



MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

www.miamidade.gov/building

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)

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-770" Aluminum Horizontal Sliding Window w/ 90° & 135° corners – L.M.I.

APPROVAL DOCUMENT: Drawing No. PGT0129 Rev D, titled "Series 770 Alum. SGD-Window - LMI", sheets 1 through 22 of 22, dated 03/20/20 and last revised on 04/02/2020, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

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

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 19-1126.06 and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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



NOA No. 20-0406.07

Expiration Date: February 12, 2025

Approval Date: August 27, 2020

Page 1

8/20/20

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

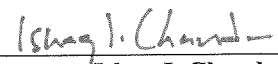
1. Manufacturer's die drawings and sections.
2. Drawing No. **PGT0129**, titled "Series 770 Alum. SGD-Window - LMI", sheets 1 through 22 of 22, dated 02/20/14, with revision C dated 04/05/17, prepared by manufacturer, signed, sealed and dated 4/18/17, by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 17-0420.17)

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a PVC sliding glass door, a PVC fixed window and an aluminum sliding glass door, using: Kodispace 4SG TPS spacer system, Duraseal® spacer system, Super Spacer® NXT™ spacer system and XL Edge™ spacer system at insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-8717**, **FTL-8968** and **FTL-8970**, dated 11/16/15, 06/07/16 and 06/02/16 respectively, all signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 16-0629.09)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7554**, dated 11/01/13, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under NOA No. 14-0320.03)
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: **FTL-5980**, **FTL-5993**, **FTL-6036**, **FTL-6001**, **FTL-6014**, **FTL-6015**, **FTL-6017**, **FTL-6023**, **FTL-6024**, **FTL-6025**, **FTL-6028**, **FTL-6031**, **FTL-6033** and **FTL-6036**, all dated 08/10/09 and signed and sealed by Julio Gonzales, P.E. *(Submitted under NOA No. 09-0826.10)*
3. Additional Reference Fixed Window Test Report No. **FTL-7897** (Cardinal spacer), per TAS 201, 202 & 203-94, issued by Fenestration Testing Laboratory, Inc.
(Submitted under NOA No. 15-0430.08)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)** and **FBC 6th Edition (2017)** dated 04/18/17 and revised on 08/02/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 17-0420.17)
2. Glazing complies with **ASTM E1300-09**.


Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0406.07
Expiration Date: February 12, 2025
Approval Date: August 27, 2020

PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 17-1114.13 issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers", expiring on 07/08/24.
2. Notice of Acceptance No. 17-0808.02 issued to **Kuraray America, Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers", expiring on 07/04/23.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-5th Edition (2014)** and **FBC-6th Edition (2017)**, dated 08/02/17, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E. (*Submitted under NOA No. 17-0420.17*)
2. Statement letter of no financial interest, dated 04/08/17, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E. (*Submitted under NOA No. 17-0420.17*)
3. Proposal No. 16-0125 issued by the Product Control Section, dated March 09, 2016, signed by Ishaq Chanda, P.E. (*Submitted under NOA No. 16-0629.09*)

G. OTHERS

1. Notice of Acceptance No. 16-0629.09, issued to PGT Industries, Inc. for their Series "SGD-770" Aluminum Horizontal Sliding Window w/90° & 135° corners - L.M.I. approved on 08/04/16 and expiring on 02/12/20.

2. EVIDENCE SUBMITTED UNDER PREVIOUS NOA

A. DRAWINGS

1. Drawing No. **PGT0129**, titled "Series 770 Alum. SGD-Window - LMI", sheets 1 through 22 of 22, dated 02/20/14, with revision C dated 04/05/17, prepared by manufacturer, signed, sealed and dated 11/22/19, by Anthony Lynn Miller, P.E.

B. TESTS

1. None

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 19-0305.02 issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers", expiring on 07/08/24.
2. Notice of Acceptance No. 17-0808.02 issued to **Kuraray America, Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers", expiring on 07/04/23.


Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0406.07
Expiration Date: February 12, 2025
Approval Date: August 27, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, dated November 22, 2019, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest, dated November 22, 2019, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

G. OTHERS

1. Notice of Acceptance No. **17-0420.17**, issued to PGT Industries, Inc. for their Series "SGD-770" Aluminum Horizontal Sliding Window, w/ 90° & 135° corners – L.M.I., approved on 08/31/17 and expiring on 02/12/20.

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **PGT0129 Rev D**, titled "Series 770 Alum. SGD-Window - LMI", sheets 1 through 22 of 22, dated 03/20/20 and last revised on 04/02/2020, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per ASTM F588 and TAS 202-94

along with marked-up drawings and installation diagram of all PGT Industries, Inc. 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 plus anchor comparison, complying with **FBC 7th Edition (2020)** dated 04/02/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

D. QUALITY ASSURANCE

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


Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0406.07
Expiration Date: February 12, 2025
Approval Date: August 27, 2020

SERIES 770, IMPACT RESISTANT SLIDING GLASS WINDOW
INCLUDING POCKETS & 90°/135° CORNERS

GENERAL NOTES

- 1) GLAZING TYPE OPTIONS: SEE TABLE B, THIS SHEET & GLAZING DETAILS ON SHEETS 4 & 5.
2) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES 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 CURRENT FLORIDA BUILDING CODE. FOR ANCHORAGE DETAILS SEE SHEETS 6-14.
4) SHUTTERS ARE NOT REQUIRED PER FBC REQUIREMENTS, AS APPLICABLE.
5) INSTALLATION SCREWS, FRAME SPLICES, FRAME AND PANEL CORNERS TO BE SEALED WITH NARROW JOINT SEALANT.
6) REFERENCES: ELCO ULTRACON, DEWALT ULTRACON+, DEWALT/ELCO CRETEFLEX AND AGGREGATOR NOA'S, ANSI/AF&PA NDS FOR WOOD CONSTRUCTION AND ADM, ALUMINUM DESIGN MANUAL.
7) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
8) WINDOW SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE, AS APPLICABLE.
9) TEST REPORTS: FTL-5980, FTL-5993, FTL-6001, FTL-6014, FTL-6015, FTL-6017, FTL-6022, FTL-6023, FTL-6024, FTL-6025, FTL-6028, FTL-6031, FTL-6033, FTL-6036 AND FTL-7554

TABLE B, SEE DETAILS ON SHEETS 4 & 5

Table with 2 columns: Glass Type, Description (Listed from Exterior to Interior). Rows include G3, G3A, G4, G4A, G5, G5A, G6, G6A, G7, G7A, G8, G8A with detailed lamination and interlayer specifications.

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

Table with 2 columns: DESIGN PRESSURE RATING, IMPACT RATING. Rows specify ratings based on tables and sheets.

- CODES / STANDARDS USED:
• 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
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GLAZING DETAILS..... 4,5
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DESIGN PRESSURES..... 6-8
INSTALL DETAILS..... 12-14
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PANEL / SILL TYPES..... 17
CROSS SECTIONS..... 18,19
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TABLE A:

Table with 7 columns: Anchor Group, Anchor Type, Frame Member, Substrate, Min. Edge Distance, Min. O.C. Distance, Min. Embedment or Metal Thickness. Rows A, B, C, D detail various anchor and substrate combinations.

- 1) WHERE SUBSTRATE CONDITIONS REQUIRE ANCHORAGE FROM MORE THAN ONE OF THE ANCHOR GROUPS ABOVE, CHOOSE THE ANCHOR GROUP OF THE LOWEST LETTER FOR ALL TABLES IN THIS APPROVAL.
2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.
3) FOR THE MINIMUM STRENGTHS OF ANCHORS AND SUBSTRATES, SEE TABLE 5, SHEET 20.
4) HOLLOW BLOCK VALUES MAY ALSO BE USED IN FILLED BLOCK APPLICATIONS.
5) ANCHORS MUST BE OF SUFFICIENT LENGTH SO THAT A MINIMUM OF 3 THREADS EXTEND BEYOND METAL SUBSTRATE.

ANCHOR NOTES

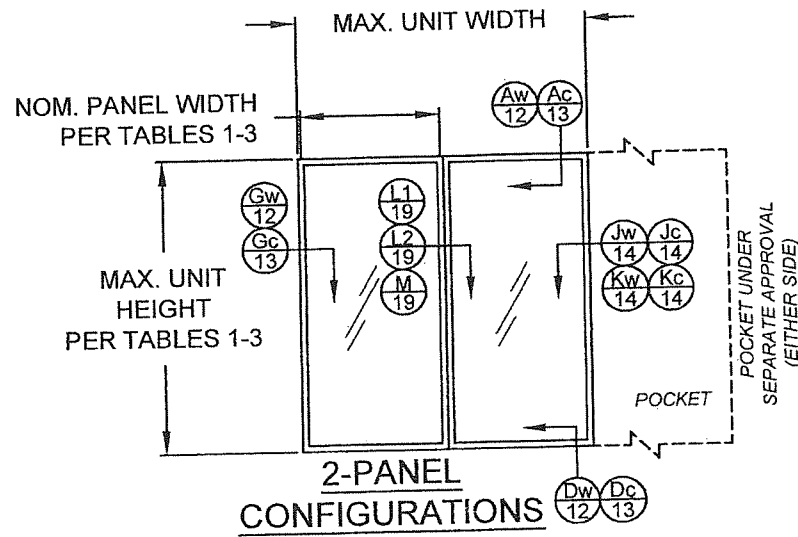
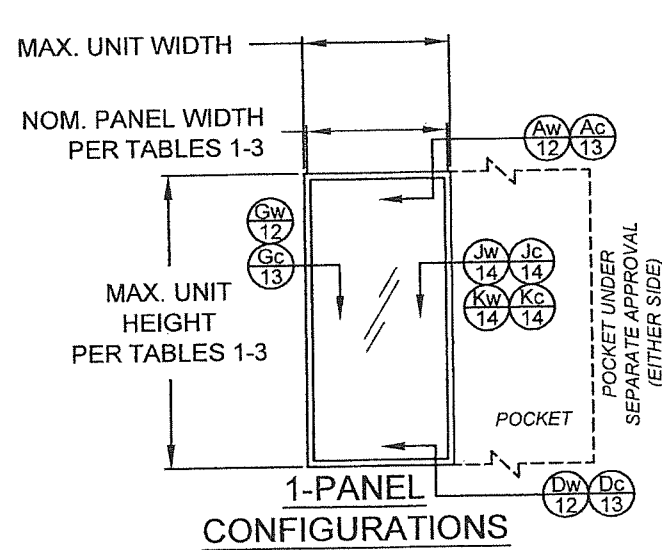
- 1) FOR CONCRETE/CMU SUBSTRATE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ANCHORS. SEE TABLE A ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
2) FOR OTHER SUBSTRATE APPLICATIONS SEE TABLE A, THIS SHEET.
3) WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. PROPERLY SECURED, 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE. 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 CURRENT FLORIDA BUILDING CODE 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.

GENERAL NOTES AND MAP
Description:
Title:
Series/Model:
Scale:
Sheet:
Drawing No.
Rev.

Product Review stamp with date FEB 13, 2025 and Professional Engineer stamp for Anthony Lynn Miller, No. 58705, State of Florida.

Revised By: JR, Date: 03/26/20, Revisions: D, Updated to FBC 2020, Anchor Type Table.
Drawn By: JR, Date: 02/20/14, Checked By: , Date:

EXAMPLE CONFIGURATIONS



CONFIGURATIONS NOTES:

CONFIGURATIONS NOTES:
1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "Jw", "Jc", "Kw" OR "Kc" INSTALLATION.
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 CAN BE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.

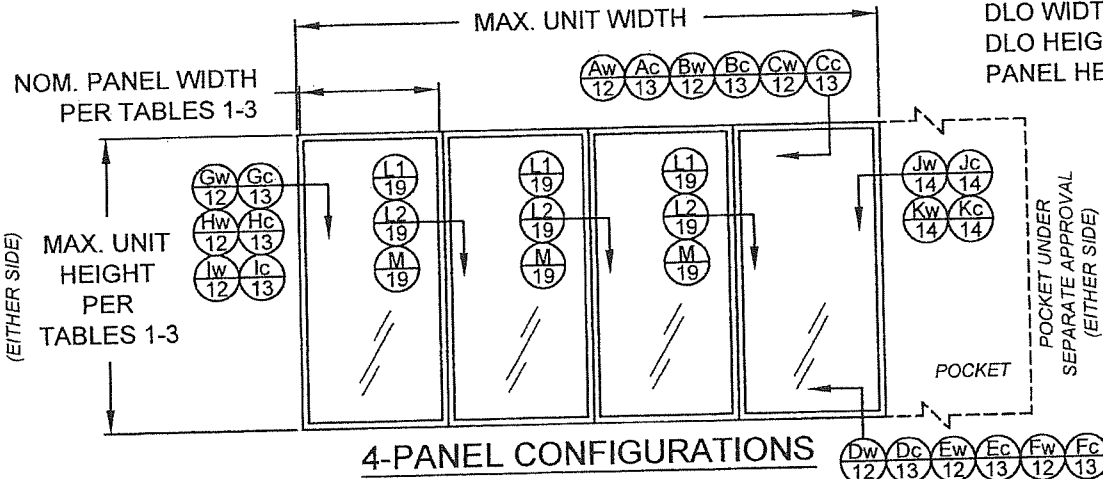
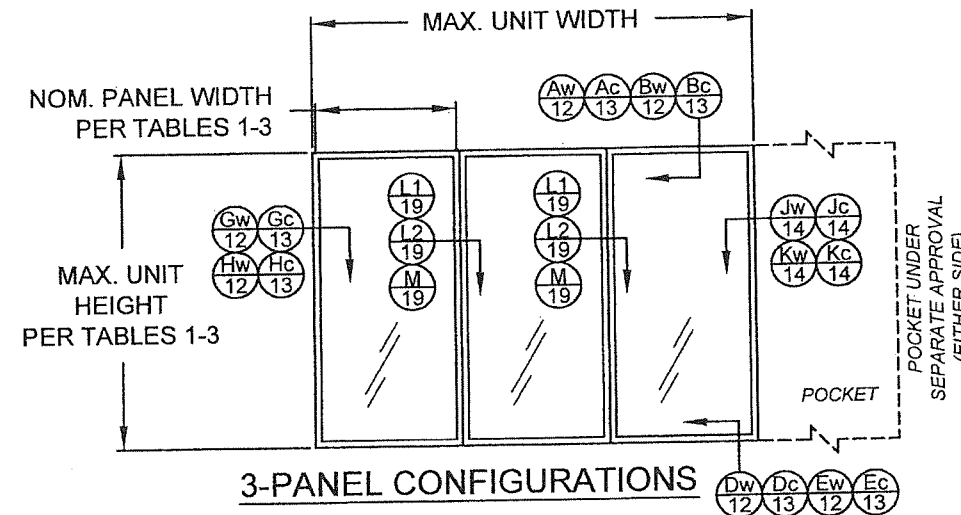
3) FOR NOM. PANEL WIDTH, SEE TABLES 1-3.

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

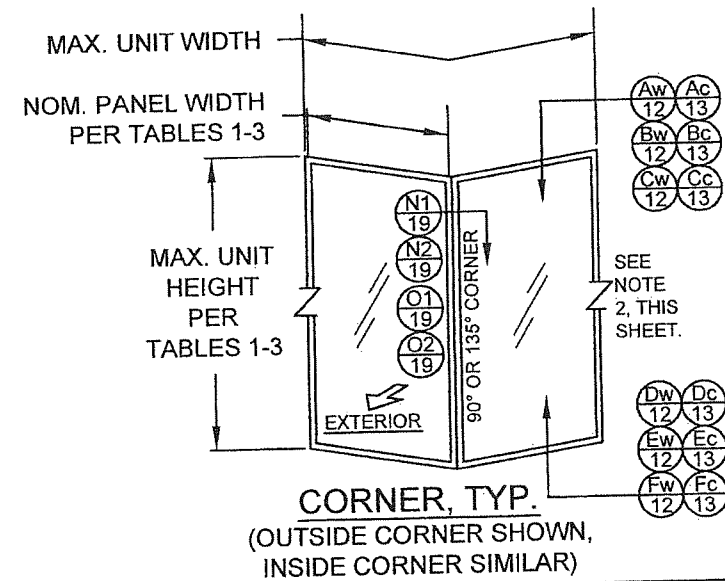
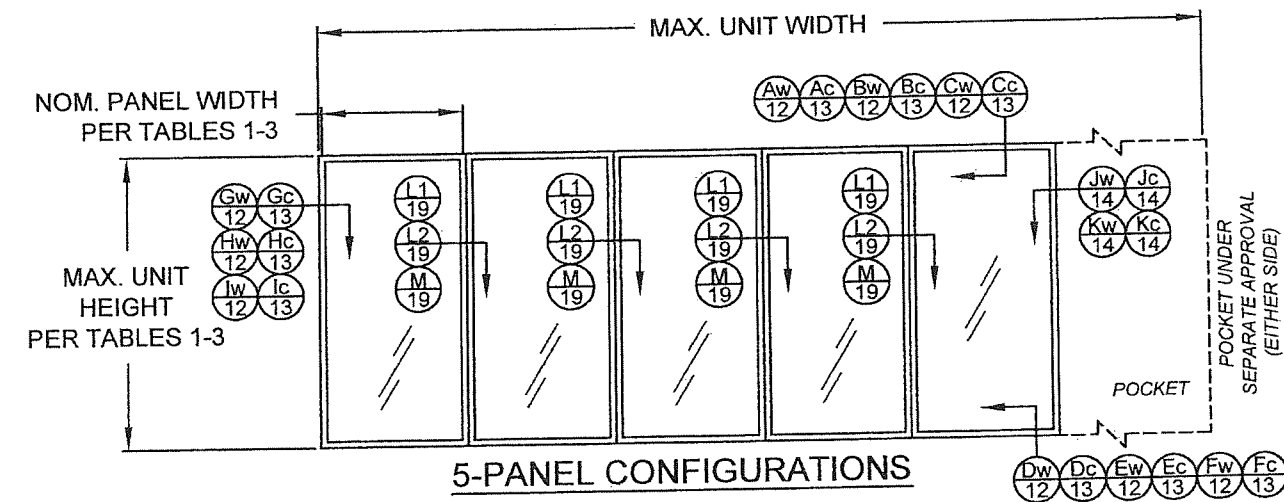
—DETAIL LETTER

— "w" = WOOD OR METAL INSTALLATION
 — "c" = CONCRETE INSTALLATION

—SHEET NUMBER



DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.866"



SEE
NOTE
2, THIS
SHEET.

Dw	Dc
12	13
Ew	Ec
12	13
Fw	Fc
12	13

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 20-0406-07
Expiration Date 2/12/25
E. Wang L. Chen
Affiliated Product Control

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

A2
7/2/20

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

Revsd By: JR	Date: 03/26/20	Revisions: D	NO CHANGES THIS SHEET.	
Drawn By: JR	Date: 02/20/14	Checked By:	Date:	

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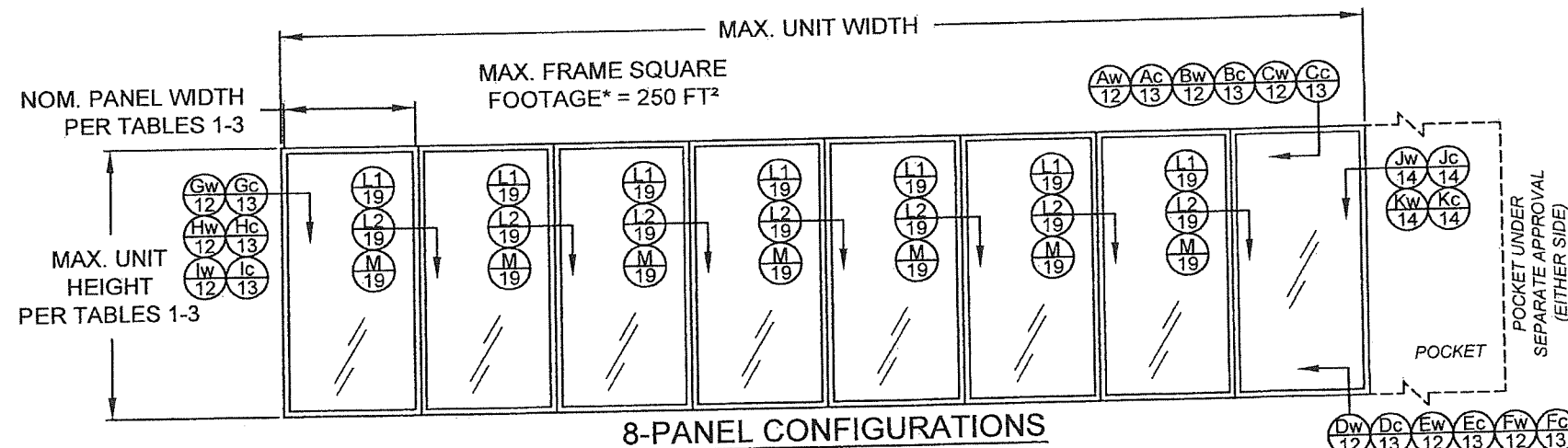
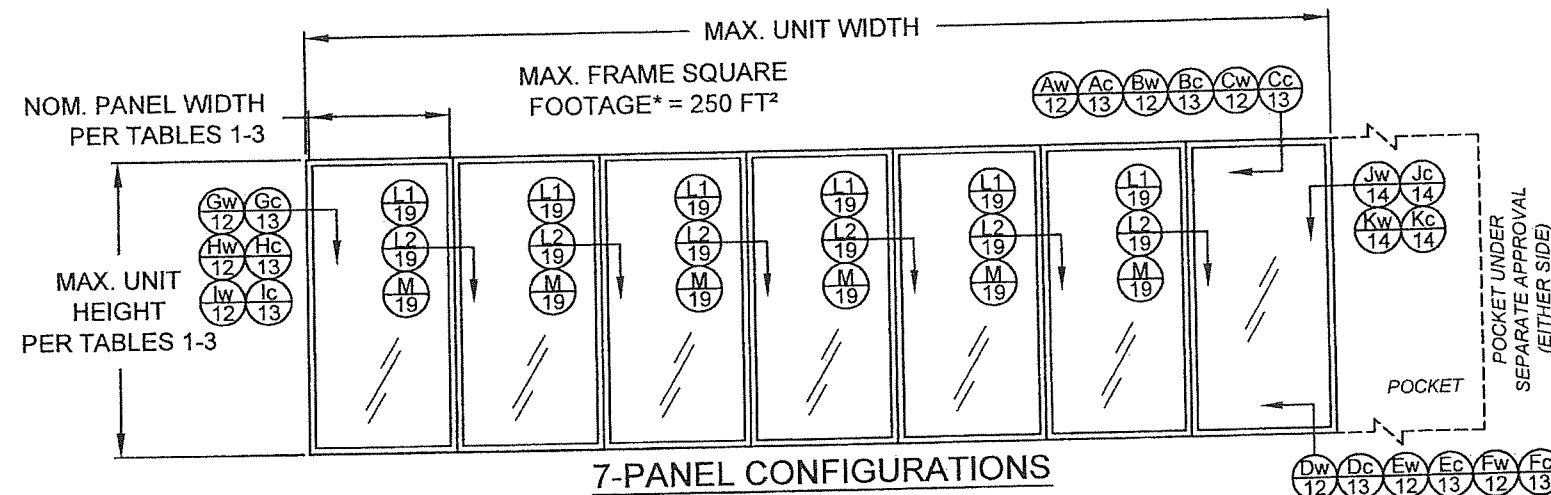
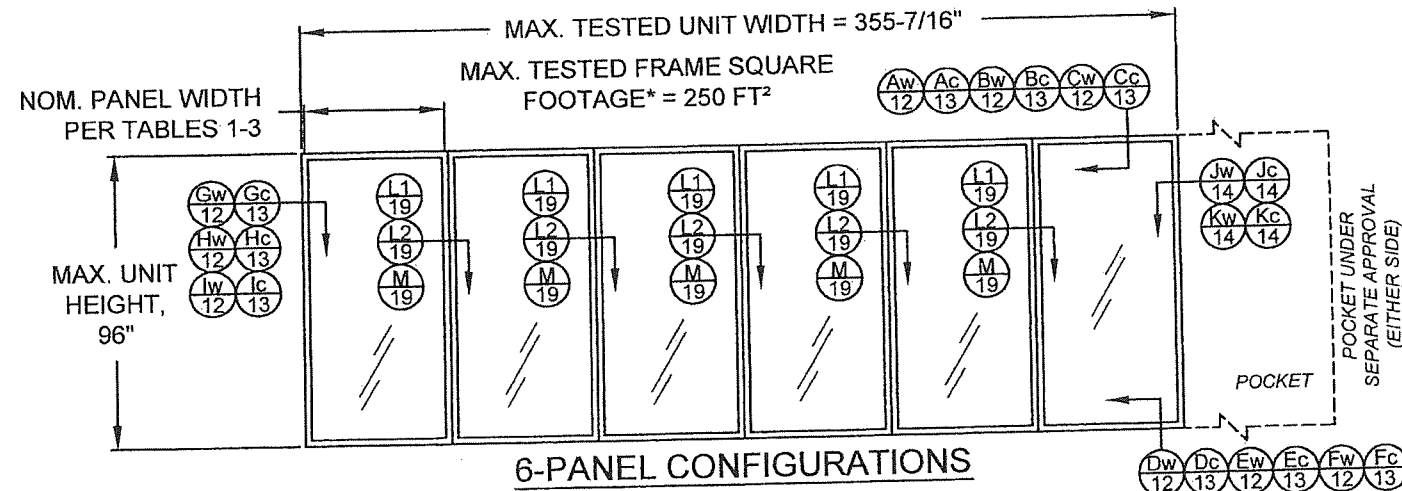
EXAMPLE CONFIGURATIONS

Title: **SERIES 770 ALUM. SGD-WINDOW - LMI**

Series/Model:	Scale:	Sheet:	Drawing No.
SGD-770 WINDOW	NTS	2 of 22	PGT0129

Rev.

EXAMPLE CONFIGURATIONS



* FRAME SQUARE FOOTAGE = OVERALL UNIT WIDTH (IN) x OVERALL UNIT HEIGHT (IN) / 144

CONFIGURATIONS NOTES:

1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "Jw", "Jc", "Kw" OR "Kc" INSTALLATION. 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 CAN BE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.

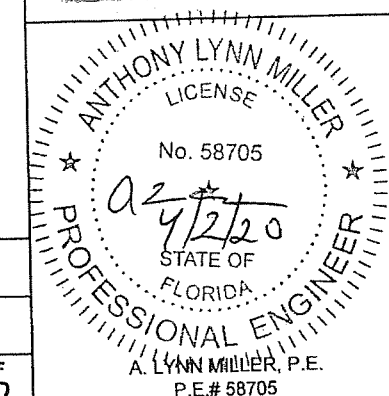
3) FOR NOM. PANEL WIDTH, SEE TABLES 1-3.

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

DETAIL LETTER
"Xx" = WOOD OR METAL INSTALLATION
"c" = CONCRETE INSTALLATION
SHEET NUMBER

DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.866"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0406-07
Expiration Date 2/12/23
A. Lynn Miller, P.E.
Miami Made Product Control

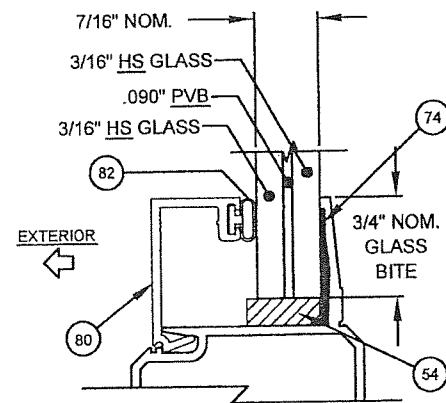


Revised By: JR Date: 03/26/20 Revisions: D NO CHANGES THIS SHEET.
Drawn By: JR Date: 02/20/14 Checked By: Date:

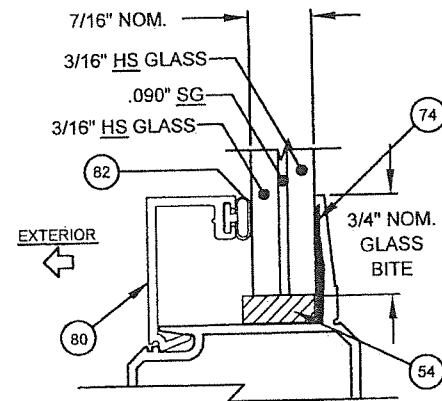
1070 TECHNOLOGY DRIVE
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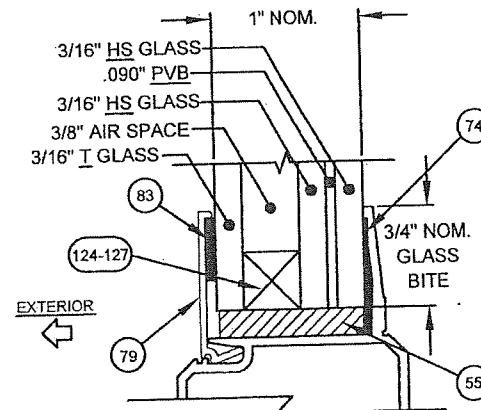
Description: EXAMPLE CONFIGURATIONS
Title: SERIES 770 ALUM. SGD-WINDOW - LMI
Series/Model: SGD-770 WINDOW Scale: NTS Sheet: 3 of 22 Drawing No. PGT0129 Rev: D



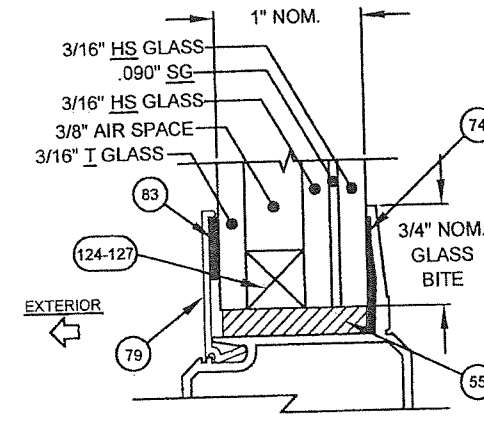
7/16" LAMINATED GLASS, TYPE G3



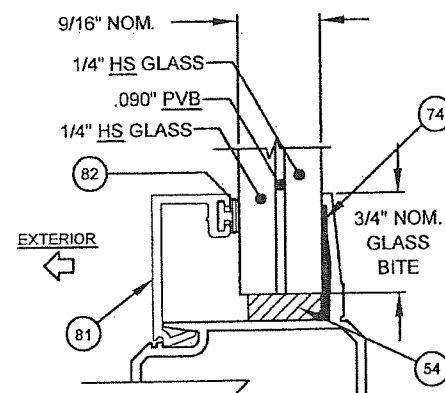
7/16" LAMINATED GLASS, TYPE G4



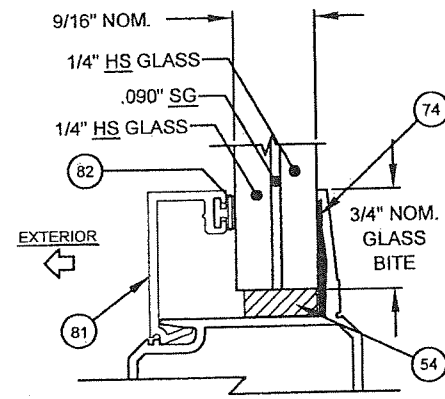
1" LAMINATED I.G. GLASS, TYPE G5



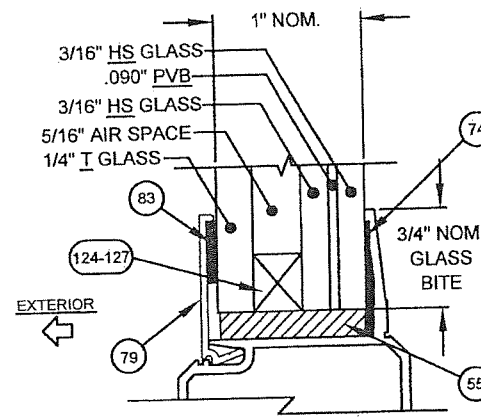
1" LAMINATED I.G. GLASS, TYPE G6



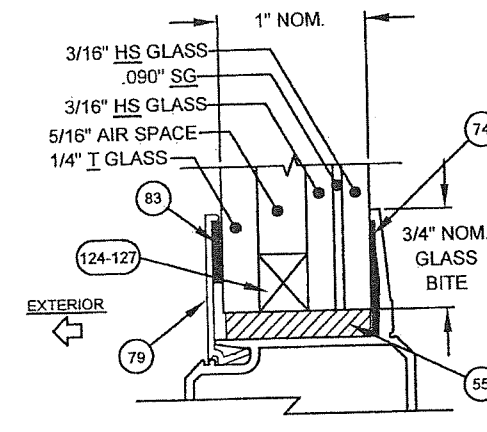
9/16" LAMINATED GLASS, TYPE G3A



9/16" LAMINATED GLASS, TYPE G4A



1" LAMINATED I.G. GLASS, TYPE G5A



1" LAMINATED I.G. GLASS, TYPE G6A

GLAZING NOTES:

"ANN" = ANNEALED

"HS" = HEAT STRENGTHENED

"T" = TEMPERED

"PVB" = .090" TROSIFOL® PVB BY KURARAY AMERICA, INC.

"SG" = .090" SENTRYGLAS® BY KURARAY AMERICA, INC.

Revised By:	Date:	Revisions:	
JR	03/26/20	D	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
JR	02/20/14		

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



Description:

GLAZING DETAILS

Title:

SERIES 770 ALUM. SGD-WINDOW - LMI

Series/Model:

SGD-770 WINDOW

Scale:

NTS

Sheet:

4 of 22

Drawing No.

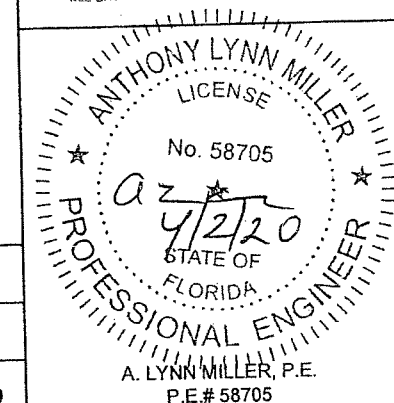
PGT0129

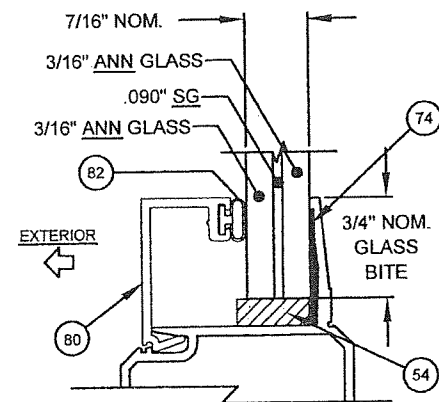
Rev:

D

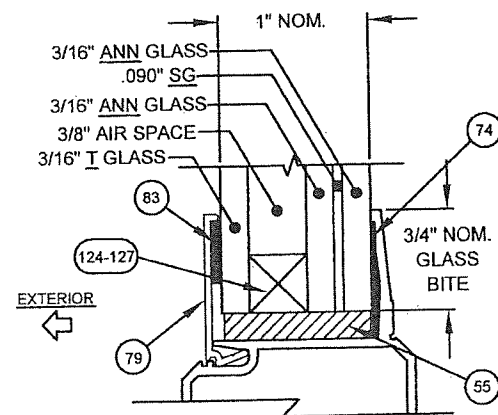
SEE SHEET 5 FOR SPACER DETAILS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 20-0406-07
Expiration Date 2/12/25
B. [Signature]
Product Control

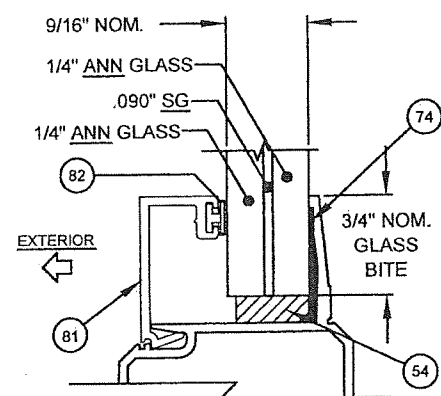




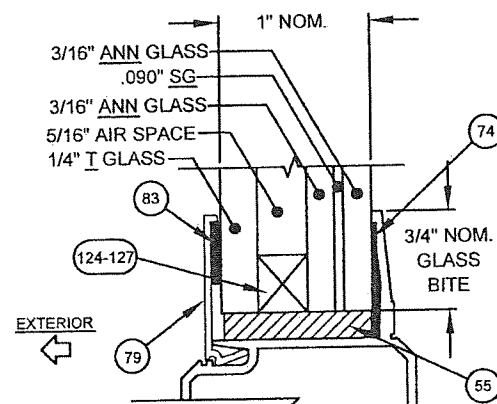
7/16" LAMINATED GLASS, TYPE G7



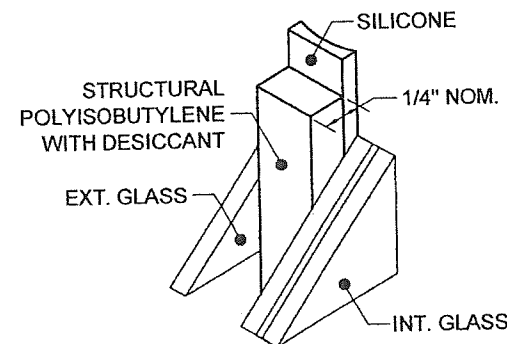
1" LAMINATED I.G. GLASS, TYPE G8



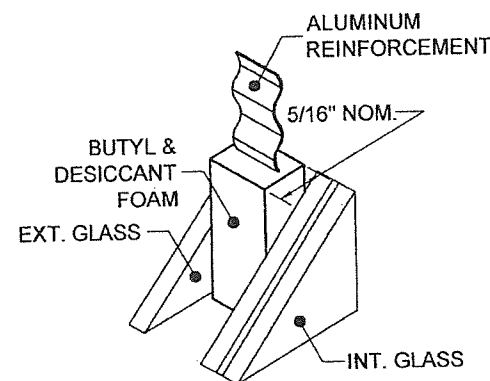
9/16" LAMINATED GLASS, TYPE G7A



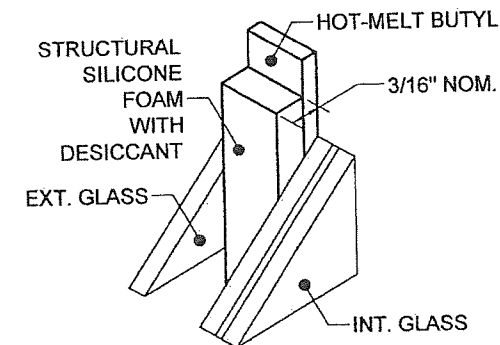
1" LAMINATED I.G. GLASS, TYPE G8A



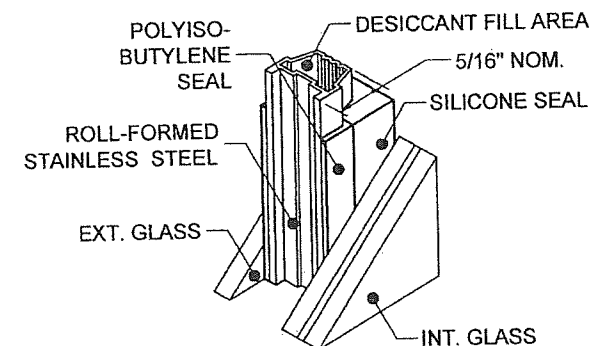
124 KODISPACE
4SG TPS



126 DURASEAL®
SPACER



125 SUPER
SPACER® NXT™



127 XL EDGE
SPACER™

Part #	Description	Material
124	Kommerling 4SG TPS Spacer System	See this Sheet for Materials
125	Quanex Super Spacer nXT with Hot Melt Butyl	
126	Quanex Duraseal Spacer	
127	Cardinal XL Edge Spacer	

REFERENCE TEST REPORTS: FTL-8717, 8968 & 8970

GLAZING NOTES:

"ANN" = ANNEALED

"HS" = HEAT STRENGTHENED

"T" = TEMPERED

"PVB" = .090" TROSIFOL® PVB BY KURARAY AMERICA, INC.

"SG" = .090" SENTRYGLAS® BY KURARAY AMERICA, INC.

Revised By:	Date:	Revisions:	
JR	03/26/20	D	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
JR	02/20/14		

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



Description:

GLAZING DETAILS

Title:

SERIES 770 ALUM. SGD-WINDOW - LMI

Series/Model:

SGD-770 WINDOW

Scale:

NTS

Sheet:

5 of 22

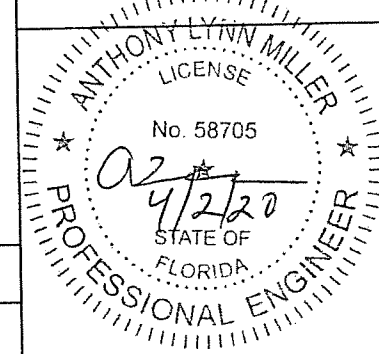
Drawing No.

PGT0129

Rev:

D

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0406.07
Expiration Date 2/12/25
A. Lynn Miller
Professional Engineer



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

TABLE 1:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3) For corner astragal anchorage on 90° or 135° corner units, see sheet 11																		Maximum DP for all sizes: +60 / -60 (May be limited by Table 1A)									
Table applies to Glass types 3, 3A, 5, 5A, 7, 7A, 8 & 8A and the Stile/Astragal types shown below.				Window Unit Height (in)																							
				42				48				60				72				80				96			
				31-7/8" DLO				37-7/8" DLO				49-7/8" DLO				61-7/8" DLO				69-7/8" DLO				85-7/8" DLO			
				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 (in)	24	17" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8
	36	29" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	
			Jamb	4	4	4	4	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8
	42	35" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	
			Jamb	4	4	4	4	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8
	48	41" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	
			Jamb	4	4	4	4	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	10	8	8	8	8
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8

FOR EXAMPLE ON USING TABLE, SEE SHEET 7.

NOTES:

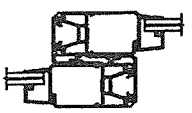
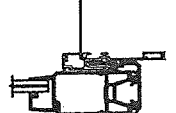
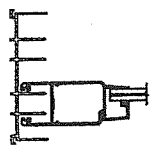
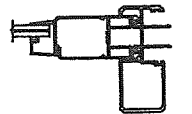
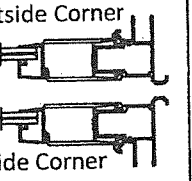
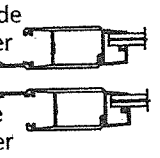
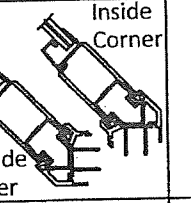
- 1) POSITIVE PRESSURES IN TABLE 1 ARE BASED ON THE USE OF THE 3-1/4" SILL.
- 2) WHEN USING THE 2-1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 3-1/4" OR 4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX. (NEGATIVE PRESSURES UNCHANGED). SEE TABLE 1A.
- 3) ONLY THE 2-1/2", 3-1/4" AND 4" SILL HEIGHTS HAVE BEEN TESTED FOR WATER INFILTRATION RESISTANCE. THE 1-1/2" SILL HAS NOT AND MAY ONLY BE USED IN A PASS-THRU WINDOW WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED DUE TO ROOF OVERHANG CONDITIONS. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 1 MAY BE USED WHEN THE WINDOW IS USED AS A PASS-THRU WINDOW.
- 4) SEE SHEETS 10-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5) WINDOW SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
- 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

TABLE 1A:

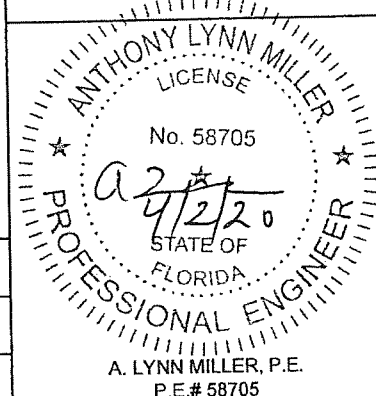
Sill Height to Max. (+) DP (Water Infiltration Rating)	
Sill Riser Height (Flat or Box, see Sheet 17)	(+) Design Pressure, psf
Flush - 1-1/2"	see note 3
Low - 2-1/2"	+ 46.67
Medium - 3-1/4"	+ 60.0
High - 4"	+ 60.0

SEE NOTES 1-3

DLO WIDTH =
NOM. PANEL WIDTH - 7"DLO HEIGHT =
WINDOW UNIT HEIGHT - 10.125"PANEL HEIGHT =
WINDOW UNIT HEIGHT - 1.866"

Interlock	P-hook	Lockstile @ Jamb	Straight Astragal Assembly	Lockstile @ Straight Astragal	90° Astragal Assembly	Lockstile @ 90° Astragal	135° Astragal Assembly	Lockstile @ 135° Astragal
Standard Stiles	Standard Stile	Standard Stile	Standard Stile	Standard Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile
								
Part #60 (x2)	Part #60	Part #60	Part #60 (Stile) Part #67 (Astragal)	Part #60	Part #61 (Stile) Part #118 (Corner Receiver)	Part #119 (Out.) Part #120 (In.)	Part #61 (Stile) Parts #31 & #32 (Corn. & Fxd Mount)	Part #61

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0406-07
Expiration Date 2/12/25
A. Lynn Miller
PGT Made Product Control



Revised By:	Date:	Revisions:	
JR	03/26/20	D	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
JR	02/20/14		

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



Description: DP AND ANCHORAGE			
Title: SERIES 770 ALUM. SGD-WINDOW - LMI			
Series/Model:	Scale:	Sheet:	Drawing No.
SGD-770 WINDOW	NTS	6 of 22	PGT0129
			Rev:
			D

TABLE 2:

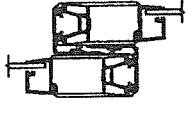
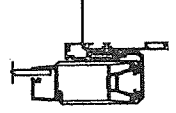
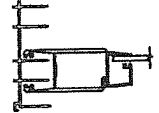
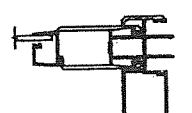
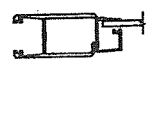
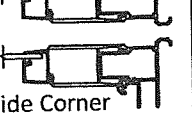
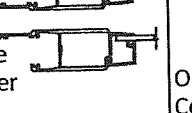
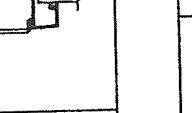
TABLE 2:																				Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)												Maximum DP for all sizes: +60 / -60 (May be limited by Table 2A)							
																				For corner astragal anchorage on 90° or 135° corner units, see sheet 11																			
Table applies to Glass types 4, 4A, 6, 6A, 7, 7A, 8 & 8A and the Stile/Astragal types shown below.				Window Height (in)																																			
				42				48				60				72				80				96															
				31-7/8" DLO				37-7/8" DLO				49-7/8" DLO				61-7/8" DLO				69-7/8" DLO				85-7/8" DLO															
				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 (in)	24	17" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1											
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8											
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8										
	36	29" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1											
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8											
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8										
	42	35" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1											
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	8											
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8										
	48	41" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2											
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	10	8	8	8											
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8										
54	47" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2												
		Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	10	8	8	8												
		P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8											
60	53" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2												
		Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	10	8	8	8												
		P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8											

FOR EXAMPLE ON USING TABLE, SEE SHEET 8.

NOTES:

- 1) POSITIVE PRESSURES IN TABLE 2 ARE BASED ON THE USE OF THE 3-1/4" SILL.
- 2) WHEN USING THE 2-1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 3-1/4" OR 4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX. (NEGATIVE PRESSURES UNCHANGED). SEE TABLE 2A.
- 3) ONLY THE 2-1/2", 3-1/4" AND 4" SILL HEIGHTS HAVE BEEN TESTED FOR WATER INFILTRATION RESISTANCE. THE 1-1/2" SILL HAS NOT AND MAY ONLY BE USED IN A PASS-THRU WINDOW WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED DUE TO ROOF OVERHANG CONDITIONS. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 2 MAY BE USED WHEN THE WINDOW IS USED AS A PASS-THRU WINDOW.
- 4) SEE SHEETS 10-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5) WINDOW SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
- 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

THE FOLLOWING STILE & ASTRAGAL TYPES SHALL BE USED FOR TABLE 2, SEE SHEETS 21 & 22 FOR PART DIMENSIONS AND SHEETS 18 & 19 FOR ASSEMBLY DETAILS.

Interlock	P-hook	Lockstile @ Jamb	Straight Astragal Assembly	Lockstile @ Straight Astragal	90° Astragal Assembly	Lockstile @ 90° Astragal	135° Astragal Assembly	Lockstile @ 135° Astragal
Heavy-duty Stiles	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile
								
Part #61 (x2)	Part #61	Part #61	Part #61 (Stile) Part #67 (Astragal)	Part #61	Part #61 (Stile) Part #118 (Corner Receiver)	Part #119 (Out.) Part #120 (In.)	Part #61 (Stile) Parts #31 & #32 (Corn. & Fxd Mount)	Part #61

Revised By:	Date:	Revisions:	
JR	03/26/20	D	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
JR	02/20/14		

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296



Description:

DP AND ANCHORAGE

Title:

SERIES 770 ALUM. SGD-WINDOW - LMI

Series/Model:

SGD-770 WINDOW

Scale:

NTS

Sheet:

7 of 22

Drawing No.

PGT0129

Rev:

D

TABLE 2A:

Sill Height to Max. (+) DP (Water Infiltration Rating)	
Sill Riser Height (Flat or Box, see Sheet 17)	(+) Design Pressure, psf
Flush - 1-1/2"	see note 3
Low - 2-1/2"	+ 46.67
Medium - 3-1/4"	+ 60.0
High - 4"	+ 60.0

SEE NOTES 1-3

DLO WIDTH =
NOM. PANEL WIDTH - 7"DLO HEIGHT =
WINDOW UNIT HEIGHT - 10.125"PANEL HEIGHT =
WINDOW UNIT HEIGHT - 1.866"

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 20-0406-07
Expiration Date 2/12/25
Anthony L. Miller
Professional Engineer

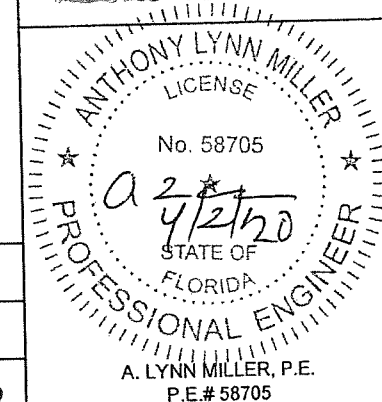


TABLE 3:

TABLE 3:																				Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3) For corner astragal anchorage on 90° or 135° corner units, see sheet 11																Maximum DP for all sizes: +90 / -90 (May be limited by Table 3A)							
Table applies to Glass types 4, 4A, 6, 6A, 7, 7A, 8 & 8A and the Stile/Astragal types shown below.				Window Unit Height (in)																																							
				42				48				60				72				80				96																			
				31-7/8" DLO				37-7/8" DLO				49-7/8" DLO				61-7/8" DLO				69-7/8" DLO				85-7/8" DLO																			
				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 (in)	24	17" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1																
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8																
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7															
	36	29" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C5+1	C5+1	C4+1	C4+1															
			Jamb	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	10	8	8	8	12	10	8	8																
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	8+9	8+9	8+9	8+9														
	42	35" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C5+2	C5+2	C5+2	C5+2															
			Jamb	4	4	4	4	6	6	6	6	8	6	6	6	8	8	8	8	10	8	8	8	12	10	8	8																
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	8+9	8+9	8+9	8+9																
	48	41" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C5+2	C5+2	C4+2	C4+2	C6+2	C6+2	C5+2	C5+2																	
			Jamb	4	4	4	4	6	6	6	6	8	6	6	6	10	8	8	8	10	8	8	8	14	12	8	8																
			P-Hook	4+5	4+5	4+5	4+5	4+5	4+5	4+5	4+5	5+6	5+6	5+6	5+6	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	9+10	9+10	9+10	9+10																

A) +/- 90.0 PSF FOR GLASS TYPES 4, 4A, 6, 6A, 7A, 8 & 8A; +/-87.1 FOR GLASS TYPE 7.

NOTES:

- 1) POSITIVE PRESSURES IN TABLE 3 ARE BASED ON THE USE OF THE 4" SILL.
- 2) WHEN USING THE 2-1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 3-1/4", POSITIVE WATER DP IS 60.0 PSF MAX. WHEN USING THE 4" SILL, POSITIVE WATER DP IS 90.0 PSF MAX. (NEGATIVE PRESSURES UNCHANGED). SEE TABLE 3A.
- 3) ONLY THE 2-1/2", 3-1/4" AND 4" SILL HEIGHTS HAVE BEEN TESTED FOR WATER INFILTRATION RESISTANCE. THE 1-1/2" SILL HAS NOT AND MAY ONLY BE USED IN A PASS-THRU WINDOW, WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED DUE TO ROOF OVERHANG CONDITIONS. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 3 MAY BE USED WHEN THE WINDOW IS USED AS A PASS-THRU WINDOW.
- 4) SEE SHEETS 10-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5) WINDOW SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
- 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

TABLE 3A:

Sill Height to Max. (+) DP (Water Infiltration Rating)	
Sill Riser Height (Flat or Box, see Sheet 17)	(+) Design Pressure, psf
Flush - 1-1/2"	see note 3
Low - 2-1/2"	+ 46.67
Medium - 3-1/4"	+ 60.0
High - 4"	+ 90.0

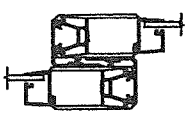
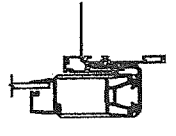
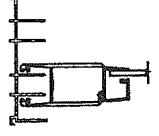
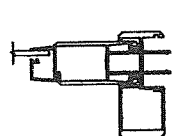
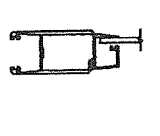
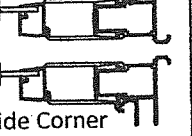
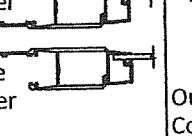
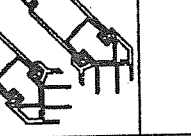
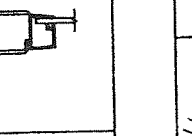
SEE NOTES 1-3

DLO WIDTH =
NOM. PANEL WIDTH - 7"

DLO HEIGHT =
WINDOW UNIT HEIGHT - 10.125"

PANEL HEIGHT =
WINDOW UNIT HEIGHT - 1.866"

THE FOLLOWING STILE & ASTRAGAL TYPES SHALL BE USED FOR TABLE 3, SEE SHEETS 21 & 22 FOR PART DIMENSIONS AND SHEETS 18 & 19 FOR ASSEMBLY DETAILS.

Interlock	P-hook	Lockstile @ Jamb	Straight Astragal Assembly	Lockstile @ Straight Astragal	90° Astragal Assembly	Lockstile @ 90° Astragal	135° Astragal Assembly	Lockstile @ 135° Astragal
Heavy-duty Stiles	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty Stile
								
Part #61 (x2)	Part #61	Part #61	Part #61 (Stile) Part #68 (Astragal)	Part #61	Part #61 (Stile) Part #118 (Corner Receiver)	Part #119 (Out.) Part #120 (In.)	Part #61 (Stile) Parts #31 & #32 (Corn. & Fxd Mount)	Part #61

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



Description:

DP AND ANCHORAGE

Title:

SERIES 770 ALUM. SGD-WINDOW - LMI

Series/Model:

SGD-770 WINDOW

Scale:

NTS

Sheet:

8 of 22

Drawing No.

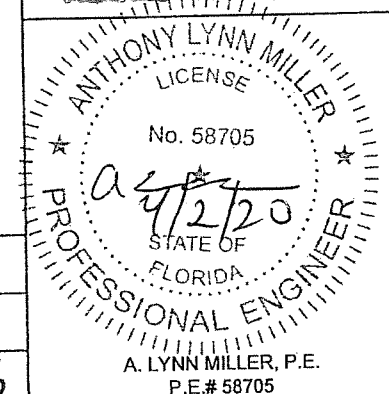
PGT0129

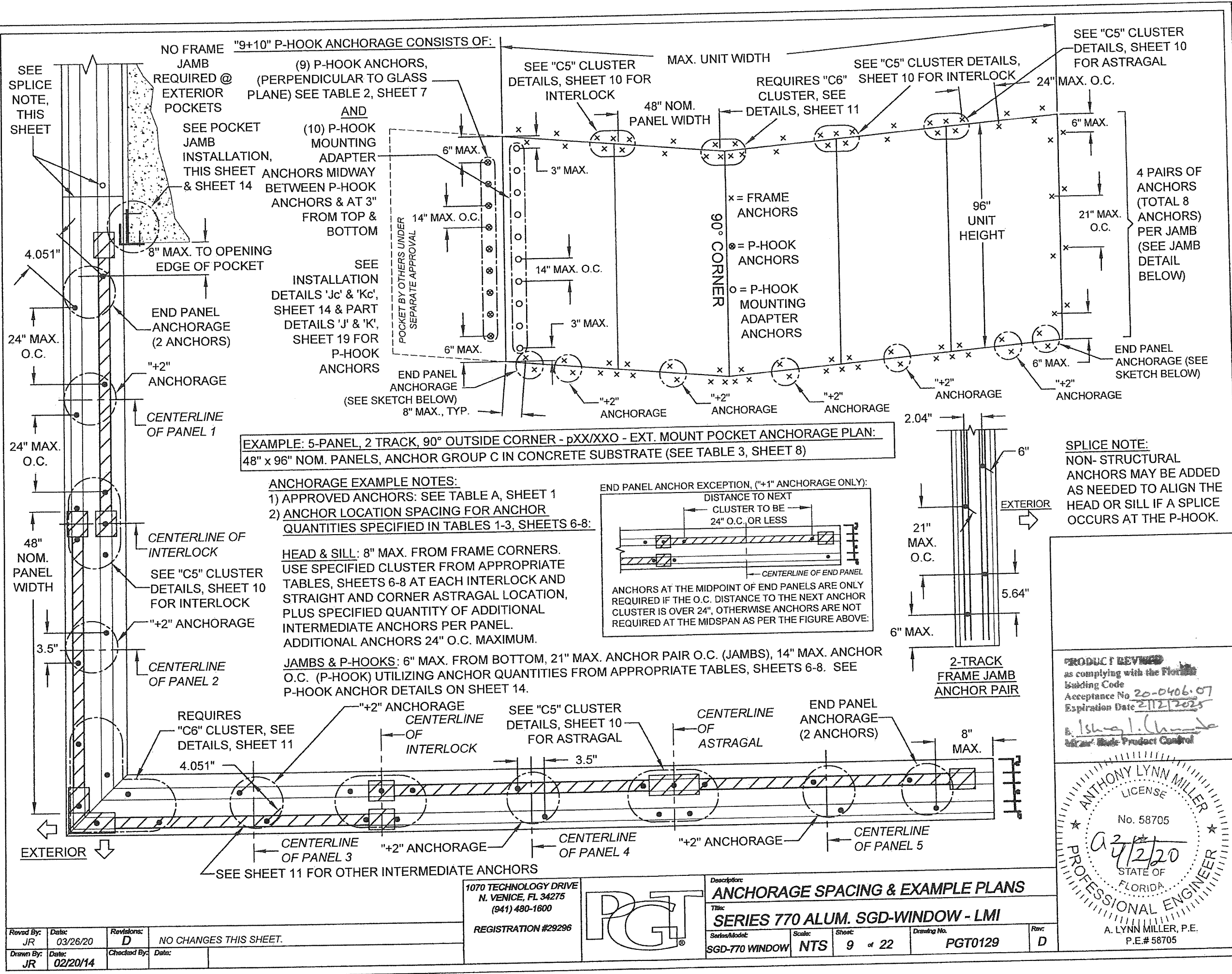
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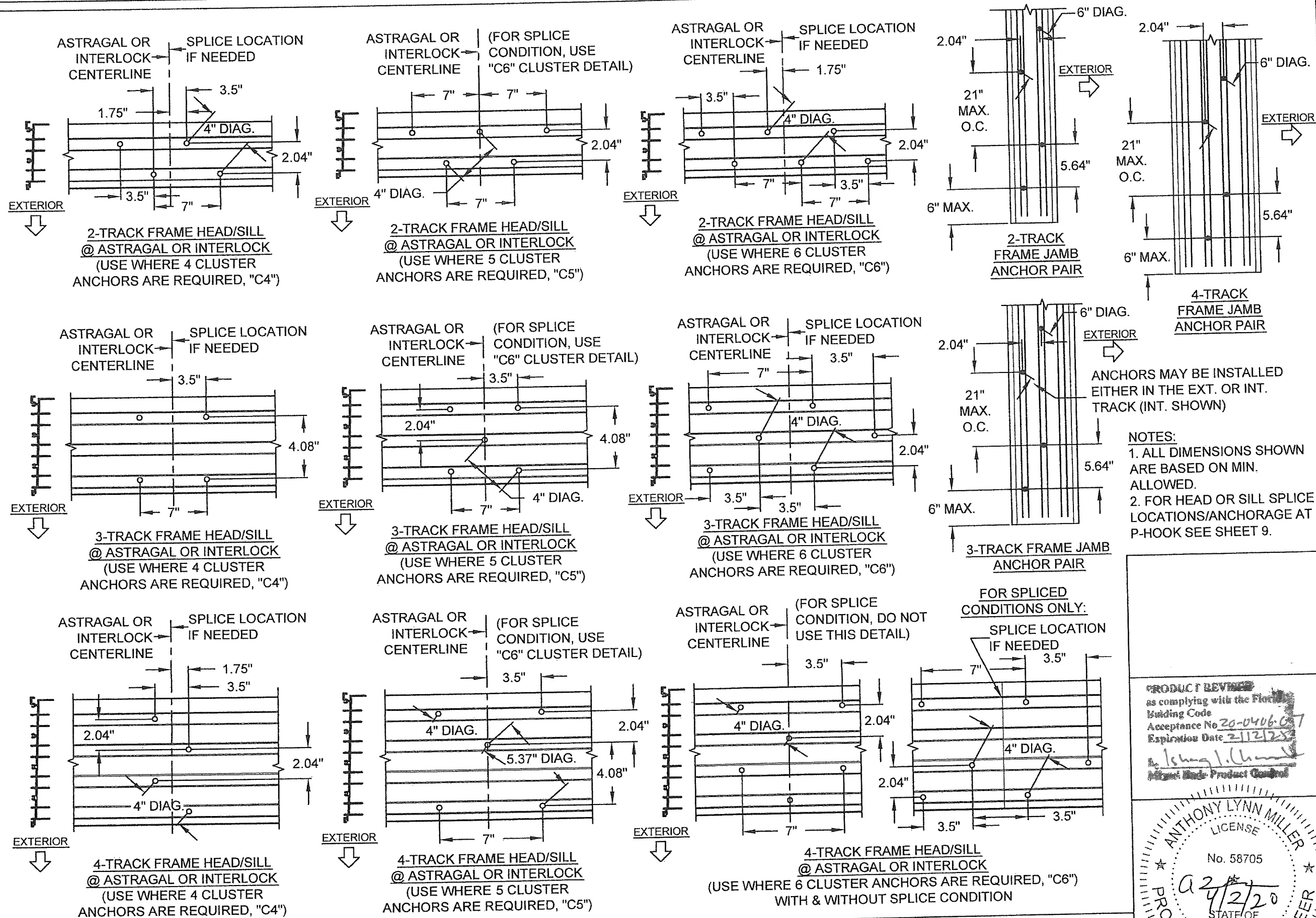
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JR	03/26/20	D	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
JR	02/20/14		

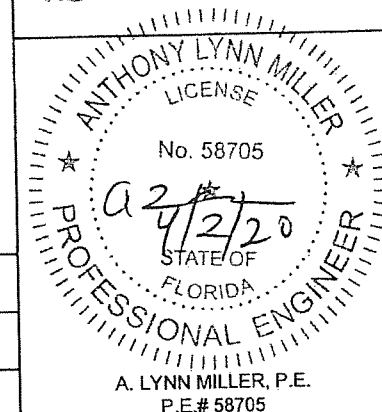
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 200406-07
Expiration Date 2/12/25
Anthony L. Miller
Professional Engineer







PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No 20-0406-07
Expiration Date 2/12/25
Anthony Lynn Miller
Miami Made Product Control

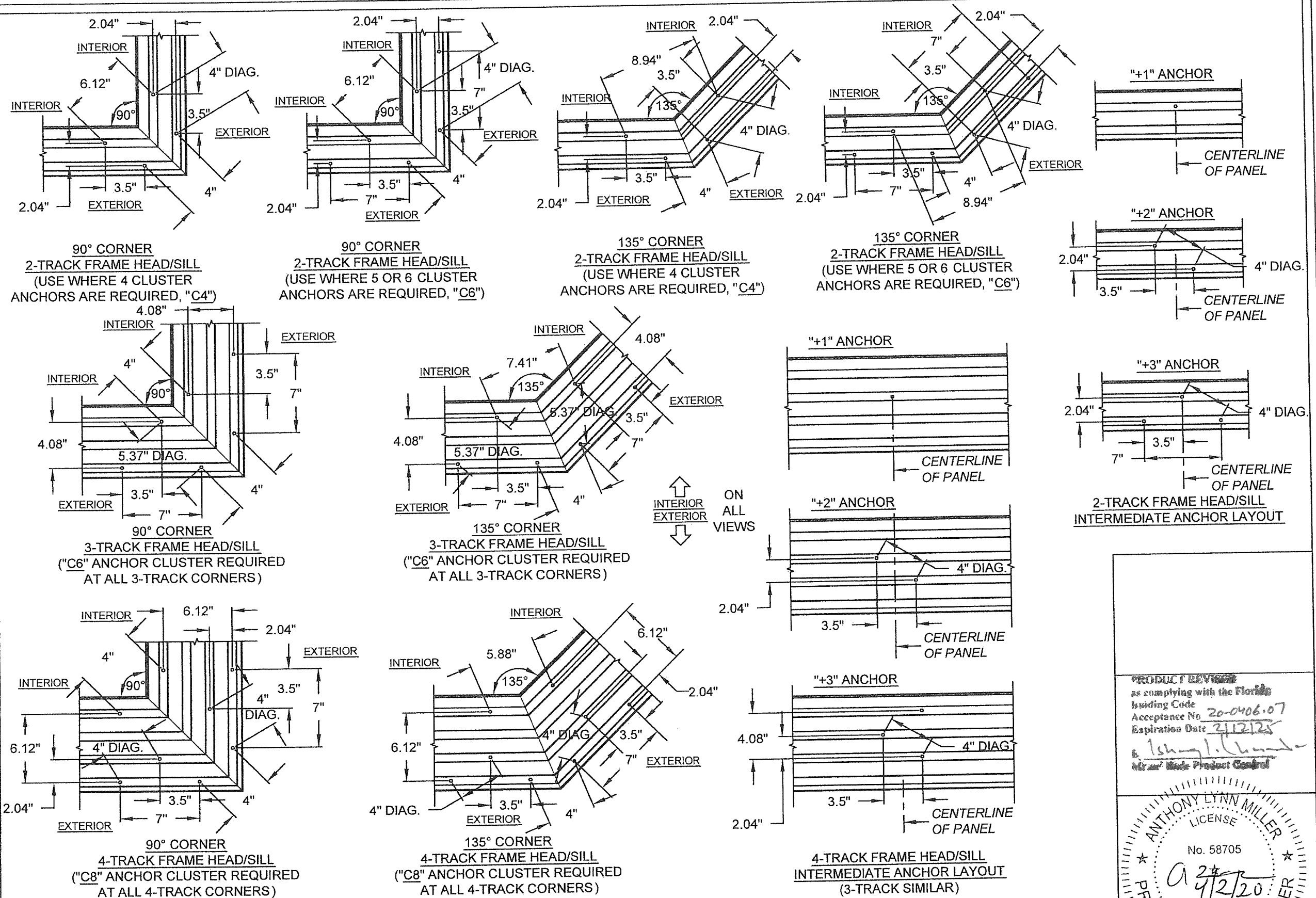


Revised By:	Date:	Revisions:	
JR	03/26/20	D	NO CHANGES THIS SHEET.
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JR	02/20/14		

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



Description:
ANCHORAGE, EXAMPLE CLUSTERS
Title:
SERIES 770 ALUM. SGD-WINDOW - LMI
Series/Model: SGD-770 WINDOW Scale: NTS Sheet: 10 of 22 Drawing No.: PGT0129 Rev: D



NOTES:

1. ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
2. DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE IDENTICAL FOR EXTERIOR OR INTERIOR CORNER CONFIGURATIONS.

Revised By: JR	Date: 03/26/20	Revisions: D	NO CHANGES THIS SHEET.
Drawn By: JR	Date: 02/20/14	Checked By:	Date:

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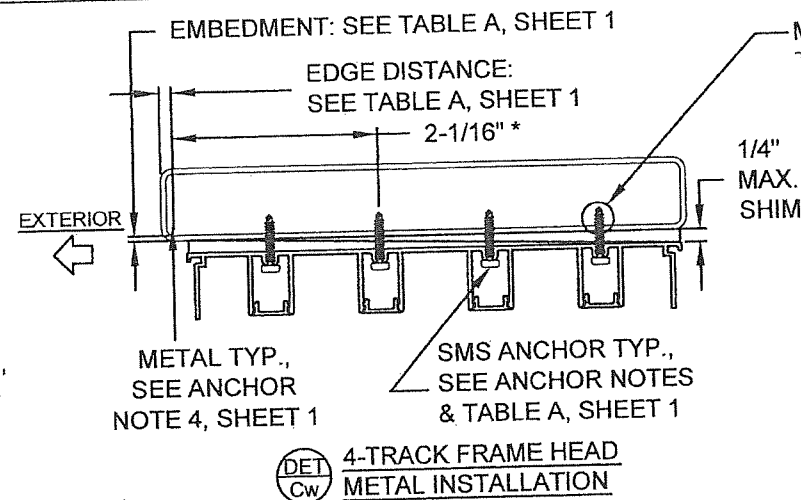
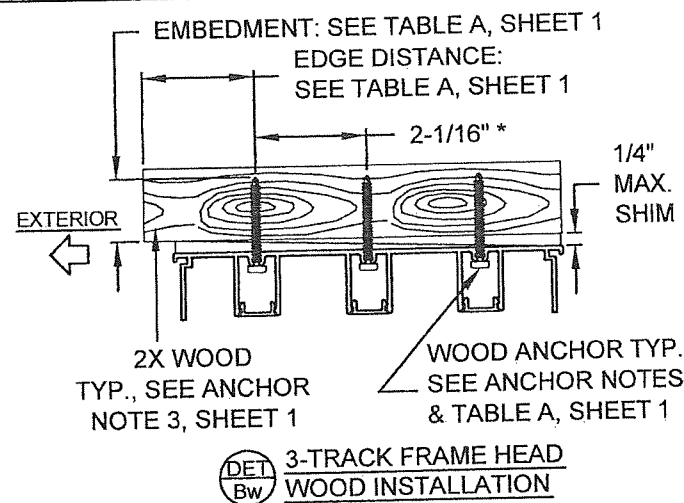
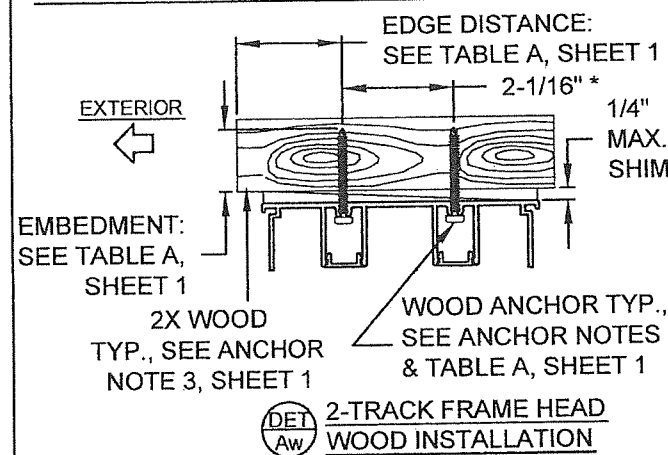
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Title: SERIES 770 ALUM. SGD-WINDOW - LMI	Series/Model: SGD-770 WINDOW			

PRODUCT REVIEW
as complying with the Florida
Building Code
Acceptance No. 20-0406-07
Expiration Date 2/12/25
A. Lynn Miller
Mr. Mike Product Control

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

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

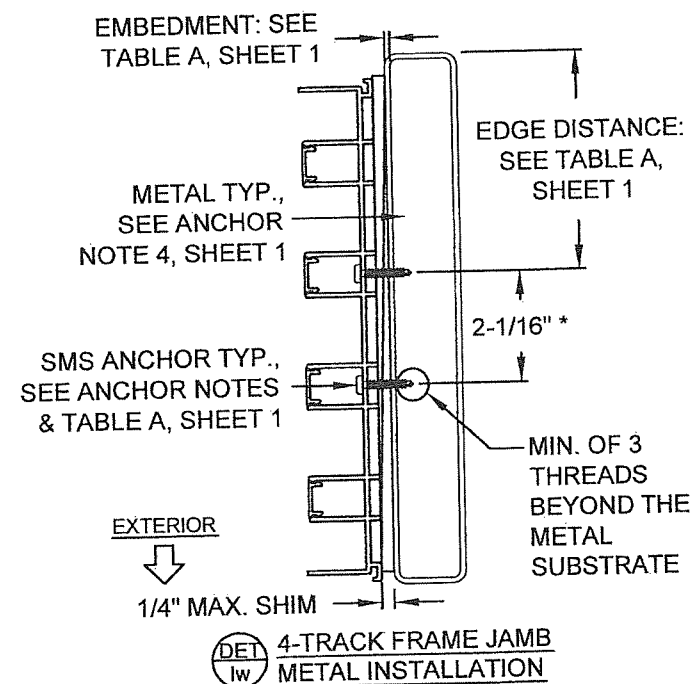
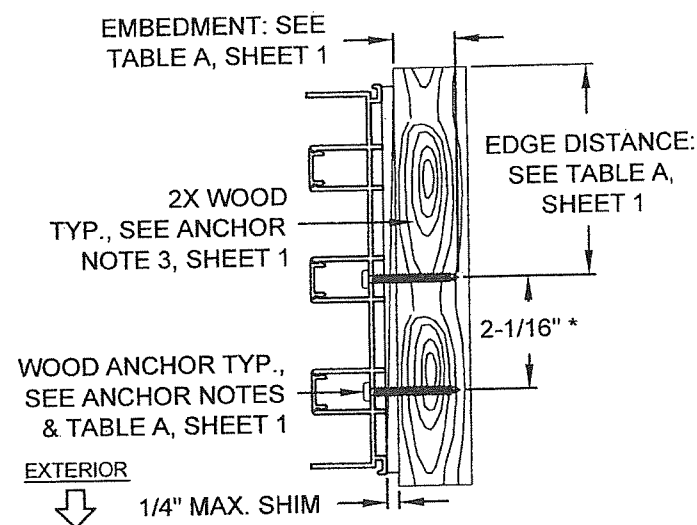
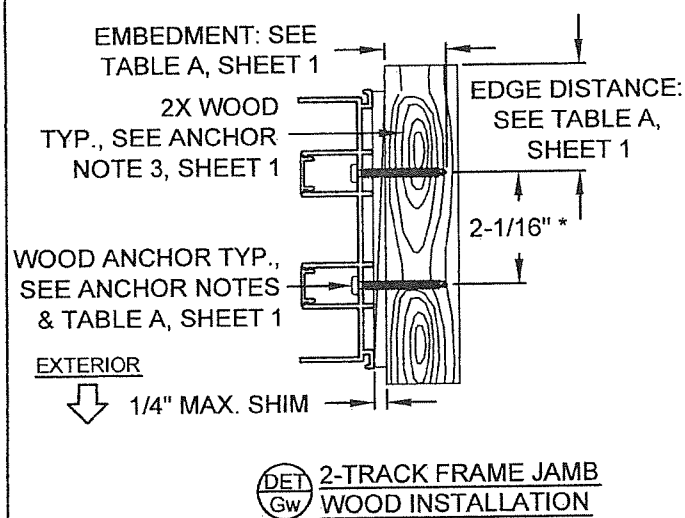
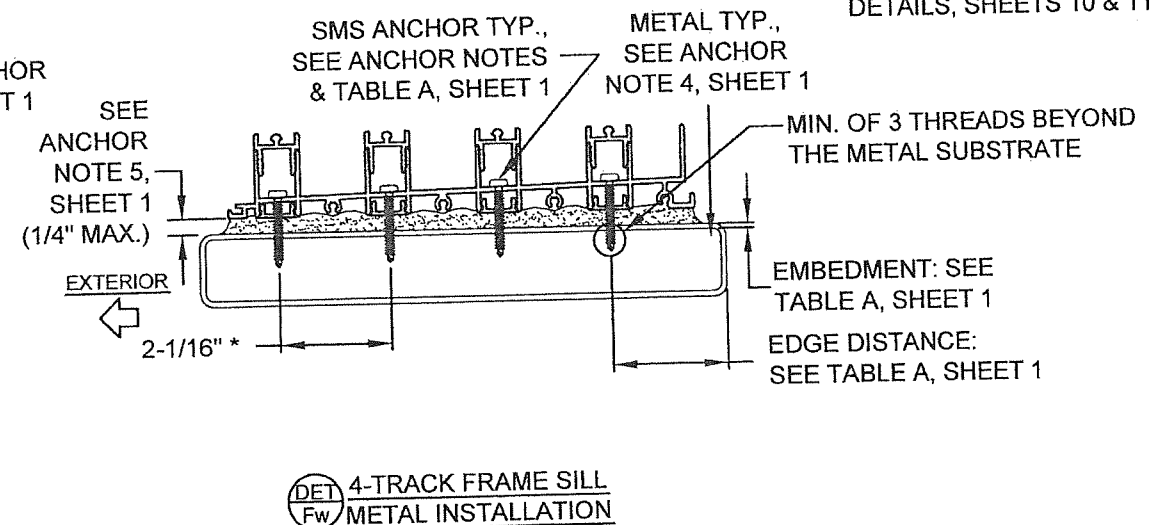
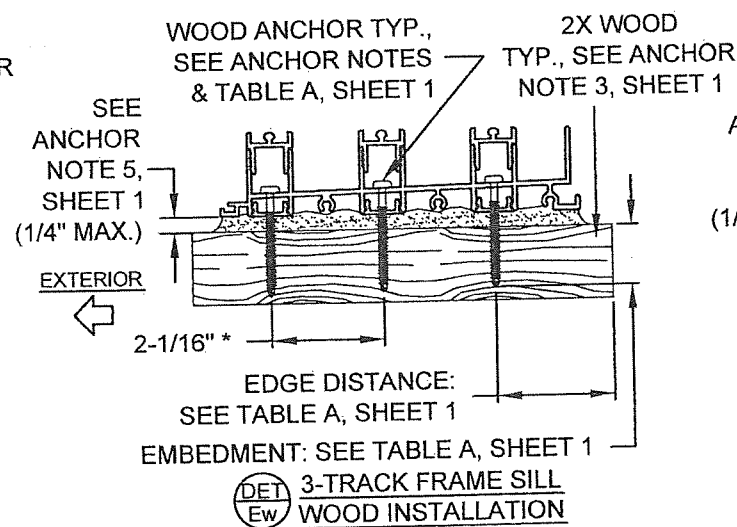
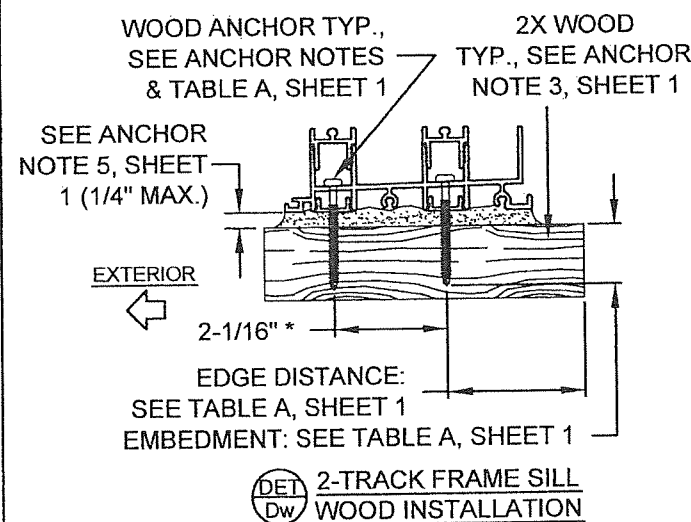
INSTALLATION DETAILS



NOTES:

1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
2. METAL OR WOOD SUBSTRATES MAY BE USED FOR ALL FRAME TYPES PER TABLE A, SHEET 1.

* DIAGONAL O.C. IS MIN 4" (HEAD & SILL) OR 6" (JAMB) SEE DETAILS, SHEETS 10 & 11.



PRODUCED & REVIEWED
as complying with the Florida
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Acceptance No. 20-0406-07
Expiration Date 2/12/25
A. Lynn Miller
Product Control

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

Revised By: JR Date: 03/26/20 Revisions: D NO CHANGES THIS SHEET.
Drawn By: JR Date: 02/20/14 Checked By: Date:

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

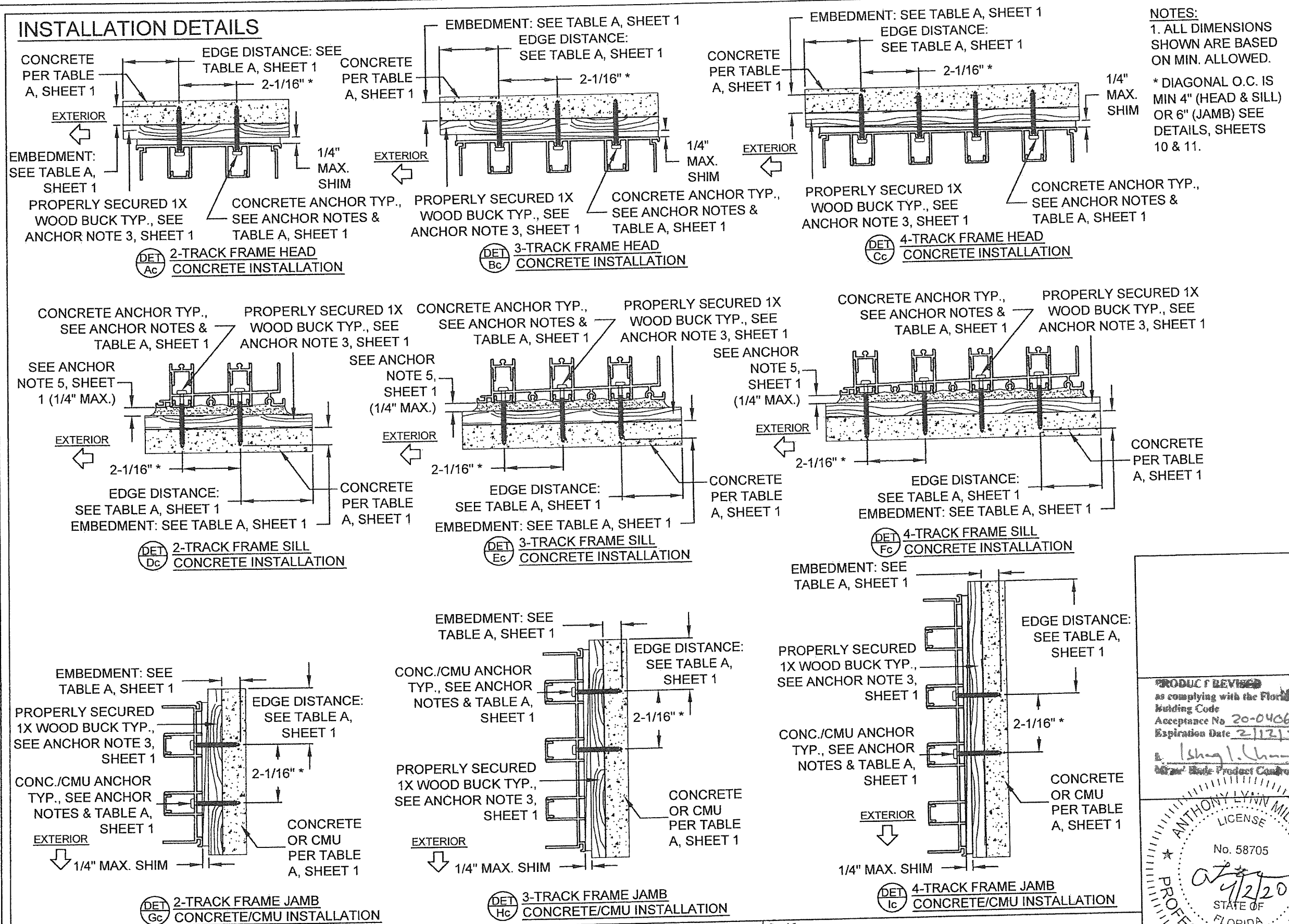


Description: ANCHORAGE DETAILS

Title: SERIES 770 ALUM. SGD-WINDOW - LMI

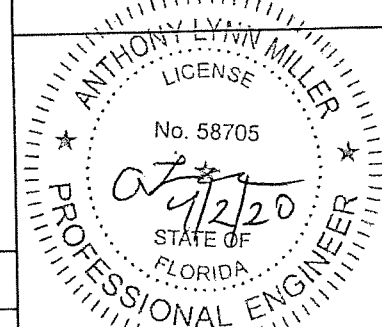
Series/Model: SGD-770 WINDOW Scale: NTS Sheet: 12 of 22 Drawing No. PGT0129 Rev: D

INSTALLATION DETAILS



NOTES:
 1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
 * DIAGONAL O.C. IS MIN 4" (HEAD & SILL) OR 6" (JAMB) SEE DETAILS, SHEETS 10 & 11.

PRODUCT REVISED
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 A. Lynn Miller
 Master's Trade Product Control



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

Revised By: JR Date: 03/26/20 Revisions: D NO CHANGES THIS SHEET.
 Drawn By: JR Date: 02/20/14 Checked By: Date:

1070 TECHNOLOGY DRIVE
 N. VENICE, FL 34275
 (941) 480-1600

REGISTRATION #29296



Description:

ANCHORAGE DETAILS

Title:

SERIES 770 ALUM. SGD-WINDOW - LMI

Series/Model:

SGD-770 WINDOW

Scale:

NTS

Sheet:

13 of 22

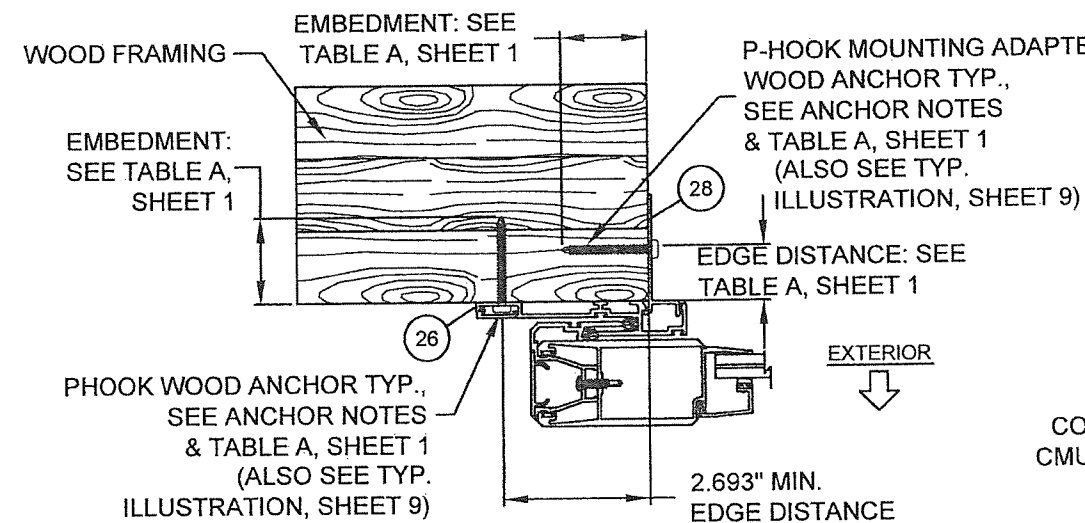
Drawing No.

PGT0129

Rev:

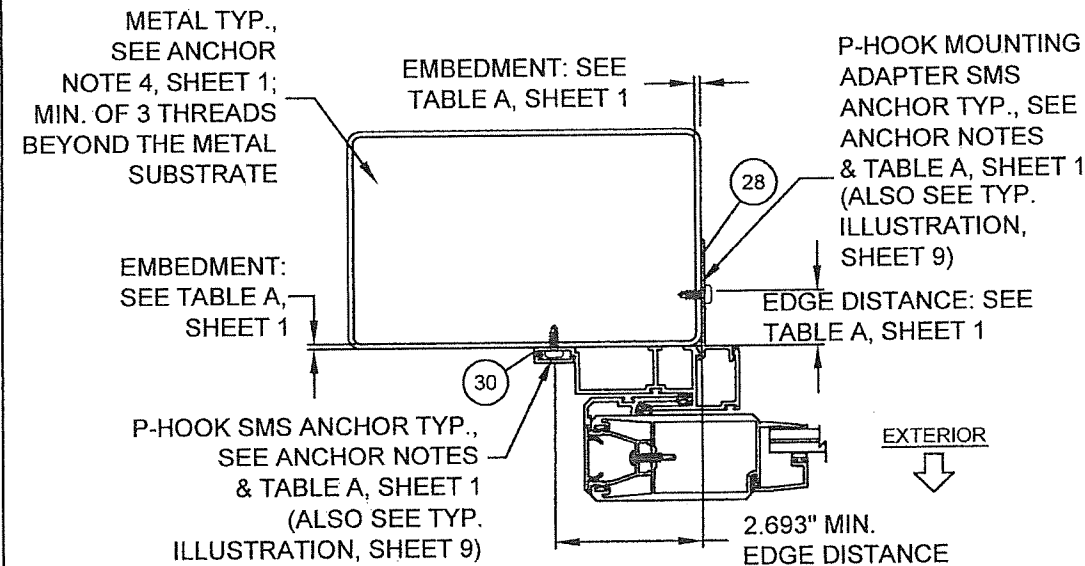
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INSTALLATION DETAILS



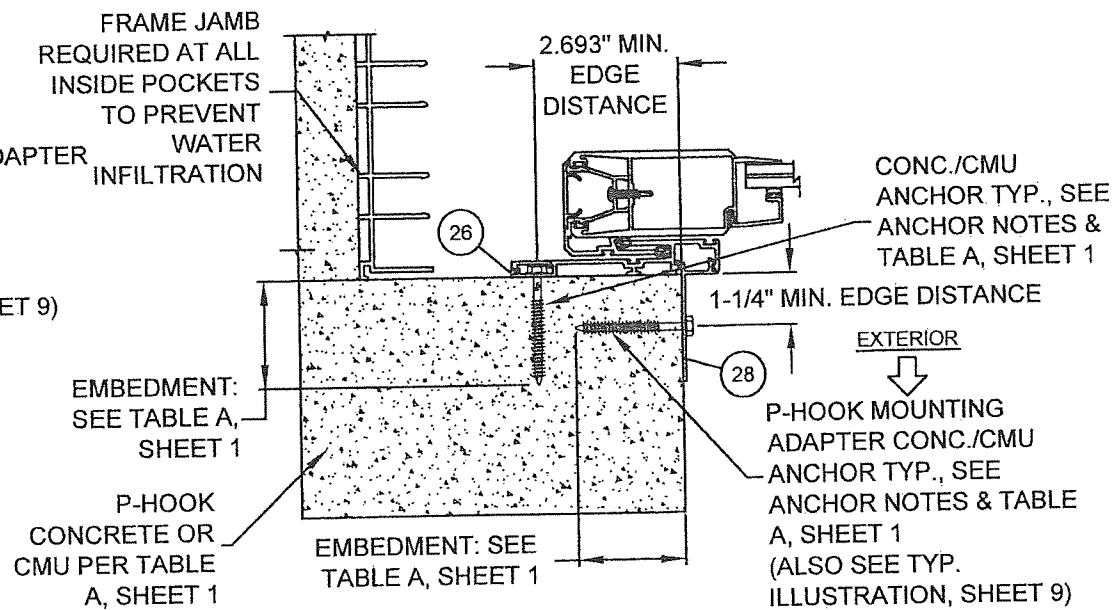
DET Jw P-HOOK FOR USE WITH FLAT SILL RISERS
PARTS #18, #20, #22 OR #24,
WOOD INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS)

EXTERIOR MOUNT SHOWN,
MAY ALSO BE INSTALLED IN
INTERIOR CONDITION



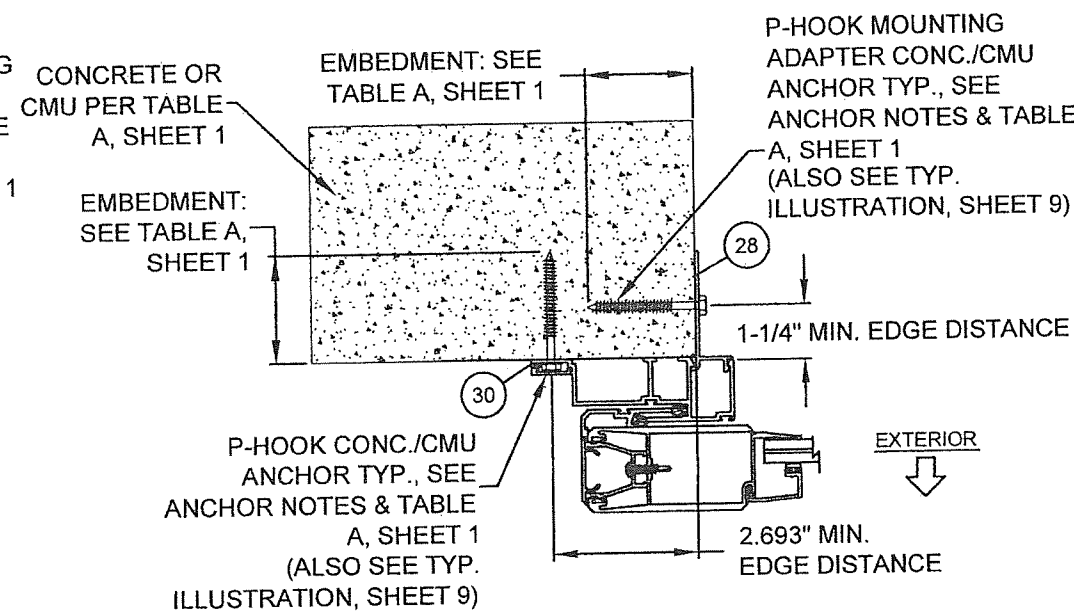
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PARTS #19, #21, #23 OR #25,
METAL INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS)

EXTERIOR
MOUNT
ONLY



DET Jc P-HOOK FOR USE WITH ANY SILL RISER
PARTS #18, #20, #22 OR #24,
CONCRETE/CMU INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS)

INTERIOR MOUNT SHOWN,
MAY ALSO BE INSTALLED IN
EXTERIOR CONDITION



DET Kc P-HOOK FOR USE WITH BOX SILL RISERS
PARTS #19, #21, #23 OR #25,
CONCRETE INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS)

EXTERIOR
MOUNT
ONLY

NOTES:
1. ALL DIMENSIONS
SHOWN ARE BASED
ON MIN. ALLOWED.

2. FIGURES ON THIS
SHEET ARE FOR
ILLUSTRATIVE
PURPOSES ONLY. SEE
TABLE A, SHEET 1 FOR
ALL APPROVED
SUBSTRATES.

3. SEE TABES 1-3,
SHEETS 6-8 FOR
REQUIRED P-HOOK
AND P-HOOK
MOUNTING ADAPTER
ANCHOR QUANTITIES.
ALSO SEE EXAMPLE
ON SHEET 9.

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 20-0406-07
Expiration Date 2/12/25
A. Lynn Miller
Professional Engineer

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

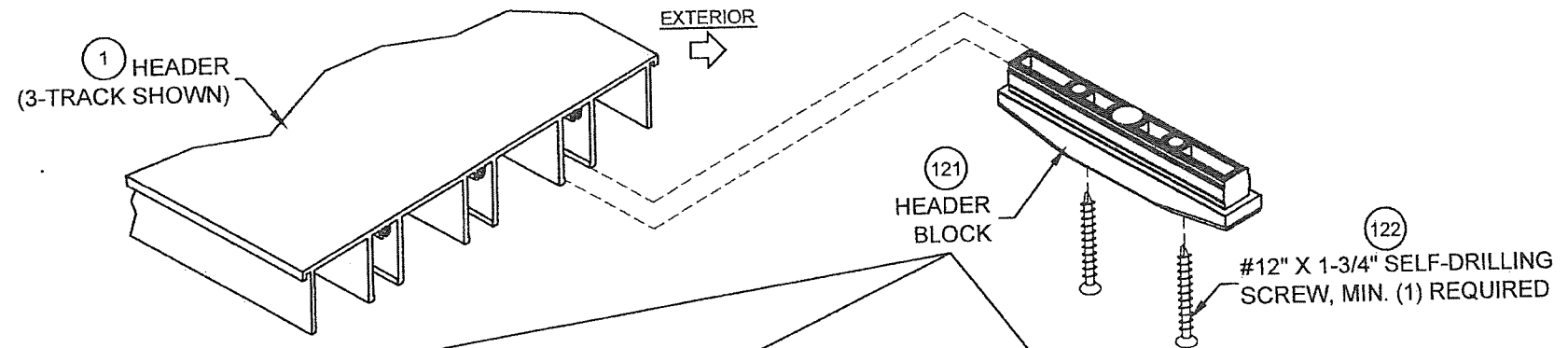
Revised By:	Date:	Revisions:	
JR	03/26/20	D	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
JR	02/20/14		

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

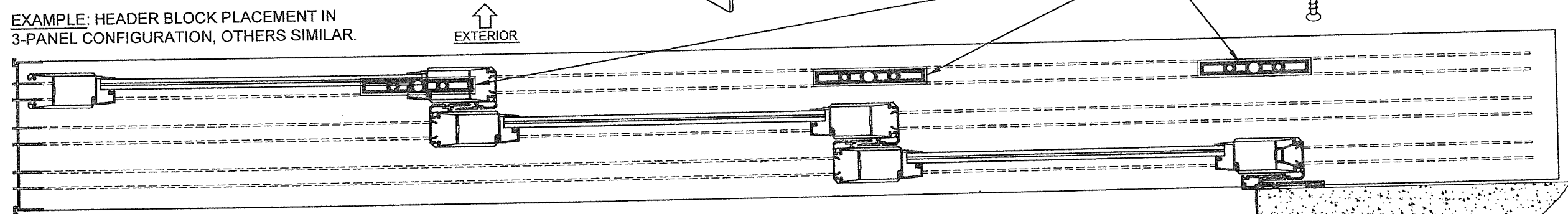


Description:
ANCHORAGE DETAILS
Title:
SERIES 770 ALUM. SGD-WINDOW - LMI
Series/Model: SGD-770 WINDOW Scale: NTS Sheet: 14 of 22 Drawing No. PGT0129 Rev: D

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.

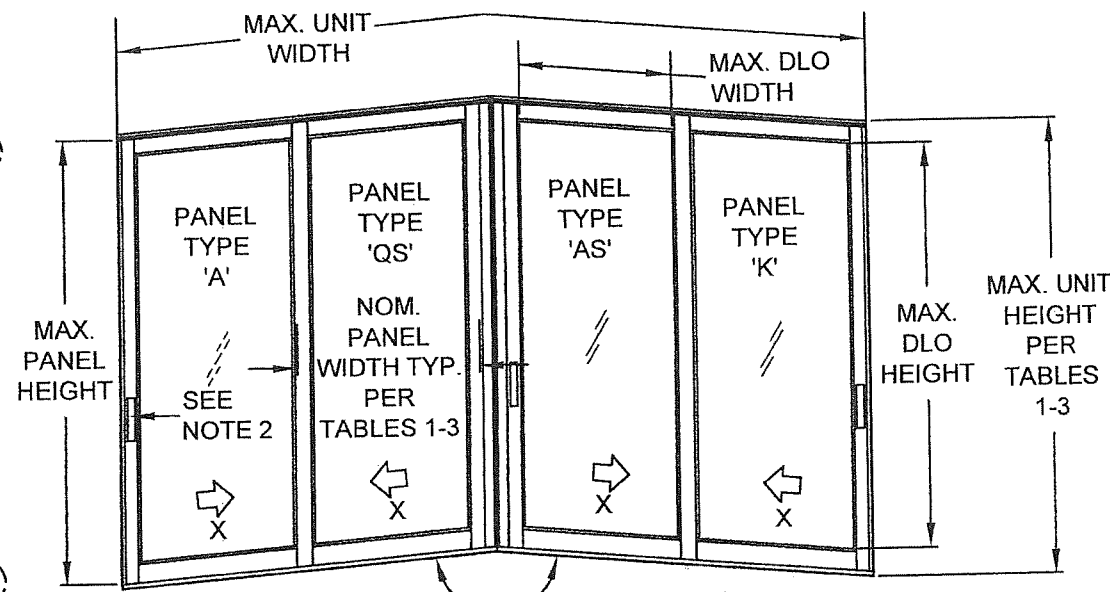


EXAMPLE: HEADER BLOCK PLACEMENT IN 3-PANEL CONFIGURATION, OTHERS SIMILAR.

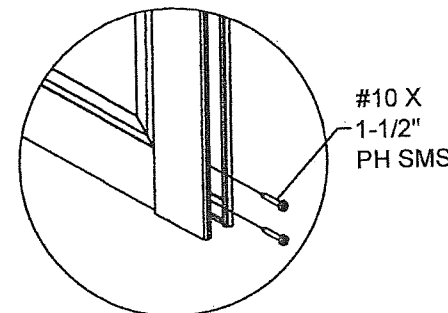
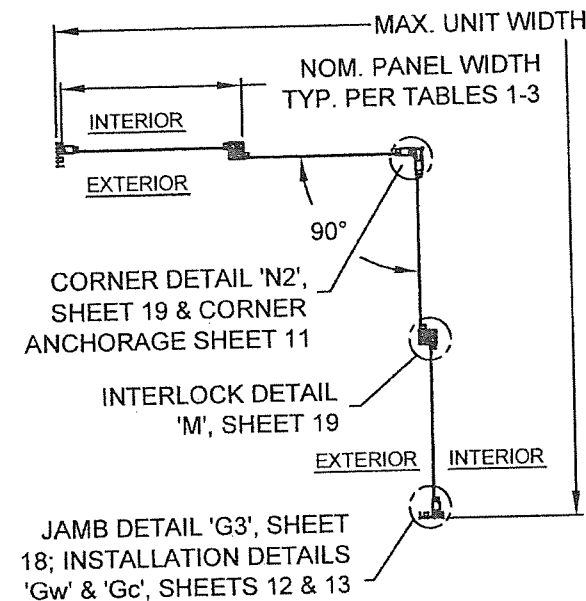


HEADER
DETAIL 'A',
SHEET 18;
INSTALLATION
DETAILS
'Aw' & 'Ac',
SHEETS 12
& 13

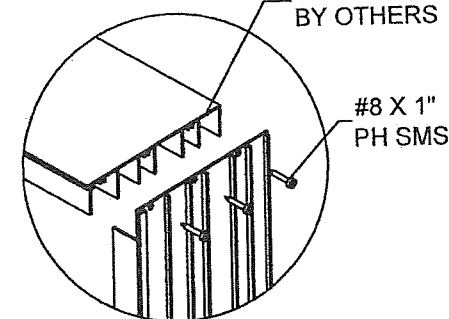
SILL
DETAIL 'D',
SHEET 18;
INSTALLATION
DETAILS
'Dw' & 'Dc',
SHEETS 12
& 13



EXAMPLE: 90° INSIDE CORNER, 4 PANELS - XX/XX



**PANEL CORNER
DETAIL**



**FRAME CORNER
DETAIL**

NOTES:

- 1) SEE SHEET 17 FOR INDIVIDUAL PANEL CONFIGURATIONS AS APPLICABLE. SEE DP/ANCHOR TABLES, SHEETS 6-8 FOR MAX. PANEL HEIGHT AND WIDTH. SEE SHEETS 18 & 19 FOR SECTION DETAILS AND SHEETS 12-14 FOR INSTALLATION DETAILS.
- 2) (1) LOCK (ITEMS 75 & 107-110) AT EACH LOCKSTILE, LOCKING INTO KEEPER (ITEM 103) AT FRAME JAMB OR ASTRAGAL.
- 3) PLEASE SEE APPLICABLE ASTRAGAL & INTERLOCK COMBINATIONS PER DP/ANCHOR TABLES.

DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.866"

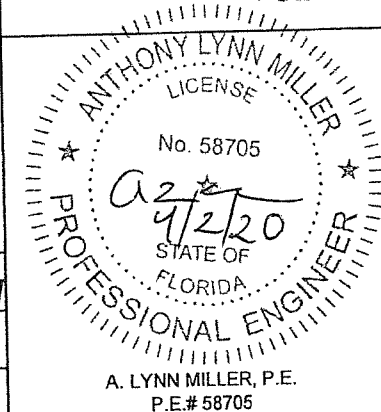
Revised By:	Date:	Revisions:	
JR	03/26/20	D	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
JR	02/20/14		

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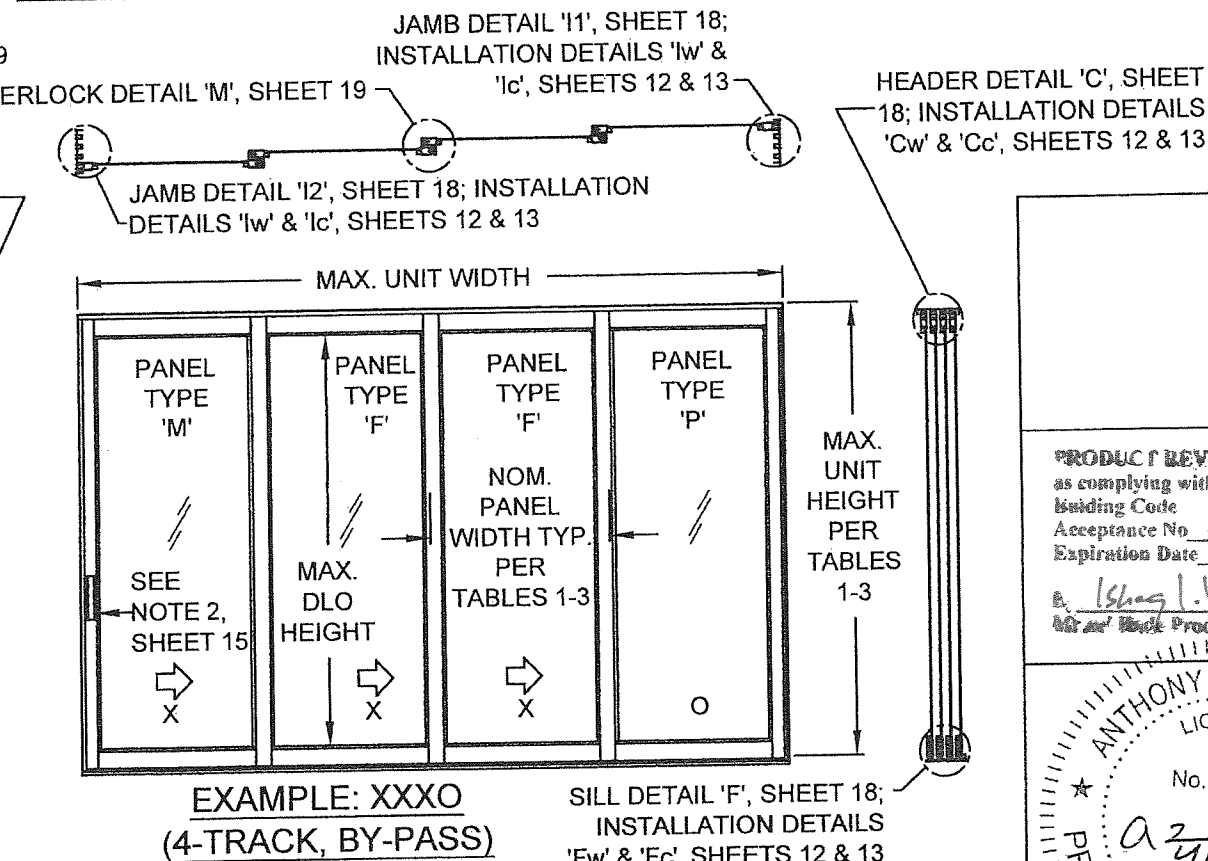
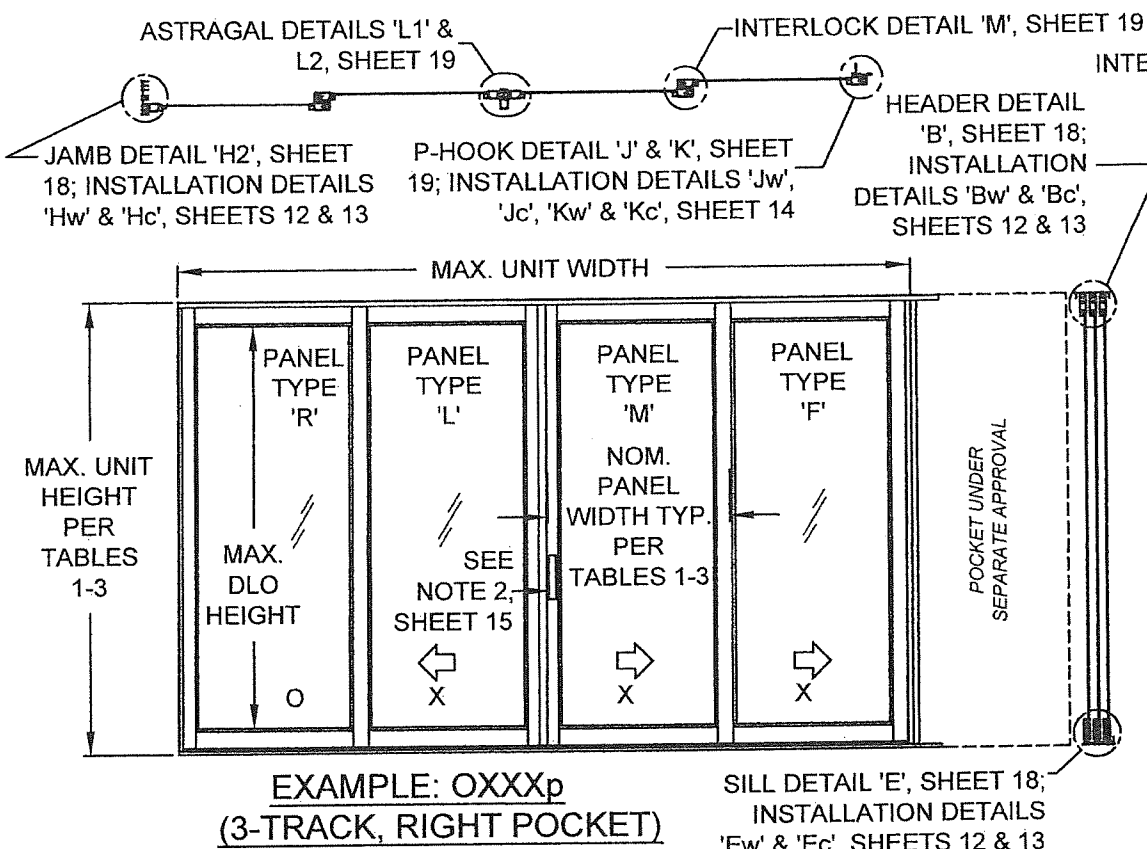
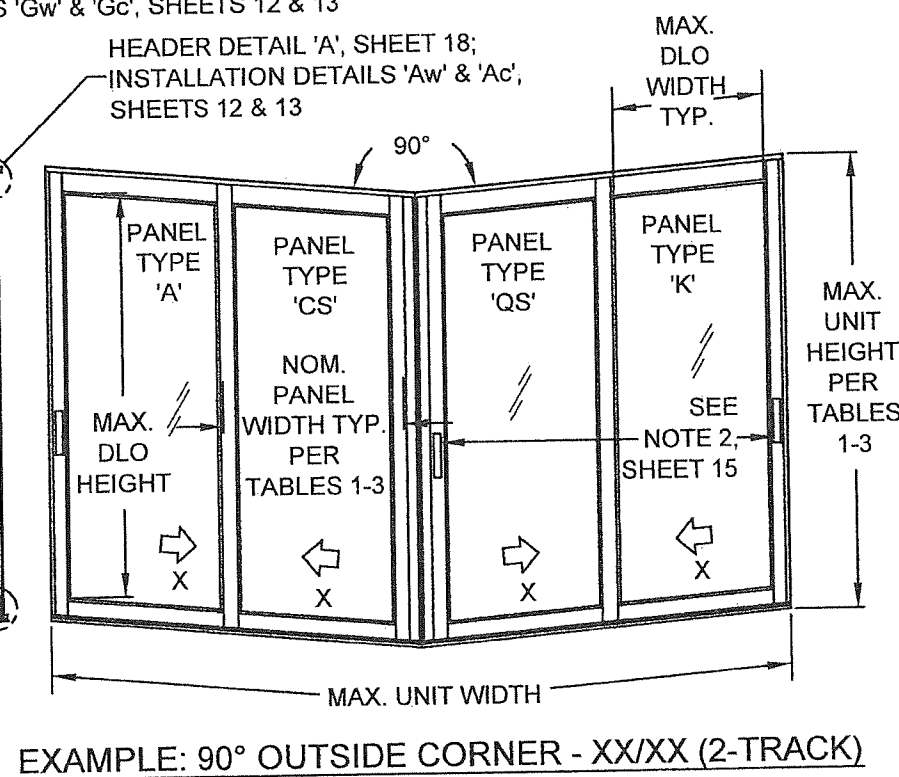
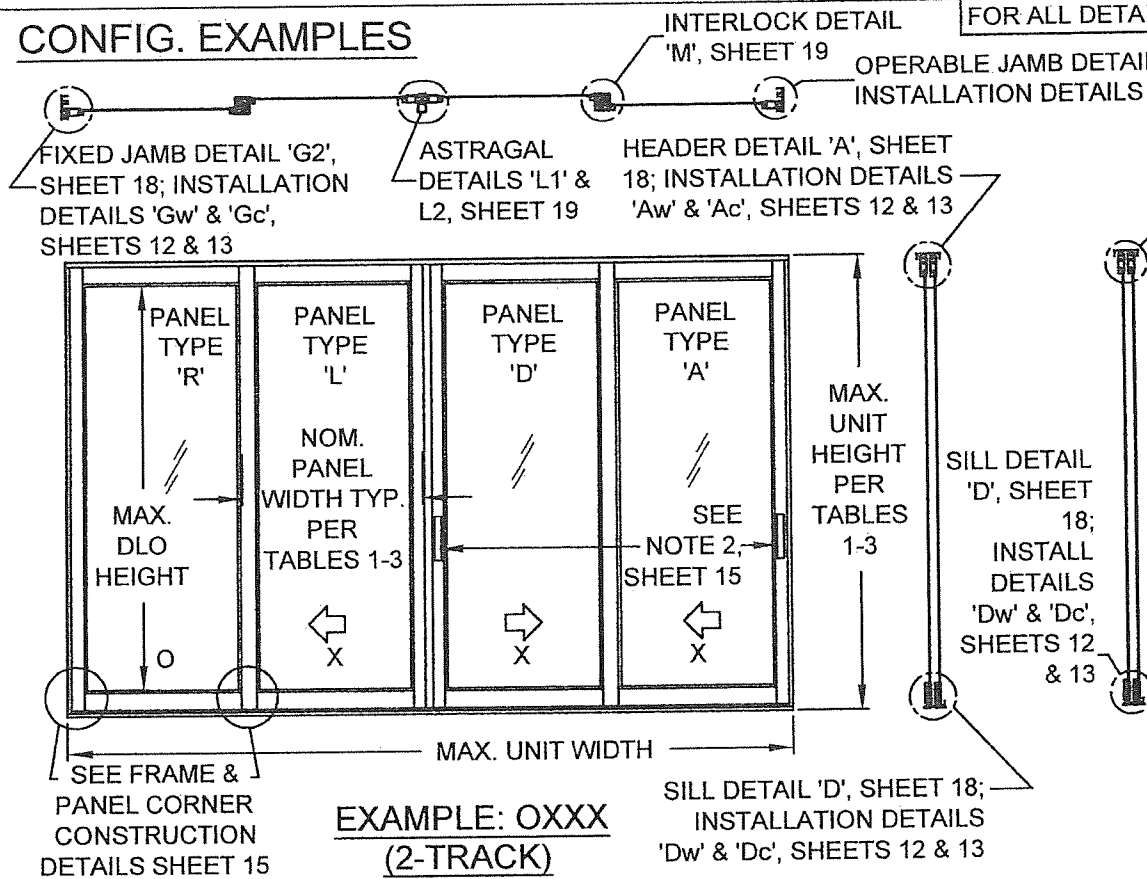
Description:			
ANCHORAGE DETAILS / EXAMPLE ELEVATION			
Title:			
SERIES 770 ALUM. SGD-WINDOW - LMI			
Series/Model:	Scale:	Sheet:	Drawing No.
SGD-770 WINDOW	NTS	15 of 22	PGT0129
Rev:			D

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 20-0406-07
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By: [Signature]
AIAA Product Control



CONFIG. EXAMPLES

FOR ALL DETAILS ON THIS SHEET, SEE NOTES ON SHEET 15



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A. Lynn Miller
PGT Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
2/12/20
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

Revised By: JR Date: 03/26/20 Revisions: D CORRECTED STACK ORDER ON CORNER, TOP VIEW.
Drawn By: JR Date: 02/20/14 Checked By: Date:

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



Description: EXAMPLE ELEVATIONS
Title: SERIES 770 ALUM. SGD-WINDOW - LMI
Series/Model: SGD-770 WINDOW Scale: NTS Sheet: 16 of 22 Drawing No. PGT0129 Rev: D

PANEL TYPES		PANEL'S RIGHT STILE TYPE														
		SINGLE INTERLOCK OUT	SINGLE INTERLOCK IN	FIXED STILE	LOCKSTILE W/ HANDLE	ASTRAGAL BOX OUT	ASTRAGAL BOX IN	ASTRAGAL BOX OUT W/ HANDLE	ASTRAGAL BOX IN W/ HANDLE	INT CORNER 90 LOCKSTILE W/ HANDLE #120	EXT CORNER 90 LOCKSTILE W/ HANDLE #119	EXT CORNER 90 RECEIVER W/ HANDLE #61 #118	INT CORNER 90 RECEIVER W/ HANDLE #61 #118	EXT CORNER 90 RECEIVER #118 #61	EXT CORNER 135 RECEIVER W/ HANDLE #61 #31	INT CORNER 135 RECEIVER W/ HANDLE #61 #31
PANEL'S LEFT STILE TYPE	SINGLE INTERLOCK OUT		F	PP	K			L (BOX OUT)		TR	TQ	TC	TA		TV	TW
	SINGLE INTERLOCK IN	B	E	P	A			C (BOX OUT)	C (BOX IN)	IC	SQ	SC	SA		SV	SW
	FIXED STILE	RR	R			S (BOX OUT)	S (BOX IN)						FD	FC	FV	FW
	LOCKSTILE W/ HANDLE	D	M			J (BOX OUT)	J (BOX IN)									
	ASTRAGAL BOX OUT W/ HANDLE	LR (BOX OUT)														
	ASTRAGAL BOX IN W/ HANDLE		N (BOX IN)													
	ASTRAGAL BOX OUT			T (BOX OUT)	U (BOX OUT)											
	ASTRAGAL BOX IN			T (BOX IN)	U (BOX IN)											
	INT CORNER 90 LOCKSTILE W/ HANDLE #120	RT	CI													
	EXT CORNER 90 LOCKSTILE W/ HANDLE #119	QT	QS													
	EXT CORNER 90 RECEIVER W/ HANDLE #118	CT	CS													
	INT CORNER 90 RECEIVER W/ HANDLE #118	AT	AS	DF												
	EXT CORNER 90 RECEIVER #61			CF												
	EXT CORNER 135 RECEIVER W/ HANDLE #61	VT	VS	VF												
	INT CORNER 135 RECEIVER W/ HANDLE #61	WT	WS	WF												

LEFT PANEL STILE

RIGHT PANEL STILE

INTERIOR

EXTERIOR

PANEL "E" SHOWN. SEE TABLE FOR OTHER PANEL TYPES AND APPLICABLE STILE/ASTRAGAL REQUIREMENTS.

SILL RISERS OPTIONS

18 SILL RISER, FLAT * FLUSH, 1-1/2"

20 SILL RISER, FLAT LOW, 2-1/2"

22 SILL RISER, FLAT MEDIUM, 3-1/4"

24 SILL RISER, FLAT HIGH, 4"

19 SILL RISER, BOX * FLUSH, 1-1/2"

21 SILL RISER, BOX LOW, 2-1/2"

23 SILL RISER, BOX MEDIUM, 3-1/4"

25 SILL RISER, BOX HIGH, 4"

* NOT VALID FOR WATER INFILTRATION RESISTANCE REQUIREMENTS, SEE SHEETS 6-8

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
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REGISTRATION #29296

PGT

Description: **PANEL TYPES**

Title: **SERIES 770 ALUM. SGD-WINDOW - LMI**

Series/Model: SGD-770 WINDOW Scale: NTS Sheet: 17 of 22 Drawing No. PGT0129 Rev: D

PRODUCT REVIEWED as complying with the Florida Building Code Acceptance No. 20-0406-07 Expiration Date 2/12/25

Anthony Lynn Miller, P.E. No. 58705

2/12/20

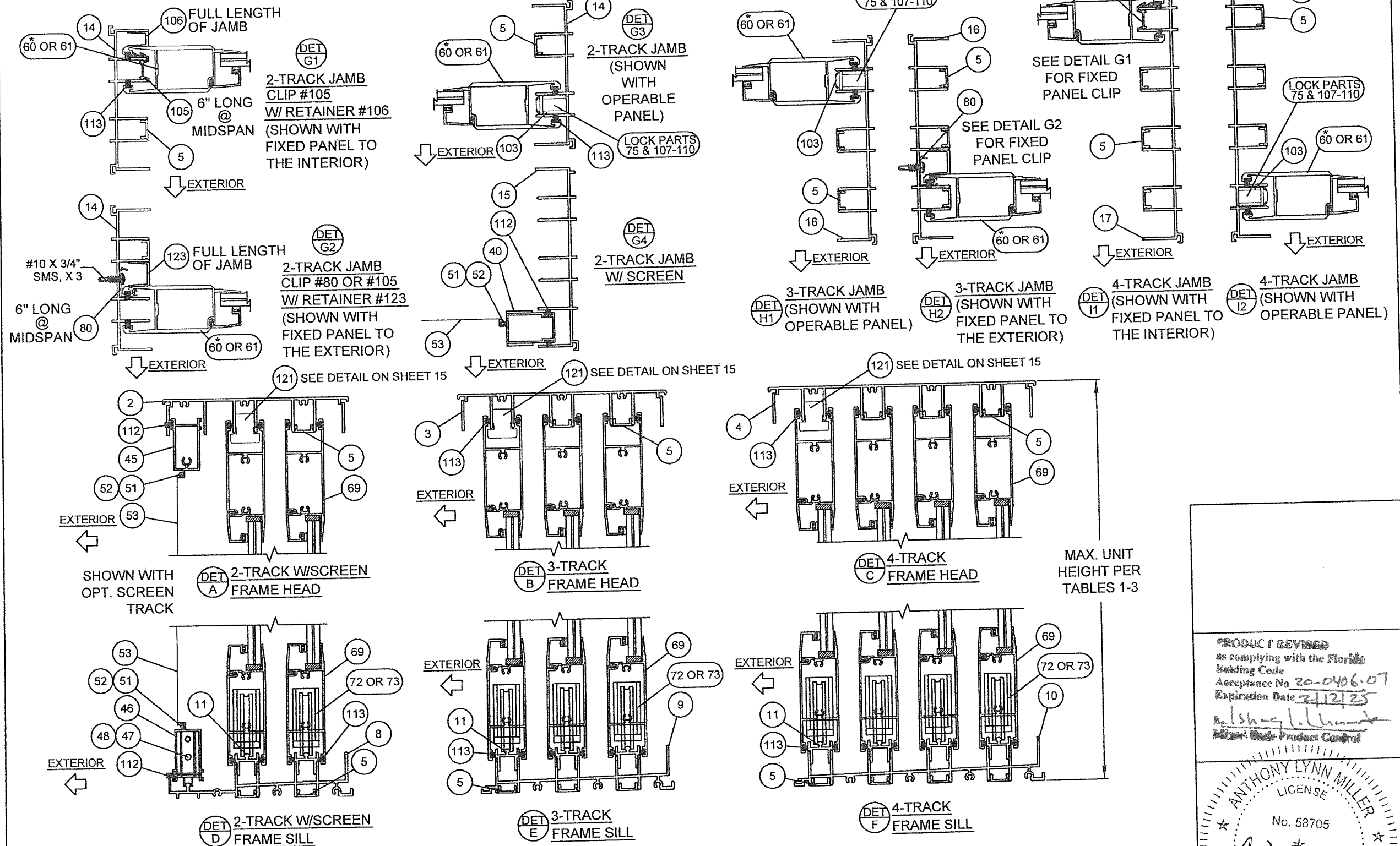
PROFESSIONAL ENGINEER STATE OF FLORIDA

Revised By: JR Date: 03/26/20 Revisions: D NO CHANGES THIS SHEET.

Drawn By: JR Date: 02/20/14 Checked By: Date:

ASSEMBLY DETAILS

(SEE SHEETS 12-14 FOR FOR INSTALLATION DETAILS)



* ITEM 61 SHOWN, ITEM 60 ALSO APPLICABLE, SEE TABLES 1-3, SHEETS 6-8 FOR DP (PSF) ASSOCIATED WITH STILE.

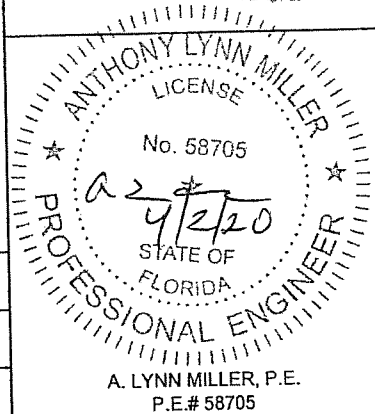
Revised By:	Date:	Revisions:	
JR	03/26/20	D	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
JR	02/20/14		

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



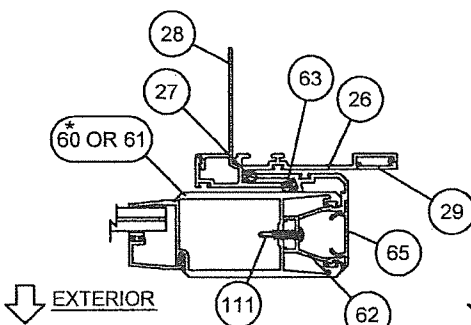
Description:	VERTICAL SECTION DETAILS			
Title:	SERIES 770 ALUM. SGD-WINDOW - LMI			
Series/Model:	Scale:	Sheet:	Drawing No.	Rev.
SGD-770 WINDOW	NTS	18 of 22	PGT0129	D

PRODUCT REVISED
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Expiration Date 2/12/25
A. Lynn Miller
Product Control

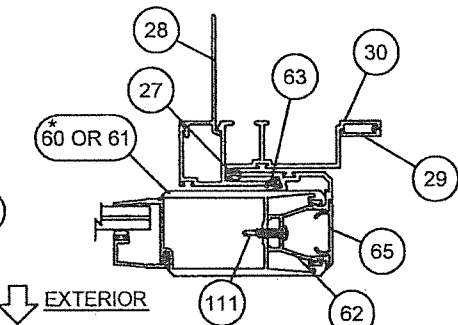


ASSEMBLY DETAILS

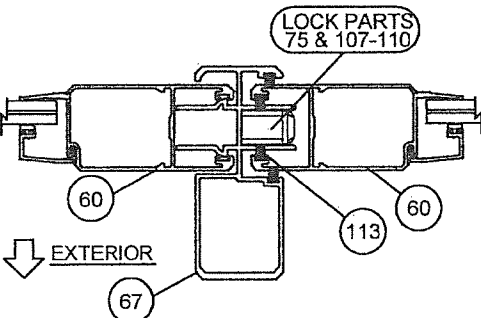
(SEE SHEETS 12-14 FOR FOR INSTALLATION DETAILS)



DET J P-HOOK FOR FLAT SILLS
(EXT. OR INT. MOUNT)

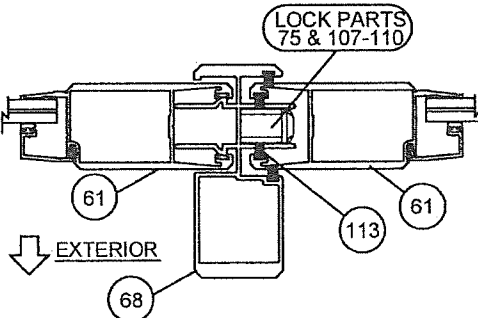


DET K P-HOOK FOR BOX SILLS
EXT. MOUNT ONLY



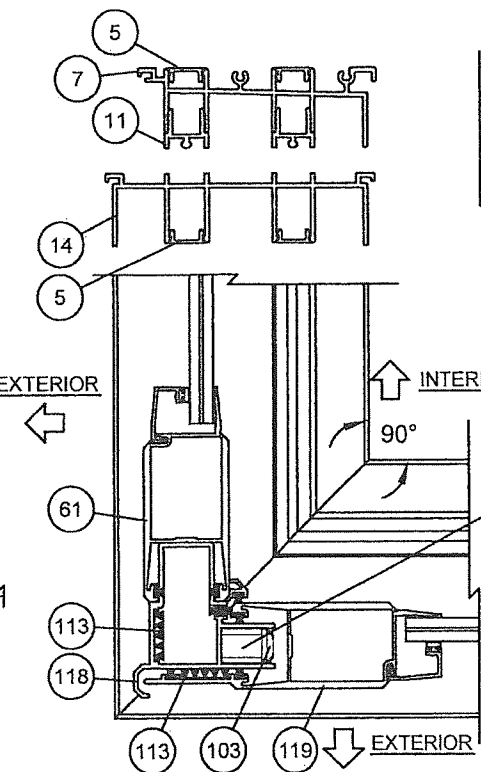
DET L1 STANDARD ASTRAGAL #67
WITH STANDARD STILES #60

EXTERIOR BOX ASTRAGAL SHOWN
(BOX-OUT) MAY ALSO BE INSTALLED
TOWARDS INTERIOR (BOX-IN)

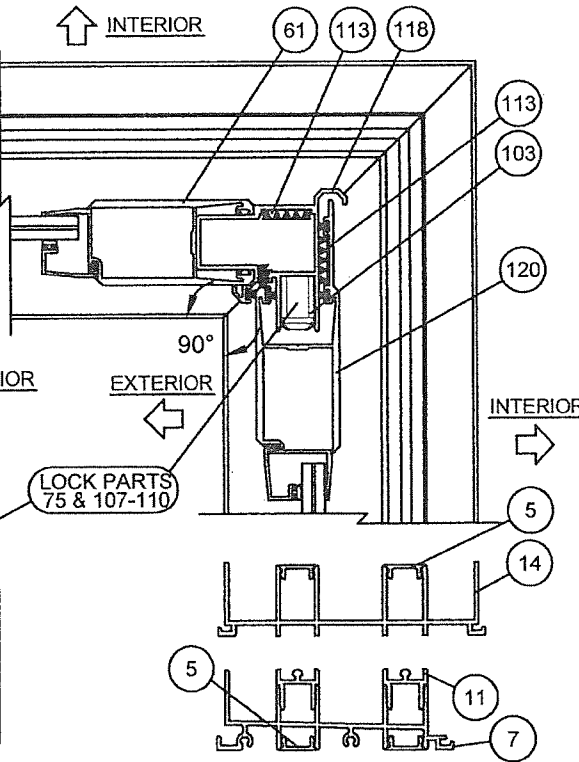


DET L2 HEAVY-DUTY ASTRAGAL #68
WITH HEAVY-DUTY STILES #61

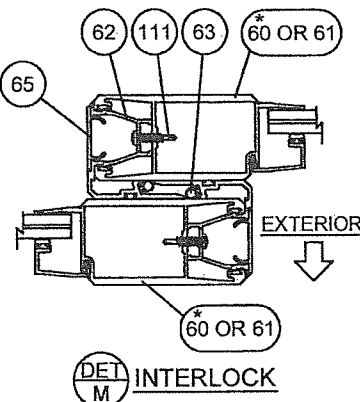
EXTERIOR BOX ASTRAGAL SHOWN
(BOX-OUT) MAY ALSO BE INSTALLED
TOWARDS INTERIOR (BOX-IN)



DET N1 90° OUTSIDE CORNER
2-TRACK SHOWN

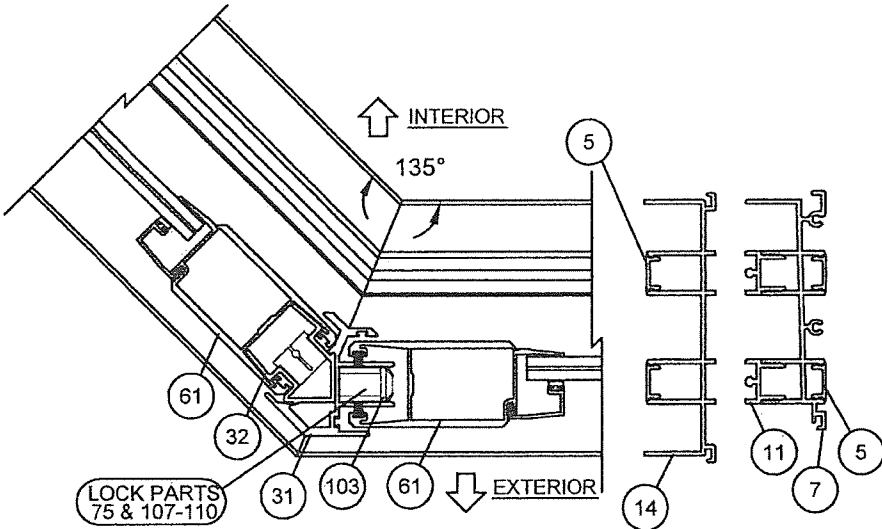


DET N2 90° INSIDE CORNER
2-TRACK SHOWN

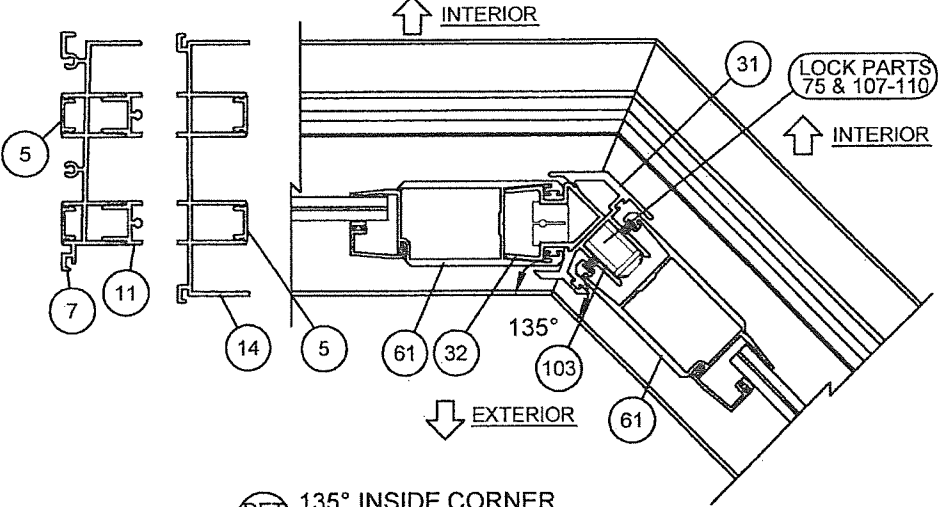


DET M INTERLOCK

* ITEM #61 (HEAVY-DUTY
STILE) SHOWN, ITEM #60
(STANDARD STILE) ALSO
APPLICABLE, SEE TABLES
1-3, SHEETS 6-8 FOR DP
(PSF) ASSOCIATED WITH
STILES.



DET O1 135° OUTSIDE CORNER
2-TRACK SHOWN



DET O2 135° INSIDE CORNER
2-TRACK SHOWN

Revised By:	Date:	Revisions:	
JR	03/26/20	D	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
JR	02/20/14		

1070 TECHNOLOGY DRIVE
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Description:			
HORIZONTAL SECTION DETAILS, CORNERS			
Title:			
SERIES 770 ALUM. SGD-WINDOW - LMI			
Series/Model:	Scale:	Sheet:	Drawing No.
SGD-770 WINDOW	NTS	19 of 22	PGT0129
Rev:			
D			

PRODUCT REVISED
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Building Code
Acceptance No. 200406.07
Expiration Date 2/12/25
Anthony L. Miller
Miller-Buck Product Control

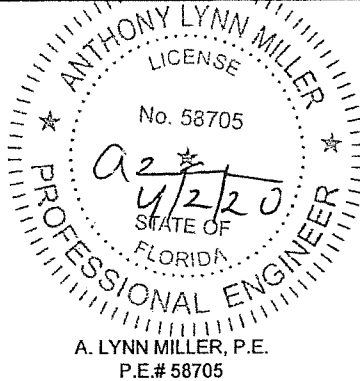


TABLE 4:

Item	PGT Dwg. #	PGT #	Description
1	17306	617306	2-TRACK HEAD
2	17303	617303	2-TRACK HEAD WITH SCREEN RAIL
3	17309	617309	3-TRACK HEAD
4	17312	617312	4-TRACK HEAD
5	17314	617314	FRAME SCREW COVER
6	17317	617317	FRAME HEAD/JAMB ADD-ON
7	17304	617304	2-TRACK SILL
8	17301	617301	2-TRACK SILL WITH SCREEN RAIL
9	17307	617307	3-TRACK SILL
10	17310	617310	4-TRACK SILL
11	17313	617313	FRAME SILL TRACK INSERT
12	17315	617315	FRAME SILL SCREEN ADD-ON (SEE NOTE 3)
13	17316	617316	FRAME SILL SCREEN END ADD-ON (SEE NOTE 3)
14	17305	617305	2-TRACK JAMB
15	17302	617302	2-TRACK JAMB WITH SCREEN RAIL
16	17308	617308	3-TRACK JAMB
17	17311	617311	4-TRACK JAMB
18	17322	617322	SILL RISER - FLAT, FLUSH, 1-1/2"
19	17319	617319	SILL RISER - BOX, FLUSH, 1-1/2"
20	17321	617321	SILL RISER - FLAT, LOW, 2-1/2"
21	17318	617318	SILL RISER - BOX, LOW, 2-1/2"
22	17355	617355	SILL RISER - FLAT, MEDIUM, 3-1/4"
23	17354	617354	SILL RISER - BOX, MEDIUM, 3-1/4"
24	17323	617323	SILL RISER - FLAT, HIGH, 4"
25	17320	617320	SILL RISER - BOX, HIGH, 4"
26	17333	617333	POCKET P-HOOK
27	7070	67070	NEOPRENE BULB WSTP FOR P-HOOK
28	17334	617334	POCKET P-HOOK MOUNT
29	17335	617335	P-HOOK COVER
30	17348	617348	POCKET P-HOOK FOR BOX RISER
31	17378	617378	135 CORNER
32	17376	617376	135 FIXED MOUNT
ITEMS 40-53 ARE SCREEN PARTS:			
40	4319	612258	SCREEN SIDE RAIL - LOCKSTILE
41		7LOCKWGSK	SCREEN LOCKSET
42		41818	SCREEN KEEPER SPACER SET
43	8152	68152	SCREEN INTERLOCK ADAPTER
44	4428	64428	SCREEN DOUBLE INTERLOCK
45	4317	612256	SCREEN TOP RAIL
46	4318	612257	SCREEN BOTTOM RAIL

TABLE 5:

Material	Min. F _y	Min. F _u
#12 Steel Screw	92 ksi	120 ksi
#12 18-8 Screw	60 ksi	95 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

Revised By: JR	Date: 03/26/20	Revisions: D	ADDED BACKBEDDING & MATERIAL PROP. TABLE
Drawn By: JR	Date: 02/20/14	Checked By:	Date:

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1800
REGISTRATION #29296



Description:

PARTS LIST

Title:

SERIES 770 ALUM. SGD-WINDOW - LMI

Series/Model:

SGD-770 WINDOW

Scale:

NTS

Sheet:

20 of 22

Drawing No.

PGT0129

Rev:

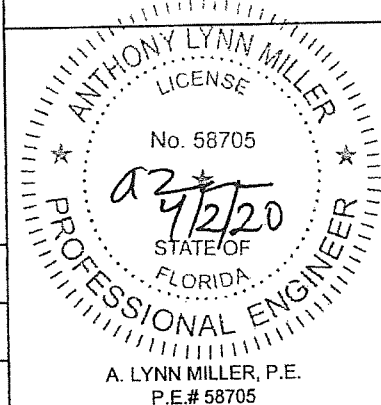
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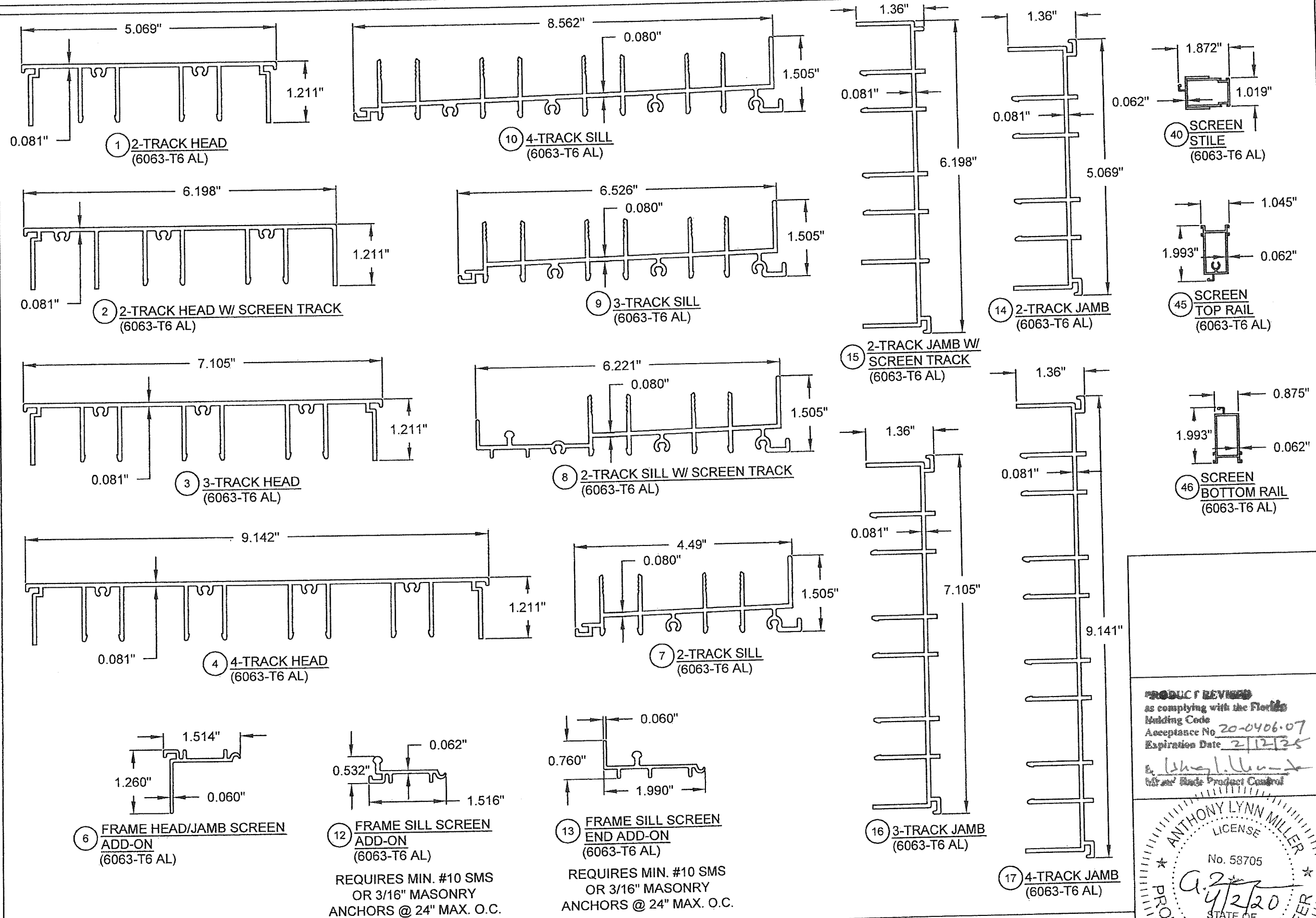
Item	PGT Dwg. #	PGT #	Description
47	668	7SRAZ	STANDARD ROLLER
48	668	7SRAX	STANDARD ROLLER - ST. STL.
49	4344	64344	SCREEN ASTRAGAL
50	17349	617349	OXD SCREEN ASTRAGAL ADAPTER
51	1692	61692	SCREEN SPLINE - .165"
52	1694	61694	SCREEN SPLINE - .150"
53		61816C20	SCREEN CLOTH
54	1725		1/2" X 4" X 1/16" SETTING BLOCK
55	1726		1" X 4" X 1/16" SETTING BLOCK
60	17325	617325	PANEL STILE
61	17326	617326	PANEL STILE (HEAVY DUTY)
62	17327	617327	INTERLOCK ADAPTOR
63	1225	6TP248	VINYL BULB WSTP. - THIN (INSIDE INTERLOCK)
64	1729	71729	SILL END WEATHERSTRIP PAD
65	17328	617328	INTERLOCK SCREW COVER
67	17329	617329	ASTRAGAL
68	17339	617339	HEAVY DUTY ASTRAGAL
69	17324	617324	TOP & BOTTOM RAIL
70	17350	417350	WEATHERSTRIP EXTENSION (INJECTION MOLDED)
71	1695	71695	1-1/2" X 1" X 3/4" HIGH FIN SEAL DUST PLUGS
72	8153	78153X	TANDEM ST. STL. ROLLER ASSY.
73	8153	78153N	TANDEM NYLON ROLLER ASSY.
74		SILICONE	DOW-791, 899, 983, 995 OR GE-7700
75	8185	78185X	GEMINI MORTICE 3-PLY DUAL LOCK W/LONG TRIM PLATE
76		71032X1FPFX	#10-32 X 1" FL. SS SCREW W/ TYPE "F" TIP
77		7103239	10-32 STEEL ZINC U-NUT
79	17357	617357	1" IG BEAD
80	17359	617359	7/16" BEAD / FIXED PANEL CLIP
81	17360	617360	9/16" BEAD
82	1224	6TP247K	VINYL BULB WEATHERSTRIP
83	61745	1745	LOWE INC. 1/2" X 1/16" SGL. SIDE ADH. TAPE, POLYETH.
100	8052	48052	ROLLER ADJ. HOLE PLUG
101		72087	JAMB BUMPER
102	1696	71696	DUST PLUG
103	8186	78186X	1" KEEPER
104	653	7SDKEEP	SCREEN LOCK KEEPER
105	17344	617344	FIXED PANEL CLIP - 6" LONG
106	17352	617352	FIXED PANEL RETAINER - 9/16"
107	1739	71739	HANDLE KIT - INTERIOR RAISED WITH THUMB TURN
108	1740	71740	HANDLE KIT - RAISED EXTERIOR HANDLE
109	1731	78162SN	HANDLE KIT - RECESSED INTERIOR WITH THUMB TURN
110	1732	78178	HANDLE KIT - RECESSED EXTERIOR PULL
111		710X34PPSDAX	#10 X 3/4" PH. PN. TEK - S.S.
112	1235	67S16	WSTP, .270 X .170 - FIN SEAL
113	1712	64066	.187" X .230" FINSEAL
114		710X115PPX	#10 X 1-1/2"
115		710XPPT	#10 X 1"
116		720X1X	#14-20 X 1" S.S.
117		720X112X	#14-20 X 1-1/2" S.S.
118	17336	617336	90 DEGREE CORNER RECEIVER
119	17337	617337	90 DEGREE OUTSIDE CORNER ASTRAGAL
120	17338	6117338	90 DEGREE INSIDE CORNER ASTRAGAL
121	19042	419042	HEADER BLOCK
122		712175FPTX	HEADER BLOCK SCREW, #12 X 1-3/4" PH. PH. TEK - S.S.
123	17352	617352	FIXED PANEL RETAINER, 7/8"

NOTES:

- 1) ALL ALUMINUM = 6063-T6
2) ITEMS # 33-39, 56-59, 66, 78 & 84-99
ARE NOT USED AND ARE NOT PART OF
THIS APPROVAL.

PRODUCED & REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0406-07
Expiration Date 2/12/25
Anthony Lynn Miller
Professional Engineer





SEE SHEET 17 FOR SILL RISERS.

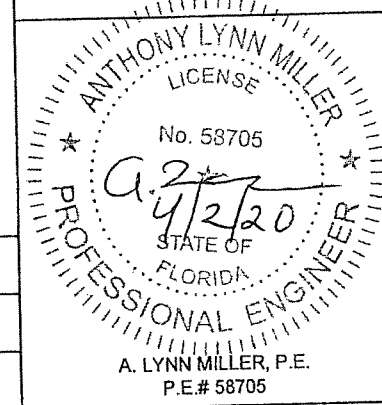
Revised By:	Date:	Revisions:	
JR	03/26/20	D	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
JR	02/20/14		

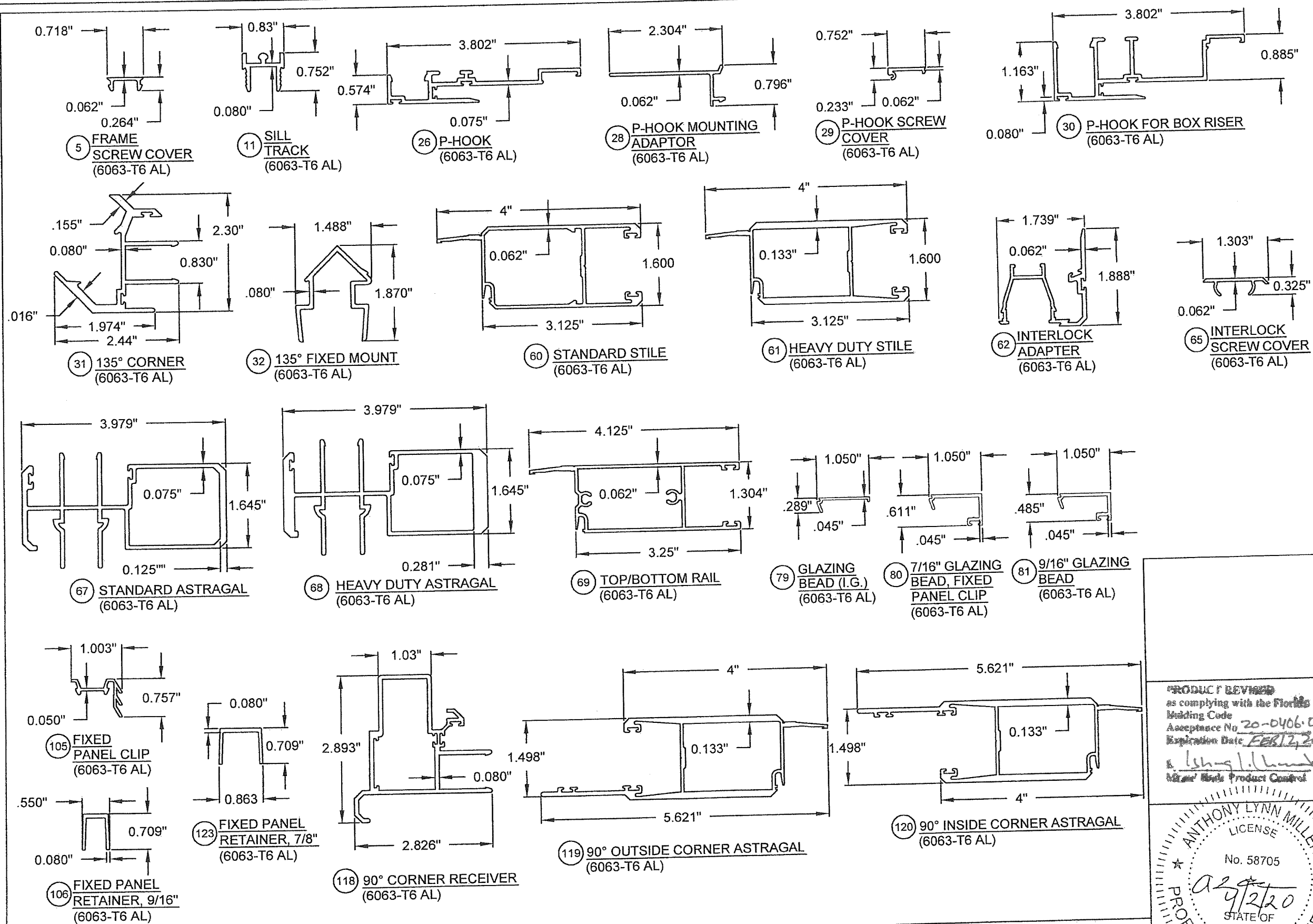
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296



Description:	EXTRUSIONS		
Title:	SERIES 770 ALUM. SGD-WINDOW - LMI		
Series/Model:	Scale:	Sheet:	Drawing No.
SGD-770 WINDOW	NTS	21 of 22	PGT0129
Rev:	D		

PRODUCT REVIEW
as complying with the Florida
Building Code
Acceptance No. 20-0406-07
Expiration Date 2/12/25
By: [Signature]
Title: State Product Control





PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 20-0406-07
Expiration Date FEB 12, 2025
A. Lynn Miller
Miller Made Product Control

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

Revised By: JR Date: 03/26/20 Revisions: D NO CHANGES THIS SHEET.
Drawn By: JR Date: 02/20/14 Checked By: Date:

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1800
REGISTRATION #29296

PGT

Description:
EXTRUSIONS
Title:
SERIES 770 ALUM. SGD-WINDOW - LMI
Series/Model: SGD-770 WINDOW Scale: NTS Sheet: 22 of 22 Drawing No. PGT0129 Rev: D