET.					Rev Date	03/23/20		

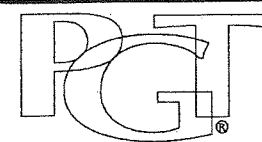
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0406.06
Expiration Date 8/14/21
A. Lynn Miller
Vice President Product Control





NOTES

- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) REFER TO ANCHOR NOTES, SHEET 1.
- 3) SEE SHEET 13 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
- 4) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS.
- 5) INTERIOR OR EXTERIOR POCKETS APPLICABLE FOR ALL INSTALLATION METHODS.
- 6) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.



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

Title		ALUMINUM SLIDING GLASS WINDOW NOA		Date	04/14/16
Desc.		(LM) P-HOOK EXAMPLES, HORIZ. X-SECT.		Drawn By	J ROSOWSKI
Rev		B) NO CHANGES THIS SHEET.		Rev Date	03/23/20
Rev				Rev Date	
Series	SGD-5570	Scale	NTS	Sheet	6 OF 21
Window	WINDOW			DWG No.	MD-5570W.0
				Rev.	A
				Rev.	B

PRODUCT REVIEW
as complying with the Florida
Building Code
Acceptance No 20-0406-06
Expiration Date 8/4/21
By: [Signature]
PGT Product Control

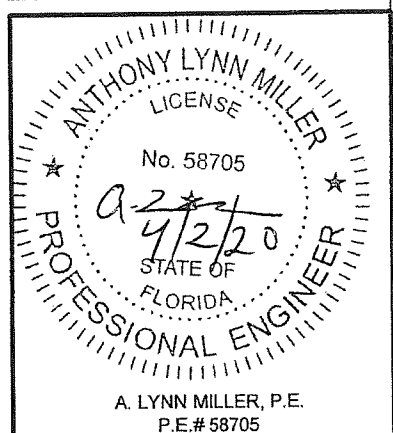


TABLE 1:

Design Pressure (DP) and Anchor Quantities Required (for all approved configurations on Sheet 2)																											
Use this table for: Glass Types 1, 1A, 3 or 3A Astragal Reinforcement #29 Lockstile Reinforcement #25 or #26 Std. Interlock Reinforcement #27				Window Height																							
				30"				36"				48"				60"				72"				84"			
				18-15/16" DLO Height				24-15/16" DLO Height				36-15/16" DLO Height				48-15/16" DLO Height				60-15/16" DLO Height				72-15/16" DLO Height			
				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group			
				A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
Nominal Panel Width	24"	16-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			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
			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
			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
	30"	22-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			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
			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
			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
	36"	28-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			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
			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
			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
	42"	34-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			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
			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
			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
	48"	40-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C5+2	C3+1	C3+1
			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
			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

ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE, USING THE ANCHOR QUANTITIES 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 B1, 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

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

USED IN EXAMPLE ON SHEET 9

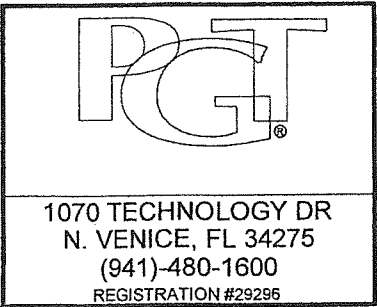
TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 1 AND TABLE B1 DETERMINES THE WATER LIMITED (+) DP.
- 2) 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.
- 6) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING

TABLE B1:

Water-Limited (+) Design Pressure		
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"



Series	SGD-5570 WINDOW	Scale	NTS	Sheet	7 OF 21	DWG No.	MD-5570W.0	Rev. No.	B
Title	VINYL SLIDING GLASS WINDOW NOA (LM)					Date	04/14/16		
Desc.	DP & ANCHOR QUANTITY TABLE					Drawn By	J ROSOWSKI		
Rev	B) CORRECTED DLO WIDTH AND TABLE REINF. TYPES.					Rev Date	03/23/20		
Rev						Rev Date			

PRODUCT REVIEW
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Expiration Date 8/14/21
A. Lynn Miller
PGT Product Control

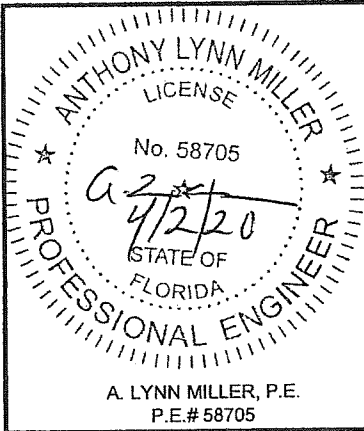


TABLE 2: Design Pressure (DP) and Anchor Quantities Required (for all approved configurations on Sheet 2)

Use this table for: Glass Types 2 or 4 Astragal Reinforcement #29 Lockstile Reinforcement #25 HD Interlock Reinforcement #28				Window Height																															
				30"				36"				48"				60"				72"				84"				96"							
				18-15/16" DLO Height				24-15/16" DLO Height				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							
				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group							
				A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D				
Nominal Panel Width	24"	16-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf							
			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					
			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				
	30"	22-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf							
			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				
			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				
	36"	28-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf							
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C3+2	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				
			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				
	42"	34-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf							
			Head/Sill	C3+2	C3+1	C3+2	C3+1	C3+2	C3+1	C3+2	C3+1	C3+2	C3+2	C3+2	C3+1	C3+2	C3+2	C3+2	C3+1	C5+2	C3+2	C5+2	C3+1	C5+2	C3+2	C5+2	C3+1	C5+2	C5+2	C5+2	C3+1				
			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				
			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				
	48"	40-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+92.0 / -92.0 psf*							
			Head/Sill	C3+2	C3+2	C3+2	C3+1	C3+2	C3+2	C3+2	C3+1	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C5+2	C3+2	C5+2	C3+2	C5+2	C3+2	C5+2	C3+2	C5+2	C5+2	C5+2	C5+2				
			Jamb	2	2	2	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				
			P-hook	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	9	9				
	54"	46-5/8" DLO Width	Design Pressure	+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf							
			Head/Sill	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C5+2	C3+2	C3+2	C3+2	C5+2	C3+2	C5+2	C3+2	C5+2	C5+2	C5+2	C3+2				
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	5	5	7	5	5	5	8	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				
	60"	52-5/8" DLO Width	Design Pressure	+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf							
			Head/Sill	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+2	C3+3	C3+2	C3+2	C3+2	C3+3	C3+2	C3+3	C3+2	C5+3	C3+2	C3+3	C3+2	C5+3	C3+2	C5+3	C3+2	C5+3	C5+2	C5+3	C3+2				
			Jamb	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	5	5	7	5	5	5	8	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				
* +/-100.0 PSF FOR ANCHOR GROUPS B, C & D																																			

* +/-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

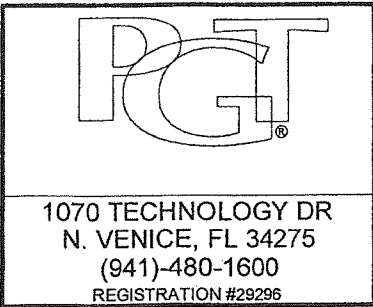
OH HEIGHT
WINDOW ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT IS EXEMPTED FROM WATER INFILTRATION RESISTANCE.

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

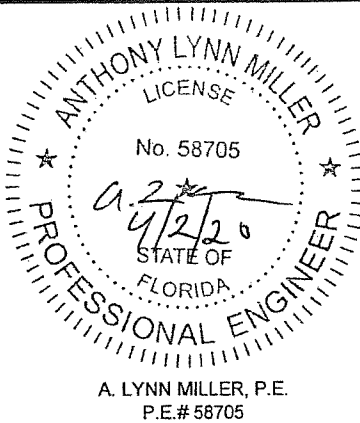
TABLE B2:

Water-Limited (+) Design Pressure		
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"	+80.0 psf
45	4-5/8"	+100.0 psf

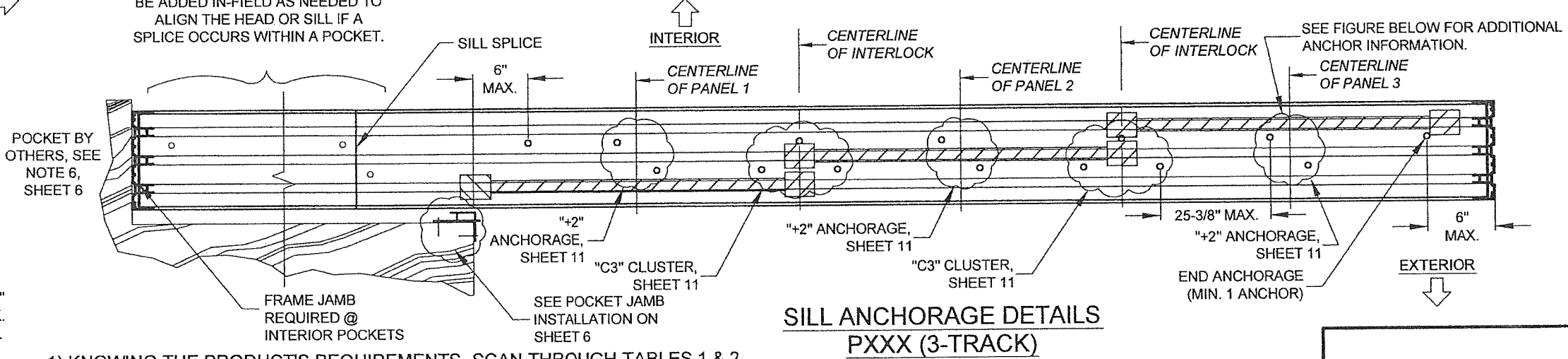
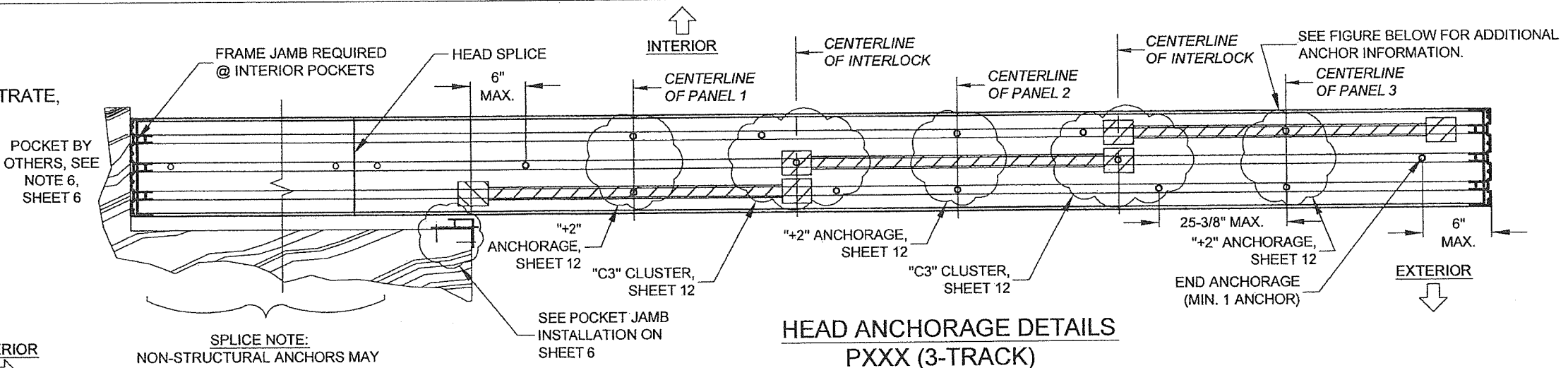
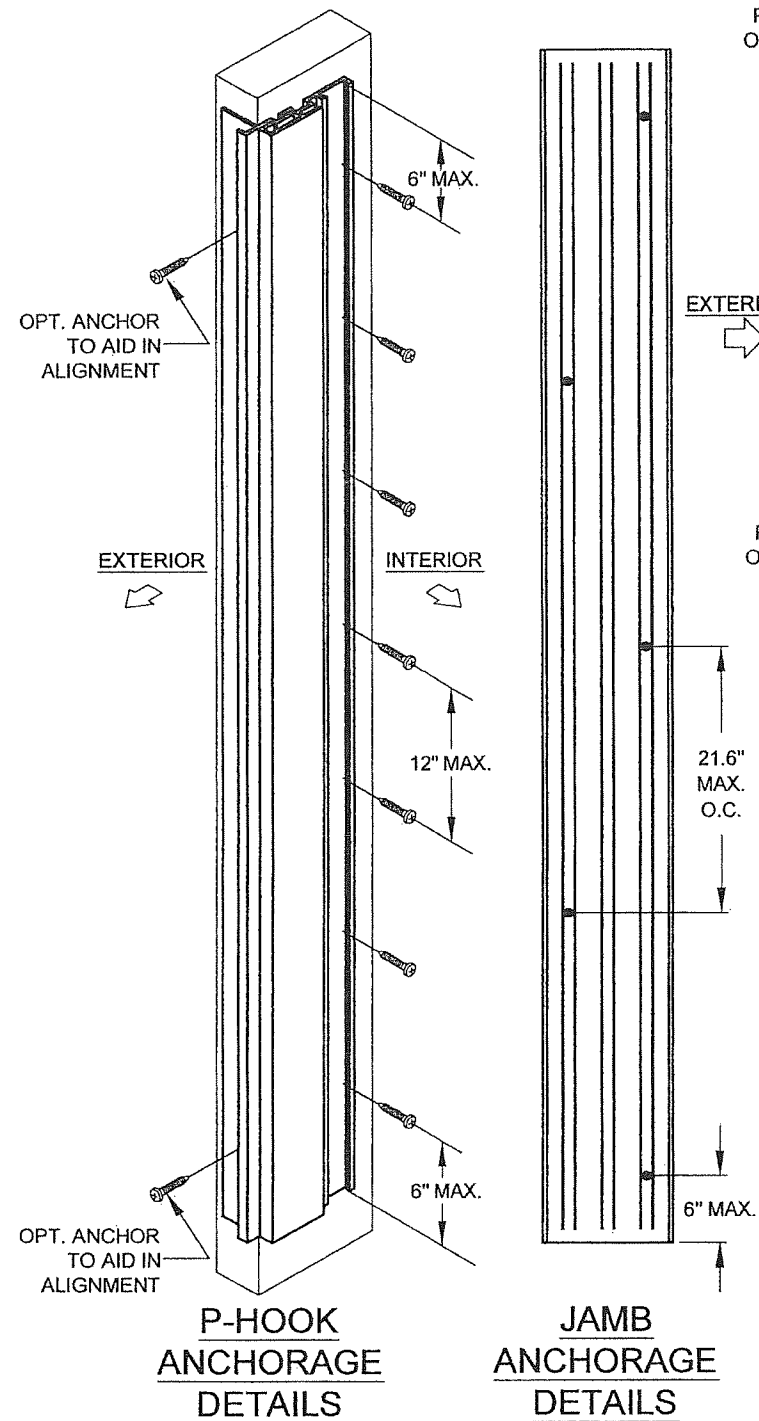


Title	VINYL SLIDING GLASS WINDOW NOA (LM)		Date	04/14/16	
Desc.	DP & ANCHOR QUANTITY TABLE		Drawn By	J ROSOWSKI	
Rev	B) CORRECTED DLO WIDTH.		Rev Date	03/23/20	
Series	SGD-5570 WINDOW	Scale	NTS	Sheet	8 OF 21
DWG No.	MD-5570W.0	Rev No.	B		

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Expiration Date 3/14/21
By: [Signature]
PGI Product Control



EXAMPLE:
3-PANEL, 3 TRACK, STRAIGHT CONFIGURATION - PXXX,
INTERIOR MOUNT POCKET, 48" X 84" NOM. PANELS,
LAMINATED, IG GLAZING, ANCHOR GROUP A IN WOOD SUBSTRATE,
PROJECT DESIGN PRESSURE REQUIRED: +48.2/-58.6 PSF



1) KNOWING THE PRODUCT'S REQUIREMENTS, SCAN THROUGH TABLES 1 & 2 FOR A DESIGN PRESSURE THAT MEETS OR EXCEEDS THE REQUIREMENT OF +48.2/-58.6 AT A NOM. PANEL SIZE OF 48" X 84". FROM TABLE 1, SHEET 7, THE DESIGN PRESSURE IS +60/-60 WHICH EXCEEDS THE PROJECT DESIGN PRESSURE REQUIREMENTS.

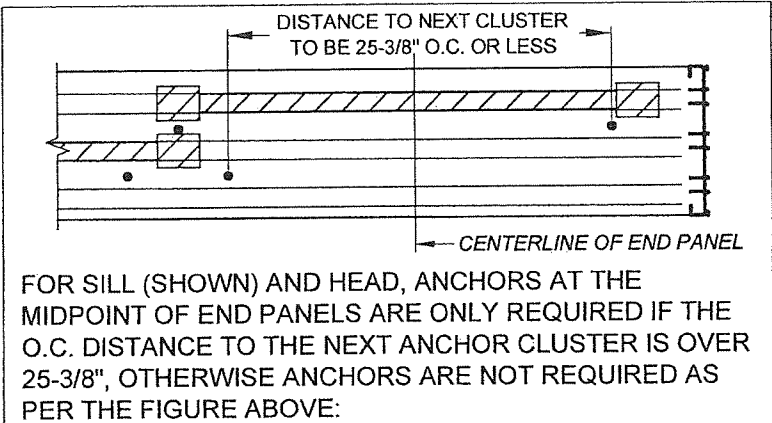
FOR WOOD INSTALLATION USING ANY ANCHOR IN GROUP A (SEE TABLE A), TABLE 1 SHOWS ANCHOR REQUIREMENTS OF:

Head/Sill	C3+2
Jamb	5
P-hook	7

2) ANCHOR LOCATION DETAILS, CAN BE FOUND ON:
HEAD (CLUSTER ANCHORS): SHEET 12 FOR THE "C3" CLUSTER ANCHORS AT THE INTERLOCK/ASTRAGAL.
HEAD (INTERMEDIATE ANCHORS): SHEET 12 FOR THE "+2 ANCHORS AT THE MIDSPAN OF EACH PANEL.
SILL (CLUSTER ANCHORS): SHEET 11 FOR THE "C3" CLUSTER ANCHORS AT THE INTERLOCK/ASTRAGAL.
SILL (INTERMEDIATE ANCHORS): SHEET 11 FOR THE "+2 ANCHORS AT THE MIDSPAN OF EACH PANEL.
JAMB: 5 ANCHORS, SHEET 13 FOR GEN. LAYOUT.
P-HOOK: 7 ANCHORS, SHEET 13 FOR GENERAL LAYOUT.

3) INSTALLATION DETAILS INTO WOOD CAN BE FOUND ON:
HEAD & SILL: SHEET 4
JAMB: SHEET 3
P-HOOK: SHEET 6

END PANEL ANCHOR EXCEPTION:



FOR PRODUCT REFERENCES, ALSO SEE:
A) SHEET 2 FOR ALLOWABLE CONFIGURATIONS AND EXACT LOCATIONS OF CROSS-SECTION DRAWINGS.
B) SHEET 10 FOR SPECIFIC GLAZING TYPES.
C) SHEET 17 FOR ALLOWABLE PANEL TYPES AND CALL NAMES.
D) SHEETS 4 & 18 FOR EXTRUSION CROSS-SECTION DRAWINGS.
E) SHEET 19 FOR INSTALLATION OF ADDITIONAL ACCESSORIES.
F) SHEET 21 FOR A BILL OF MATERIALS.

PGT

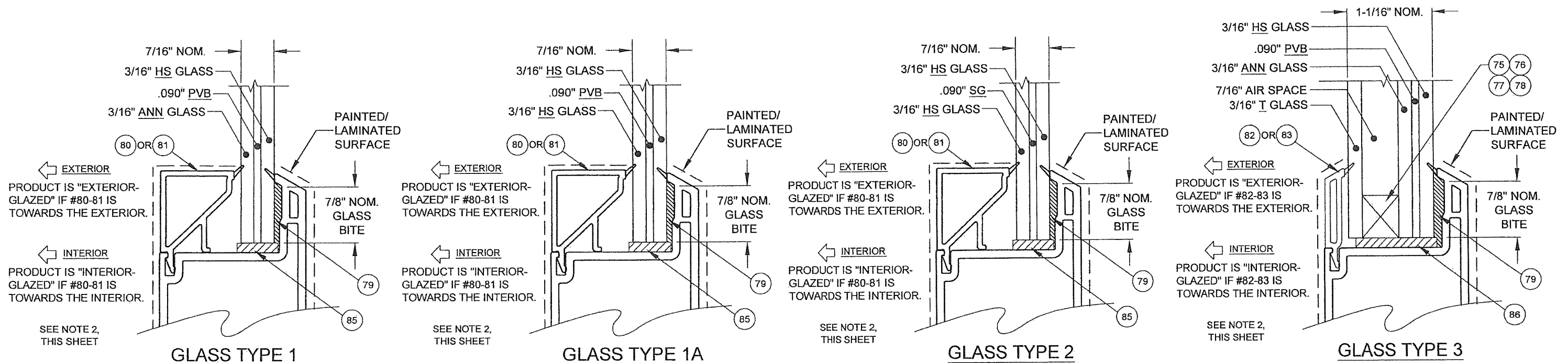
1070 TECHNOLOGY DR
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Title	VINYL SLIDING GLASS WINDOW NOA (LM)	Date	04/14/16
Desc.	STRAIGHT WINDOW EXAMPLE	Drawn By	J ROSOWSKI
Rev	B) NO CHANGES THIS SHEET.	Rev Date	03/23/20
Series	SGD-5570 WINDOW	Scale	NTS
Sheet	9 OF 21	DWG No.	MD-5570W.0
Rev.		No.	B

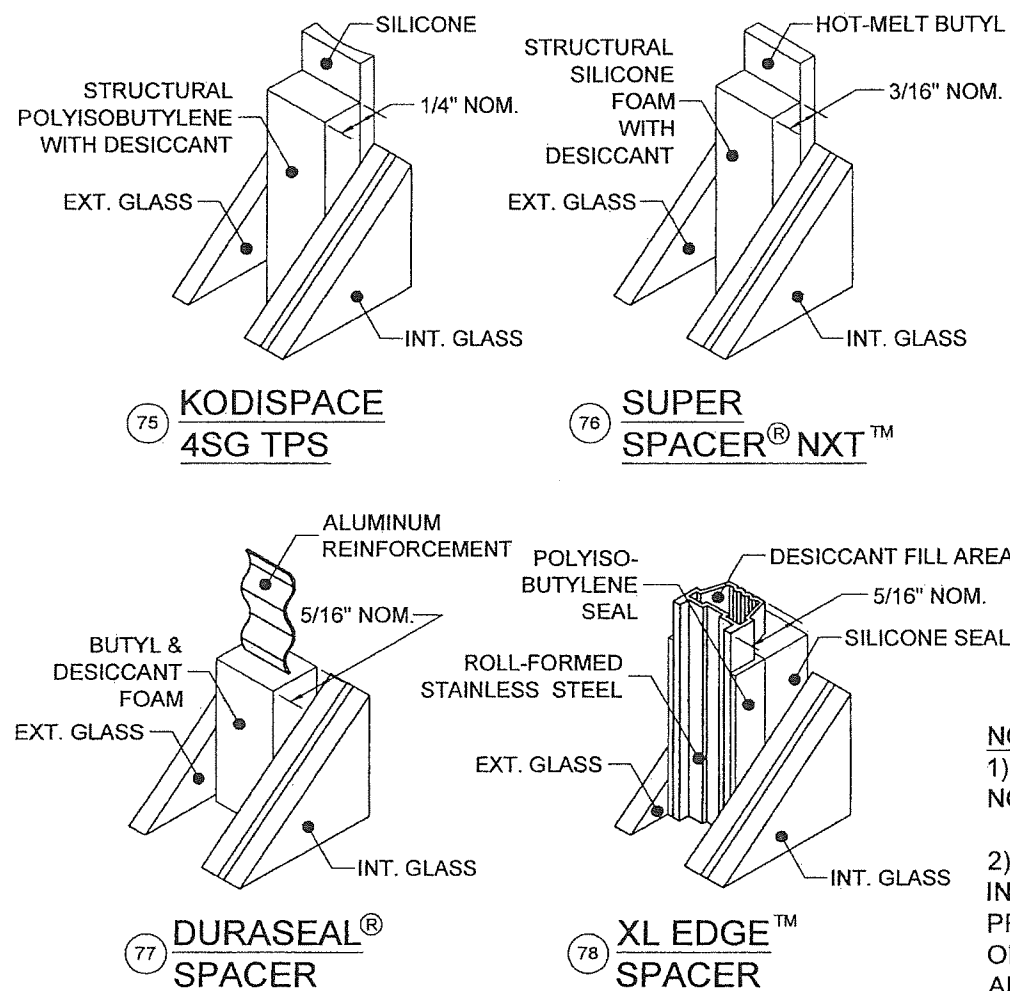
PRODUCT REVIEWED
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Expiration Date 8/1/21

ANTHONY LYNN MILLER
LICENSE
No. 58705
4/2/20
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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



"ANN" = ANNEALED
 "HS" = HEAT STRENGTHENED
 "T" = TEMPERED
 "PVB" = .090" TROSIFOL® PVB INTERLAYER BY KURARAY AMERICA, INC.
 "SG" = .090" SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC.



- NOTES:**
- 1) BACKBEDDING SURFACES SHALL NOT BE PAINTED OR LAMINATED.
 - 2) PRODUCT MAY BE EITHER INTERIOR OR EXTERIOR GLAZED, PROVIDED THAT THE "HS" SURFACE OF A LAMINATED GLAZING UNIT IS ADHERED TO THE GLAZING LEG.

PGT

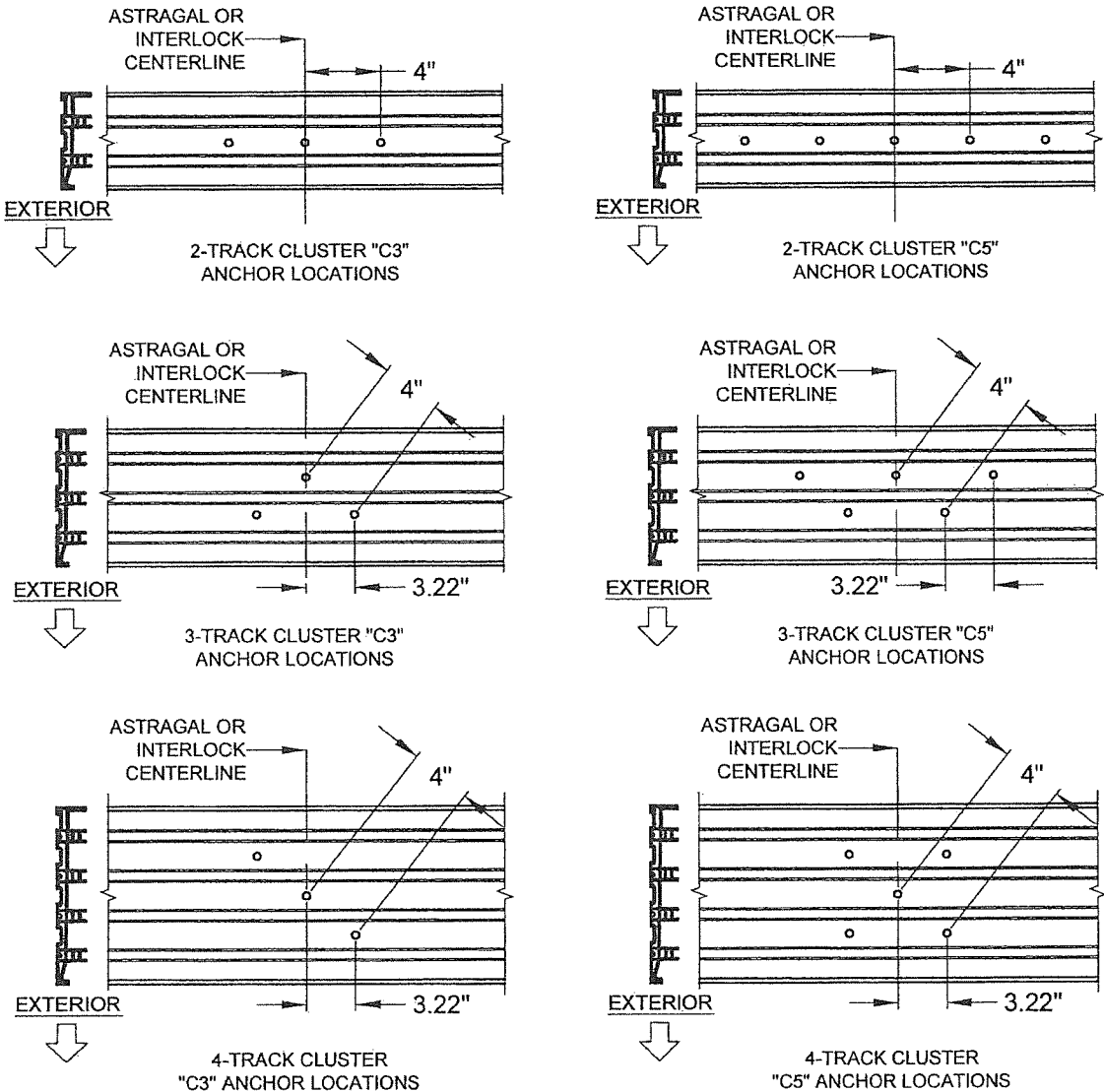
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 (941)-480-1600
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Rev	Title	Date
1	VINYL SLIDING GLASS WINDOW NOA (LM)	04/14/16
2	GLAZING DETAILS	Drawn By J ROSOWSKI
3	B) NO CHANGES THIS SHEET.	Rev Date 03/23/20
4		Rev Date
5	SGD-5570 WINDOW	Scale NTS
6	Sheet 10 OF 21	DWG No. MD-5570W.0
7		Rev No. B

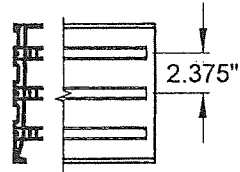
PRODUCT REVIEWED
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 Building Code
 Acceptance No. 20-0406-06
 Expiration Date 8/4/21
 A. Lynn Miller
 Mfr. or Distributor Control

ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 4-2-20
 7/2/20
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705

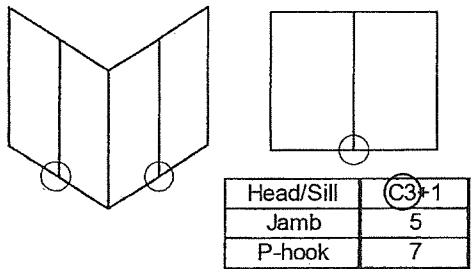
SILL CLUSTER ANCHORS LAYOUT:



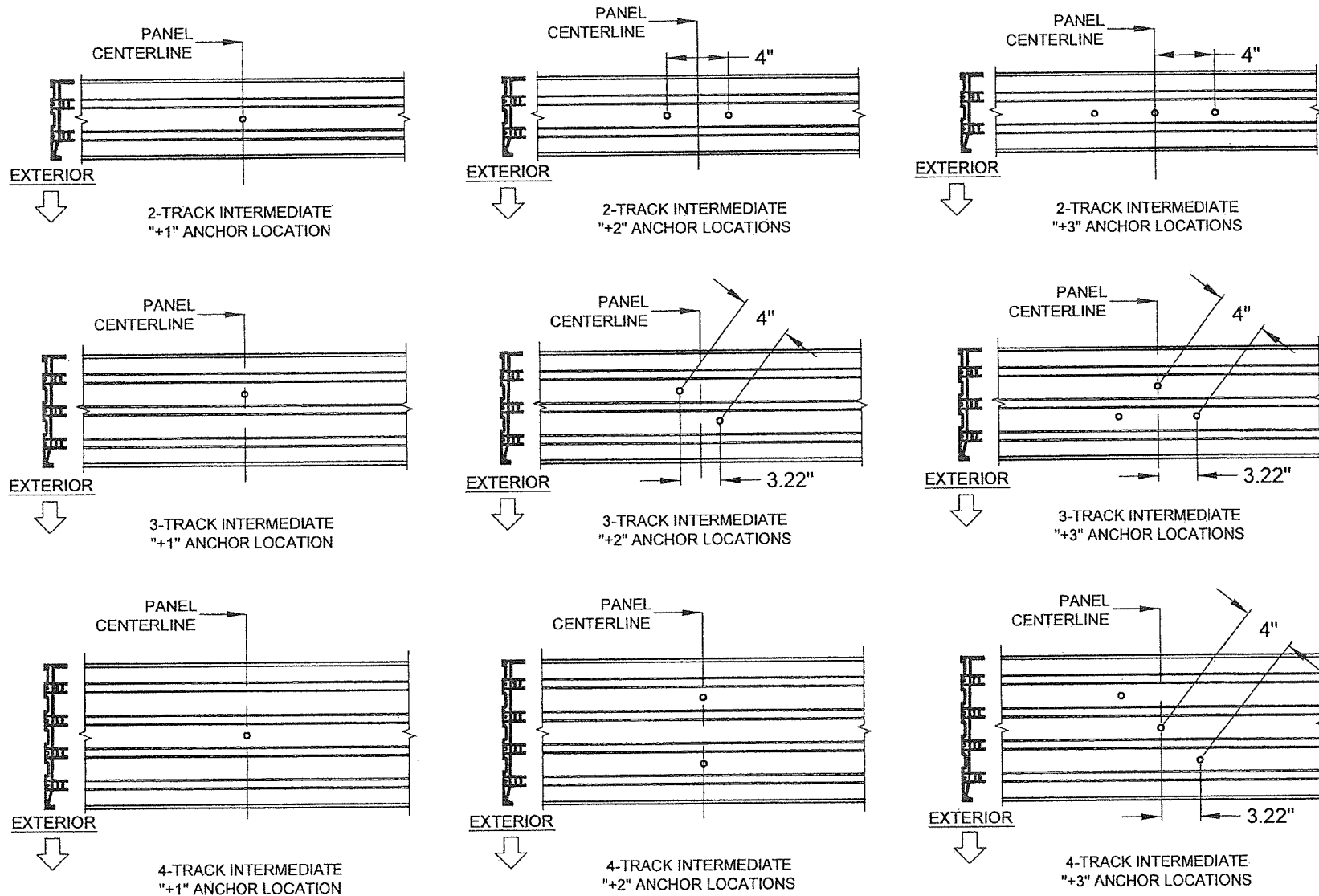
- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



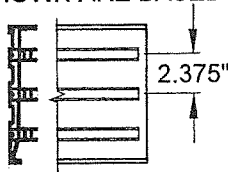
FIGURES PERTAIN TO THE FOLLOWING SILL CLUSTER ANCHOR LOCATIONS:



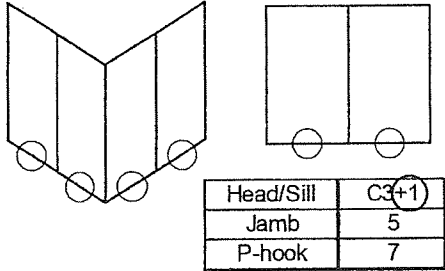
SILL "+" INTERMEDIATE ANCHORS LAYOUT:



- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



FIGURES PERTAIN TO THE FOLLOWING SILL INTERMEDIATE ANCHOR LOCATIONS:



PGT

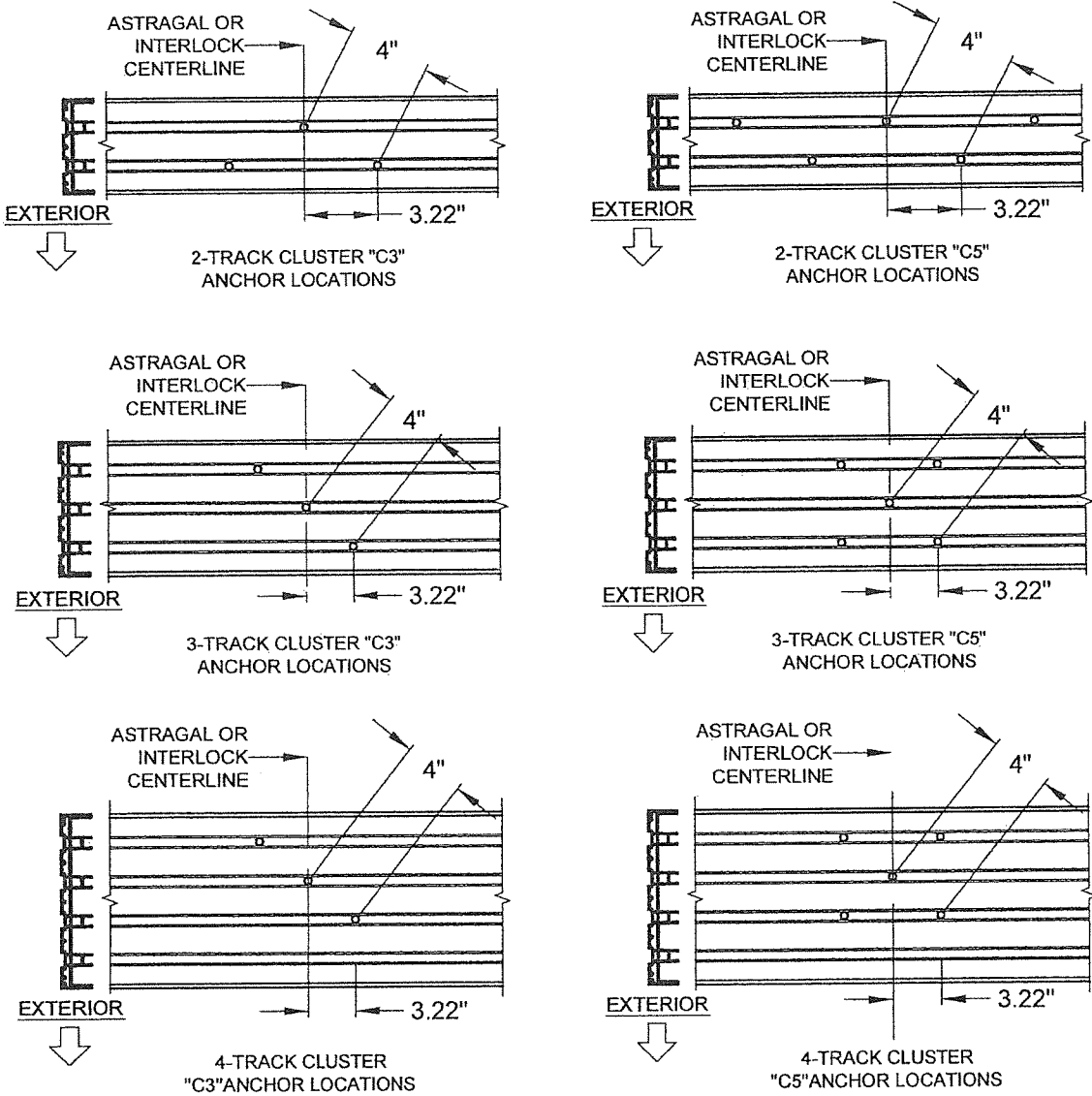
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N. VENICE, FL 34275
(941)-480-1600
REGISTRATION #29296

Title	VINYL SLIDING GLASS WINDOW NOA (LM)	Date	04/14/16
Desc.	ANCHOR LOCATIONS A	Drawn By	J ROSOWSKI
Rev	B) NO CHANGES THIS SHEET.	Rev Date	03/23/20
Series	SGD-5570 WINDOW	Scale	NTS
Sheet	11 OF 21	DWG No.	MD-5570W.0
Rev. No.	B		

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Acceptance No. 20-0406-06
Expiration Date 8/19/21
A. Lynn Miller, P.E.
Professional Engineer

ANTHONY LYNN MILLER
LICENSE
No. 58705
7/2/20
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

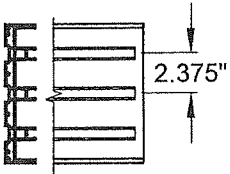
HEAD CLUSTER ANCHORS LAYOUT:



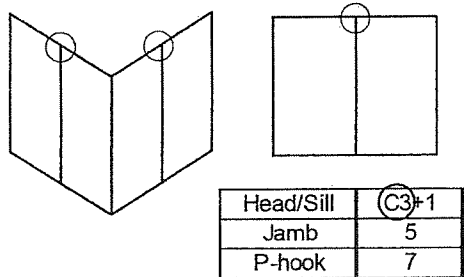
NOTES:

1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

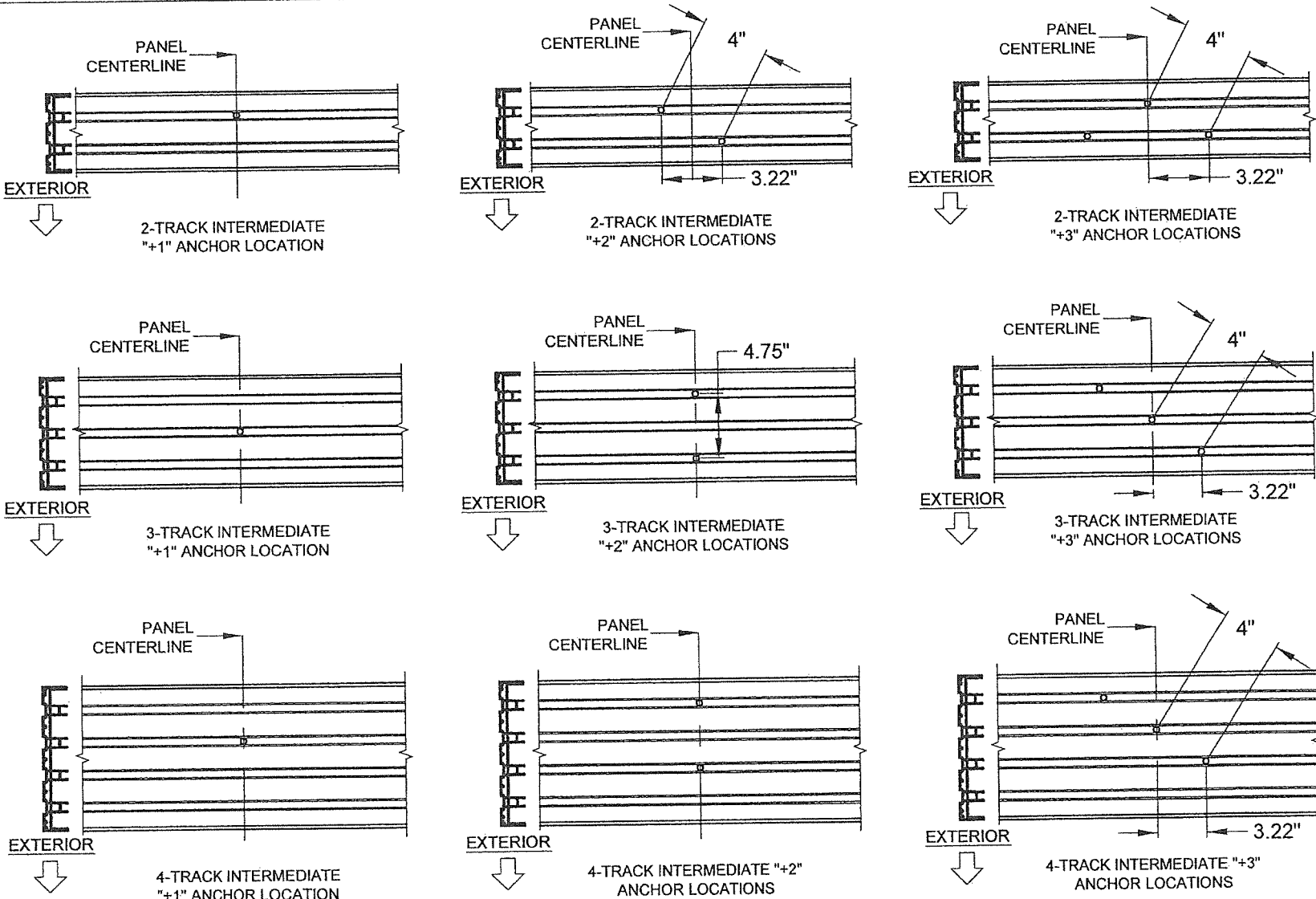
2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS:



FIGURES PERTAIN TO THE FOLLOWING HEAD CLUSTER ANCHOR LOCATIONS:



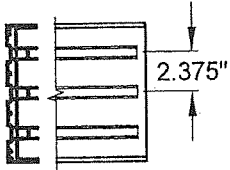
HEAD "+" INTERMEDIATE ANCHORS LAYOUT:



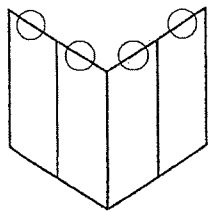
NOTES:

1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS:



FIGURES PERTAIN TO THE FOLLOWING HEAD INTERMEDIATE ANCHOR LOCATIONS:



Head/Sill	C3+1
Jamb	5
P-hook	7

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REGISTRATION #29296

Title	VINYL SLIDING GLASS WINDOW NOA (LM)	Date	04/14/16
Desc.	ANCHOR LOCATIONS B	Drawn By	J ROSOWSKI
Rev	B) NO CHANGES THIS SHEET.	Rev Date	03/23/20
Series	SGD-5570 WINDOW	Scale	NTS
Sheet	12 OF 21	DWG No.	MD-5570W.0
Rev. No.	B		

PRODUCT REVIEW

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Acceptance No 20-0406-06

Expiration Date 8/4/21

A. Lynn Miller

Final Product Control

ANTHONY LYNN MILLER

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No. 58705

6-27/20

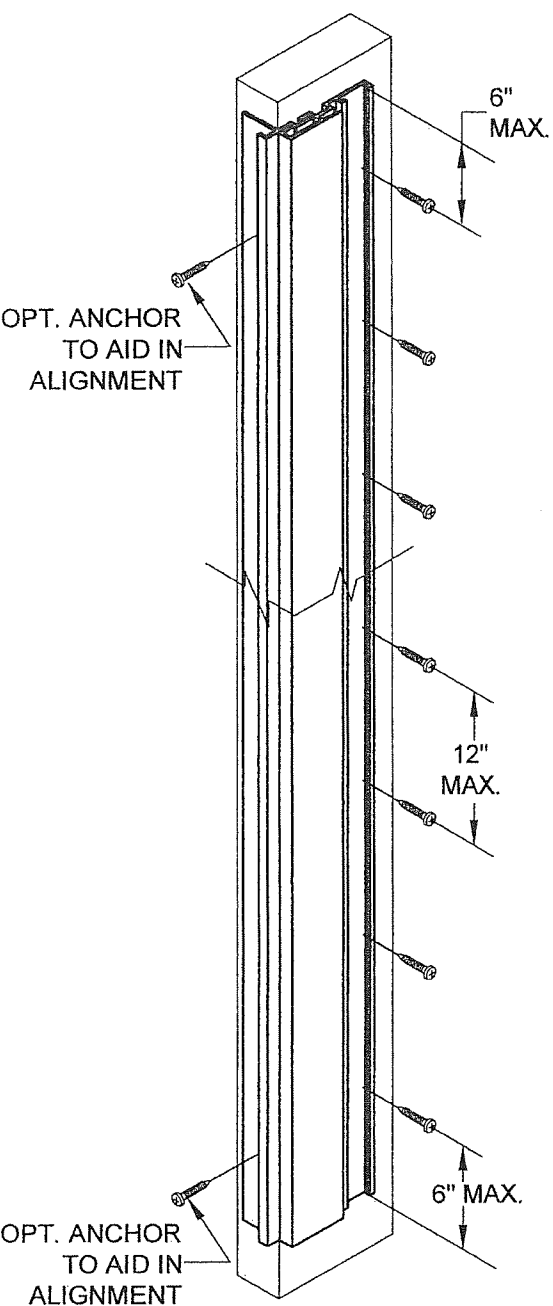
STATE OF FLORIDA

PROFESSIONAL ENGINEER

A. LYNN MILLER, P.E.

P.E.# 58705

P-HOOK ANCHORS LAYOUT:

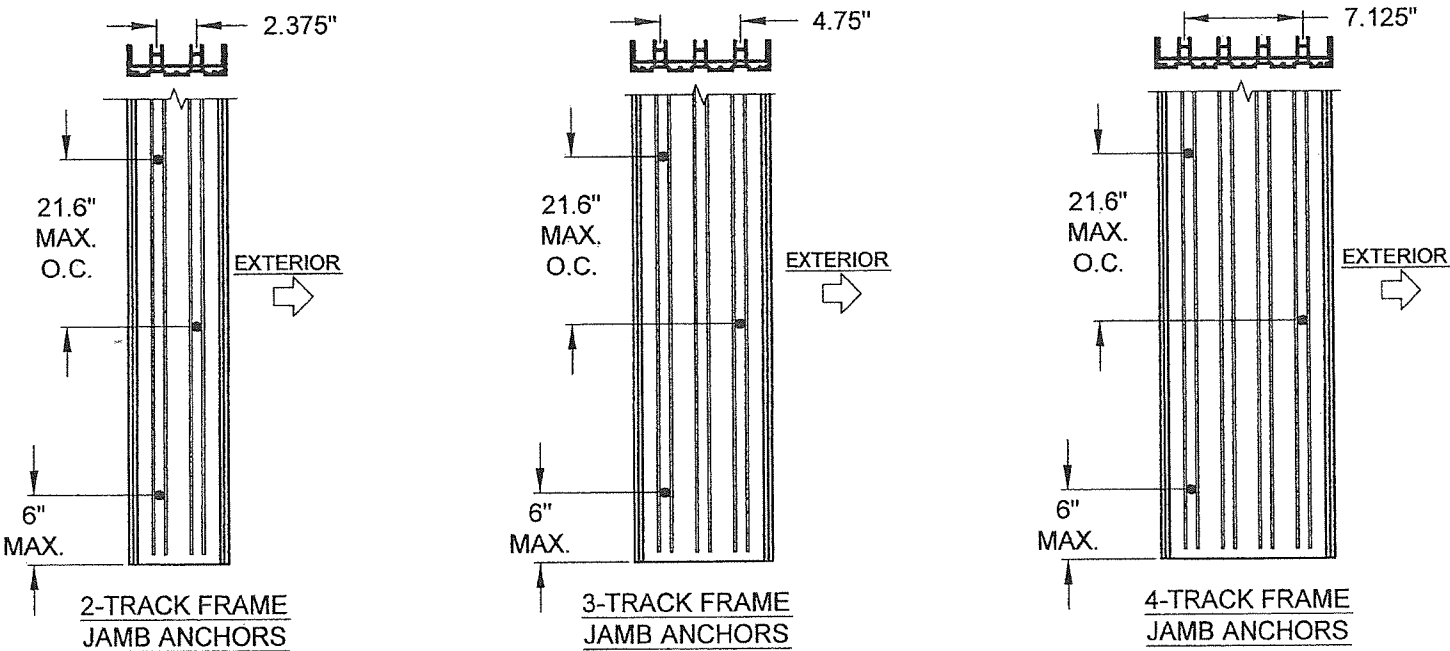


NOTES:
1) SEE TABLES 1 & 2 FOR EXACT QUANTITY OF ANCHORS REQUIRED IN THE P-HOOK.

FIGURES PERTAIN TO THE FOLLOWING POCKET JAMB (P-HOOK) ANCHOR LOCATIONS:

POCKET	POCKET
Head/Sill	C3+1
Jamb	5
P-hook	7

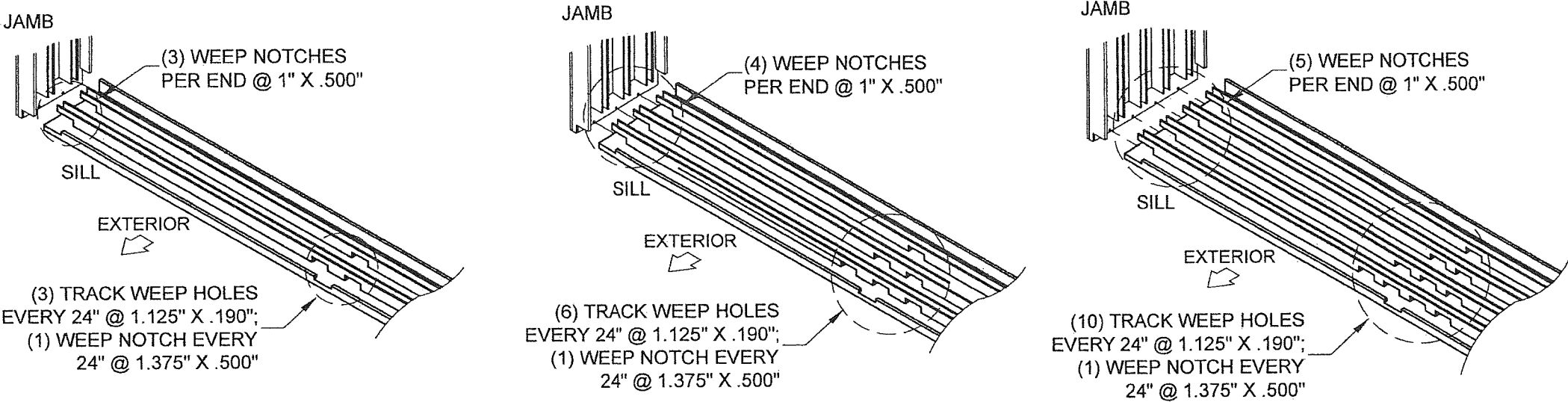
JAMB ANCHORS LAYOUT, (PARTIAL VIEW):



FIGURES PERTAIN TO THE FOLLOWING JAMB ANCHOR LOCATIONS:

Head/Sill	C3+1
Jamb	5
P-hook	7

NOTES:
1) STANDARD ANCHOR LOCATIONS SHOWN. FOR 3 AND 4-TRACK JAMBS, ANCHORS MAY BE LOCATED IN ANY ADJACENT TRACK (SIMILAR TO THE 2-TRACK JAMB) AS REQUIRED TO MEET MIN. EDGE DISTANCE CONSTRAINTS. IN CASE OF AN ODD NUMBER OF ANCHORS, THE MAJORITY MAY BE TOWARD THE INTERIOR OR EXTERIOR.



SILL WEEPHOLE LAYOUT (2, 3 & 4 TRACKS)

PGT

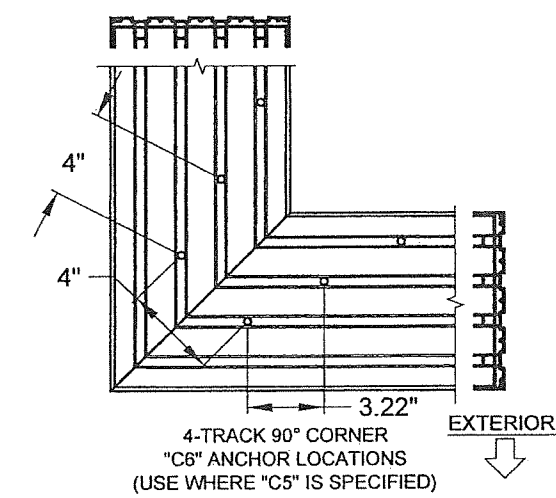
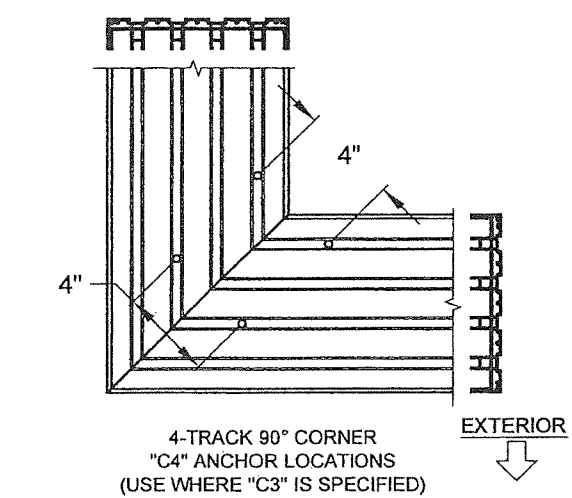
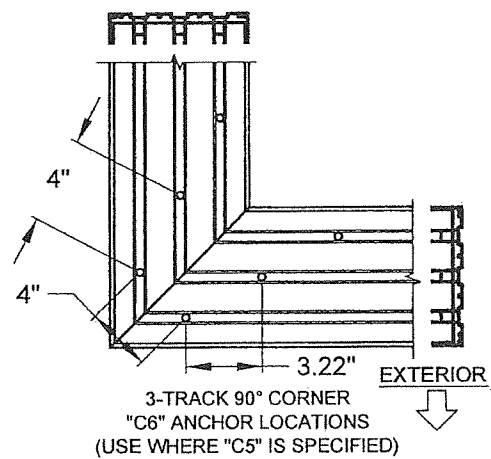
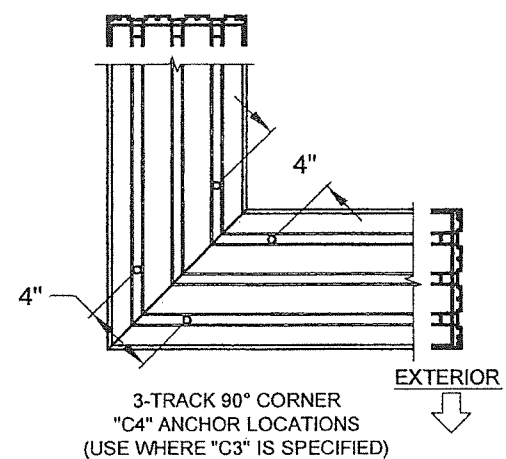
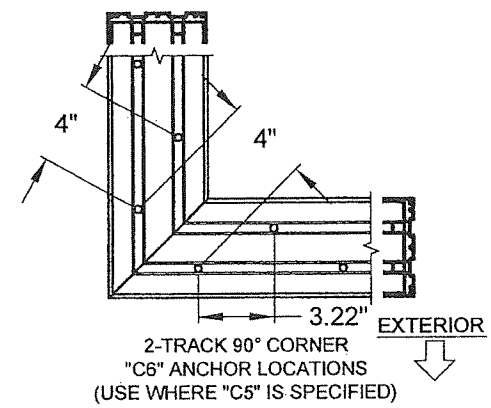
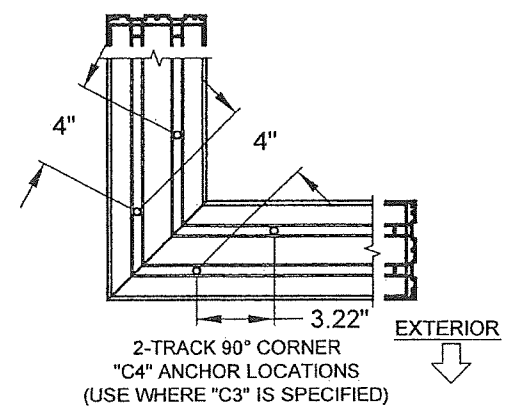
1070 TECHNOLOGY DR
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REGISTRATION #29296

Rev	Desc.	Title	Date
1	ANCHOR LOCATIONS C	VINYL SLIDING GLASS WINDOW NOA (LM)	04/14/16
2	B) NO CHANGES THIS SHEET.	Drawn By J ROSOWSKI	Rev Date 03/23/20
3	SGD-5570 WINDOW	Scale NTS	Sheet 13 OF 21
4	MD-5570W.0	DWG No.	Rev. No. B

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Building Code
Acceptance No. 20-0406-06
Expiration Date 8/4/21
A. Lynn Miller, P.E.
Professional Engineer

ANTHONY LYNN MILLER
LICENSE
No. 58705
4/26/20
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

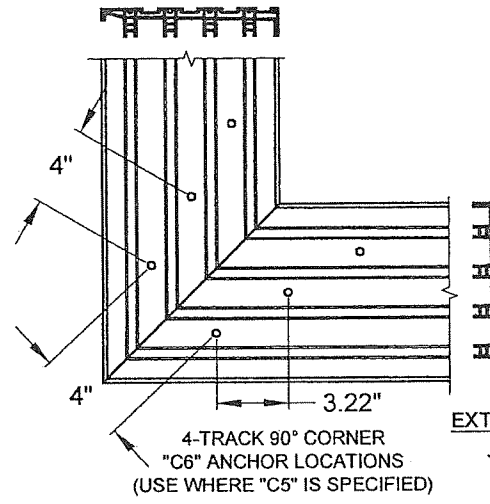
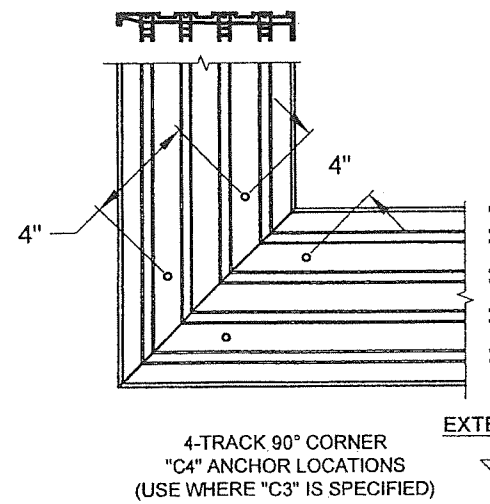
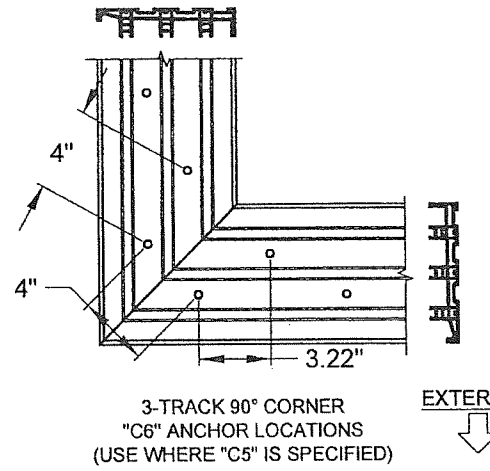
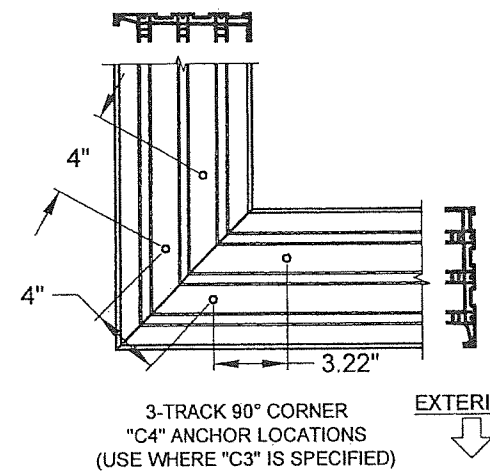
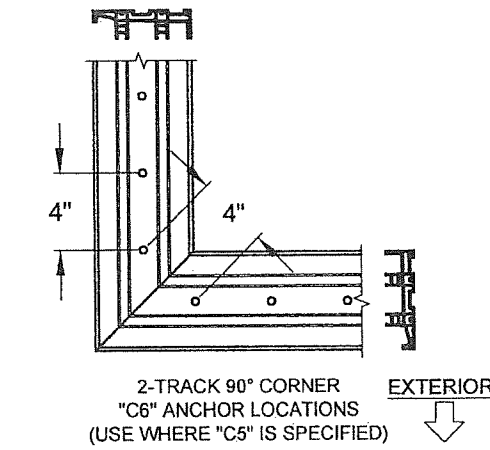
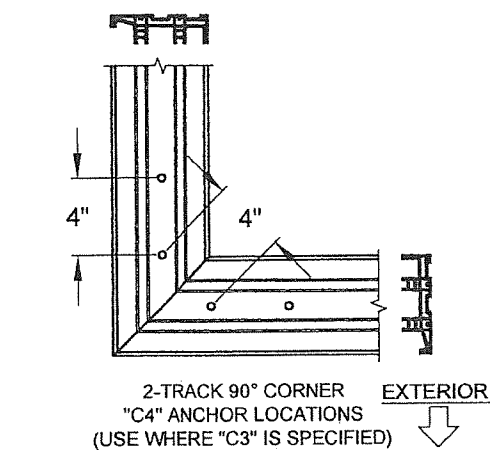
HEAD 90° CORNER CLUSTER ANCHORS LAYOUT:



FIGURES PERTAIN TO THE FOLLOWING 90° CORNER HEAD ANCHOR LOCATIONS:

Head/Sill	(C3)+1
Jamb	5
P-hook	7

SILL 90° CORNER CLUSTER ANCHORS LAYOUT:



FIGURES PERTAIN TO THE FOLLOWING 90° CORNER SILL ANCHOR LOCATIONS:

Head/Sill	(C3)+1
Jamb	5
P-hook	7

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Expiration Date 8/14/21
[Signature]
VLT and Glass Product Control

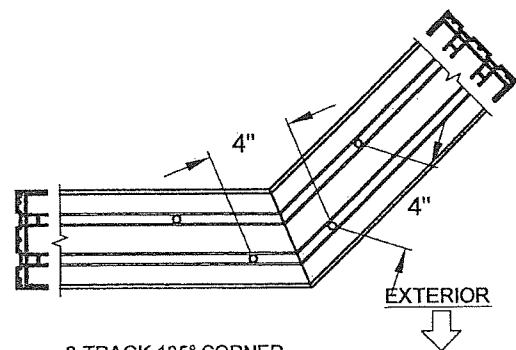
ANTHONY LYNN MILLER
LICENSE
No. 58705
9/2/20
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
 - 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
 - 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:
-

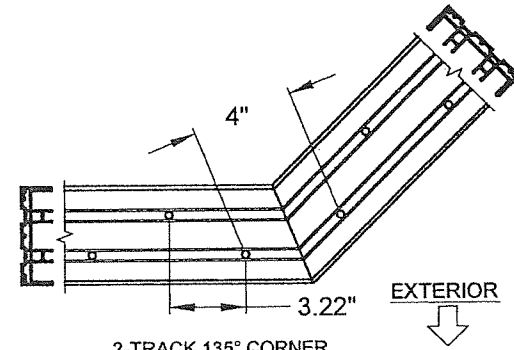
1070 TECHNOLOGY DR
N. VENICE, FL 34275
(941)-480-1600
REGISTRATION #29296

Title	VINYL SLIDING GLASS WINDOW NOA (LM)	Date	04/14/16
Desc.	ANCHOR LOCATIONS D	Drawn By	J ROSOWSKI
Rev	B) NO CHANGES THIS SHEET.	Rev Date	03/23/20
Series	SGD-5570 WINDOW	Scale	NTS
Sheet	14 OF 21	DWG No.	MD-5570W.0
Rev.		Rev. No.	B

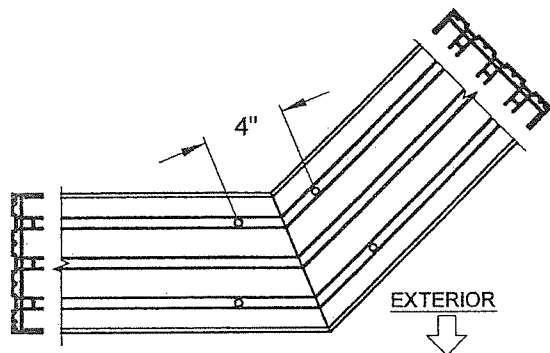
HEAD 135° CORNER CLUSTER ANCHORS LAYOUT:



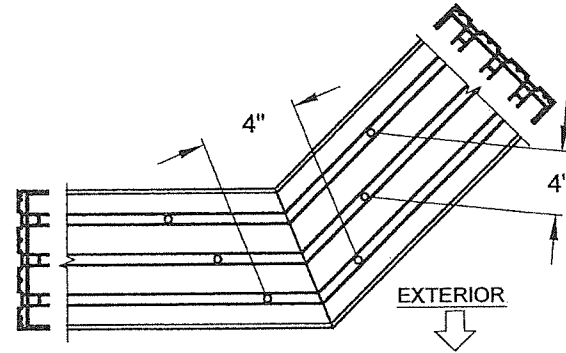
2-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



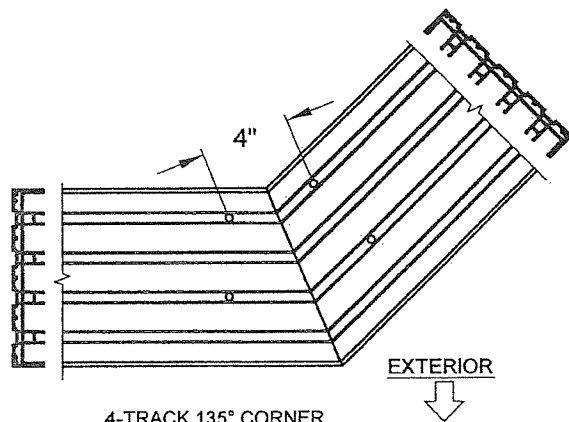
2-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)



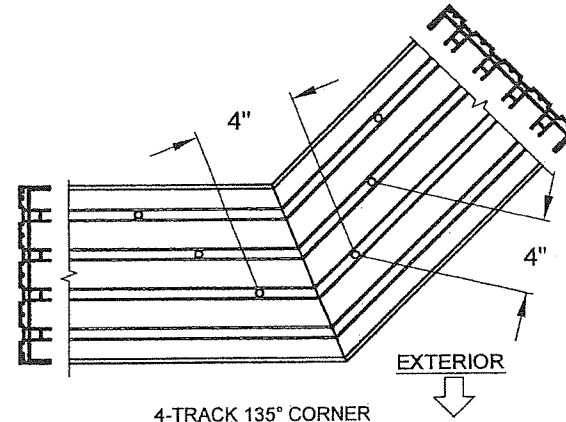
3-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



3-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)



4-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



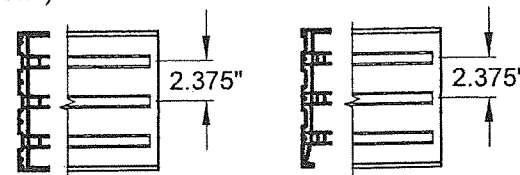
4-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

NOTES:

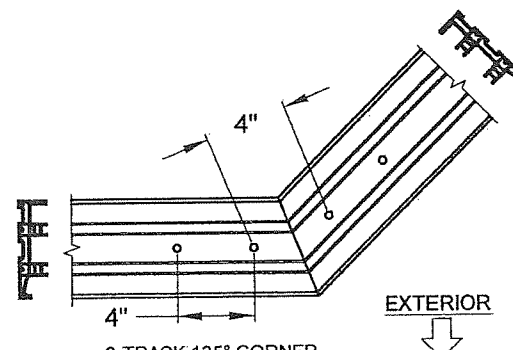
1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.

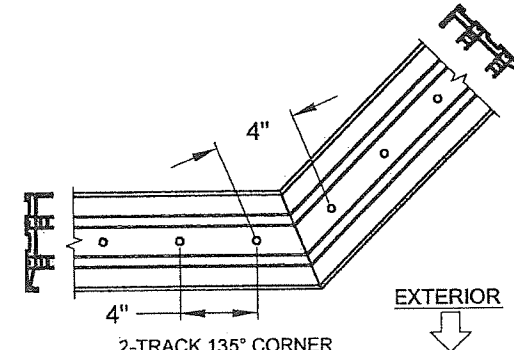
3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:



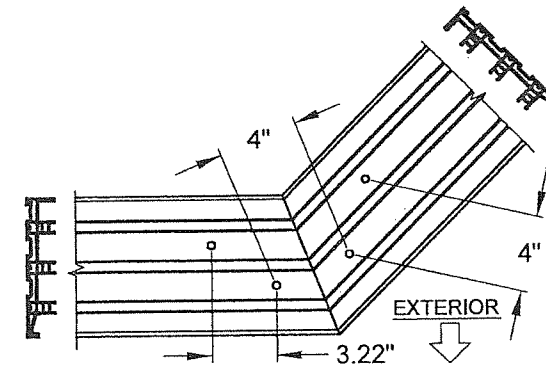
SILL 135° CORNER CLUSTER ANCHORS LAYOUT:



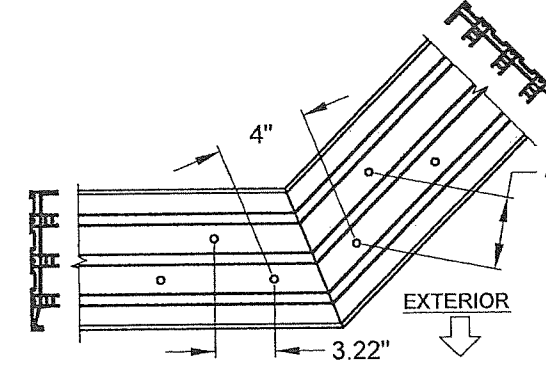
2-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



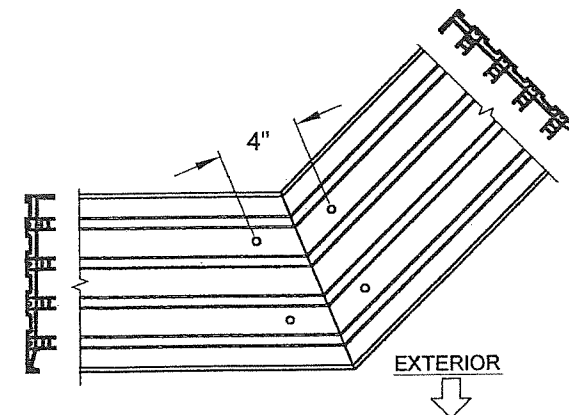
2-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)



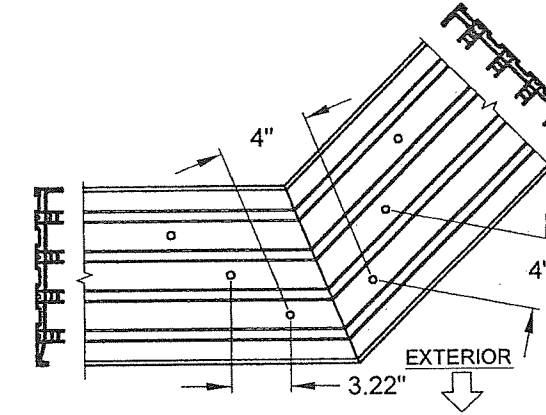
3-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



3-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

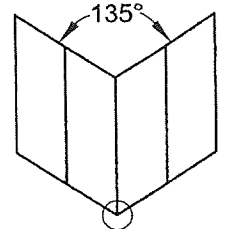


4-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



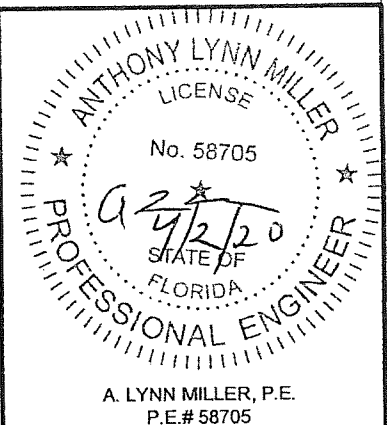
4-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

FIGURES PERTAIN TO THE FOLLOWING 135° CORNER SILL ANCHOR LOCATIONS:

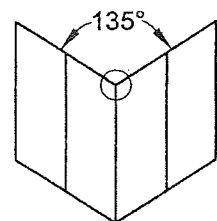


Head/Sill	(C3)+1
Jamb	5
P-hook	7

PRODUCT REVIEW
as complying with the Florida
Building Code
Acceptance No. 20-006-06
Expiration Date 8/14/21
A. Lynn Miller
Sill/Head Product Control



FIGURES PERTAIN TO THE FOLLOWING 135° CORNER HEAD ANCHOR LOCATIONS:



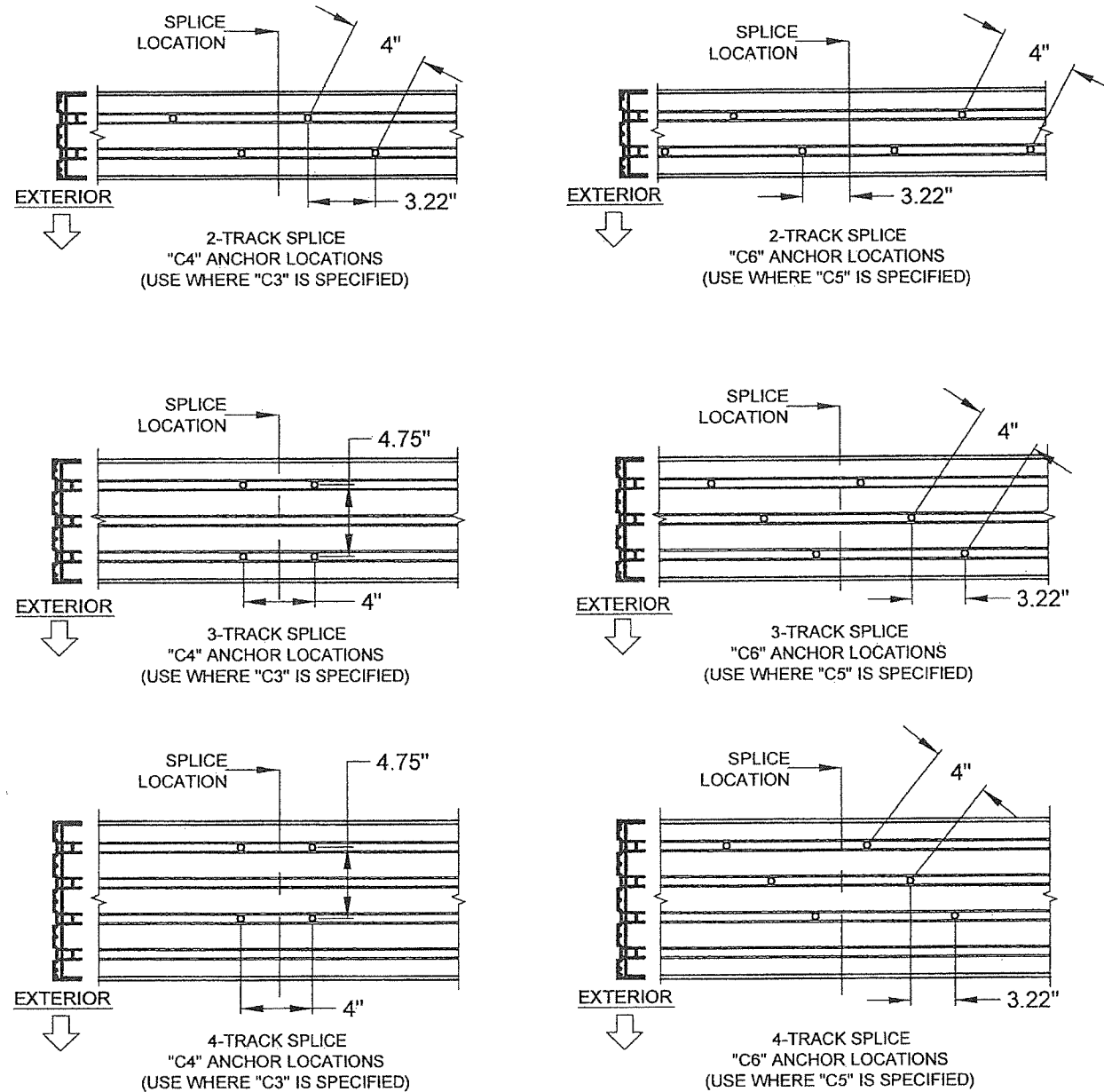
Head/Sill	(C3)+1
Jamb	5
P-hook	7



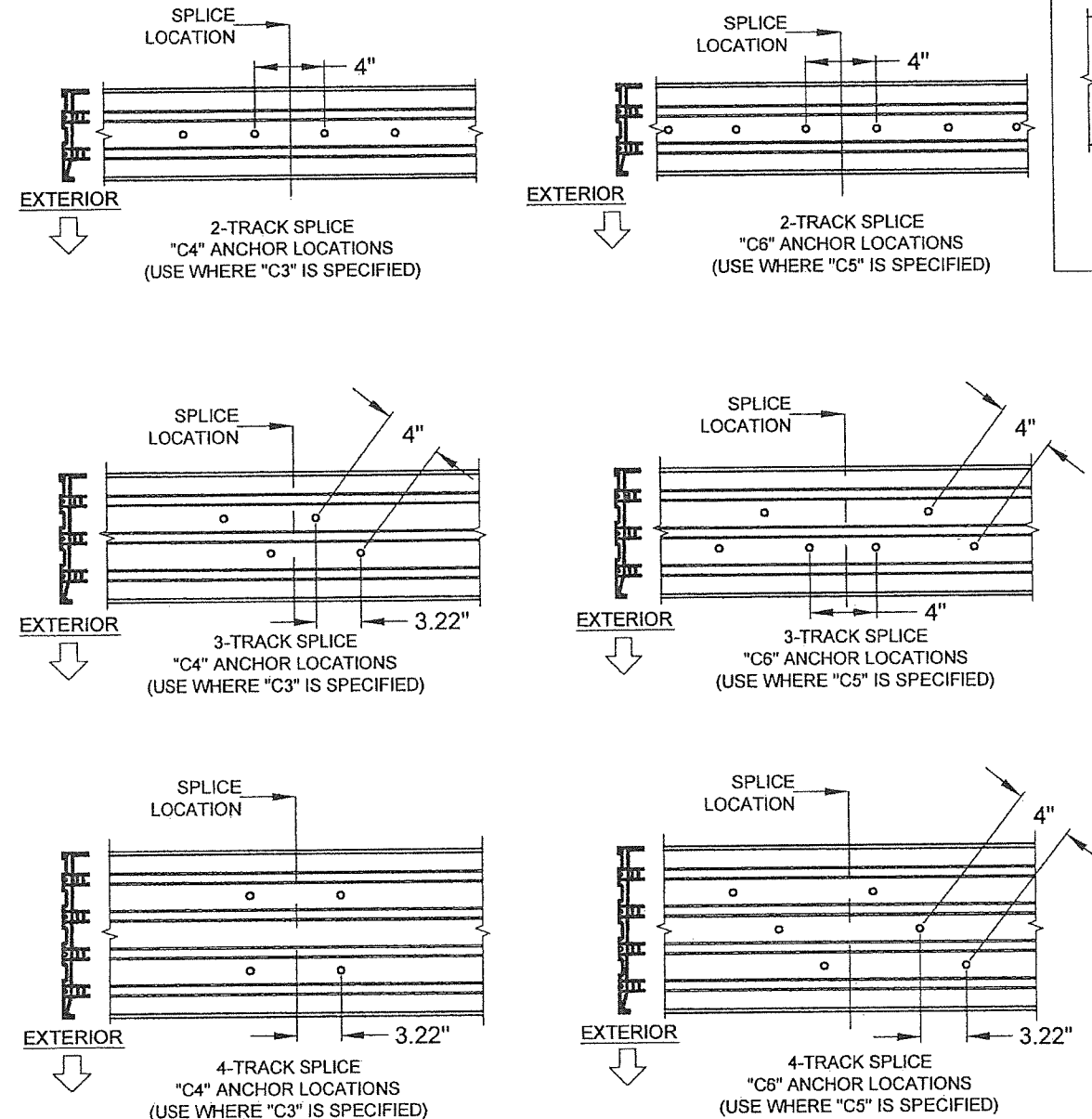
1070 TECHNOLOGY DR
N. VENICE, FL 34275
(941)-480-1600
REGISTRATION #29296

Rev	Title	Date
1	VINYL SLIDING GLASS WINDOW NOA (LM)	04/14/16
2	ANCHOR LOCATIONS E	03/23/20
3	B) NO CHANGES THIS SHEET.	
4		
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HEAD SPLICE ANCHORS LAYOUT @ INTERLOCK OR ASTRAGAL:



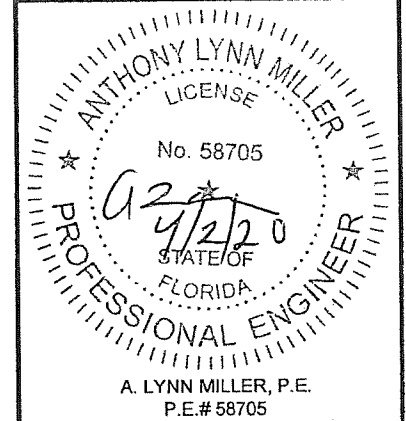
SILL SPLICE ANCHORS LAYOUT @ INTERLOCK OR ASTRAGAL:



FIGURES PERTAIN TO THE FOLLOWING
SPICED SILL ANCHOR LOCATIONS:

Head/Sill	(C3)+1
Jamb	5
P-hook	7

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 20-0406-06
Expiration Date: 8/14/21
By: [Signature]
Michael Miller Product Control

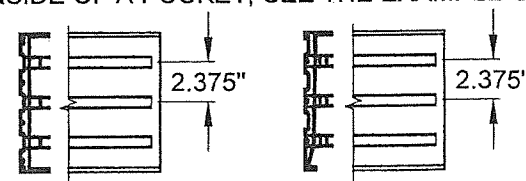


NOTES:

1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

2) ABOVE FIGURES ARE FOR SPLICES OCCURRING AT THE ASTRAGAL OR INTERLOCK.
FOR SPLICES OCCURRING INSIDE OF A POCKET, SEE THE EXAMPLE ON SHEET 9.

3) TRACK-TO-TRACK
DISTANCE IS 2.375"
FOR ALL HEADS AND SILLS:



4) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED
BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

FIGURES PERTAIN TO THE FOLLOWING
SPICED HEAD ANCHOR LOCATIONS:

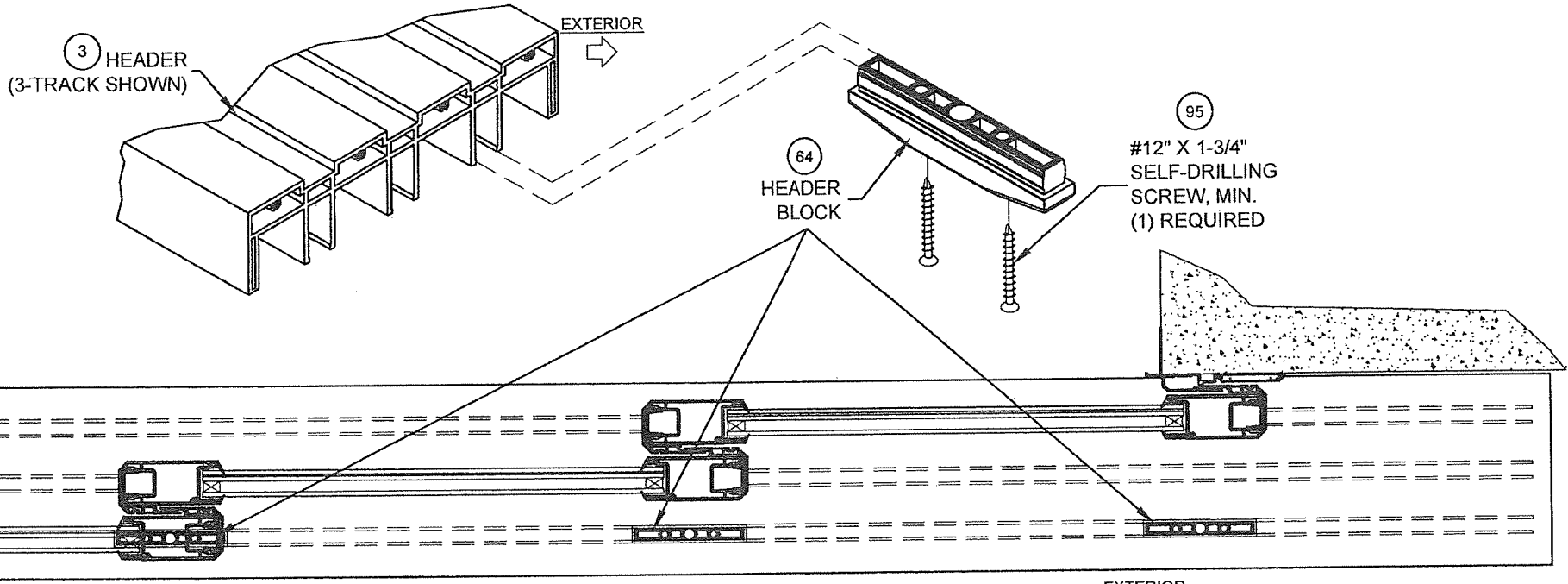
Head/Sill	(C3)+1
Jamb	5
P-hook	7

PCT
1070 TECHNOLOGY DR
N. VENICE, FL 34275
SGD-5570-1-480-1600
WINDOOR REGISTRATION #29296

Series	Rev	Desc	Title	Date
SGD-5570	1	ANCHOR LOCATIONS F	VINYL SLIDING GLASS WINDOW NOA (LM)	04/14/16
Rev	Rev	Rev	Rev	Rev
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
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97	97	97	97	97
98	98	98	98	98
99	99	99	99	99
100	100	100	100	100

HEADER BLOCK TO HEADER ATTACHMENT
TO PREVENT ANY EXTERIOR-OPERABLE
PANEL FROM DISLODGING TO THE
EXTERIOR, INSTALL ONE HEADER BLOCK
AT EACH INTERLOCK, ASTRAGAL AND
P-HOOK INTO THE EXTERIOR TRACK OF THE
HEADER. TRIM THE SCREW COVER AS
NEEDED. SEE SHEET 19 FOR INSTALLATION
DETAILS OF ADDITIONAL HEADER BLOCKS.

EXAMPLE: HEADER BLOCK PLACEMENT IN
3-PANEL CONFIGURATION, OTHERS SIMILAR.



- 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.

PANEL TYPES INTERIOR OR EXTERIOR GLAZED		PANEL'S RIGHT STILE TYPE									
		SINGLE INTERLOCK OUT	SINGLE INTERLOCK IN	FIXED STILE	LOCKSTILE W/ HANDLE	ASTRAGAL BOX OUT	ASTRAGAL BOX IN	OUTSIDE 90° ASTRAGAL RECEIVER	INSIDE 90° ASTRAGAL RECEIVER	OUTSIDE 135° ASTRAGAL RECEIVER	INSIDE 135° ASTRAGAL RECEIVER
PANEL'S LEFT STILE TYPE	SINGLE INTERLOCK OUT		F	PP	K	L (BOX OUT)	L (BOX IN)	TC	TA	TV	TW
	SINGLE INTERLOCK IN	B	E	P	A	C (BOX OUT)	C (BOX IN)	SC	SA	SV	SW
	FIXED STILE	RR	R			S (BOX OUT)	S (BOX IN)	FC	FD	FV	FW
	LOCKSTILE W/ HANDLE	D	M			J (BOX OUT)	J (BOX IN)				
	ASTRAGAL BOX OUT	LR (BOX OUT)		T (BOX OUT)	U (BOX OUT)						
	ASTRAGAL BOX IN		N (BOX IN)	T (BOX IN)	U (BOX IN)						
	OUT. 90° ASTRAGAL RECEIVER	CT	CS	CF							
	IN. 90° ASTRAGAL RECEIVER	AT	AS	DF							
	OUT. 135° ASTRAGAL RECEIVER	VT	VS	VF							
	IN. 135° ASTRAGAL RECEIVER	WT	WS	WF							

LEFT PANEL STILE PANEL TYPE "F" SHOWN. RIGHT PANEL STILE

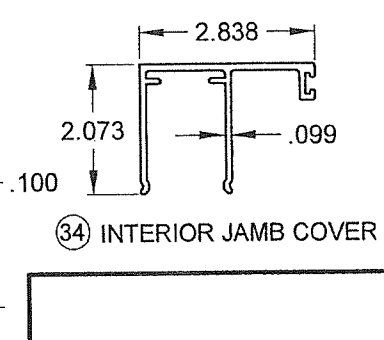
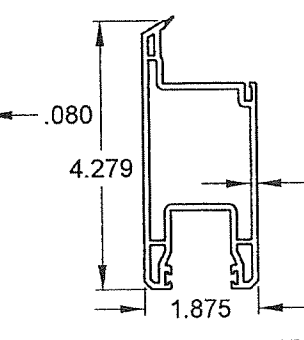
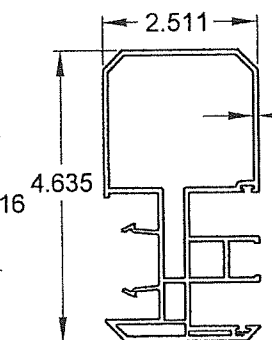
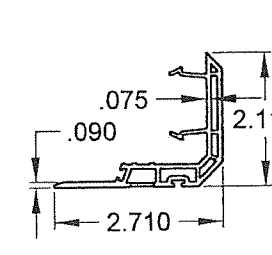
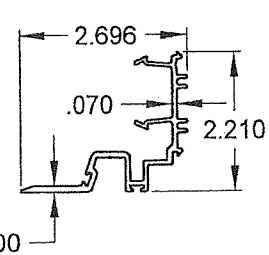
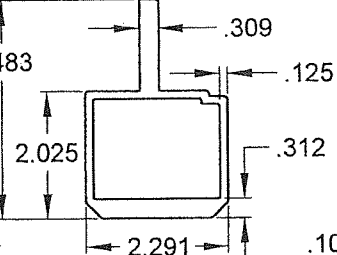
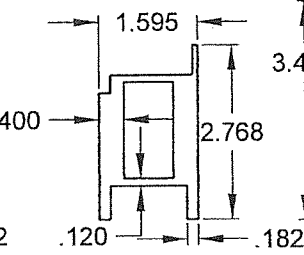
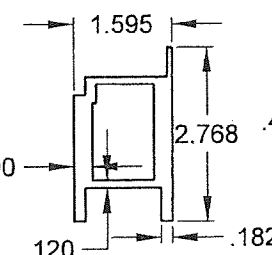
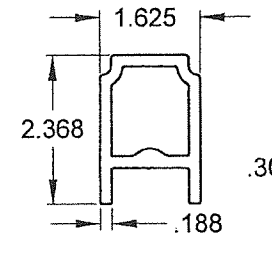
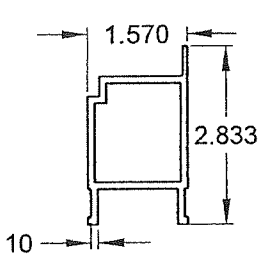
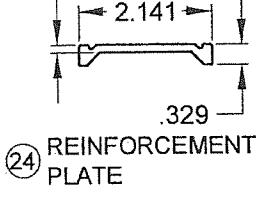
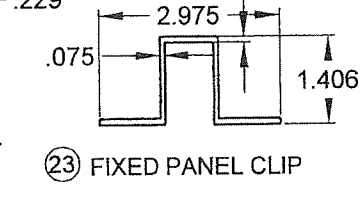
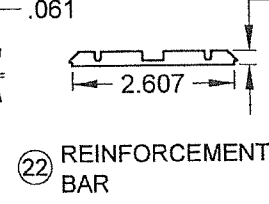
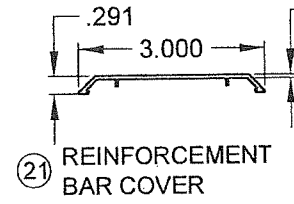
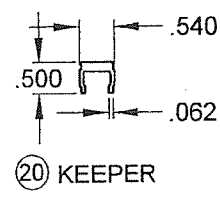
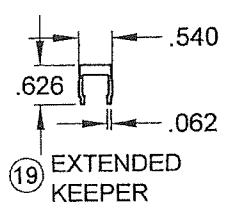
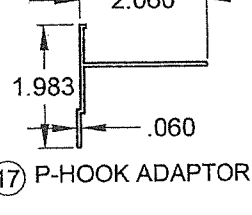
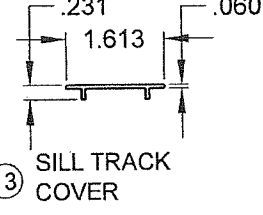
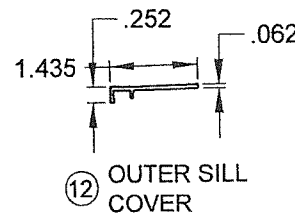
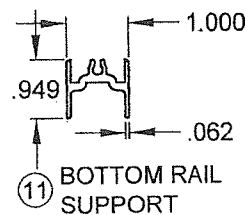
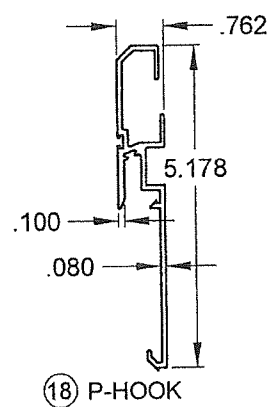
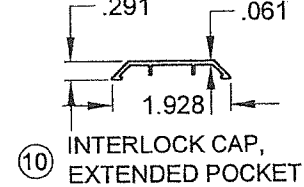
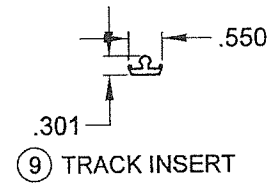
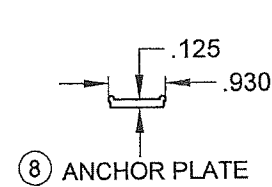
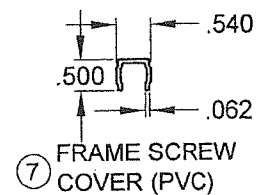
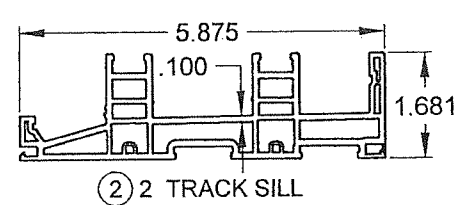
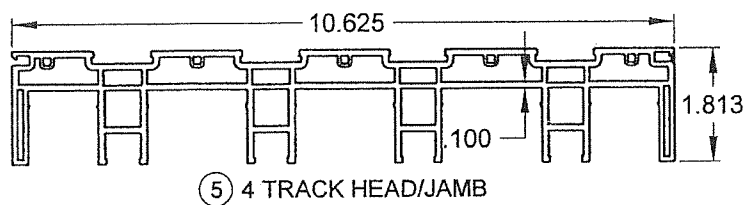
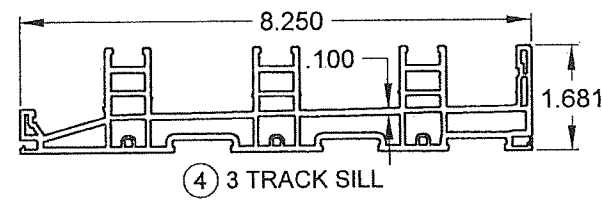
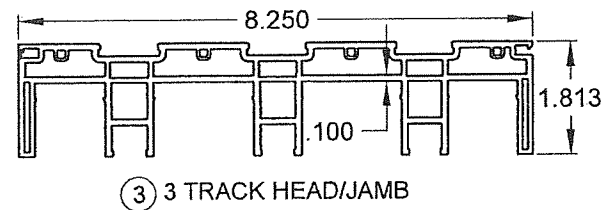
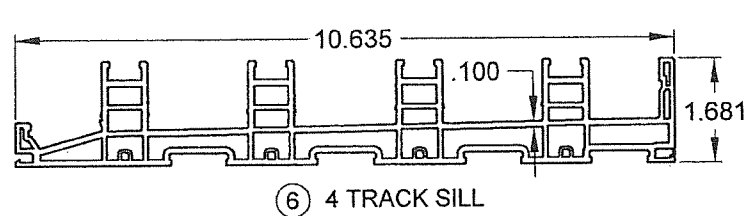
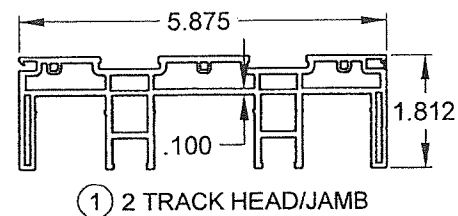
SCREEN PANEL TYPES			
C	DOUBLE INTERLOCK		ASTRAGAL
M	LOCKSTILE		DOUBLE INTERLOCK
J	LOCKSTILE		ASTRAGAL
SD	SINGLE INTERLOCK		DOUBLE INTERLOCK
A	DOUBLE INTERLOCK		LOCKSTILE
U	ASTRAGAL		LOCKSTILE
DS	DOUBLE INTERLOCK		SINGLE INTERLOCK

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

Series	SGD-5570 WINDOW	Scale	NTS	Sheet	17 OF 21	DWG No.	MD-5570W.0	Rev. No.	B
Title	VINYL SLIDING GLASS WINDOW NOA (LM)					Date	04/14/16		
Desc.	PANEL TYPES & HEADER BLOCK					Drawn By	J ROSOWSKI		
Rev	B) CORRECTED "E" PANEL TYPE NAME.					Rev Date	03/23/20		

PRODUCT REVISOR
as complying with the Florida
Building Code
Acceptance No. 20-0406-06
Expiration Date 8/14/25
By: [Signature]

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



25 TOP, BOTTOM AND STILE REINFORCEMENT

26 TOP, BOTTOM AND STILE COMPOSITE REINFORCEMENT

27 INTERLOCK .300 REINFORCEMENT, STANDARD

28 INTERLOCK .400 REINFORCEMENT, HEAVY-DUTY

29 ASTRAGAL REINFORCEMENT

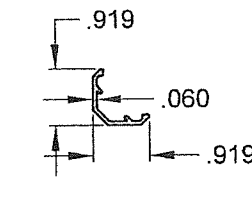
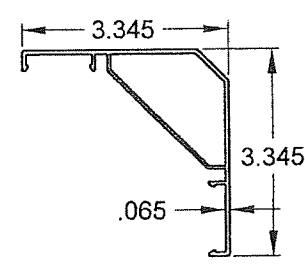
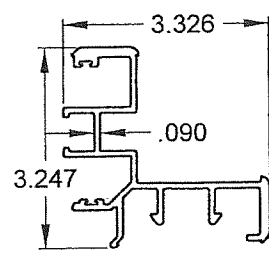
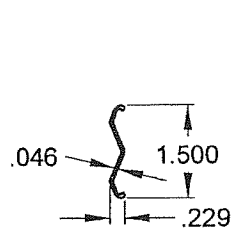
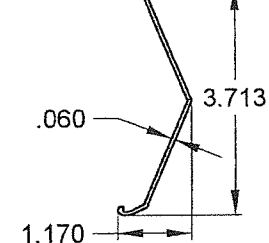
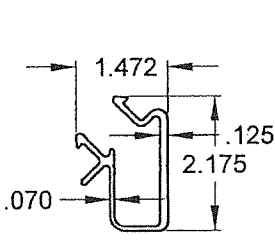
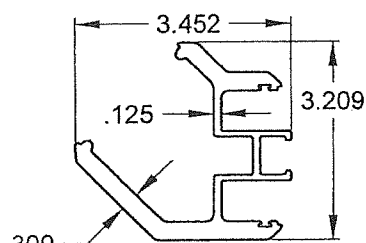
30 EXTENDED POCKET INTERLOCK ADAPTER

31 INTERLOCK ADAPTER

32 ASTRAGAL ADD-ON

33 PANEL STILE, TOP AND BOTTOM RAIL

34 INTERIOR JAMB COVER



35 135° CORNER ASTRAGAL

36 135° CORNER PASSIVE MOUNT

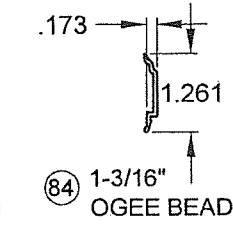
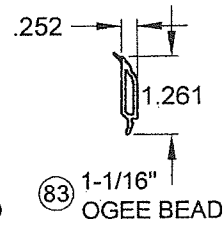
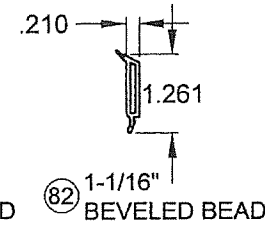
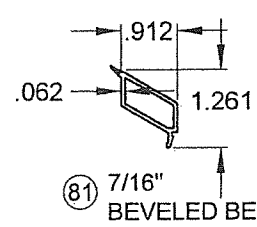
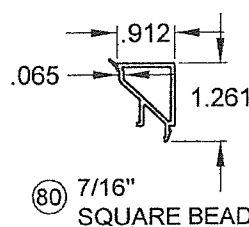
37 135° CORNER ASTRAGAL CAP, EXTERIOR

38 135° CORNER ASTRAGAL CAP, INTERIOR

39 90° CORNER ASTRAGAL

40 90° CORNER ASTRAGAL CAP, EXTERIOR

41 90° CORNER ASTRAGAL CAP, INTERIOR



80 7/16" SQUARE BEAD

81 7/16" BEVELED BEAD

82 1-1/16" BEVELED BEAD

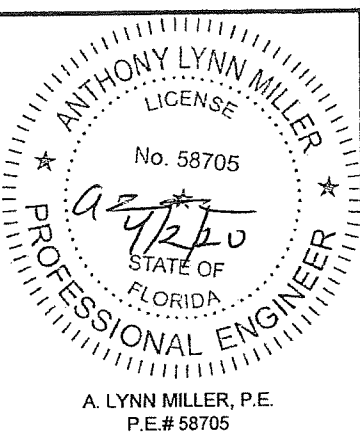
83 1-1/16" OGEE BEAD

84 1-3/16" OGEE BEAD

NOTES:

- 1) SEE SHEET 4 FOR SILL RISERS.
- 2) SEE SHEET 20 FOR SCREEN PARTS.
- 3) ALL DIMENSIONS IN INCHES.

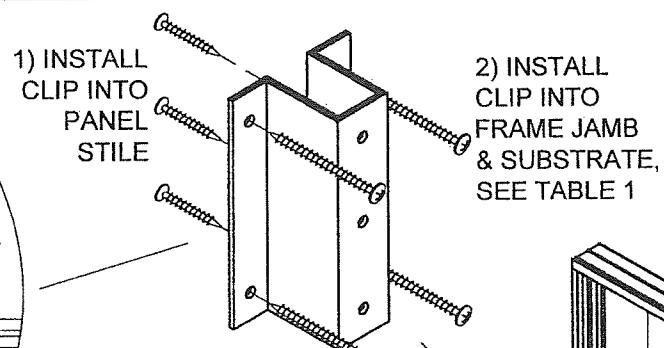
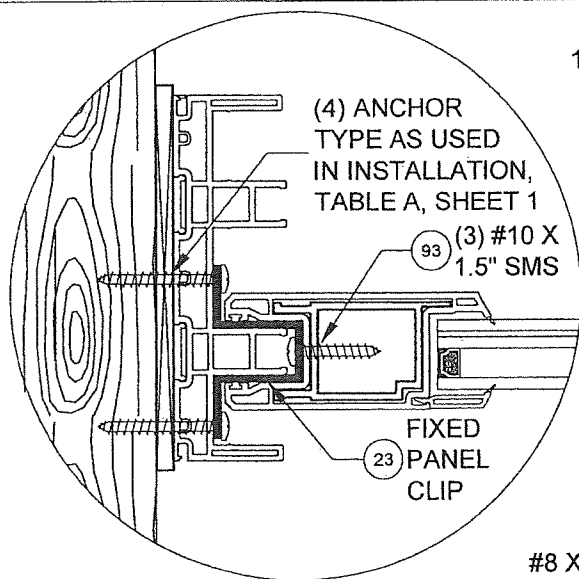
PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 20-0406-06
Expiration Date 8/14/21
Mr. [Signature] Product Control



PGT

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REGISTRATION #29296

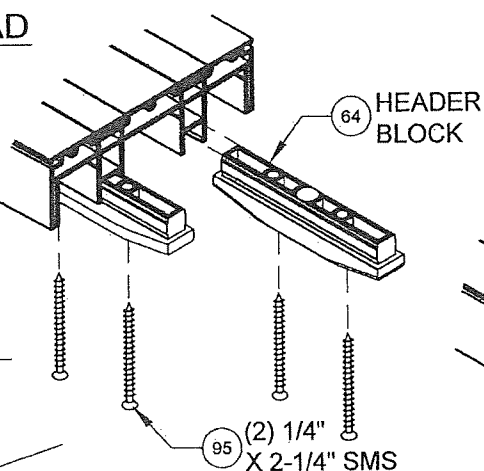
Series	SGD-5570 WINDOW	Scale	NTS	Sheet	18 OF 21	DWG No.	MD-5570W.0	Rev. No.	B
Title	VINYL SLIDING GLASS WINDOW NOA (LM)					Date	04/14/16		
Desc.	EXTRUSIONS					Drawn By	J ROSOWSKI		
Rev	B) NO CHANGES THIS SHEET.					Rev Date	03/23/20		



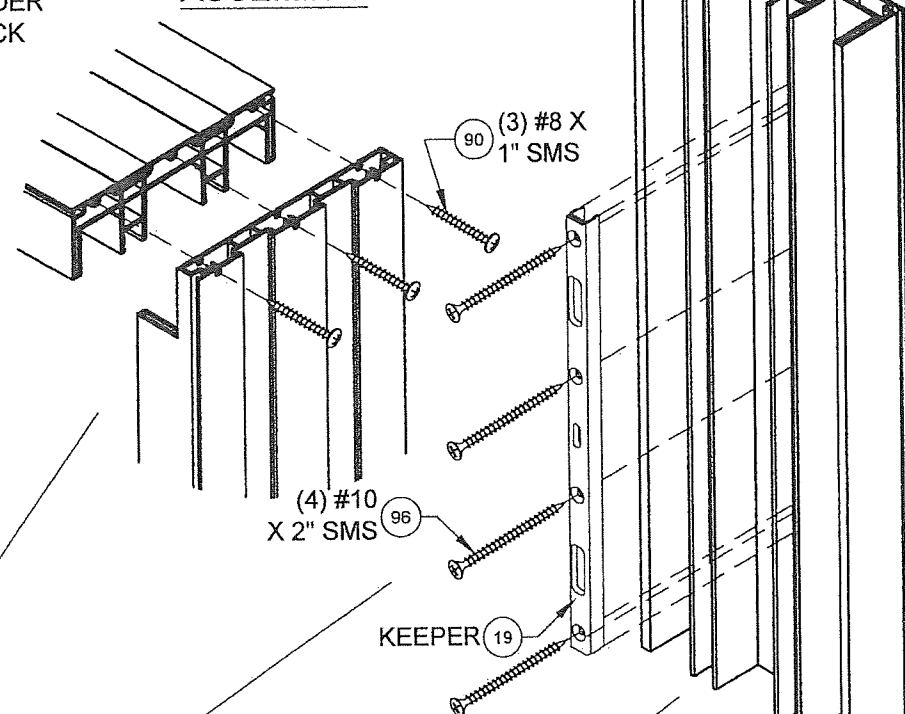
FIXED PANEL CLIP
INSTALL ONE CLIP AT THE MIDSPAN OF EACH FIXED PANEL-TO-FRAME JAMB LOCATION.

HEADER BLOCK TO HEAD ATTACHMENT

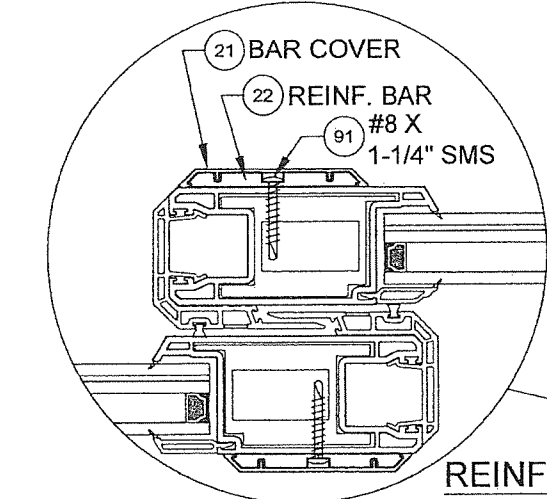
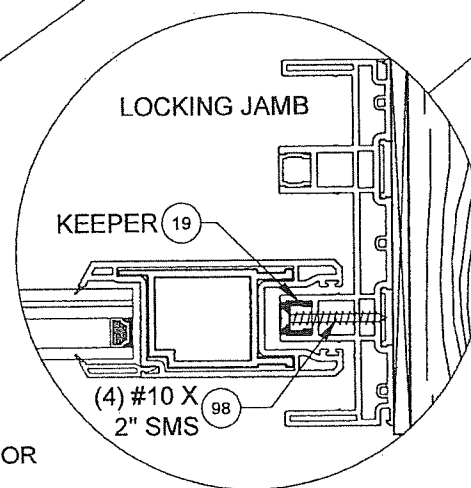
INSTALL ONE BLOCK AT EACH INTERLOCK. AT ASTRAGAL, INSTALL ONE BLOCK THAT SPANS BOTH PANELS. SEE SHEET 17 FOR INSTALLATION DETAILS OF ADDITIONAL HEADER BLOCKS.



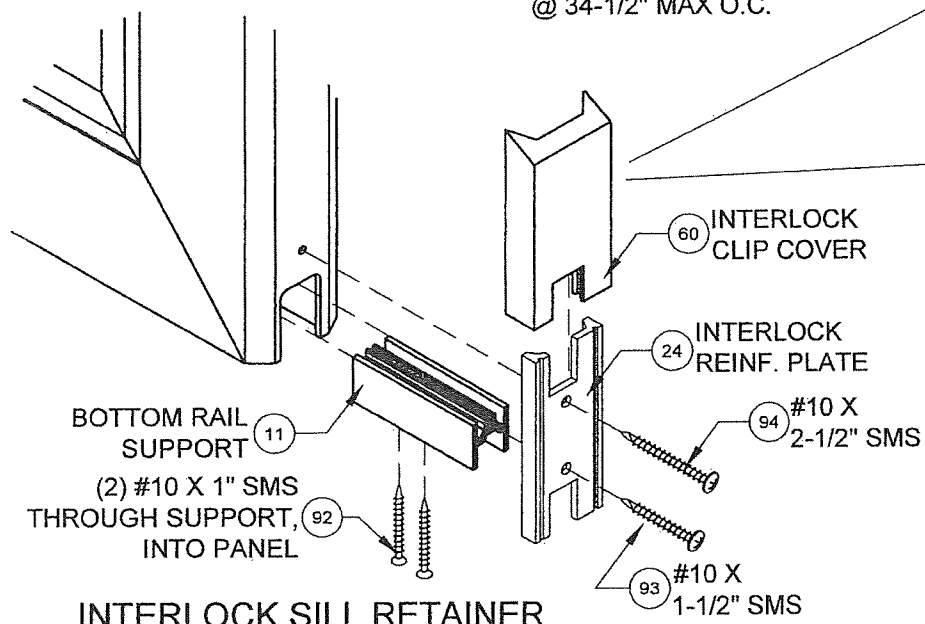
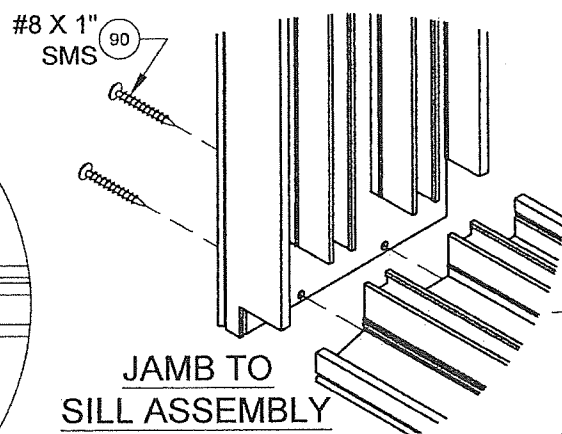
JAMB TO HEAD ASSEMBLY



KEEPER TO JAMB ATTACHMENT



REINFORCEMENT PLATE
ATTACH WITH #8 X 1-1/4\"/>



INTERLOCK SILL RETAINER CLIP ATTACHMENT
INSTALL ONE ASSEMBLY AT EACH INTERLOCK

4-PANEL, 2-TRACK OXXX SHOWN

INTERIOR
EXTERIOR

PANEL ASSEMBLY
ALL PANEL CORNERS WELDED, NO ASSEMBLY FASTENERS

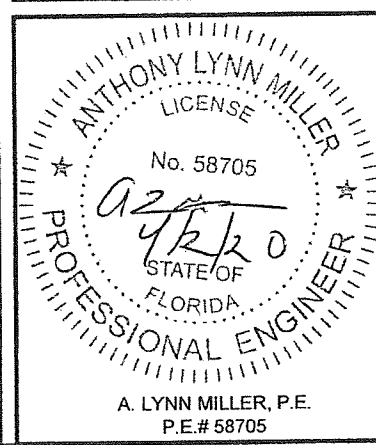
NOTES

- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING.
- 3) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS.
- 4) CONTINUOUS ANCHOR PLATE, ITEM #8, IS REQUIRED AT ALL FRAME ANCHOR LOCATIONS.

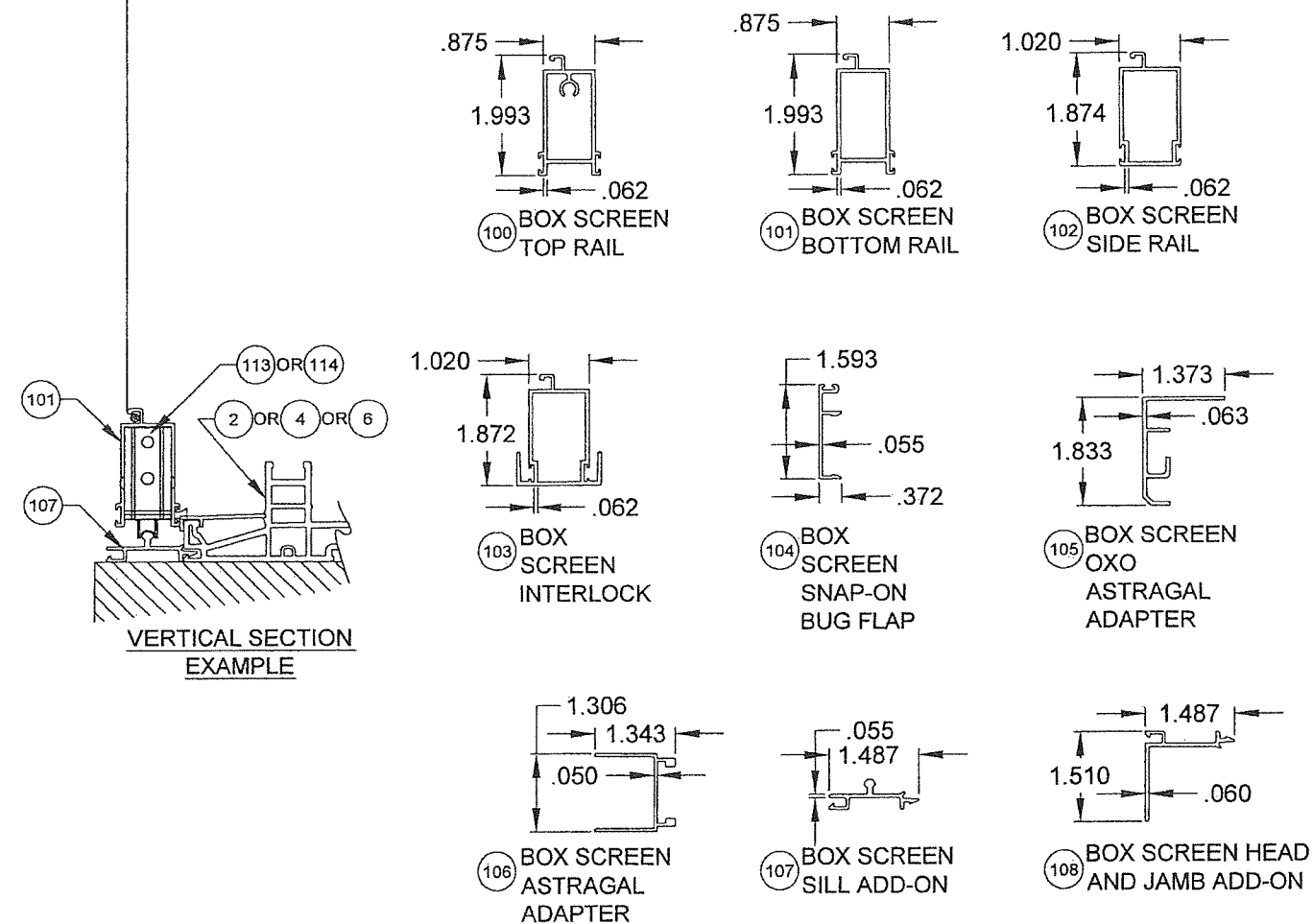
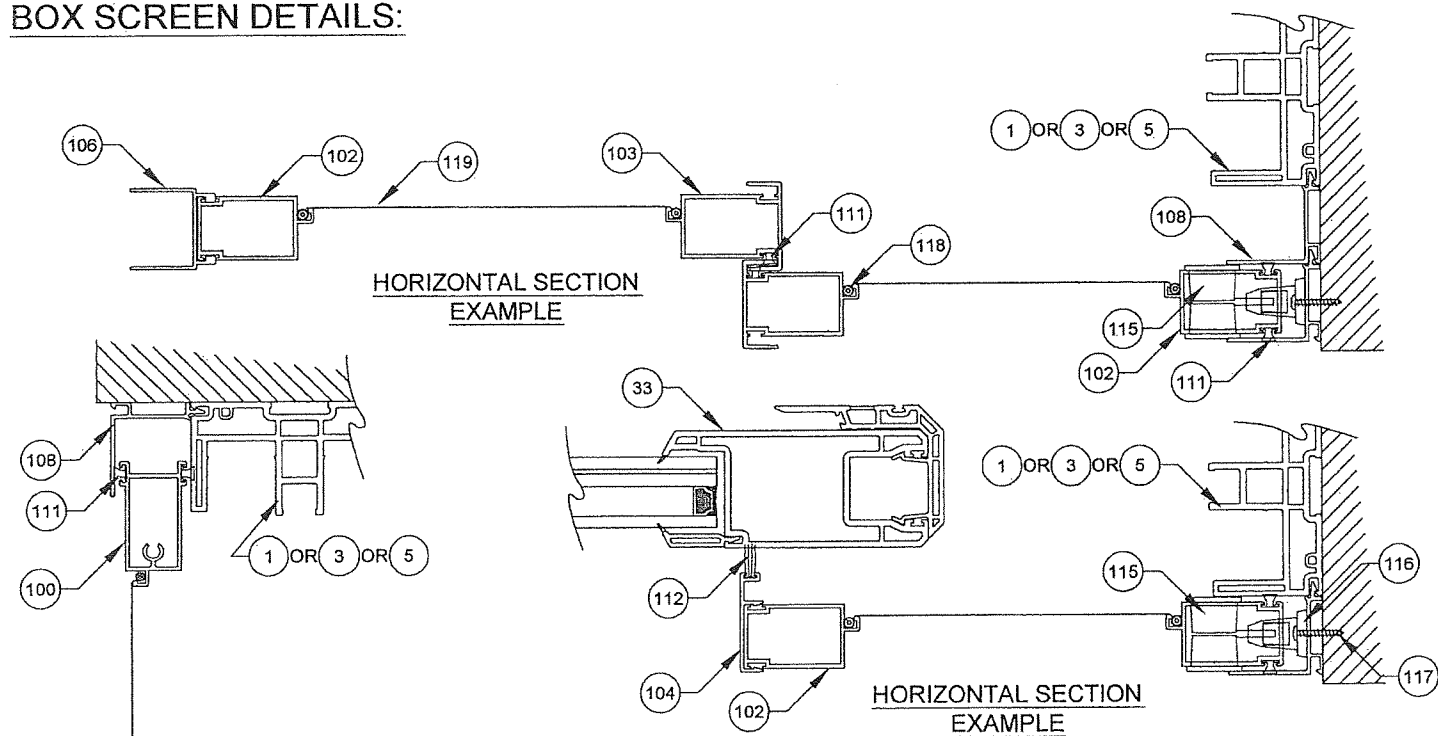


Title	VINYL SLIDING GLASS WINDOW NOA (LM)	Date	04/14/16
Desc	ACCESSORIES INSTALLATION	Drawn By	J ROSOWSKI
Rev	B) NO CHANGES THIS SHEET.	Rev Date	03/23/20
Series	SGD-5570 WINDOW	Scale	NTS
Sheet	19 OF 21	DWG No.	MD-5570W.0
Rev. No.	B		

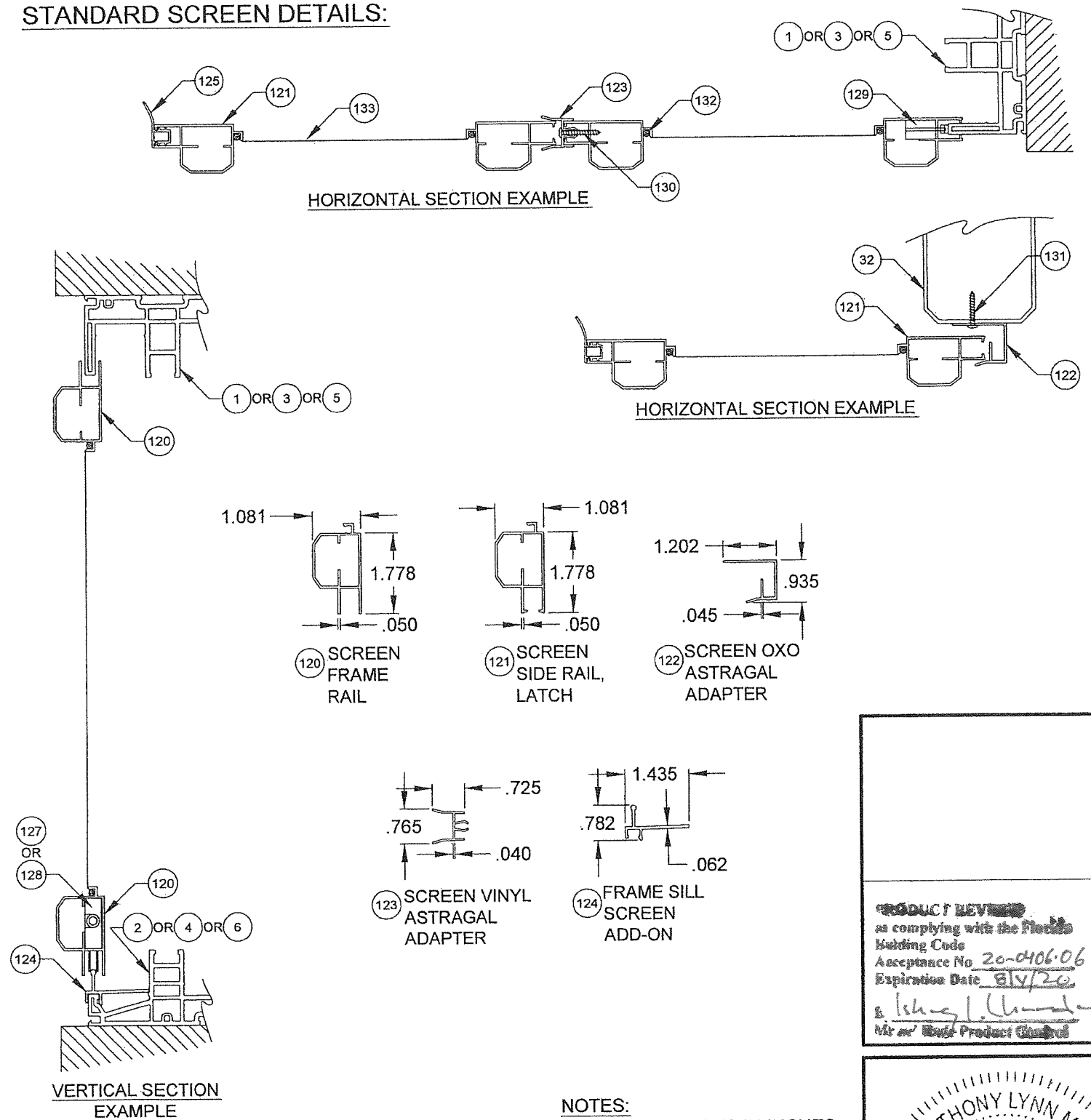
PRODUCT REVISION
as complying with the Florida Building Code
Acceptance No. 20-0406-06
Expiration Date 3/4/21
By: [Signature]
Manufacturer Product Control



BOX SCREEN DETAILS:



STANDARD SCREEN DETAILS:



NOTES:
1) ALL DIMENSIONS IN INCHES.



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Series	SGD-5570 WINDOW	Scale	NTS	Sheet	20 OF 21	DWG No.	MD-5570W.0	Rev. No.	B
Rev							Rev Date		
Rev	B) NO CHANGES THIS SHEET.						Rev Date	03/23/20	
Desc.	SCREEN DETAILS						Drawn By	J ROSOWSKI	
Title	VINYL SLIDING GLASS WINDOW NOA (LM)							Date	04/14/16

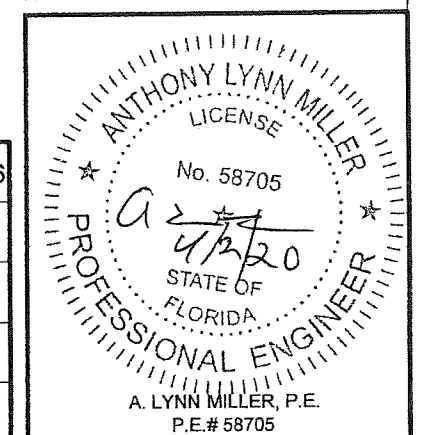
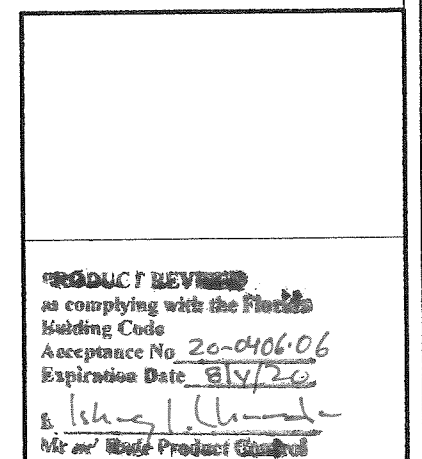


TABLE C:

#	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 Reinforcement	6005-T5 Alum.
26	19046		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° Corner 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° Corner Astragal Cap - Ext.	Rigid PVC
41	19082	90° Corner Astragal Cap - Int.	Rigid PVC

TABLE F:

Material	Min. F _y	Min. F _u
#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" DeWalt 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	See Sheet 10 for Materials
76		Quanex Super Spacer nXT with Hot Melt Butyl	
77		Quanex Duraseal	
78		Cardinal XL Edge Spacer	
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. Block	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



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REGISTRATION #29296

Rev	Disc	Title	Date
		VINYL SLIDING GLASS WINDOW NOA (LM)	04/14/16
Rev	Disc	Parts List	Drawn By J ROSOWSKI
Rev	Disc	B) ADDED BCKBDG. TYPES & TABLE F.	Rev Date 03/23/20
Rev	Disc		Rev Date
Series	SGD-5570 WINDOW	Scale NTS	Sheet 21 OF 21
DWG No.	MD-5570W.0	Rev. No.	B

TABLE D: BOX SCREEN

#	Part #	Description	Material
100	12256	Box Screen Top Rail	6063 T5 Al
101	12257	Box Screen Bottom Rail	6063 T5 Al
102	12258	Box Screen Side Rail	6063 T5 Al
103	64428	Box Screen Interlock	6063 T6 Al
104	17347A	Box Screen Snap-on Bug Flap	6063 T6 Al
105	64345	Box Screen OXO Astragal Adapter	6063 T6 Al
106	17349	Box Screen Astragal Adapter	6063 T5 Al
107	19039	Box Screen Frame Sill Add-on	6063 T6 Al
108	19038	Box Screen Head/Jamb Add-on	6063 T6 Al
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 Spline - .150" & .165"	Vinyl
119	1816C20	Screen Cloth	Fiberglass

TABLE E: STANDARD SCREEN

#	Part #	Description	Material
120	12033	Screen Frame Rail	6063 T5 Al
121	12026A	Screen Frame - Side Rail (Latch)	6063 T5 Al
122	17363	Screen OXO Astragal Adapter	6063 T6 Al
123	4853K	Screen Vinyl Astragal Adapter	Rigid PVC
124	19012B	Frame Sill Screen Add-on	6063 T6 Al
125	6FP95K	Bug Flap, 85 +/- 5 duro.	Vinyl
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 Spline - .145"	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.

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 20-0406-06
Expiration Date 8/14/2021
A. Lynn Miller
Vice President Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
4/12/20
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705