



MIAMI-DADE COUNTY
DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

PGT Industries
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 PERA -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. PERA 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

APPROVAL DOCUMENT: Drawing No.PGT0002 Rev C, titled "Series 770 Alum SGD-LMP", sheets 1 through 23 of 23, prepared by manufacturer, dated 08/05/07 and last revised on 10/11/11, signed and sealed by 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

Limitations:

1. See table 1, 2 & 3, sheets 7, 8 & 9 of this approved drawing set for applicable SGD unit sizes, design pressures, reinforcements, glass types, sill riser and anchors requirements.
2. Egress operable doors must comply with min clear width per FBC, as applicable.
3. All laminated glazing options are with interior HS glass, see glazing options, sheet 1, 5 & 6.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and 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 # 09-0826.10 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

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



11/22/11

NOA No 11-1018.14
Expiration Date: February 17, 2015
Approval Date: December 01, 2011
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (transferred from file # **09-0826.10**).
2. Drawing No. **PGT0002 Rev C**, titled "Series 770 Alum SGD-LMP", sheets 1 through 23 of 23, prepared by manufacturer, dated 08/05/07 and last revised on 10/11/11, signed and sealed by Lynn Miller, P.E.

B. TESTS (transferred from file # **09-0826.10**)

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

Along with marked-up drawings and installation diagram of aluminum Sliding Glass Doors, prepared by Fenestration Testing Laboratory, Inc., Test Report 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** dated 08/10/09, all signed and sealed by Julio Gonzales, P.E.

Note: The test reports No. **FTL 5980, FTL 6001 and FTL 6015** have been revised and reissued on 12/29/09, signed and sealed by Julio Gonzales, P.E.

C. CALCULATIONS

1. Statement letter dated OCT 11, 2011 of compliance to FBC 2007 & FBC 2010, prepared by PGT, signed & sealed by Lynn Miller, P.E.
2. Statement letter dated 10/07/11, Successor Engineer adopting the another engineer's work per FAR 61G15-27-001, signed & sealed by Lynn Miller, P.E.
3. Anchor verification and comparative analysis dated 08-19-09, 12/03/09, 01/06/10 and last revised on 01/08/10, prepared by PTC, LLC, Robert J. Amoruso, P.E. (transferred from file # **09-0826.10**)
4. Glazing complies with ASTM E-1300-02 &-04

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont De Nemours & CO., Inc. for "DuPont SentryGlas ® Plus", expiring on 01/14/2012.
2. Notice of Acceptance No. **11-0624.01** issued to "E.I. DuPont Denemours" for "DuPont Butacite ® PVB", expiring on 12/11/16.

F. STATEMENTS

1. Statement letter dated OCT 11, 2011 of compliance to FBC 2007 & FBC 2010 and "No financial interest", prepared by PGT, signed & sealed by Lynn Miller, P.E.
1. Statement letter of conformance to FBC 2007 and no financial interest, dated 08-19-09, signed by Robert J. Amoruso, P.E. (transferred from file # **09-0826.10**)
2. Letter of lab compliance, part of the above test reports.

G. OTHER

1. This NOA revises # **09-0826.10**, expiring February 17, 2015.
2. Test proposals No(s) **09-0177, 0177-A, B & C** approved by BCCO.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 11-1018.14
Expiration Date: February 17, 2015
Approval Date: December 01, 2011

GENERAL NOTES: SERIES 770 LMI SLIDING GLASS DOOR

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

- GLASS STRENGTHS - I = TEMPERED HS = HEAT STRENGTHED
 INTERLAYER TYPES - SGP = .090 DUPONT SENTRY GLAS 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.

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-5983, FTL-8001, FTL-8014, FTL-8015, FTL-8017, FTL-8022, FTL-8023, FTL-8024, FTL-8025, FTL-8028, FTL-8031, FTL-8033 AND FTL-8036, DATED 8/7/09.
 ELCO TEXTRON NOA: 07-0425.01, 03-0226.05, ANSI/AFPA 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-DEDE COUNTY, USE ONLY MIAMI-DEDE 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 (G5). 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.

DESIGN PRESSURE CHART

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

NOA DRAWING MAP

SHEET	
GENERAL NOTES.....	1
QUALIFIED CONFIG.....	2-4
GLAZING DETAILS.....	5-6
ANCHORAGE.....	7-9
DESIGN PRESSURES.....	7-9
ELEVATIONS.....	15-16
CONFIGURATIONS.....	17
VERT. SECTIONS.....	18
HORIZ. SECTIONS.....	19-20
PARTS LIST.....	21
EXTRUSIONS.....	22-23

Concrete Screw Anchorage Minimum Embedment and Minimum Edge Distance Requirements

Type	Head and Sill				Jamb			
	Concrete				Un-Grouted CMU		Grouted CMU	
	Dia.	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 8/16"	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		

Concrete Strength Requirements

Type	Dia.	fc'
Elco Ultracon	1/4"	2700 psi
	5/16"	3500 psi
Elco Crete-Flex SS4	1/4"	3300 psi

Masonry Strength Requirements

Ungrouted CMU	ASTM C-90
Grouted CMU	ASTM C-90 with grout conforming to Sections 2105.2.2.1.2 and R903 of the FBC.

Definitions:

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

Wood Screws (Head, Sill & Jamb) in.

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

UNLESS OTHERWISE NOTED

CONCRETE SCREWS STRENGTHS:
 Fy MIN. = 135 KSI
 Fu MIN. = 177 KSI

Revised By: J.J.	Date: 10/11/11	Revision: C	FOR 2010 CODE CHANGE
Revised By: SMC	Date: 01/05/10	Revision: B	PER MIAMI DADE COMMENTS
Revised By: SMC	Date: 11/16/09	Revision: A	PER MIAMI DADE COMMENTS
Created By: SMC	Date: 08/05/07	Revision: A	

1870 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274



Description: GENERAL NOTES AND MAP

Series: 770 ALUMINUM SGD - LMI

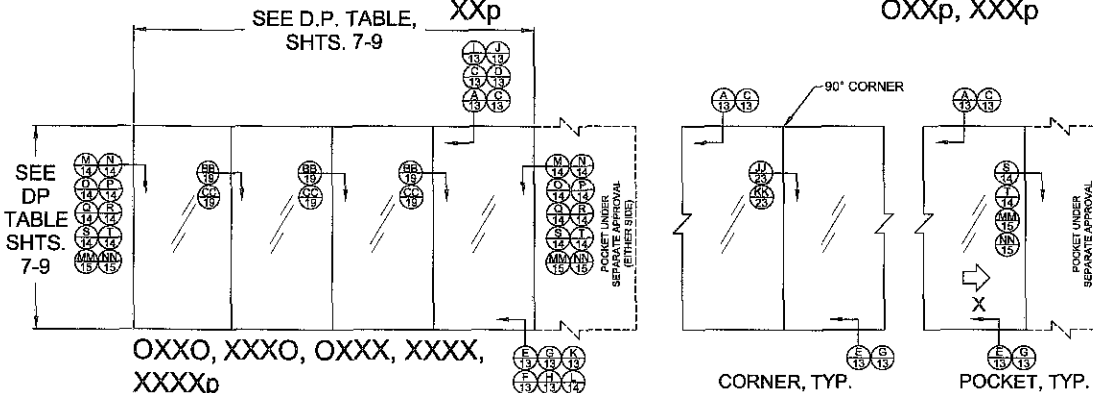
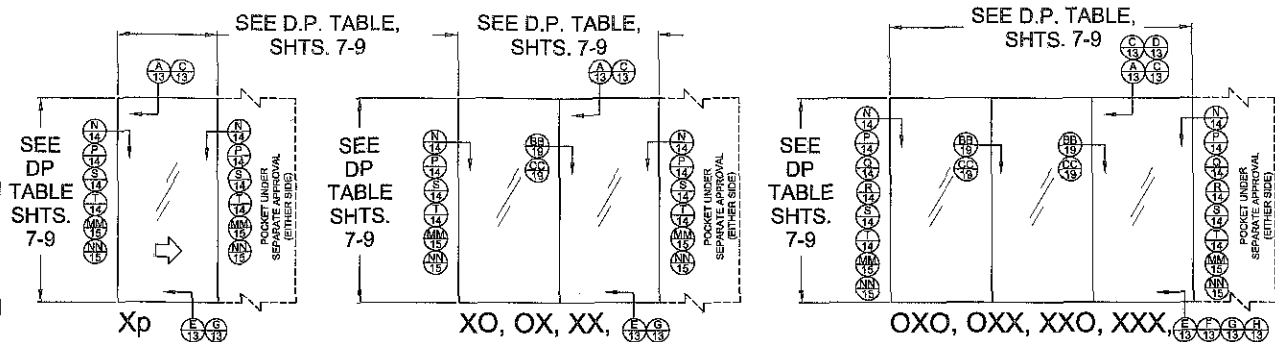
Model: NTS 1 of 23

Drawn by: PGT0002

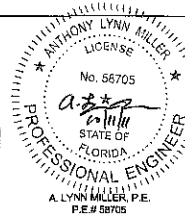
Sheet: C

ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 State of Florida
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E. # 58705

APPROVED CONFIGURATIONS:



PRODUCT REVIEWED
 no supplying with the Florida
 Building Code
 Assessor No. 11-1016-14
 Expiration Date 2/17/15
 By *Shawn J. Linn*
 Licensed Professional Engineer



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: JLM	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By: SMC	Date: 01/05/10	Revision: S	PER MIAMI DADE COMMENTS
Revised By: SMC	Date: 11/16/09	Revision: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 08/08/09	Checked By:	Date:

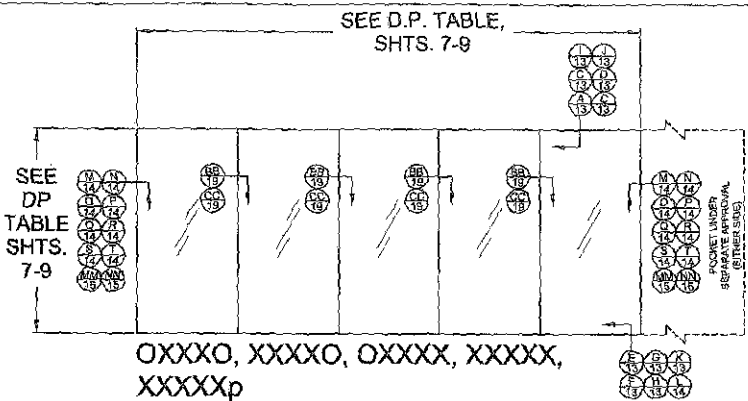
1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1525
 NOKOMIS, FL 34274



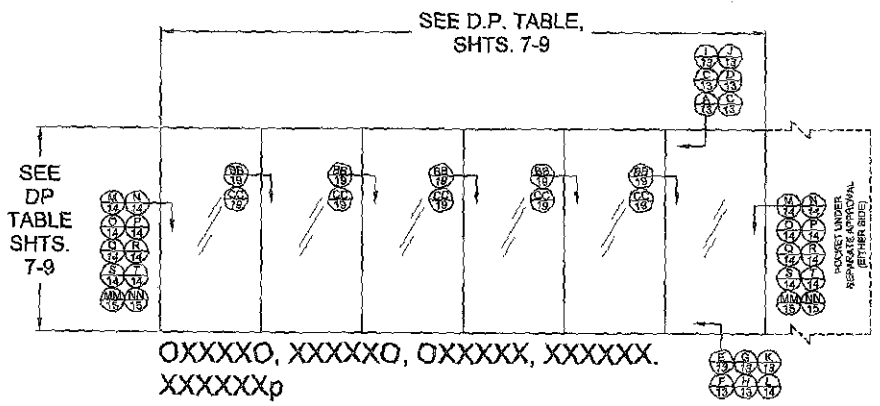
Description:
QUALIFIED CONFIGURATIONS

Title:
SERIES 770 ALUM. SGD - LMI

Sheet No: SGD772
 Project: NTS
 Issue: 2 of 23
 Drawing No: PGT0002
 Rev: C

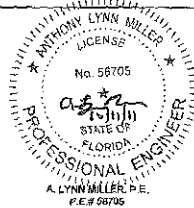


SEE 90° CORNER EXAMPLE AND POCKET DOOR NOTE ON SHEET 2



APPROVED CONFIGURATIONS

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Authorization No. 11-2012-114
Expiration Date 2/1/17
By: [Signature]
District Sales Professional (DSDP)



Revised By: J.L.	Date: 10/11/14	Revised: C	NO CHANGE THIS SHEET
Revised By: SMC	Date: 07/05/10	Revised: B	PER MIAMI DADE COMMENTS
Revised By: SMC	Date: 11/16/09	Revised: A	PER MIAMI DADE COMMENTS
Checked By: SMC	Date: 08/06/09	Checked By:	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1520
NOKOMIS, FL 34274

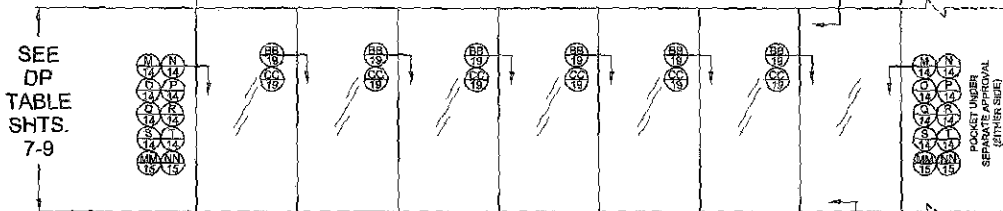


Manufacturer: **QUALIFIED CONFIGURATIONS**
Series: **SERIES 770 ALUM. SGD - LMI**
Order Number: 56270
Size: NTS
Sheet: 3 of 23
Drawing No: PGT0002

Date:
Rev: C

APPROVED CONFIGURATIONS:

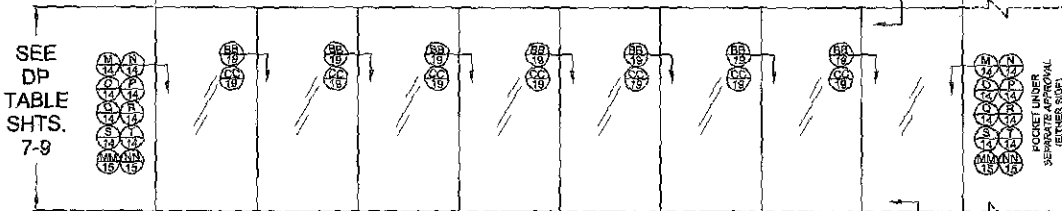
SEE D.P. TABLE,
SHTS. 7-8



OXXXXXO, XXXXXO, OXXXXXX, XXXXXXX,
XXXXXXXXp

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

SEE D.P. TABLE,
SHTS. 7-9



OXXXXXXXXO, XXXXXXXO, OXXXXXXXX, XXXXXXXX,
XXXXXXXXXp

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Acceptance File # 1815-14
Expiration Date: 2/1/15

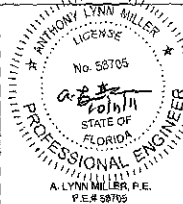
By *John J. Miller*
Island Trade Protection District

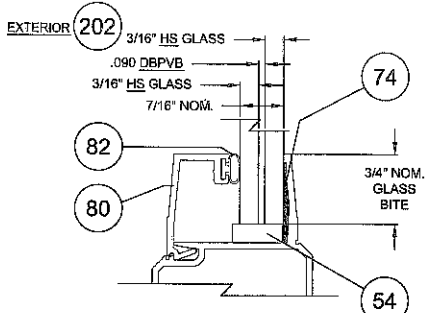
Revised By: J.L.L.	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By: SMC	Date: 08/25/10	Revision: B	PER MIAMI DADB COMMENTS
Revised By: SMC	Date: 11/15/09	Revision: A	PER MIAMI DADB COMMENTS
Drawn By: SMC	Date: 08/25/09	Revised By:	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 32076
P.O. BOX 1029
NOKOMIS, FL 32074

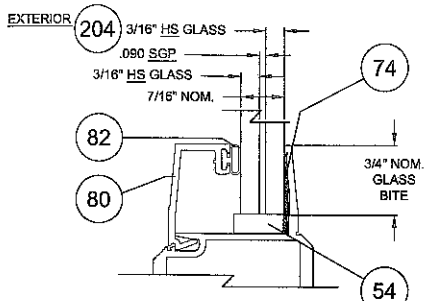


Manufacturer: QUALIFIED CONFIGURATIONS					
File: SERIES 770 ALUM. SGD - LMI					
Manufacturer: SGT770	Material: NTS	Finish: 4	Color: 23	Drawing No: PGT0002	Rev: C

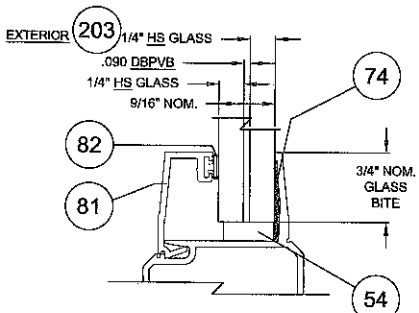




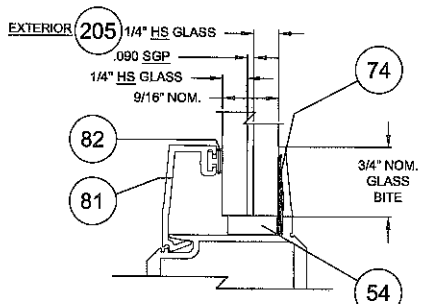
7/16" LAMINATED GLASS TYPES G3



7/16" LAMINATED GLASS TYPES G4



9/16" LAMINATED GLASS TYPES G3A



9/16" LAMINATED GLASS TYPES G4A

PRODUCT REVISED
to comply with the Florida
Building Code
Amendment No. 11-1615-14
Registration No. 21171165
Anthony Lynn Miller
Registered Professional Engineer

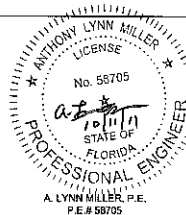
Revised By: J.J.	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By: SMC	Date: 11/16/09	Revision: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 08/08/09	Checked By:	

1070 TECHNOLOGY DRIVE
NORONAS, FL 34275
P.O. BOX 1528
NORONAS, FL 34274

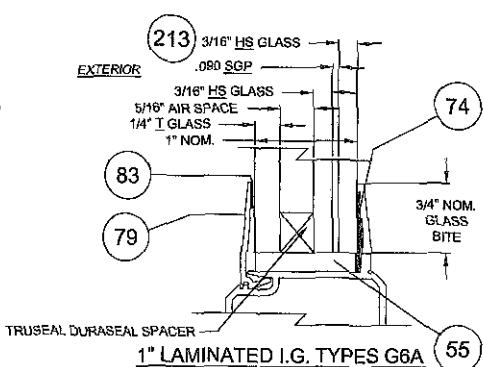
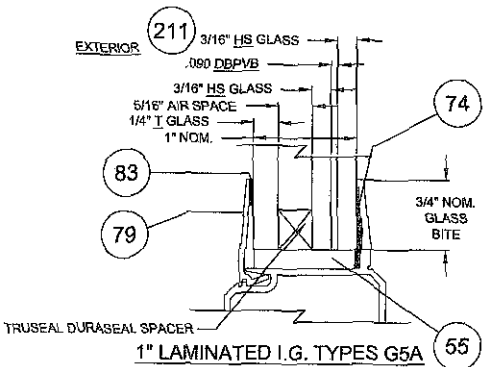
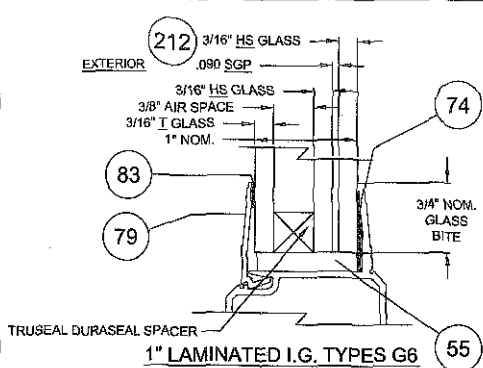
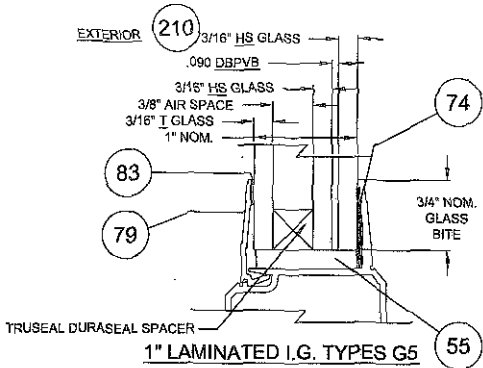


Description
GLAZING DETAILS
The
SERIES 770 ALUMINUM SGD - LMI

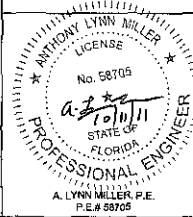
Subcontractor: SGD770	Scale: NTS	Sheet: 5 of 23	Drawing No: PGT0002	Rev: C
-----------------------	------------	----------------	---------------------	--------



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



PRODUCT REVISED
to comply with the Florida
Building Code
Amendment No. 11-1018.14
Change Order 2-17-15
By *Anthony Lynn Miller*
Professional Engineer



Revised By: J.J.	Date: 7/01/11	Revision: C	NO CHANGE THIS SHEET
Drawn By: SMC	Date: 11/18/09	Revision: A	PER MIAMI DADE COMMENTS
Checked By: SMC	Date: 08/05/09	Revision: R2A	

1070 TECHNOLOGY DRIVE
NORONDIS, FL 34275
P.O. BOX 1528
NORONDIS, FL 34274



Series/Title: GLAZING DETAILS	Scale: NTS	Sheet: 6	Total: 23	Drawn by: PGT0002	Rev: C
Series/Title: SERIES 770 ALUMINUM SGD - LMI	Scale:	Sheet:	Total:	Drawn by:	Rev:

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

- Anchor Types:
 1) "1/4" ELOO 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.

NOM. PANEL WIDTH	FRAME SIDE	UNIT HEIGHT											
		80			84			90			96		
		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 - 3, 3A, 5, 5A		+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 - 3, 3A, 5, 5A		+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 - 3, 3A, 5, 5A		+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	5
GLASS TYPE - 3, 3A, 5, 5A		+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	5	5	5	5	5	5
GLASS TYPE - 3, 3A, 5, 5A		+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

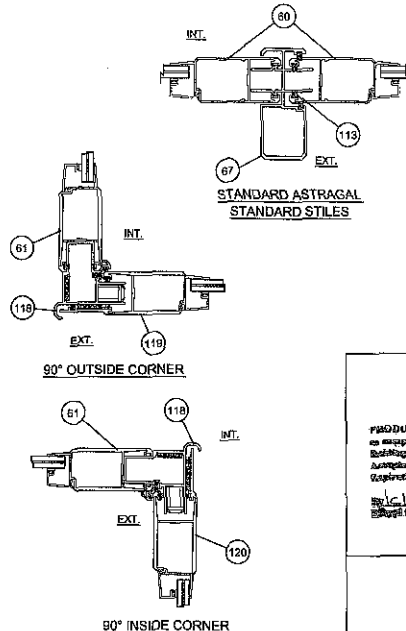
- POSITIVE PRESSURES IN TABLE ARE BASED ON THE USE OF THE 3 1/4" SILL.
- WHEN USING THE 2 1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX. (NEGATIVE PRESSURES UNCHANGED) - SEE TABLE 1A.
- 4", 3 1/4" AND 2 1/2" SILL HEIGHTS ARE TESTED FOR WATER 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.
- SEE SHEETS 10 THROUGH 15 FOR ANCHORAGE SPACING AND EMBEDMENT INFORMATION.
- DOOR SIZE TO COMPLY WITH FBC EGRESS REQUIREMENTS.

○ = EXAMPLE ON SHEET 10

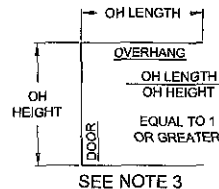
SILL HT. VS POS. DP	
SILL RISE HEIGHT	(+) DESIGN LOAD
FLUSH 1-1/2"	NA
LOW 2-1/2"	+ 46.67 PSF
MED 3-1/4"	+ 60.0 PSF
HIGH 4"	+ 60.0 PSF

SEE NOTES 1-3

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



PRODUCT REVISED as complying with the Florida Building Code Amendment No. 11-10 15-14 (Supersede Rev. 2-07-11) Nicholas Engineering Group Inc. Professional Engineer

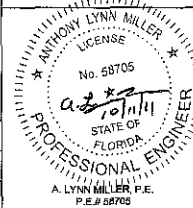


Revised By: J.A. 10/11/11	Approved: C	NO CHANGE THIS SHEET
Revised By: SMC 01/05/10	Revised: B	PER MIAMI DADE COMMENTS
Revised By: SMC 11/18/09	Revised: A	PER MIAMI DADE COMMENTS
Drawn By: SMC 09/03/09	Checked: []	

1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 33475
 P.O. BOX 1529
 NOKOMIS, FL 33474



Company: DP AND ANCHORAGE
 Title: SERIES 770 ALUMINUM SGD - LMI
 Scale: NTS
 Sheet: 7 of 23
 Drawing No.: PGT0002
 Rev: C

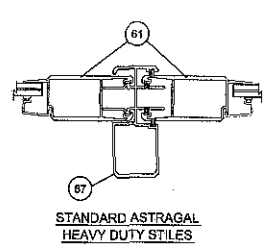


DESIGN PRESSURE AND ANCHORAGE - UNREINFORCED - HEAVY DUTY STILE - STANDARD ASTRAGAL

> 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" HS. / SGP/3/16" I.S.)
- G4A - 9/16" LAMINATED GLASS - (1/4" HS / SGP/ 1/4" I.S.)
- G6 - 7/16" LAMINATED GL.U. - (3/16" TBP. /AIR/ 3/16" HS. / SGP/ 3/16" H.S.)
- G6A - 7/16" LAMINATED GL.U. - (1/4" TBP. /AIR/ 3/16" HS. / SGP/ 3/16" H.S.)

- Anchor Types:
- 1) "1M" ELCO ULTRACON (FORMERLY TAPOON)
 - 2) "1M" S&S CRETE-FLEX
 - 3) "5/16" ULTRACON
 - 4) "W12" STEEL SCRBW (65)
- *SEE ANCHORAGE NOTES 1 & 2 ON SHEET 1.



**STANDARD ASTRAGAL
HEAVY DUTY STILES**

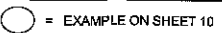
SEE SHEET 7 OR 9 FOR 90°
INSIDE & OUTSIDE CORNER DETICTION

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

REVISIONS
 as complying with the Florida
 Building Code
 Amendment 2011-10-15-14
 Supersedes Date 2/17/2015
 By: *Wade Phillips*
 (Professional Engineer)

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

PANELS OVER 48" WIDE
NOT AVAILABLE OVER 96" HIGH

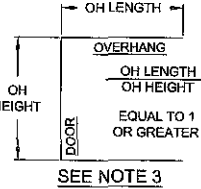


1. POSITIVE PRESSURES IN TABLE ARE BASED ON THE USE OF THE 3 1/4" SILL.
2. WHEN USING THE 2 1/2" SILL, POSITIVE DP IS 46.67 PSF MAX. WHEN USING THE 4" SILL, POSITIVE DP IS 60.0 MAX.
(NEGATIVE PRESSURES UNCHANGED). SEE TABLE 2A.
3. 2 1/2", 3 1/4" AND 4" SILL HEIGHTS ARE TESTED FOR WATER INFILTRATION WHEREAS 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.

TABLE 2A

SILL HT. VS POS. DP	
SILL RISE	(+) DESIGN LOAD
HEIGHT	
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

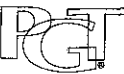


Revised By: J.J. Date: 10/11/11
 Checked By: SMC
 Revised By: SMC Date: 03/25/10
 Checked By: SMC Date: 11/26/09
 Drawn By: SMC Date: 08/25/09

NO CHANGE THIS SHEET

PER MIAMI DADE COMMENTS
 PER MIAMI DADE COMMENTS

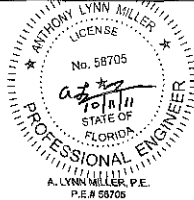
1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274



DP AND ANCHORAGE

SERIES 770 ALUMINUM SGD - LMI

SGD770 NTS 8 of 23 PGT002



DESIGN PRESSURE AND ANCHORAGE - UN-REINFORCED - HEAVY DUTY SILL - 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.

Anchor Types:

- 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.)
- G8 - 7/16" LAMINATED I.G.U. - (3/16" TEMP. / AIR / 3/16" H.S. / SGP / 3/16" H.S.)
- G8A - 7/16" LAMINATED I.G.U. - (1/4" TEMP. / AIR / 3/16" H.S. / SGP / 3/16" H.S.)
- 1) 1/4" ELCO ULTRACON (FORMERLY TAPCON)
- 2) 1/4" SS4 CRETE-FLEX
- 3) 5/16" ULTRACON
- 4) #12 STEEL SCREW (G5)

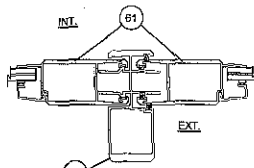
* SEE ANCHORAGE NOTES 1 & 2 ON SHEET 1.

NOM. PANEL WIDTH	FRAME SIDE	UNIT HEIGHT											
		80			84			90			96		
		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 - 4, 4A, 6, 6A		90.0	-90.0		90.0	-90.0		90.0	-90.0		90.0	-90.0	
24	H&S	C6+2	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	10
	P-HOOK	5	5	5	5	5	5	5	5	6	6	6	6
GLASS TYPE - 4, 4A, 6, 6A		90.0	-90.0		90.0	-90.0		90.0	-90.0		90.0	-90.0	
30	H&S	C6+2	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	10
	P-HOOK	6	6	6	6	6	6	6	5	7	7	7	7
GLASS TYPE - 4, 4A, 6, 6A		90.0	-90.0		90.0	-90.0		90.0	-90.0		90.0	-90.0	
36	H&S	C6+2	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	10
	P-HOOK	6	6	7	7	7	7	7	7	8	8	8	8
GLASS TYPE - 4, 4A, 6, 6A		90.0	-90.0		90.0	-90.0		90.0	-90.0		90.0	-90.0	
42	H&S	C6+2	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	10
	P-HOOK	7	7	7	7	7	8	8	8	8	9	9	9
GLASS TYPE - 4, 4A, 6, 6A		90.0	-90.0		90.0	-90.0		90.0	-90.0		90.0	-90.0	
48	H&S	C6+2	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	10
	P-HOOK	8	8	8	8	8	8	9	9	9	10	10	10

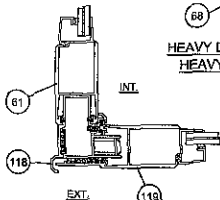
- POSITIVE PRESSURES IN TABLE ARE BASED ON THE USE OF THE 4" SILL.
- WHEN USING THE 2 1/2" SILL, POSITIVE DP IS 46.87 PSF MAX. AND WITH THE 3 1/4" SILL, POSITIVE PRESSURES IS 80.0 PSF MAX.
- (NEGATIVE PRESSURES UNCHANGED). SEE TABLE 3A.
- 2 1/2", 3 1/4", AND 4" SILL HEIGHTS ARE TESTED FOR WATER INFILTRATION 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.
- SEE SHEETS 10 THROUGH 16 FOR ANCHORAGE SPACING AND EMBEDMENT INFORMATION.
- DOOR SIZE TO COMPLY WITH FBC EGRESS REQUIREMENTS.

SILL HT. VS POS. DP	
SILL RISE HEIGHT	(+) DESIGN LOAD
FLUSH - 1-1/2"	N/A
LOW - 2-1/2"	+46.87 PSF
MED - 3-1/4"	+80.0 PSF
HIGH - 4"	+90.0 PSF

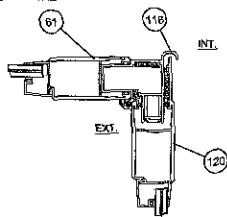
SEE NOTES 1 & 3



HEAVY DUTY ASTRAGAL
HEAVY DUTY STILES



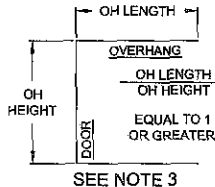
90° OUTSIDE CORNER



90° INSIDE CORNER

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

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Amendment No. 11-1019.14
 Application No. 21172015
 By *[Signature]*
 Licensed State Engineer



SEE NOTE 3

Revised By: J.J.	Date: 10/11/11	Revised By: C	Date: NO CHANGE THIS SHEET
Revised By: SMC	Date: 11/02/10	Revised By: B	Date: PER MIAMI DADE COMMENTS
Revised By: SMC	Date: 11/15/09	Revised By: A	Date: PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 09/05/09	Checked By:	Date:

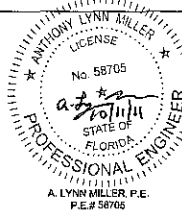
1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1929
 NOKOMIS, FL 34274



Product: DP AND ANCHORAGE

Series: SERIES 770 ALUMINUM SGD - LMI

Manufacturer: SGD770	Scale: NTS	Sheet: 9	Of: 23	Design No.: PGT0002	Rev: C
----------------------	------------	----------	--------	---------------------	--------



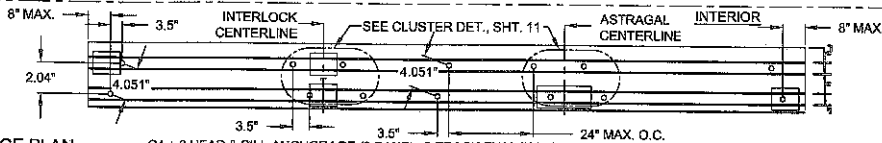
ANCHORAGE REQUIREMENTS - NOTES:

- 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)
- ANCHOR LOCATION SPACING FOR ANCHOR QUANTITIES SPECIFIED IN TABLES 1-3, SHTS. 7-9.

HEAD & SILL..... 8" MAX. FROM 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.

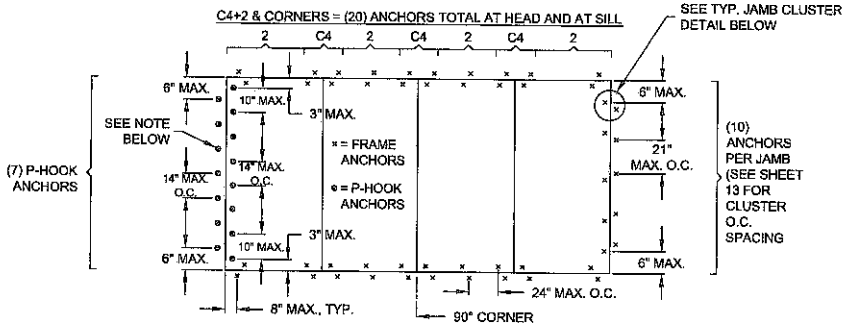
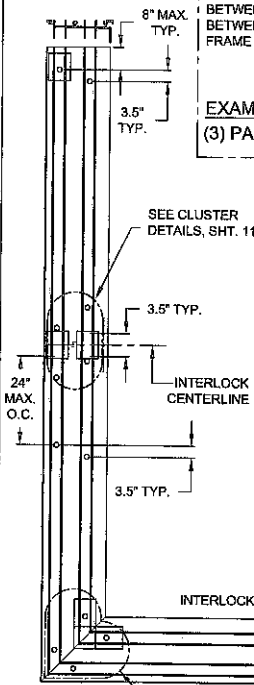
"ANCHORS PER PANEL" ARE THOSE AT THE HEAD AND SILL BETWEEN CLUSTERS OR THOSE BETWEEN A CLUSTER AND A FRAME JAMB OR P-HOOK.



EXAMPLE OXX ANCHORAGE PLAN:

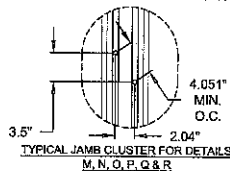
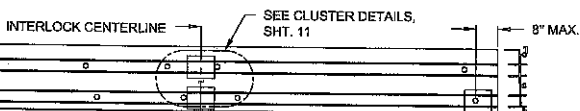
(3) PANEL, 48" x 96" DOOR FROM TABLE 1, SHT. 7, ANCHOR TYPES 2 & 4 IN WOOD SUBSTRATE

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



PRODUCT REVIEWED
in compliance with the Florida
Building Code
Acceptance No. 11-1018-14
Expiration Date 2/17/15

By *Anthony Lynn Miller*
Professional Engineer

(10)
ANCHORS
PER JAMB
(SEE SHEET
13 FOR
CLUSTER
O.C.
SPACING

EXTERIOR

SEE CLUSTER DETAILS, SHT. 12

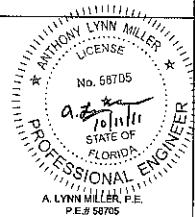
NOTE: SEE DETAILS S & T ON SHEET 14 & DETAILS
MM & NN ON SHEET 15 FOR P-HOOK ANCHORS

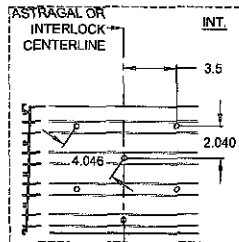
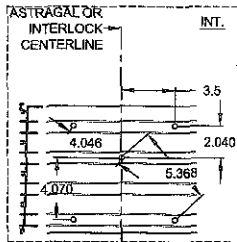
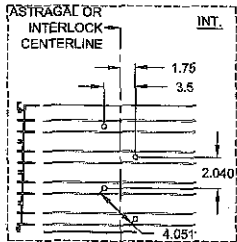
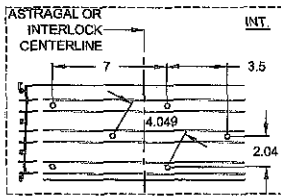
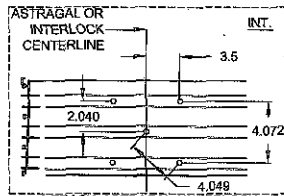
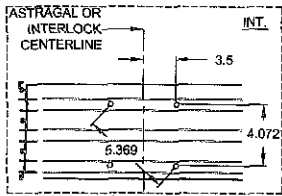
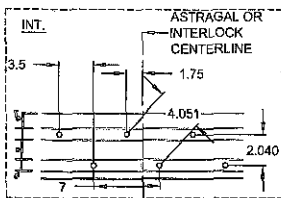
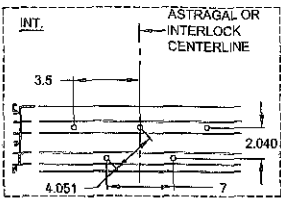
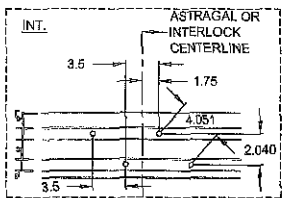
Revised By: J.J.	Date: 10/11/11	Revised: C	NO CHANGE THIS SHEET
Drawn By: SMC	Date: 01/05/10	Revised: B	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 11/15/09	Revised: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 09/05/09	Revised: RJA	

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



Anchor Spacing & Example Plans	
SERIES 770 ALUMINUM SGD - LMI	
Sheet: SGT/70	Rev: NTS 10 of 23
Drawn By: PGT0002	App: C





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

PRODUCT REVISED to comply with the Florida Building Code
 Amendment No. 11-10 12-14
 Expiration Date 2-1-15
 By *Anthony Lynn Miller*
 Licensed Professional Engineer

Revised By: J.J.	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By:	Date:	Revision:	
Revised By: SMC	Date: 11/16/08	Revision: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 02/05/09	Checked By:	Date:

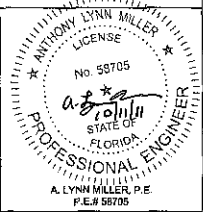
1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 32275
 P.O. BOX 1529
 NOKOMIS, FL 32274

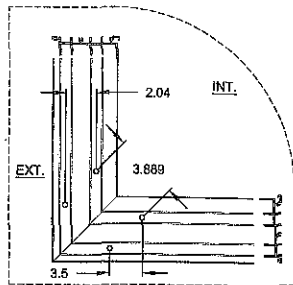


ANCHORAGE, EXAMPLE CLUSTERS

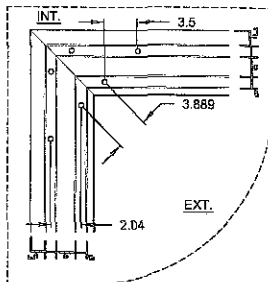
SERIES 770 ALUMINUM SGD - LMI

Series: SGD770	Scale: NTS	Sheet: 11 of 23	Drawing No: PG10002	Rev: C
----------------	------------	-----------------	---------------------	--------



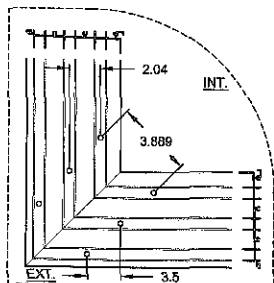


2-TRACK, 90° OUTSIDE CORNER SHOWN,
2-TRACK, 90° INSIDE CORNER SIMILAR (OPPOSITE)
ANCHOR CLUSTER - C4

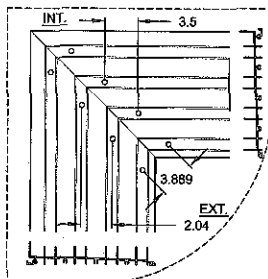


2-TRACK, 90° INSIDE CORNER SHOWN,
2-TRACK, 90° OUTSIDE CORNER SIMILAR (OPPOSITE)
ANCHOR CLUSTER - C6
USED FOR C5 AND C8

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

PRODUCT REVISED
to comply with the Florida
Building Code
Amendment No. 11-1012.14
Revisive Date: 2/11/15
By: *Anthony Lynn Miller*
District Order Product Control

Revised By: J.J.	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By: SMC	Date: 03/05/10	Revision: B	PER MIAMI DADE COMMENTS
Revised By: SMC	Date: 1/1/09	Revision: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 09/05/09	Checked By:	Date:

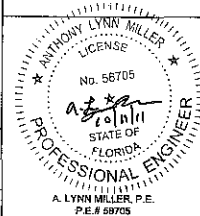
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

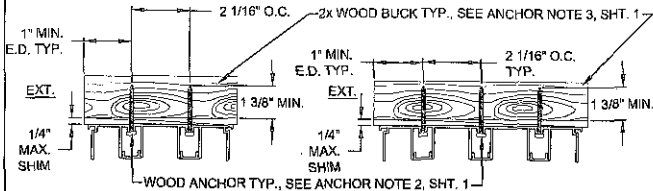


ANCHORAGE, EXAMPLE CLUSTERS

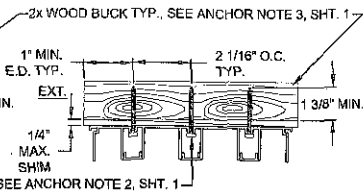
SERIES 770 ALUMINUM SGD - LMI

Product: SGD770	Series: NTS	Quantity: 12 of 23	Drawing No: PGT0002	Page: C
-----------------	-------------	--------------------	---------------------	---------

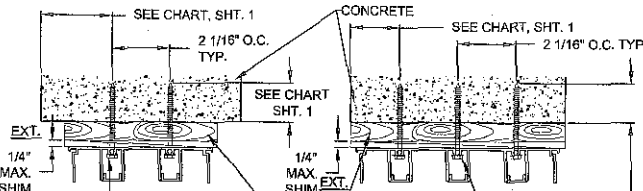




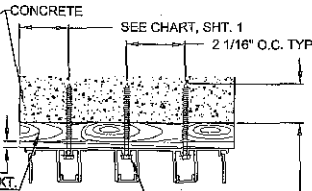
DETAIL A. 2-TRACK FRAME HEAD WOOD INSTALLATION



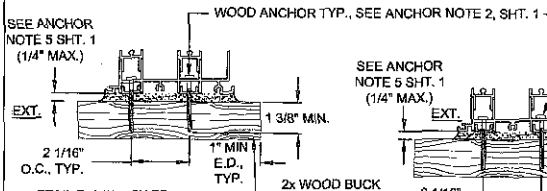
DETAIL B. 3-TRACK FRAME HEAD WOOD INSTALLATION



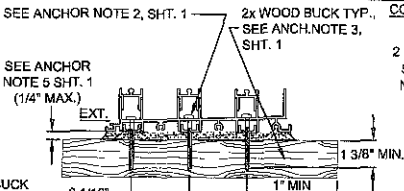
DETAIL C. 2-TRACK FRAME HEAD CONCRETE INSTALLATION



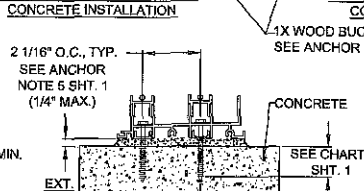
DETAIL D. 3-TRACK FRAME HEAD CONCRETE INSTALLATION



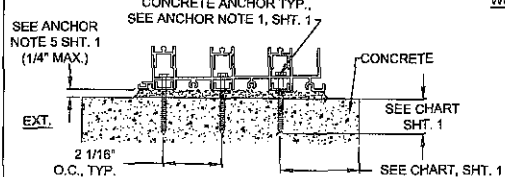
DETAIL E. 2-TRACK FRAME SILL WOOD INSTALLATION



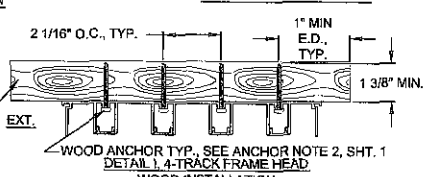
DETAIL F. 3-TRACK FRAME SILL WOOD INSTALLATION



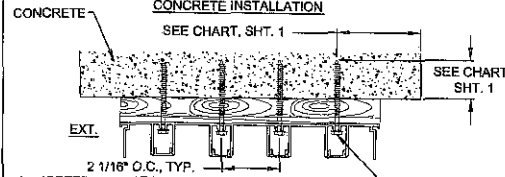
DETAIL G. 2-TRACK FRAME SILL CONCRETE INSTALLATION



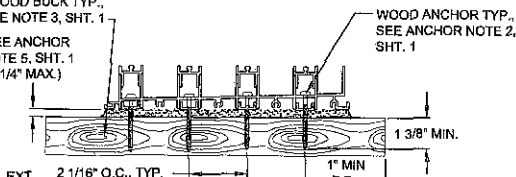
DETAIL H. 3-TRACK FRAME SILL CONCRETE INSTALLATION



DETAIL I. 4-TRACK FRAME HEAD WOOD INSTALLATION



DETAIL J. 4-TRACK FRAME HEAD CONCRETE INSTALLATION



DETAIL K. 4-TRACK FRAME SILL WOOD INSTALLATION

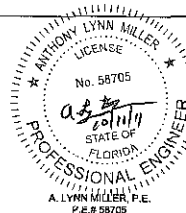
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Approve No. 11-1012-14
 Registration No. 2117115
Anthony Lynn Miller
 Licensed Professional Engineer

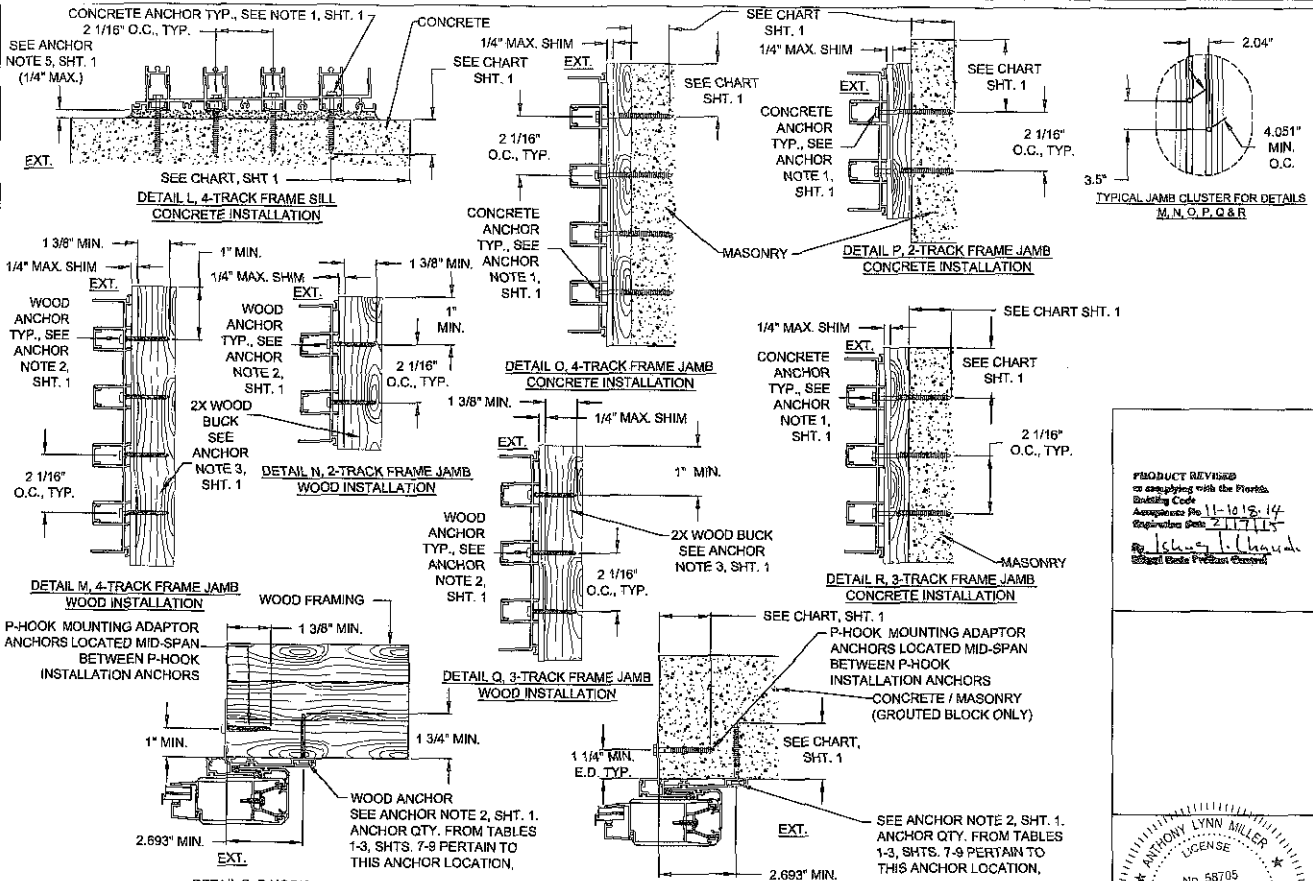
Revised By: J.J. SMC	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By: SMC	Date: 01/05/10	Revision: B	PER MIAMI DADE COMMENTS
Revised By: SMC	Date: 11/18/09	Revision: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 08/03/09	Checked By:	

1970 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274

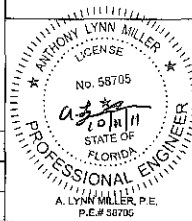


Description: **ANCHORAGE DETAILS**
 Title: **SERIES 770 ALUMINUM SGD - LMI**
 Specification: SGT770
 Part: NTS
 Size: 13 x 23
 Drawing No.: PGT002
 Rev: C





PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No 11-1015-14
Specimen No 211715
By Johnny Johnson
Struct. Steel Fabrication Control



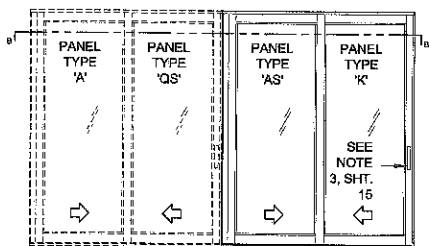
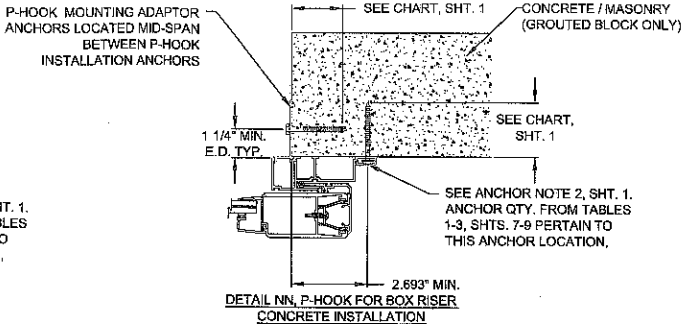
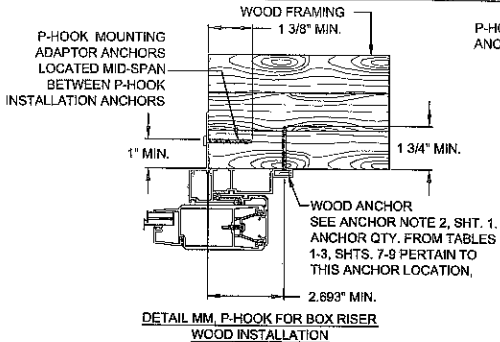
Revised By: JLM	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By: SMG	Date: 01/25/10	Revision: D	PER MIAMI DADE COMMENTS
Revised By: SMG	Date: 11/16/09	Revision: A	PER MIAMI DADE COMMENTS
Drawn By: SMCA	Date: 08/05/09	Checked By:	Date:

1670 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P. O. BOX 1626
NOKOMIS, FL 34274



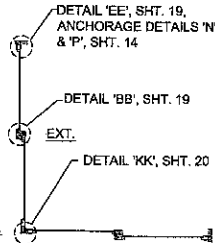
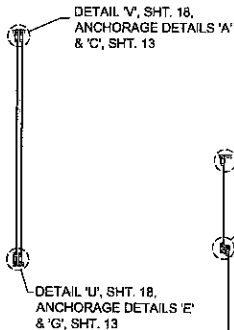
Description: ANCHORAGE DETAILS		Scale:	Sheet:	Drawing No.:	Rev.:
Date:		NTS	14	23	C
Series: SERIES 770 ALUMINUM SGD - LMI		Sheet:	Drawing No.:		
Std: 770		PGT002		C	



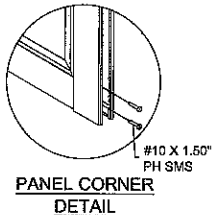
DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = NOM. PANEL HEIGHT - 8.25"

XX-90° CORNER-XX (2 TRACK INSIDE 90° CORNER)

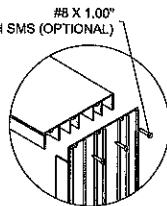
*SEE APPLICABLE ASTRAGAL & INTERLOCK PER DP TABLES



HORIZONTAL SECTION B-B



PANEL CORNER DETAIL



FRAME CORNER DETAIL

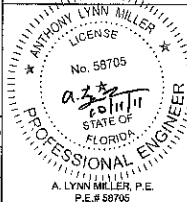
PRODUCT REVISED
in compliance with the Florida
Building Code
Amendments No. 11-1015, 14
Regulations Date 2-17-15
By: *[Signature]*
Richard Wade Professional Engineer

Revised By: J.J.	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By: SMC	Date: 01/02/10	Revision: B	PER MIAMI DADE COMMENTS
Revised By: SMC	Date: 11/19/09	Revision: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 02/05/09	Checked By:	Date:

1070 TECHNOLOGY DRIVE
NOKOMAS, FL 34275
P.O. BOX 1509
NOKOMAS, FL 34274

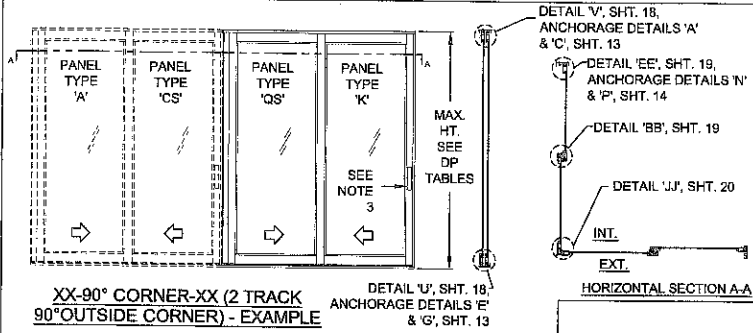
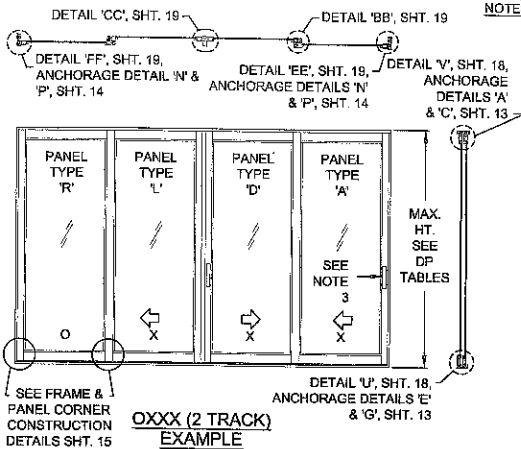


Description: ANCHORAGE DETAILS / EXAMPLE ELEVATION			
Title: SERIES 770 ALUMINUM SGD - LMI			
Scale: SGD770	Sheet: NTS	Sheet: 15	Sheet: 23
Drawn By: PGT0002	Check:	Drawn By:	Rev: C

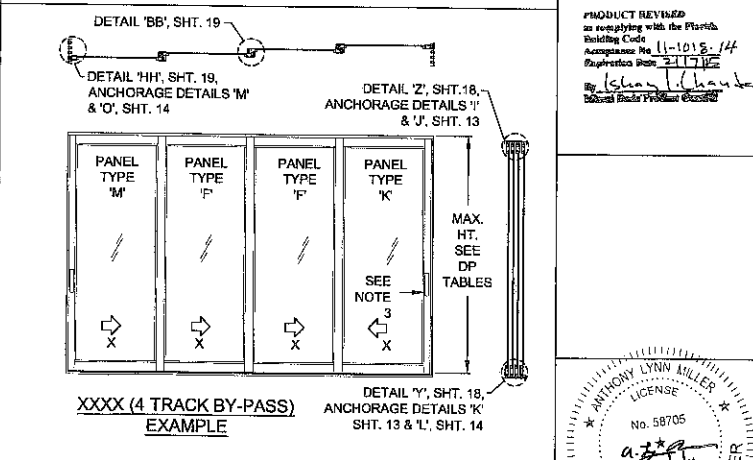
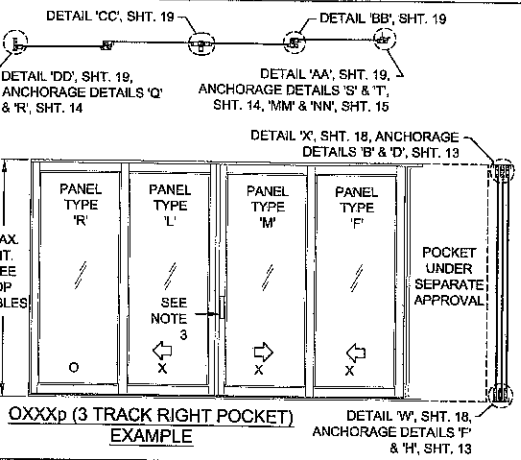


NOTES:

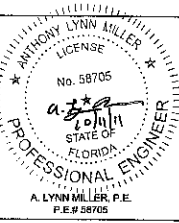
1. SEE SHT. 17 FOR INDIVIDUAL PANEL CONFIGURATIONS AS APPLICABLE. PLEASE SEE DP CHARTS FOR MAX PANEL HEIGHT AND WIDTH. PLEASE SEE SHTS. 18-20 FOR SECTION DETAILS AND SHTS. 7-15 FOR ANCHORAGE DETAILS.
2. DLO WIDTH = NOM. PANEL WIDTH - 7" DLO HEIGHT = NOM. PANEL HEIGHT - 8.25"
3. (1) LOCK (ITEMS 70 & 107-110)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



HORIZONTAL SECTION A-A



PRODUCT REVIEWED
as complying with the Florida
Building Code
Appreciation No. 11-1018-14
Expiration Date: 2-17-18
By: *[Signature]*
Special Code Provisions Checked



Prepared By: J.J.	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Drawn By: SMC	Date: 01/26/10	Revision: B	PER MIAMI DADE COMMENTS
Checked By: SMC	Date: 11/16/09	Revision: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 08/05/09	Revision: RJA	

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 33475
P.O. BOX 1529
NOKOMIS, FL 33474



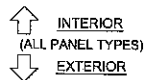
Description: **EXAMPLE ELEVATIONS**
SERIES 770 ALUMINUM SGD - LMI
Scale: NTS
Sheet: 16 of 23
Drawing No.: PGT0002

Rev. C

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

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

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



PRODUCT REVIEW
as complying with the Florida Building Code
Adopted Per 11-1015-14
Expiration Date 7-1-17
By *Ismael P. Chavez*
Ismael P. Chavez, P.E.
Professional Engineer

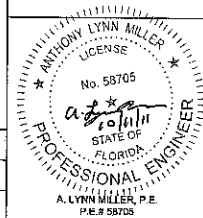
Revised By: J.J.	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Named By:	Date:	Revision:	
Named By: S/MC	Date: 11/16/09	Revision: A	PER MIAMI DADE COMMENTS
Checked By: SMC	Date: 08/05/09	Checked By: FJA	

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

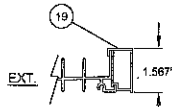


Description: **PANEL TYPES**
Title: **SERIES 770 ALUMINUM SGD - LMI**

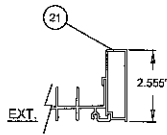
Scale: SGD770	Sheet: NTS	Drawn: 17	Check: 23	Drawn No: PGT0002	Rev: C
---------------	------------	-----------	-----------	-------------------	--------



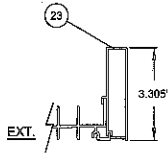
SILL RISERS OPTIONS



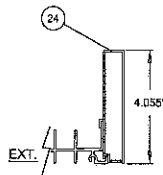
FLUSH BOX SILL RISER



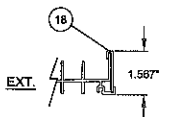
LOW BOX SILL RISER



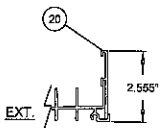
MEDIUM BOX SILL RISER



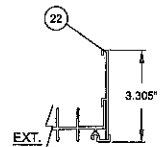
HIGH BOX SILL RISER



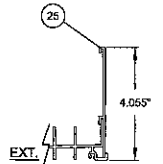
FLUSH FLAT SILL RISER



LOW FLAT SILL RISER

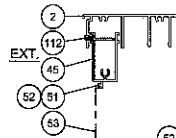


MEDIUM FLAT SILL RISER

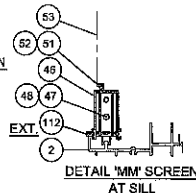


HIGH FLAT SILL RISER

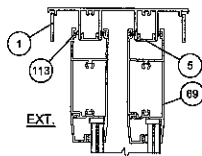
← EXTERIOR INTERIOR →
(ALL VERT. SECTIONS)



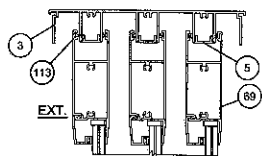
DETAIL 'LL' SCREEN
AT HEAD



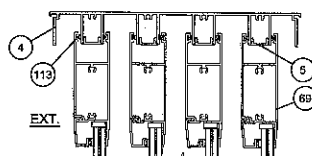
DETAIL 'MM' SCREEN
AT SILL



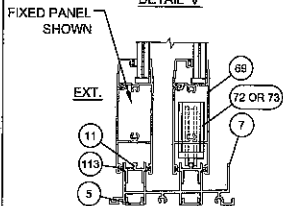
DETAIL 'V'



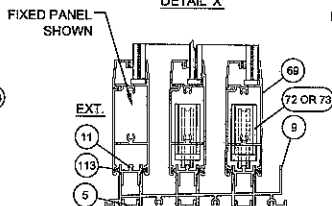
DETAIL 'X'



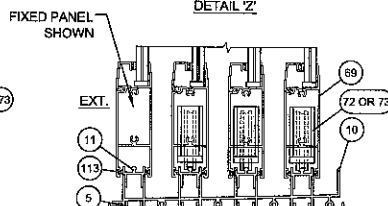
DETAIL 'Z'



DETAIL 'U'

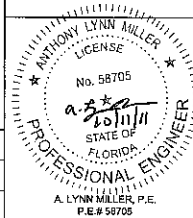


DETAIL 'W'



DETAIL 'Y'

PRODUCT REVISED
to comply with the Florida
Building Code
Amendment No. 11-1019-14
Effective Date 2/1/15
By: *Anthony L. Miller*
Professional Engineer



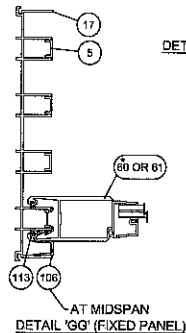
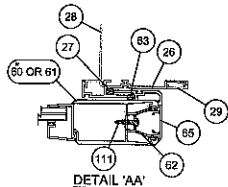
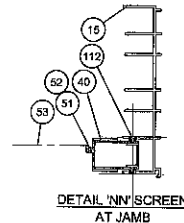
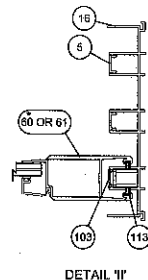
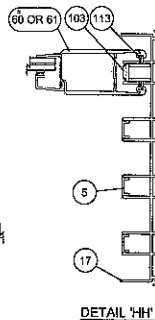
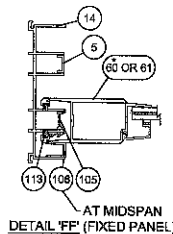
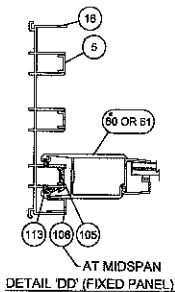
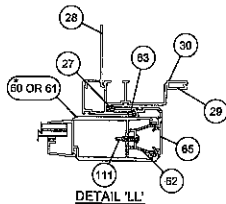
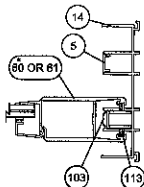
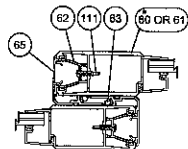
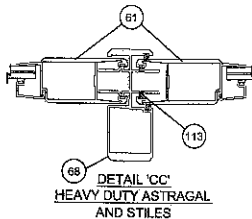
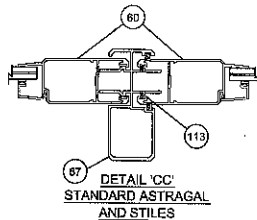
Revised By: J.J.	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By: SMC	Date: 01/05/10	Revision: B	PER MIAMI DADE COMMENTS
Revised By: SMC	Date: 11/15/09	Revision: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 08/05/09	Checked By: RJA	

1670 TECHNOLOGY DRIVE
NOKOMIS, FL 34215
P.O. BOX 1529
NOKOMIS, FL 34214



Vertical SECTION DETAILS
SERIES 770 ALUMINUM SGD - LMI

Specification: SGD770	Scale: NTS	Sheet: 18 of 23	Drawing No: PGT0002	Rev: C
-----------------------	------------	-----------------	---------------------	--------



↑ INTERIOR
(ALL HORIZ. SECTIONS)
↓ EXTERIOR

PRODUCT REVISED
in compliance with the Florida
Building Code
Amendments for
Effective Date 2/1/15
By *Shua Li Miller*
Product Model Product Control

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

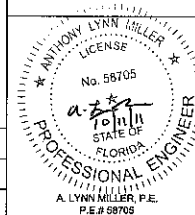
Revised By: J.J.	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By: SMC	Date: 01/09/10	Revision: D	PER MIAMI DADE COMMENTS
Revised By: SMC	Date: 11/16/05	Revision: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 08/05/09	Checked By: RAJ	

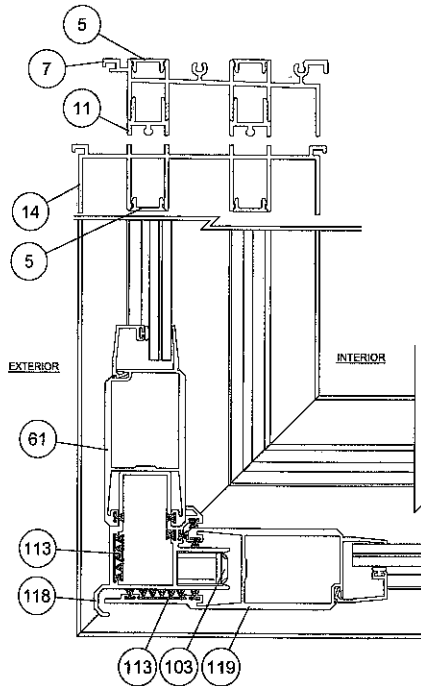
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34475
P.O. BOX 1529
NOKOMIS, FL 34274



Division: HORIZONTAL SECTION DETAILS
Title: SERIES 770 ALUMINUM SGD - LMI

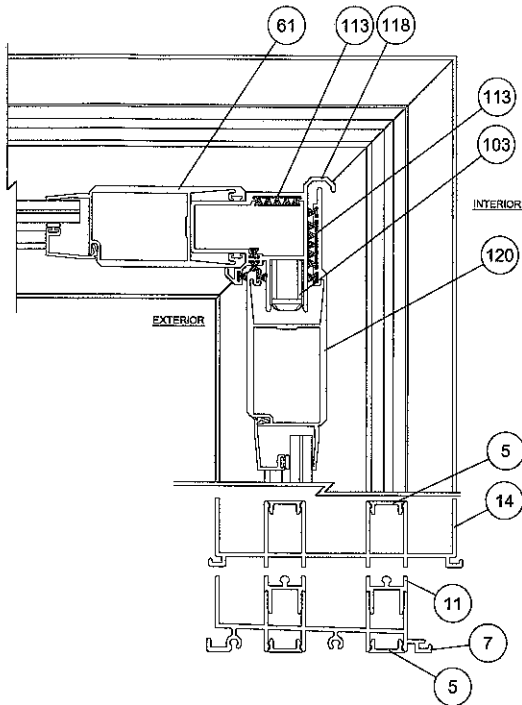
Drawn By: SGD770	Code: NTS	Sheet: 19	Of: 23	Design No: PGT0002	Rev: C
------------------	-----------	-----------	--------	--------------------	--------





DETAIL 'JJ'

(90° OUTSIDE CORNER, 2-TRACK SHOWN)



DETAIL 'KK'

(90° INSIDE CORNER, 2 TRACK SHOWN)

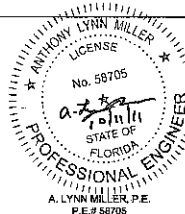
PRODUCT REVISED
 to comply with the Florida
 Building Code
 Amendment No. 11-1618-14
 Effective Date 3-11-15
 By *Lynn Miller*
 Licensed Professional Engineer

Revised By: J.J	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By: SMC	Date: 11/16/09	Revision: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 08/05/09	Checked By: RLM	

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



Description: HORIZONTAL SECTION DETAILS, CORNERS			
Title: SERIES 770 ALUMINUM SGD - LMI			
Specification: SGD770	Code: NTS	Sheet: 20 of 23	Drawing No.: PGT0002
			Rev: C



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

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 BILL
8	17301	617301	2-TRACK BILL WITH SCREEN RAIL
9	17307	617307	3-TRACK BILL
10	17310	617310	4-TRACK BILL
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	17325	617325	SILL RISER - MED FLAT
23	17324	617324	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	607070	NEOPRENE BULB W/STP 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 DRAWINGS)			
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	OXO 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	7/18 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	6TP248	VINYL BULB W/STP. - 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	617350	WEATHERSTRIP EXTENSION (INJECTION MOLDED)
71	1695	71695	1 1/2" X 1" X 3/4" HIGH FN SEAL DUST PLUGS
72	8153	78163X	TANDEM ST. STL. ROLLER ASSY.
73	8153	78163N	TANDEM NYLON ROLLER ASSY.
74			SILICONE DOOR 899 OR 995
75	8185	78185X	GEMINI MORTICE 3-PLY DUAL LOCK W/LONG TRIM PLATE
76		71032X1FFPX	#10-32 X 1" FL. SS SCREW W/ TYPE "F" TIP
77		7103239	10-32 STEEL ZINC UNUT
78	17358	617358	3/16 & 1/4 OGGEE 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	6TP247K	VINYL BULB WEATHERSTRIP
83		IGTAPE	1/2" X 1/16" SINGLE SIDE ADHESIVE TAPE FOR IG BEAD

109	8052	48052	ROLLER ADJ. HOLE PLUG
101	1001	72087	JAMB BUMPER
102	1696	71696	DUST PLUG
103	8186	78186X	1" KEEPER
104	853	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	78176	HANDLE KIT - RECESSED EXTERIOR PULL
111		71004PPSDAX	#10 X 3/4" PH. PN. TEK - S.S.
112	1235	87S18	W/STP. .270 X .170 - FIN SEAL
113	1712	64066	.187 X .230 FINSEAL
114		710X15PPX	#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	617338	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

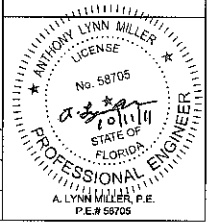
PRODUCT REVISED
as complying with the Florida
Building Code
Adoption No. 11-018-14
Expiration Date: 12-31-15
By: Anthony Lynn Miller
Professional Engineer

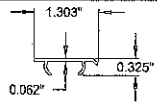
Revised By: J.J.	Date: 10/11/11	Revised By: C	NO CHANGE THIS SHEET
Drawn By: SMC	Date: 01/05/10	Revised By: B	PER MIAMI DADE COMMENTS
Checked By: SMC	Date: 11/18/09	Revised By: A	PER MIAMI DADE COMMENTS
Drawn By: SMC	Date: 08/05/09	Checked By: RJA	

1870 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

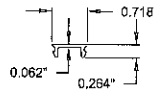


Part No:	PARTS LIST		
Title:	SERIES 770 ALUMINUM SGD - LMI		
Scale:	NTS	Sheet:	21 of 23
Drawing No:	PGT0002	Rev:	C

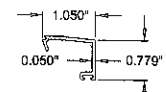




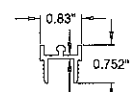
INTERLOCK SCREW COVER
(65) MAT'L: 6063-T6



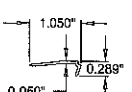
FRAME SCREW COVER
(5) MAT'L: 6063-T6



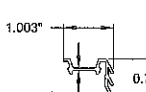
GLAZING BEAD (SINGLE)
(78) MAT'L: 6063-T6



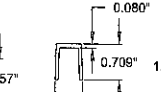
SILL TRACK
(11) MAT'L: 6063-T6



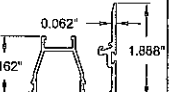
GLAZING BEAD (I.G.)
(79) MAT'L: 6063-T6



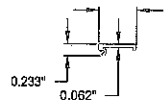
FIXED PANEL CLIP
(105) MAT'L: 6063-T6



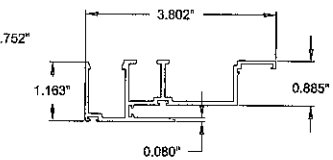
FIXED PANEL RETAINER
(106) MAT'L: 6063-T6



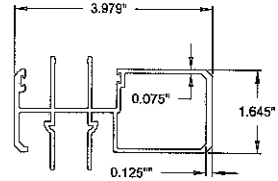
INTERLOCK
(62) MAT'L: 6063-T6



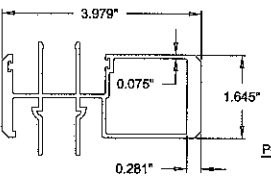
P-HOOK SCREW COVER
(29) MAT'L: 6063-T6



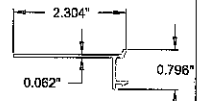
P-HOOK FOR BOX RISER
(30) MAT'L: 6063-T6



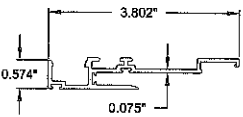
STANDARD ASTRAGAL
(67) MAT'L: 6063-T6



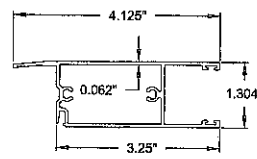
HEAVY DUTY ASTRAGAL
(68) MAT'L: 6063-T6



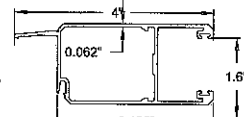
P-HOOK MOUNTING ADAPTOR
(28) MAT'L: 6063-T6



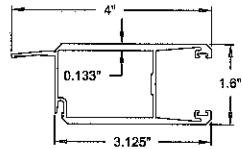
P-HOOK
(26) MAT'L: 6063-T6



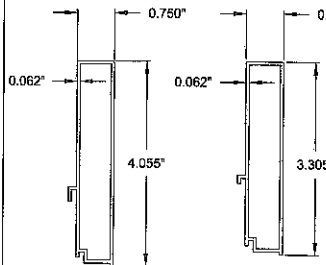
TOP/BOTTOM BOTTOM RAIL
(69) MAT'L: 6063-T6



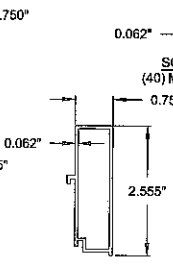
STANDARD STILE
(60) MAT'L: 6063-T6



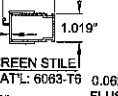
HEAVY DUTY STILE
(61) MAT'L: 6063-T6



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



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



LOW BOX SILL RISER
(21) MAT'L: 6063-T6



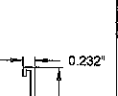
FLUSH BOX SILL RISER
(19) MAT'L: 6063-T6



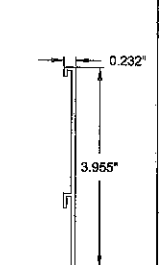
FLUSH FLAT SILL RISER
(18) MAT'L: 6063-T6



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



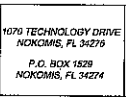
MED. FLAT SILL RISER
(22) MAT'L: 6063-T6



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

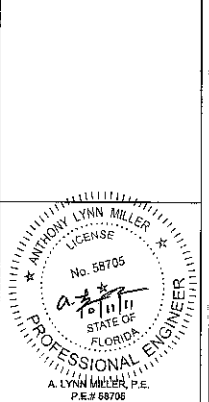
Revised By: J.J.	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By:	Date:	Revision:	
Revised By: SMC	Date: 11/16/09	Revision: A	
Drawn By: SMC	Date: 08/05/09	Checked By: RLJA	
Drawn By:	Date:	Checked By:	

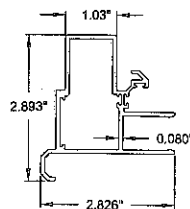
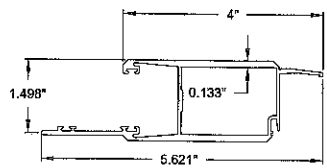
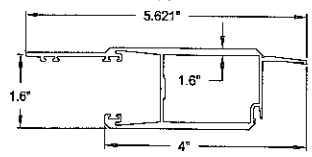
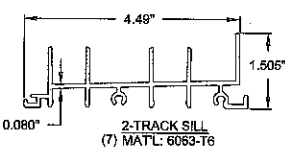
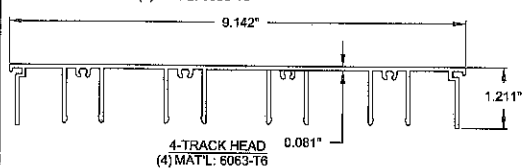
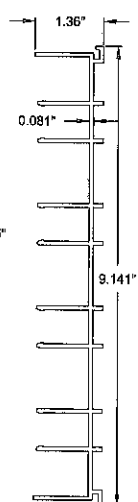
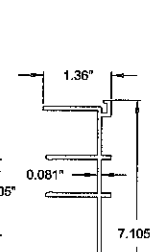
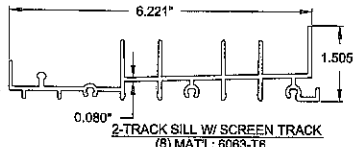
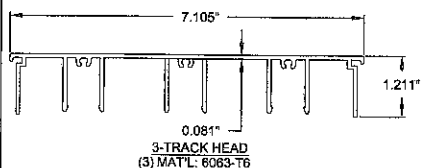
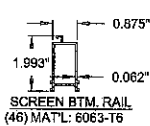
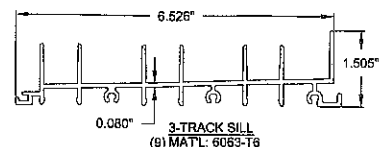
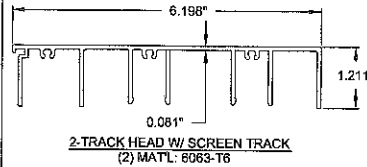
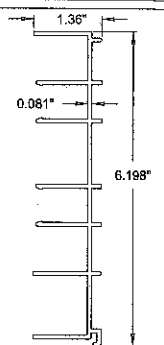
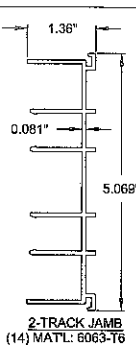
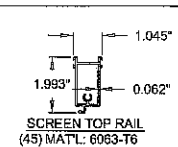
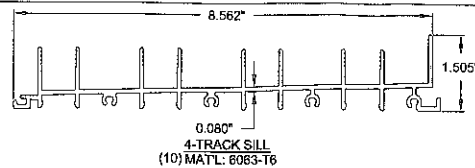
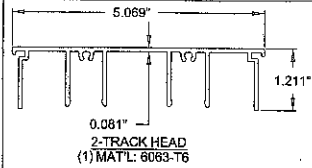
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34276	
P.O. BOX 1529 NOKOMIS, FL 34274	
PER MAM MADE COMMENTS	



EXTRUSIONS THE SERIES 770 ALUMINUM SGD - LMI	
Schedules: 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000	Stock: 22 # 23 Drawing No.: PGT0002 Part: C

PRODUCT REVISED
as complying with the Florida
Building Code
Appearance No. 11-1018-14
Specification Date 2-17-15
By: *Anthony Lynn Miller*
Edward E. Miller, P.E. Licensed Professional Engineer

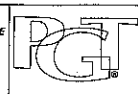




PRODUCT REVISED
 as complying with the Florida
 Building Code
 Amendment No. 11-10 12-14
 Reprint Date 2-17-2015
 By: *[Signature]*
 Licensed Professional Engineer

Revised By: J.A.	Date: 10/11/11	Revision: C	NO CHANGE THIS SHEET
Revised By: S.M.C.	Date: 11/16/09	Revision: A	
Drawn By: S.M.C.	Date: 08/04/09	Revision: RLA	
PER MIAMI DADE COMMENTS			

1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34273
 P.O. BOX 1529
 NOKOMIS, FL 34274



Extrusions
EXTRUSIONS
 SERIES 770 ALUMINUM SGD - LMI

Sheet No: SGD770	Drawn: NTS	Sheet: 23 of 23	Drawing No: PGT0002	Rev: C
------------------	------------	-----------------	---------------------	--------

