



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
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
North Venice, FL 34275

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.-

DESCRIPTION: Series "SGD-770" Aluminum Sliding Glass Door w / 90° & 135° corners – L.M.I.

APPROVAL DOCUMENT: Drawing No. PGT0130, titled "Series 770 Alum. SGD - LM Impact", sheets 1 through 22 of 22, dated 10/10/14, with revision A dated 10/08/15, prepared by manufacturer, 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

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# 14-0128.11 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 Manuel Perez, P.E.



MP
10/20/15

NOA No. 15-1013.15
Expiration Date: February 17, 2020
Approval Date: October 29, 2015
Page 1

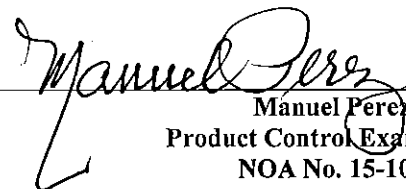
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 14-0123.10)
2. Drawing No. **PGT0130**, titled "Series 770 Alum. SGD – LM Impact", sheets 1 through 22 of 22, dated 10/10/14, with revision A dated 10/08/15, prepared by manufacturer, 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 an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7554**, dated 11/01/13, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under NOA No. 14-0123.10)
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: **FTL-5980-R, FTL-6001-R and FTL-6015-R**, which have been revised and reissued on 12/29/09, all signed and sealed by Julio Gonzales, P.E.
(Submitted under NOA No. 09-0826.10)
3. 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


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-1013.15
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B. TESTS (CONTINUED)

3. (CONTINUED)

along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: **FTL-5980, FTL-5993, FTL-6036, FTL-6001, FTL-6014, FTL-6015, FTL-6017, FTL-6023, FTL-6024, FTL-6025, FTL-6028, FTL-6031, FTL-6033** and **FTL-6036**, all dated 08/10/09 and signed and sealed by Julio Gonzales, P.E.

(Submitted under NOA No. 09-0826.10)

4. Additional Reference Fixed Window Test Report No. FTL-7897 (Cardinal spacer), per TAS 201, 202 & 203-94, issued by Fenestration Testing Laboratory, Inc.

(Submitted under NOA No. 15-0430.08)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-5th Edition (2014), dated 01/30/15, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

(Submitted under previous NOA No. 14-0128.11)

2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 14-0916.10 issued to Kuraray America, Inc. for their "Butacite® PVB Glass Interlayer" dated 04/25/15, expiring on 12/11/16.

2. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 06/25/15, expiring on 07/04/18.

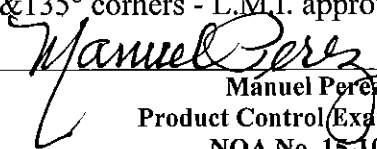
F. STATEMENTS

1. Statement letter of conformance, complying with FBC-5th Edition (2014), dated October 8, 2015, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

2. Statement letter of no financial interest, dated October 8, 2015, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

G. OTHERS

1. Notice of Acceptance No. 14-0128.11, issued to PGT Industries, Inc. for their Series "SGD-770" Aluminum Sliding Glass Doors w/90° & 135° corners - L.M.I. approved on 02/12/15 and expiring on 02/17/20.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-1013.15
Expiration Date: February 17, 2020
Approval Date: October 29, 2015

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

GENERAL NOTES

- 1) GLAZING TYPE OPTIONS: SEE TABLE B, THIS SHEET & GLAZING DETAILS ON SHEETS 4 & 5.
 - 2) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E1300.
 - 3) ANCHORAGE: THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE. FOR ANCHORAGE DETAILS SEE SHEETS 6-14.
 - 4) SHUTTERS ARE NOT REQUIRED PER FBC REQUIREMENTS, AS APPLICABLE.
 - 5) INSTALLATION SCREWS, FRAME SPLICES, FRAME AND PANEL CORNERS TO BE SEALED WITH NARROW JOINT SEALANT.
 - 6) REFERENCES: ELCO ULTRACON, CRETEFLEX AND AGGREGATOR NOA'S, ANSI/AF&PA NDS FOR WOOD CONSTRUCTION AND ADM, ALUMINUM DESIGN MANUAL.
 - 7) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
 - 8) DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE, AS APPLICABLE.
- TEST REPORTS: FTL-5980, FTL-5993, FTL-6001, FTL-6014, FTL-6015, FTL-6017, FTL-6022, FTL-6023, FTL-6024, FTL-6025, FTL-6028, FTL-6031, FTL-6033, FTL-6036 AND FTL-7554

ANCHOR NOTES

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

TABLE B, SEE DETAILS ON SHEETS 4 & 5

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

Table with 4 columns: Revisd By, Date, Revisions, and Description. Includes revision history for interlayer manufacturer and drawing updates.

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600
CERT. OF AUTH. #28296



Table with 6 columns: Description, Title, Series/Model, Book, Sheet, Drawing No., and Rev. Contains drawing title 'GENERAL NOTES AND MAP' and specific details for Series 770 Alum. SGD - LM Impact.

TABLE A:

Table with 6 columns: Group, Anchor, Substrate, Frame Member, Min. Edge Distance, Min. Embedment. Details anchor and substrate requirements for different frame members and edge distances.

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE. METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
**P-HOOK INSTALLATION REQUIRES 2.693" MIN. EDGE DISTANCE, REFER TO SHEET 14 FOR ALL SPECIFIC P-HOOK REQUIREMENTS.

NOA DRAWING MAP

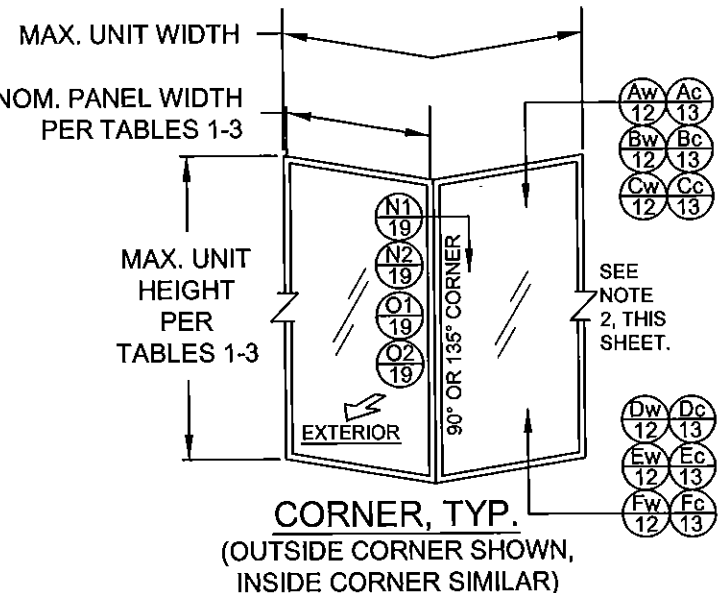
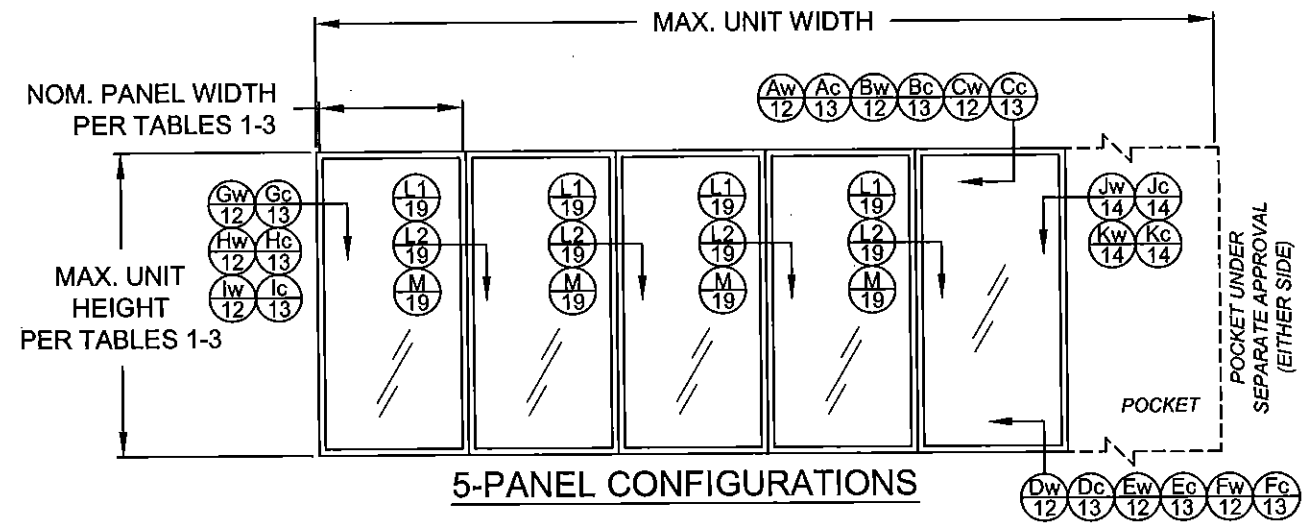
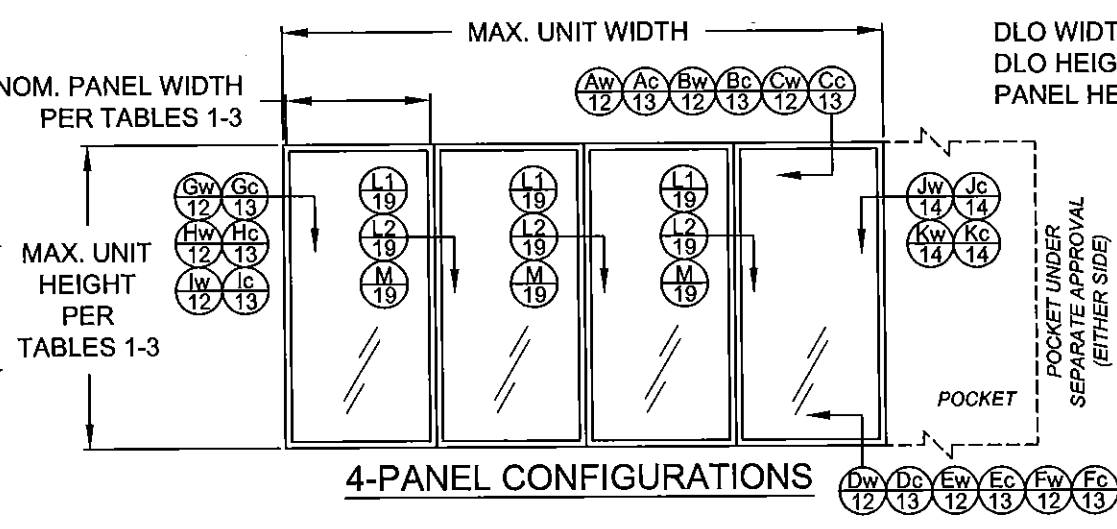
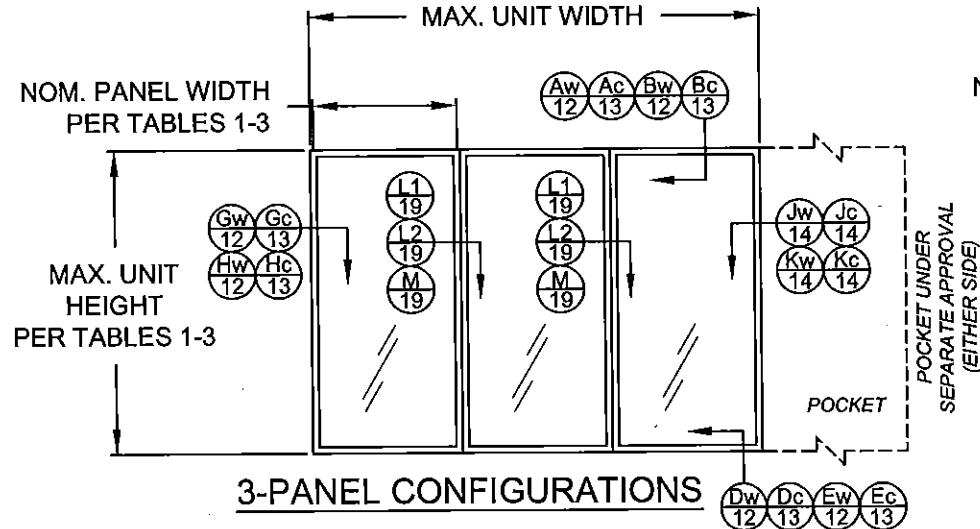
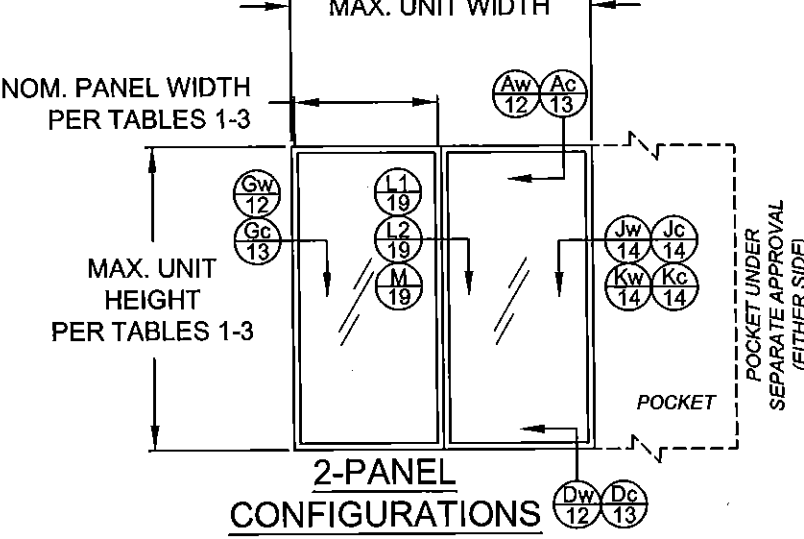
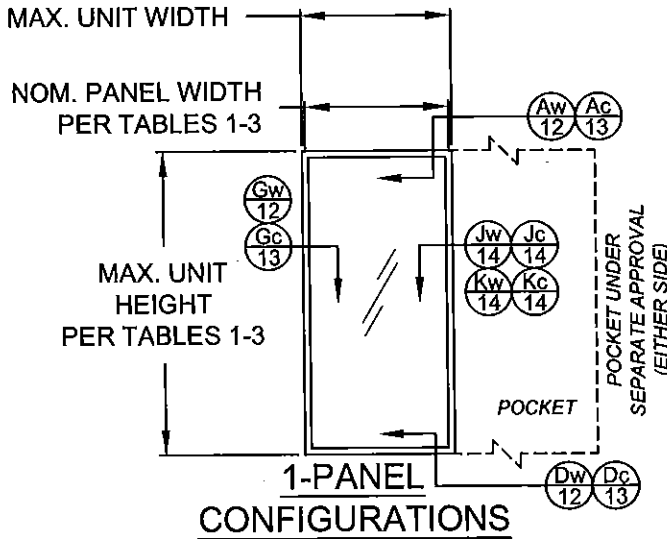
Table listing drawing sections and their corresponding sheet numbers: GENERAL NOTES (1), EXAMPLE CONFIGS (2-3), GLAZING DETAILS (4,5), ANCHORAGE (6-14), DESIGN PRESSURES (6-8), INSTALL DETAILS (12-14), ELEVATIONS (15,16), PANEL / SILL TYPES (17), CROSS SECTIONS (18,19), PARTS LIST (20), EXTRUSIONS (21,22).

Table with 2 columns: DESIGN PRESSURE RATING, IMPACT RATING. Specifies ratings based on sheets 1, 2 & 3 and sheets 6, 7 & 8.

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

Professional Engineer stamp for Anthony Lynn Miller, License No. 58705, State of Florida. Includes approval text: 'Approved as complying with the Florida Building Code' and date '03/19/2015'.

EXAMPLE CONFIGURATIONS



CONFIGURATIONS NOTES:
1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "Jw", "Jc", "Kw" OR "Kc" INSTALLATION.
EXAMPLE: 4-PANEL XXXX IN POCKET (p) CONFIGURATION CAN BE pXXXXp, pXXXX OR XXXXp. OXXX IN POCKET CONFIGURATION CAN BE OXXXp.

2) 90° & 135° CORNER CONFIGURATIONS CAN BE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.

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

"X" = OPERABLE PANEL,
"O" = INOPERABLE PANEL,
"p" = POCKET
DETAIL LETTER
"w" = WOOD OR METAL INSTALLATION
"c" = CONCRETE INSTALLATION
SHEET NUMBER

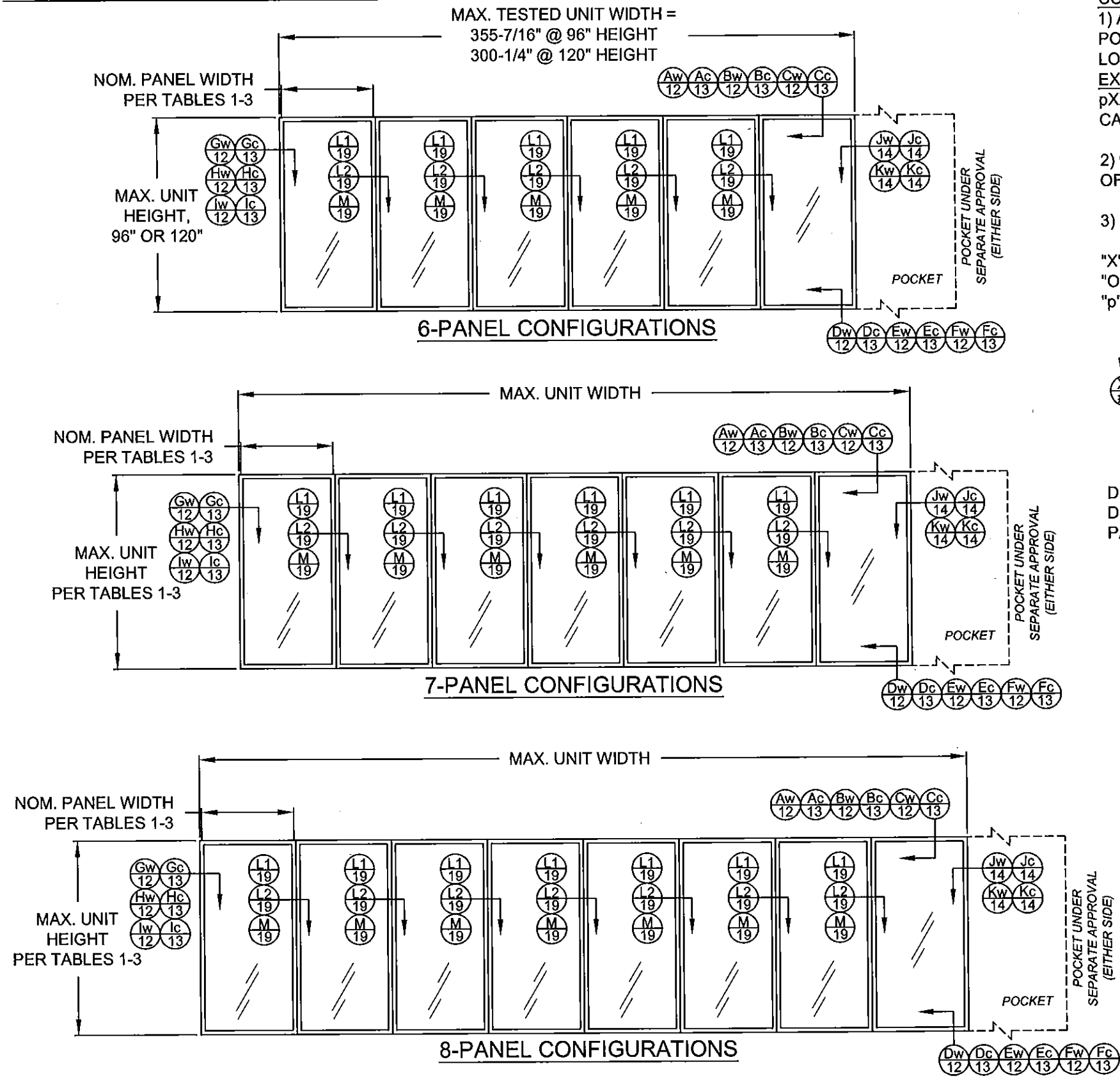
DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = DOOR UNIT HEIGHT - 10.125"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.866"

Revised By: SC	Date: 10/8/2015	Revisions: A	NO CHANGES THIS SHEET	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 CERT. OF AUTH. #29296	PGT	Description: EXAMPLE CONFIGURATIONS
Revised By:	Date:	Revisions:				Title: SERIES 770 ALUM. SGD - LM IMPACT
Revised By:	Date:	Revisions:				Series/Model: SGD-770
Revised By:	Date:	Revisions:				Scale: NTS
Revised By:	Date:	Revisions:				Sheet: 2 of 22
Revised By:	Date:	Revisions:				Drawing No. PGT0130
Revised By:	Date:	Revisions:				Rev: A

Approved as complying with the Florida Building Code
Date: Oct. 19, 2015
NOAH 15-1013.15
Miami Dade Product Control
By: *Manuel Perez*

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

EXAMPLE CONFIGURATIONS



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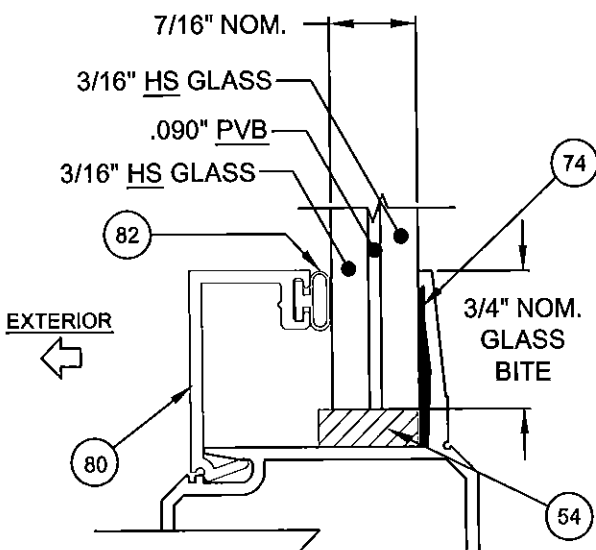
Revised By: SC	Date: 10/8/2015	Revisions: A	NO CHANGES THIS SHEET	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600 CERT. OF AUTH. #29296	PGT	Description: EXAMPLE CONFIGURATIONS				
Revised By:	Date:	Revisions:				Title: SERIES 770 ALUM. SGD - LM IMPACT				
Revised By:	Date:	Revisions:				Series/Model: SGD-770	Scale: NTS	Sheet: 3 of 22	Drawing No. PGT0130	Rev: A
Drawn By: JR	Date: 10/10/14	Checked By:	Date:							

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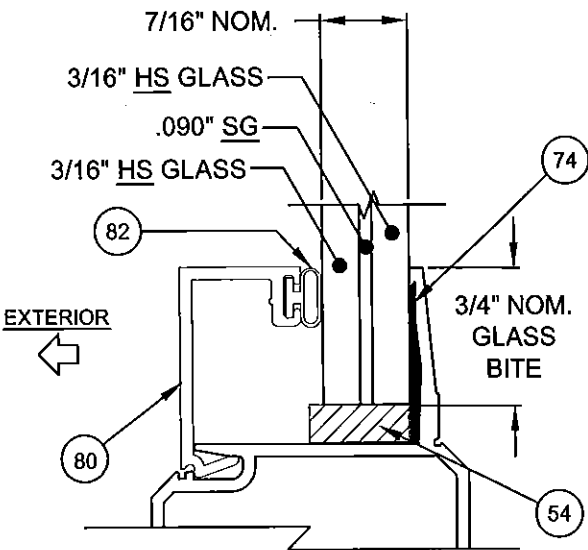
ANTHONY LYNN MILLER
LICENSE
No. 58705
10/20/15
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

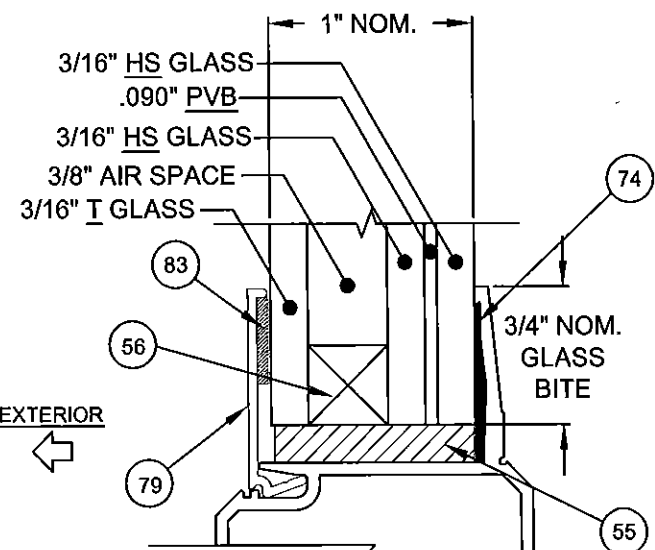
GLAZING DETAILS (G3, G3A, G4, G4A, G5 & G5A)



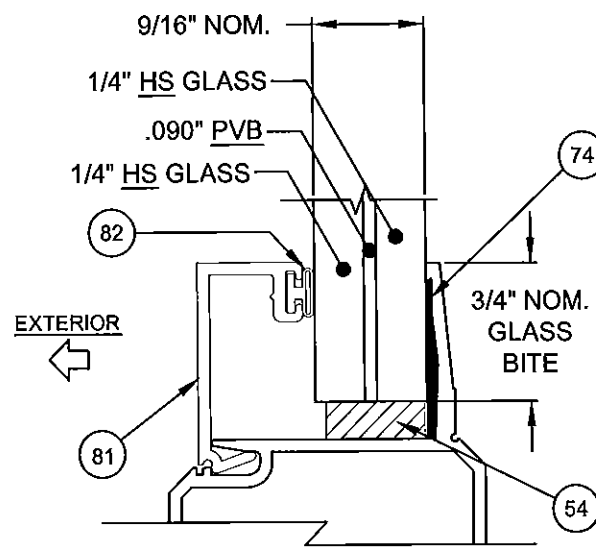
7/16" LAMINATED GLASS, TYPE G3



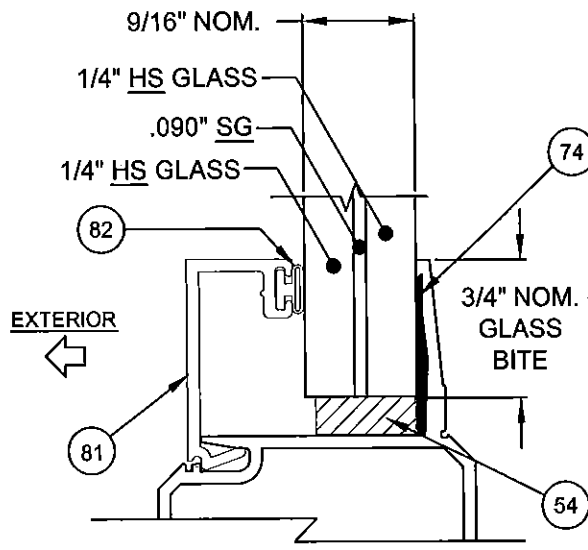
7/16" LAMINATED GLASS, TYPE G4



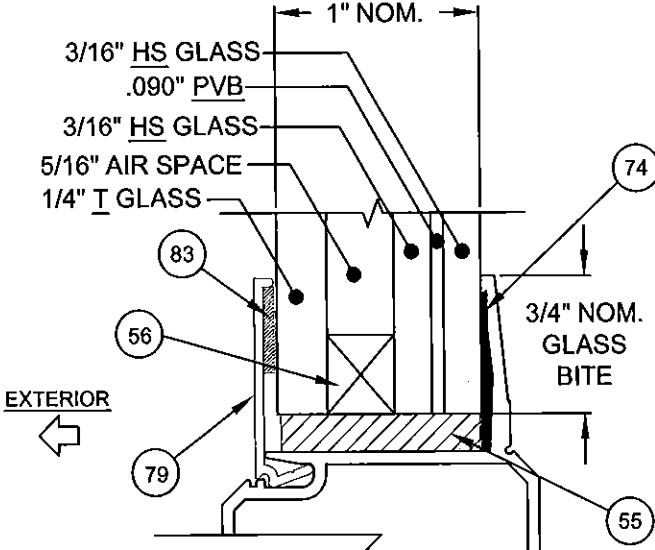
1" LAMINATED I.G. GLASS, TYPE G5



9/16" LAMINATED GLASS, TYPE G3A



9/16" LAMINATED GLASS, TYPE G4A



1" LAMINATED I.G. GLASS, TYPE G5A

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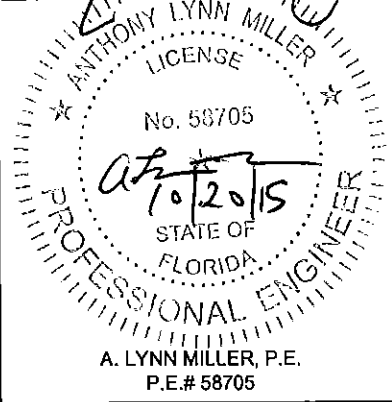
Revised By:	Date:	Revisions:	
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Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
Drawn By:	Date:	Checked By:	Date:
JR	10/10/14		

1070 TECHNOLOGY DRIVE
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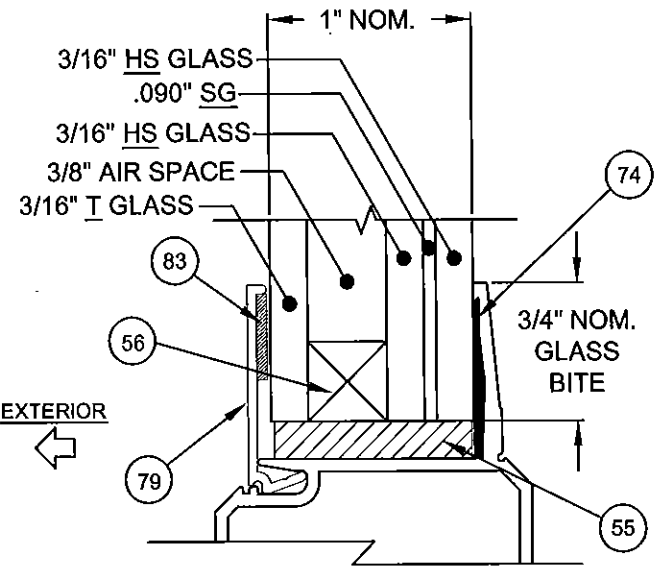


Description:	GLAZING DETAILS		
Title:	SERIES 770 ALUM. SGD - LM IMPACT		
Series/Model:	Scale:	Sheet:	Drawing No.
SGD-770	NTS	4 of 22	PGT0130
Rev:	A		

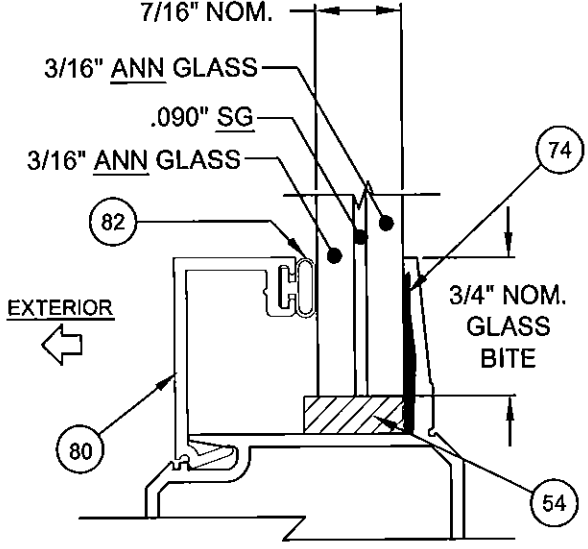
Approved as complying with the
Florida Building Code
Date: 09.29.2015
NOAH# 15-1013.15
Miami Dade Product Control
By: Manuel Perez



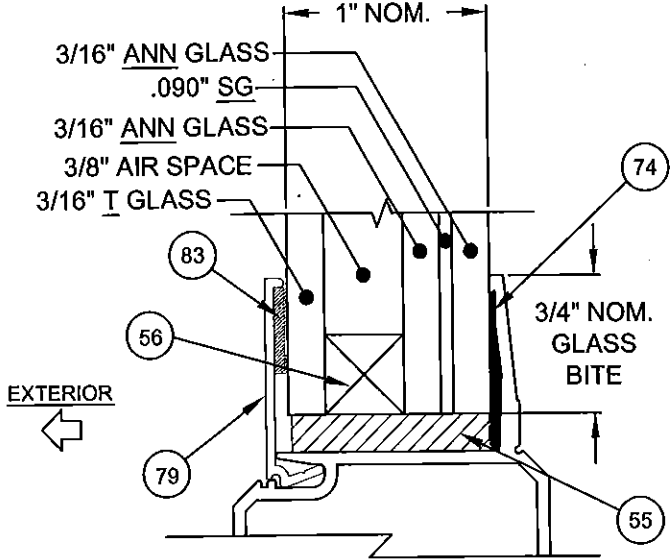
GLAZING DETAILS (G6, G6A, G7, G7A, G8 & G8A)



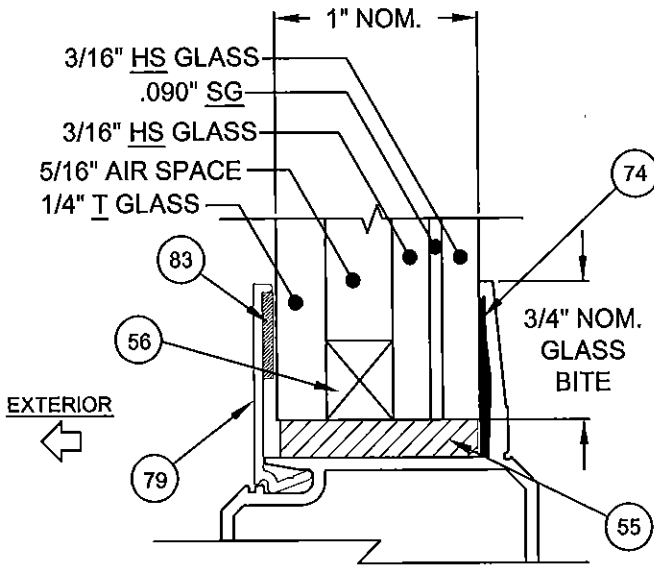
1" LAMINATED I.G. GLASS, TYPE G6



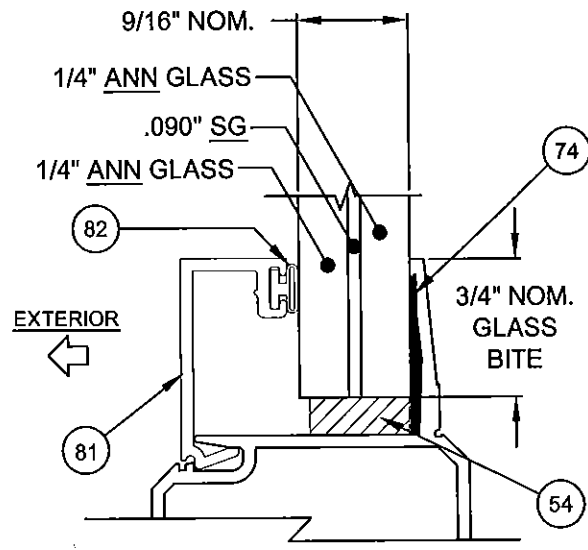
7/16" LAMINATED GLASS, TYPE G7



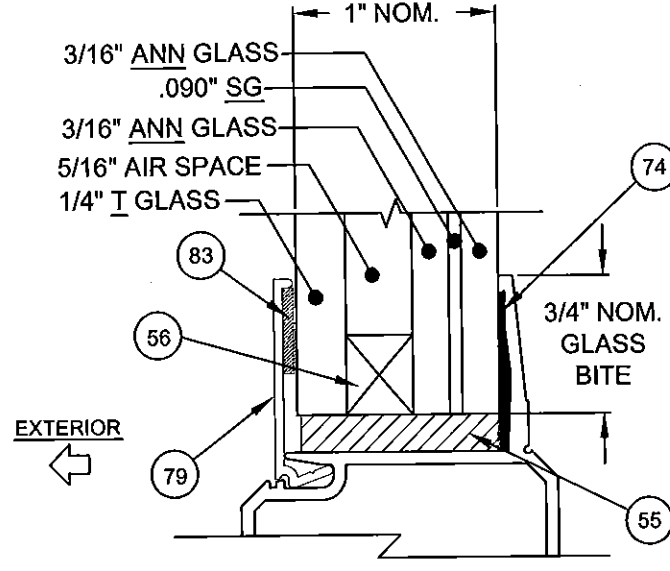
1" LAMINATED I.G. GLASS, TYPE G8



1" LAMINATED I.G. GLASS, TYPE G6A



9/16" LAMINATED GLASS, TYPE G7A



1" LAMINATED I.G. GLASS, TYPE G8A

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Revised By:	Date:	Revisions:	
SC	10/8/2015	A	UPDATED INTERLAYER MANUFACTURER
Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
Drawn By:	Date:	Checked By:	Date:
JR	10/10/14		

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



Description:	GLAZING DETAILS			
Title:	SERIES 770 ALUM. SGD - LM IMPACT			
Series/Model:	Scale:	Sheet:	Drawing No.	Rev.
SGD-770	NTS	5 of 22	PGT0130	A

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ANTHONY LYNN MILLER
LICENSE
No. 58705
A.A. 10/20/15
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 1:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)										Maximum DP for all sizes: +60 / -60 (May be limited by Table 1A)							
For corner astragal anchorage on 90° or 135° corner units, see sheet 11																	
Table applies to Glass Types 3, 3A, 5, 5A, 7, 7A, 8 & 8A and the Stile / Astragal types shown below.										Door Unit Height							
										80"				84"			
										69-7/8" DLO				73-7/8" DLO			
										Anchor Group				Anchor Group			
										1	2	3	4	1	2	3	4
Nominal Panel Width	24"	17" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	30"	23" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	36"	29" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	42"	35" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	48"	41" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8

FOR EXAMPLE ON USING TABLE, SEE SHEET 7.

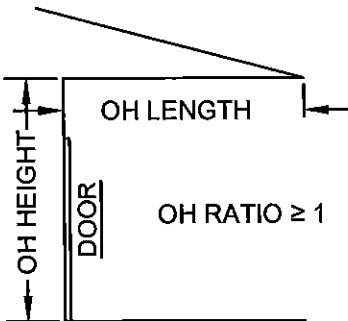
NOTES:

- 1) POSITIVE PRESSURES IN TABLE 1 ARE BASED ON THE USE OF THE 3-1/4" SILL.
- 2) WHEN USING THE 2-1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 3-1/4" SILL, POSITIVE WATER DP IS 60.0 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. MAX. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 1 MAY BE USED WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE (SEE ADJACENT DIAGRAM); THIS CONDITION IS NOT RATED FOR WATER INFILTRATION.
- 4) SEE SHEETS 10-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5) DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
- 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

TABLE 1A:

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

SEE NOTES 1-3



$$\text{OH RATIO} = \frac{\text{OH LENGTH}}{\text{OH HEIGHT}}$$

DLO WIDTH =
NOM. PANEL WIDTH - 7"

DLO HEIGHT =
DOOR UNIT HEIGHT - 10.125"

PANEL HEIGHT =
DOOR UNIT HEIGHT - 1.866"

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

Revised By:	Date:	Revisions:	
SC	10/8/2015	A	NO CHANGES THIS SHEET
Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
Drawn By:	Date:	Checked By:	Date:
JR	10/10/14		

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600
CERT. OF AUTH. #28296



Description: DP AND ANCHORAGE			
Title: SERIES 770 ALUM. SGD - LM IMPACT			
Series/Model: SGD-770	Scale: NTS	Sheet: 6 of 22	Drawing No. PGT0130
Rev: A			

Approved as complying with the
Florida Building Code
Date: Oct 09 2015
NOAH 15-1013-15
Miami Dade Product Control
By: Manuel Perez

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/20/15
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 2:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)																												Maximum DP for all sizes: +60 / -60 (May be limited by Table 2A)							
For corner astragal anchorage on 90° or 135° corner units, see sheet 11																																			
Table applies to Glass Types 4, 4A, 6, 6A, 7, 7A, 8 & 8A and the Stille / Astragal types shown below.				Door Unit Height																															
				80"				84"				90"				96"				102"				108"				114"				120"			
				69-7/8" DLO				73-7/8" DLO				79-7/8" DLO				85-7/8" DLO				91-7/8" DLO				97-7/8" DLO				103-7/8" DLO				109-7/8" DLO			
				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group							
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Nominal Panel Width	24"	17" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1			
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8		
	30"	23" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1			
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8		
	36"	29" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1			
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8		
	42"	35" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1		
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8		
	48"	41" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2			
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8		
	54"	47" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2			
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8		
60"	53" DLO	Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2				
		Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
		P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8			
Not available in these sizes																																			

NOTES:

- 1) POSITIVE PRESSURES IN TABLE 2 ARE BASED ON THE USE OF THE 3-1/4" SILL.
- 2) WHEN USING THE 2-1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 3-1/4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX. WHEN USING THE 4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX (NEGATIVE PRES. UNCHANGED). SEE TABLE 2A.
- 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. MAX. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 2 MAY BE USED WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FBC (SEE ADJACENT DIAGRAM); THIS CONDITION IS NOT RATED FOR WATER INFILTRATION.
- 4) SEE SHEETS 10-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5) DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
- 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

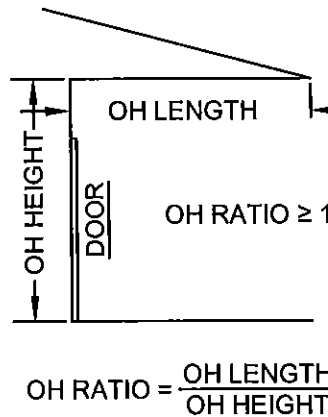


= EXAMPLE ON SHEET 9

TABLE 2A:

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

SEE NOTES 1-3



DLO WIDTH =
NOM. PANEL WIDTH - 7"

DLO HEIGHT =
DOOR UNIT HEIGHT - 10.125"

PANEL HEIGHT =
DOOR UNIT HEIGHT - 1.866"

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

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

Revised By: SC	Date: 10/8/2015	Revisions: A	NO CHANGES THIS SHEET
Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
Drawn By: JR	Date: 10/10/14	Checked By:	Date:

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



Description: DP AND ANCHORAGE			
Title: SERIES 770 ALUM. SGD - LM IMPACT			
Series/Model: SGD-770	Scale: NTS	Sheet: 7 of 22	Drawing No. PGT0130
Rev: A			

Approved as complying with the
Florida Building Code
Date: Oct. 29, 2015
NOAH# 15-1013.15
Miami Dade Product Control
By: Manuel Perez

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/20/15
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 3:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)																				Maximum DP shown below (May be limited by Table 3A)							
For corner astragal anchorage on 90° or 135° corner units, see sheet 11																											
Table applies to Glass Types 4, 4A, 6, 6A, 7, 7A, 8 & 8A and the Stile / Astragal types shown below.				Door Unit Height																							
				80"				84"				90"				96"				102"				108"			
				69-7/8" DLO				73-7/8" DLO				79-7/8" DLO				85-7/8" DLO				91-7/8" DLO				97-7/8" DLO			
				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Nominal Panel Width	24"	17" DLO	Design Pressure	+/-90.0 psf																+/-82.5 psf				+/-75.0 psf			
			Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	
	30"	23" DLO	Design Pressure	+/-90.0 psf																+/-82.5 psf				+/-75.0 psf			
			Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	
	36"	29" DLO	Design Pressure	+/-90.0 psf																+/-82.5 psf				+/-75.0 psf			
			Head/Sill	C4+1	C4+1	C4+2	C4+2	C4+1	C4+1	C4+2	C4+2	C4+1	C4+1	C5+2	C5+2	C4+1	C4+1	C5+2	C5+2	C4+1	C4+1	C5+1	C5+1	C4+1	C4+1	C5+1	C5+1
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	8	8	10	10	8	10	10	10
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	42"	35" DLO	Design Pressure	+/-90.0 psf																+/-82.5 psf				+/-75.0 psf			
			Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	8	8	10	10	8	10	10
			P-hook	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	48"	41" DLO	Design Pressure	+/-90.0 psf												See Note A below.				+/-82.5 psf				+/-75.0 psf			
			Head/Sill	C4+2	C4+2	C5+2	C5+2	C4+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C6+2	C6+2	C5+2	C5+2	C6+2	C6+2	C5+2	C5+2	C6+2	C6+2
			Jamb	8	8	8	8	8	8	10	8	8	8	10	8	8	8	10	8	10	10	10	10	10	10	10	10
			P-hook	6+7	7+8	7+8	7+8	7+8	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9

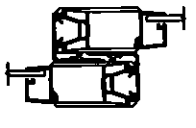
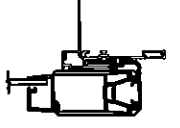
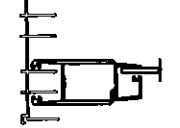
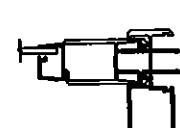
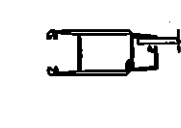
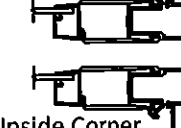
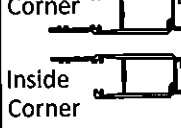
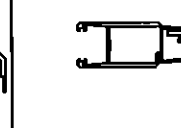
FOR EXAMPLE ON USING TABLE, SEE SHEET 7.

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

NOTES:

- 1) POSITIVE PRESSURES IN TABLE 3 ARE BASED ON THE USE OF THE 4" SILL.
- 2) WHEN USING THE 2-1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 3-1/4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX. WHEN USING THE 4" SILL, POSITIVE WATER DP IS 90.0 PSF MAX (NEGATIVE PRESSURES UNCHANGED). SEE TABLE 3A.
- 3) 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. MAX. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 3 MAY BE USED WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE (SEE ADJACENT DIAGRAM); THIS CONDITION IS NOT RATED FOR WATER INFILTRATION.
- 4) SEE SHEETS 10-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5) DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
- 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

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

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

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Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
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1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
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Description:

DP AND ANCHORAGE

Title:

SERIES 770 ALUM. SGD - LM IMPACT

Series/Model:

SGD-770

Scale:

NTS

Sheet:

8 of 22

Drawing No.

PGT0130

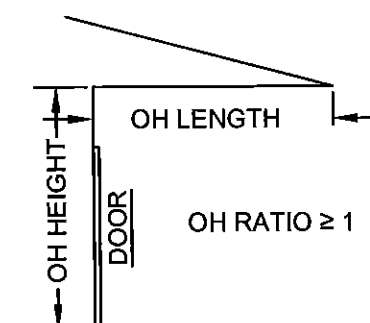
Rev:

A

TABLE 3A:

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

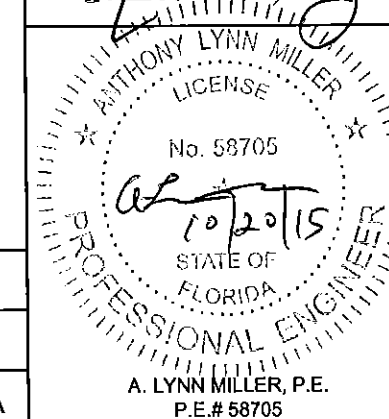
SEE NOTES 1-3

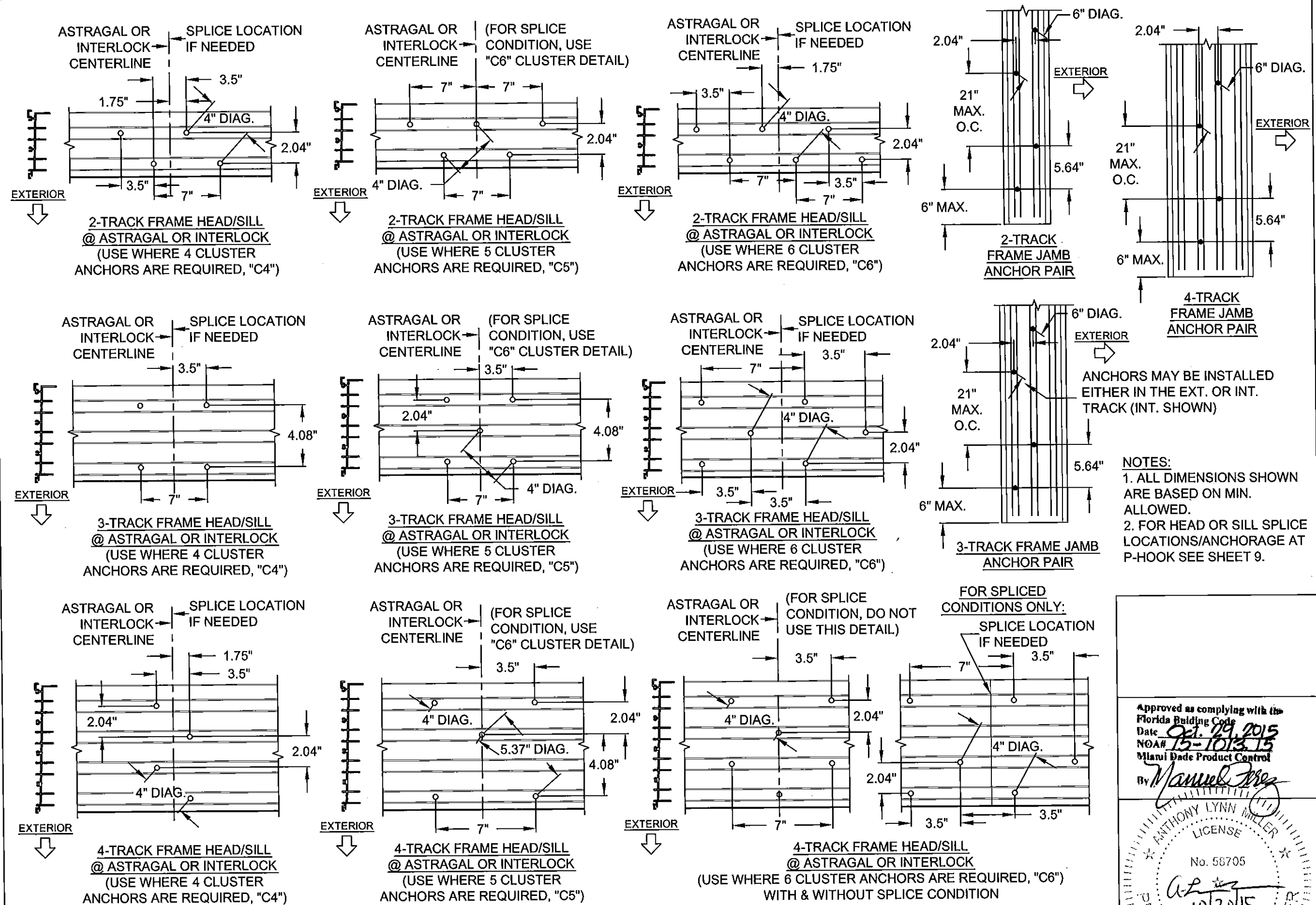


$$\text{OH RATIO} = \frac{\text{OH LENGTH}}{\text{OH HEIGHT}}$$

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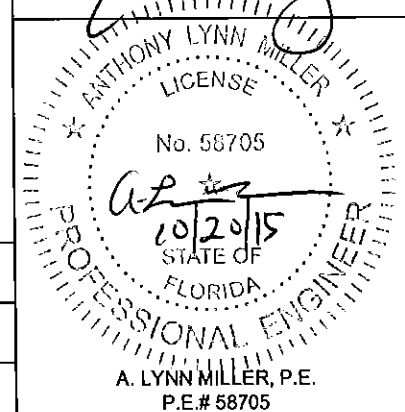
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JR	10/10/14		

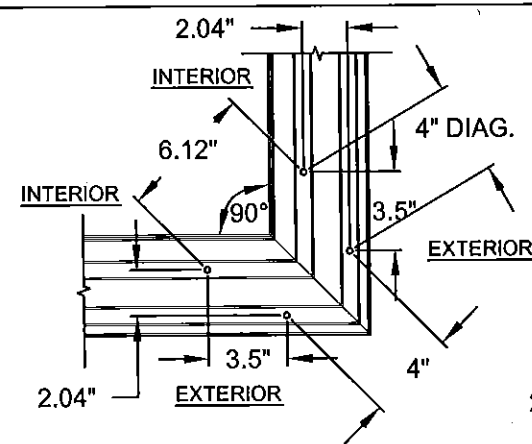
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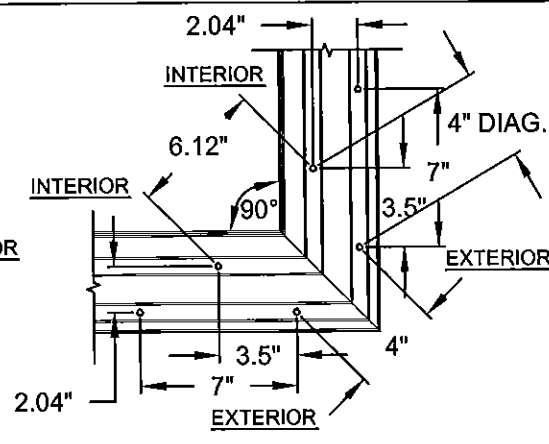
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Title:	SERIES 770 ALUM. SGD - LM IMPACT		
Series/Model:	SGD-770	Scale:	NTS
Sheet:	10	of	22
Drawing No.	PGT0130	Rev:	A

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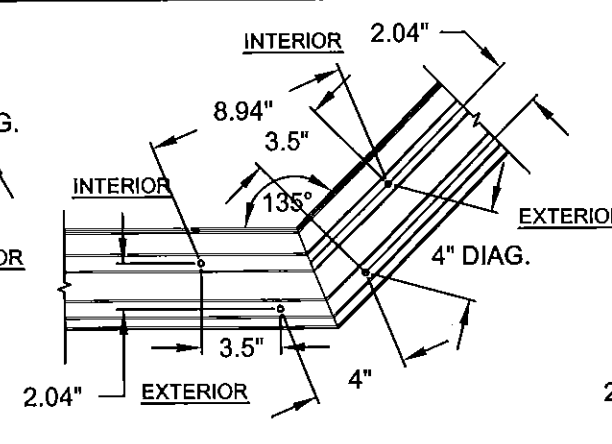




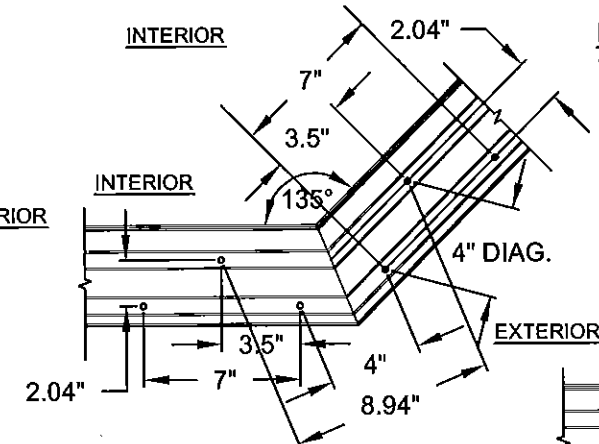
90° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED, "C4")



90° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 5 OR 6 CLUSTER
ANCHORS ARE REQUIRED, "C6")

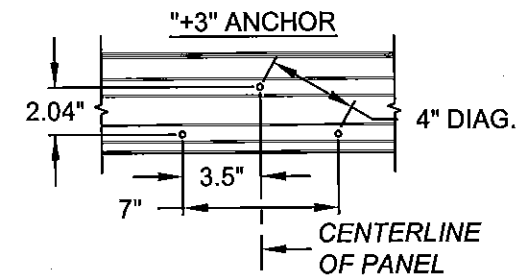
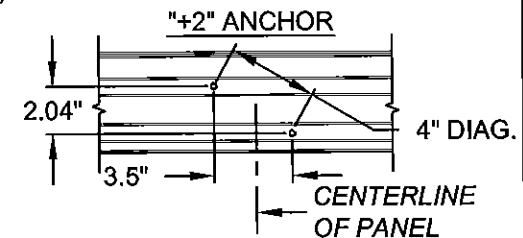
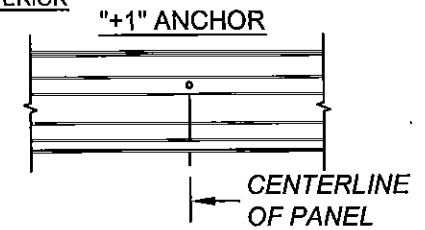


135° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 4 CLUSTER
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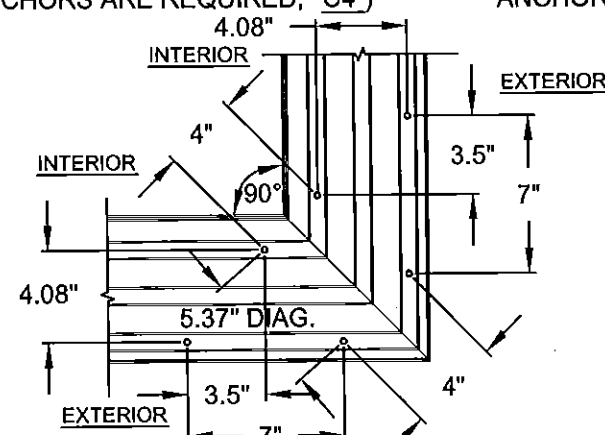


135° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 5 OR 6 CLUSTER
ANCHORS ARE REQUIRED, "C6")

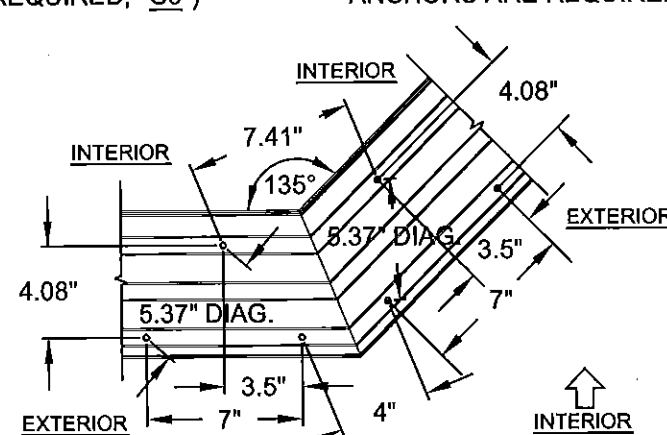
NOTES:
1. ALL DIMENSIONS SHOWN
ARE BASED ON MINIMUM
ALLOWED.
2. DETAILS DEPICT ANCHOR
QUANTITY AND SPACING,
AND WOULD BE IDENTICAL
FOR EXTERIOR OR INTERIOR
CORNER CONFIGURATIONS.



2-TRACK FRAME HEAD/SILL
INTERMEDIATE ANCHOR LAYOUT

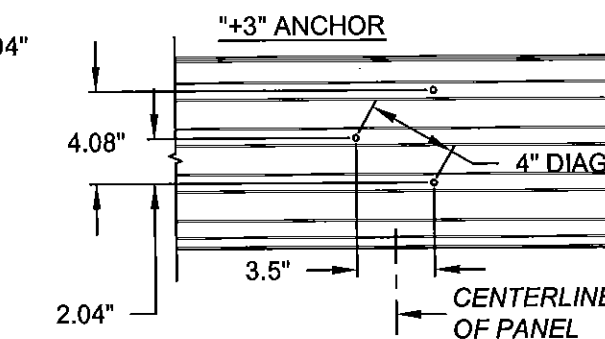
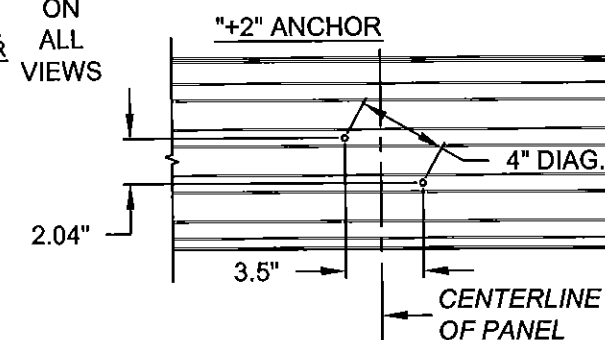
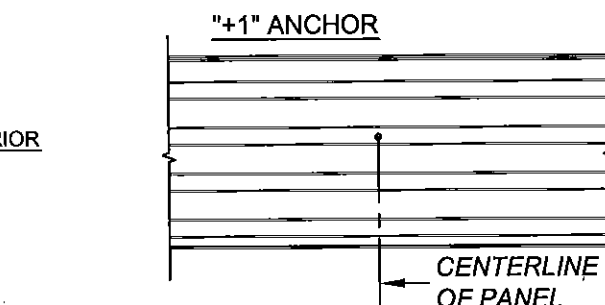


90° CORNER
3-TRACK FRAME HEAD/SILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS)

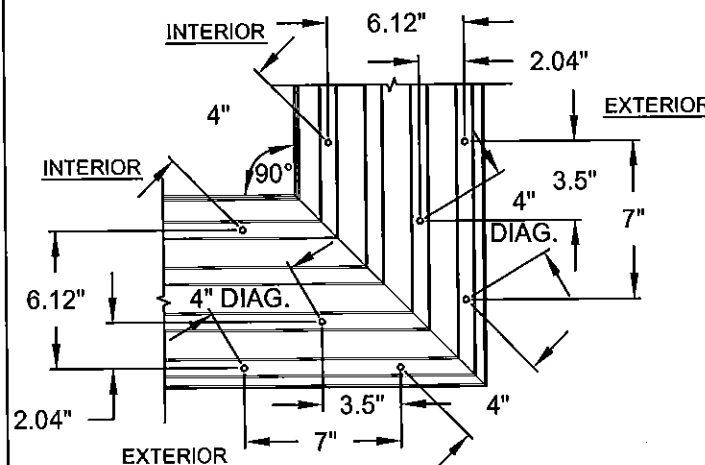


135° CORNER
3-TRACK FRAME HEAD/SILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS)

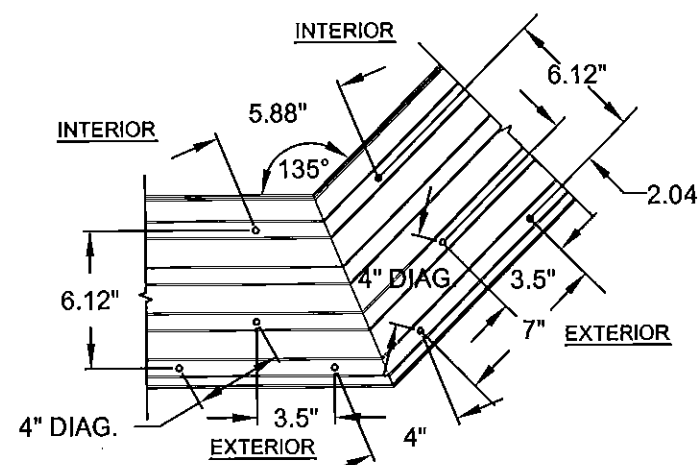
ON
ALL
VIEWS
↑
INTERIOR
↓
EXTERIOR



4-TRACK FRAME HEAD/SILL
INTERMEDIATE ANCHOR LAYOUT
(3-TRACK SIMILAR)



90° CORNER
4-TRACK FRAME HEAD/SILL
("C8" ANCHOR CLUSTER REQUIRED
AT ALL 4-TRACK CORNERS)



135° CORNER
4-TRACK FRAME HEAD/SILL
("C8" ANCHOR CLUSTER REQUIRED
AT ALL 4-TRACK CORNERS)

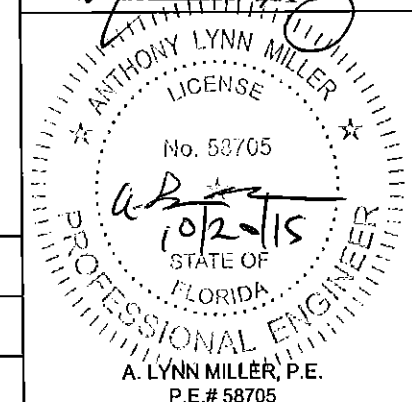
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SC	10/8/2015	A	NO CHANGES THIS SHEET
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Revised By:	Date:	Revisions:	
Drawn By:	Date:	Checked By:	Date:
JR	10/10/14		

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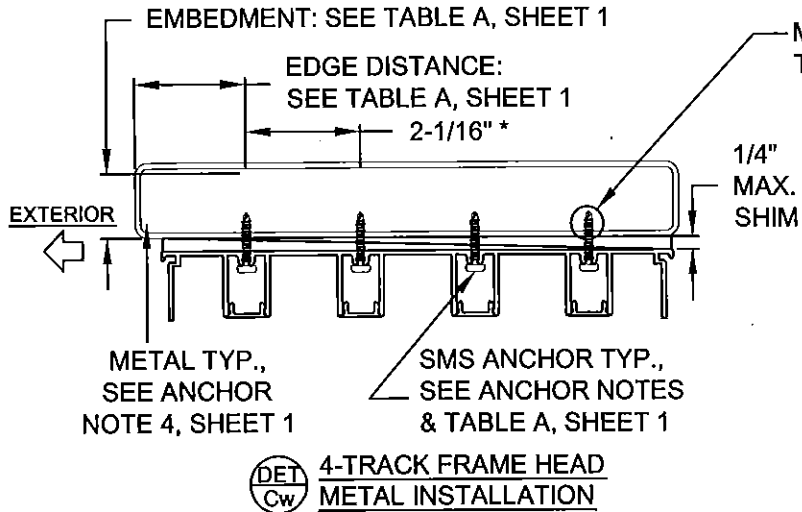
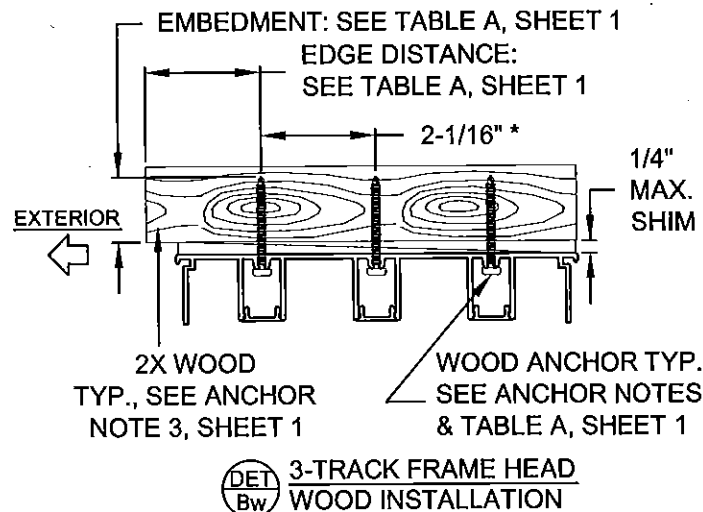
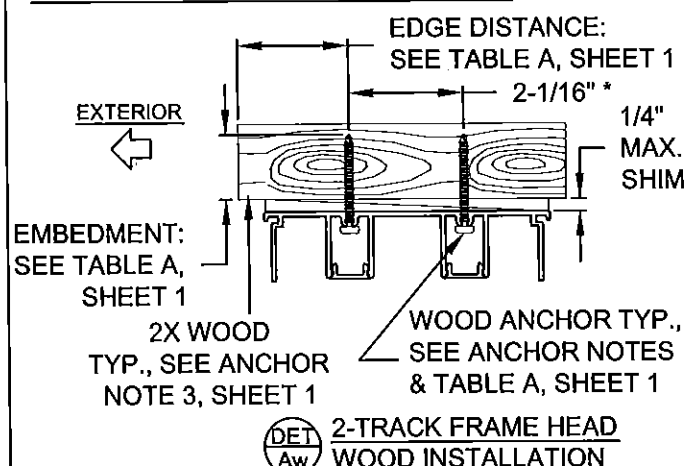


Description:	ANCHORAGE, EXAMPLE CLUSTERS		
Title:	SERIES 770 ALUM. SGD - LM IMPACT		
Series/Model:	SGD-770	Scale:	NTS
Sheet:	11 of 22	Drawing No.	PGT0130
Rev:	A		

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NOAH 15-1013-15
Miami Code Product Control
By: Manuel Perez

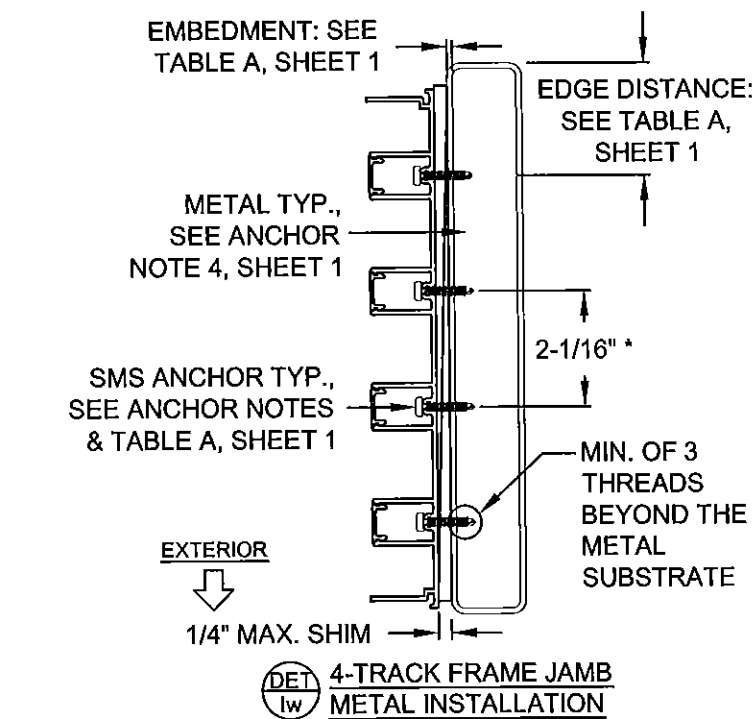
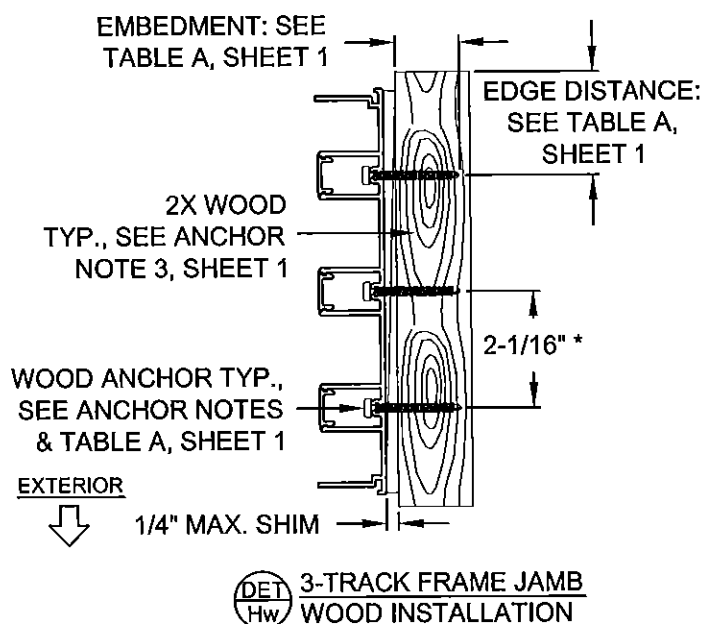
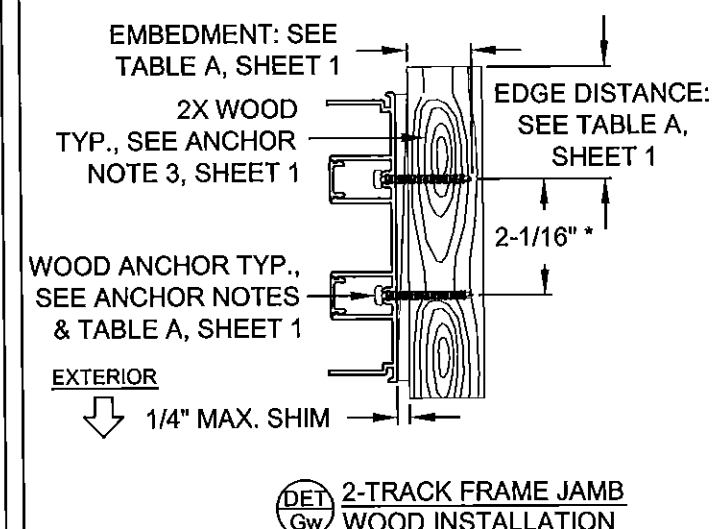
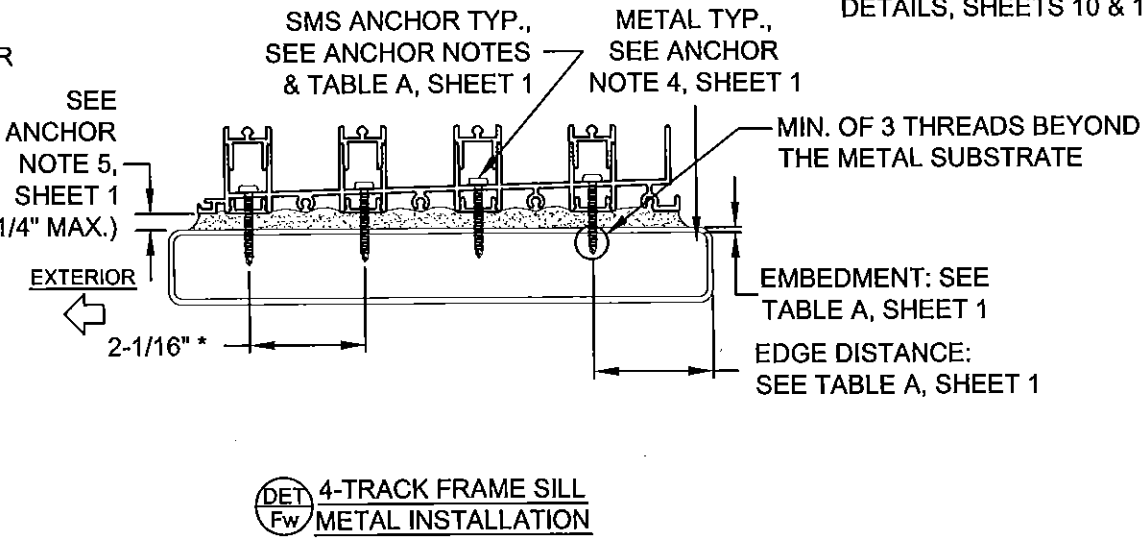
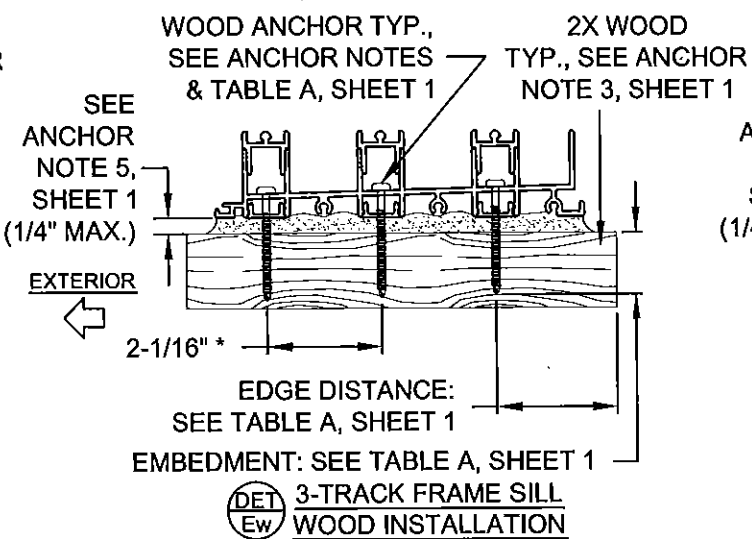
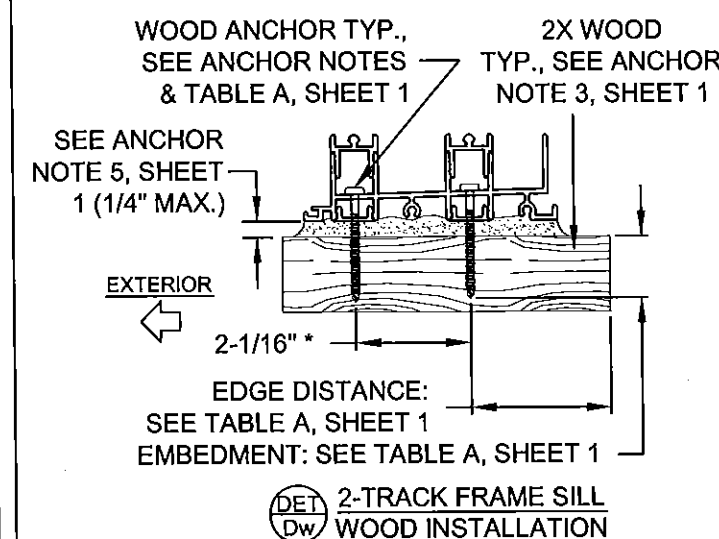


INSTALLATION DETAILS



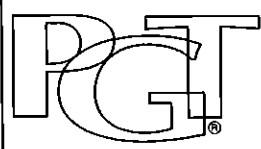
NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
2. METAL OR WOOD SUBSTRATES MAY BE USED FOR ALL FRAME TYPES PER TABLE A, SHEET 1.

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



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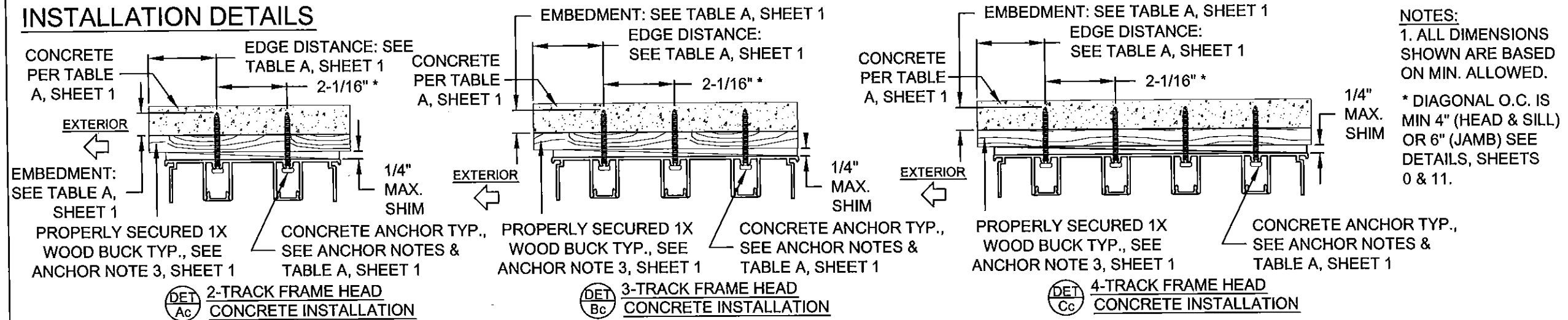


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Series/Model:	SGD-770	Scale:	NTS
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Drawing No.	PGT0130		
Rev:	A		

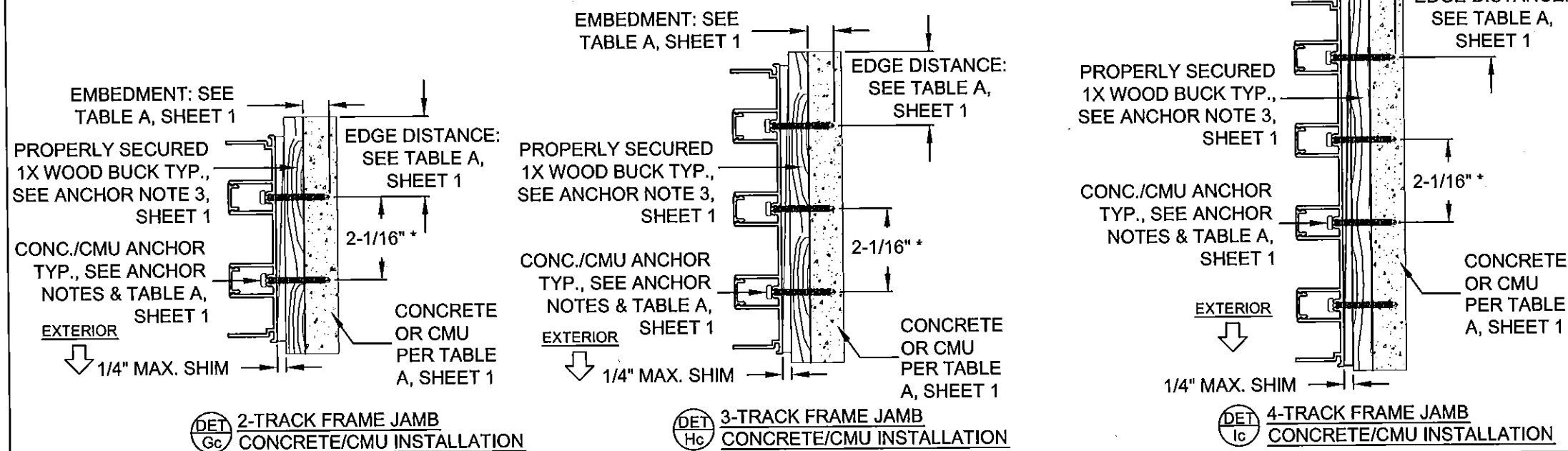
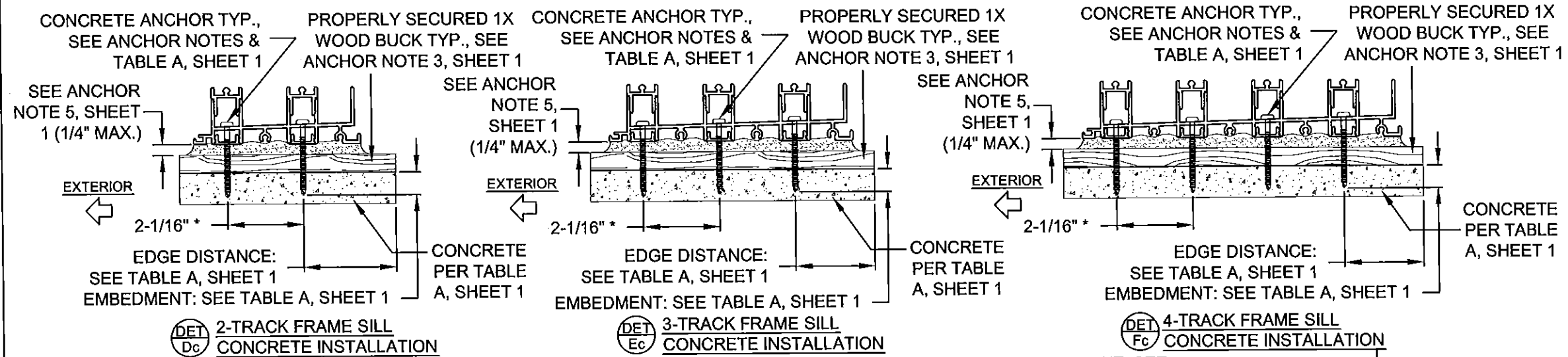
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Date: Oct. 29, 2015
NOA# 15-1013.15
Miami Dade Product Control
By: *Manuel Perez*

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/20/15
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

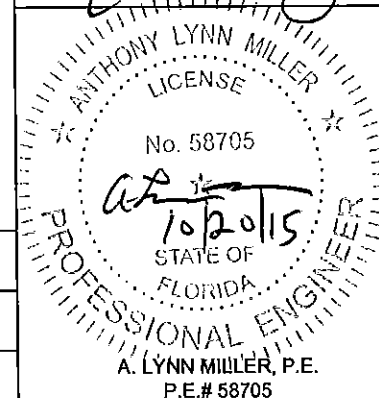
INSTALLATION DETAILS



NOTES:
 1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
 * DIAGONAL O.C. IS MIN 4" (HEAD & SILL) OR 6" (JAMB) SEE DETAILS, SHEETS 0 & 11.

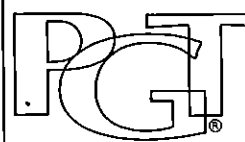


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 By: *Manuel P. [Signature]*



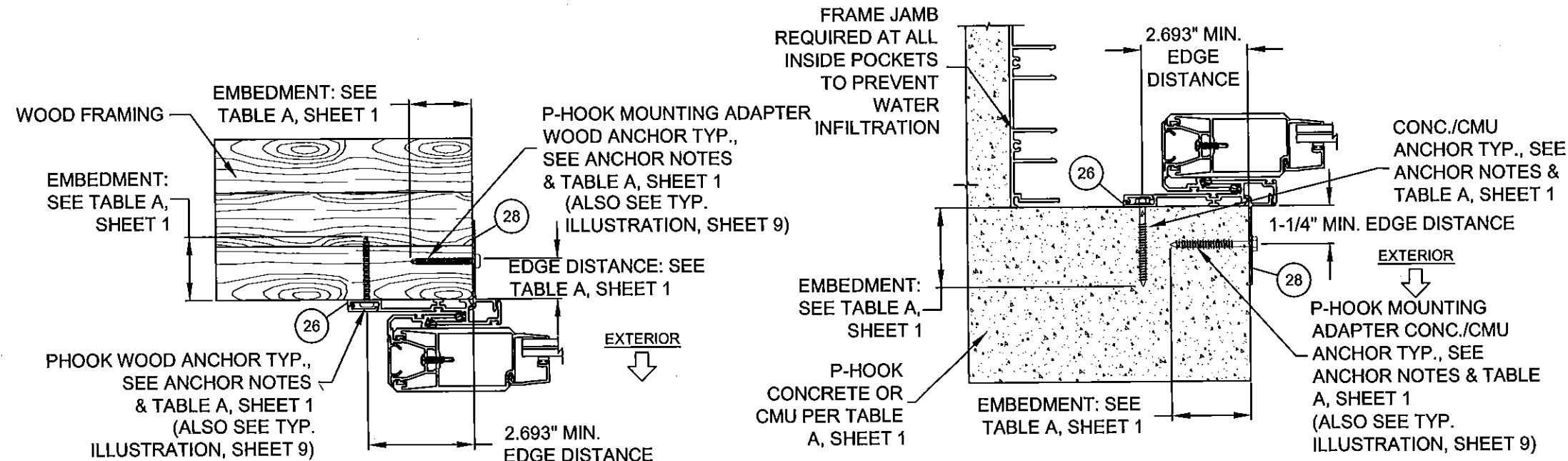
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Drawn By:	Date:	Checked By:	Date:
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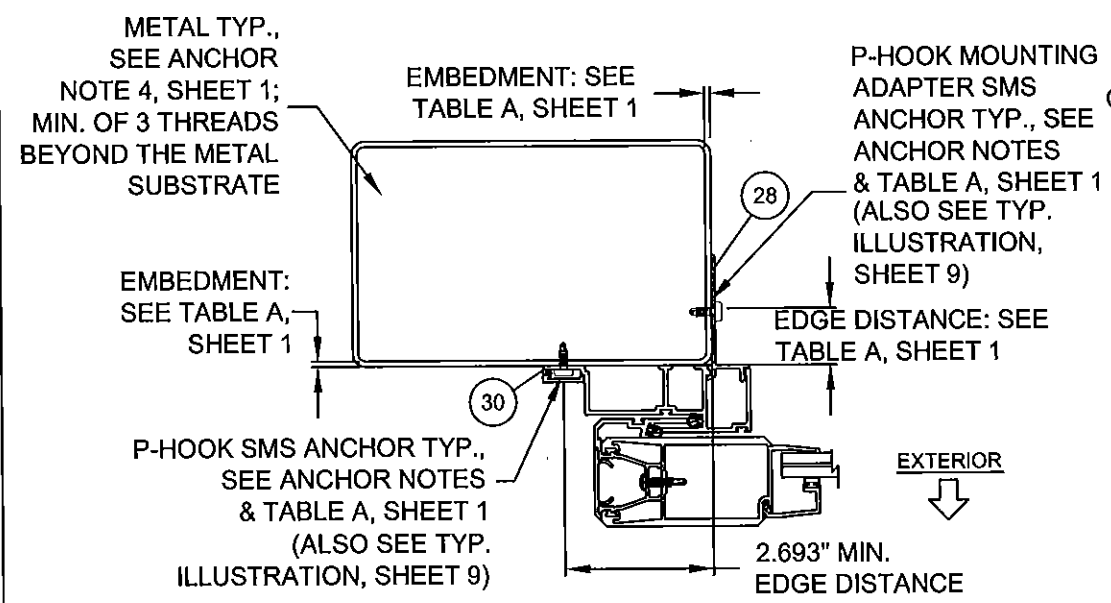
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SGD-770	NTS	13 of 22	PGT0130
Rev:			
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INSTALLATION DETAILS

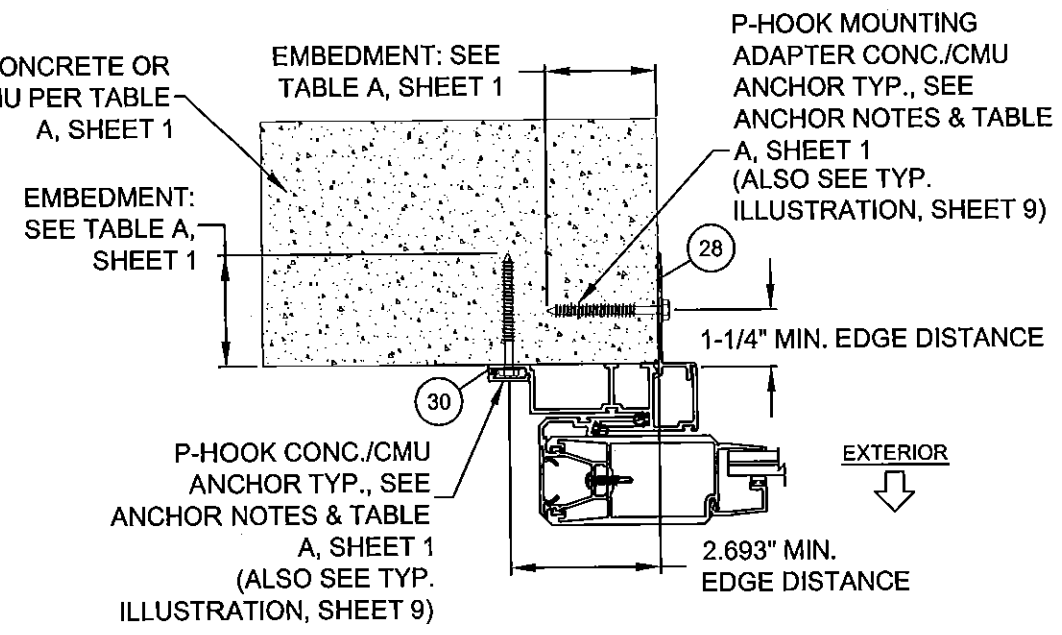


DET Jw P-HOOK FOR USE WITH FLAT SILL RISERS
PARTS #18, #20, #22 OR #24,
WOOD INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS) EXTERIOR MOUNT SHOWN,
MAY ALSO BE INSTALLED IN
INTERIOR CONDITION

DET Jc P-HOOK FOR USE WITH FLAT SILL RISERS
PARTS #18, #20, #22 OR #24,
CONCRETE/CMU INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS) INTERIOR MOUNT SHOWN,
MAY ALSO BE INSTALLED IN
EXTERIOR CONDITION



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

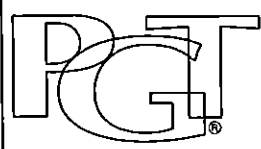


DET Kc P-HOOK FOR USE WITH BOX SILL RISERS
PARTS #19, #21, #23 OR #25,
CONCRETE INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS) EXTERIOR
MOUNT
ONLY

- NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
 2. FIGURES ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. SEE TABLE A, SHEET 1 FOR ALL APPROVED SUBSTRATES.
 3. SEE TABES 1-3, SHEETS 6-8 FOR REQUIRED P-HOOK AND P-HOOK MOUNTING ADAPTER ANCHOR QUANTITIES. ALSO SEE EXAMPLE ON SHEET 9.

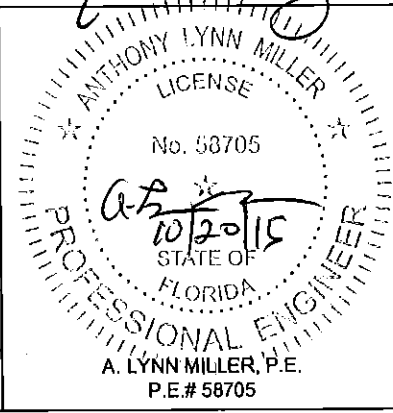
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JR	10/10/14		

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N. VENICE, FL 34275
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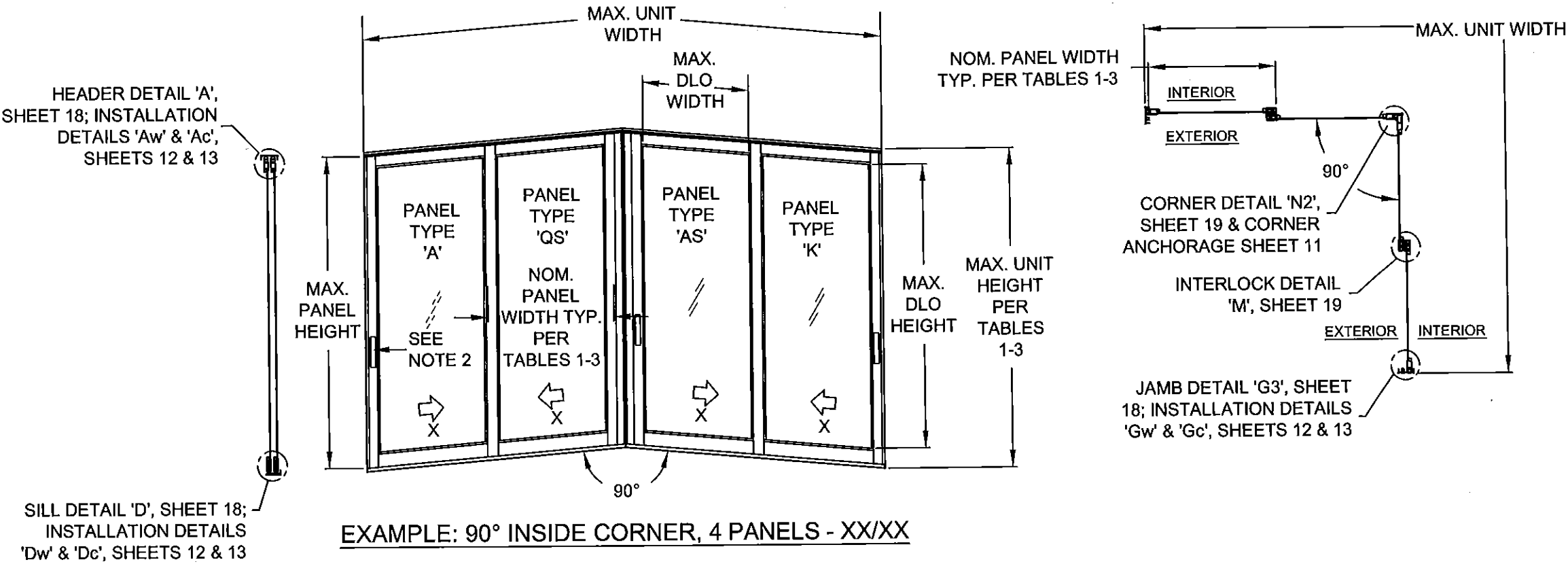


Description:			
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SGD-770	NTS	14 of 22	PGT0130
Rev:			A

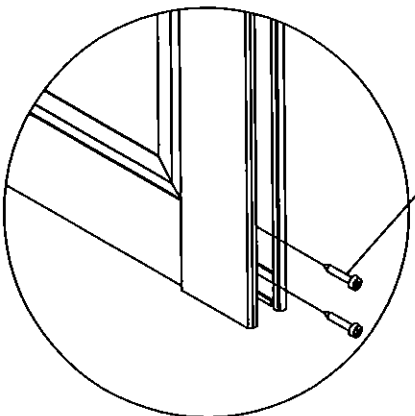
Approved as complying with the
Florida Building Code
Date: Oct. 29, 2015
NOAH 13-1013.15
Miami Dade Product Control
By: Manuel Perez



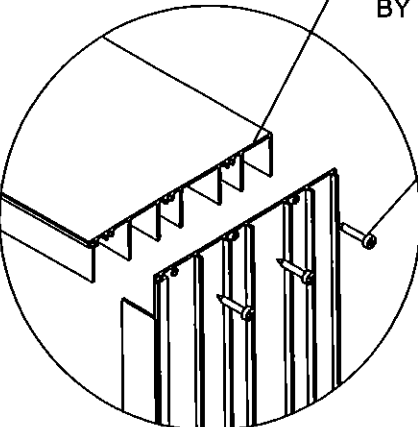
CONFIG. EXAMPLES



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



PANEL CORNER
DETAIL



FRAME CORNER
DETAIL

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

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

Revised By: SC	Date: 10/8/2015	Revisions: A	NO CHANGES THIS SHEET			Description: ANCHORAGE DETAILS / EXAMPLE ELEVATION				
Revised By:	Date:	Revisions:				Title: SERIES 770 ALUM. SGD - LM IMPACT				
Revised By:	Date:	Revisions:				Series/Model: SGD-770	Scale: NTS	Sheet: 15 of 22	Drawing No. PGT0130	Rev. A
Drawn By: JR	Date: 10/10/14	Checked By:	Date:							

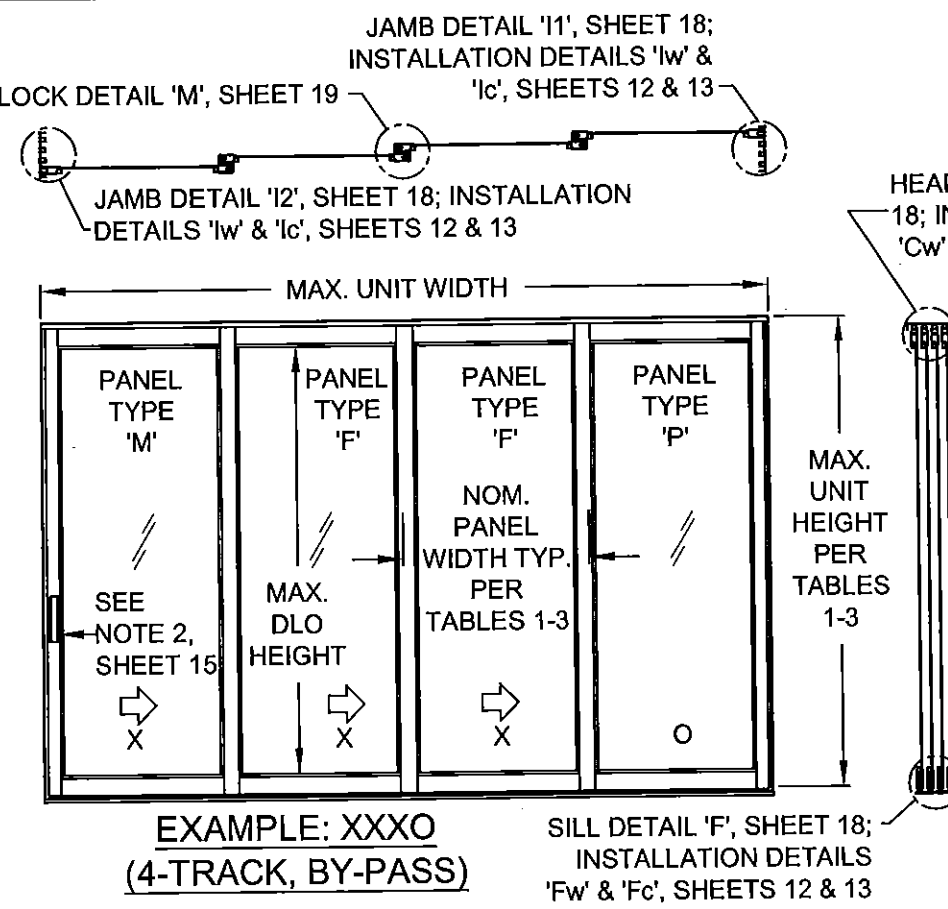
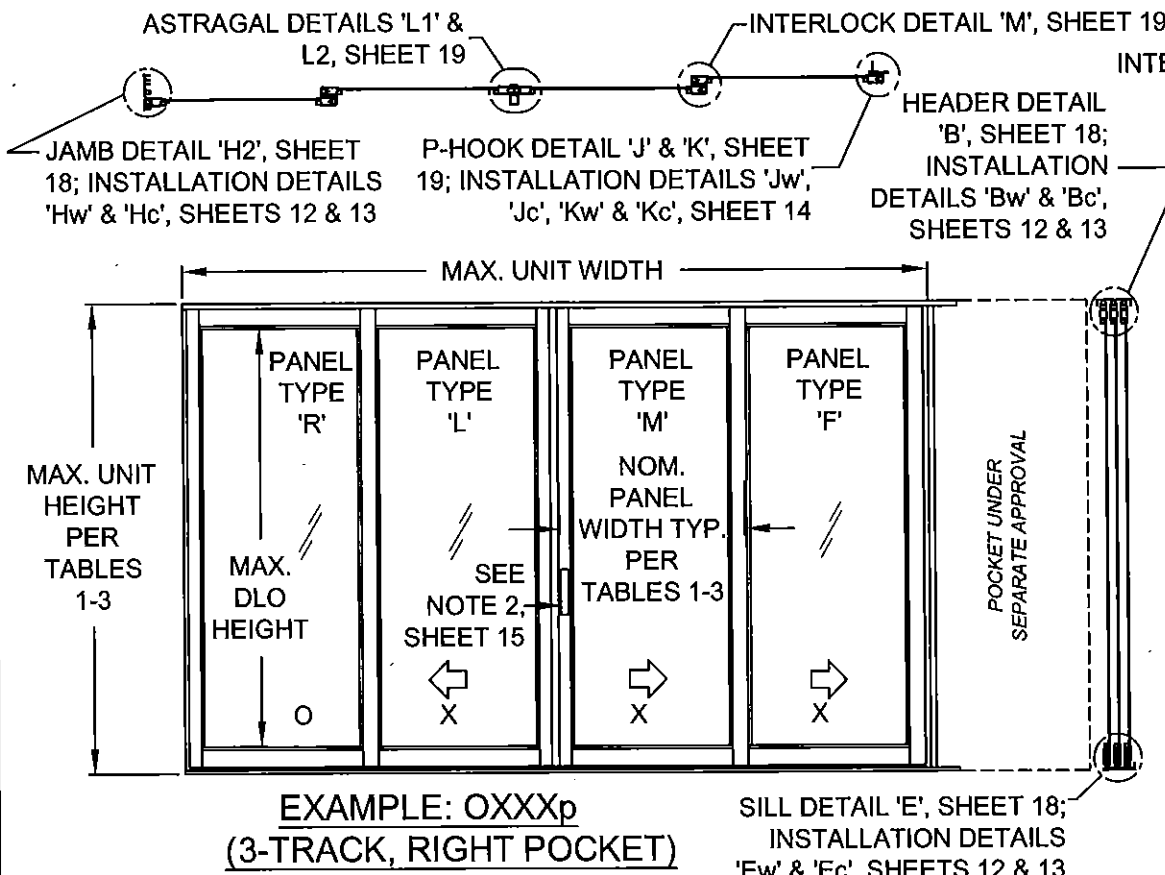
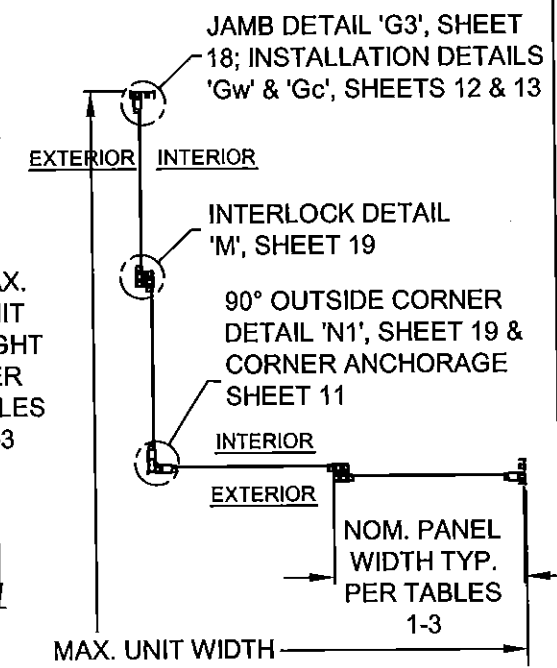
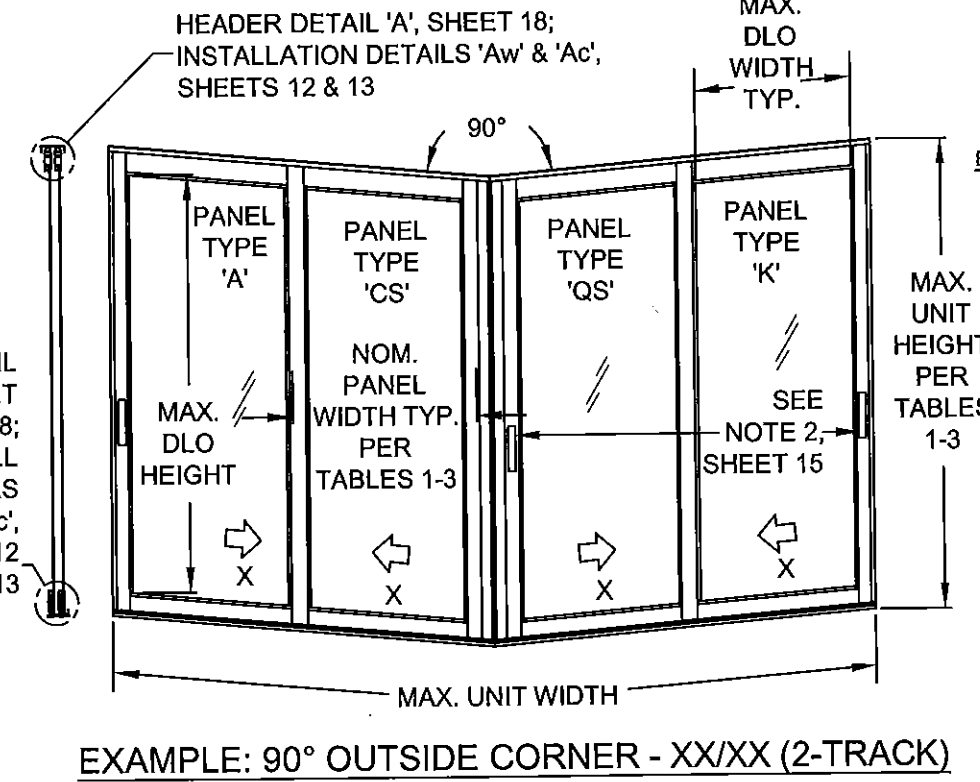
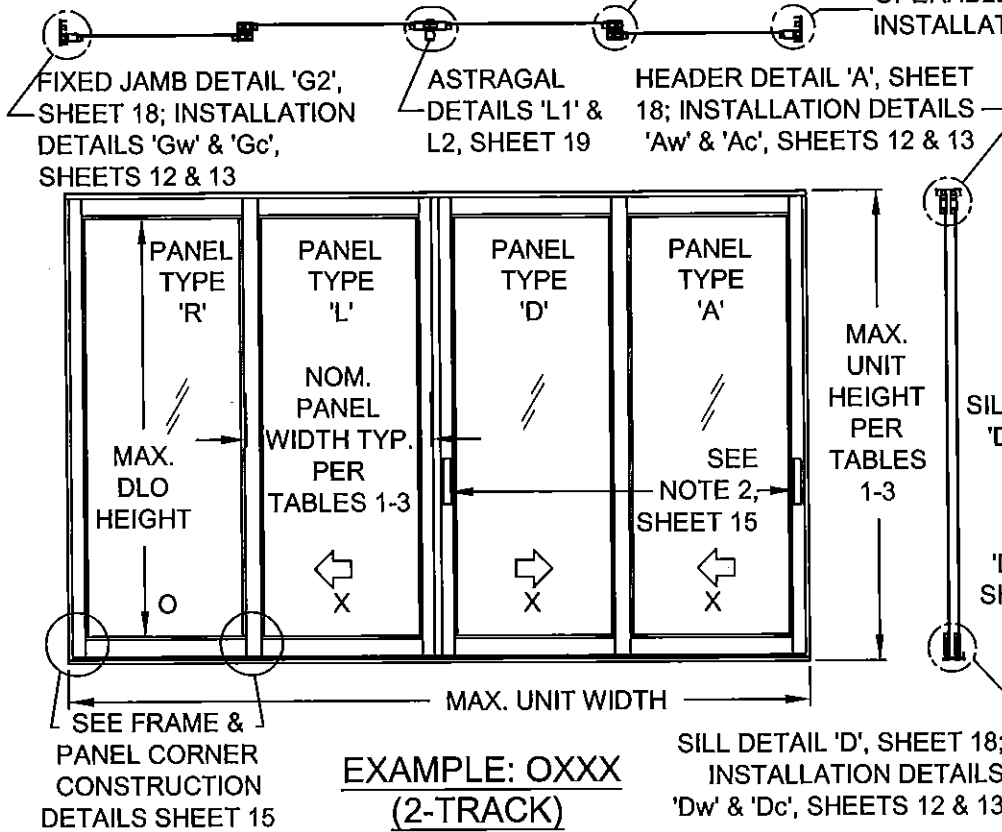
1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600 CERT. OF AUTH. #29296

Approved as complying with the
Florida Building Code
Date: 09.19.2015
NOA# 15-1013.15
Miami Dade Product Control
By: *Manuel Perez*

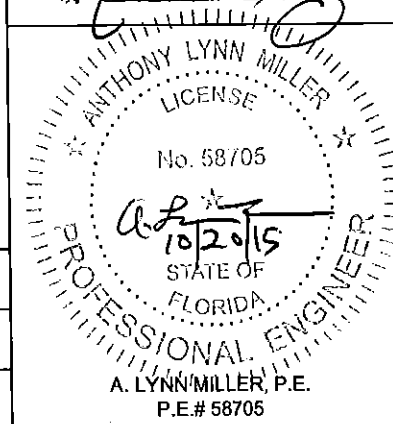
ANTHONY LYNN MILLER
LICENSE
No. 58705
10/20/15
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

CONFIG. EXAMPLES

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

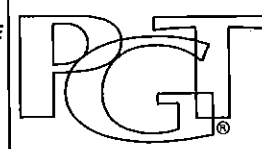


Approved as complying with the Florida Building Code
 Date: Oct. 29, 2015
 NOAH 15-1013.15
 Miami Dade Product Control
 By: Manuel Perez



Revised By: SC	Date: 10/8/2015	Revisions: A	NO CHANGES THIS SHEET
Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
Drawn By: JR	Date: 10/10/14	Checked By:	Date:

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



Description: EXAMPLE ELEVATIONS			
Title: SERIES 770 ALUM. SGD - LM IMPACT			
Series/Model: SGD-770	Scale: NTS	Sheet: 16 of 22	Drawing No. PGT0130
			Rev: A

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

LEFT PANEL STILE

RIGHT PANEL STILE

INTERIOR

EXTERIOR

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

PANEL NOTES:

1. SEE DP TABLES 1-3, SHEETS 6-8 FOR PANEL SIZES & DESIGN PRESSURE.

2. PANEL TYPES NOT SHOWN OR CROSSED OFF ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.

3. 90° ASTRAGALS TO USE HEAVY-DUTY STILES (#61), CORNER RECEIVER (#118) AND EITHER EXTERIOR (#119) OR INTERIOR (#120) CORNER ASTRAGALS.

4. 135° ASTRAGALS TO USE HEAVY-DUTY STILES (#61) AND CORNER ADDON (#31).

SILL RISERS OPTIONS

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

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

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

24 SILL RISER, FLAT HIGH, 4"

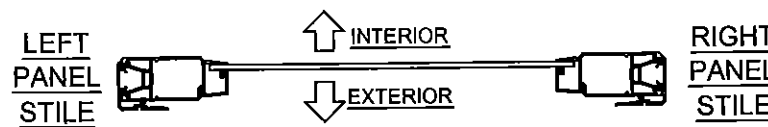
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Date 04.29.2015

NOAH 15-1013-15

Miami Dade Product Control

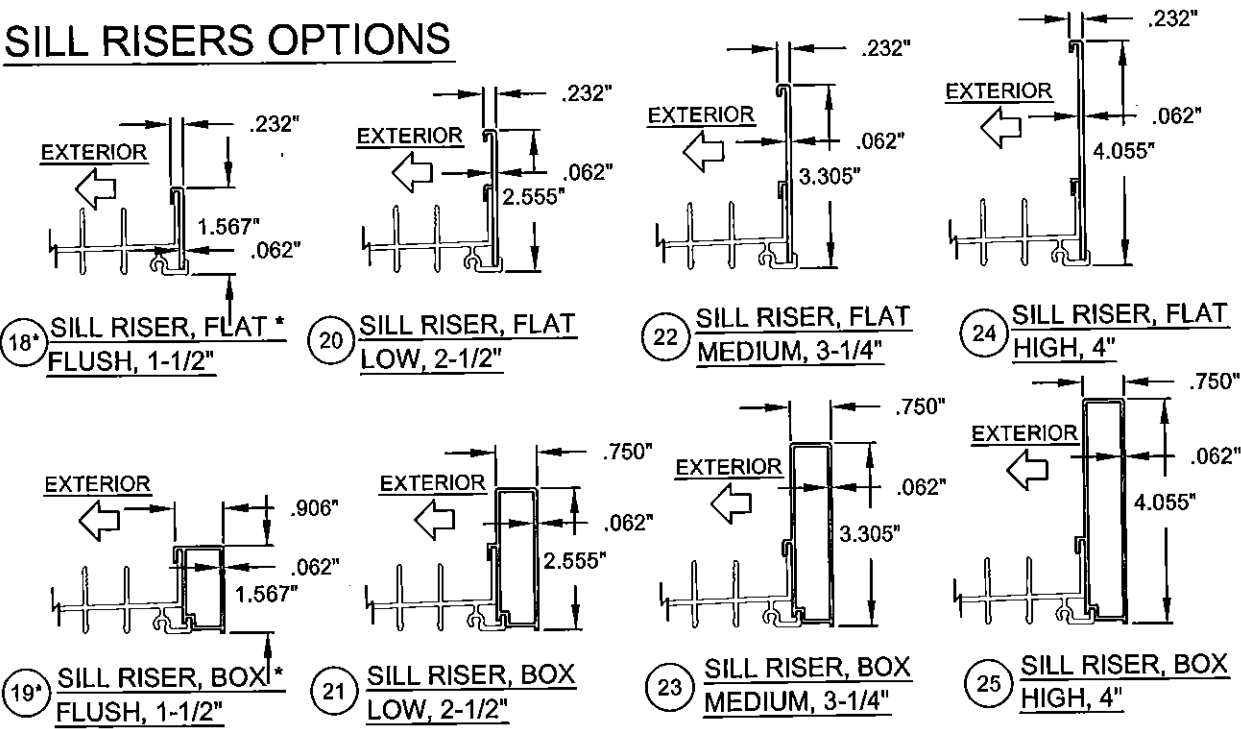
By



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

- PANEL NOTES:**
- SEE DP TABLES 1-3, SHEETS 6-8 FOR PANEL SIZES & DESIGN PRESSURE.
 - PANEL TYPES NOT SHOWN OR CROSSED OFF ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.
 - 90° ASTRAGALS TO USE HEAVY-DUTY STILES (#61), CORNER RECEIVER (#118) AND EITHER EXTERIOR (#119) OR INTERIOR (#120) CORNER ASTRAGALS.
 - 135° ASTRAGALS TO USE HEAVY-DUTY STILES (#61) AND CORNER ADDON (#31).

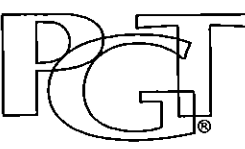
SILL RISERS OPTIONS



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

Revised By: SC	Date: 10/8/2015	Revisions: A	NO CHANGES THIS SHEET
Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
Drawn By: JR	Date: 10/10/14	Checked By:	Date:

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



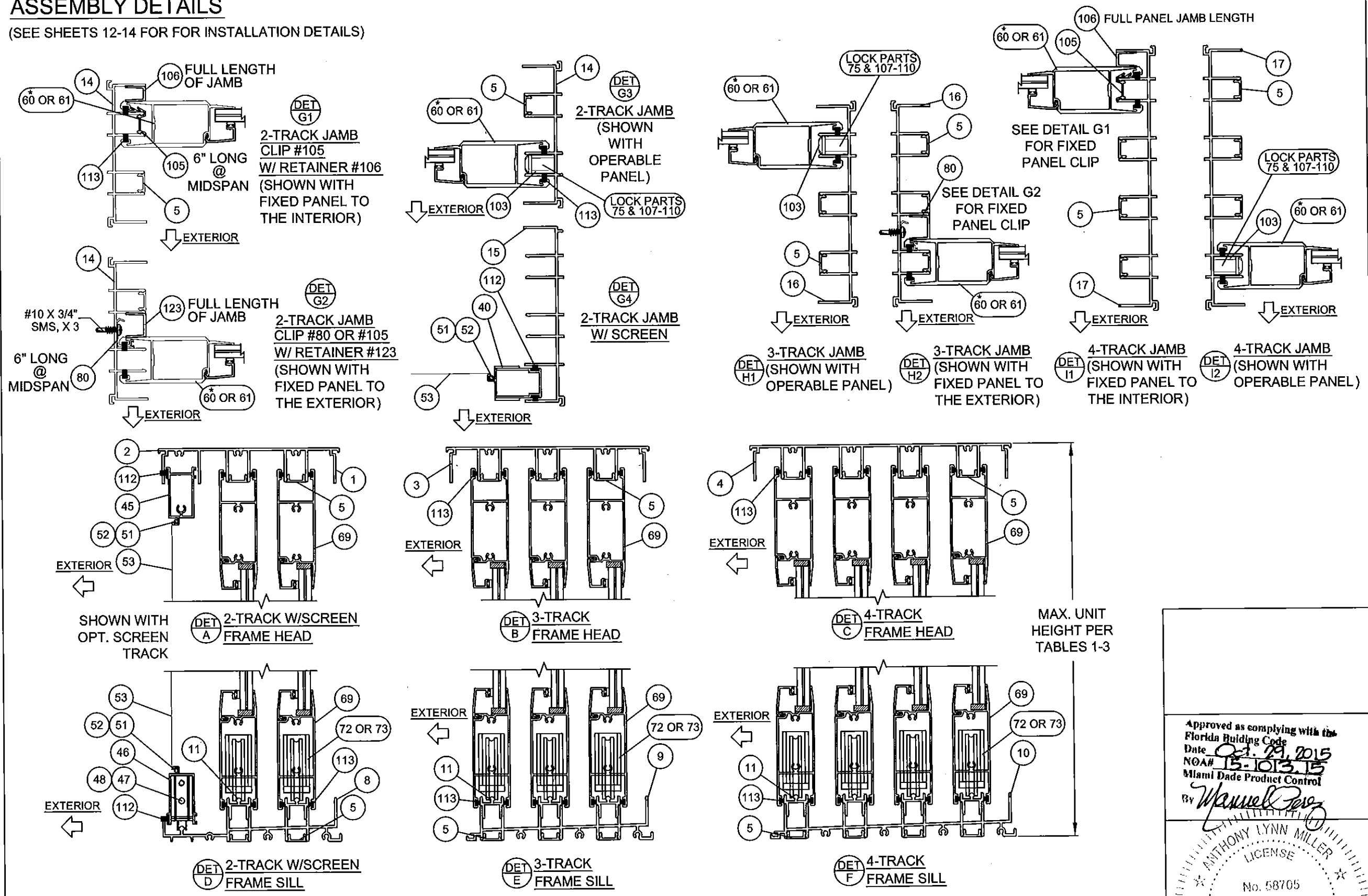
Description: PANEL TYPES			
Title: SERIES 770 ALUM. SGD - LM IMPACT			
Series/Model: SGD-770	Scale: NTS	Sheet: 17 of 22	Drawing No. PGT0130
Rev: A			

Approved as complying with the
Florida Building Code
Date: 04.29.2015
NOAH 15-1013.15
Miami Dade Product Control
By: *Manuel Arz*

ANTHONY LYNN MILLER
LICENSE
No. 58705
A-Lynn Miller
10/2015
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

ASSEMBLY DETAILS

(SEE SHEETS 12-14 FOR FOR INSTALLATION DETAILS)



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

Revised By: SC	Date: 10/8/2015	Revisions: A	NO CHANGES THIS SHEET
Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
Drawn By: JR	Date: 10/10/14	Checked By:	Date:

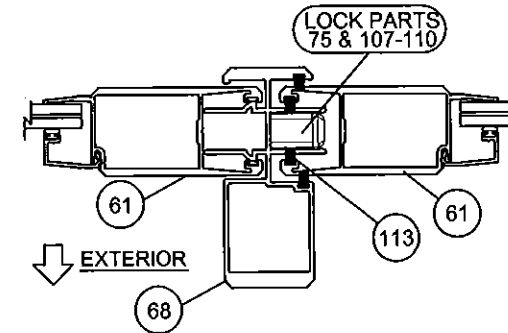
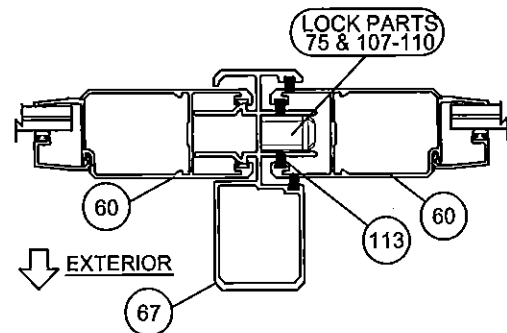
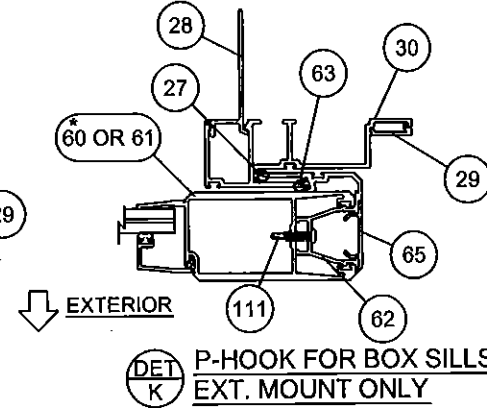
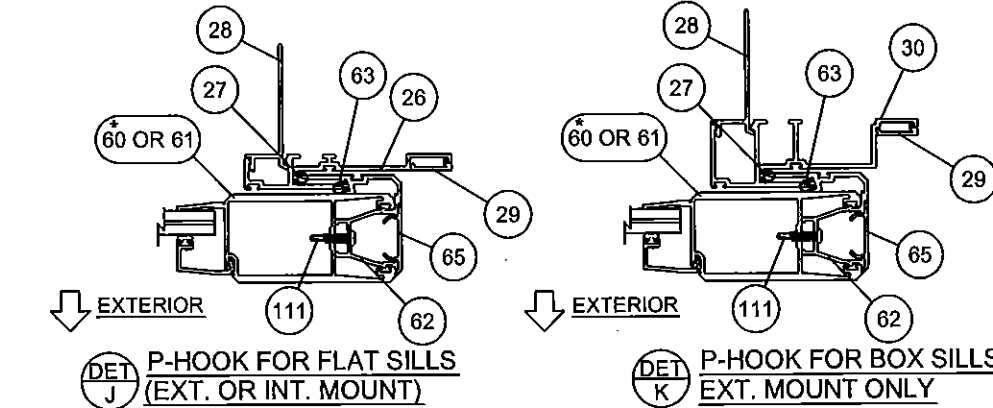
1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 CERT. OF AUTH. #29296	PGT	Description: VERTICAL SECTION DETAILS Title: SERIES 770 ALUM. SGD - LM IMPACT Series/Model: SGD-770 Scale: NTS Sheet: 18 of 22 Drawing No. PGT0130 Rev: A
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Approved as complying with the
Florida Building Code
Date 01.29.2015
NOAH 15-1013-15
Miami Dade Product Control
By Manuel P...

ANTHONY LYNN MILLER
LICENSE
No. 58705
A-L 10/20/15
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

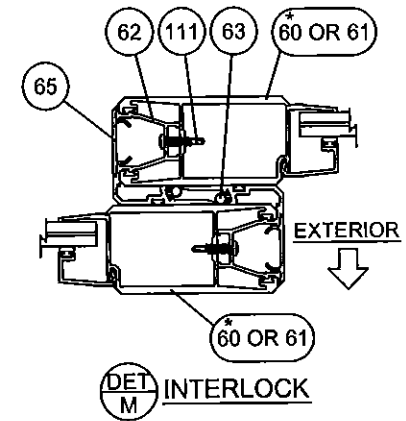
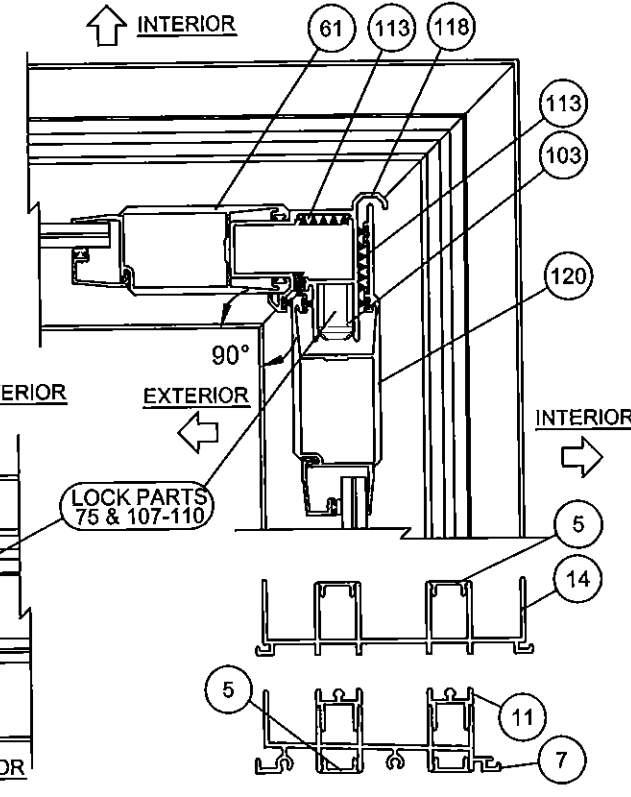
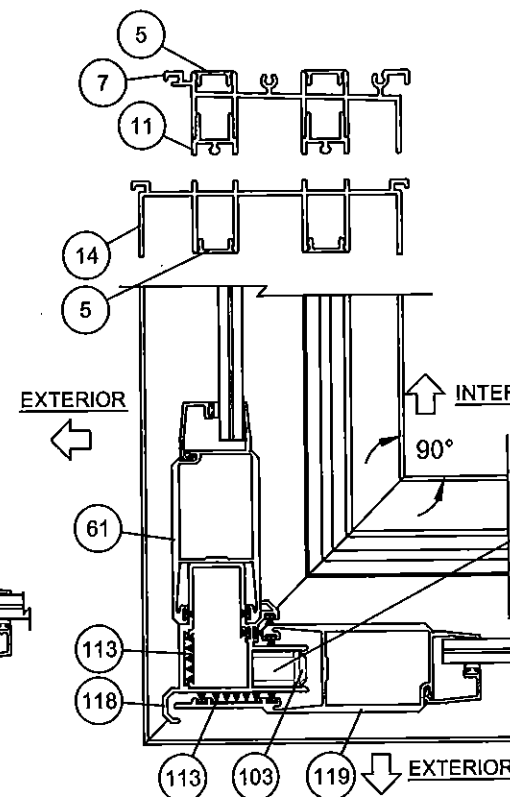
ASSEMBLY DETAILS

(SEE SHEETS 12-14 FOR FOR INSTALLATION DETAILS)

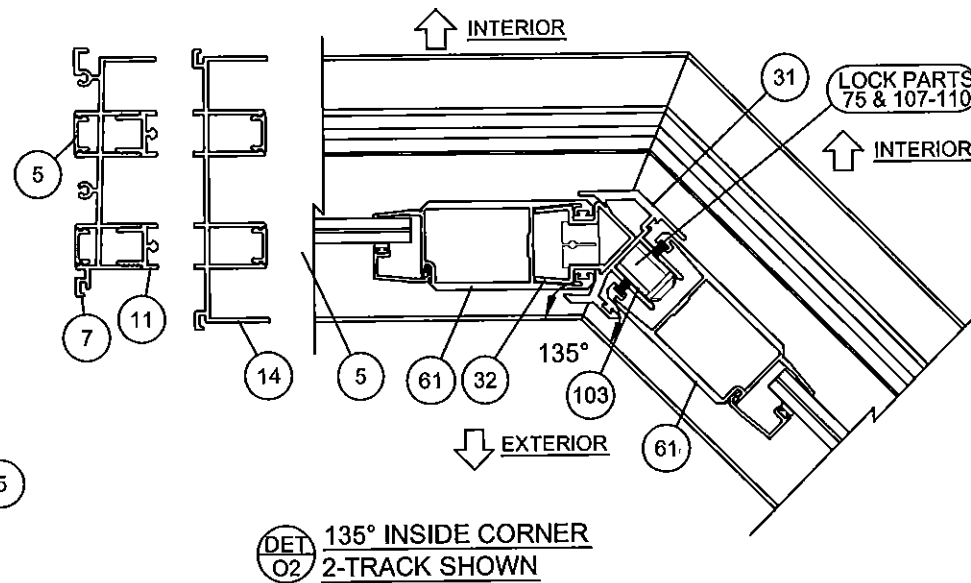
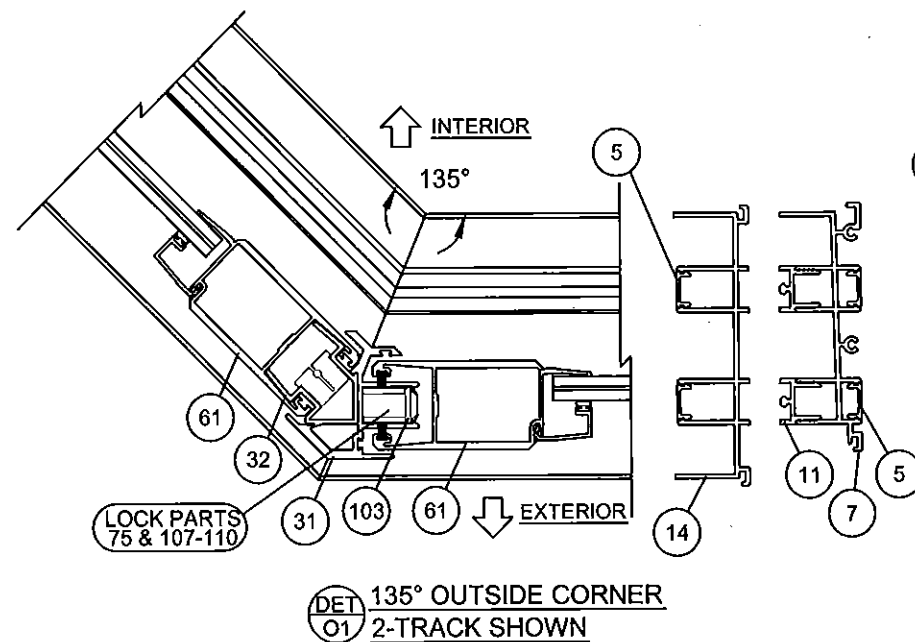


EXTERIOR BOX ASTRAGAL SHOWN
(BOX-OUT) MAY ALSO BE INSTALLED
TOWARDS INTERIOR (BOX-IN)

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



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



Revised By:	Date:	Revisions:	NO CHANGES THIS SHEET
SC	10/8/2015	A	
Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
Drawn By:	Date:	Checked By:	Date:
JR	10/10/14		

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



Description:	HORIZONTAL SECTION DETAILS, CORNERS		
Model:	SERIES 770 ALUM. SGD - LM IMPACT		
Series/Model:	SGD-770	Scale:	NTS
Sheet:	19	of	22
Drawing No.	PGT0130	Rev:	A

Approved as complying with the
Florida Building Code
Date Oct. 21, 2015
NOA# 15-1013-15
Miami Dade Product Control
By Manuel Perez
ANTHONY LYNN MILLER
LICENSE
No. 58705
10/20/15
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
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 SILL
8	17301	617301	2-TRACK SILL WITH SCREEN RAIL
9	17307	617307	3-TRACK SILL
10	17310	617310	4-TRACK SILL
11	17313	617313	FRAME SILL TRACK INSERT
12	17315	617315	FRAME SILL SCREEN ADD-ON (SEE NOTE 3)
13	17316	617316	FRAME SILL SCREEN END ADD-ON (SEE NOTE 3)
14	17305	617305	2-TRACK JAMB
15	17302	617302	2-TRACK JAMB WITH SCREEN RAIL
16	17308	617308	3-TRACK JAMB
17	17311	617311	4-TRACK JAMB
18	17322	617322	SILL RISER - FLAT, FLUSH, 1-1/2"
19	17319	617319	SILL RISER - BOX, FLUSH, 1-1/2"
20	17321	617321	SILL RISER - FLAT, LOW, 2-1/2"
21	17318	617318	SILL RISER - BOX, LOW, 2-1/2"
22	17355	617355	SILL RISER - FLAT, MEDIUM, 3-1/4"
23	17354	617354	SILL RISER - BOX, MEDIUM, 3-1/4"
24	17323	617323	SILL RISER - FLAT, HIGH, 4"
25	17320	617320	SILL RISER - BOX, HIGH, 4"
26	17333	617333	POCKET P-HOOK
27	7070	67070	NEOPRENE BULB WSTP FOR P-HOOK
28	17334	617334	POCKET P-HOOK MOUNT
29	17335	617335	P-HOOK COVER
30	17348	617348	POCKET P-HOOK FOR BOX RISER
31	17378	617378	135 CORNER
32	17376	617376	135 FIXED MOUNT
ITEMS 40-53 ARE SCREEN PARTS:			
40	4319	612258	SCREEN SIDE RAIL - LOCKSTILE
41		7LOCKWGSK	SCREEN LOCKSET
42		41818	SCREEN KEEPER SPACER SET
43	8152	68152	SCREEN INTERLOCK ADAPTER
44	4428	64428	SCREEN DOUBLE INTERLOCK
45	4317	612256	SCREEN TOP RAIL
46	4318	612257	SCREEN BOTTOM RAIL
47	668	7SRAZ	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		61818C20	SCREEN CLOTH
54	1725		1/2" X 4" X 1/16" SET. BLOCK, NEOPRENE 85 +/-5
55	1726		1" X 4" X 1/16" SET. BLOCK, NEOPRENE 85 +/-5

NOTES:

- 1) ALL ALUMINUM = 6063-T6
2) ITEMS # 33-39, 57-59, 66, 78, 84-99, 121 & 122 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.

Revised By:	Date:	Revisions:	
SC	10/8/2015	A	ADDED XL EDGE SPACER TO PART #56
Revised By:	Date:	Revisions:	
JJ	10/8/15	A	
Drawn By:	Date:	Checked By:	Date:
JR	10/10/14		

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275

(841)-480-1600

CERT. OF AUTH. #20206



Description:

PARTS LIST

Title:

SERIES 770 ALUM. SGD - LM IMPACT

Series/Model:

SGD-770

Scale:

NTS

Sheet:

20 of 22

Drawing No.

PGT0130

Rev:

A

NOTES:

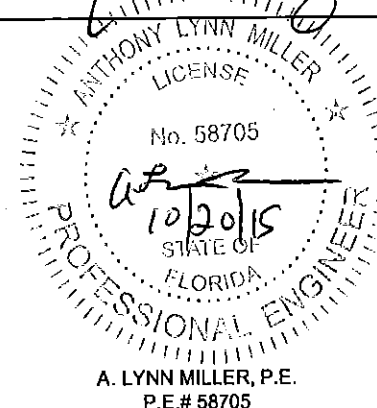
1) ALL ALUMINUM = 6063-T6

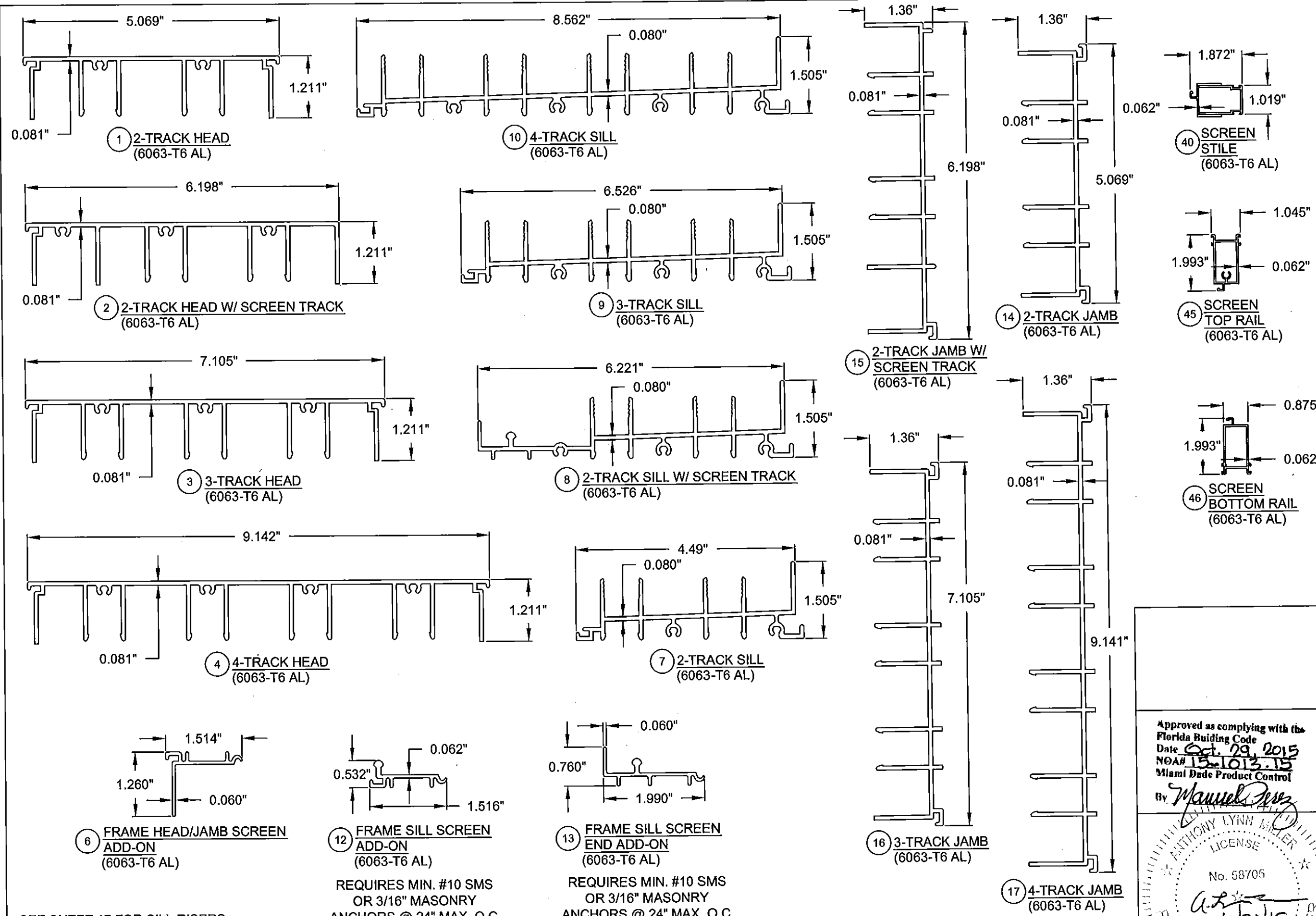
2) ITEMS # 33-39, 57-59, 66, 78, 84-99, 121 & 122 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.

3) USE OF #12 OR #13 REQUIRES MIN. #10 SMS OR 3/16" MASONRY ANCHORS @ 24" MAX. O.C.

Approved as complying with the
Florida Building Code
Date Oct. 29, 2015
NOAH 15-1013.15
Miami Dade Product Control

By Manuel Perez





SEE SHEET 17 FOR SILL RISERS.

Revised By:	Date:	Revisions:	
SC	10/8/2015	A	NO CHANGES THIS SHEET
Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
Drawn By:	Date:	Checked By:	Date:
JR	10/10/14		

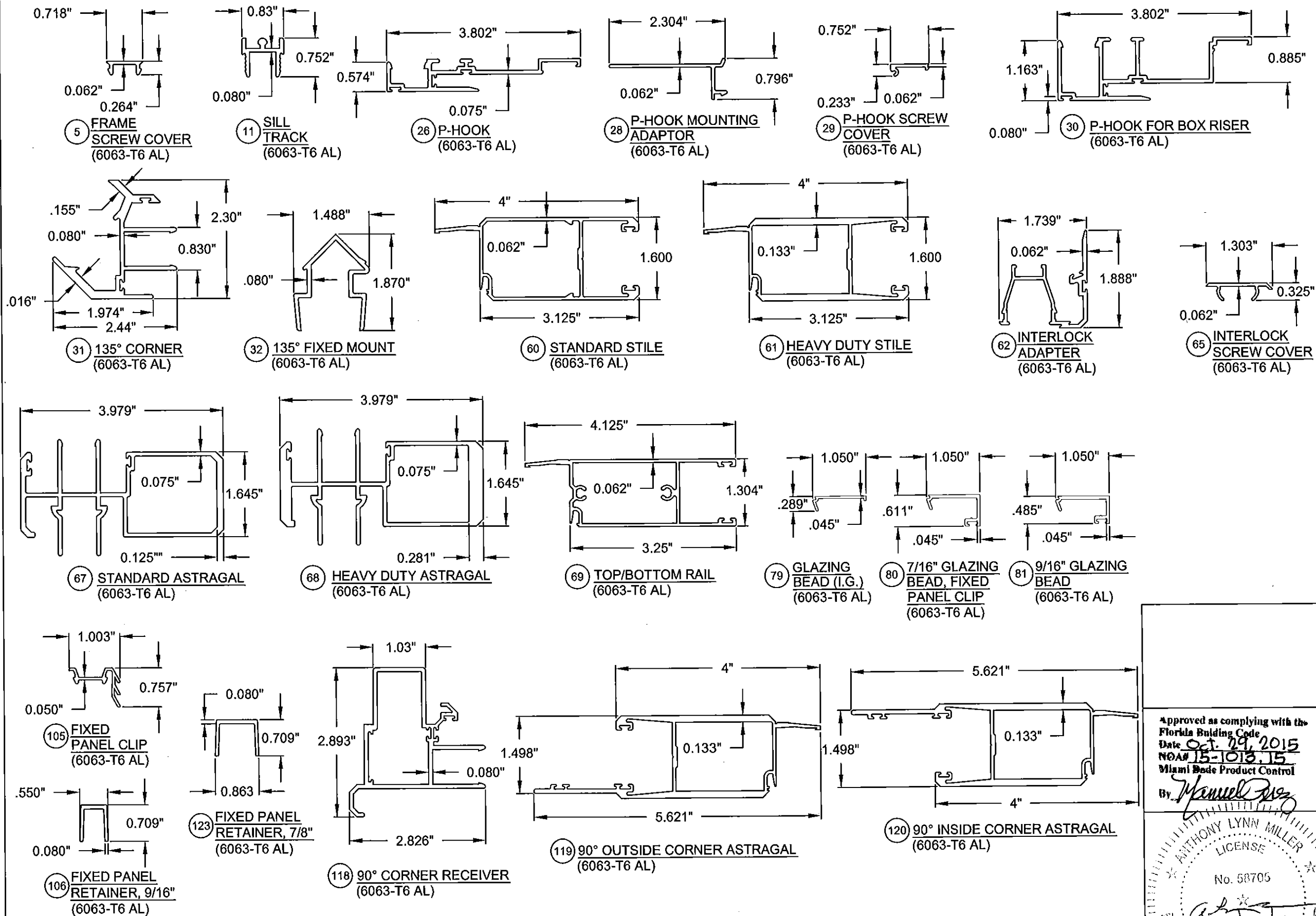
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600
CERT. OF AUTH. #29296



Description:			
EXTRUSIONS			
Title:			
SERIES 770 ALUM. SGD - LM IMPACT			
Series/Model:	Scale:	Sheet:	Drawing No.
SGD-770	NTS	21 of 22	PGT0130
Rev:			A

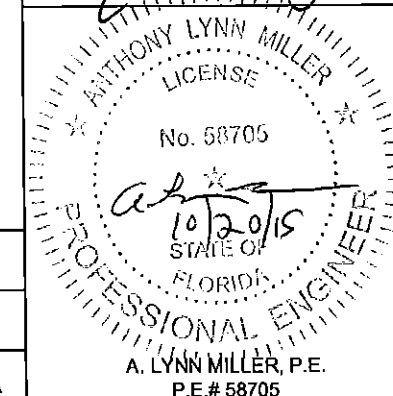
Approved as complying with the
Florida Building Code
Date: Oct. 29, 2015
NOA# 15-1013-15
Miami Dade Product Control
By: *Manuel Perez*

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/20/15
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



Approved as complying with the
Florida Building Code
Date Oct. 29, 2015
NOA# 15-1013.15
Miami Code Product Control

By Manuel Ruiz



Revised By:	Date:	Revisions:	
SC	10/8/2015	A	NO CHANGES THIS SHEET
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Revised By:	Date:	Revisions:	
Drawn By:	Date:	Checked By:	Date:
JR	10/10/14		

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600
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Description: EXTRUSIONS			
Title: SERIES 770 ALUM. SGD - LM IMPACT			
Series/Model:	Scale:	Sheet:	Drawing No.
SGD-770	NTS	22 of 22	PGT0130
Rev:			A