



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

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

www.miamidade.gov/economy

PGT Industries, Inc.
1070 Technology Drive,
Nokomis, 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 Sliding Glass Doors w / wo Reinforcements – L.M.I.

APPROVAL DOCUMENT: Drawing No. PGT0002 Rev. C2, titled "Series 770 Aluminum SGD – LMI", sheets 01 through 23 of 23, prepared by manufacturer, dated 08/05/07 and last revised on 01/23/14, signed and sealed by Lynn Miller, P. E., bearing the Miami-Dade County Product Control Section 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

LIMITATIONS:

1. Egress operable doors must comply with minimum clearance width per FBC, as applicable.

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. 11-1018.14 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
1/29/14

NOA No. 14-0123.10

Expiration Date: February 17, 2015

Approval Date: February 06, 2014

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

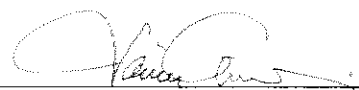
1. Manufacturer's die drawings and sections.
2. Drawing No. **PGT0002 Rev. C2**, titled "Series 770 Aluminum SGD – LMI", sheets 01 through 23 of 23, prepared by manufacturer, dated 08/05/07 and last revised on 01/23/14, signed and sealed by Lynn Miller, P. E.

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 FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of aluminum Sliding Glass Doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7554**, dated 11/01/13, signed and sealed by Marlin D. Brinson, P. E.
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 aluminum Sliding Glass Doors, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.'s **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, signed and sealed by Julio Gonzales, P. E.
Note: The test reports No.'s **FTL-5980, FTL-6001 and FTL-6015** have been revised and reissued on 12/29/09, all signed and sealed by Julio Gonzales, P. E.
(Submitted under previous NOA No. 09-0826.10)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, prepared by manufacture, dated 01/24/14, signed and sealed by Lynn Miller, P. E.
2. Glazing complies with **ASTM E1300-09**



Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 14-0123.10

Expiration Date: February 17, 2015

Approval Date: February 06, 2014

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

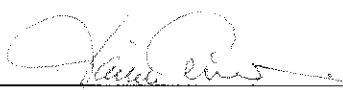
1. Notice of Acceptance No. 13-0129.27 issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 04/11/13, expiring on 12/11/16.
2. Notice of Acceptance No. 11-0624.02 issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.

F. STATEMENTS

1. Statement letter of conformance and complying with **FBC-2010**, issued by manufacture, dated 01/24/14, signed and sealed by Lynn Miller, P.E.
2. Statement letter of no financial interest, issued by manufacture, dated 01/24/14, signed and sealed by Lynn Miller, P.E.
3. Laboratory compliance letter for Test Report No. **FTL-7554**, issued by Fenestration Testing Laboratory, Inc., dated 11/01/13, signed and sealed by Marlin D. Brinson, P.E.
4. Proposal issued by Product Control, dated 08/12/13, signed by Jaime D. Gascon, P. E.
5. Laboratory compliance letter for Test Reports No.'s **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**, issued by Fenestration Testing Laboratory, Inc., all dated 08/10/09, signed and sealed by Julio Gonzales, P. E.
(Submitted under previous NOA No. 09-0826.10)
6. Proposals No.'s **09-0177**, dated 03/17 & 31/09, **09-0177A**, dated 05/07/09, **09-0177B**, dated 06/09/09 and **09-0177C**, dated 11/18/09, all issued by Product Control, signed by Ishaq Chanda, P. E.
(Submitted under previous NOA No. 09-0826.10)

G. OTHERS

1. Notice of Acceptance No. 11-1018.14, issued to PGT Industries, Inc. for their Series "**SGD-770 Aluminum Sliding Glass Doors w/ wo Reinforcements**", approved on 12/01/11 and expiring on 02/17/15.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14-0123.10
Expiration Date: February 17, 2015
Approval Date: February 06, 2014

GENERAL NOTES: SERIES 770 LMI SLIDING GLASS DOOR

1. GLAZING TYPE OPTIONS: (GLASS RECIPES ARE FROM EXTERIOR TO INTERIOR)

- GLASS STRENGTHS - I = TEMPERED HS = HEAT STRENGTHED
INTERLAYER TYPES - SGP = .090 DUPONT SENTRY GLASS PLUS DBPVB = .090 DUPONT BUTACITE PVB
- G3 - 7/16" LAMINATED: (2) LITES OF 3/16" HS GLASS WITH AN .090 DBPVB INTERLAYER.
G4 - 7/16" LAMINATED: (2) LITES OF 3/16" HS GLASS WITH AN .090 SGP INTERLAYER.
G3A - 9/16" LAMINATED: (2) LITES OF 1/4" HS GLASS WITH AN .090 DBPVB INTERLAYER.
G4A - 9/16" LAMINATED: (2) LITES OF 1/4" HS GLASS WITH AN .090 SGP INTERLAYER.
G5 - 1" LAMINATED I.G. 3/16" T EXT. CAP + 3/8" AIR SPACE + 7/16" LAMINATED: (2) LITES OF 3/16" HS GLASS WITH AN .090 DBPVB INTERLAYER.
G6 - 1" LAMINATED I.G. 3/16" T EXT. CAP + 3/8" AIR SPACE + 7/16" LAMINATED: (2) LITES OF 3/16" HS GLASS WITH AN .090 SGP INTERLAYER.
G5A - 1" LAMINATED I.G. 1/4" T EXT. CAP + 5/16" AIR SPACE + 7/16" LAMINATED: (2) LITES OF 3/16" HS GLASS WITH AN .090 DBPVB INTERLAYER.
G6A - 1" LAMINATED I.G. 1/4" T EXT. CAP + 5/16" AIR SPACE + 7/16" LAMINATED: (2) LITES OF 3/16" HS GLASS WITH AN .090 SGP INTERLAYER.
G7 - 7/16" LAMINATED: (2) LITES OF 3/16" ANN GLASS WITH AN .090 SGP INTERLAYER.
G7A - 9/16" LAMINATED: (2) LITES OF 1/4" ANN GLASS WITH AN .090 SGP INTERLAYER.
G8 - 1" LAMINATED I.G. 3/16" T EXT. CAP + 3/8" AIR SPACE + 7/16" LAMINATED: (2) LITES OF 3/16" ANN GLASS WITH AN .090 SGP INTERLAYER.
G8A - 1" LAMINATED I.G. 1/4" T EXT. CAP + 5/16" AIR SPACE + 7/16" LAMINATED: (2) LITES OF 3/16" ANN GLASS WITH AN .090 SGP INTERLAYER.

DESIGN PRESSURE CHART

SEE TABLES 1, 2 & 3 ON
SHEETS 7, 8 & 9

NOA DRAWING MAP

SHEET

GENERAL NOTES.....	1
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2. DESIGN PRESSURES:

- A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300.
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. FOR ANCHORAGE DETAILS SEE SHEETS 7 THROUGH 15.
4. SHUTTERS ARE NOT REQUIRED.
5. INSTALLATION SCREWS, FRAME AND PANEL CORNERS TO BE SEALED WITH NARROW JOINT SEALANT.
6. REFERENCES:
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 AND FTL-6036 DATED 8/7/09, FTL-7554 DATED 11/01/13.
ELCO TEXTRON NOA: 07-0425.01, 03-0225.05, ANSI/AF&PA NDS-2005 FOR WOOD CONSTRUCTION AND ADM-2005 ALUMINUM DESIGN MANUAL
7. THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
8. DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER FLORIDA BUILDING CODE, AS APPLICABLE.
9. CONFIGURATIONS SEE DP TABLES (SHEETS 7-9) AND CONFIGURATION ILLUSTRATIONS (SHEETS 2-4).
A. D.L.O. WIDTH = PANEL WIDTH - 7" B. D.L.O. HEIGHT = PANEL HEIGHT - 8.25"

NOTES PERTAINING TO ANCHORAGE DETAILS ON SHTS. 13-15:

1. FOR CONCRETE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ELCO 1/4" OR 5/16" ULTRACON (FORMERLY TAPCON) CONCRETE SCREWS OR 1/4" ELCO SS4 CRETE-FLEX. SEE TABLE ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
2. FOR WOOD APPLICATIONS USE #12 STEEL SCREWS (G6). 1/4" ELCO SS4 CRETE-FLEX MAY BE USED INSTEAD OF #12 SCREWS (PAN HEAD).
3. WOOD BUCKS DEPICTED AS 1x ARE LESS THAN 1 1/2" THICK. 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.
4. FOR ATTACHMENT TO ALUMINUM: THE ALUMINUM SHALL BE A MINIMUM STRENGTH OF 6063-T5 AND A MINIMUM OF 1/8" THICK. THE ALUMINUM STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE DOOR FRAME SIMILAR TO THAT SHOWN IN THE DETAILS USING 2x WOOD BUCKS. THE ANCHORS SHALL BE #12 SHEET METAL SCREWS WITH FULL THREAD ENGAGEMENT INTO THE ALUMINUM. IF THESE CRITERIA ARE MET, THE FULL DESIGN PRESSURES USING ANCHORAGE REQUIREMENTS SHOWN IN TABLES 1-3, SHTS. 7-9, FOR ANCHOR TYPE 4 ARE ACCEPTABLE.
5. IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, 3400 PSI MIN., (DONE BY OTHERS) (MAX. 1/4" SHIM SPACE FOR GROUT) 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.

Concrete Screw Anchorage Minimum Embedment and Minimum Edge Distance Requirements

Type	Dia.	Head and Sill		Jambs			
		Concrete		Un-Grouted CMU		Grouted CMU	
		Min. Emb.	Min. Ed.	Min. Emb.	Min. Ed.	Min. Emb.	Min. Ed.
Elco Ultracon	1/4"	1 3/8	2 1/2	1 1/4	2 1/2	1 3/4	2 1/2
	5/16"	1 3/4	1 1/4	1 1/4	1 9/16	1 3/4	2 1/2
Elco Crete-Flex SS4	1/4"	1 3/4	2 1/2	1 1/4	2 1/2	Not Recommended	

Type	Dia.	P-Hook (Anchor Tension)		P-Hook Mounting Adapter (Anchor Shear)		Concrete	Grouted CMU	Concrete	Grouted CMU
		Min. Emb.	Min. Ed.	Min. Emb.	Min. Ed.				
Elco Ultracon	1/4"	1 3/4	2 1/2	1 3/4	2 1/2	1 3/4	2 1/2	1 3/4	1 1/4
Elco Crete-Flex SS4	1/4"	1 3/4	2 1/2	Not Recommended		1 3/4	2 1/2	Not Recommended	

Concrete Strength Requirements

Type	Dia.	fc'
Elco Ultracon	1/4"	2700 psi
	5/16"	3500 psi
Elco Crete-Flex SS4	1/4"	3350 psi

Definitions:

- Emb. = Embedment
Ed = Edge Distance
Min. = Minimum

CONCRETE SCREWS STRENGTHS:

Fy MIN. = 135 KSI
Fu MIN. = 177 KSI

Masonry Strength Requirements

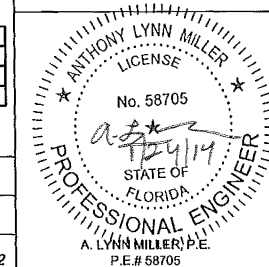
Ungrouted CMU	ASTM C-90
Grouted CMU	ASTM C-90 with grout conforming to Sections 2105.2.2.1.2 and R609 of the FBC.

Wood Screws (Head, Sill & Jambs) In.

Type	Min. Emb.	Min. Ed.
#12 Wood Screw	1 3/8"	1"
Elco Crete-Flex SS4	1 3/8"	1"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0123-10
Expiration Date 02/17/2015

By *[Signature]*
Mural Bado Product Control



Revised By: J.J.	Date: 10/11/11	Revisions: C	FBC 2010 CODE CHANGE
Revised By: JR	Date: 01/23/14	Revisions: C2	ADDED GLAZING TYPES G7, G7A, G8, G8A & TEST REPORT FTL-7554 TO NOTE 1.
Revised By:	Date:	Revisions:	
Drawn By: SMC	Date: 08/05/07	Checked By:	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

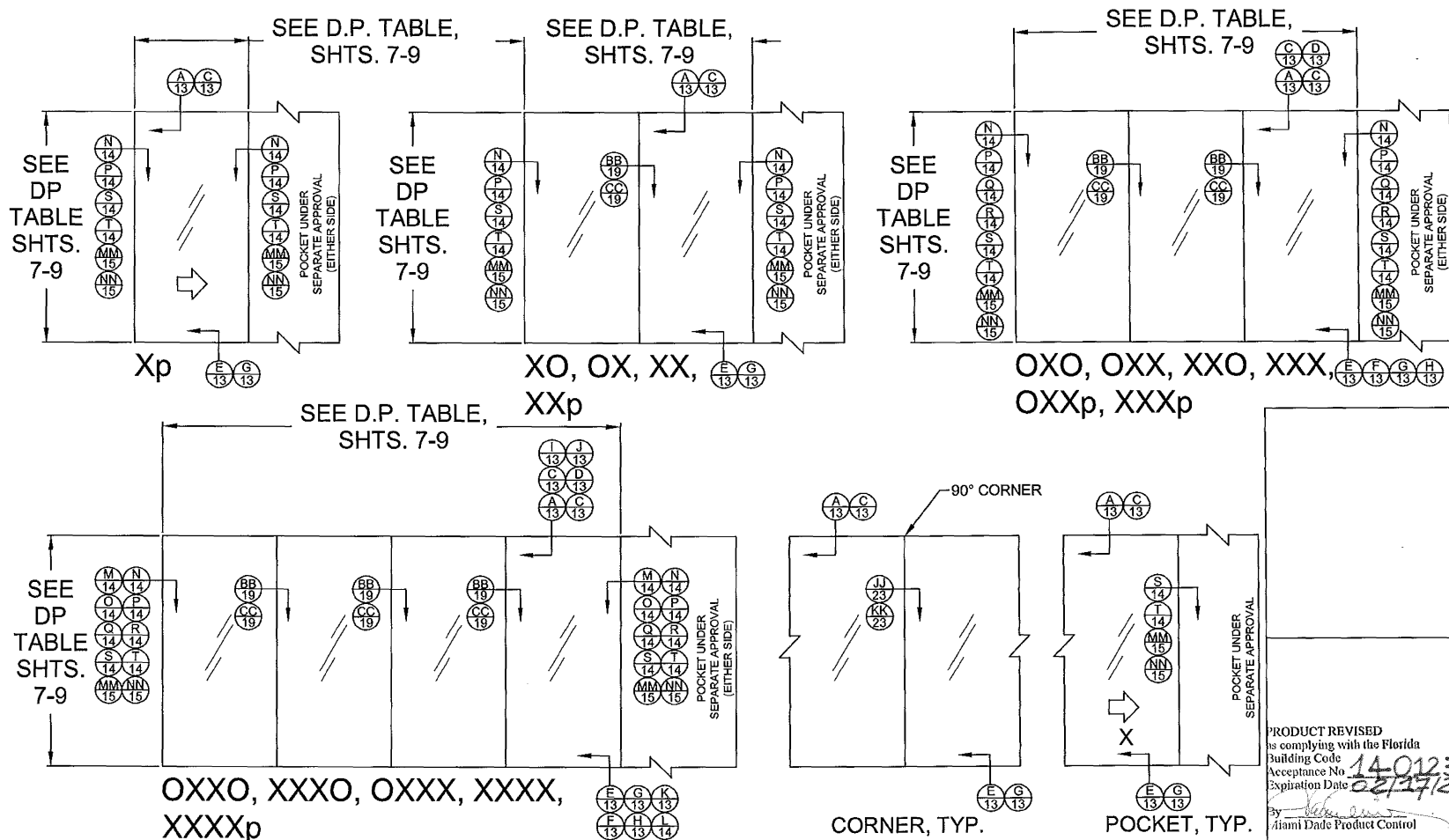


DESCRIPTION: GENERAL NOTES AND MAP

Title: SERIES 770 ALUMINUM SGD - LMI

Series/Model	Scale	Sheet	of	Drawing No.	Rev.
SGD770	NTS	1	23	PGT0002	C2

APPROVED CONFIGURATIONS:



POCKET DOORS:

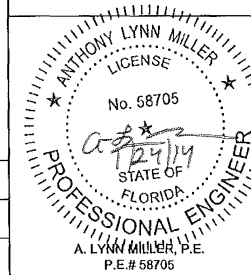
ALL CONFIGURATIONS SHOWN ALSO AVAILABLE AS POCKET DOORS AT EITHER JAMB LOCATION USING
DETAIL "S" OR "T" INSTALLATION. EXAMPLE:
XXXX IN POCKET CONFIGURATION CAN BE pXXXXp, pXXXX OR XXXXp. OXXX IN POCKET
CONFIGURATION CAN BE OXXXp. POCKET DOOR REQUIRES OPERABLE PANEL.
X SIGNIFIES OPERABLE PANEL, O SIGNIFIES INOPERABLE PANEL.

Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET	
Revised By: JR	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET	
Revised By:	Date:	Revisions:		
Drawn By: SMC	Date: 08/05/09	Checked By:	Date:	

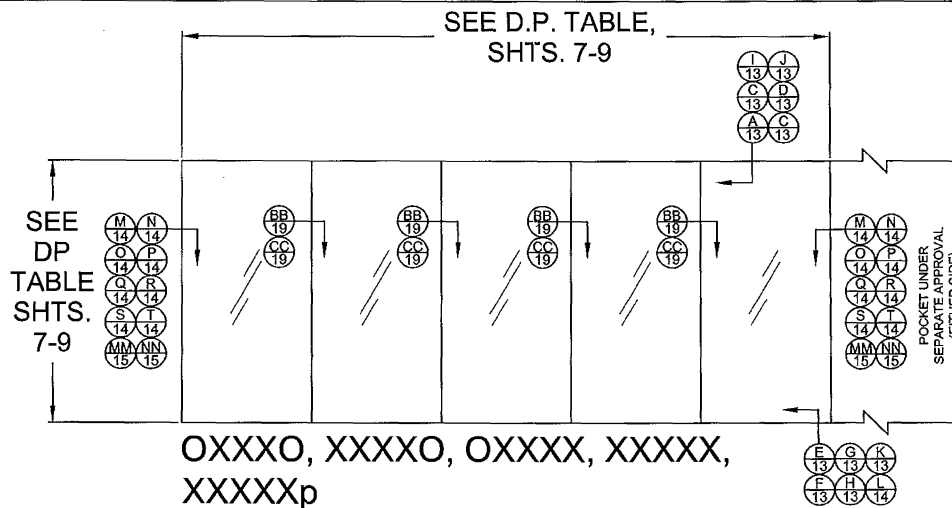
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



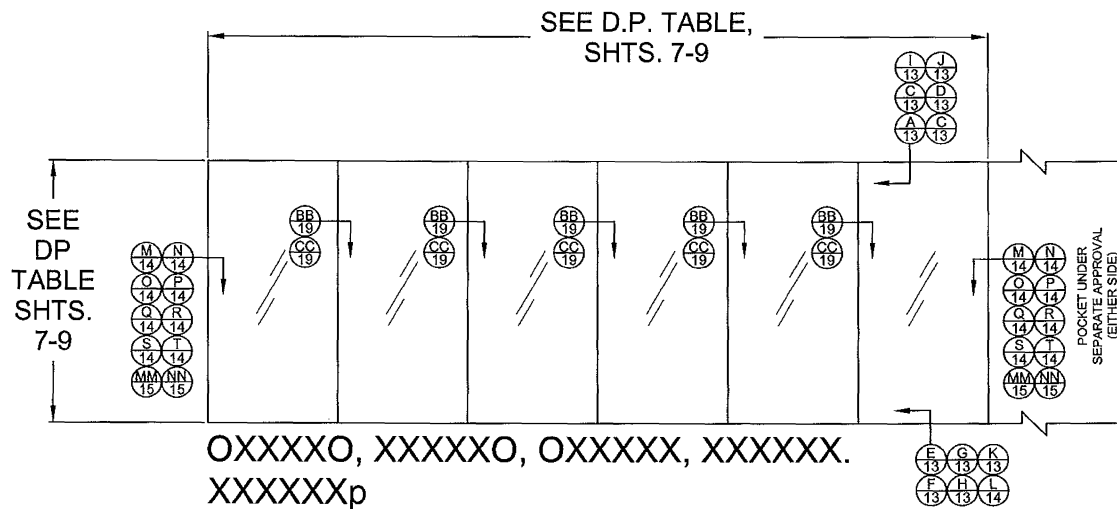
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QUALIFIED CONFIGURATIONS			
Title:			
SERIES 770 ALUM. SGD - LMI			
Series Model:	Scale:	Sheet:	Drawing
SGD770	NTS	2 of 23	



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Miami Dade Product Control



SEE 90° CORNER EXAMPLE AND POCKET
DOOR NOTE ON SHEET 2



APPROVED CONFIGURATIONS

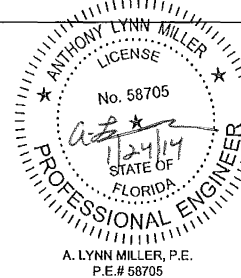
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Revised By: JR	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET
Revised By:	Date:	Revisions:	
Drawn By: SMC	Date: 08/05/09	Checked By:	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

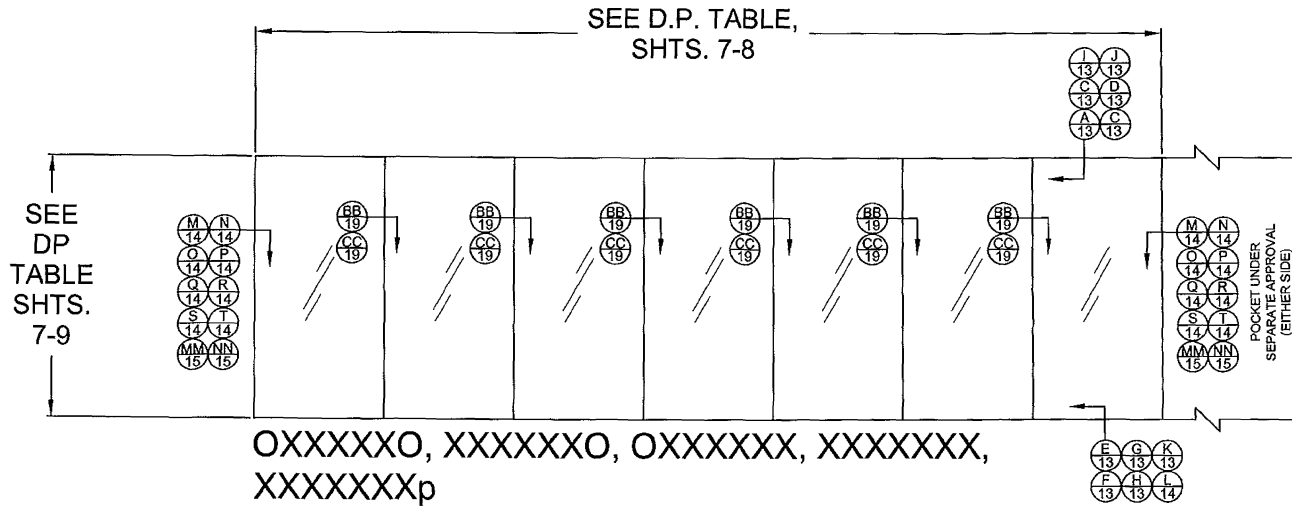


Description: QUALIFIED CONFIGURATIONS			
Title: SERIES 770 ALUM. SGD - LMI			
Series/Model: SGD770	Scale: NTS	Sheet: 3 of 23	Drawing No. PGT0002
Rev: C2			

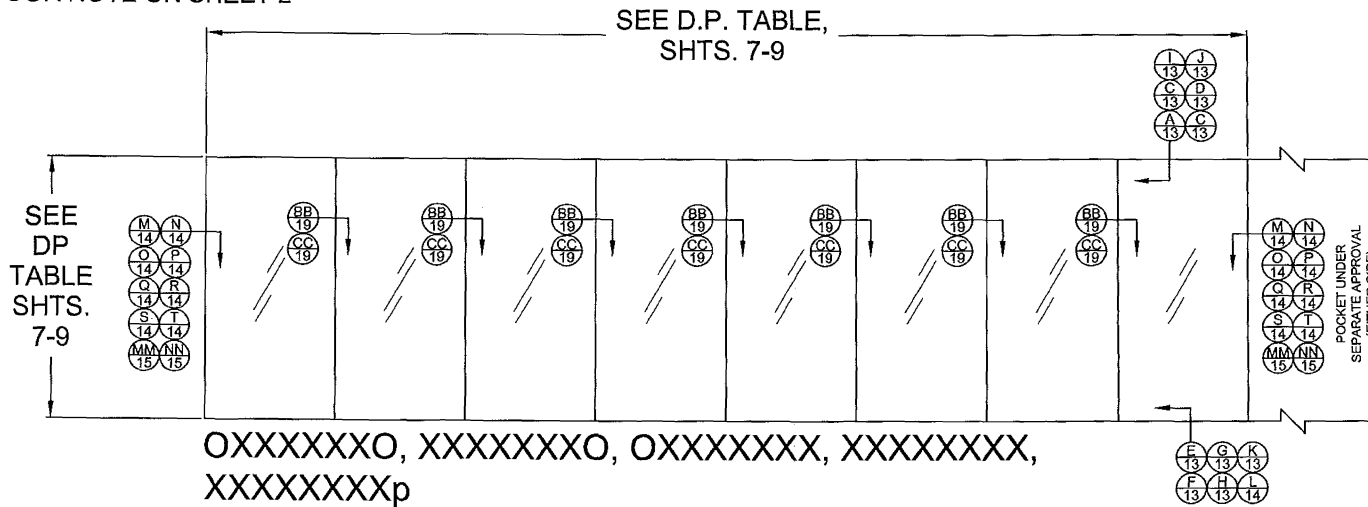
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as complying with the Florida
Building Code
Acceptance No. 14-01234
Expiration Date 02/17/2015
By: *[Signature]*
Miami Dade Product Control



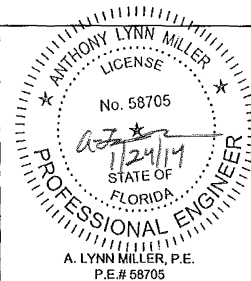
APPROVED CONFIGURATIONS:



SEE 90° CORNER EXAMPLE AND POCKET
DOOR NOTE ON SHEET 2



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as complying with the Florida
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Acceptance No. 14-0123-10
Expiration Date 02/19/2015
By *[Signature]*
Miami Dade Product Control

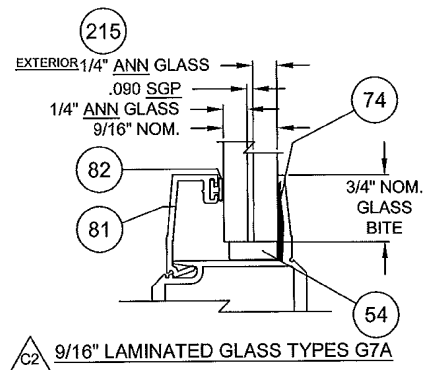
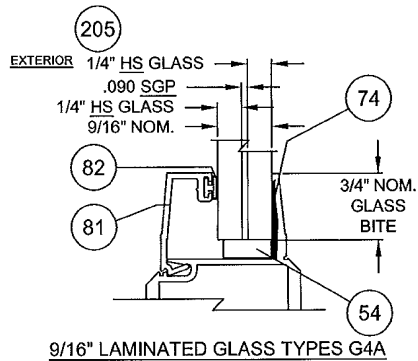
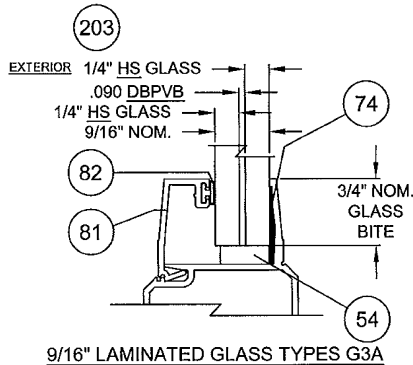
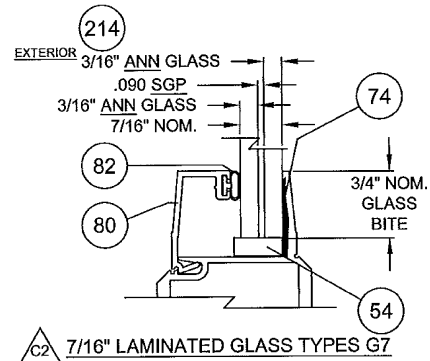
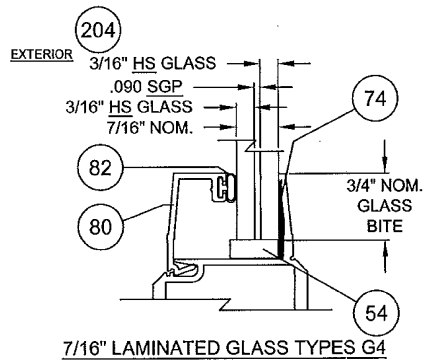
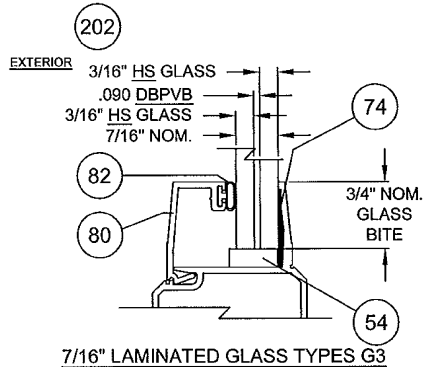


Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET
Drawn By: SMC	Date: 08/05/09	Checked By:	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description:
QUALIFIED CONFIGURATIONS
Title:
SERIES 770 ALUM. SGD - LMI
Series/Model: SGD770 Scale: NTS Sheet: 4 of 23 Drawing No. PGT0002 Rev: C2



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0123-10
Expiration Date 02/17/2018

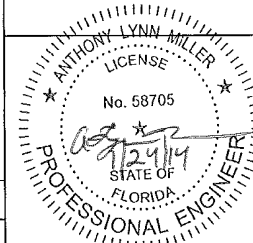
By: *[Signature]*
Miami Dade Product Control

Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	ADDED GLAZING TYPES G7, (#214) & G7A, (#215).
Drawn By: SMC	Date: 08/05/09	Checked By:	Date:

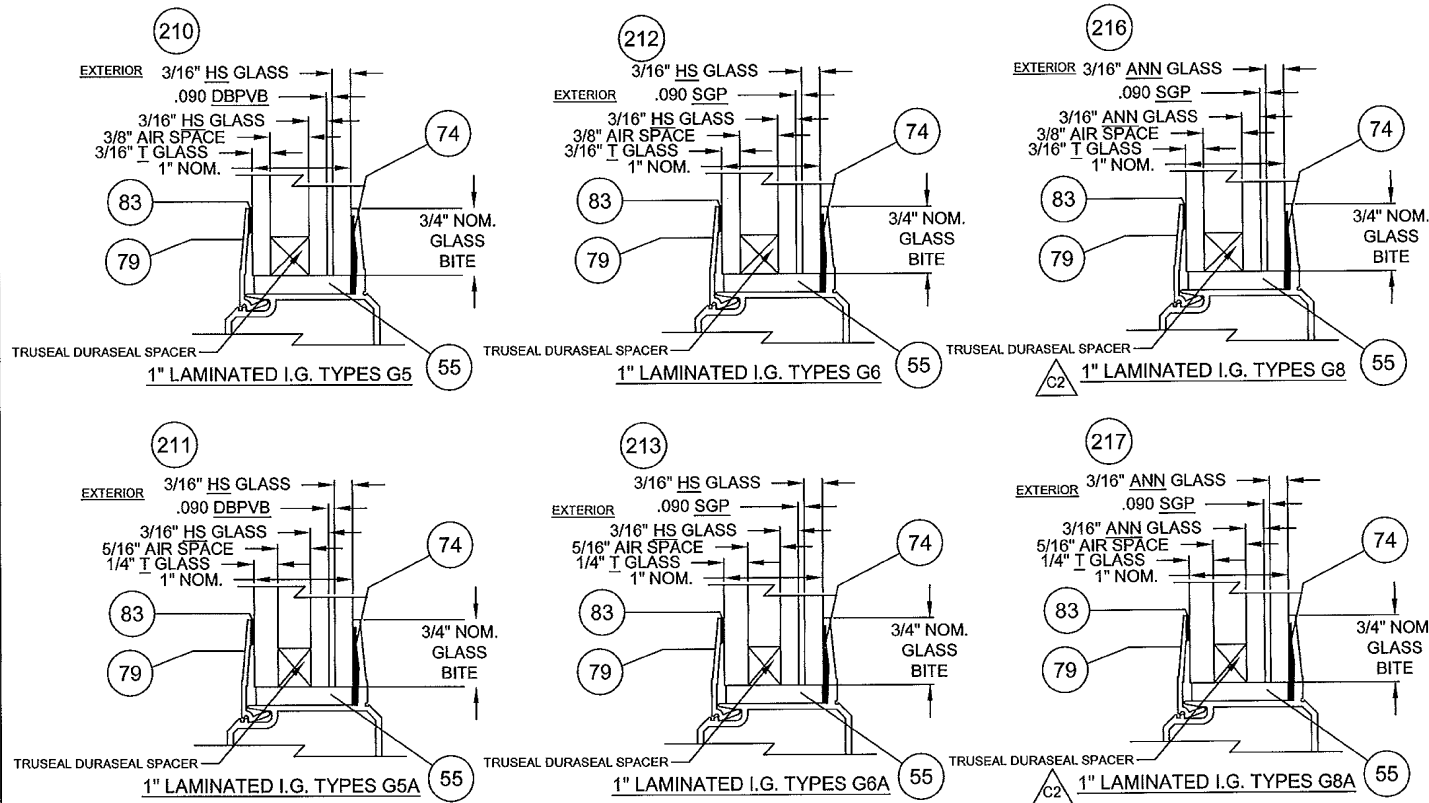
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description: GLAZING DETAILS			
Title: SERIES 770 ALUMINUM SGD - LMI			
Series/Model: SGD770	Scale: NTS	Sheet: 5 of 23	Drawing No. PGT0002
Rev: C2			



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



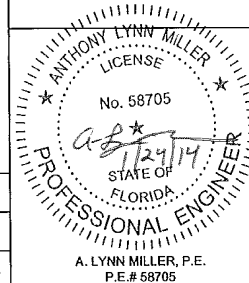
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-0123-12
 Expiration Date 02/11/2018
 By *[Signature]*
 Miami Dade Product Control

Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	ADDED GLAZING TYPES G8, (#216) & G8A, (#217).
Revised By:	Date:	Revisions:	
Drawn By: SMC	Date: 08/05/09	Checked By: RJA	Date:

1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34276
 P.O. BOX 1529
 NOKOMIS, FL 34274



Description: GLAZING DETAILS			
Title: SERIES 770 ALUMINUM SGD - LMI			
Series/Model: SGD770	Scale: NTS	Sheet: 6 of 23	Drawing No. PGT0002
			Rev: C2



DESIGN PRESSURE AND ANCHORAGE - UN-REINFORCED - STANDARD STILE - STANDARD ASTRAGAL

TABLE 1.

> HEAD & SILL (H&S) INTERLOCK, STRAIGHT & CORNER ASTRAGAL CLUSTER PLUS INTERMEDIATE ANCHOR QTY. PER PANEL H & S,
> JAMB ANCHOR QTY. > P-HOOK ANCHOR QTY.

G3 - 7/16" LAMINATED GLASS - (3/16" H.S. / PVB / 3/16" H.S.)

G3A - 9/16" LAMINATED GLASS - (1/4" H.S. / PVB / 1/4" H.S.)

G5 - 7/16" LAMINATED I.G.U. - (3/16" TEMP. / AIR / 3/16" H.S. / PVB / 3/16" H.S.)

G5A - 7/16" LAMINATED I.G.U. - (1/4" TEMP. / AIR / 3/16" H.S. / PVB / 3/16" H.S.)

G7 - 7/16" LAMINATED GLASS - (3/16" ANN. / SGP / 3/16" ANN.)

G7A - 9/16" LAMINATED GLASS - (1/4" ANN. / SGP / 1/4" ANN.)

G8 - 7/16" LAMINATED I.G.U. - (3/16" TEMP. / AIR / 3/16" ANN. / SGP / 3/16" ANN.)

G8A - 7/16" LAMINATED I.G.U. - (1/4" TEMP. / AIR / 3/16" ANN. / SGP / 3/16" ANN.)

Anchor Types:

1) *1/4" ELCO ULTRACON (FORMERLY TAPCON)

2) *1/4" SS4 CRETE-FLEX

3) *5/16" ULTRACON

4) *#12 STEEL SCREW (G5)

* SEE ANCHORAGE NOTES 1 & 2 ON SHEET 1.

		UNIT HEIGHT											
		80			84			90			96		
NOM. PANEL WIDTH	FRAME SIDE	1. 2 - CONC	3 - CONC	2. 4 - WOOD	1. 2 - CONC	3 - CONC	2. 4 - WOOD	1. 2 - CONC	3 - CONC	2. 4 - WOOD	1. 2 - CONC	3 - CONC	2. 4 - WOOD
GLASS TYPE - ALL ABOVE		+60	-60.0		+60	-60.0		+60	-60.0		+60	-60.0	
24	H&S	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10
	P-HOOK	5	5	5	5	5	5	5	5	5	5	5	5
GLASS TYPE - ALL ABOVE		+60	-60.0		+60	-60.0		+60	-60.0		+60	-60.0	
30	H&S	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10
	P-HOOK	5	5	5	5	5	5	5	5	5	5	5	5
GLASS TYPE - ALL ABOVE		+60	-60.0		+60	-60.0		+60	-60.0		+60	-60.0	
36	H&S	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10
	P-HOOK	5	5	5	5	5	5	5	5	5	5	5	6
GLASS TYPE - ALL ABOVE		+60	-60.0		+60	-60.0		+60	-60.0		+60	-60.0	
42	H&S	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10
	P-HOOK	5	5	5	5	5	5	6	6	6	6	6	6
GLASS TYPE - ALL ABOVE		+60	-60.0		+60	-60.0		+60	-60.0		+60	-60.0	
48	H&S	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2	C4+1	C4+1	C4+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10
	P-HOOK	5	5	5	6	6	6	6	6	6	7	7	7

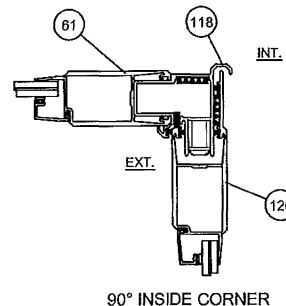
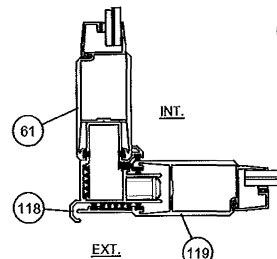
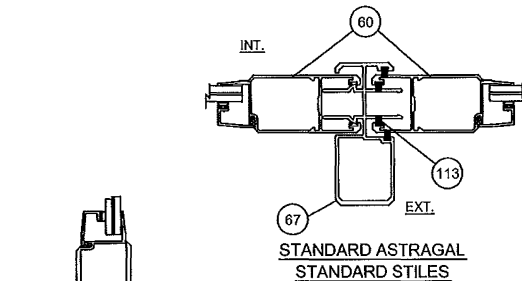
1. POSITIVE PRESSURES IN TABLE ARE BASED ON THE USE OF THE 3 1/4 SILL.
2. WHEN USING THE 2 1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 4" SILL POSITIVE WATER DP IS 60.0 PSF MAX. (NEGATIVE PRESSURES UNCHANGED). SEE TABLE 1A.
3. 4", 3 1/4" AND 2 1/2" SILL HEIGHTS ARE TESTED FOR WATER INFILTRATION WHEREAS THE 1 1/2" SILL IS NOT AND MUST ONLY BE USED WHERE WATER RESISTANCE IS NOT REQUIRED. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 1 MAY BE USED WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE FLORIDA BUILDING CODE (SEE ADJACENT DIAGRAM); THIS CONDITION IS NOT RATED FOR WATER INFILTRATION.
4. SEE SHEETS 10 THROUGH 15 FOR ANCHORAGE SPACING AND EMBEDMENT INFORMATION.
5. DOOR SIZE TO COMPLY WITH FBC EGRESS REQUIREMENTS.

○ = EXAMPLE ON SHEET 10

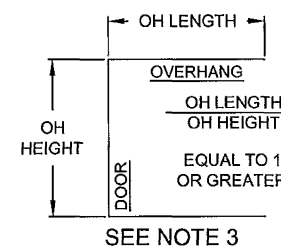
TABLE 1A.		
SILL HT. VS POS. DP		
SILL RISE	(+) DESIGN	
HEIGHT	LOAD	
FLUSH 1-1/2"	N/A	
LOW 2-1/2"	+ 46.67 PSF	
MED 3-1/4"	+ 60.0 PSF	
HIGH 4"	+ 60.0 PSF	
SEE NOTES 1-3		

DLO WIDTH = NOM. PANEL WIDTH - 7"

DLO HEIGHT = NOM. PANEL HEIGHT - 8.25"



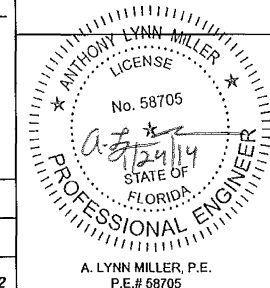
90° INSIDE CORNER



SEE NOTE 3

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0123.10
Expiration Date 02/17/2016

By: *[Signature]*
Miami Dade Product Control



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

Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	ADDED GLAZING TYPES G7, G7A, G8 & G8A TO TABLE 1.
Revised By:	Date:	Revisions:	
Drawn By: SMC	Date: 08/05/09	Checked By:	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description:	DP AND ANCHORAGE		
Title:	SERIES 770 ALUMINUM SGD - LMI		
Series/Model:	SGD770	Scale:	NTS
Sheet:	7 of 23	Drawing No.:	PGT0002
Rev:	C2		

DESIGN PRESSURE AND ANCHORAGE - UN-REINFORCED - HEAVY DUTY STILE - STANDARD ASTRAGAL

TABLE 2

> HEAD & SILL (H&S) INTERLOCK & STRAIGHT & CORNER ASTRAGAL CLUSTER PLUS INTERMEDIATE ANCHOR QTY. PER PANEL H & S,
> JAMB ANCHOR QTY. > P-HOOK ANCHOR QTY.

G4 - 7/16" LAMINATED GLASS - (3/16" H.S. / SGP / 3/16" H.S.)
G4A - 9/16" LAMINATED GLASS - (1/4" H.S. / SGP / 1/4" H.S.)
G6 - 7/16" LAMINATED I.G.U. - (3/16" TEMP. / AIR / 3/16" H.S. / SGP / 3/16" H.S.)
G6A - 7/16" LAMINATED I.G.U. - (1/4" TEMP. / AIR / 3/16" H.S. / SGP / 3/16" H.S.)
G7 - 7/16" LAMINATED GLASS - (3/16" ANN. / SGP / 3/16" ANN.)
G7A - 9/16" LAMINATED GLASS - (1/4" ANN. / SGP / 1/4" ANN.)
G8 - 7/16" LAMINATED I.G.U. - (3/16" TEMP. / AIR / 3/16" ANN. / SGP / 3/16" ANN.)
G8A - 7/16" LAMINATED I.G.U. - (1/4" TEMP. / AIR / 3/16" ANN. / SGP / 3/16" ANN.)

Anchor Types:

- 1) *1/4" ELCO ULTRACON (FORMERLY TAPCON)
- 2) *1/4" SS4 CRETE-FLEX
- 3) *5/16" ULTRACON
- 4) *#12 STEEL SCREW (G5)

* SEE ANCHORAGE NOTES 1 & 2 ON SHEET 1.

		UNIT HEIGHT																											
		80			84			90			96			102			108			114			120						
NOM. PANEL WIDTH	FRAME SIDE	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	
		1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	1,2 - CONC	3 - CONC	2,4 - WOOD	
GLASS TYPE - ALL ABOVE		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		
24	Annotations	H&S	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
	P-HOOK	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
GLASS TYPE - ALL ABOVE		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		
30	Annotations	H&S	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
	P-HOOK	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
GLASS TYPE - ALL ABOVE		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		
36	Annotations	H&S	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
	P-HOOK	6	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
GLASS TYPE - ALL ABOVE		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		
42	Annotations	H&S	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
	P-HOOK	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
GLASS TYPE - ALL ABOVE		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		
48	Annotations	H&S	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2	C4+1	C4+1	C6+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
	P-HOOK	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
GLASS TYPE - ALL ABOVE		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		
54	Annotations	H&S	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	P-HOOK	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
GLASS TYPE - ALL ABOVE		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		80.0	-60.0		
60	Annotations	H&S	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2	C4+2	C4+2	C5+2
	JAMB	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	P-HOOK	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	

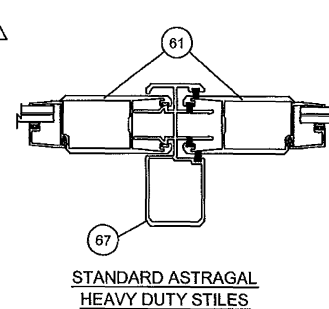
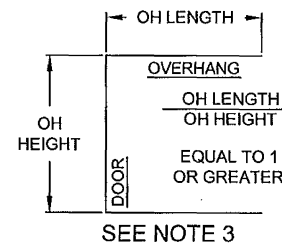
PANELS OVER 48" WIDE
NOT AVAILABLE OVER 96" HIGH

PANELS OVER 48" WIDE
NOT AVAILABLE OVER 96" HIGH

1. POSITIVE PRESSURES IN TABLE ARE BASED ON THE USE OF THE 3 1/4" SILL.
2. WHEN USING THE 2 1/2" SILL, POSITIVE DP IS 46.67 PSF MAX. WHEN USING THE 4" SILL POSITIVE DP IS 60.0 MAX.
(NEGATIVE PRESSURES UNCHANGED). SEE TABLE 2A.
3. 2 1/2", 3 1/4" AND 4" SILL HEIGHTS ARE TESTED FOR WATER INFILTRATION WHEREAS THE 1 1/2" SILL IS NOT AND MUST ONLY
BE USED WHERE WATER RESISTANCE IS NOT REQUIRED. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 2 MAY BE USED
WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE FLORIDA BUILDING CODE (SEE ADJACENT DIAGRAM);
THIS CONDITION IS NOT RATED FOR WATER INFILTRATION.
4. SEE SHEETS 10 THROUGH 15 FOR ANCHORAGE SPACING AND EMBEDMENT INFORMATION.
5. DOOR SIZE TO COMPLY WITH FBC EGRESS REQUIREMENTS.

○ = EXAMPLE ON SHEET 10

TABLE 2A	
SILL HT. VS POS. DP	
SILL RISE HEIGHT	(+) DESIGN LOAD
FLUSH - 1-1/2"	N/A
LOW - 2-1/2"	+ 46.67 PSF
MED - 3-1/4"	+ 60.0 PSF
HIGH - 4"	+ 60.0 PSF
SEE NOTES 1-3	

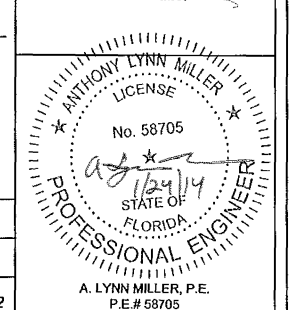


STANDARD ASTRAGAL
HEAVY DUTY STILES

SEE SHEET 7 OR 9 FOR 90°
INSIDE & OUTSIDE CORNER DEPICTION

DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = NOM. PANEL HEIGHT - 8.25"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No.
Expiration Date
By
Miami Dade Product Control



Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	ADDED GLAZING TYPES G7, G7A, G8 & G8A TO TABLE 2.
Revised By: SMC	Date: 08/05/09	Revisions:	

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description:
DP AND ANCHORAGE
Title:
SERIES 770 ALUMINUM SGD - LMI
Series/Model:
SGD770
Scale:
NTS
Sheet:
8 of 23
Drawing No.
PGT0002
Rev:
C2

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

DESIGN PRESSURE AND ANCHORAGE - UN-REINFORCED - HEAVY DUTY STILE - HEAVY DUTY ASTRAGAL TABLE 3.

> HEAD & SILL (H&S) INTERLOCK, STRAIGHT & CORNER ASTRAGAL CLUSTER PLUS INTERMEDIATE ANCHOR QTY. PER PANEL H & S,
> JAMB ANCHOR QTY. >P-HOOK ANCHOR QTY.

G4 - 7/16" LAMINATED GLASS - (3/16" H.S. / SGP / 3/16" H.S.)

G4A - 9/16" LAMINATED GLASS - (1/4" H.S. / SGP / 1/4" H.S.)

G6 - 7/16" LAMINATED I.G.U. - (3/16" TEMP. / AIR / 3/16" H.S. / SGP / 3/16" H.S.)

G6A - 7/16" LAMINATED I.G.U. - (1/4" TEMP. / AIR / 3/16" H.S. / SGP / 3/16" H.S.)

G7 - 7/16" LAMINATED GLASS - (3/16" ANN. / SGP / 3/16" ANN.)

G7A - 9/16" LAMINATED GLASS - (1/4" ANN. / SGP / 1/4" ANN.)

G8 - 7/16" LAMINATED I.G.U. - (3/16" TEMP. / AIR / 3/16" ANN. / SGP / 3/16" ANN.)

G8A - 7/16" LAMINATED I.G.U. - (1/4" TEMP. / AIR / 3/16" ANN. / SGP / 3/16" ANN.)

Anchor Types:

1) *1/4" ELCO ULTRA CON (FORMERLY TAPCON)

2) *1/4" SS CRETE-FLEX

3) *5/16" ULTRA CON

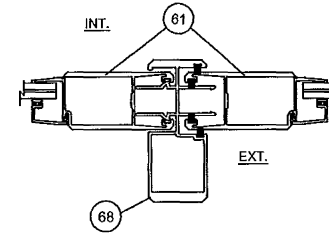
4) *#12 STEEL SCREW (G5)

* SEE ANCHORAGE NOTES 1 & 2 ON SHEET 1.

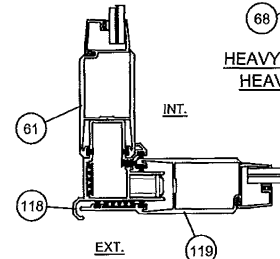
		UNIT HEIGHT											
		80			84			90			96		
NOM. PANEL WIDTH	FRAME SIDE	1, 2 - CONC	3 - CONC	2, 4 - WOOD	1, 2 - CONC	3 - CONC	2, 4 - WOOD	1, 2 - CONC	3 - CONC	2, 4 - WOOD	1, 2 - CONC	3 - CONC	2, 4 - WOOD
GLASS TYPE - ALL ABOVE		90.0	-90.0		90.0	-90.0		90.0	-90.0		90.0	-90.0	
24	ANCHORS	H&S	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2
		JAMB	10	10	10	10	10	10	10	10	10	10	10
		P-HOOK	5	5	5	5	5	5	5	6	6	6	6
GLASS TYPE - ALL ABOVE		90.0	-90.0		90.0	-90.0		90.0	-90.0		90.0	-90.0	
30	ANCHORS	H&S	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2
		JAMB	10	10	10	10	10	10	10	10	10	10	10
		P-HOOK	6	6	6	6	6	6	6	7	7	7	7
GLASS TYPE - ALL ABOVE		90.0	-90.0		90.0	-90.0		90.0	-90.0		90.0	-90.0	
36	ANCHORS	H&S	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2
		JAMB	10	10	10	10	10	10	10	10	10	10	10
		P-HOOK	6	6	7	7	7	7	7	8	8	8	8
GLASS TYPE - ALL ABOVE		90.0	-90.0		90.0	-90.0		90.0	-90.0		90.0	-90.0	
42	ANCHORS	H&S	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2
		JAMB	10	10	10	10	10	10	10	10	10	10	10
		P-HOOK	7	7	7	7	7	8	8	8	9	9	9
GLASS TYPE - ALL ABOVE		90.0	-90.0		90.0	-90.0		90.0	-90.0		SEE NOTE A		
48	ANCHORS	H&S	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2	C6+2
		JAMB	10	10	10	10	10	10	10	10	10	10	10
		P-HOOK	8	8	8	8	8	8	9	9	10	10	10

1. POSITIVE PRESSURES IN TABLE ARE BASED ON THE USE OF THE 4" SILL.
2. WHEN USING THE 2 1/2" SILL, POSITIVE DP IS 46.67 PSF MAX. AND WITH THE 3 1/4" SILL, POSITIVE PRESSURES IS 60.0 PSF MAX.
- (NEGATIVE PRESSURES UNCHANGED). SEE TABLE 3A.
3. 2 1/2", 3 1/4", AND 4" SILL HEIGHTS ARE TESTED FOR WATER INFILTRATION WHEREAS THE 1 1/2" SILL IS NOT AND MUST ONLY BE USED WHERE WATER RESISTANCE IS NOT REQUIRED. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 3 MAY BE USED WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE FLORIDA BUILDING CODE (SEE ADJACENT DIAGRAM); THIS CONDITION IS NOT RATED FOR WATER INFILTRATION.
4. SEE SHEETS 10 THROUGH 15 FOR ANCHORAGE SPACING AND EMBEDMENT INFORMATION.
5. DOOR SIZE TO COMPLY WITH FBC EGRESS REQUIREMENTS.

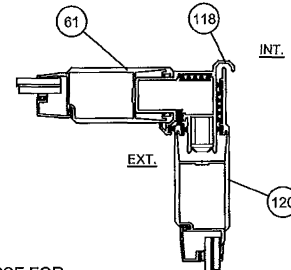
TABLE 3A.	
SILL HT. VS POS. DP	
SILL RISE HEIGHT	(+) DESIGN LOAD
FLUSH - 1-1/2"	NA
LOW - 2-1/2"	+ 46.67 PSF
MED - 3-1/4"	+ 60.0 PSF
HIGH - 4"	+ 90.0 PSF
SEE NOTES 1-3	



**HEAVY DUTY ASTRAGAL
HEAVY DUTY STILES**



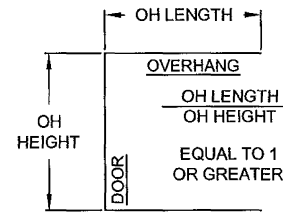
90° OUTSIDE CORNER



90° INSIDE CORNER

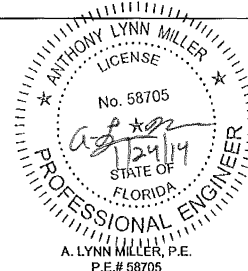


NOTE A: +/- 90.0 PSF FOR GLASS TYPES 4, 4A, 6, 6A, 7A, 8 & 8A; +/- 87.1 FOR GLASS TYPE 7.



SEE NOTE 3

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Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	ADDED GLAZING TYPES G7, G7A, G8 & G8A TO TABLE 3.
Revised By:	Date:	Revisions:	ADDED NOTE A.
Drawn By: SMC	Date: 08/05/09	Checked By:	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description: DP AND ANCHORAGE			
Title: SERIES 770 ALUMINUM SGD - LMI			
Series/Model: SGD770	Scale: NTS	Sheet: 9 of 23	Drawing No: PGT0002
Rev: C2			

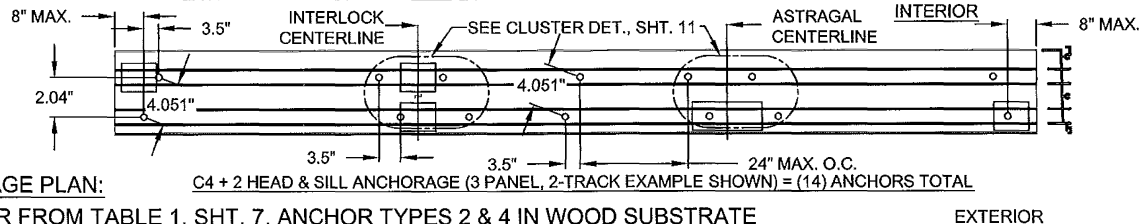
ANCHORAGE REQUIREMENTS NOTES:

1. APPROVED ANCHOR TYPES: 1) 1/4" ELCO ULTRACON (FORMERLY TAPCON) 2) 1/4" ELCO SS4 CRETE-FLEX 3) 5/16" ULTRACON 4) #12 STEEL SCREW (G5)
2. ANCHOR LOCATION SPACING FOR ANCHOR QUANTITIES SPECIFIED IN TABLES 1-3, SHTS. 7-9:

HEAD & SILL..... 8" MAX. FROM FRAME CORNERS. USE SPECIFIED CLUSTER FROM APPROPRIATE TABLES, SHTS. 7-9 AT EACH INTERLOCK AND STRAIGHT AND CORNER ASTRAGAL LOCATION, PLUS SPECIFIED QUANTITY OF ADDITIONAL INTERMEDIATE ANCHORS PER PANEL (THE 8" FROM CORNER ANCHORS CAN BE INCLUDED). ADDITIONAL ANCHORS 24" MAX. O.C. SEE EXAMPLE ANCHORAGE PLANS BELOW AND EXAMPLE CLUSTERS AT ASTRAGAL, INTERLOCK & 90° CORNER ON SHT. 11-12.

JAMBS & P-HOOKS... 6" MAX. FROM BOTTOM AND 21" MAX. O.C. UTILIZING ANCHOR QUANTITIES FROM APPROPRIATE TABLES, SHTS. 7-9. SEE P-HOOK ANCHOR DETAILS ON SHEETS 14-15.

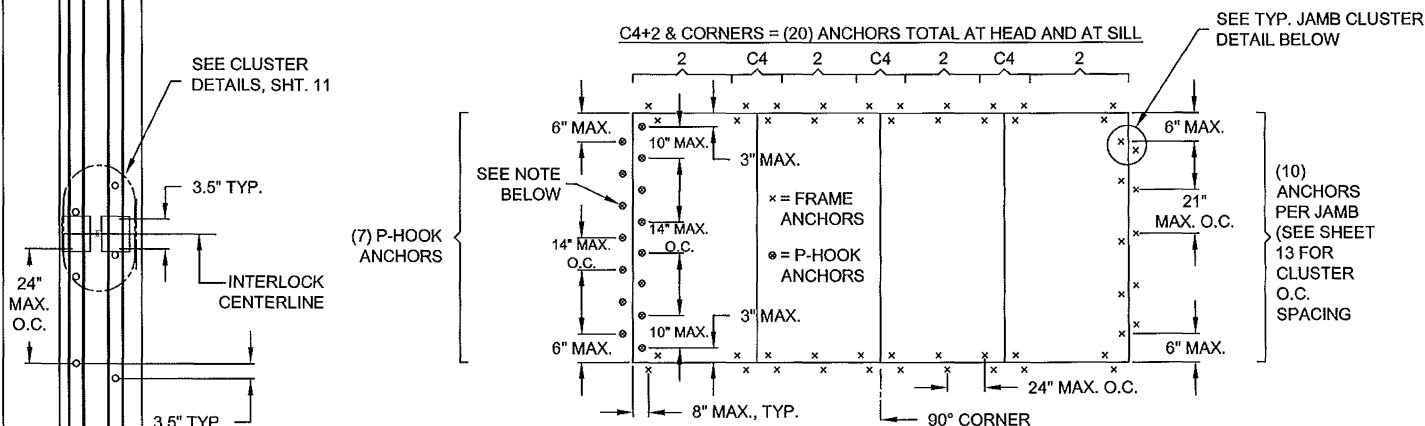
"ANCHORS PER PANEL" ARE THOSE AT THE HEAD AND SILL BETWEEN CLUSTERS OR THOSE BETWEEN A CLUSTER AND A FRAME JAMB OR P-HOOK.



EXAMPLE OXX ANCHORAGE PLAN:

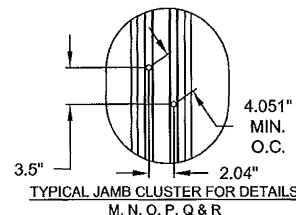
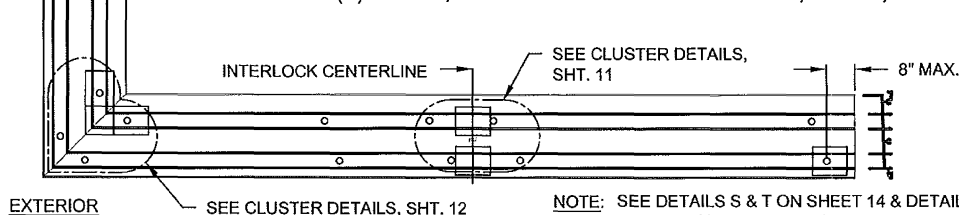
(3) PANEL, 48" x 96" DOOR FROM TABLE 1, SHT. 7, ANCHOR TYPES 2 & 4 IN WOOD SUBSTRATE

EXTERIOR



EXAMPLE OX-90° OUTSIDE CORNER-XO CORNER ANCHORAGE PLAN:

(4) PANEL, 60" x 96" DOOR FROM TABLE 2, SHT. 8, ANCHOR TYPE 1 & 2 IN CONCRETE SUBSTRATE



NOTE: SEE DETAILS S & T ON SHEET 14 & DETAILS MM & NN ON SHEET 15 FOR P-HOOK ANCHORS

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Revised By: JR	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET
Drawn By: SMC	Date: 08/05/09	Checked By: RJA	

1070 TECHNOLOGY DRIVE
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P.O. BOX 1529
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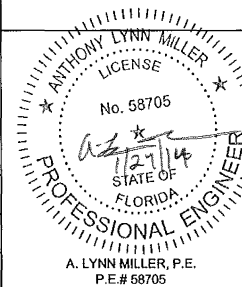


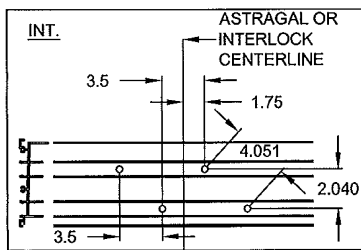
ANCHORAGE SPACING & EXAMPLE PLANS

SERIES 770 ALUMINUM SGD - LMI

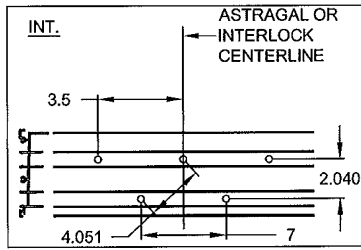
Series/Model: SGD770	Scale: NTS	Sheet: 10 of 23	Drawing No: PGT0002	Rev: C2
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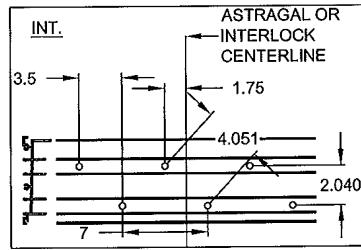




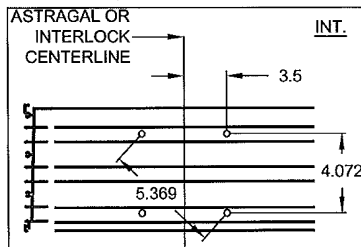
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ANCHOR CLUSTER - C4



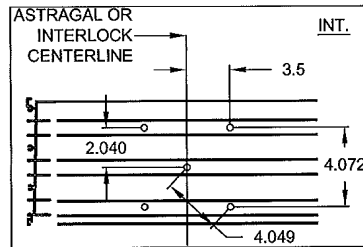
2-TRACK, ASTRAGAL / INTERLOCK
ANCHOR CLUSTER - C5



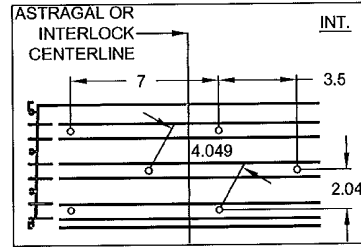
2-TRACK, ASTRAGAL / INTERLOCK
ANCHOR CLUSTER - C6



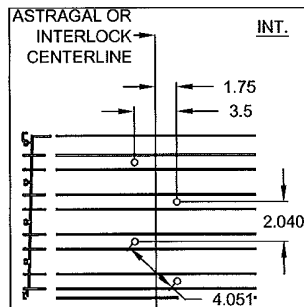
3-TRACK, ASTRAGAL / INTERLOCK
ANCHOR CLUSTER - C4



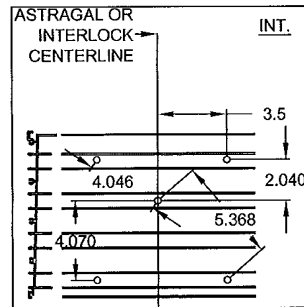
3-TRACK, ASTRAGAL / INTERLOCK
ANCHOR CLUSTER - C5



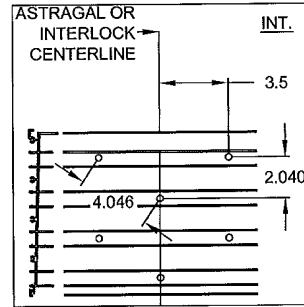
3-TRACK, ASTRAGAL / INTERLOCK
ANCHOR CLUSTER - C6



4-TRACK, ASTRAGAL / INTERLOCK
ANCHOR CLUSTER - C4



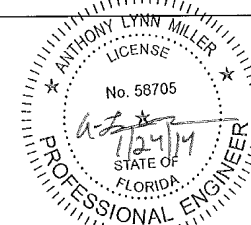
4-TRACK, ASTRAGAL / INTERLOCK
ANCHOR CLUSTER - C5



4-TRACK, ASTRAGAL / INTERLOCK
ANCHOR CLUSTER - C6

NOTE:
ALL DIMENSIONS SHOWN
ARE BASED ON MINIMUM
ALLOWED. ALL DIMENSIONS
SHOWN ARE IN INCHES.

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Drawn By: SMC	Date: 08/05/09	Checked By:	Date:

1070 TECHNOLOGY DRIVE
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P.O. BOX 1529
NOKOMIS, FL 34274

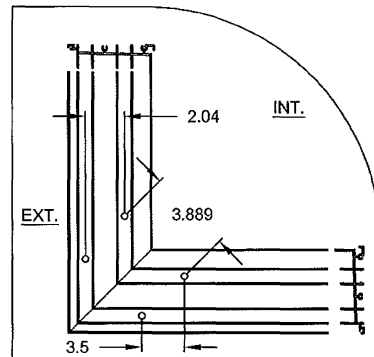


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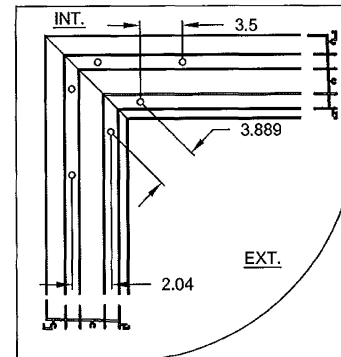
Series: 770 ALUMINUM SGD - LMI

Scale: NTS	Sheet: 11 of 23	Drawing No: PGT0002	Rev: C2
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P.E.# 58705

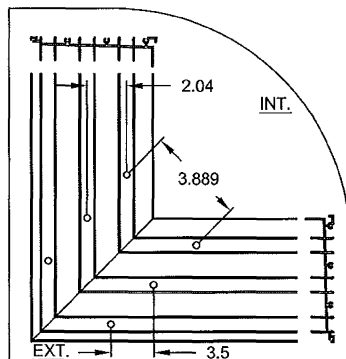


2-TRACK, 90° OUTSIDE CORNER SHOWN,
2-TRACK, 90° INSIDE CORNER SIMILAR (OPPOSITE)
ANCHOR CLUSTER - C4

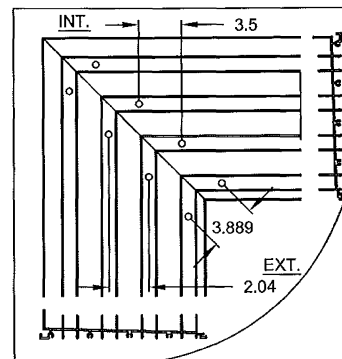


2-TRACK, 90° INSIDE CORNER SHOWN,
2-TRACK, 90° OUTSIDE CORNER SIMILAR (OPPOSITE)
ANCHOR CLUSTER - C6
USED FOR C5 AND C6

NOTE:
ALL DIMENSIONS SHOWN
ARE BASED ON MINIMUM
ALLOWED. ALL DIMENSIONS
SHOWN ARE IN INCHES.

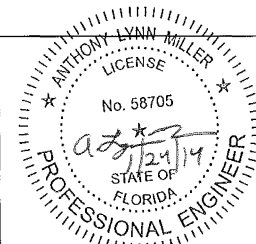


3-TRACK, 90° OUTSIDE CORNER SHOWN,
3-TRACK, 90° INSIDE CORNER SIMILAR (OPPOSITE)
C-6 ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS



4-TRACK, 90° INSIDE CORNER SHOWN,
4-TRACK, 90° OUTSIDE CORNER SIMILAR (OPPOSITE)
C-8 ANCHOR CLUSTER REQUIRED
AT ALL 4-TRACK CORNERS

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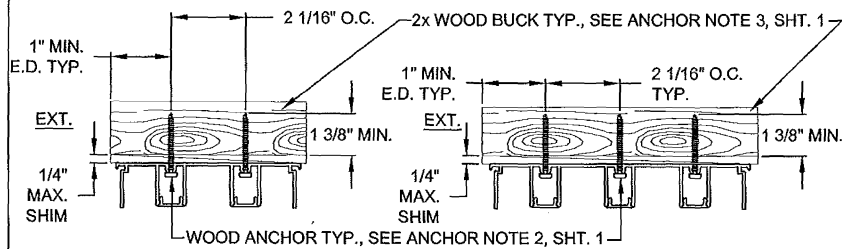
Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET
Revised By:	Date:	Revisions:	
Drawn By: SMC	Date: 08/05/09	Checked By:	Date:

1070 TECHNOLOGY DRIVE
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P.O. BOX 1529
NOKOMIS, FL 34274

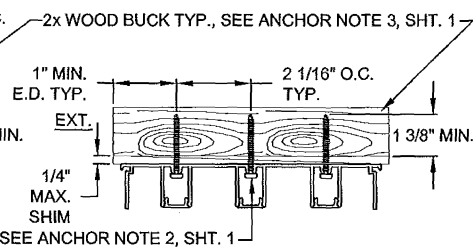


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Title: SERIES 770 ALUMINUM SGD - LMI			
Series/Model: SGD770	Scale: NTS	Sheet: 12 of 23	Drawing No. PGT0002
			Rev: C2

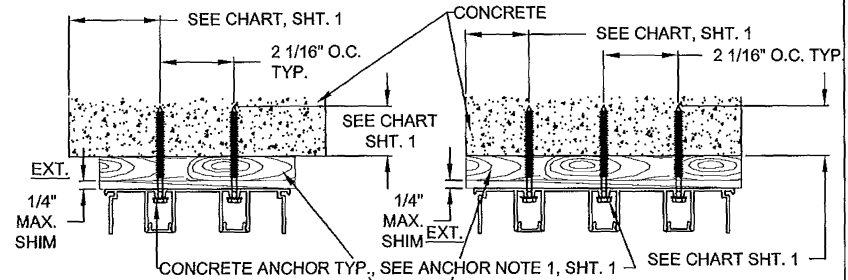
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P.E.# 58705



**DETAIL A, 2-TRACK FRAME HEAD
WOOD INSTALLATION**

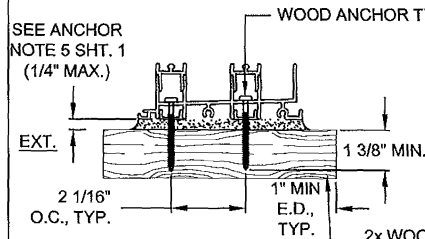


**DETAIL B, 3-TRACK FRAME HEAD
WOOD INSTALLATION**

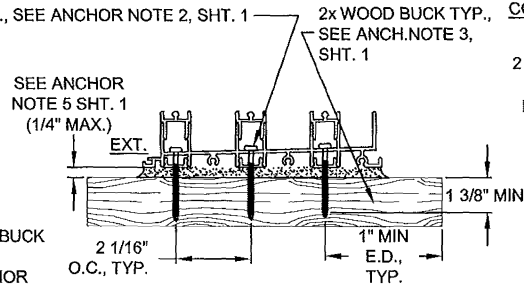


**DETAIL C, 2-TRACK FRAME HEAD
CONCRETE INSTALLATION**

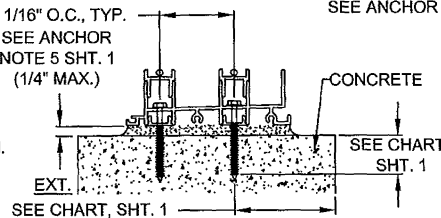
**DETAIL D, 3-TRACK FRAME HEAD
CONCRETE INSTALLATION**



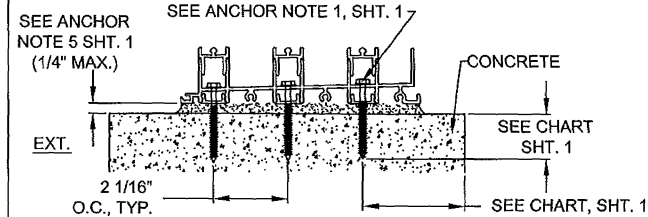
**DETAIL E, 2-TRACK FRAME SILL
WOOD INSTALLATION**



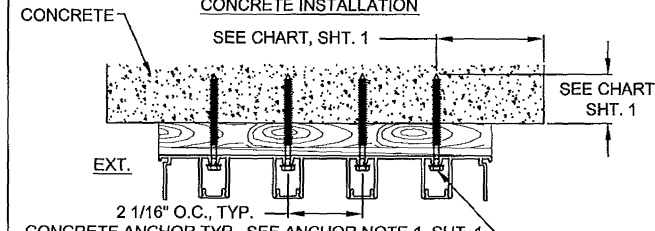
**DETAIL F, 3-TRACK FRAME SILL
WOOD INSTALLATION**



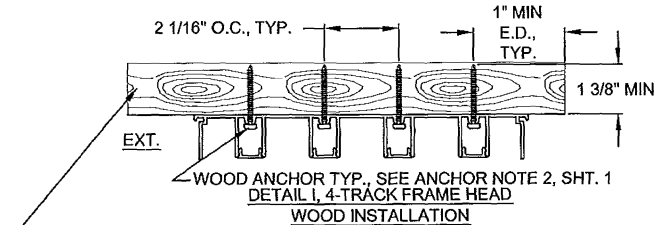
**DETAIL G, 2-TRACK FRAME SILL
CONCRETE INSTALLATION**



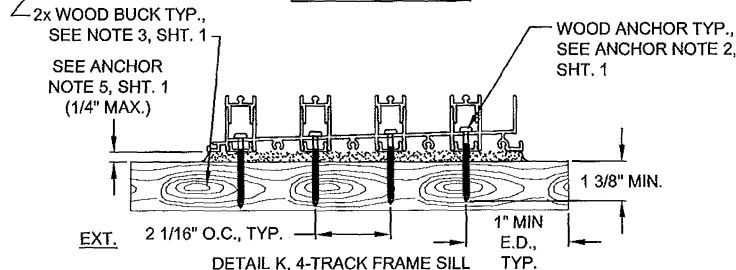
**DETAIL H, 3-TRACK FRAME SILL
CONCRETE INSTALLATION**



**DETAIL J, 4-TRACK FRAME HEAD
CONCRETE INSTALLATION**



**DETAIL I, 4-TRACK FRAME HEAD
WOOD INSTALLATION**



**DETAIL K, 4-TRACK FRAME SILL
WOOD INSTALLATION**

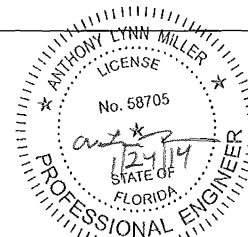
Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET
Drawn By: SMC	Date: 08/05/09	Checked By:	Date:

1070 TECHNOLOGY DRIVE
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P.O. BOX 1529
NOKOMIS, FL 34274

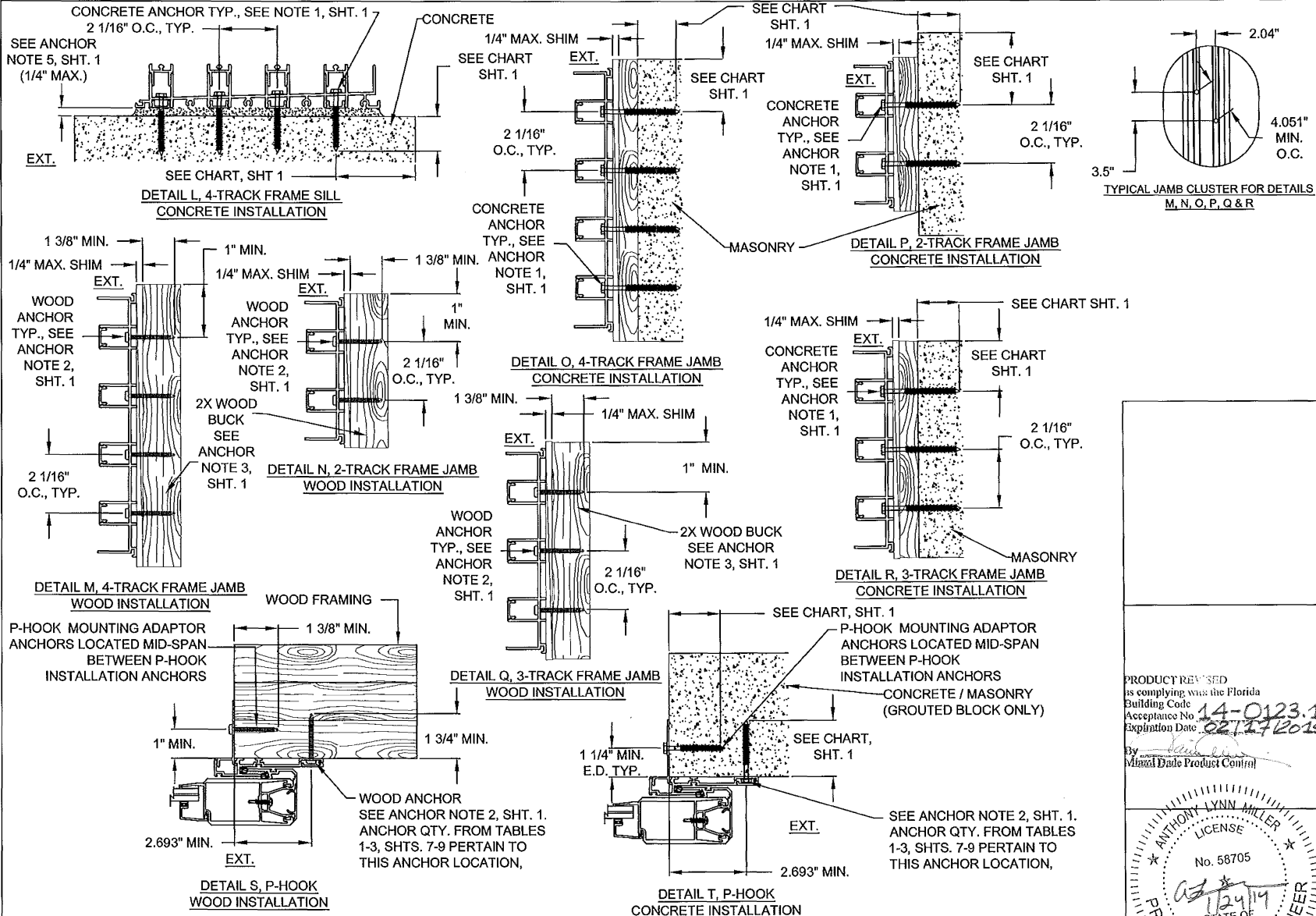


Description: ANCHORAGE DETAILS	Series/Model: SGD770	Scale: NTS	Sheet: 13 of 23	Drawing No. PGT0002	Rev: C2
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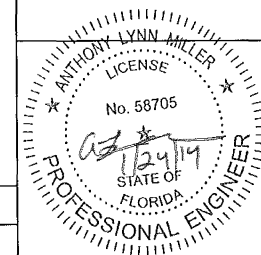
PRODUCT REVISED
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Acceptance No. **14-0123.10**
Expiration Date **02/17/2016**
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P.E.# 58705



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Drawn By: SMC	Date: 08/05/09	Checked By:	

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NOKOMIS, FL 34274

PGT

ANCHORAGE DETAILS

TITLE: **SERIES 770 ALUMINUM SGD - LMI**

Series Model: SGD770

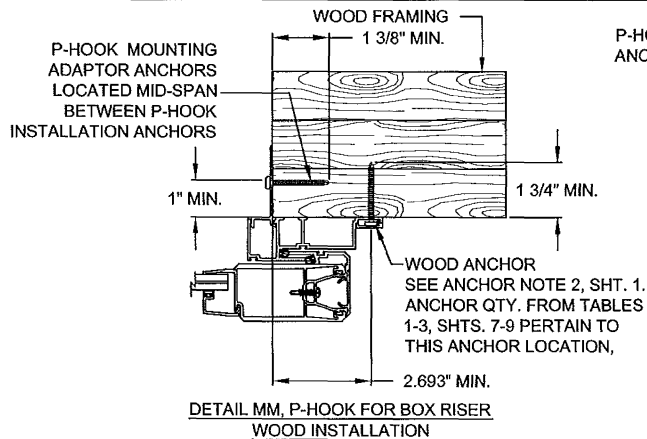
Scale: NTS

Sheet: 14 of 23

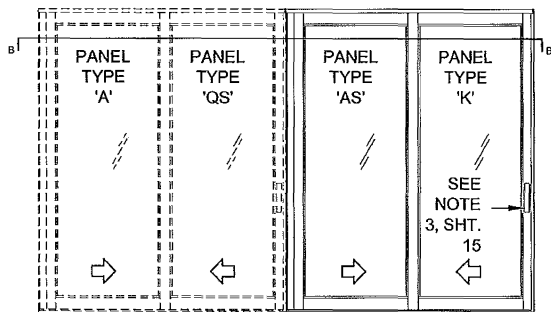
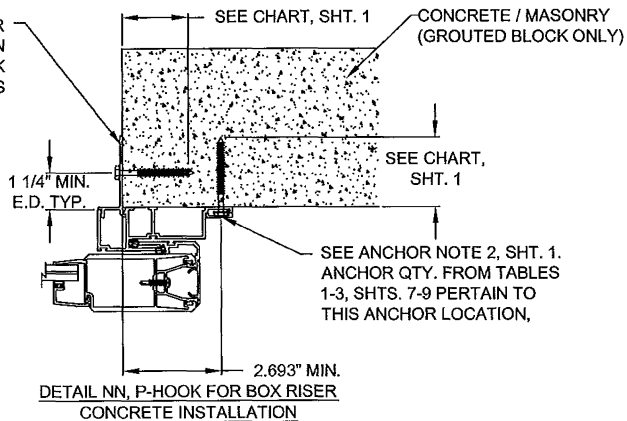
Drawing No: PGT0002

Rev: C2

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



P-HOOK MOUNTING ADAPTOR ANCHORS LOCATED MID-SPAN BETWEEN P-HOOK INSTALLATION ANCHORS

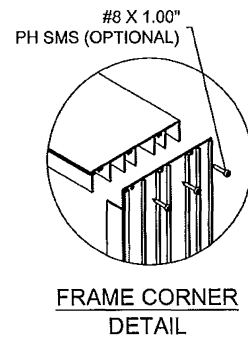
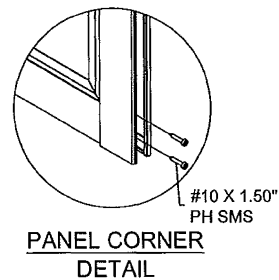
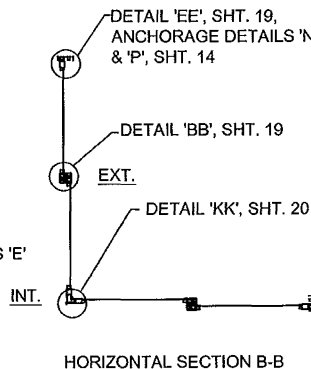


DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = NOM. PANEL HEIGHT - 8.25"

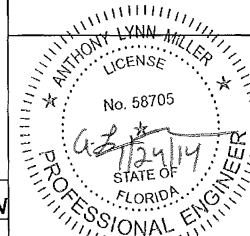
XX-90° CORNER-XX (2 TRACK INSIDE 90° CORNER)
*SEE APPLICABLE ASTRAGAL & INTERLOCK PER DP TABLES

DETAIL 'V', SHT. 18,
ANCHORAGE DETAILS 'A'
& 'C', SHT. 13

DETAIL 'U', SHT. 18,
ANCHORAGE DETAILS 'E'
& 'G', SHT. 13



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By: [Signature]
Miami Dade Product Control



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

Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET
Revised By:	Date:	Revisions:	
Drawn By: SMC	Date: 08/05/09	Checked By:	Date:

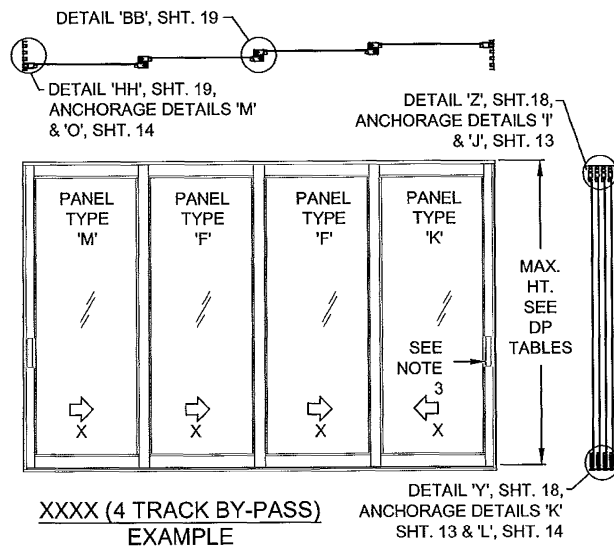
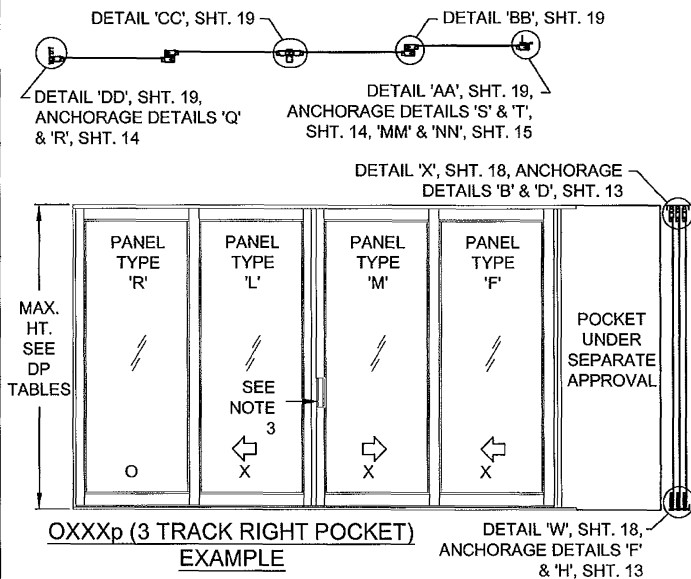
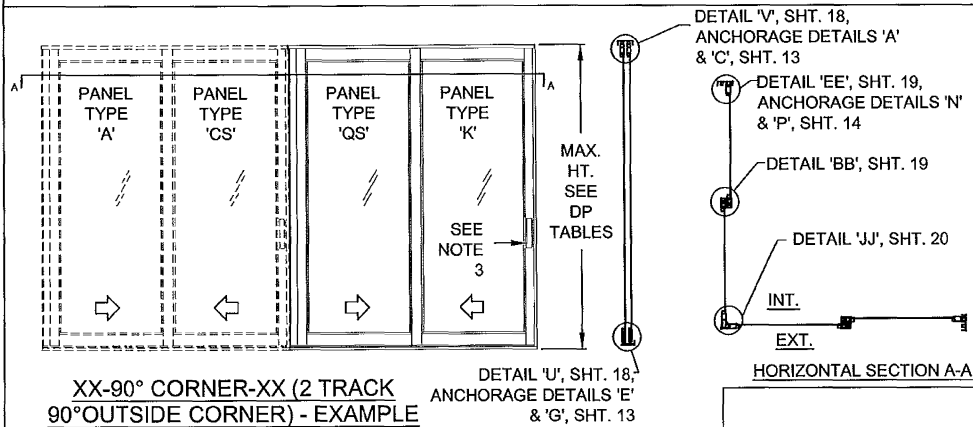
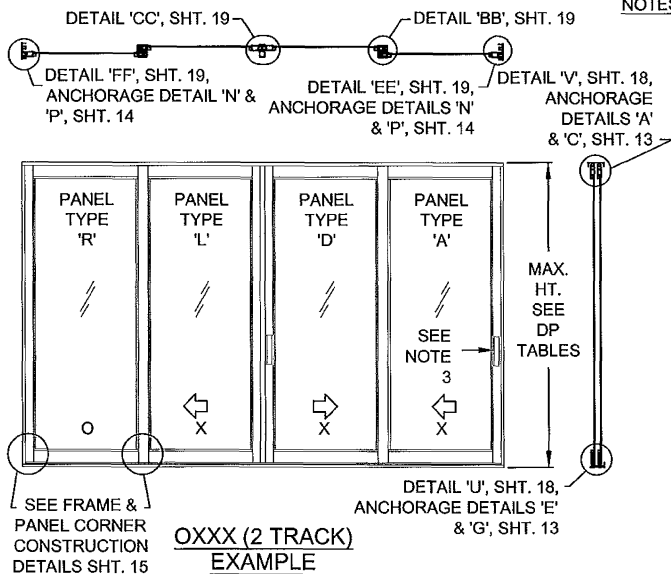
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34278
P.O. BOX 1529
NOKOMIS, FL 34274



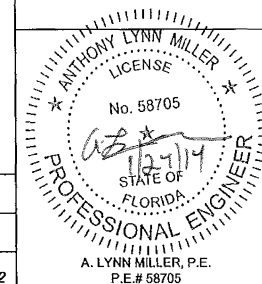
Description: ANCHORAGE DETAILS / EXAMPLE ELEVATION
Title: SERIES 770 ALUMINUM SGD - LMI
Series/Model: SGD770
Scale: NTS
Sheet: 15 of 23
Drawing No: PGT0002
Rev: C2

NOTES:

1. SEE SHT. 17 FOR INDIVIDUAL PANEL CONFIGURATIONS AS APPLICABLE. PLEASE SEE DP CHARTS FOR MAX PANEL HEIGHT AND WIDTH. PLEASE SEE SHTS. 18-20 FOR SECTION DETAILS AND SHTS. 7-15 FOR ANCHORAGE DETAILS.
2. DLO WIDTH = NOM. PANEL WIDTH - 7" DLO HEIGHT = NOM. PANEL HEIGHT - 8.25"
3. (1) LOCK (ITEMS 70 & 107-110) AT EACH LOCKSTILE, LOCKING INTO KEEPER (ITEM 103) AT FRAME JAMB OR ASTRAGAL.
4. PLEASE SEE APPLICABLE ASTRAGAL & INTERLOCK COMBINATIONS PER DP TABLES.



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Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET
Revised By:	Date:	Revisions:	
Drawn By: SMC	Date: 08/05/09	Checked By: RJA	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description: **EXAMPLE ELEVATIONS**
Title: **SERIES 770 ALUMINUM SGD - LMI**
Series/Model: SGD770
Scale: NTS
Sheet: 16 of 23
Drawing No: PGT0002
Rev: C2

PANEL LETTER			PANEL LETTER		
P	SINGLE INTERLOCK	FIXED LOCKSTILE	J (BOX IN)	LOCKSTILE	ASTRAGAL IN
R	FIXED LOCKSTILE	SINGLE INTERLOCK	M	LOCKSTILE	SINGLE INTERLOCK
T (BOX OUT)	ASTRAGAL OUT	FIXED LOCKSTILE	CS	CORNER RECEIVER	SINGLE INTERLOCK
T (BOX IN)	ASTRAGAL IN	FIXED LOCKSTILE	SC	SINGLE INTERLOCK	CORNER RECEIVER
S (BOX OUT)	FIXED LOCKSTILE	ASTRAGAL OUT	QS	CORNER LOCKSTILE	SINGLE INTERLOCK
S (BOX IN)	FIXED LOCKSTILE	ASTRAGAL IN	SQ	SINGLE INTERLOCK	CORNER LOCKSTILE
L (BOX OUT)	SINGLE INTERLOCK	ASTRAGAL OUT	AS	CORNER RECEIVER	SINGLE INTERLOCK
LR (BOX OUT)	ASTRAGAL OUT	SINGLE INTERLOCK	SA	SINGLE INTERLOCK	CORNER RECEIVER
N (BOX OUT)	ASTRAGAL IN	SINGLE INTERLOCK	CI	CORNER LOCKSTILE	SINGLE INTERLOCK
C (BOX IN)	SINGLE INTERLOCK	ASTRAGAL IN	IC	SINGLE INTERLOCK	CORNER LOCKSTILE
B	SINGLE INTERLOCK	SINGLE INTERLOCK	CF	CORNER RECEIVER	FIXED LOCKSTILE
F	SINGLE INTERLOCK	SINGLE INTERLOCK	FC	FIXED LOCKSTILE	CORNER RECEIVER
E	SINGLE INTERLOCK	SINGLE INTERLOCK	PP	SINGLE INTERLOCK	FIXED LOCKSTILE
K	SINGLE INTERLOCK	LOCKSTILE	RR	FIXED LOCKSTILE	SINGLE INTERLOCK
U (BOX OUT)	ASTRAGAL OUT	LOCKSTILE			
U (BOX IN)	ASTRAGAL IN	LOCKSTILE			
A	SINGLE INTERLOCK	LOCKSTILE			
D	LOCKSTILE	SINGLE INTERLOCK			
J (BOX OUT)	LOCKSTILE	ASTRAGAL OUT			

NOTE:
1. SEE DP TABLES FOR PANEL WIDTH & APPLICABLE ASTRAGAL & INTERLOCKS.

↑ INTERIOR
(ALL PANEL TYPES)
↓ EXTERIOR

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Acceptance No. 14-0123
Expiration Date 02/17/2014
By Miami Dade Product Control

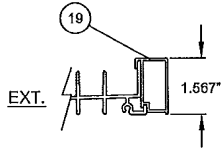
ANTHONY LYNN MILLER
LICENSE
No. 58705
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: J.R.	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET
Revised By:	Date:	Revisions:	
Drawn By: SMC	Date: 08/05/09	Checked By: RJA	Date:

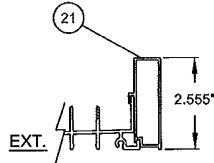
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

PGT
Description: PANEL TYPES
Title: SERIES 770 ALUMINUM SGD - LMI
Series/Model: SGD770
Scale: NTS
Sheet: 17 of 23
Drawing No: PGT0002
Rev: C2

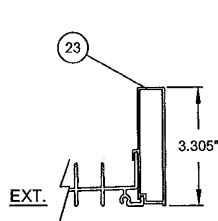
SILL RISERS OPTIONS



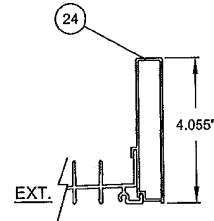
FLUSH BOX SILL RISER



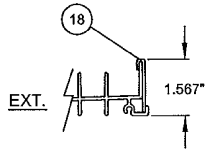
LOW BOX SILL RISER



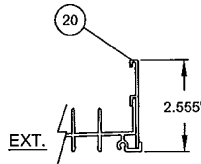
MEDIUM BOX SILL RISER



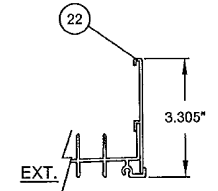
HIGH BOX SILL RISER



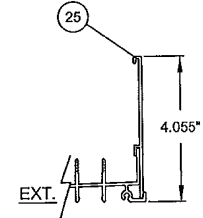
FLUSH FLAT SILL RISER



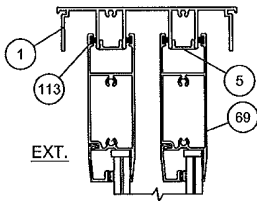
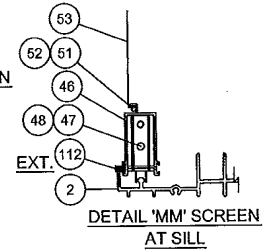
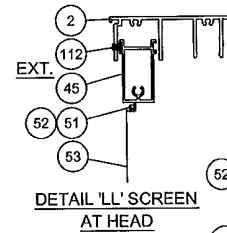
LOW FLAT SILL RISER



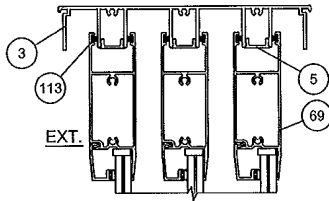
MEDIUM FLAT SILL RISER



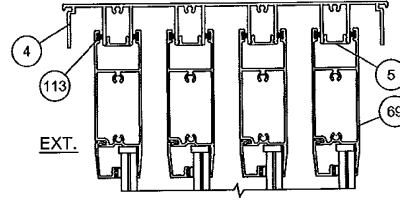
HIGH FLAT SILL RISER



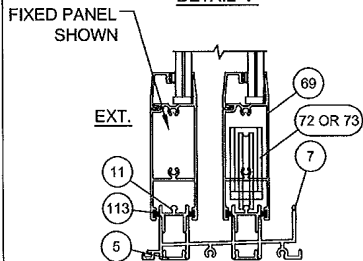
DETAIL 'V'



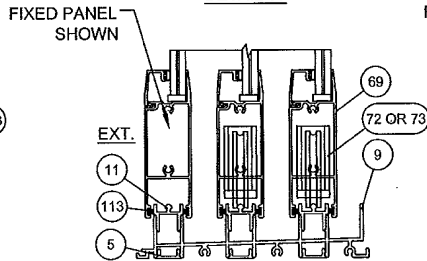
DETAIL 'X'



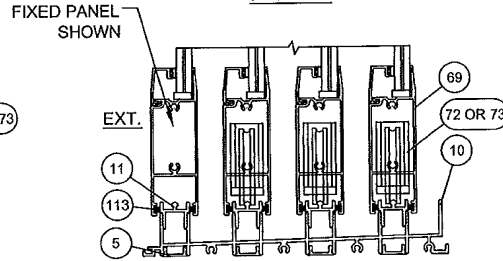
DETAIL 'Z'



DETAIL 'U'

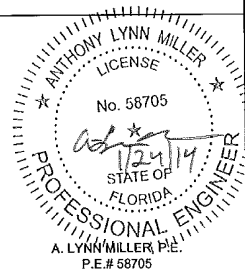


DETAIL 'W'



DETAIL 'Y'

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Building Code
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Expiration Date 02/17/2018
By *[Signature]*
Miami Dade Product Control

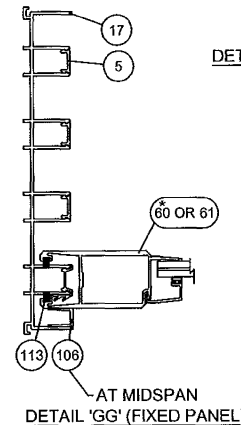
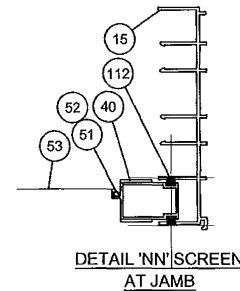
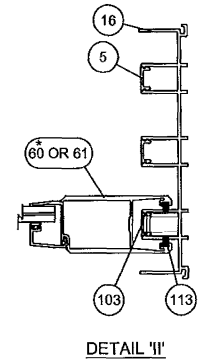
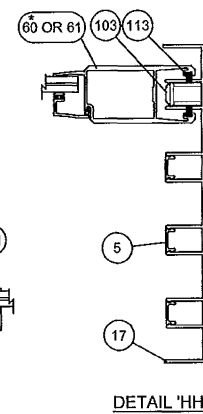
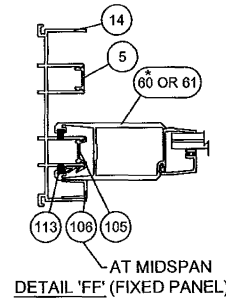
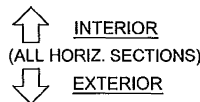
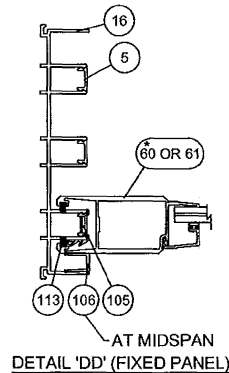
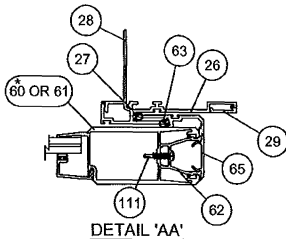
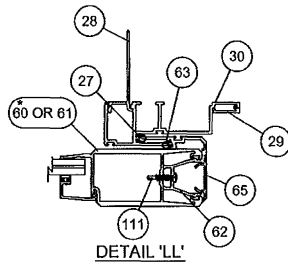
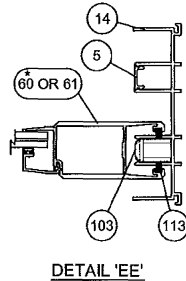
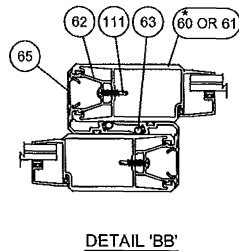
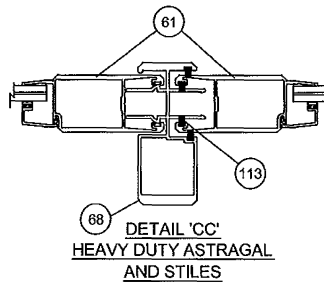
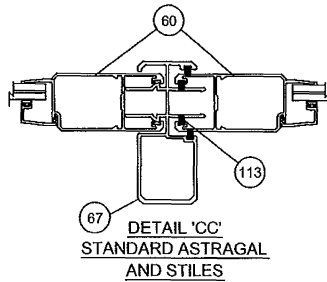


Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET
Drawn By: SMC	Date: 08/05/09	Checked By: RJA	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description:	VERTICAL SECTION DETAILS		
Title:	SERIES 770 ALUMINUM SGD - LMI		
Series/Model:	SGD770	Scale:	NTS
Sheet:	18 of 23	Drawing No:	PGT0002
Rev:	C2		



*ITEM 61 SHOWN, ITEM 60 ALSO APPLICABLE, SEE TABLES 1-3,
SHTS. 7-9 FOR DP (PSF) ASSOCIATED WITH STILE

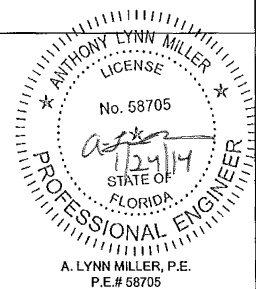
Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET
Drawn By: SMC	Date: 08/05/09	Checked By: RAJ	

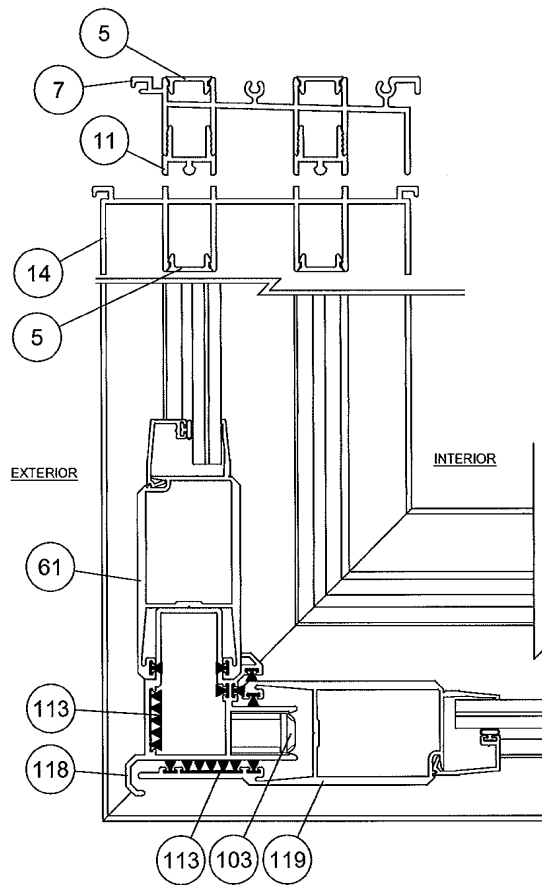
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34276
P.O. BOX 1529
NOKOMIS, FL 34274



Description:
HORIZONTAL SECTION DETAILS
Title:
SERIES 770 ALUMINUM SGD - LMI
Series/Model:
SGD770
Scale:
NTS
Sheet:
19 of 23
Drawing No.
PGT0002
Rev:
C2

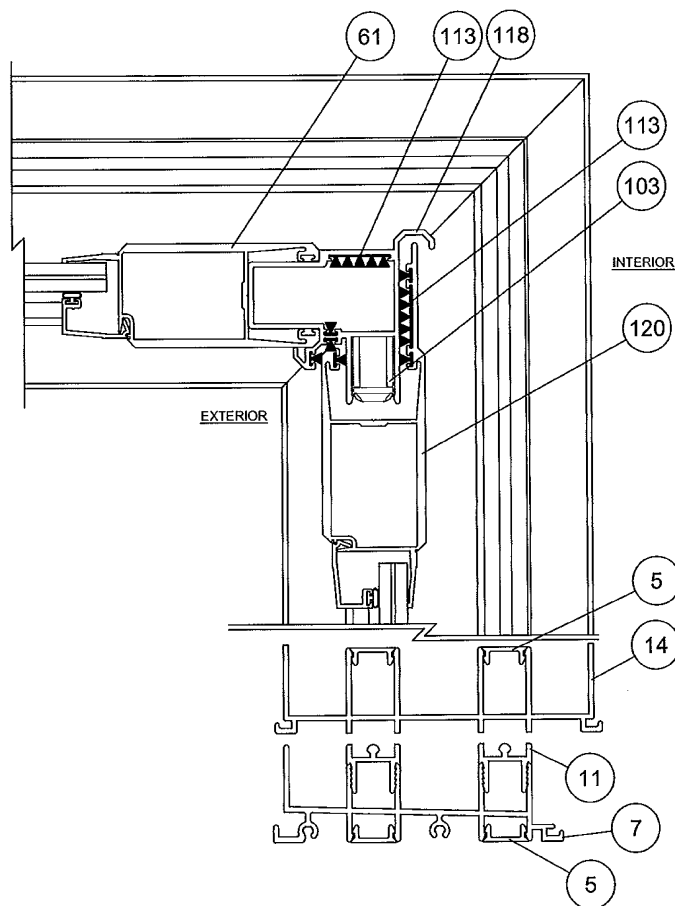
PRODUCT RE:
is complying with... Florida
Building Code
Acceptance No. 14-0123-10
Expiration Date 02/17/2015
By: [Signature]
Miami Dade Product Control





DETAIL 'JJ'

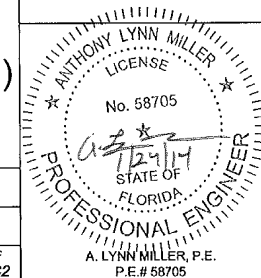
(90° OUTSIDE CORNER, 2-TRACK SHOWN)



DETAIL 'KK'

(90° INSIDE CORNER, 2 TRACK SHOWN)

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Miami Dade Product Control



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Revised By:	Date:	Revisions:	
Drawn By: SMC	Date: 08/05/09	Checked By: RJA	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description:	HORIZONTAL SECTION DETAILS, CORNERS		
Title:	SERIES 770 ALUMINUM SGD - LMI		
Series/Model:	SGD770	Scale:	NTS
Sheet:	20	of	23
Drawing No.	PGT0002	Rev:	C2

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
13	17316	617316	FRAME SILL SCREEN END ADD-ON
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 - 0
19	17319	617319	SILL RISER - 0 HOLLOW
20	17321	617321	SILL RISER - LOW FLAT
21	17318	617318	SILL RISER - LOW HOLLOW
22	17355	617355	SILL RISER - MED FLAT
23	17354	617354	SILL RISER - MED HOLLOW
24	17320	617320	SILL RISER - HIGH HOLLOW
25	17323	617323	SILL RISER - HIGH FLAT
26	17333	617333	POCKET DOOR P-HOOK
27	7070	67070	NEOPRENE BULB WSTP FOR P-HOOK
28	17334	617334	POCKET DOOR P-HOOK MOUNT
29	17335	617335	P-HOOK COVER
30	17348	617348	POCKET DOOR P-HOOK FOR BOX RISER

OPTIONAL PARTS (NOT SHOWN IN DRAWING)

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
47	668	7SRAX	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" SITTING BLOCK
55	1726		1" X 4" X 1/16" SITTING BLOCK

202		GLASS	7/16 LAMINATED HT-HT PVB
203		GLASS	9/16 LAMINATED HT-HT PVB
204		GLASS	7/16 LAMINATED HT-HT SGP
205		GLASS	9/16 LAMINATED HT-HT SGP

NOTE: ALL ALUMINUM = 6063-T6

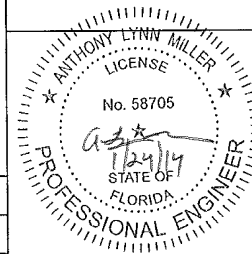
ITEM	PGT Dwg #	PGT. #	Description
.60	17325	617325	PANEL STILE
61	17326	617326	PANEL STILE (HEAVY DUTY)
62	17327	617327	INTERLOCK ADAPTOR
63	1225	61P248	VINYL BULB WSTP. - THIN (INSIDE INTERLOCK)
64	1729	71729	SILL END WEATHERSTRIP PAD
65	17328	617328	INTERLOCK SCREW COVER
67	17329	617329	ASTRAGAL
68	17339	617339	HEAVY DUTY ASTRAGAL
69	17324	617324	TOP & BOTTOM RAIL
70	17350	417350	WEATHERSTRIP EXTENSION (INJECTION MOLOED)
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
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 ZNC U-NUT
78	17358	617358	3/16 & 1/4 OGEE BEAD HORIZONTAL
79	17357	617357	1" IG BEAD HORIZONTAL
80	17359	617359	7/16 BEAD HORIZONTAL
81	17360	617360	9/16 BEAD HORIZONTAL
82	1224	61P247K	VINYL BULB WEATHERSTRIP
83			IGTAPE

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	EXTERIOR FIXED PANEL RETAINER
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 - FN SEAL
113	1712	64066	.187 X .230 FINSEAL
114		710X115PPX	#10X 1 1/2"
115		710XPPT	#10X 1"
116		720X1X	#14-20 X 1" ST. STL
117		720X112X	#14-20 X 1.5" ST. STL
118	17336	617336	CORNER RECEIVER
119	17337	617337	OUTSIDE CORNER ASTRAGAL
120	17338	6117338	INSIDE CORNER ASTRAGAL

210		GLASS	LAMINATED IG 3/16T - 7/16 LAMINATED HT-HT PVB
211		GLASS	LAMINATED IG 1/4T - 7/16 LAMINATED HT-HT PVB
212		GLASS	LAMINATED IG 3/16T - 7/16 LAMINATED HT-HT SGP
213		GLASS	LAMINATED IG 1/4T - 7/16 LAMINATED HT-HT SGP
214		GLASS	7/16 LAMINATED ANN-ANN SGP
215		GLASS	9/16 LAMINATED ANN-ANN SGP
216		GLASS	LAMINATED IG 3/16T - 7/16 LAMINATED ANN-ANN SGP
217		GLASS	LAMINATED IG 1/4T - 7/16 LAMINATED ANN-ANN SGP



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0123-10
Expiration Date 02/17/2016
By *Kenneth*
Miami Dade Product Control



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

Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	ADDED GLASS, PARTS 214 - 217
Revised By:	Date:	Revisions:	
Drawn By: SMC	Date: 08/05/09	Checked By: RJA	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274



Description:

PARTS LIST

Title:

SERIES 770 ALUMINUM SGD - LMI

Series/Model:

SGD770

Scale:

NTS

Sheet:

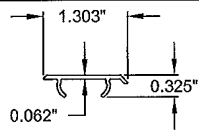
21 of 23

Drawing No.

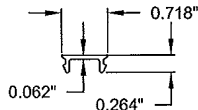
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Rev:

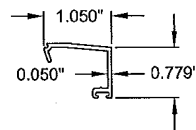
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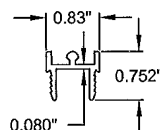
INTERLOCK SCREW COVER
(65) MAT'L: 6063-T6



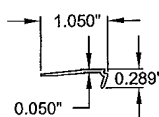
FRAME SCREW COVER
(5) MAT'L: 6063-T6



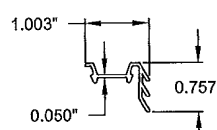
GLAZING BEAD (SINGLE)
(78) MAT'L: 6063-T6



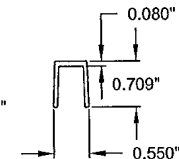
SILL TRACK
(11) MAT'L: 6063-T6



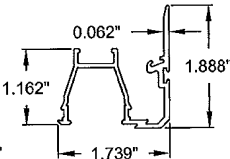
GLAZING BEAD (I.G.)
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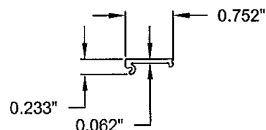
FIXED PANEL CLIP
(105) MAT'L: 6063-T6



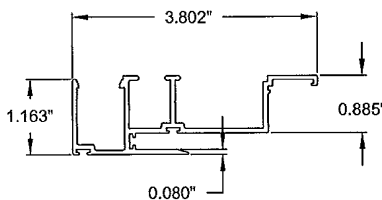
FIXED PANEL RETAINER
(106) MAT'L: 6063-T6



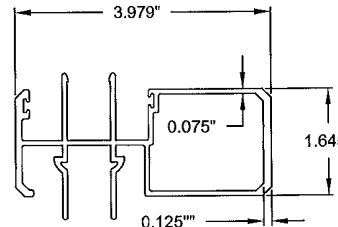
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(62) MAT'L: 6063-T6



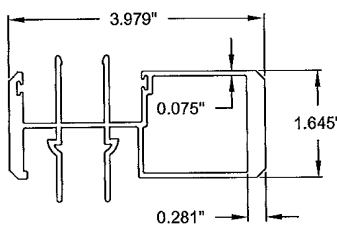
P-HOOK SCREW COVER
(29) MAT'L: 6063-T6



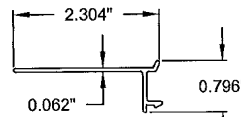
P-HOOK FOR BOX RISER
(30) MAT'L: 6063-T6



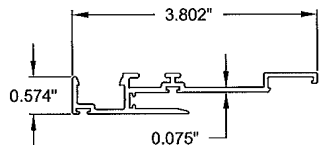
STANDARD ASTRAGAL
(67) MAT'L: 6063-T6



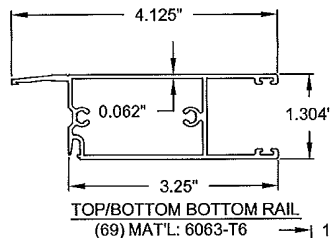
HEAVY DUTY ASTRAGAL
(68) MAT'L: 6063-T6



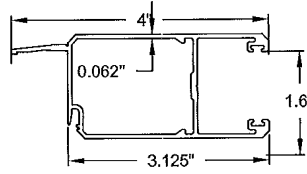
P-HOOK MOUNTING ADAPTOR
(28) MAT'L: 6063-T6



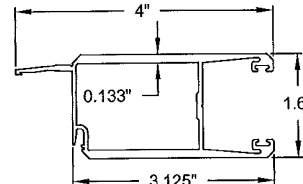
P-HOOK
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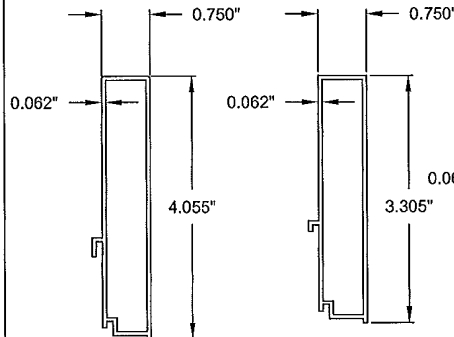
TOP/BOTTOM BOTTOM RAIL
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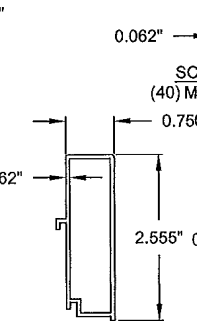
STANDARD STILE
(60) MAT'L: 6063-T6



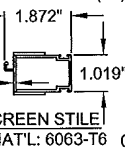
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(61) MAT'L: 6063-T6



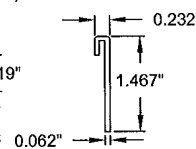
HIGH BOX SILL RISER
(24) MAT'L: 6063-T6



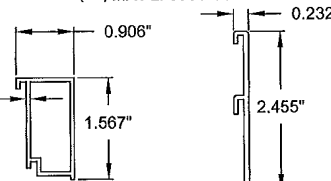
MEDIUM BOX SILL RISER
(23) MAT'L: 6063-T6



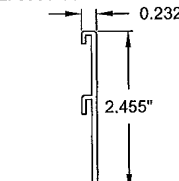
SCREEN STILE
(40) MAT'L: 6063-T6



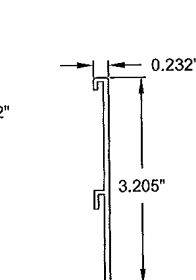
FLUSH FLAT SILL RISER
(18) MAT'L: 6063-T6



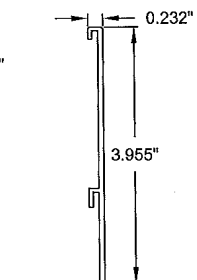
FLUSH BOX SILL RISER
(19) MAT'L: 6063-T6



LOW FLAT SILL RISER
(20) MAT'L: 6063-T6



MED. FLAT SILL RISER
(22) MAT'L: 6063-T6



HIGH FLAT SILL RISER
(25) MAT'L: 6063-T6

Revised By: J.J.
Date: 10/11/11
Revisions: C
NO CHANGE THIS SHEET

Revised By: JR
Date: 01/23/14
Revisions: C2
NO CHANGES TO THIS SHEET

Drawn By: SMC
Date: 08/05/09
Checked By: RJA
Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

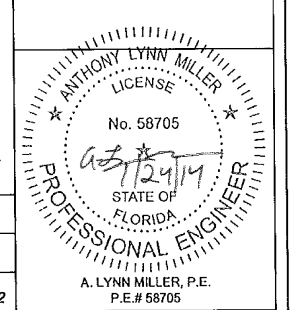


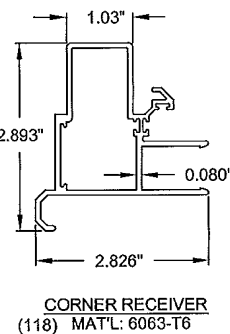
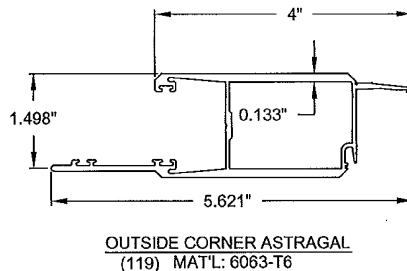
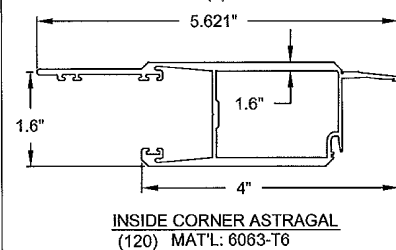
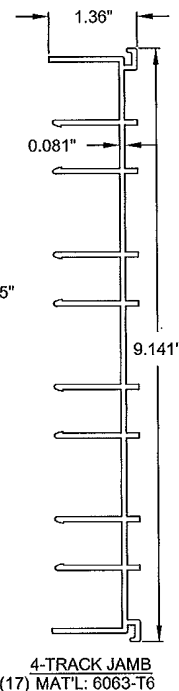
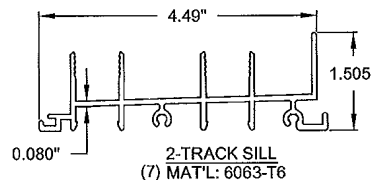
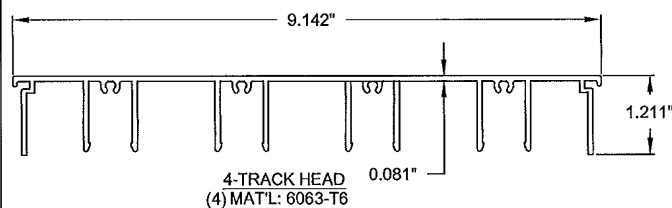
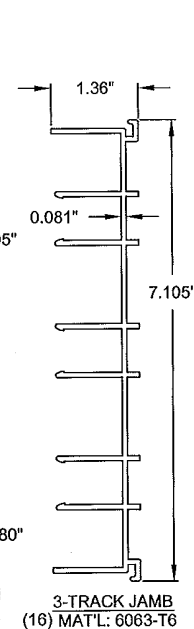
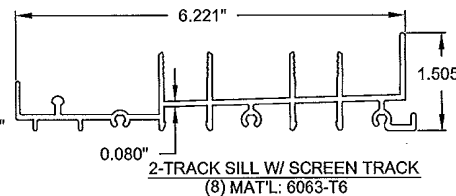
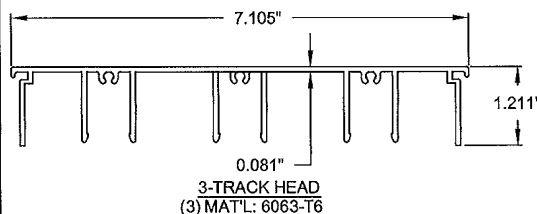
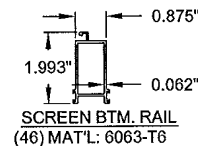
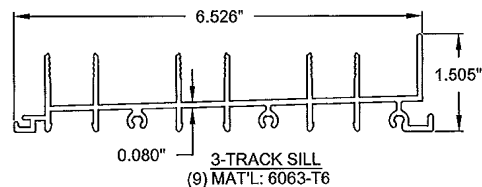
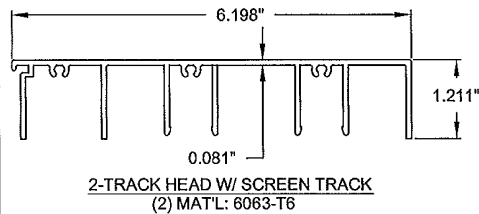
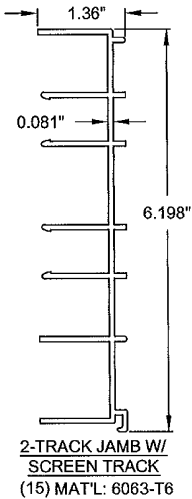
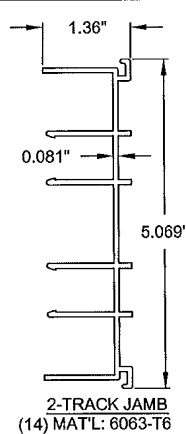
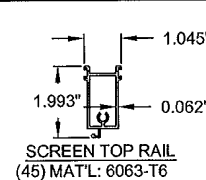
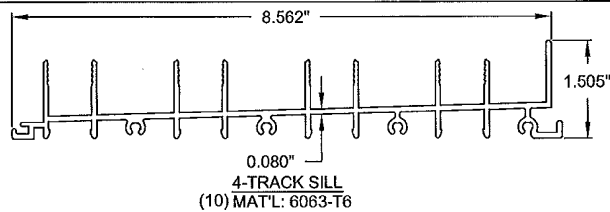
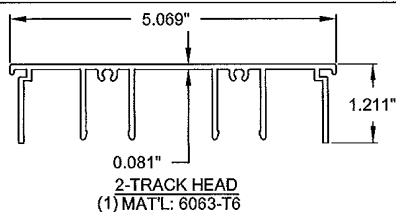
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EXTRUSIONS

Title:
SERIES 770 ALUMINUM SGD - LMI

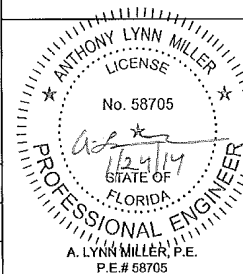
Series/Model: SGD770	Scale: NTS	Sheet: 22 of 23	Drawing No.: PGT0002	Rev: C2
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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0123.10
Expiration Date 02/17/2016
By: [Signature]
Miami Dade Product Control





PRODUCT REVISED
is complying with the Florida
Building Code
Acceptance No. 14-0123.10
Expiration Date 02/17/15
By *[Signature]*
Miami Dade Product Control



Revised By: J.J.	Date: 10/11/11	Revisions: C	NO CHANGE THIS SHEET
Revised By: JR	Date: 01/23/14	Revisions: C2	NO CHANGES TO THIS SHEET
Drawn By: SMC	Date: 08/04/09	Checked By: RJA	

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description:
EXTRUSIONS
Title:
SERIES 770 ALUMINUM SGD - LMI
Series/Model: SGD770
Scale: NTS
Sheet: 23 of 23
Drawing No: PGT0002
Rev: C2