



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

PGT Industries, Inc.
1070 Technology Drive,
Nokomis, FL 34275

SCOPE:

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

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

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

DESCRIPTION: Series "SGD-670" Aluminum Sliding Glass Doors w/ 90° & 135° corners -NI

APPROVAL DOCUMENT: Drawing No. PGT0128 Rev B, titled "Series 670 Alum SGD-Non-Impact", sheets 1 through 22 of 22, prepared by manufacturer, dated 02-02-14 and last revised on 06/08/16, 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: None: Approved Hurricane Protection devices, complying w/ FBC, as applicable are required.

Limitations:

1. Max eight (8) panels configuration unit is allowed, having max nominal panel size not to exceed tested height & width per tables 1 thru 3. See sheets 6, 7 and 8 for Design Pressures (DP), glass types, Sill type for Positive DP limits, applicable Standard or Heavy Duty parts and anchorage requirements. See sheet 10 for straight configured units and sheet 11 for corner units. Pockets & Egress requirements to be reviewed by Building official.

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 # 15-1013.14 and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

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



NOA No. 16-0629.03
Expiration Date: April 07, 2020
Approval Date: July 21, 2016
Page 1

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7/12/16

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under files See below)
2. Drawing No. **PGT0128 Rev B**, titled "Series 670 Alum SGD-Non-Impact", sheets 1 thru 22 of 22, prepared by manufacturer, dated 02-02-14 and last revised on 06/08/16, signed and sealed by Lynn Miller, P.E.

B. TESTS

1. Test report on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass Doors (w/ TPS, Super, Cardinal & Duraseal Spacers), prepared by Fenestration Testing Laboratory, Inc., Test Reports No(s) **FTL-8717, FTL-8970 and FTL-8968**, dated 02/15/16, 06/07/16 and 06/20/16, all signed & sealed by Idalmis Ortega, P.E.

2. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94.
4) 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 Reports No(s) **FTL-5979, FTL-5980, FTL-5994, FTL-6002, FTL-6034 & FTL-6035**, dated 08/10/09, all signed & sealed by Julio Gonzales, P.E. (All above test reports submitted under files # **14-0123.11, #11-1018.17/#09-0826.13**)

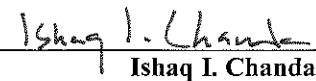
2. Reference Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94.
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test,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

Along w/ marked-up drawings and installation diagram of Aluminum Sliding Glass Doors, prepared by Fenestration Testing Laboratory, Inc., Test Reports No**FTL-7554**, dated 11/01/13, signed & sealed by Marlin D. Brinson, P.E (This file has addendum letter dated 08/14/14 & marked-up drawings dated 08/19/14 & revised interior astragal marked-up Dwgs dated 11-11-13, all issued by Fenestration Testing

3. Additional REF supporting test # **FTL 5254, FTL 5980, FTL 5987 and ATI72138.01-401-18**.
4. Additional, Reference Fixed window test report **FTL-7897** (cardinal spacer) per TAS 201, 202 & 203-94, issued by Fenestration Testing lab (Test report submitted under file **#15-0430.08**).

C. CALCULATIONS (submitted under file #14-0123.11)

1. Anchor verification and comparative analysis dated 03/18/14, 06/25/14 and last revised on 01/30/15, sheets 1 thru 67, prepared by PGT, signed and sealed by Lynn Miller, P. E.
2. Glazing complies with ASTM E-1300-02, -04 & -09.


Ishaq I. Chanda, P.E.

Product Control Examiner
NOA No. 16-0629.03

Expiration Date: April 07, 2020

Approval Date: July 21, 2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS (submitted under file #14-0123.11)

1. Statement letter dated 10/08/15 of compliance to FBC 2014 (5th Edition) and “No financial interest”, prepared by PGT, signed & sealed by Lynn Miller, P.E.
2. Letter of lab compliance, part of the above test reports.

G. OTHER

1. This NOA **revises # 15-1013.14**, expiring April 07, 2020.
2. Test proposal # 16-0125 dated 03/09/16 approved by RER.
3. AAMA’s Technical Paper for SGD & Bi-fold doors referenced to FBC 2014 (5th edition).
4. Test proposal dated 6/4/13 & 08/12/13 approved by Jaime Gascon, P.E.
5. Test proposals No(s) **09-0177, 0177-A, B & C** approved by BCCO.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 16-0629.03

Expiration Date: April 07, 2020

Approval Date: July 21, 2016

SERIES 670, NON-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 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-5254, FTL-5979, FTL-5980, FTL-5987, FTL-5994, FTL-6002, FTL-6034, FTL-6035, FTL-7554 AND ATI 72138.01-1401-18

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 G1 (3/16" TEMPERED GLASS), G1A (1/4" TEMPERED GLASS), G2 (1" I.G.: 3/16" TEMPERED GLASS + 5/8" AIRSPACE + 3/16" TEMPERED GLASS), and G2A (1" I.G.: 1/4" TEMPERED GLASS + 1/2" AIRSPACE + 1/4" TEMPERED GLASS).

TABLE A:

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

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE. METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
**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 map contents: GENERAL NOTES, EXAMPLE CONFIGS, GLAZING DETAILS, ANCHORAGE, DESIGN PRESSURES, INSTALL DETAILS, ELEVATIONS, PANEL / SILL TYPES, CROSS SECTIONS, PARTS LIST, EXTRUSIONS.

STANDARDS USED:

- 2014 FLORIDA BUILDING CODE (FBC), 5TH EDITION
- ASTM E1300-09
- ANSI/AF&PA NDS-2012 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2010
- AISI-S100-07/S2-2010

Table with 2 columns: DESIGN PRESSURE RATING, IMPACT RATING. Values: SEE TABLES 1, 2 & 3 ON SHEETS 6, 7 & 8; NOT RATED FOR MISSILE IMPACT RESISTANCE.

Table with 4 columns: Rev'd By, Date, Revisions, Description. It tracks revisions to the drawing, including a revision for 'ADDED SPACERS TO SHEET 5'.

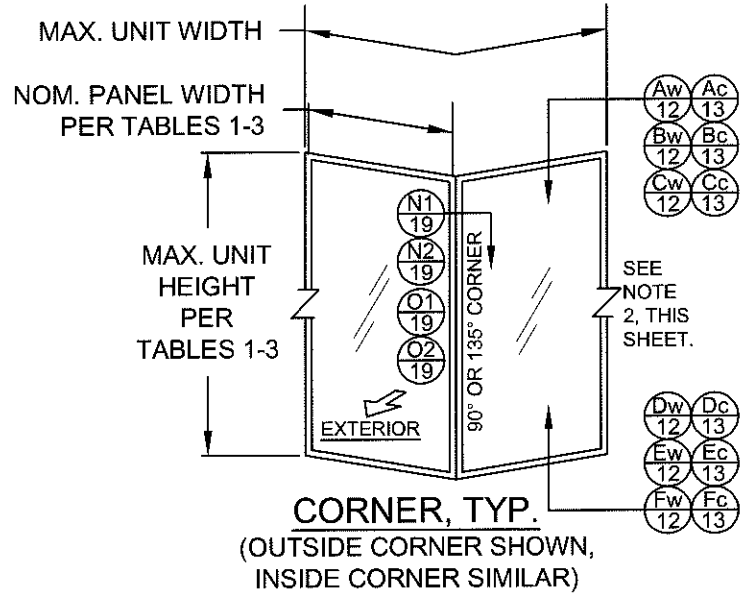
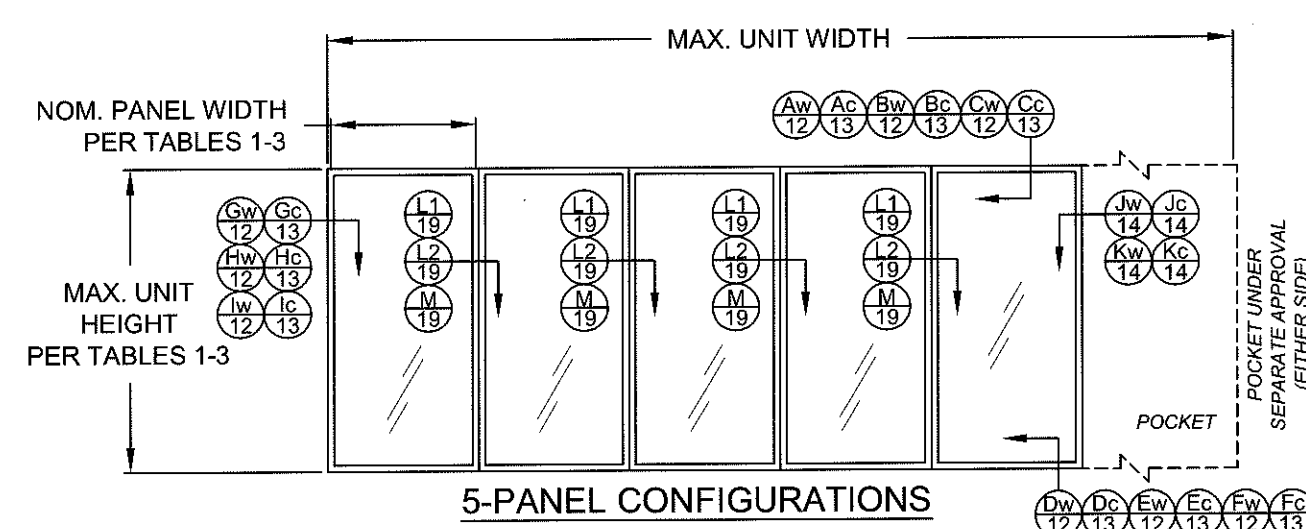
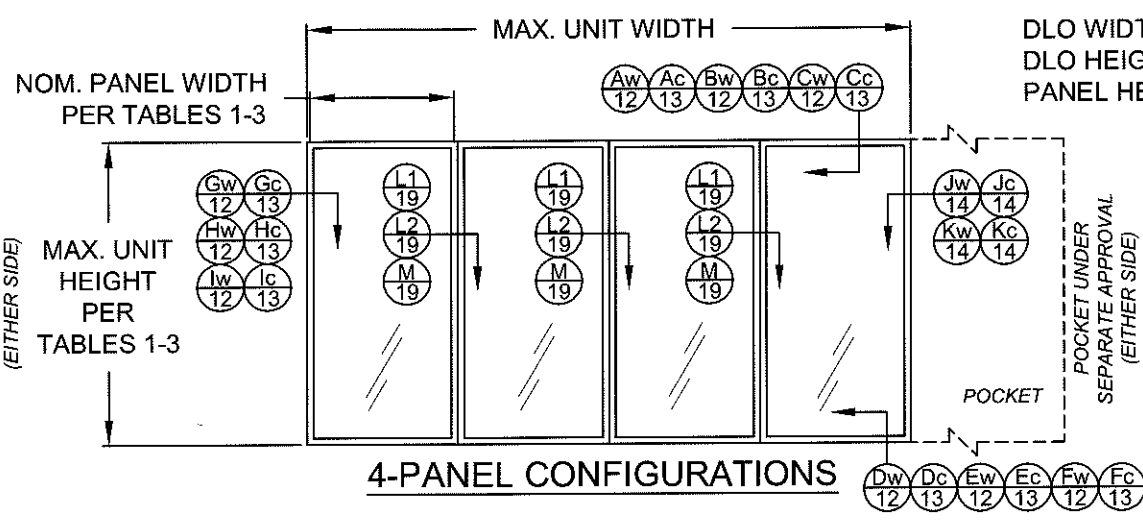
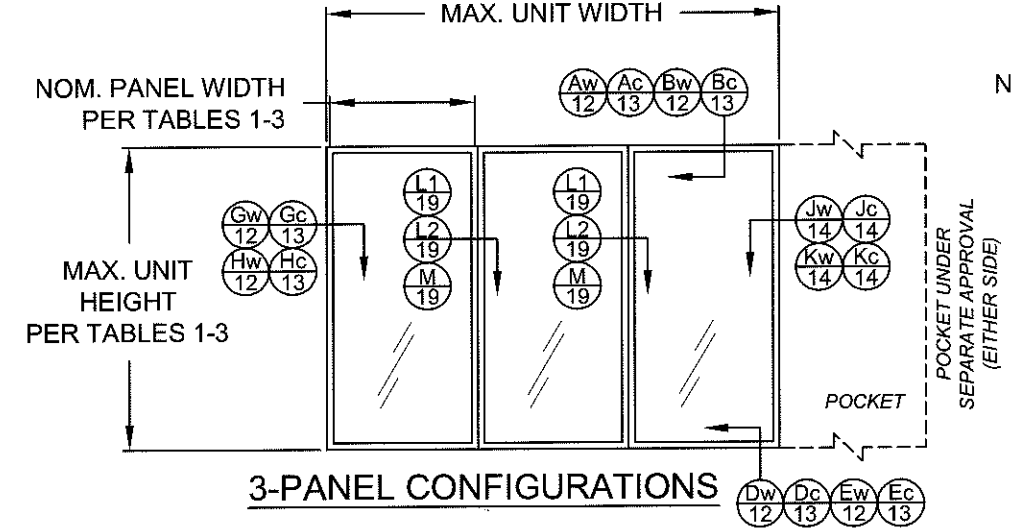
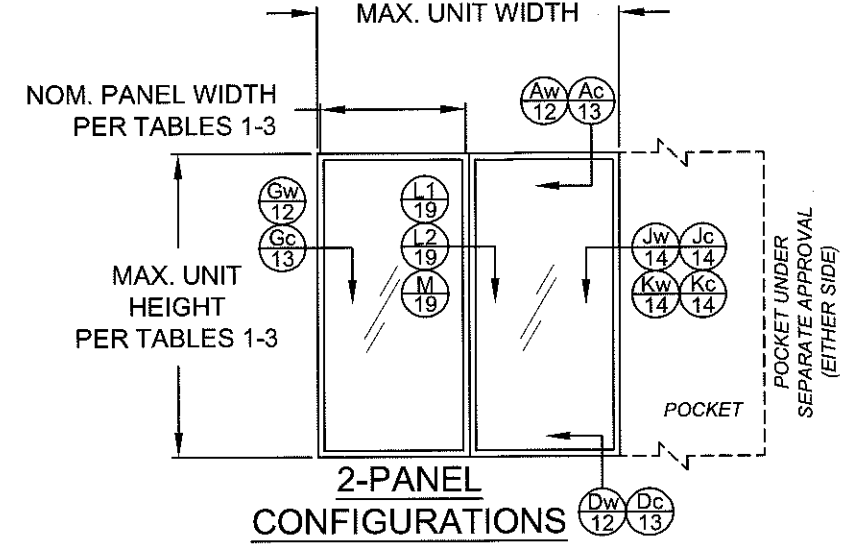
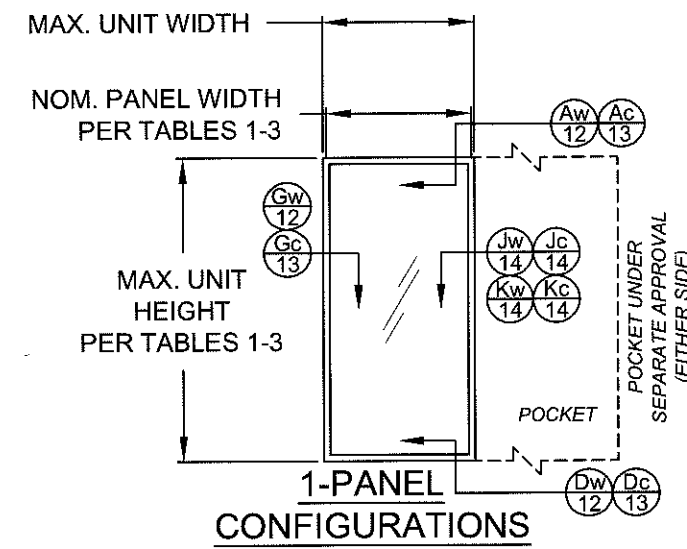
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600
CERT. OF AUTH. #29296



Table with 6 columns: Description, Title, Series/Model, Scale, Sheet, Drawing No. It contains the title 'GENERAL NOTES AND MAP' and 'SERIES 670 ALUM. SGD - NON-IMPACT'.

Professional Engineer seal for Anthony Lynn Miller, No. 58705, State of Florida. Includes a 'PRODUCT REVISED' stamp with acceptance and expiration dates.

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"

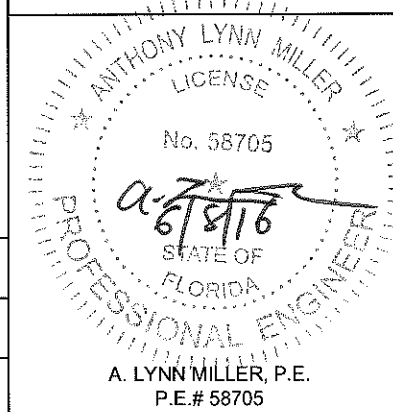
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-0629.03
Expiration Date 04/07/20
A. Lynn Miller
Professional Engineer

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

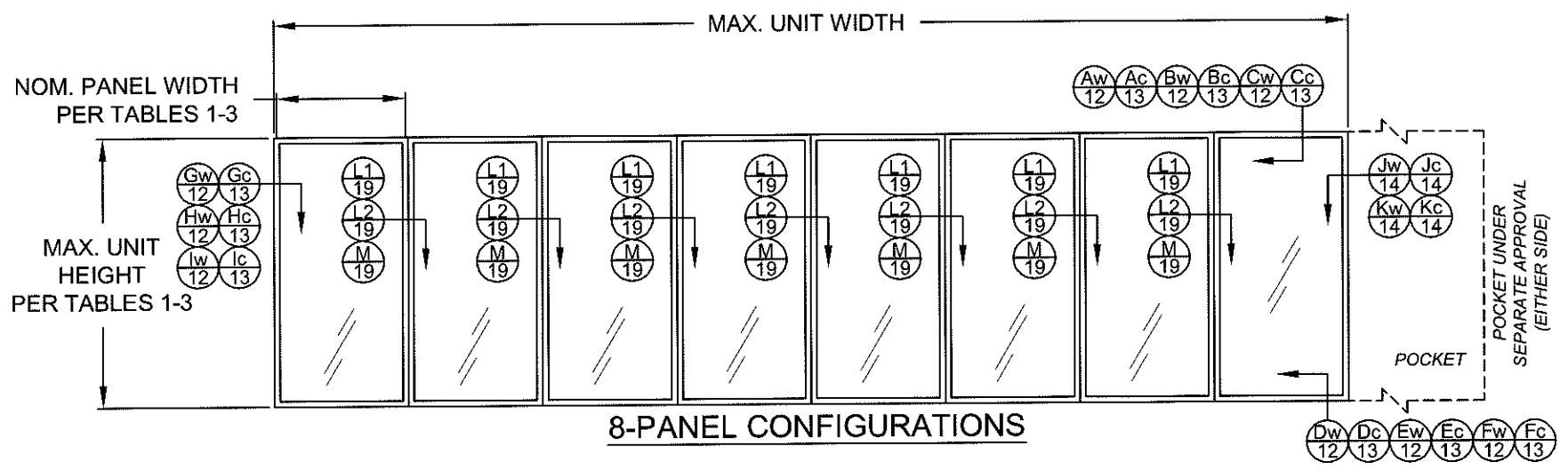
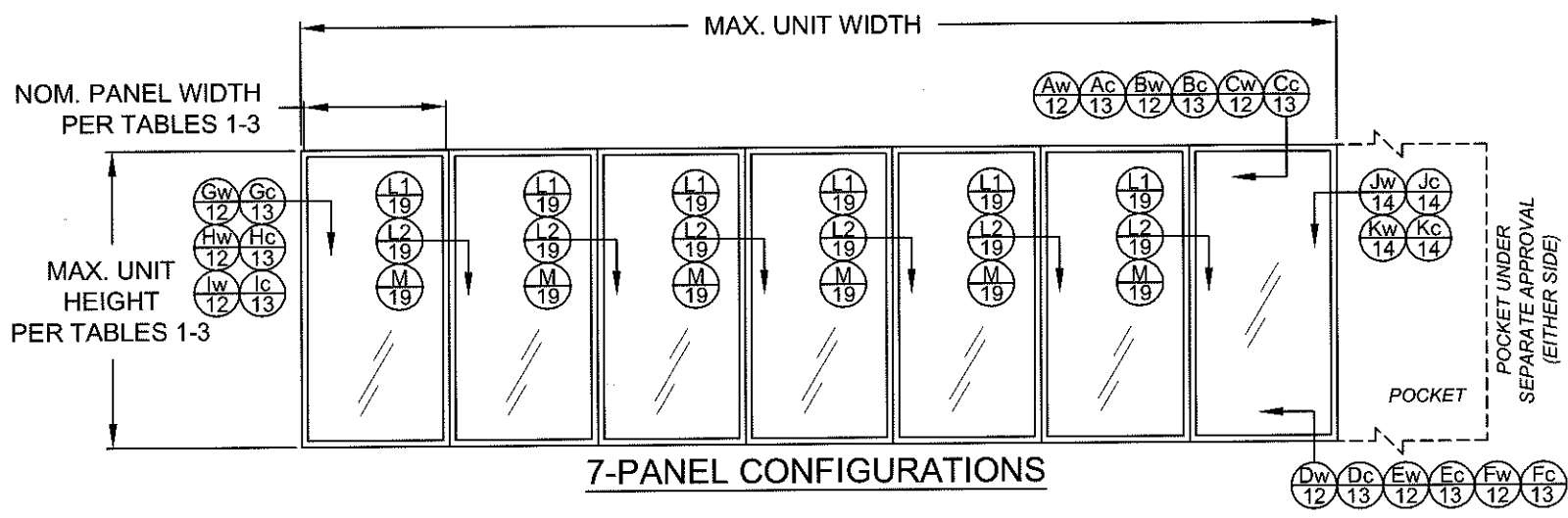
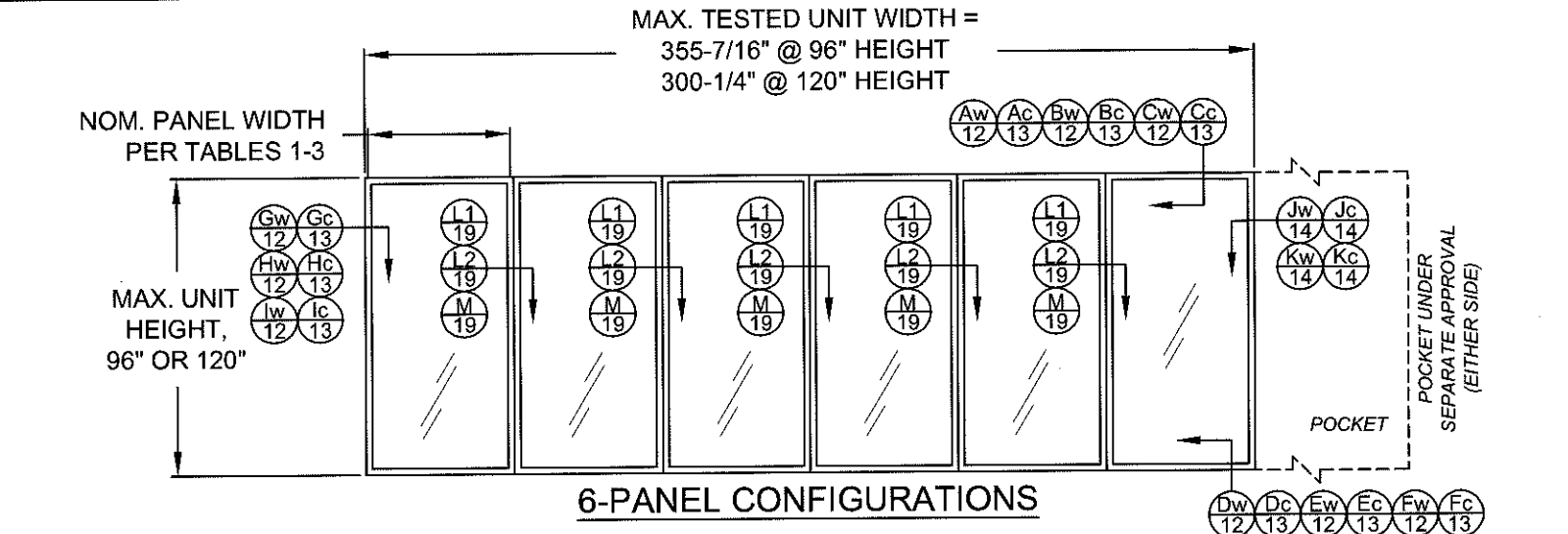
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600
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Description:	EXAMPLE CONFIGURATIONS			
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Series/Model:	SGD-670	Scale:	NTS	Sheet:
				2 of 22
Drawing No.	PGT0128	Rev:	B	



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

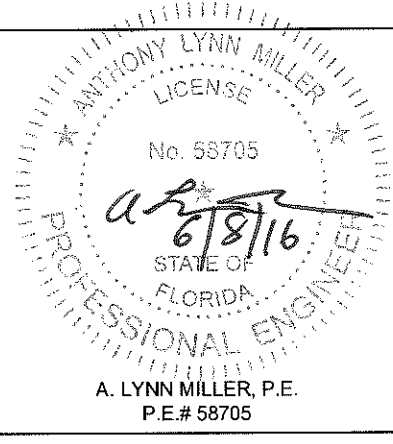
DETAIL LETTER
Xx

"w" = WOOD OR METAL INSTALLATION
"c" = CONCRETE INSTALLATION
SHEET NUMBER

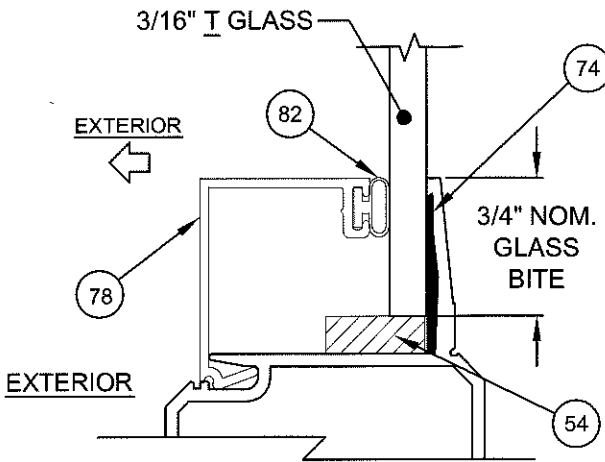
DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = DOOR UNIT HEIGHT - 10.125"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.866"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-0629.03
Expiration Date 4/7/20
A. Lynn Miller
Product Control

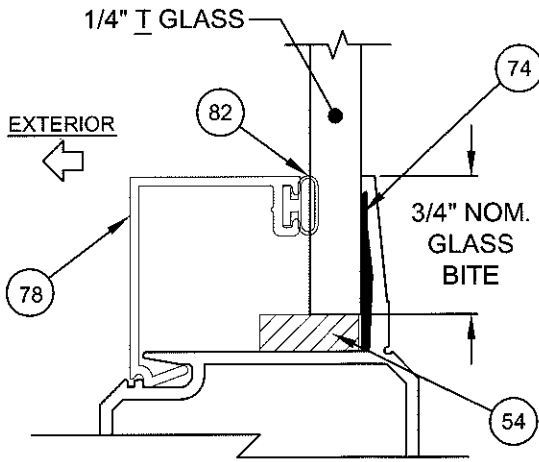
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Revsd By:	Date:	Revisions:				Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	Date:	Checked By:	Date:			SGD-670	NTS	3 of 22	PGT0128	B
JR	02/20/14									



GLAZING DETAILS (G1 & G1A)



3/16" TEMPERED GLASS, TYPE G1

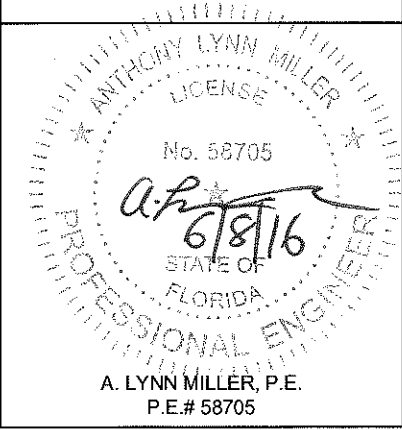


1/4" TEMPERED GLASS, TYPE G1A

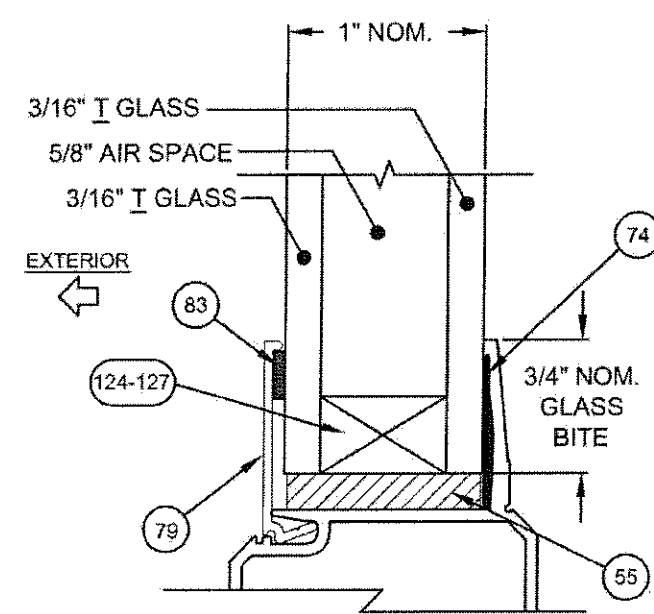
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as complying with the Florida
Building Code
Acceptance No. 16-0629-03
Expiration Date 4/7/20
A. Lynn Miller
In Charge Product Control

GLAZING NOTES:
"T" = TEMPERED

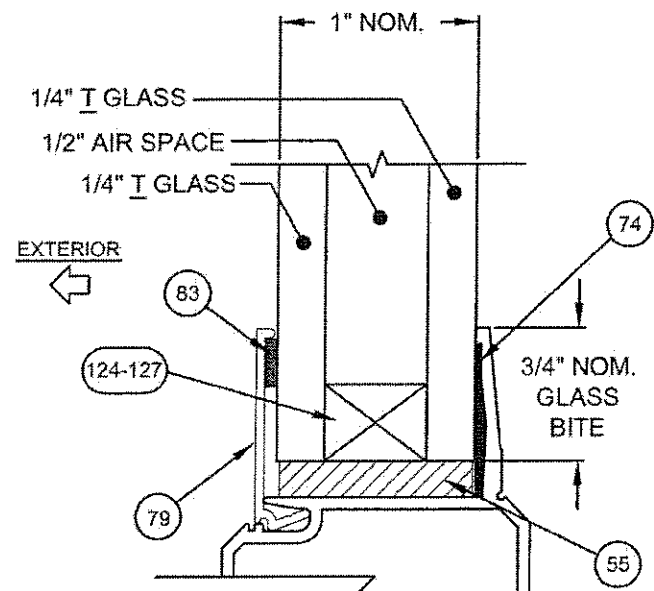
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Revsd By:	Date:	Revisions:			Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	Date:	Checked By:	Date:		SGD-670	NTS	4 of 22	PGT0128	B
JR	02/20/14								



GLAZING DETAILS (G2 & G2A)



1" I.G. GLASS, TYPE G2



1" I.G. GLASS, TYPE G2A

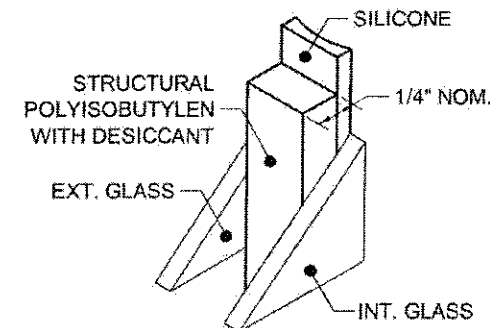
GLAZING NOTES:
"T" = TEMPERED

Revised By:	Date:	Revisions:	ADDED SPACERS.
JR	05/05/16	B	
Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600 CERT. OF AUTH. #29296
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JR	02/20/14		

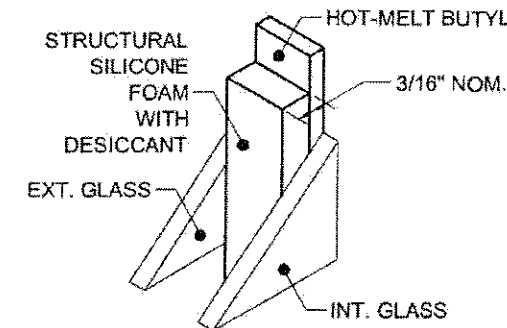
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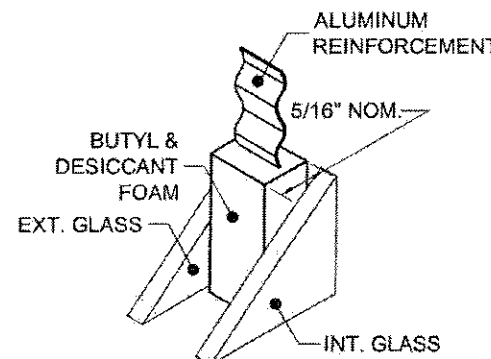
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Series/Model:	Scale:	Sheet:	Drawing No.	Rev.
SGD-670	NTS	5 of 22	PGT0128	B



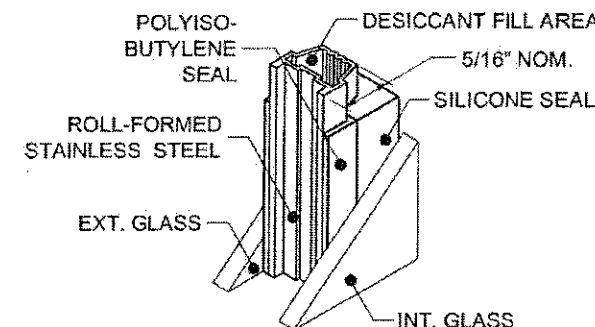
124 KODISPACE
4SG TPS



125 SUPER
SPACER[®] NXT[™]



126 DURASEAL[®]
SPACER



127 XL EDGE[™]
SPACER

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

REFERENCE TEST REPORTS: FTL-8717, 8968 & 8970

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 16-0629-03
Expiration Date 4/7/20
By: [Signature]
M. Lynn Miller, P.E.
Product Control

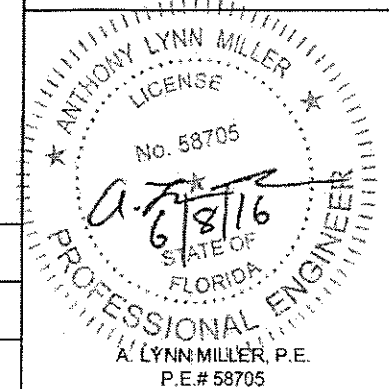


TABLE 1:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)																			
For corner astragal anchorage on 90° or 135° corner units, see sheet 11																			
Table applies to all Glass types and the Stile/Astragal types shown below. Positive (+) DP may be limited by Table 1A.			Door Unit Height																
			80"				84"				90"				96"				
			69-7/8" DLO				73-7/8" DLO				79-7/8" DLO				85-7/8" DLO				
			Anchor Group				Anchor Group				Anchor Group				Anchor Group				
			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 / -127.1				+90.0 / -120				+90.0 / -110.8				+90.0 / -102.9			
			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	
			Jamb	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	
	30"	23" DLO	Design Pressure	+90.0 / -106.3				+90.0 / -100.2				+90.0 / -92.2				+85.3 / -85.3			
			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	
			Jamb	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	
	36"	29" DLO	Design Pressure	+90.0 / -92.9				+87.3 / -87.3				+80.0 / -80				+73.8 / -73.8			
			Head/Sill	C4+1	C4+1	C4+2	C4+2	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	
			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	
	42"	35" DLO	Design Pressure	+83.7 / -83.7				+78.4 / -78.4				+71.6 / -71.6				+65.8 / -65.8			
			Head/Sill	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+1	C4+1	C4+2	C4+2	C4+1	C4+1	C4+2	C4+1	
			Jamb	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	
	48"	41" DLO	Design Pressure	+77.1 / -77.1				+72.0 / -72				+65.5 / -65.5				+60.0 / -60			
			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+1	
			Jamb	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	
	54"	47" DLO	Design Pressure	+72.5 / -72.5				+67.4 / -67.4				+61.0 / -61				+54.7 / -54.7			
			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+1	
			Jamb	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	
	60"	53" DLO	Design Pressure	+69.1 / -69.1				+64.0 / -64				+57.6 / -57.6				+50.6 / -50.6			
			Head/Sill	C4+2	C4+2	C4+3	C4+3	C4+2	C4+2	C4+3	C4+3	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+1	
			Jamb	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	

FOR EXAMPLE ON USING TABLE, SEE SHEET 7.

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 1, SEE SHEETS 21 & 22 FOR PART DIMENSIONS AND SHEETS 18 & 19 FOR ASSEMBLY DETAILS.

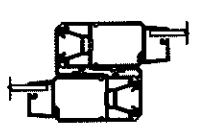
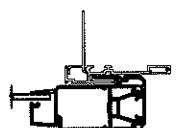
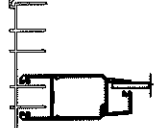
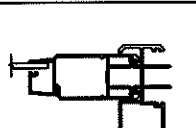
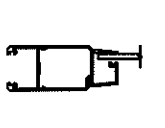
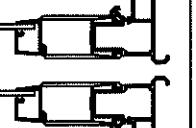
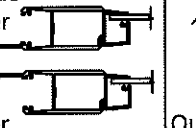
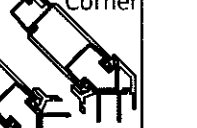
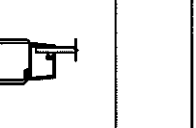
Interlock	P-hook	Lockstile @ Jamb	Straight Astragal Assembly	Lockstile @ Straight Astragal	90° Astragal Assembly	Lockstile @ 90° Astragal	135° Astragal Assembly	Lockstile @ 135° Astragal
Standard Stiles	Standard Stile	Standard Stile	Standard Stile	Standard Stile	Heavy-duty Stile	Heavy-duty Stile	Heavy-duty 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

TABLE 1A:

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

SEE NOTES 1-3

NOTES:

1) POSITIVE PRESSURES IN TABLE 1 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 1A.

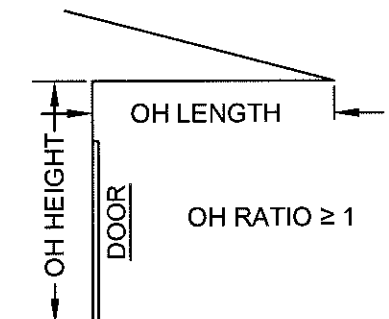
3) 4", 3-1/4" AND 2-1/2" SILL HEIGHTS ARE TESTED FOR WATER INFILTRATION WHEREAS THE 1-1/2" SILL IS NOT AND MUST ONLY BE USED WHERE WATER RESISTANCE IS NOT REQUIRED. MAX. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 1 MAY BE USED WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA 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.

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



SEE NOTE 3

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-0629.03
Expiration Date 4/7/20
Anthony L. Miller
Professional Engineer

ANTHONY LYNN MILLER
LICENSE
No. 58705
6/8/16
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

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

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275

(941)-480-1600

CERT. OF AUTH. #29296

Description:
DP AND ANCHORAGETitle:
SERIES 670 ALUM. SGD - NON-IMPACT

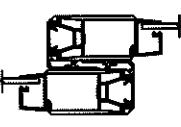
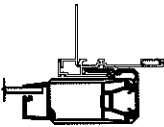
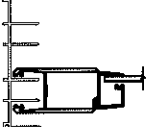
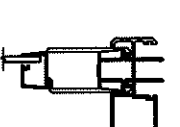
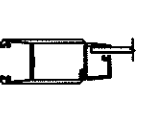
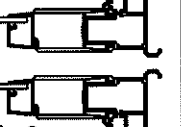
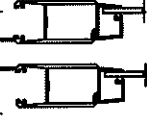
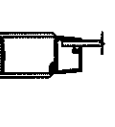
Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SGD-670	NTS	6 of 22	PGT0128	B

TABLE 2:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)																																				
For corner astragal anchorage on 90° or 135° corner units, see sheet 11																																				
Table applies to all Glass types and the Stile/Astragal types shown below. Positive (+) DP may be limited by Table 2A.					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	Design Pressure	+90.0 / -140.0				+90.0 / -133.0				+90.0 / -122.0				+90.0 / -114.0				+90.0 / -106.0				+90.0 / -99.0				+90.0 / -93.0				+88.0 / -88.0				
			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	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	8	8	
			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	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 / -141.8				+90.0 / -133.6				+90.0 / -122.9				+90.0 / -113.8				+90.0 / -105.9				+90.0 / -99.1				+90.0 / -93.1				+87.8 / -87.8				
			Head/Sill	C5+1	C5+1	C5+2	C5+2	C5+1	C5+1	C5+2	C5+2	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	
			Jamb	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	10	8	8	
			P-hook	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8
	36"	29" DLO	Design Pressure	+90.0 / -123.9				+90.0 / -116.4				+90.0 / -106.7				+90.0 / -98.5				+90.0 / -91.4				+85.3 / -85.3				+80.0 / -80.0				+75.3 / -75.3				
			Head/Sill	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+1	C5+1	C5+2	C5+2	C5+1	C5+1	C5+2	C5+2	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	
			Jamb	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	10	8	8	
			P-hook	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8
	42"	35" DLO	Design Pressure	+90.0 / -111.6				+90.0 / -104.5				+90.0 / -95.4				+87.8 / -87.8				+81.3 / -81.3				+75.7 / -75.7				+70.8 / -70.8				+66.5 / -66.5				
			Head/Sill	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	C5+2	C5+2	C5+1	C5+1	C5+2	C5+2	C5+1	C5+1	C5+2	C5+2	C5+1	C5+1	C5+2	C5+2		
			Jamb	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	10	8	8	
			P-hook	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8
	48"	41" DLO	Design Pressure	+90.0 / -102.9				+90.0 / -96.0				+87.3 / -87.3				+80.0 / -80.0				+73.8 / -73.8				+68.6 / -68.6				+64.0 / -64.0				+60.0 / -60.0				
			Head/Sill	C5+2	C5+2	C5+3	C5+3	C5+2	C5+2	C5+3	C5+3	C5+2	C5+2	C5+3	C5+3	C5+2	C5+2	C5+3	C5+3	C5+2	C5+2	C5+3	C5+3	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	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	10	8	8	
			P-hook	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8	8+9	8+9	8+9	7+8
	54"	47" DLO	Design Pressure	+83.0 / -83.0				+77.2 / -77.2				+69.8 / -69.8				+63.8 / -63.8				Not available in these sizes																
			Head/Sill	C4+2	C4+2	C5+3	C5+3	C4+2	C4+2	C5+2	C5+2	C4+2	C4+2	C5+2	C5+2	C4+2	C4+2	C5+2	C5+2																	
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8																	
			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																	
60"	53" DLO	Design Pressure	+79.2 / -79.2				+73.3 / -73.3				+66.0 / -66.0				+60.0 / -60.0				Not available in these sizes																	
		Head/Sill	C4+3	C4+3	C5+3	C5+3	C4+3	C4+3	C5+3	C5+3	C4+2	C4+2	C5+3	C5+3	C4+2	C4+2	C5+2	C5+2																		
		Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8																		
		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																		

○ = EXAMPLE ON SHEET 9

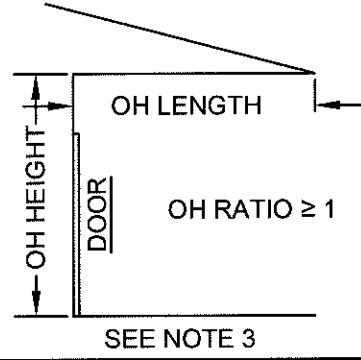
THE FOLLOWING STILE & ASTRAGAL TYPES SHALL BE USED FOR TABLE 2, SEE SHEETS 21 & 22 FOR PART DIMENSIONS AND SHEETS 18 & 19 FOR ASSEMBLY DETAILS.

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

NOTES:

- 1) POSITIVE PRESSURES IN TABLE 2 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 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.

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



Revised By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 CERT. OF AUTH. #29296	PGT	Description: DP AND ANCHORAGE
Revised By:	Date:	Revisions:				Title: SERIES 670 ALUM. SGD - NON-IMPACT
Revised By:	Date:	Revisions:				Series/Model: SGD-670
Revised By:	Date:	Revisions:				Scale: NTS
Revised By:	Date:	Revisions:				Sheet:

TABLE 3:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)																			
For corner astragal anchorage on 90° or 135° corner units, see sheet 11																			
Table applies to all Glass types and the Stile/Astragal types shown below. Positive (+) DP may be limited by Table 3A.			Door Unit Height																
			80"				84"				90"				96"				
			69-7/8" DLO				73-7/8" DLO				79-7/8" DLO				85-7/8" DLO				
			Anchor Type				Anchor Type				Anchor Type				Anchor Type				
			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 / -140.0				+90.0 / -133.0				+90.0 / -122.0				+90.0 / -114.0			
			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
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			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
	30"	23" DLO	Design Pressure	+90.0 / -159.5				+90.0 / -150.3				+90.0 / -138.2				+90.0 / -128			
			Head/Sill	C5+2	C5+2	C6+2	C6+2	C5+2	C5+2	C6+2	C6+2	C5+1	C5+1	C6+2	C6+2	C5+1	C5+1	C6+2	C6+2
			Jamb	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8
			P-hook	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10
	36"	29" DLO	Design Pressure	+90.0 / -139.4				+90.0 / -130.9				+90.0 / -120				+90.0 / -110.8			
			Head/Sill	C5+2	C5+2	C6+2	C6+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	10	8	8	8	10	8	8	8	10	8	8	8	10	8
			P-hook	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10
	42"	35" DLO	Design Pressure	+90.0 / -125.5				+90.0 / -117.6				+90.0 / -107.3				+90.0 / -98.7			
			Head/Sill	C5+2	C5+2	C6+2	C6+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	10	8	8	8	10	8	8	8	10	8	8	8	10	8
			P-hook	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10
	48"	41" DLO	Design Pressure	+90.0 / -115.7				+90.0 / -108				+90.0 / -98.2				+90.0 / -90			
			Head/Sill	C5+3	C5+3	C6+3	C6+3	C5+2	C5+2	C6+3	C6+3	C5+2	C5+2	C6+2	C6+2	C5+2	C5+2	C6+2	C6+2
			Jamb	8	8	10	8	8	8	10	8	8	8	10	8	8	8	10	8
			P-hook	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10	8+9	9+10	9+10	9+10
	54"	47" DLO	Design Pressure	+83 / -83				+77.2 / -77.2				+69.8 / -69.8				+62.6 / -62.6			
			Head/Sill	C4+2	C4+2	C5+3	C5+3	C4+2	C4+2	C5+2	C5+2	C4+2	C4+2	C5+2	C5+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
			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
	60"	53" DLO	Design Pressure	+79.2 / -79.2				+73.3 / -73.3				+66 / -66				+58 / -58			
			Head/Sill	C4+3	C4+3	C5+3	C5+3	C4+3	C4+3	C5+3	C5+3	C4+2	C4+2	C5+3	C5+3	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
			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

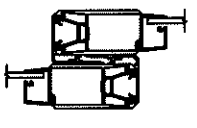
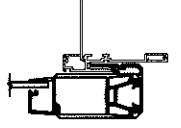
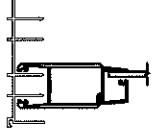
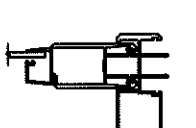
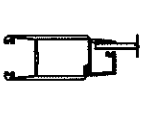
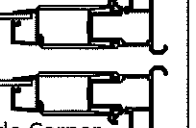
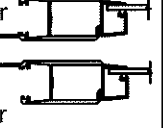
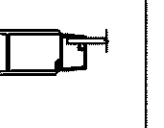
FOR EXAMPLE ON USING TABLE, SEE SHEET 7.

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



Description: DP AND ANCHORAGE			
Title: SERIES 670 ALUM. SGD - NON-IMPACT			
Series/Model: SGD-670	Scale: NTS	Sheet: 8 of 22	Drawing No. PGT0128
Rev: B			

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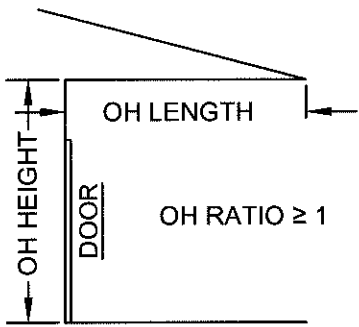
ANTHONY LYNN MILLER
LICENSE
No. 58705
6/8/16
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

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

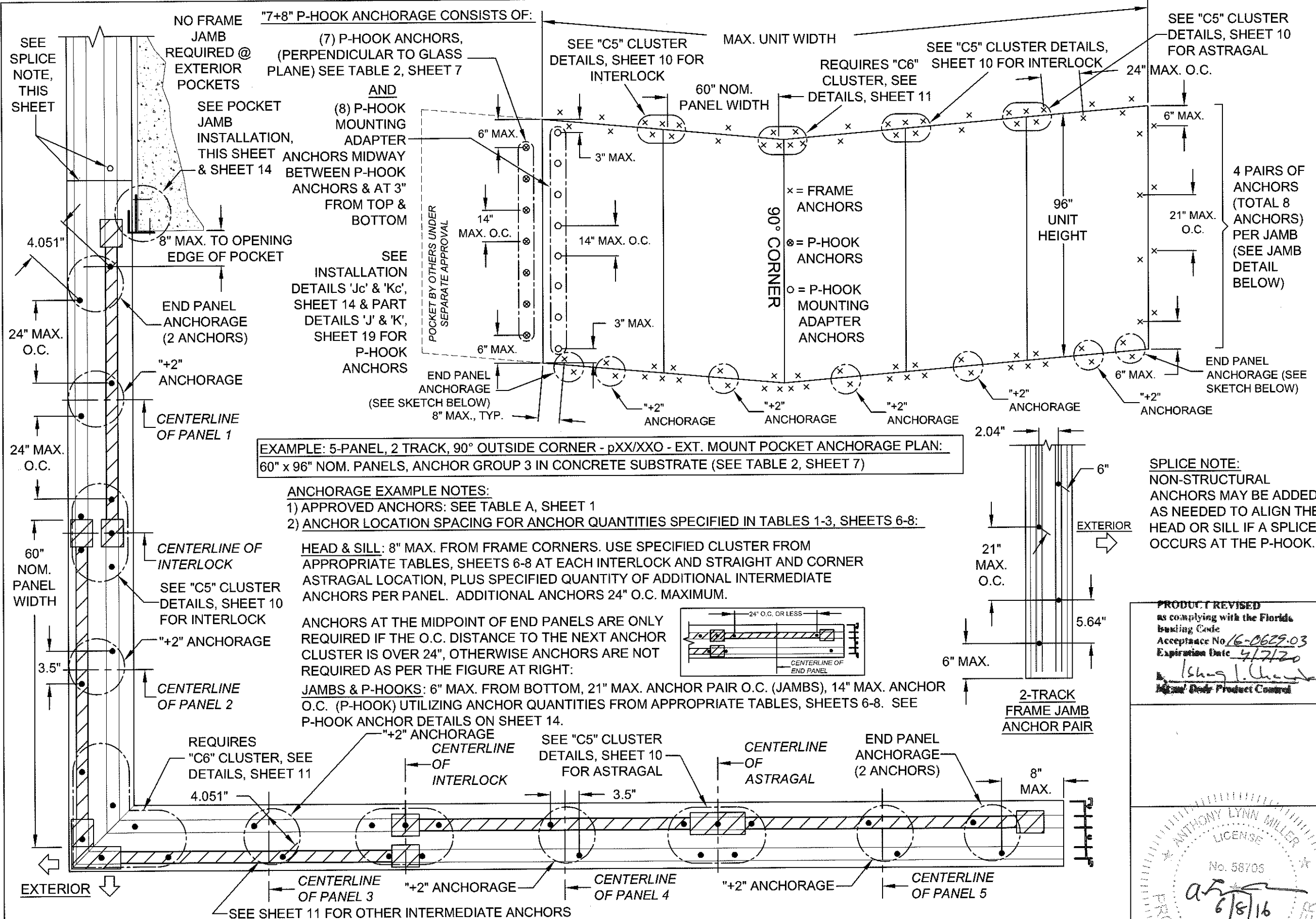
SEE NOTES 1-3



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

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.

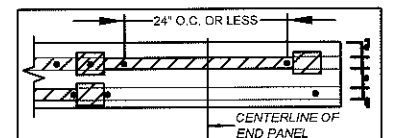


EXAMPLE: 5-PANEL, 2 TRACK, 90° OUTSIDE CORNER - pXX/XXO - EXT. MOUNT POCKET ANCHORAGE PLAN:
 60" x 96" NOM. PANELS, ANCHOR GROUP 3 IN CONCRETE SUBSTRATE (SEE TABLE 2, SHEET 7)

- ANCHORAGE EXAMPLE NOTES:**
- 1) APPROVED ANCHORS: SEE TABLE A, SHEET 1
 - 2) ANCHOR LOCATION SPACING FOR ANCHOR QUANTITIES SPECIFIED IN TABLES 1-3, SHEETS 6-8:

HEAD & SILL: 8" MAX. FROM FRAME CORNERS. USE SPECIFIED CLUSTER FROM APPROPRIATE TABLES, SHEETS 6-8 AT EACH INTERLOCK AND STRAIGHT AND CORNER ASTRAGAL LOCATION, PLUS SPECIFIED QUANTITY OF ADDITIONAL INTERMEDIATE ANCHORS PER PANEL. ADDITIONAL ANCHORS 24" O.C. MAXIMUM.

ANCHORS AT THE MIDPOINT OF END PANELS ARE ONLY REQUIRED IF THE O.C. DISTANCE TO THE NEXT ANCHOR CLUSTER IS OVER 24", OTHERWISE ANCHORS ARE NOT REQUIRED AS PER THE FIGURE AT RIGHT:

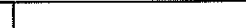


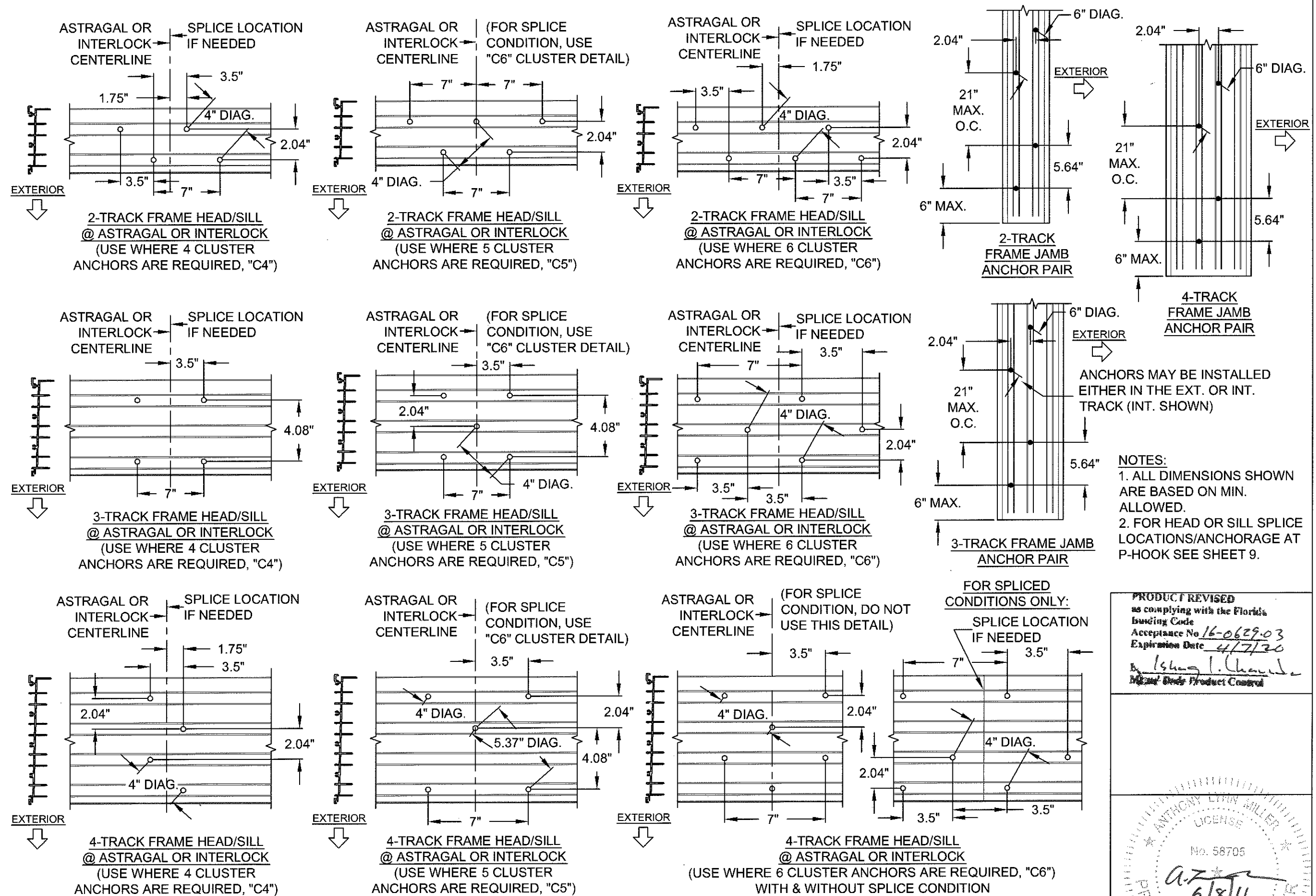
JAMBS & P-HOOKS: 6" MAX. FROM BOTTOM, 21" MAX. ANCHOR PAIR O.C. (JAMBS), 14" MAX. ANCHOR O.C. (P-HOOK) UTILIZING ANCHOR QUANTITIES FROM APPROPRIATE TABLES, SHEETS 6-8. SEE P-HOOK ANCHOR DETAILS ON SHEET 14.

SPLICE NOTE:
 NON-STRUCTURAL ANCHORS MAY BE ADDED AS NEEDED TO ALIGN THE HEAD OR SILL IF A SPLICE OCCURS AT THE P-HOOK.

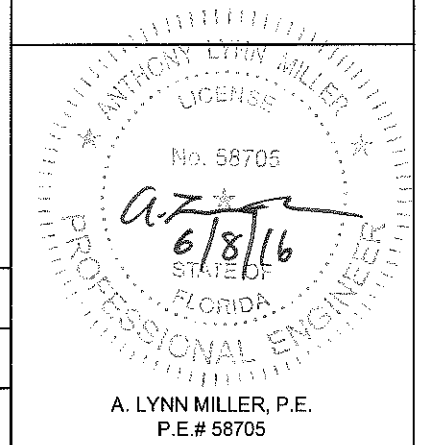
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 No. 58705
 6/8/16
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705

Revsd By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600 CERT. OF AUTH. #29296		Description: ANCHORAGE SPACING & EXAMPLE PLANS							
Revsd By:	Date:	Revisions:				Title: SERIES 670 ALUM. SGD - NON-IMPACT							
Revsd By:	Date:	Revisions:				Series/Model:	Scale:	Sheet:	Drawing No.	Rev:			
						SGD-670	NTS	9 of 22	PGT0128	B			
Drawn By:	Date:	Checked By:	Date:										
JR	02/20/14												

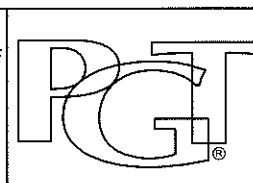


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 Miami Dade Product Control

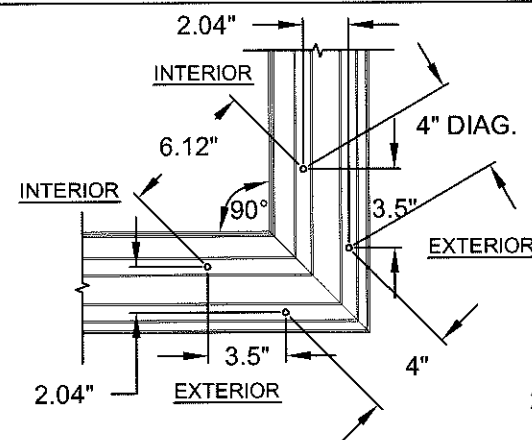


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Drawn By:	Date:	Checked By:
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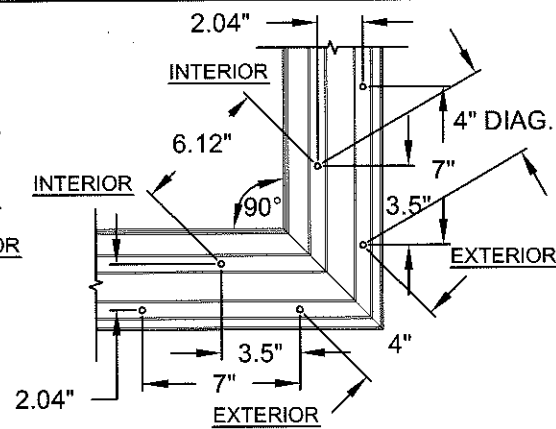
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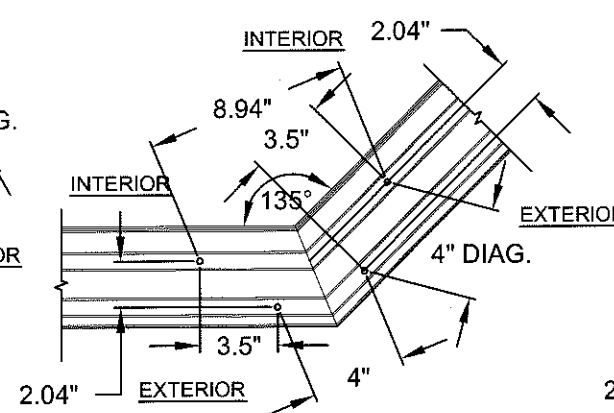
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Title:	SERIES 670 ALUM. SGD - NON-IMPACT		
Series/Model:	SGD-670	Scale:	NTS
Sheet:	10 of 22	Drawing No.	PGT0128
Rev:	B		



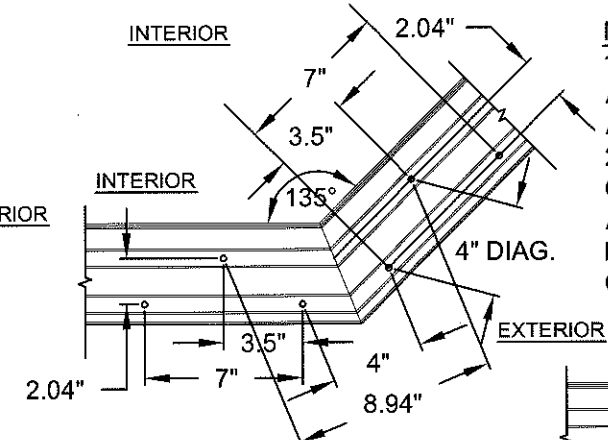
90° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED, "C4")



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

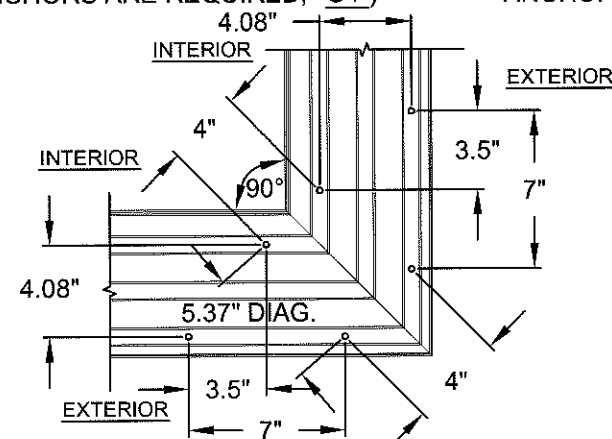


135° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED, "C4")

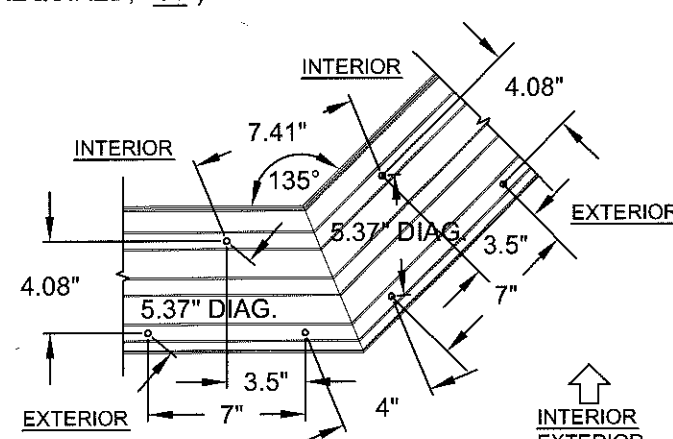


135° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 5 OR 6 CLUSTER
ANCHORS ARE REQUIRED, "C6")

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.

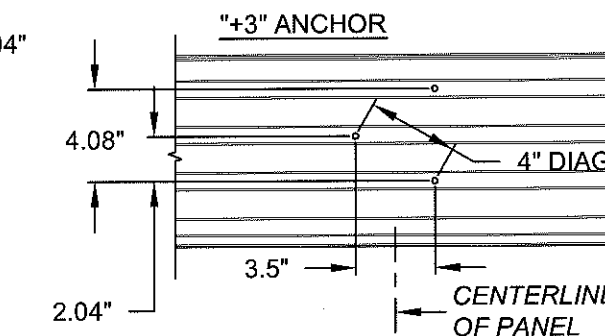
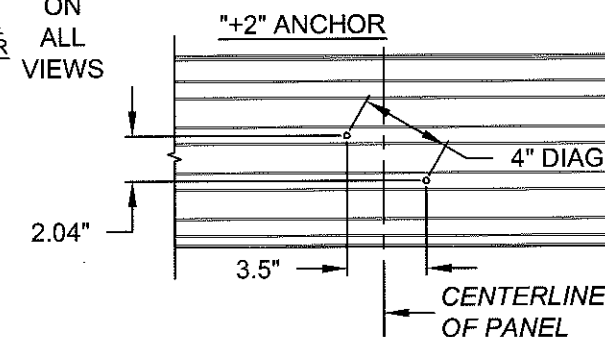
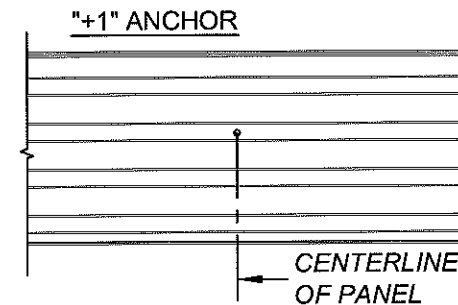


90° CORNER
3-TRACK FRAME HEAD/SILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS)

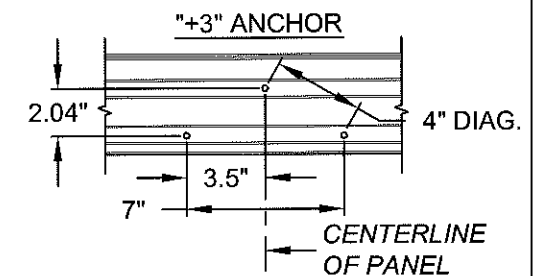
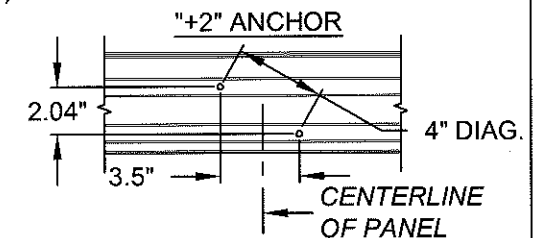


135° CORNER
3-TRACK FRAME HEAD/SILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS)

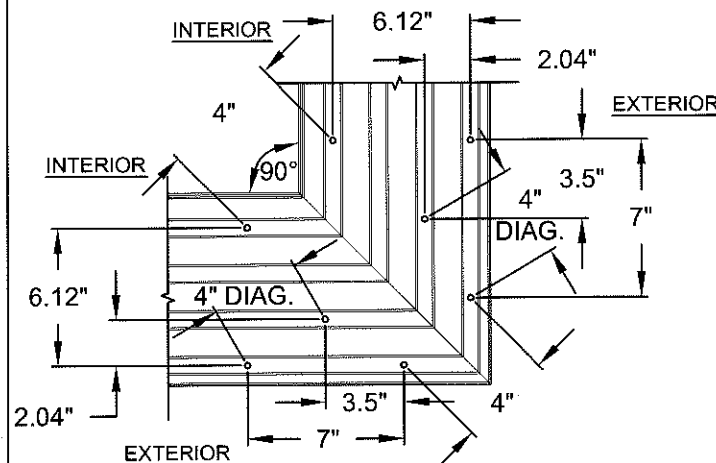
ON
ALL
VIEWS



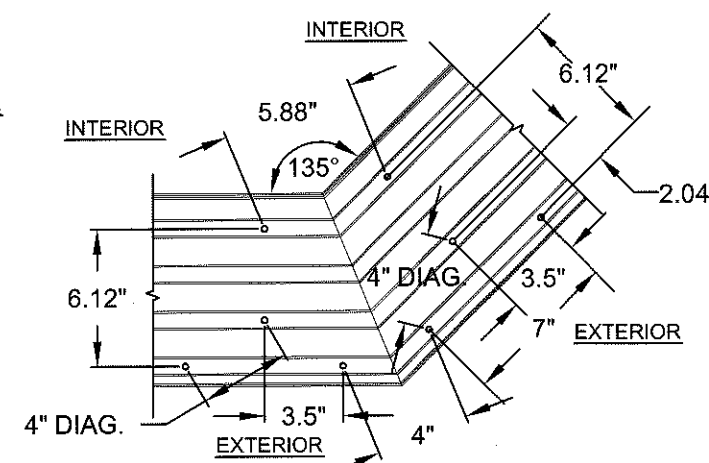
4-TRACK FRAME HEAD/SILL
INTERMEDIATE ANCHOR LAYOUT
(3-TRACK SIMILAR)



2-TRACK FRAME HEAD/SILL
INTERMEDIATE ANCHOR LAYOUT



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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A. Lynn Miller
Major Order Product Control

ANTHONY LYNN MILLER
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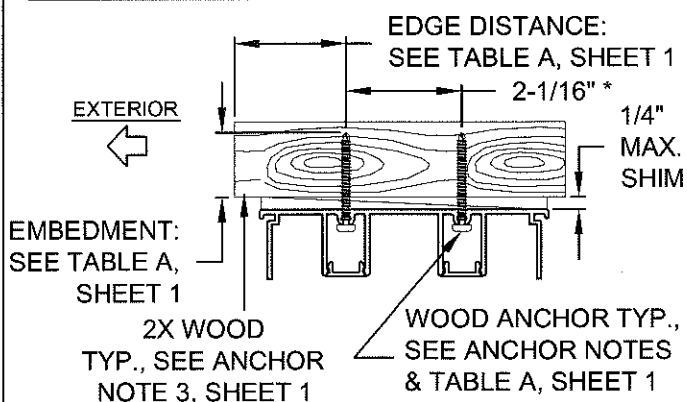
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Revised By:	Date:	Revisions:
Revised By:	Date:	Revisions:
Drawn By:	Date:	Checked By:
JR	02/20/14	

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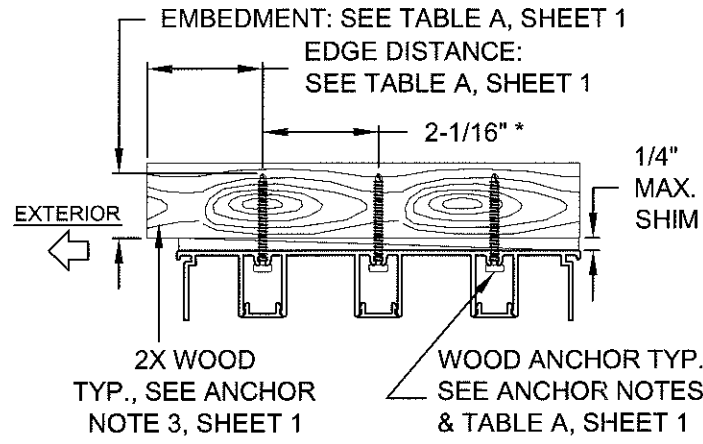


Description:	ANCHORAGE, EXAMPLE CLUSTERS				
Title:	SERIES 670 ALUM. SGD - NON-IMPACT				
Series/Model:	SGD-670	Scale:	NTS	Sheet:	11 of 22
Drawing No.	PGT0128	Rev:	B		

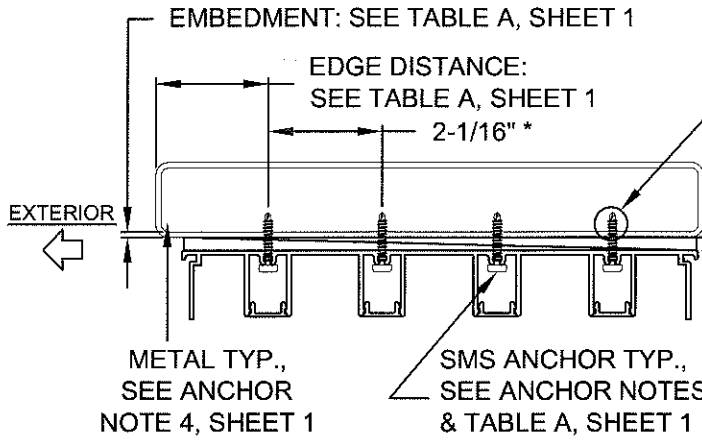
INSTALLATION DETAILS



DET Aw 2-TRACK FRAME HEAD WOOD INSTALLATION



DET Bw 3-TRACK FRAME HEAD WOOD INSTALLATION

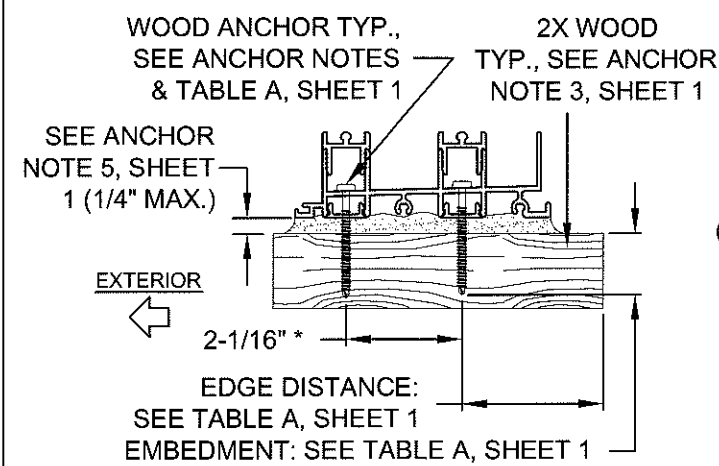


DET Cw 4-TRACK FRAME HEAD METAL INSTALLATION

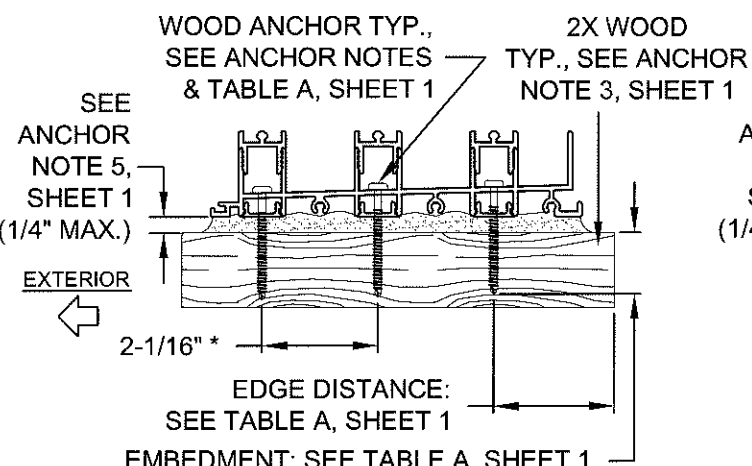
MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE

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.

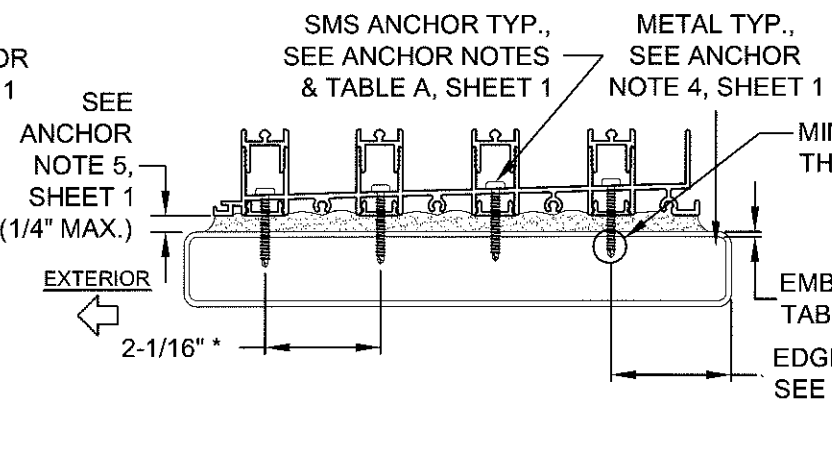
* DIAGONAL O.C. IS MIN 4" (HEAD & SILL) OR 6" (JAMB) SEE DETAILS, SHEETS 10 & 11.



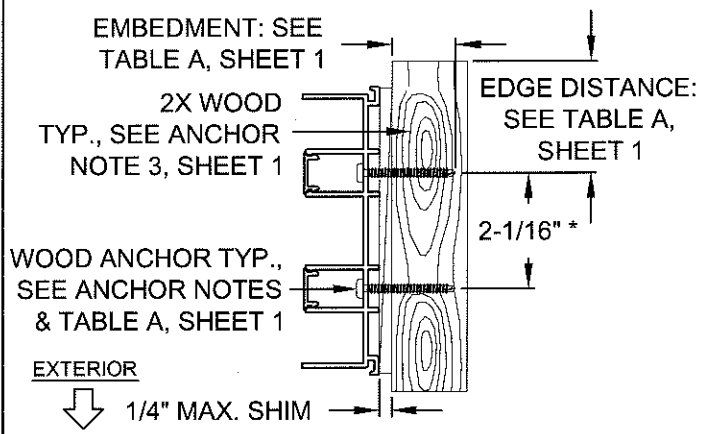
DET Dw 2-TRACK FRAME SILL WOOD INSTALLATION



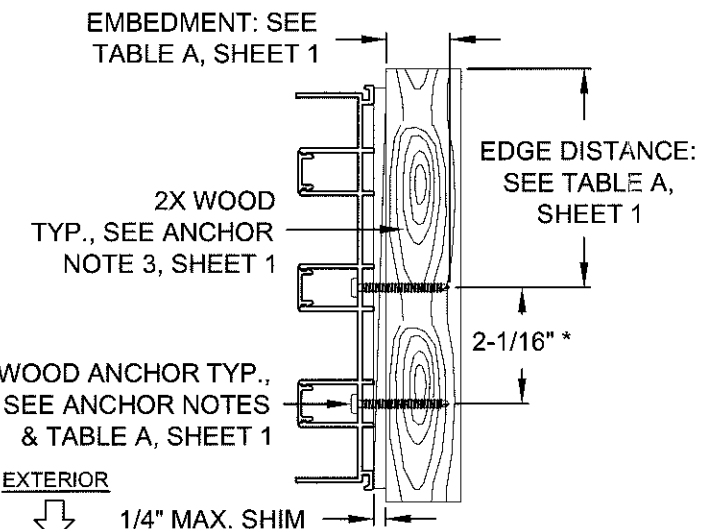
DET Ew 3-TRACK FRAME SILL WOOD INSTALLATION



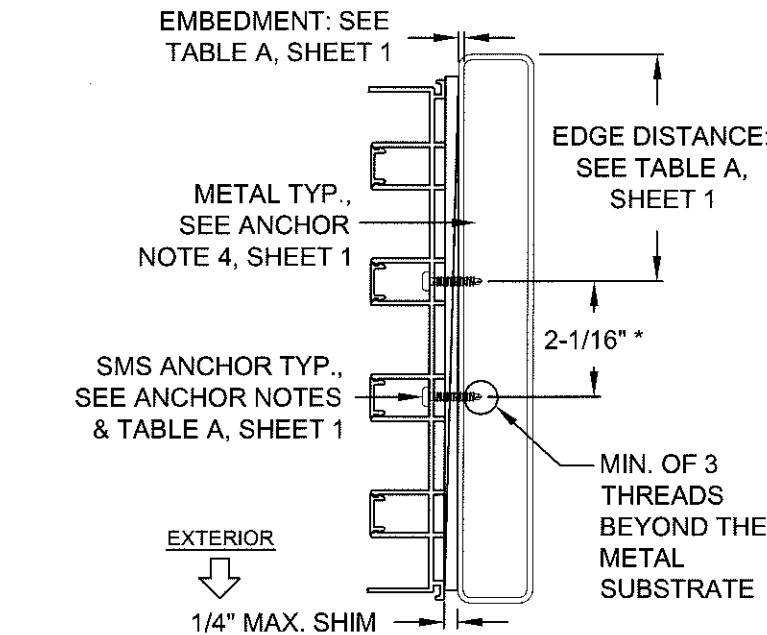
DET Fw 4-TRACK FRAME SILL METAL INSTALLATION



DET Gw 2-TRACK FRAME JAMB WOOD INSTALLATION



DET Hw 3-TRACK FRAME JAMB WOOD INSTALLATION



DET Iw 4-TRACK FRAME JAMB METAL INSTALLATION

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Expiration Date 4/7/20
A. Lynn Miller
Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
6/8/16
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

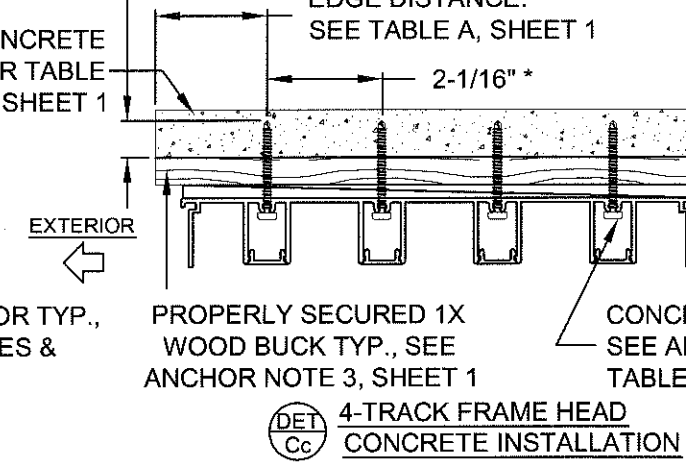
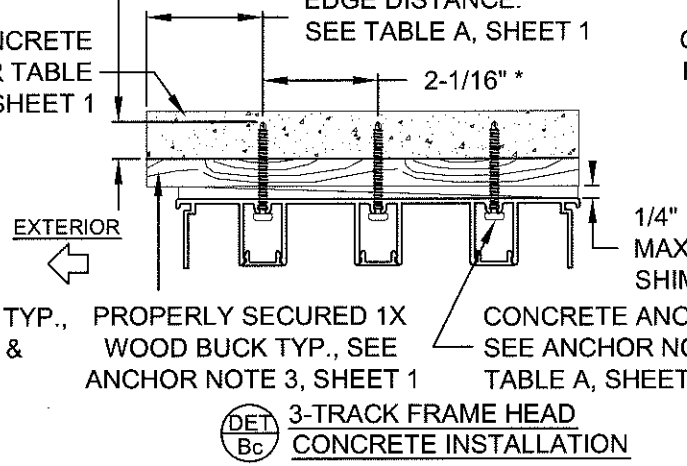
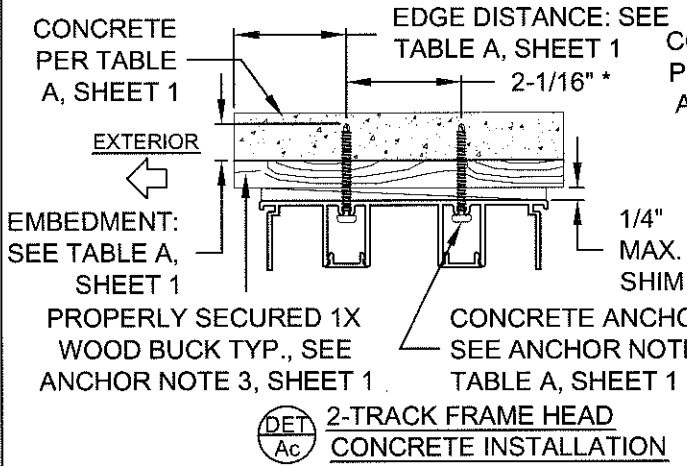
Revsd By:	Date:	Revisions:
Revsd By:	Date:	Revisions:
Revsd By:	Date:	Revisions:
Drawn By:	Date:	Checked By:
JR	02/20/14	

1070 TECHNOLOGY DRIVE
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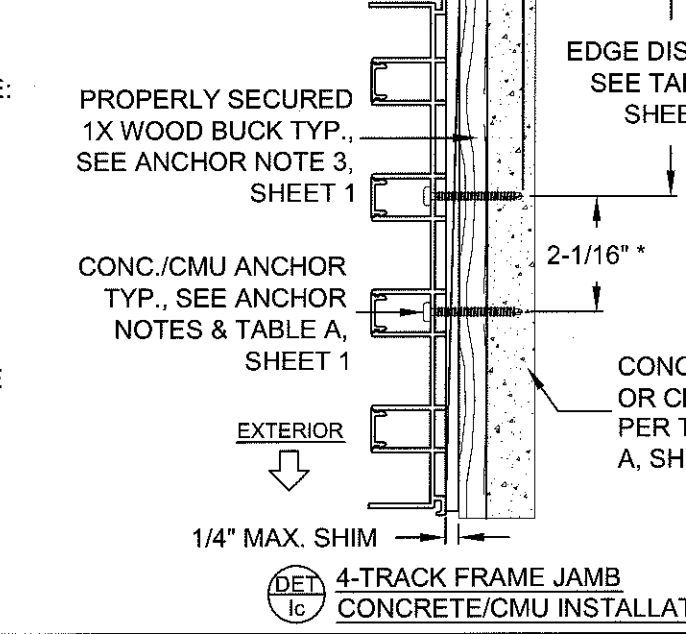
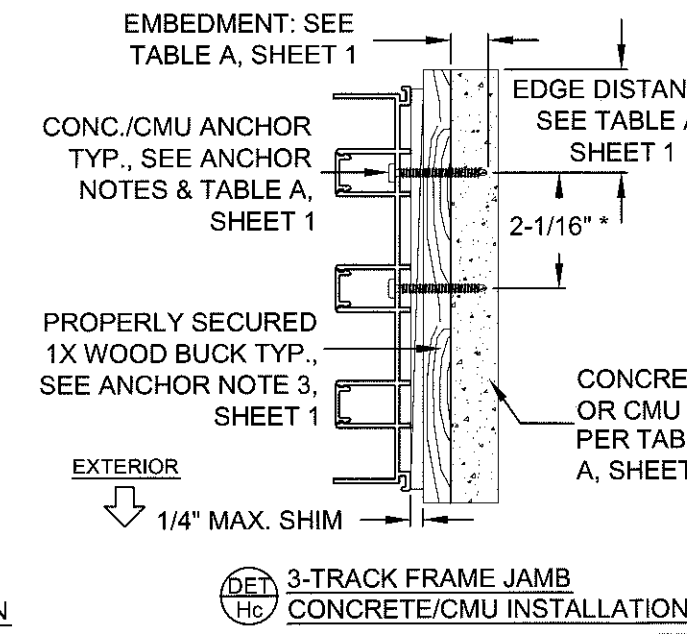
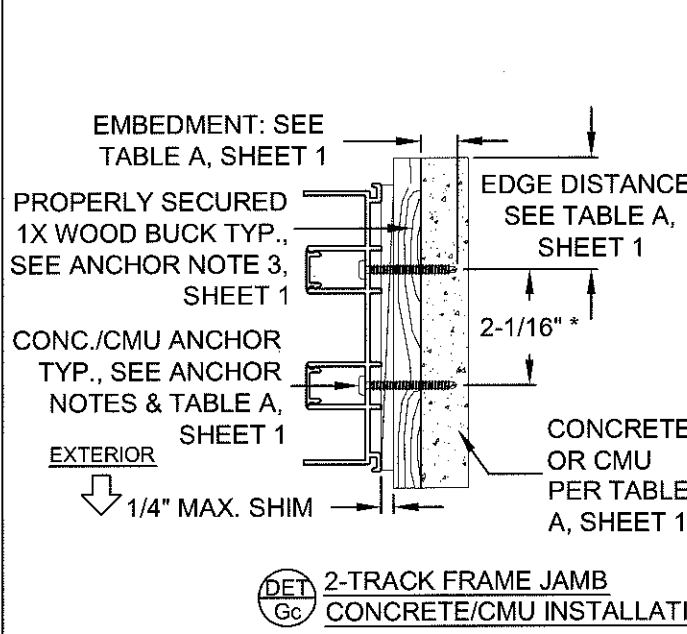
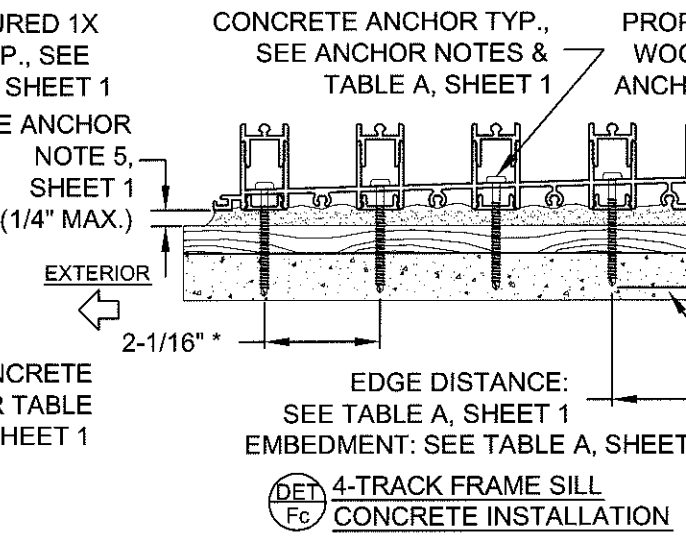
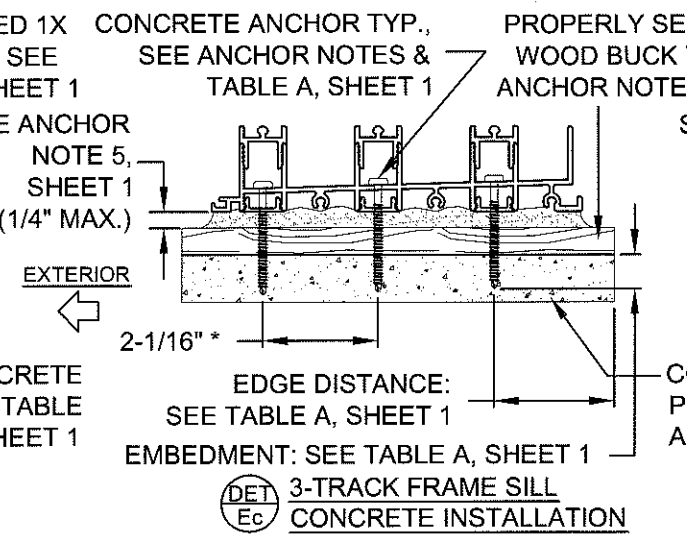
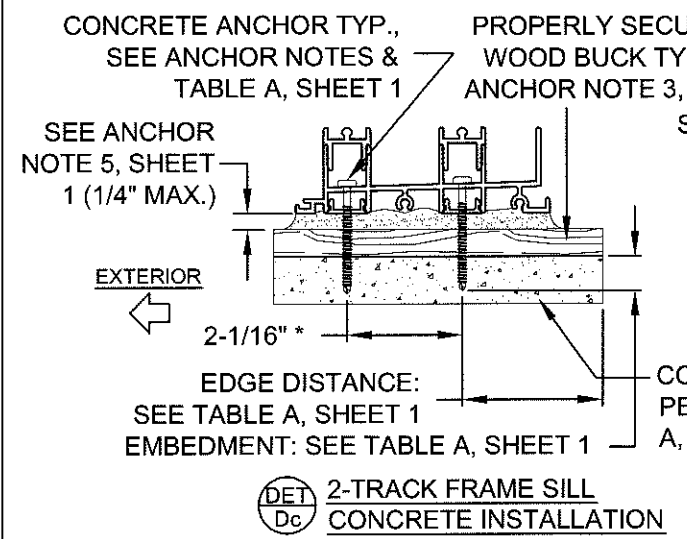


Description:	ANCHORAGE DETAILS			
Title:	SERIES 670 ALUM. SGD - NON-IMPACT			
Series/Model:	SGD-670	Scale:	NTS	Sheet:
				12 of 22
Drawing No.	PGT0128	Rev:	B	

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.

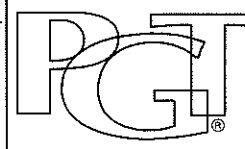


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 16-0629.03
Expiration Date 7/7/20
[Signature]
Manager Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
6/8/16
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

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

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



Description: ANCHORAGE DETAILS			
Title: SERIES 670 ALUM. SGD - NON-IMPACT			
Series/Model: SGD-670	Scale: NTS	Sheet: 13 of 22	Drawing No. PGT0128
Rev: B			

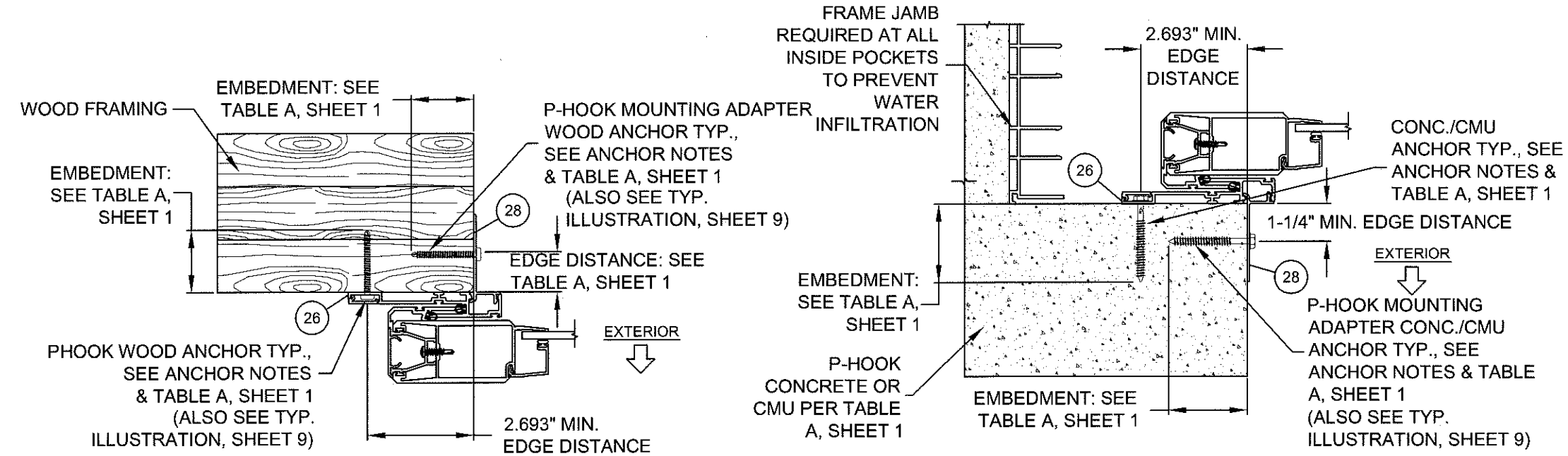
INSTALLATION DETAILS

NOTES:

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

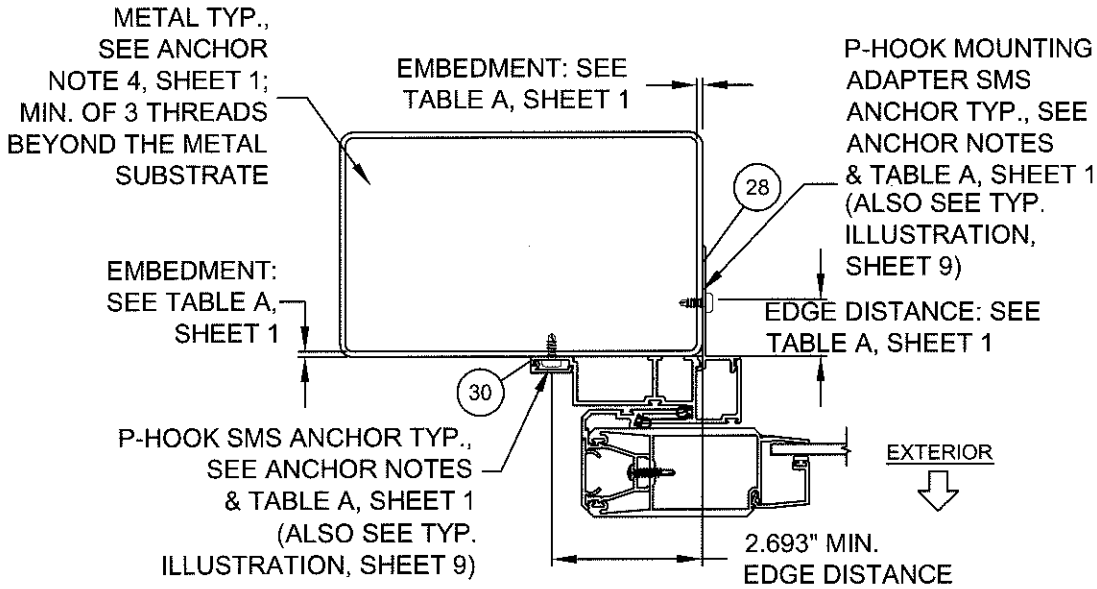
2. FIGURES ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. SEE TABLE A, SHEET 1 FOR ALL APPROVED SUBSTRATES.

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.

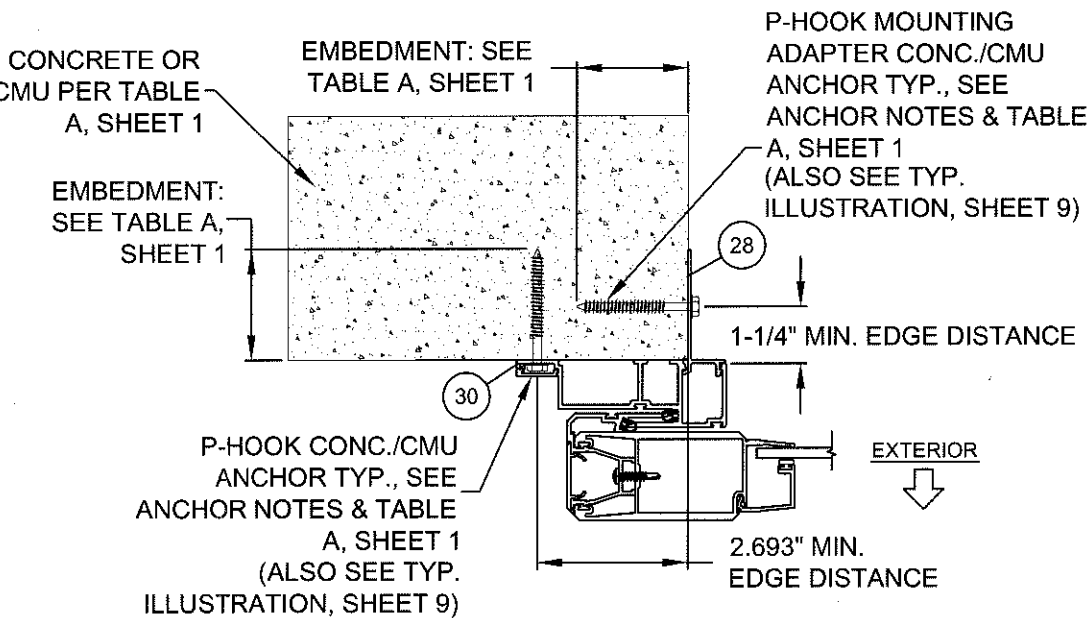


DET Jw P-HOOK FOR USE WITH FLAT SILL RISERS
PARTS #18, #20, #22 OR #24,
WOOD INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS)
EXTERIOR MOUNT SHOWN,
MAY ALSO BE INSTALLED IN
INTERIOR CONDITION

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



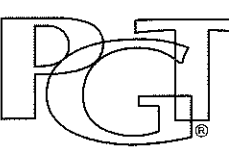
DET Kc P-HOOK FOR USE WITH BOX SILL RISERS
PARTS #19, #21, #23 OR #25,
CONCRETE INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS)
EXTERIOR
MOUNT
ONLY

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Building Code
Acceptance No. 16-0629.03
Expiration Date 4/7/20
[Signature]
Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
6/8/16
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

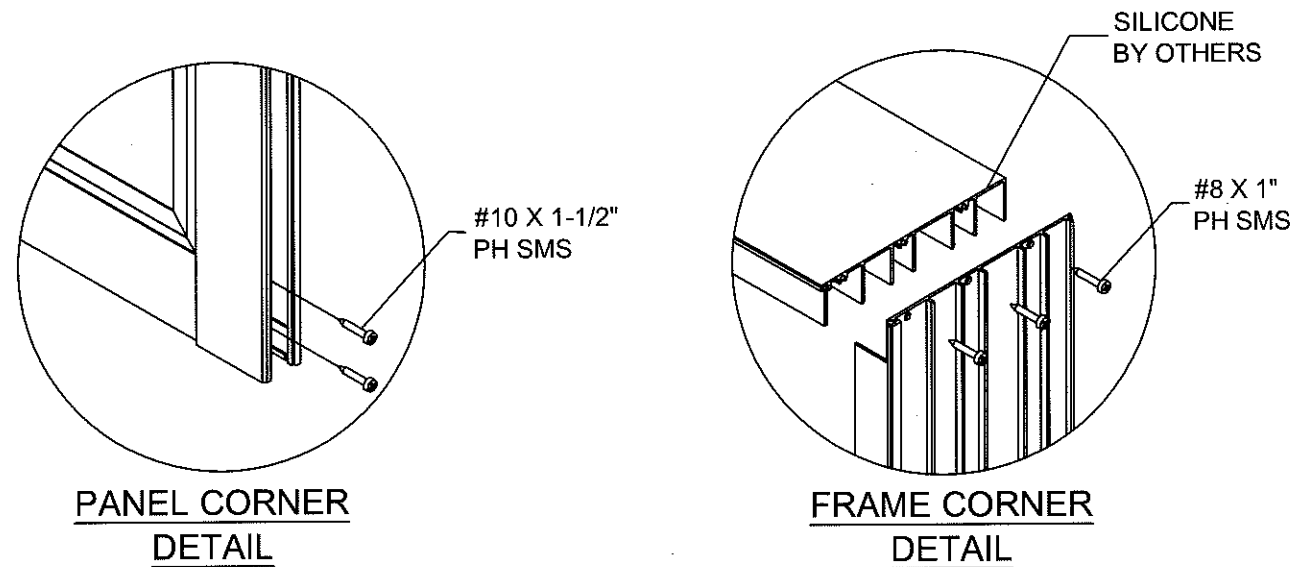
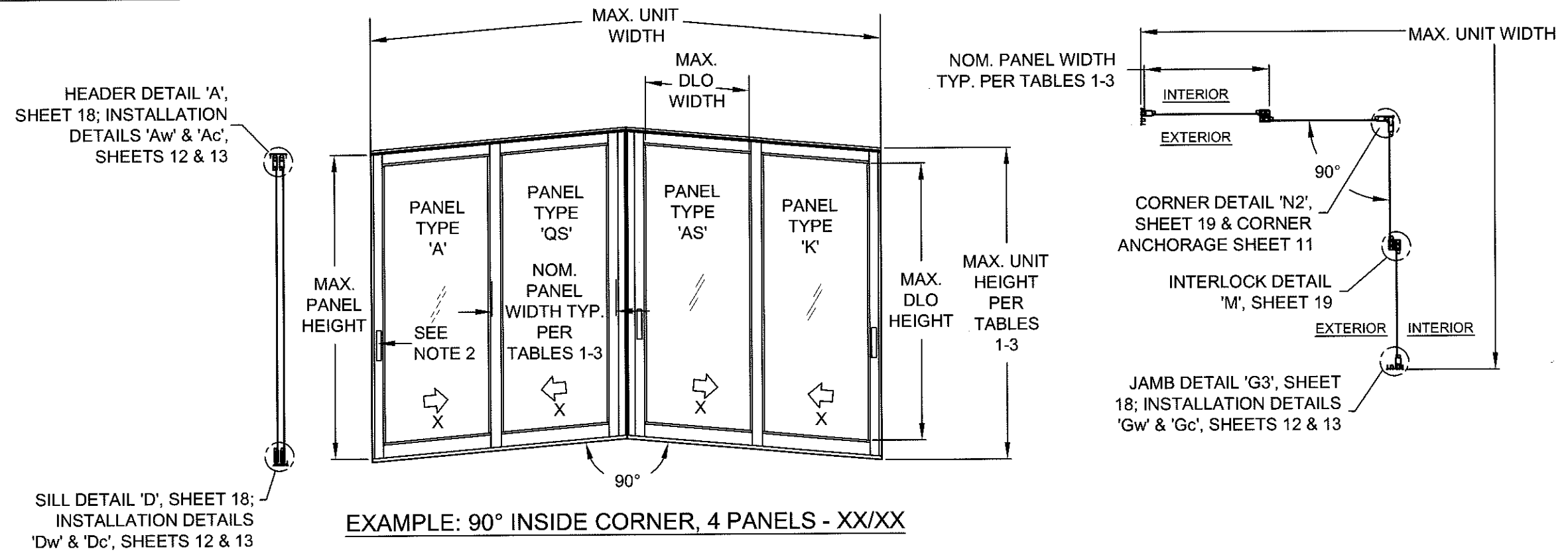
Revsd By:	Date:	Revisions:
Revsd By:	Date:	Revisions:
Revsd By:	Date:	Revisions:
Drawn By:	Date:	Checked By:
JR	02/20/14	

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



Description: ANCHORAGE DETAILS			
Title: SERIES 670 ALUM. SGD - NON-IMPACT			
Series/Model:	Scale:	Sheet:	Drawing No.
SGD-670	NTS	14 of 22	PGT0128
Rev:			B

CONFIG. EXAMPLES

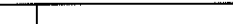


DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = DOOR UNIT HEIGHT - 10.125"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.866"

- 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.

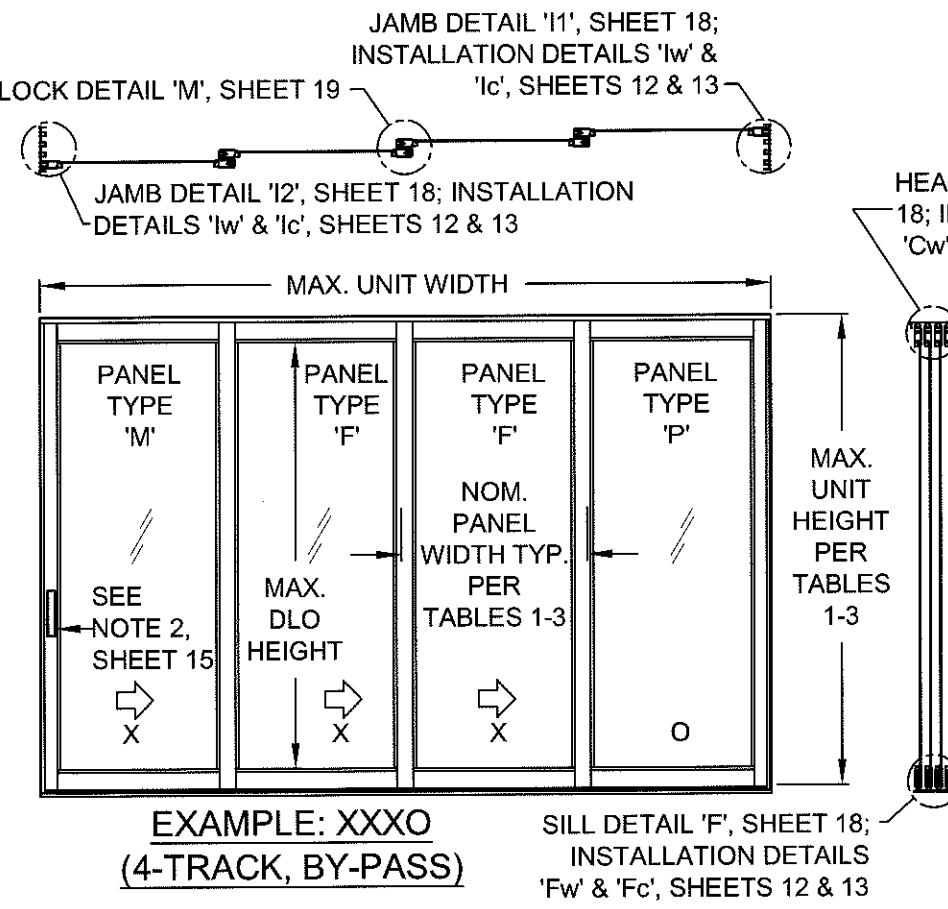
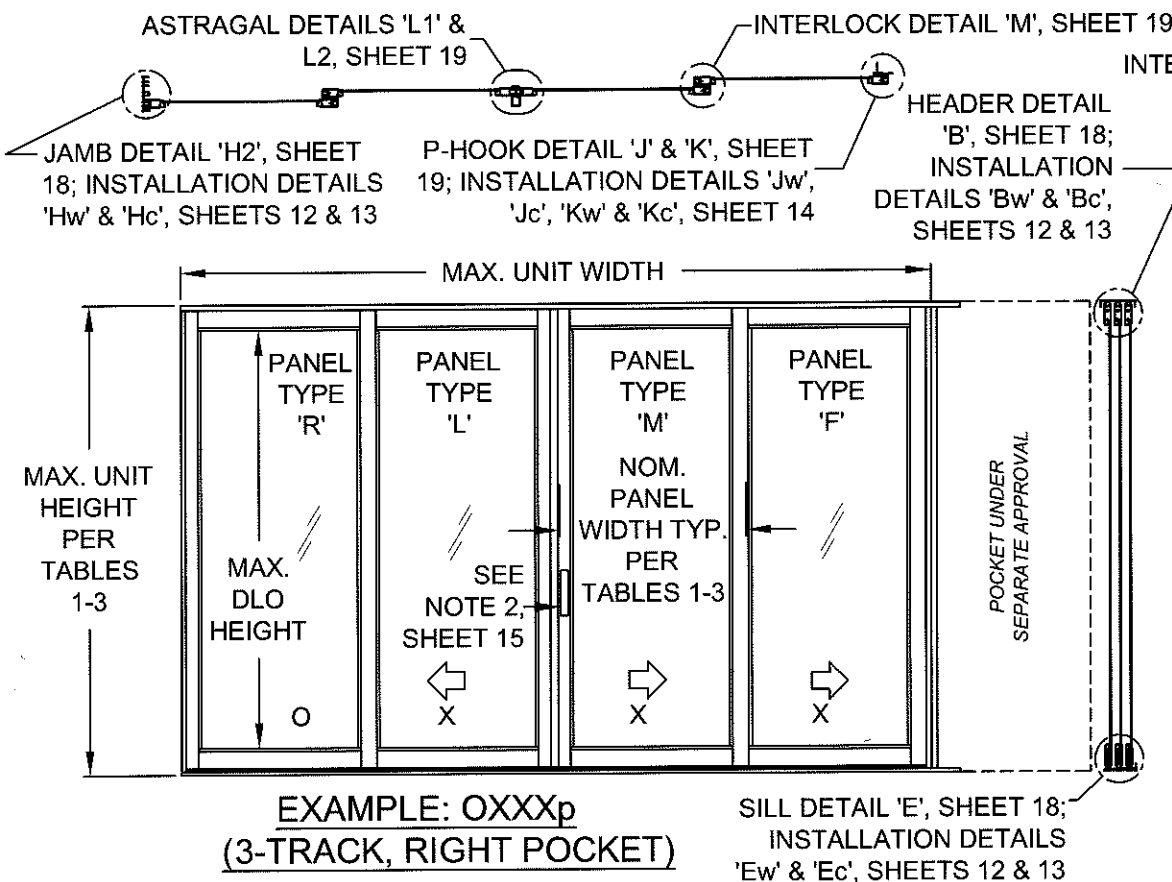
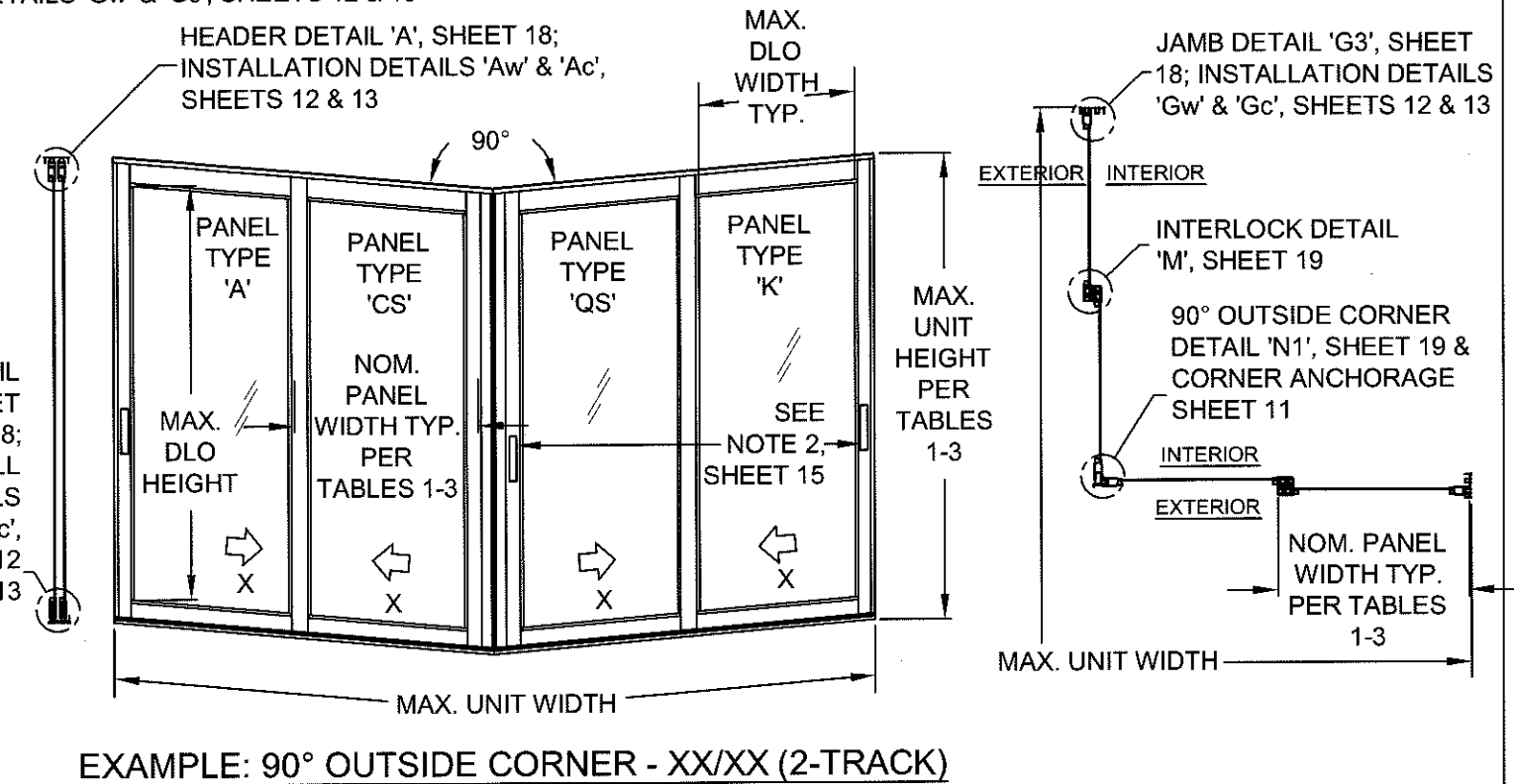
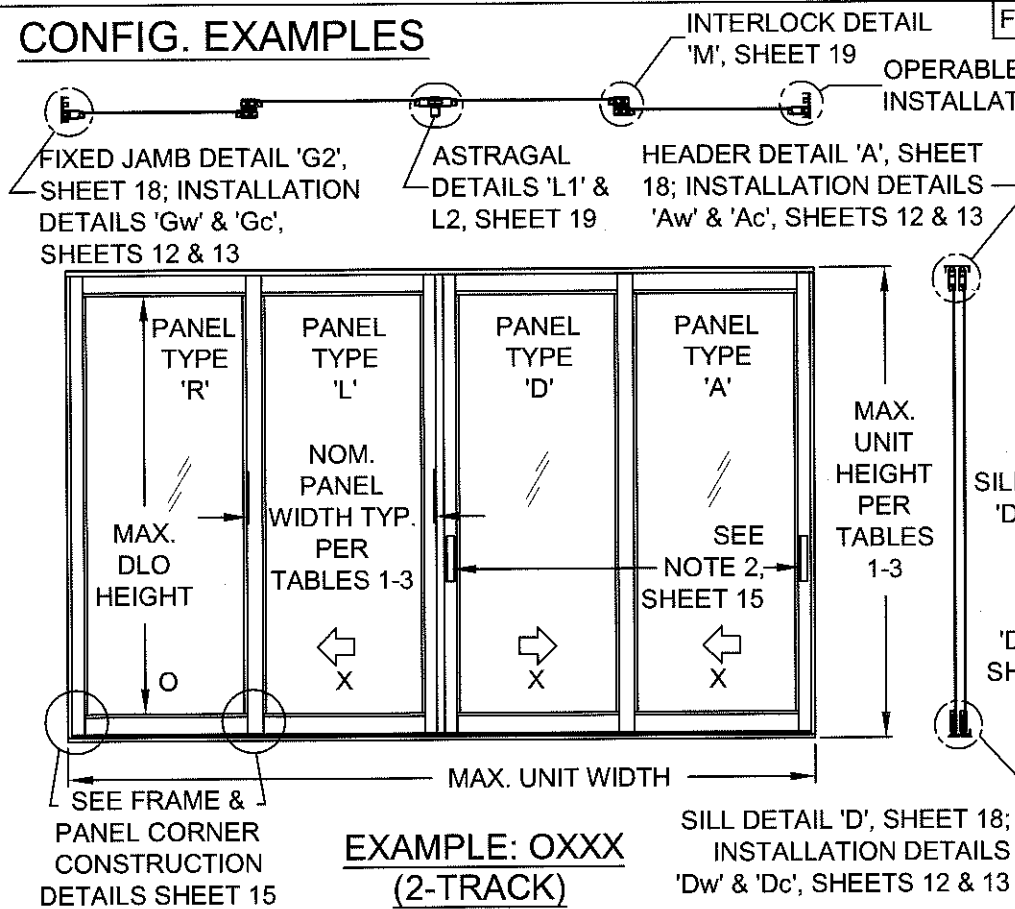
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-0629.03
Expiration Date 4/7/20
A. Lynn Miller
Professional Engineer

ANTHONY LYNN MILLER
LICENSE
No. 58705
6/8/16
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

Revised By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600 CERT. OF AUTH. #29296		Description: ANCHORAGE DETAILS / EXAMPLE ELEVATION				
Revised By:	Date:	Revisions:				Title: SERIES 670 ALUM. SGD - NON-IMPACT				
Revised By:	Date:	Revisions:				Series/Model: SGD-670	Scale: NTS	Sheet: 15 of 22	Drawing No. PGT0128	Rev: B
Drawn By: JR	Date: 02/20/14	Checked By:	Date:							

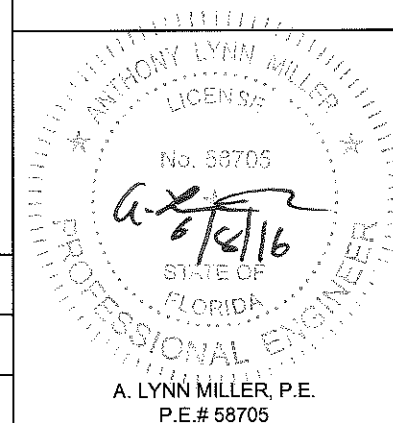
CONFIG. EXAMPLES

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



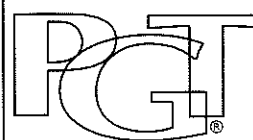
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 16-0629.03
Expiration Date 4/17/20

[Signature]
Manufactured Product Control



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

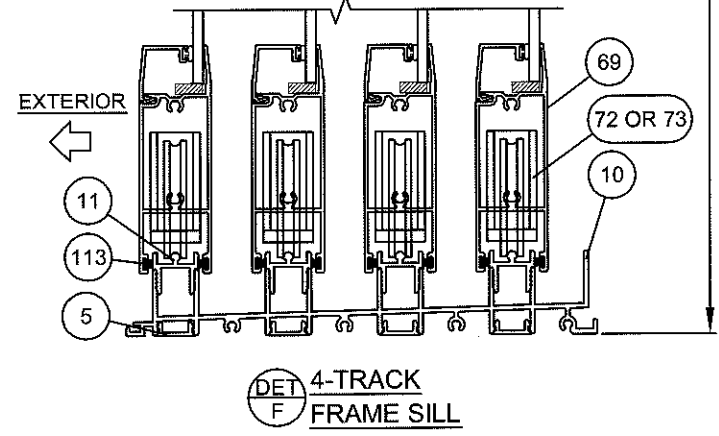
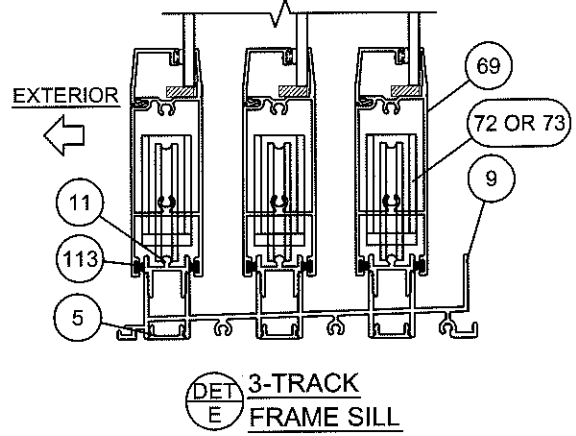
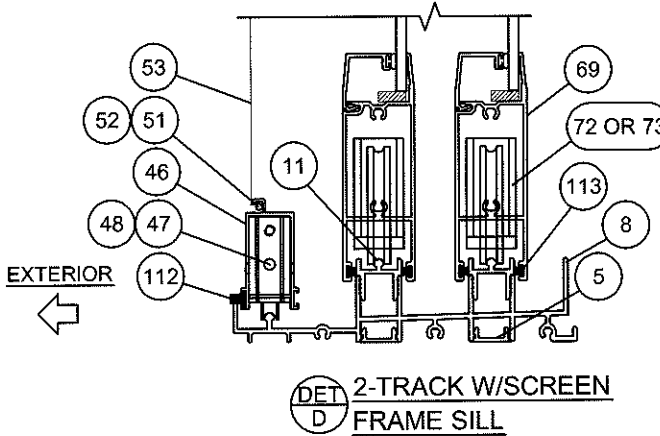
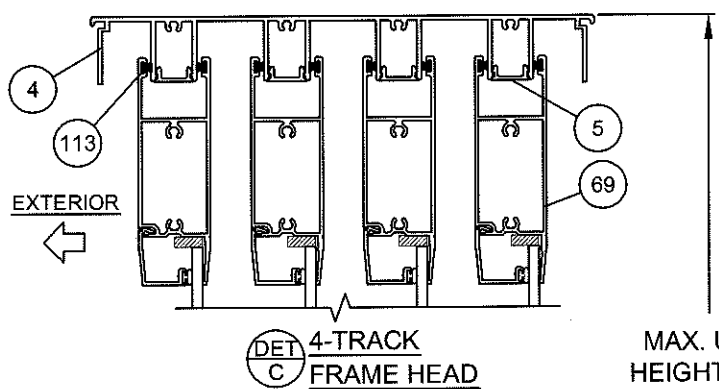
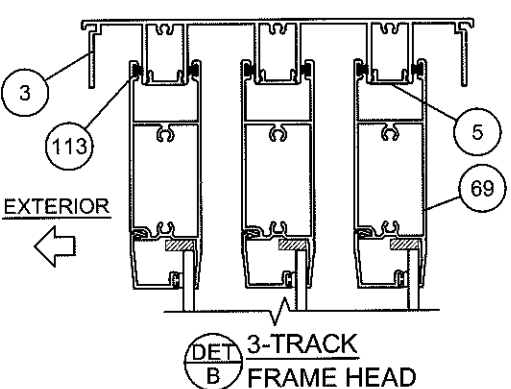
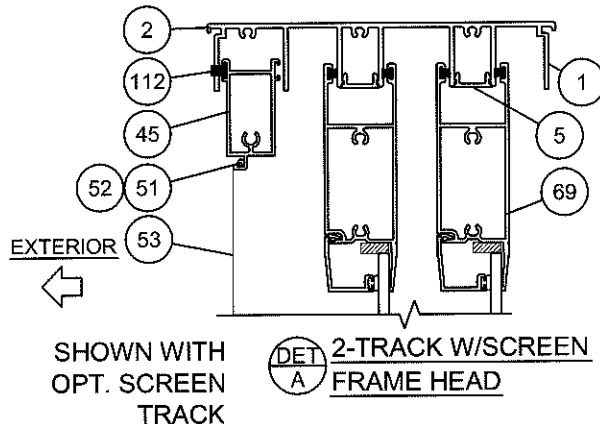
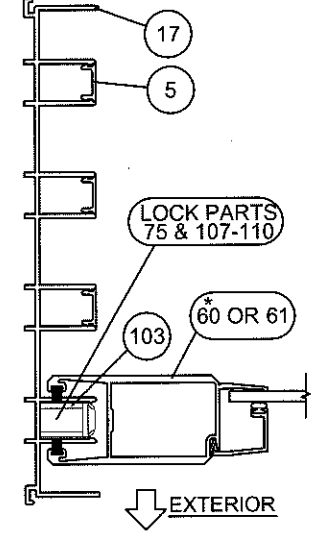
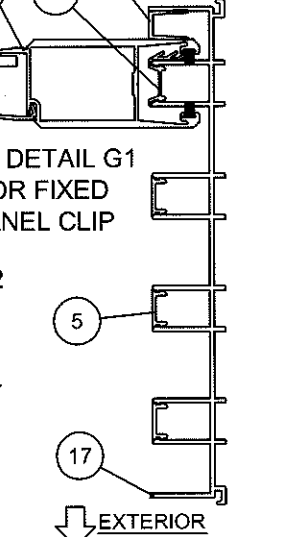
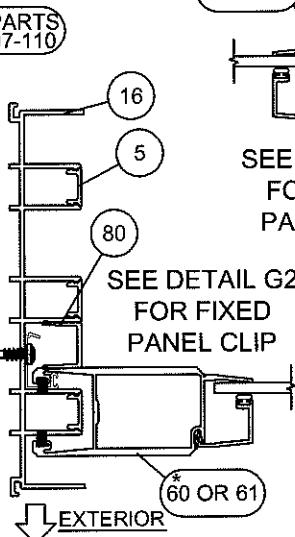
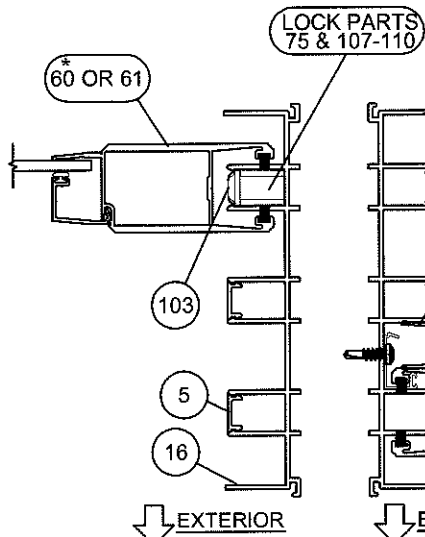
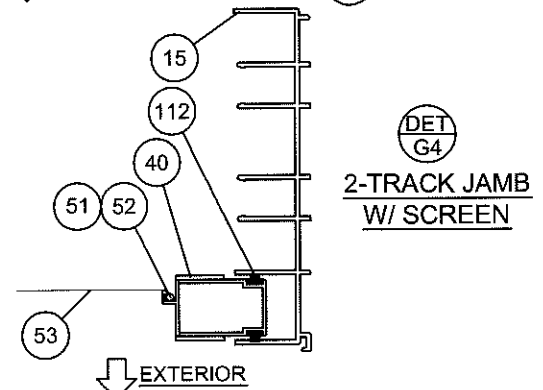
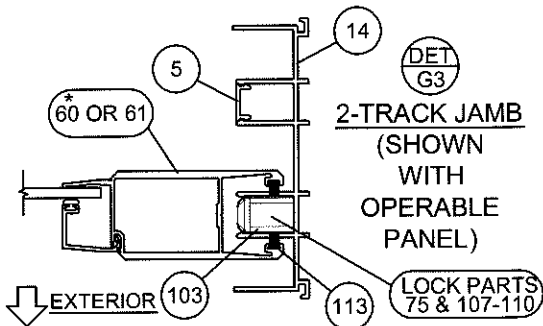
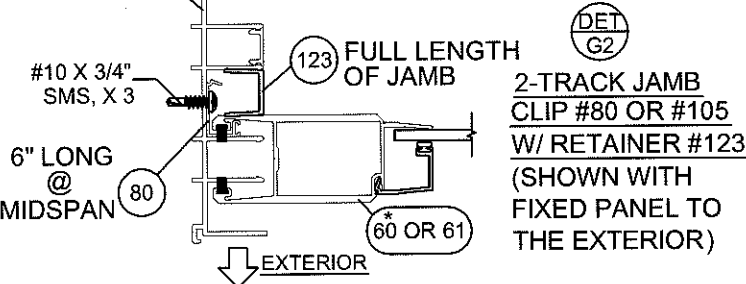
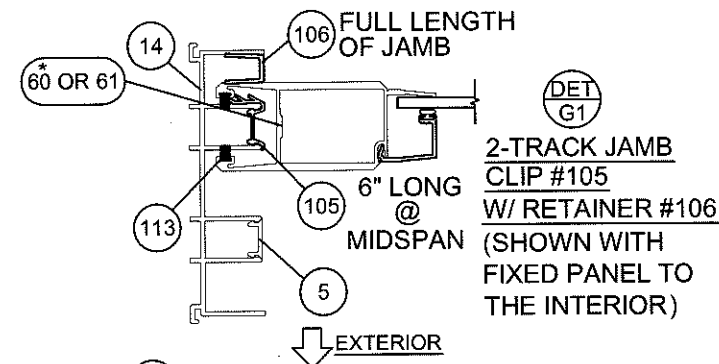
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600
CERT. OF AUTH. #29296



Description:	EXAMPLE ELEVATIONS			
Title:	SERIES 670 ALUM. SGD - NON-IMPACT			
Series/Model:	SGD-670	Scale:	NTS	Sheet:
				16 of 22
Drawing No.	PGT0128	Rev:	B	

ASSEMBLY DETAILS

(SEE SHEETS 12-14 FOR FOR INSTALLATION DETAILS)



MAX. UNIT HEIGHT PER TABLES 1-3

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

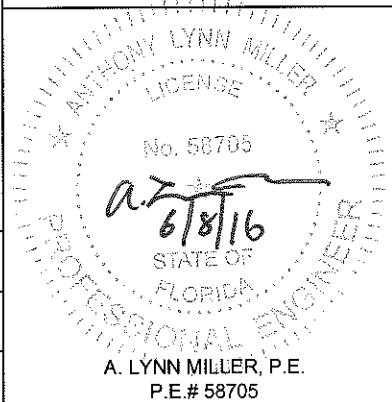
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Revsd By:	Date:	Revisions:
Revsd By:	Date:	Revisions:
Drawn By:	Date:	Checked By:
JR	02/20/14	

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



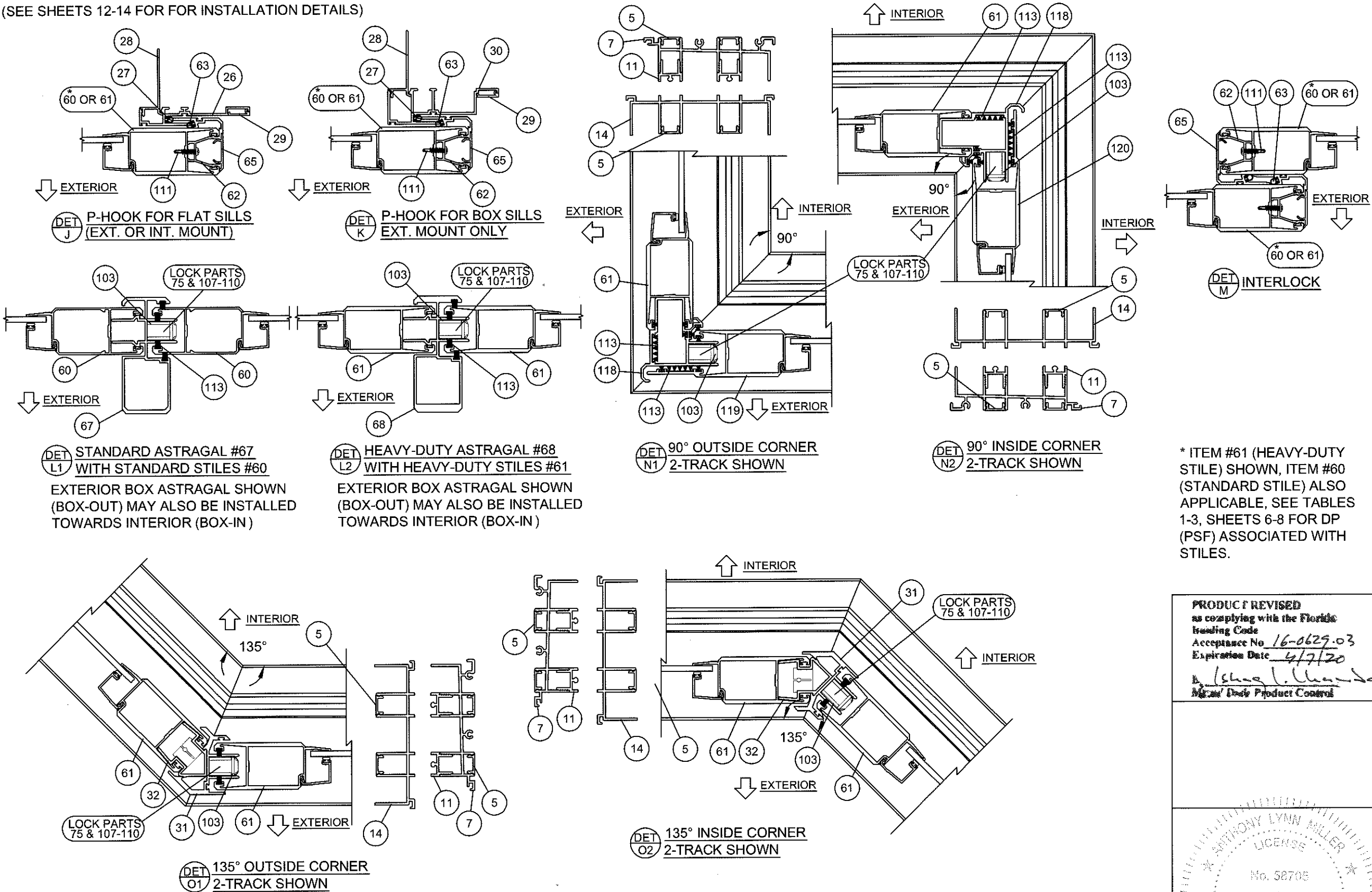
Description: VERTICAL SECTION DETAILS				
Title: SERIES 670 ALUM. SGD - NON-IMPACT				
Series/Model: SGD-670	Scale: NTS	Sheet: 18 of 22	Drawing No. PGT0128	Rev: B

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-0629.03
Expiration Date 4/7/20
A. Lynn Miller
Member, Product Council



ASSEMBLY DETAILS

(SEE SHEETS 12-14 FOR FOR INSTALLATION DETAILS)

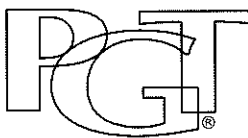


* ITEM #61 (HEAVY-DUTY STILE) SHOWN, ITEM #60 (STANDARD STILE) ALSO APPLICABLE, SEE TABLES 1-3, SHEETS 6-8 FOR DP (PSF) ASSOCIATED WITH STILES.

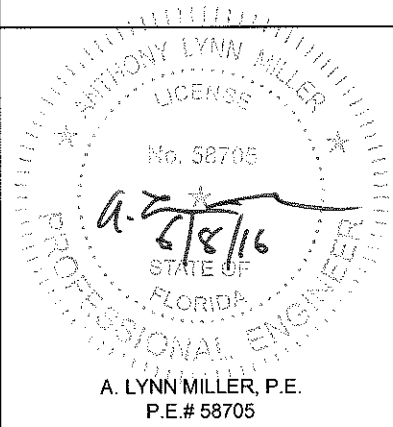
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-0629.03
Expiration Date 4/7/20
[Signature]
Metal Deck Product Controls

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

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



Description: HORIZONTAL SECTION DETAILS, CORNERS				
Title: SERIES 670 ALUM. SGD - NON-IMPACT				
Series/Model: SGD-670	Scale: NTS	Sheet: 19 of 22	Drawing No.: PGT0128	Rev.: B



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 SCREEN 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	17376	617376	135 CORNER
32	17378	617378	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		61816C20	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

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 WSTP. - THIN (INSIDE INTERLOCK)
64	1729	71729	SILL END WEATHERSTRIP PAD
65	17328	617328	INTERLOCK SCREW COVER
67	17329	617329	ASTRAGAL
68	17339	617339	HEAVY DUTY ASTRAGAL
69	17324	617324	TOP & BOTTOM RAIL
70	17350	417350	WEATHERSTRIP EXTENSION (INJECTION MOLDED)
71	1695	71695	1-1/2" X 1" X 3/4" HIGH FIN SEAL DUST PLUGS
72	8153	78153X	TANDEM ST. STL. ROLLER ASSY.
73	8153	78153N	TANDEM NYLON ROLLER ASSY.
74		SILICONE	DOW-899, DOW-995 OR GE-7700
75	8185	78185X	GEMINI MORTICE 3-PLY DUAL LOCK W/LONG TRIM PLATE
76		71032X1FPFX	#10-32 X 1" FL. SS SCREW W/ TYPE "F" TIP
77		7103239	10-32 STEEL ZINC U-NUT
78	17358	617358	3/16 & 1/4" BEAD
79	17357	617357	1" IG BEAD
80	17359	617359	7/16" BEAD / FIXED PANEL CLIP
82	1224	6TP247K	VINYL BULB WEATHERSTRIP
83	61745	1745	LOWE INC, 1/2" X 1/16" SGL. SIDE ADH. TAPE, POLYETH.
100	8052	48052	ROLLER ADJ. HOLE PLUG
101		72087	JAMB BUMPER
102	1696	71696	DUST PLUG
103	8186	78186X	1" KEEPER
104	653	7SDKEEP	SCREEN LOCK KEEPER
105	17344	617344	FIXED PANEL CLIP - 6" LONG
106	17352	617352	FIXED PANEL RETAINER - 9/16"
107	1739	71739	HANDLE KIT - INTERIOR RAISED WITH THUMB TURN, USED WITH #75
108	1740	71740	HANDLE KIT - RAISED EXTERIOR HANDLE, USED WITH #75
109	1731	78162SN	HANDLE KIT - RECESSED INT. WITH THUMB TURN, USED WITH #75
110	1732	78178	HANDLE KIT - RECESSED EXTERIOR PULL, USED WITH #75
111		710X34PPSDAX	#10 X 3/4" PH. PN. TEK - S.S.
112	1235	67S16	WSTP, .270 X .170 - FIN SEAL
113	1712	64066	.187" X .230" FINSEAL
114		710X115PPX	#10 X 1-1/2"
115		710XPPT	#10 X 1"
116		720X1X	#14-20 X 1" S.S.
117		720X112X	#14-20 X 1-1/2" S.S.
118	17336	617336	90 DEGREE CORNER RECEIVER
119	17337	617337	90 DEGREE OUTSIDE CORNER ASTRAGAL
120	17338	6117338	90 DEGREE INSIDE CORNER ASTRAGAL
123	17352	617352	FIXED PANEL RETAINER, 7/8"

NOTES:
1) ALL ALUMINUM = 6063-T6
2) ITEMS # 33-39, 56-59, 66, 81, 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.

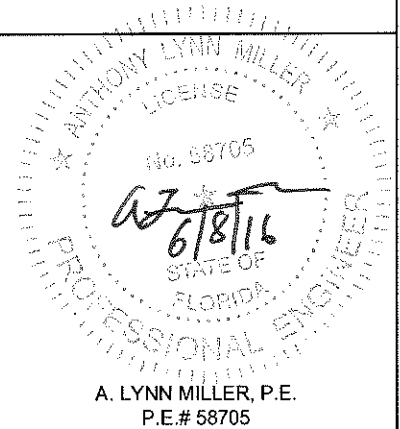
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-6629-03
Expiration Date 4/7/20
[Signature]
Approved State Product Control

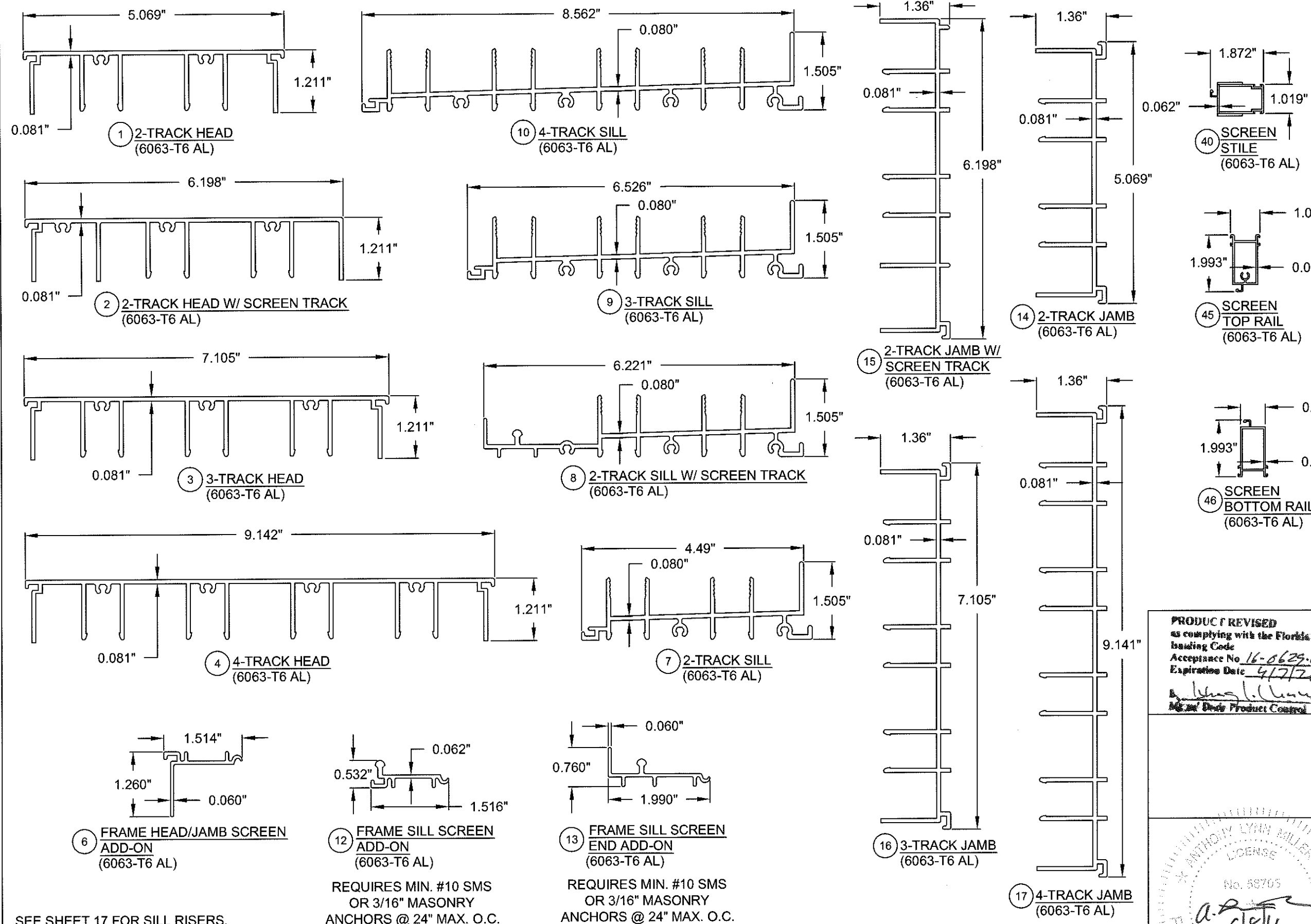
Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
Revised By:	Date:	Revisions:	
Drawn By:	Date:	Checked By:	Date:
JR	02/20/14		

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



Description: PARTS LIST				
Title: SERIES 670 ALUM. SGD - NON-IMPACT				
Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SGD-670	NTS	20 of 22	PGT0128	B





SEE SHEET 17 FOR SILL RISERS.

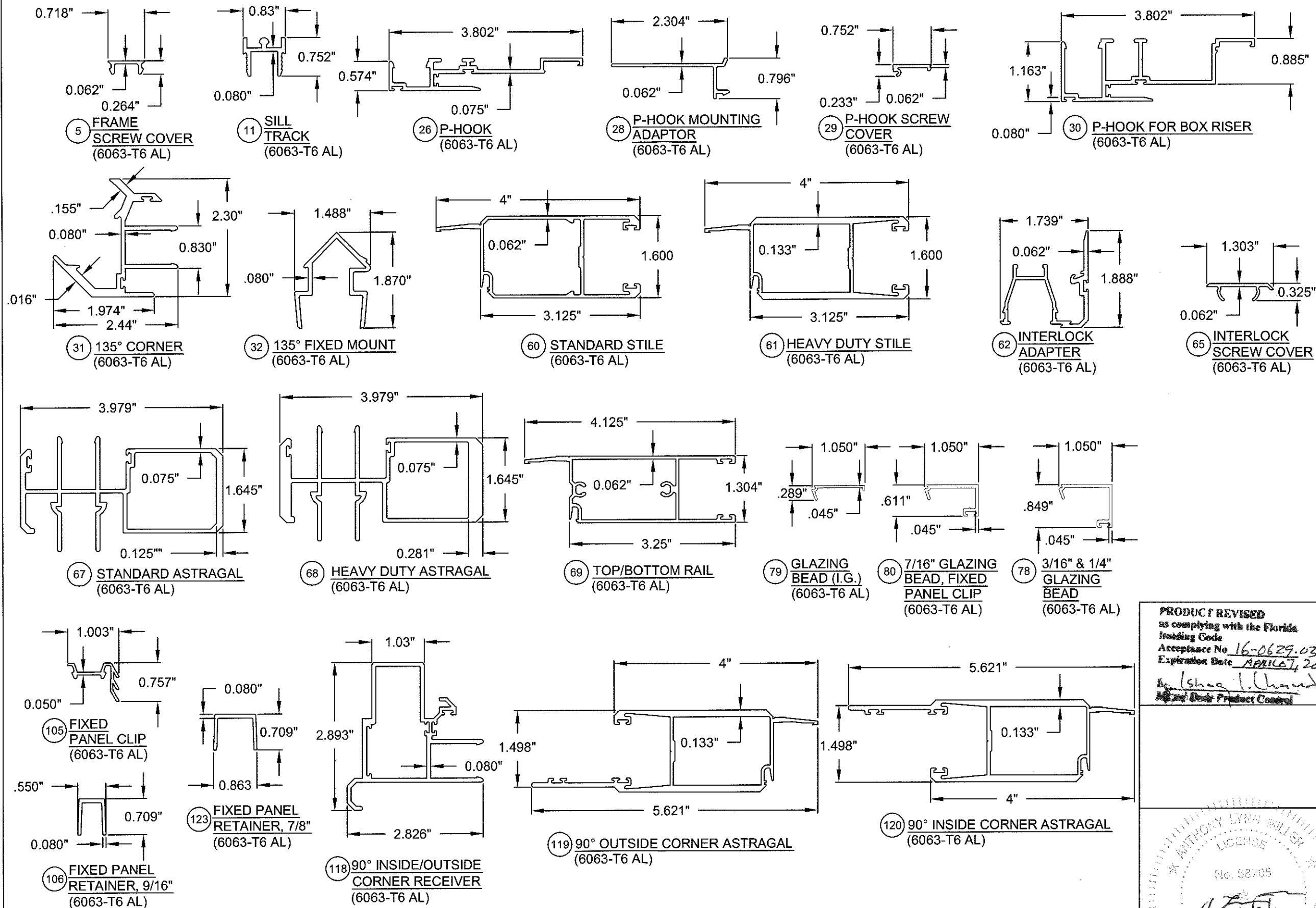
REQUIRES MIN. #10 SMS
OR 3/16" MASONRY
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REQUIRES MIN. #10 SMS
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Acceptance No. 16-0629-03
Expiration Date 4/7/20
A. Lynn Miller
A. Lynn Miller, P.E.
A. Lynn Miller Product Control

ANTHOIM LYNN MILLER
LICENSE
No. 58705
6/8/16
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

Revsd By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600 CERT. OF AUTH. #29296		Description: EXTRUSIONS				
Revsd By:	Date:	Revisions:				Title: SERIES 670 ALUM. SGD - NON-IMPACT				
Revsd By:	Date:	Revisions:								
Drawn By:	Date:	Checked By:	Date:			Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
JR	02/20/14					SGD-670	NTS	21 of 22	PGT0128	B



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Acceptance No. 16-0629.03
Expiration Date APRIL 7, 2020
By: [Signature]
Product Control

PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E. # 58705
6/8/16

Revised By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600 CERT. OF AUTH. #29296	PGT	Description: EXTRUSIONS Title: SERIES 670 ALUM. SGD - NON-IMPACT Series/Model: SGD-670	Scale: NTS	Sheet: 22 of 22	Drawing No. PGT0128	Rev: B
Revised By:	Date:	Revisions:								
Revised By:	Date:	Revisions:								
Drawn By: JR	Date: 02/20/14	Checked By:	Date:							