



MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidadegov/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: DESCRIPTION: Series "SGD-2500" Aluminum Sliding Glass Doors w / wo Reinforcements – Non-Impact

APPROVAL DOCUMENT: Drawing No. **757 Rev O**, titled "Alum Sliding Glass Doors-Non-Impact", sheets 1 through 16 of 16, prepared by manufacturer, dated 09-08-04 and last revised on 04/18/17, signed and sealed by Lynn Miller, P.E., bearing the Miami-Dade County Product Control Renewal 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. Use of Table 1, requires No reinforcements per sheet 6.
2. Use of Tables 2 and 3 require full reinforcement per sheets 7 & 8 of the drawing.
3. Egress operable doors must comply with min clear width per FBC, as applicable.
4. Max 1/4" nominal air space is applicable for I.G. glazing with Truseal Duraseal spacer.

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", 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 **renews NOA # 18-0207.05** and consists of this page 1 and evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

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



NOA No. 19-0219.11
Expiration Date: May 22, 2024
Approval Date: March 14, 2019
Page 1

8
3/15/19

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under files below).
2. Drawing No. **757 Rev N**, titled "Alum Sliding Glass Doors-Non-Impact", sheets 1 through 16 of 16, prepared by manufacturer, dated 09-08-04 and last revised on 05/29/15, signed and sealed by Lynn Miller, P.E.

B. TESTS (submitted under files # 12-0726.03 / #11-1018.11 / # 08-0213.03)

1. 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 Report No **FTL-5095**, dated 12-13-06, signed and sealed by Edmundo Largaespada, P.E.

2. Additional test reports, Test report No. FTL-3102, FTL-3116, FTL-3117, FTL-3596, FTL-4273, FTL-4275 and FTL-4277 per FBC, TAS 202-94 (formally SFBC, PA 202-94), issued by Fenestration Testing Laboratory, Inc. (Transferred from file # **04-1220.05 / 08-0213.03**).

C. CALCULATIONS

1. Anchor verification calculations and structural analysis dated 05/29/15, complying with FBC-214 (5th Edition), prepared by PGT, signed and sealed by Lynn Miller, P.E.
2. Glazing complies with ASTM E-1300-02 & -04.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(5th edition) and letter of no financial interest, prepared by PGT, dated 05/29/15, signed and sealed by Lynn Miller, P.E.
2. Letter of lab compliance, part of the above test reports.

G. OTHER

1. This NOA revises NOA # **12-0726.03**, expiring May 22, 2018.
2. Previous NOA associated files: **08-0213.03**, # **07-0309.09** and # **04-1220.05**
3. Test proposals No(s) **07-2245** and # **04-0404** approved by BCCO.

2. Evidence submitted under previous approvals

A. DRAWINGS

1. Drawing No. **757 Rev O**, titled "Alum Sliding Glass Doors-Non-Impact", sheets 1 through 16 of 16, prepared by manufacturer, dated 09-08-04 and last revised on 04/18/17, signed and sealed by Lynn Miller, P.E.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 19-0219.11
Expiration Date: May 22, 2024
Approval Date: March 14, 2019

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Previous Evidence submitted (continue)

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis dated 04/18/17 and last revised on 08/14/17, complying with FBC-217 (6th Edition), prepared by PGT, signed and sealed by Lynn Miller, P.E.
2. Glazing complies with ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(5th edition) & FBC 2017(6th Edition) & letter of no financial interest, prepared by PGT, dated 08/14/17, signed and sealed by Lynn Miller, P.E.

G. OTHER

1. This NOA **revises NOA # 15-0609.10**, expiring May 22, 2018.

3. Previous Evidence submitted

A. DRAWINGS

1. Drawing No. **757 Rev O**, titled "Alum Sliding Glass Doors-Non-Impact", sheets 1 through 16 of 16, prepared by manufacturer, dated 09-08-04 and last revised on 04/18/17, signed and sealed by Lynn Miller, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis dated 04/18/17 and last revised on 08/14/17, complying with FBC-217 (6th Edition), prepared by PGT, signed and sealed by Lynn Miller, P.E.
2. Glazing complies with ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(5th edition) & FBC 2017(6th Edition) & letter of no financial interest, prepared by PGT, dated 08/14/17, signed and sealed by Lynn Miller, P.E.
2. E-mail statement letter dated APRIL 10, 2018 from PGT Industries, Inc, for one year renewal request, subjected to successful verification test, signed by Lynn Miller, P.E., Manager.

G. OTHER

1. This NOA conditionally **renews NOA # 17-0207.05** for one year, expiring May 22, 2019.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 19-0219.11
Expiration Date: May 22, 2024
Approval Date: March 14, 2019

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New Evidence submitted

A. DRAWINGS

1. Drawing No. **757 Rev O**, titled "Alum Sliding Glass Doors-Non-Impact", sheets 1 through 16 of 16, prepared by manufacturer, dated 09-08-04 and last revised on 04/18/17, signed and sealed by Lynn Miller, P.E.

B. TESTS

1. Test report on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, per FBC, TAS 202-94Along with marked-up drawings and installation diagram of aluminum Sliding Glass Doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No **FTL-18850**, dated 08-21-18, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS (submitted under file #18-0207.05)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2017(6th Edition) & letter of no financial interest, prepared by PGT, dated 02/12/19, signed and sealed by Lynn Miller, P.E.

G. OTHER

1. This NOA **renews NOA #18-0207.05**, expiring May 22, 2024.
2. RER test proposal # 18-0831 approved on June 05, 2018.

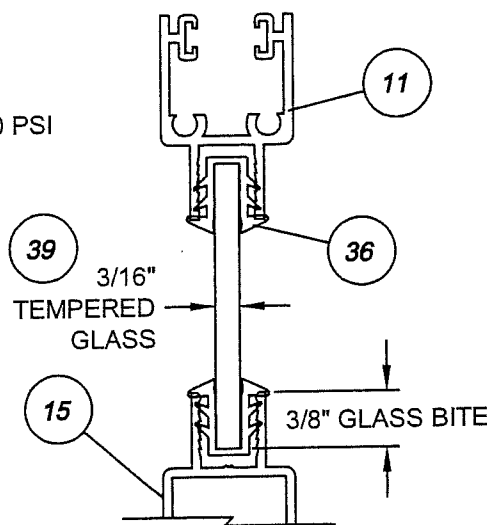


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 19-0219.11
Expiration Date: May 22, 2024
Approval Date: March 14, 2019

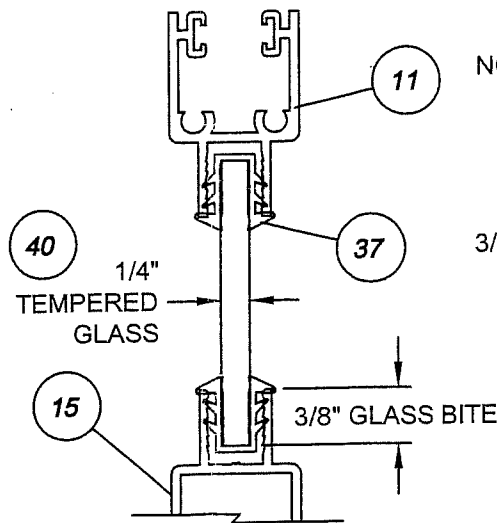
SERIES 2500, NON-IMPACT RESISTANT
SLIDING GLASS DOOR

1. GLAZING OPTIONS:
B. 3/16" TEMPERED GLASS. TEST REPORTS FTL-3116, FTL3117, FTL-4277 AND FTL-5095.
C. 1/4" TEMPERED GLASS. TEST REPORT FTL-3102.
D. 5/8" INSULATED GLASS (I.G.); (2) LITES OF 3/16" TEMPERED GLASS WITH A 1/4" AIR SPACE. TEST REPORTS FTL-4273, FTL-4275, FTL-4280, FTL-4285 AND FTL-4341.
2. CONFIGURATIONS: SEE SHEET 3.
3. DESIGN PRESSURES: SEE TABLES 1-3 ON SHEET 2.
A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300.
C. DESIGN PRESSURES OF LESS THAN 40 PSF NOT APPLICABLE IN MIAMI-DADE COUNTY.
D. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
4. 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 FBC. FOR ANCHORAGE DETAILS, SEE SHEETS 14-16.
5. MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED IN MIAMI-DADE COUNTY AND WHERE IMPACT RESISTANCE IS REQUIRED.
6. INSTALLATION SCREWS, FRAME AND PANEL CORNERS SEALED WITH SCHNEE/MOREHEAD SEAM SEALER.
7. REFERENCES: TEST REPORTS FTL-3102, FTL-3116, FTL-3117, FTL-3596, FTL-4273, FTL-4275, FTL-4277, FTL-4278, FTL-4280, FTL-4285, FTL-4341 AND 5095.
>ELCO ULTRACON AND CRETEFLEX NOA'S
>ANSI/AF&PA NDS FOR WOOD CONSTRUCTION
>ALUMINUM DESIGN MANUAL
8. THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
9. GLAZING VINYL SPECIFICATIONS (ITEMS 36, 37, & 131):
A. PVC MATERIAL BY BAYSHORE VINYL COMPOUNDS, INC., EXTRUDED BY TEAM PLASTICS, INC.
B. HARDNESS: 70 SHORE A
C. SPECIFIC GRAVITY: 1.43
D. TENSILE STRENGTH: 1450 PSI
E. ULTIMATE ELONGATION: 380%
F. MODULUS @ 100% ELONGATION: 590 PSI
G. TEAR STRENGTH: 210 LB/IN
10. METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

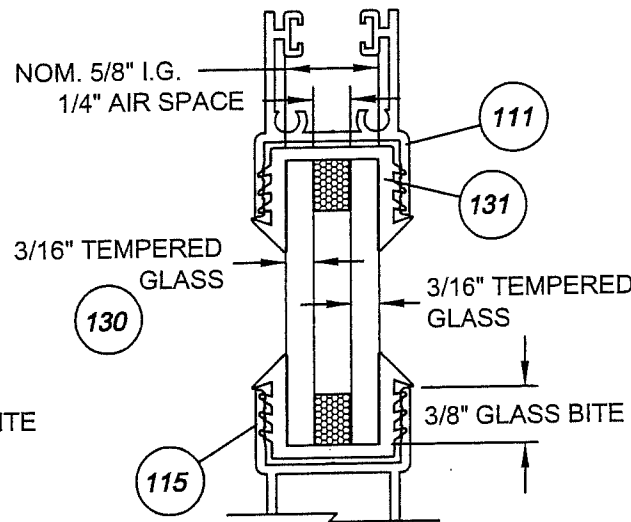
GENERAL NOTES.....	1
GLAZING DETAILS.....	1
DESIGN PRESSURES.....	2
CONFIGURATIONS.....	3
ELEVATIONS.....	4
VERT. SECTIONS.....	5
HORIZ. SECTIONS.....	6-8
"X" & "O" CLIP INSTALL.....	9
PARTS LIST.....	10
EXTRUSIONS.....	11-13
ANCHORAGE.....	14-16



3/16" MONOLITHIC GLASS
GLASS TYPE B



1/4" MONOLITHIC GLASS
GLASS TYPE C



5/8" I.G. GLASS
GLASS TYPE D

Anchor Group	Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. O.C. Distance	Min. Embedment or Metal Thickness
1	1/4" Elco UltraCon®	Head / Sill	Concrete (min. 2.85 ksi)	1-3/4"	1.687"	1-3/4"
		P-hook	Concrete (min. 2.85 ksi)	1-1/4"	4"	1-3/8"
		Jamb	Hollow Block (ASTM C90)	2-1/2"	1.594"	1-1/4"
2	1/4" 410 SS Elco CreteFlex®	Head / Sill	Concrete (min. 3.35 ksi)	2-1/2"	1.687"	1-3/4"
		P-hook	Concrete (min. 3.35 ksi)	1-1/4"	3"	1-3/4"
		Jamb	Hollow Block (ASTM C90)	2-1/2"	1.594"	1-1/4"
		Head / Sill	Southern Pine (SG = 0.55)	1"	1.687"	1-3/8"
		P-hook		1"	1"	1-3/8"
		Jamb		1"	1.594"	1-3/8"
3	#12 Steel SMS (Gr. 5)	Head / Sill	Southern Pine (SG = 0.55) / 6063-T5 Aluminum	1"	1.687"	1-3/8" / 1/8"
		P-hook		1"	1"	1-3/8" / 1/8"
		Jamb		1"	1.594"	1-3/8" / 1/8"

- 1) ALL ANCHOR HEAD TYPES ARE APPLICABLE.
2) MIN. OF 3 THREADS BEYOND METAL SUBSTRATE.

Material	Min. F _y	Min. F _u
Steel Screw	92 ksi	120 ksi
Elco UltraCon®	155 ksi	177 ksi
410 SS Elco CreteFlex®	127.4 ksi	189.7 ksi
6063-T5 Aluminum	16 ksi	22 ksi

DESIGN PRESSURE RATING	IMPACT RATING
SEE TABLES 1, 2 & 3 ON SHEET 2	NOT RATED FOR MISSILE IMPACT RESISTANCE

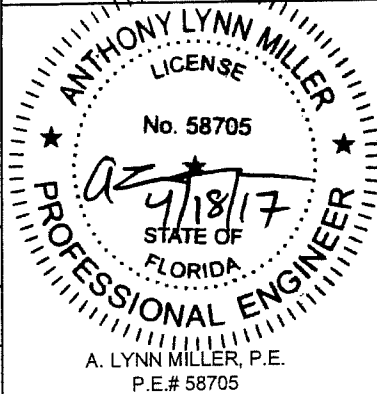
CODES / STANDARDS USED:

- 2017 FLORIDA BUILDING CODE (FBC), 6TH EDITION
- 2014 FLORIDA BUILDING CODE (FBC), 5TH EDITION
- ASTM E1300-04
- ANSI/AF&PA NDS-2015 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2015
- AISI S100-12
- AISC 360-10

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219-11
Expiration Date MAY 22, 2024
By Shang L. Chang
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207-05
Expiration Date MAY 22, 2019
By Shang L. Chang
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0420-05
Expiration Date MAY 22, 2018
By Shang L. Chang
Miami Dade Product Control



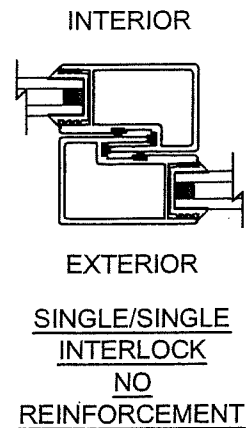
Revised By: JR	Date: 04/05/17	Revisions: 0	UPDATED TO FBC 2017, REV. ANCHOR TABLE, THIS SHEET.
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED

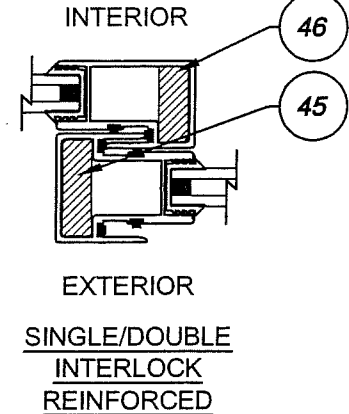


Description: NOTES, GLAZING DETAILS & MAP			
Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT			
Series/Model: SGD2500	Scale: NTS	Sheet: 1 of 16	Drawing No.: 757
Rev: 0			

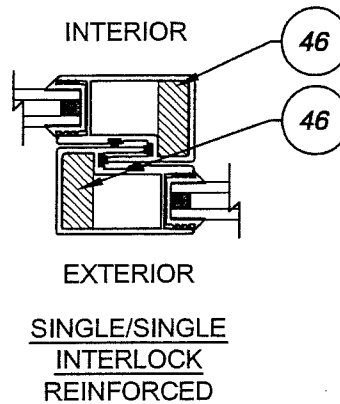
COMPARATIVE ANALYSIS: TABLE 1.									
>EXTENDED SILL, 2 1/2" HIGH									
>SINGLE/SINGLE INTERLOCK									
>NO REINFORCEMENT (SEE SECTIONS ON SHEET 6)									
GLASS TYPES:									
B. FTL-3117 & FTL-4277; 3/16" OR 1/4" TEMPERED									
D. FTL-4280 & FTL-4285; 5/8" TEMPERED I.G. (3/16"T, 1/4"SPACE, 3/16"T)									
NOM. PANEL WIDTH	GLASS	OVER-ALL DOOR HEIGHT							
		80" (6 ⁸)		84" (7 ⁰)		90" (7 ⁶)		96" (8 ⁰)	
24" (2 ⁰)	B	+65.0	-98.8	+65.0	-70.0	+64.6	-64.6	+60.0	-60.0
	D	+65.0	-107.1	+65.0	-80.0	+65.0	-73.8	+65.0	-68.6
30" (2 ⁶)	B	+65.0	-82.7	+58.4	-58.4	+53.8	-53.8	+49.8	-49.8
	D	+65.0	-89.6	+65.0	-66.8	+61.4	-61.4	+56.9	-56.9
36" (3 ⁰)	B	+65.0	-72.3	+50.9	-50.9	+46.7	-46.7	+43.1	-43.1
	D	+65.0	-78.3	+58.2	-58.2	+53.3	-53.3	+49.2	-49.2
42" (3 ⁶)	B	+65.0	-65.1	+45.7	-45.7	+41.7	-41.7	+38.4	-38.4
	D	+65.0	-70.5	+52.2	-52.2	+47.7	-47.7	+43.9	-43.9
48" (4 ⁰)	B	+60.0	-60.0	+42.0	-42.0	+38.2	-38.2	+35.0	-35.0
	D	+65.0	-65.0	+48.0	-48.0	+43.6	-43.6	+40.0	-40.0



COMPARATIVE ANALYSIS: TABLE 3.									
>EXTENDED SILL, 2 1/2" HIGH									
>SINGLE/DOUBLE INTERLOCK (OUTSIDE)									
>FULL REINFORCEMENT (SEE SECTIONS ON SHEET 8)									
GLASS TYPES:									
C. FTL-3102; 1/4" TEMPERED									
D. FTL-4273 & FTL-4275; 5/8" TEMPERED I.G. (3/16"T, 1/4"SPACE, 3/16"T)									
NOM. PANEL WIDTH	GLASS	OVER-ALL DOOR HEIGHT							
		80" (6 ⁸)		84" (7 ⁰)		90" (7 ⁶)		96" (8 ⁰)	
24" (2 ⁰)	C	+65.0	-127.1	+65.0	-120.0	+65.0	-110.8	+65.0	-102.9
	D	+65.0	-130.0	+65.0	-130.0	+65.0	-120.0	+65.0	-111.4
30" (2 ⁶)	C	+65.0	-106.3	+65.0	-100.2	+65.0	-92.2	+65.0	-85.3
	D	+65.0	-115.2	+65.0	-108.5	+65.0	-99.8	+65.0	-92.4
36" (3 ⁰)	C	+65.0	-92.9	+65.0	-87.3	+65.0	-80.0	+65.0	-73.8
	D	+65.0	-100.6	+65.0	-94.5	+65.0	-86.7	+65.0	-80.0
42" (3 ⁶)	C	+65.0	-78.4	+65.0	-78.4	+65.0	-71.6	+65.0	-65.8
	D	+65.0	-84.9	+65.0	-84.9	+65.0	-77.5	+65.0	-71.3
48" (4 ⁰)	C	+60.0	-60.0	+60.0	-60.0	+60.0	-60.0	+60.0	-60.0
	D	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0



COMPARATIVE ANALYSIS: TABLE 2.									
>EXTENDED SILL, 2 1/2" HIGH									
>SINGLE/SINGLE INTERLOCK									
>FULL REINFORCEMENT (SEE SECTIONS ON SHEET 7)									
GLASS TYPES:									
B. FTL-3116; 3/16" OR 1/4" TEMPERED									
D. FTL-4341; 5/8" TEMPERED I.G. (3/16"T, 1/4"SPACE, 3/16"T)									
NOM. PANEL WIDTH	GLASS	OVER-ALL DOOR HEIGHT							
		80" (6 ⁸)		84" (7 ⁰)		90" (7 ⁶)		96" (8 ⁰)	
24" (2 ⁰)	B,D	+65.0	-105.9	+65.0	-100.0	+65.0	-92.3	+65.0	-85.7
30" (2 ⁶)	B,D	+65.0	-88.6	+65.0	-83.5	+65.0	-76.8	+65.0	-71.1
36" (3 ⁰)	B,D	+65.0	-77.4	+65.0	-72.7	+65.0	-66.7	+61.5	-61.5
42" (3 ⁶)	B,D	+65.0	-65.3	+65.0	-65.3	+59.6	-59.6	+54.9	-54.9
48" (4 ⁰)	B,D	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0



NOTES:

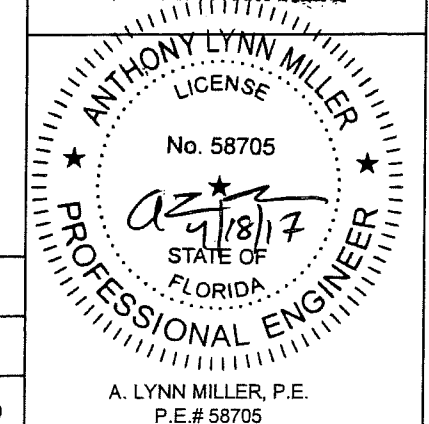
1. POSITIVE DESIGN PRESSURES SHOWN IN TABLES ARE BASED ON THE 2 1/2" HIGH SILL. POSITIVE DESIGN PRESSURE IS LIMITED TO 35.3 PSF WITH THE 1 3/4" SILL. NEGATIVE PRESSURES ARE UNCHANGED
2. INTERIOR SILL IS USED WHERE WATER RESISTANCE IS NOT REQUIRED, IN WHICH CASE POSITIVE DESIGN PRESSURE EQUALS THE NEGATIVE DESIGN PRESSURE SHOWN IN TABLES 1 THROUGH 3 FOR THE RESPECTIVE SIZE.

SEE NOTES 1 & 2	
SILL HEIGHT (IN.)	POS. DESIGN PRESS. (PSF)
2 1/2"	+65.0
1 3/4"	+35.3
INTERIOR SILL	NOT RATED

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219-11
Expiration Date 5/22/2024
By Anthony Lynn Miller
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 15-0207-05
Expiration Date 5/22/19
By Anthony Lynn Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0420-05
Expiration Date 5/22/18
By Anthony Lynn Miller
Miami Dade Product Control

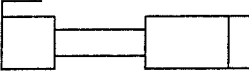
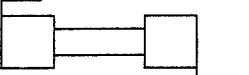
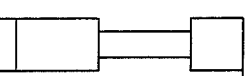
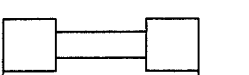
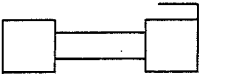
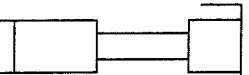
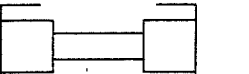
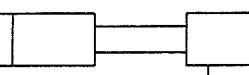
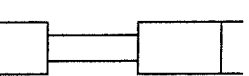
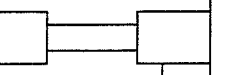
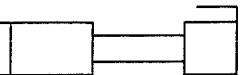


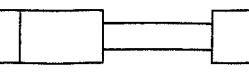
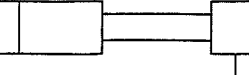
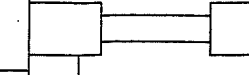
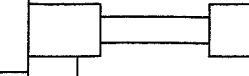
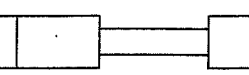
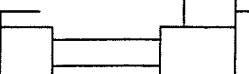
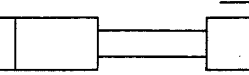
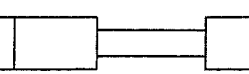
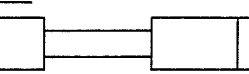
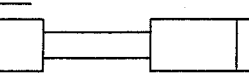
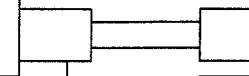
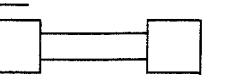
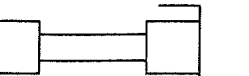
Revised By:	Date:	Revisions:	
JR	04/05/17	O	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



Description:			
DESIGN PRESSURES, NO REINFORCEMENT			
Title:			
ALUM. SLIDING GLASS DOOR, NON-IMPACT			
Series/Model:	Scale:	Sheet:	Drawing No.
SGD2500	NTS	2 of 16	757
Rev:			O

CODE	PANEL TYPES		
A	R.H. INTERLOCK		LOCKSTILE
B	R.H. INTERLOCK		R.H. INTERLOCK
C	R.H. INTERLOCK		REVERSE ASTRAGAL
D	LOCKSTILE		R.H. INTERLOCK
E	L.H. INTERLOCK		R.H. INTERLOCK
F	L.H. INTERLOCK		L.H. INTERLOCK
G	LOCKSTILE		DOUBLE INTERLOCK
H	R.H. INTERLOCK		L.H. INTERLOCK
I	DOUBLE INTERLOCK		DOUBLE INTERLOCK
J	LOCKSTILE		STANDARD ASTRAGAL
K	L.H. INTERLOCK		LOCKSTILE
L	L.H. INTERLOCK		STANDARD ASTRAGAL
M	LOCKSTILE		L.H. INTERLOCK
N	STANDARD ASTRAGAL		L.H. INTERLOCK
P	R.H. INTERLOCK		FIXED LOCKSTILE

CODE	PANEL TYPES		
R	FIXED LOCKSTILE		L.H. INTERLOCK
S	FIXED LOCKSTILE		STANDARD ASTRAGAL
T	REVERSE ASTRAGAL		FIXED LOCKSTILE
U	REVERSE ASTRAGAL		LOCKSTILE
V	FIXED LOCKSTILE		FIXED LOCKSTILE
W	DOUBLE INTERLOCK		STANDARD ASTRAGAL
Y	FIXED LOCKSTILE		DOUBLE INTERLOCK
Z	LOCKSTILE		LOCKSTILE
YR	DOUBLE INTERLOCK		FIXED LOCKSTILE
GR	DOUBLE INTERLOCK		LOCKSTILE
LR	REVERSE ASTRAGAL		R.H. INTERLOCK
WR	STANDARD ASTRAGAL		DOUBLE INTERLOCK
DS	DOUBLE INTERLOCK		R.H. INTERLOCK
SD	L.H. INTERLOCK		DOUBLE INTERLOCK

CONFIGURATION NOTES:

1. MAXIMUM DAYLIGHT OPENING OF THE ADJACENT 48" NOMINAL WIDTH PANEL TYPES IS 44 1/8".
2. MAX. DLO HEIGHT = 91 3/4"
3. DOOR CONFIGURATIONS INCLUDE BY-PASS, POCKET AND ANY COMBINATION THEREOF (LIMITED TO EIGHT PANELS AND SEVEN TRACK FRAMES) FRAMES OVER 3-TRACKS ARE MADE UP OF THE APPROVED FRAME COMPONENTS SHOWN ON SHEETS 12 AND 13 OF THIS NOA.

EXAMPLE MAXIMUM CONFIGURATIONS:

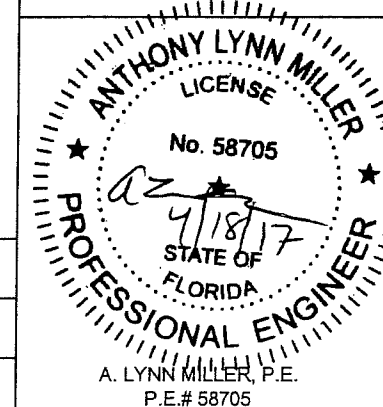
- A. EIGHT PANELS ON FOUR TRACKS (CENTER MEET)
- B. FIVE PANELS ON FIVE TRACKS (BY-PASS)

TRACKS IN EXCESS OF THOSE REQUIRED FOR STRUCTURAL DOOR PANELS MAY BE USED FOR SCREENS.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.11
Expiration Date 5/22/2024
By Isang I. Chang
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.05
Expiration Date 5/22/19
By Isang I. Chang
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0420.05
Expiration Date 5/22/18
By Isang I. Chang
Miami Dade Product Control

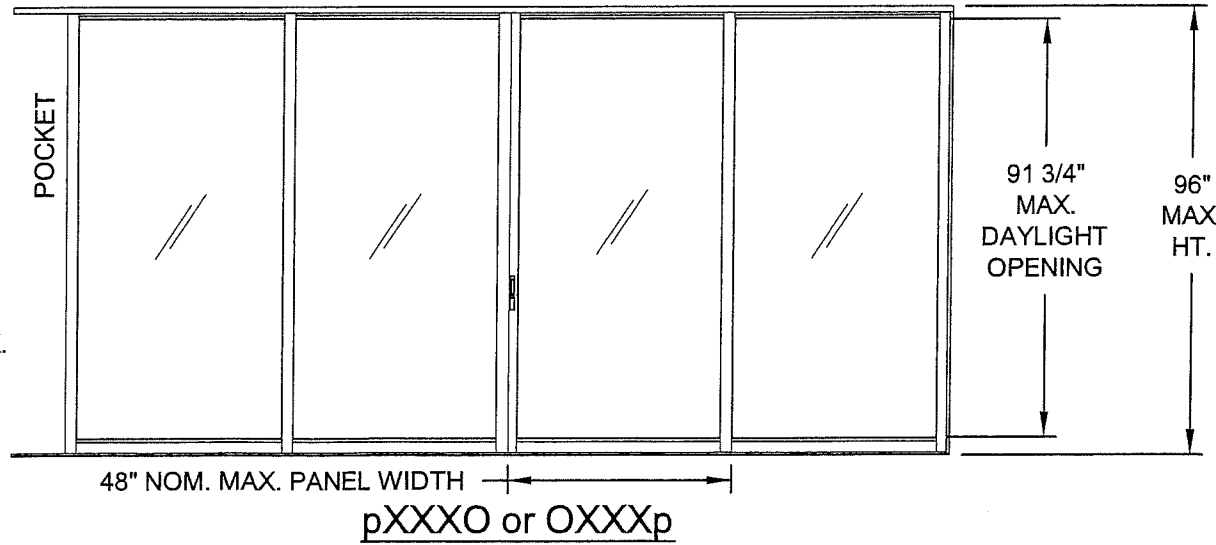
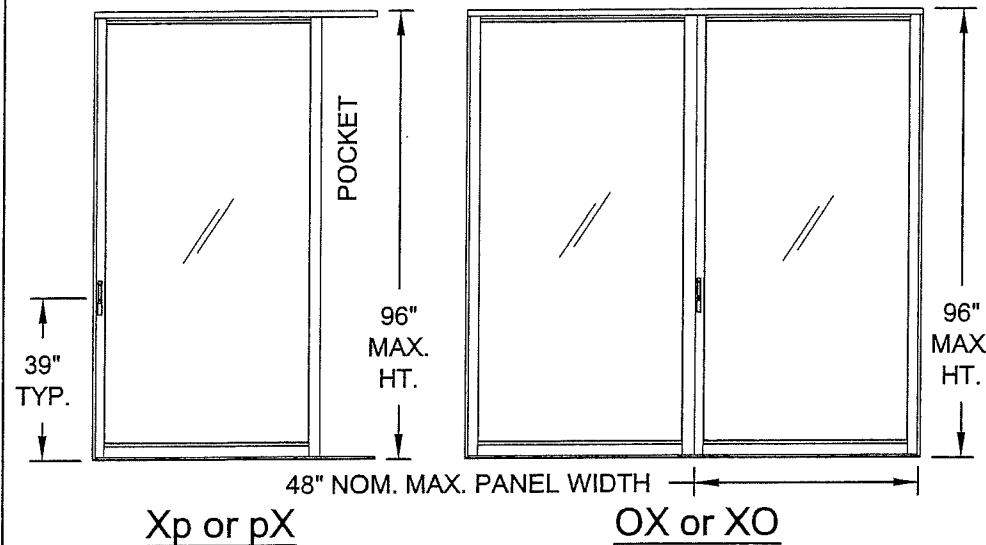
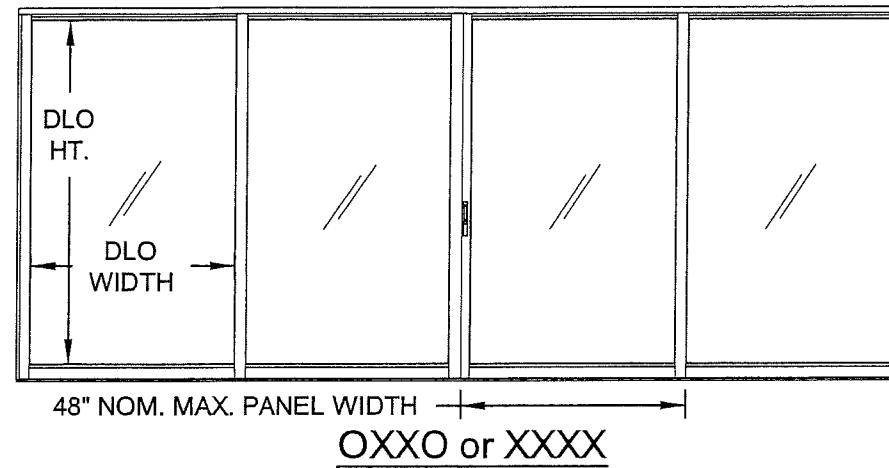
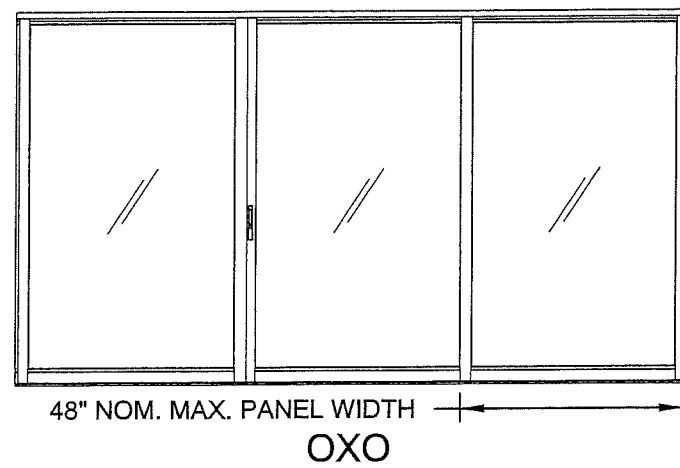
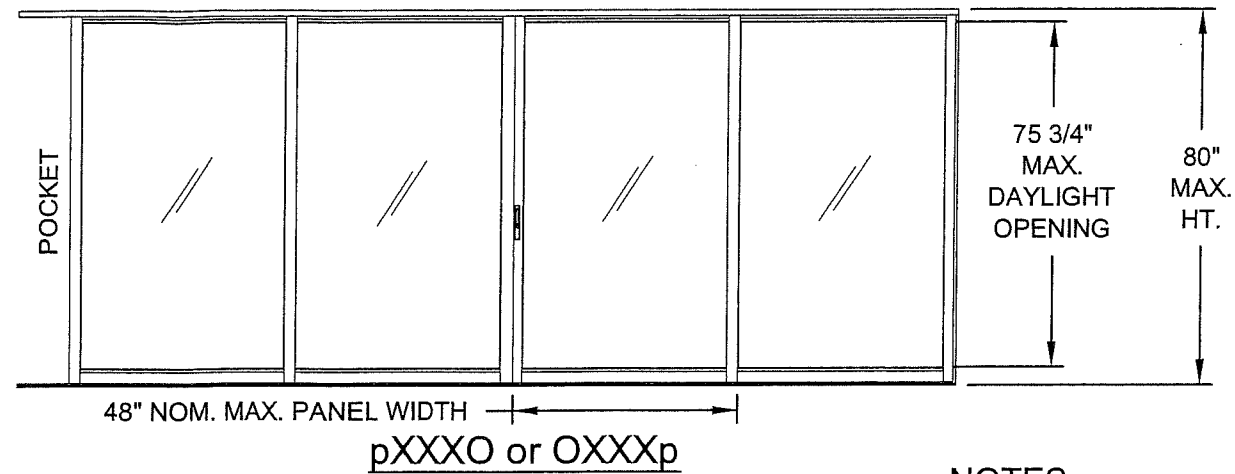
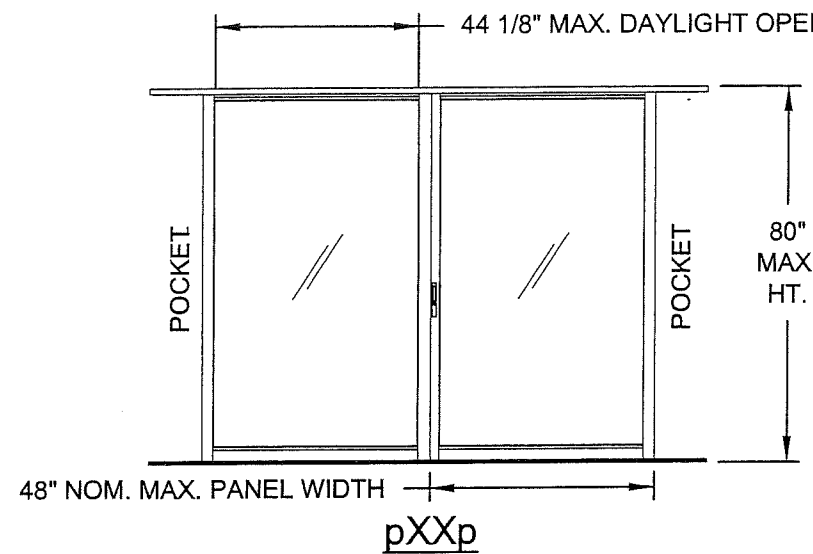


Revised By:	Date:	Revisions:	
JR	04/05/17	0	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



Description:			
PANEL TYPES			
Title:			
ALUM. SLIDING GLASS DOOR, NON-IMPACT			
Series/Model:	Scale:	Sheet:	Drawing No.
SGD2500	NTS	3 of 16	757
Rev:			0



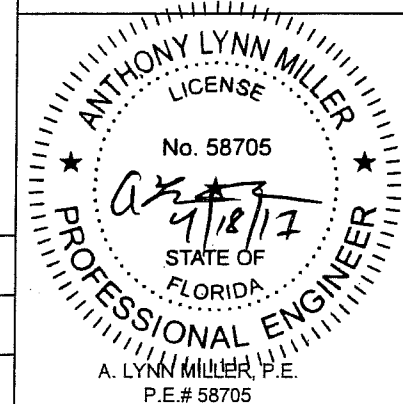
NOTES:

1. SEE SHEET 3 FOR PANEL TYPES.
2. DLO WIDTH = NOMINAL WIDTH - 3 7/8"
3. DLO HEIGHT = DOOR HEIGHT - 4 1/4"

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 19-0219.11
Expiration Date 5/22/2024
By Ishag I. Chaudhary
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 18-0207.05
Expiration Date 5/22/19
By Ishag I. Chaudhary
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 17-0420.05
Expiration Date 5/22/18
By Ishag I. Chaudhary
Miami Dade Product Control

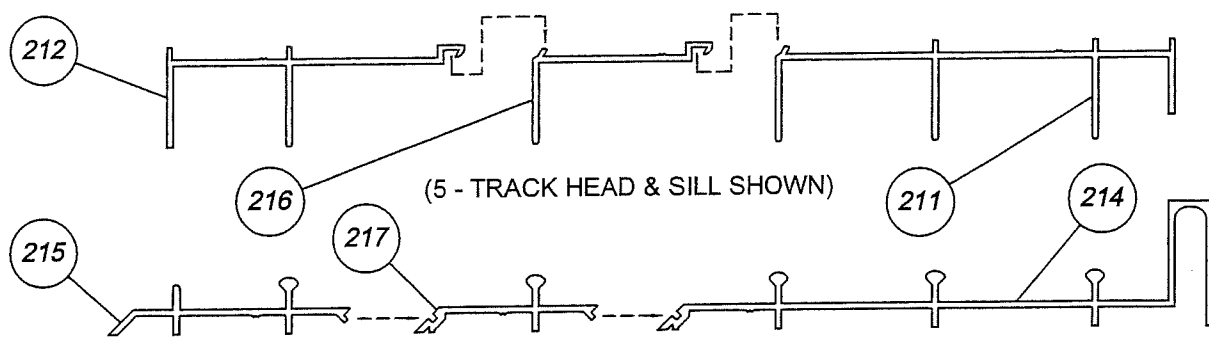


Revised By:	Date:	Revisions:	
JR	04/05/17	O	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

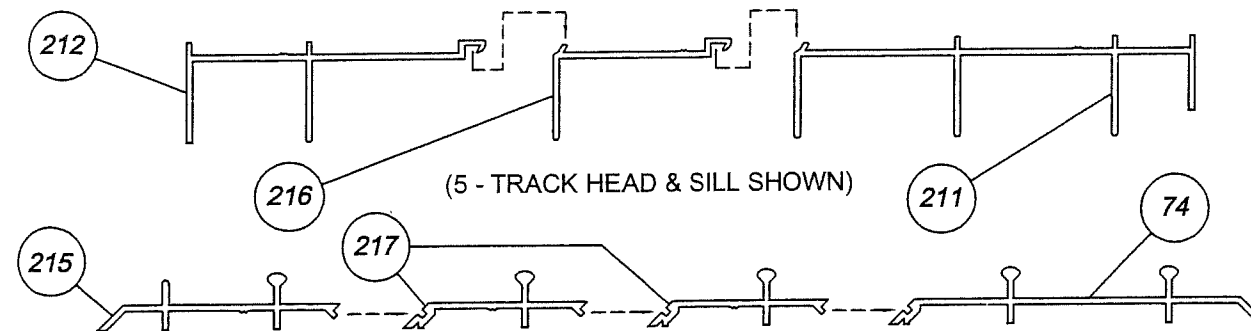
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



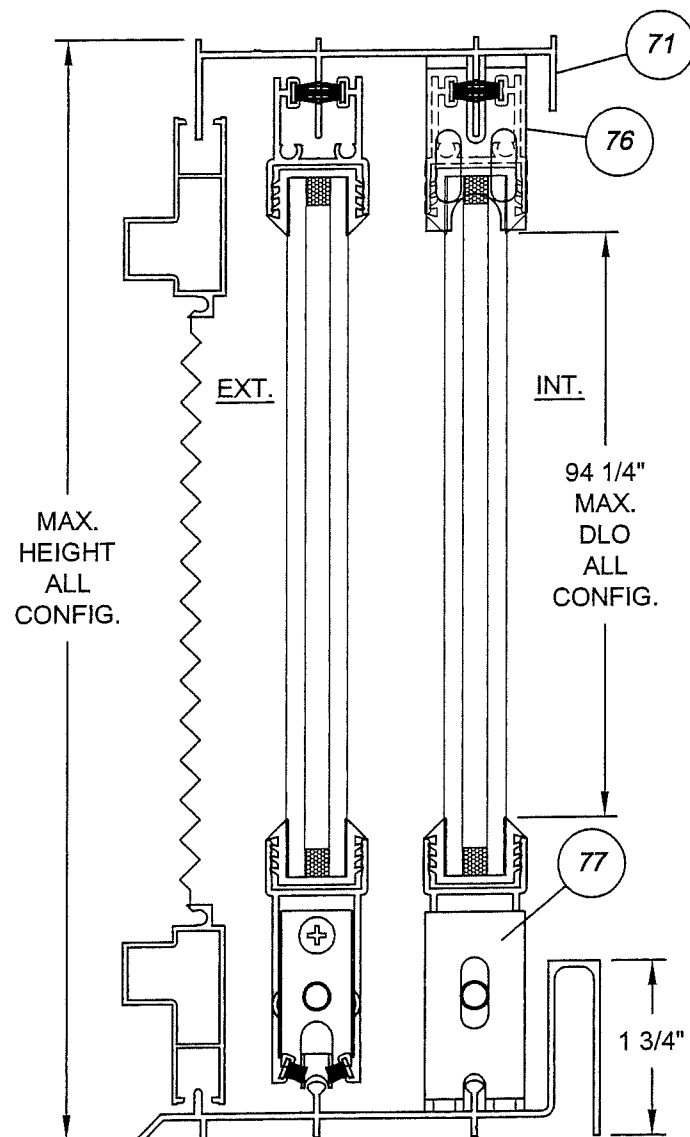
Description: EXAMPLE ELEVATIONS			
Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT			
Series/Model:	Scale:	Sheet:	Drawing No.
SGD2500	NTS	4 of 16	757
Rev:			
O			



EXAMPLE MULTI-PART EXTERIOR FRAME

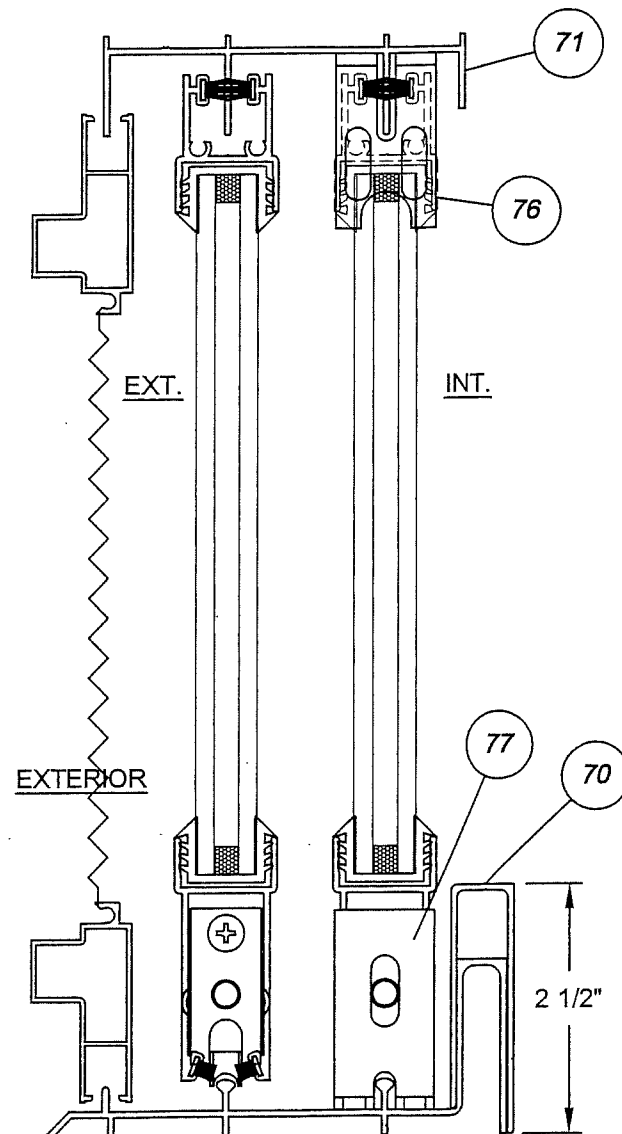


EXAMPLE MULTI-PART INTERIOR FRAME

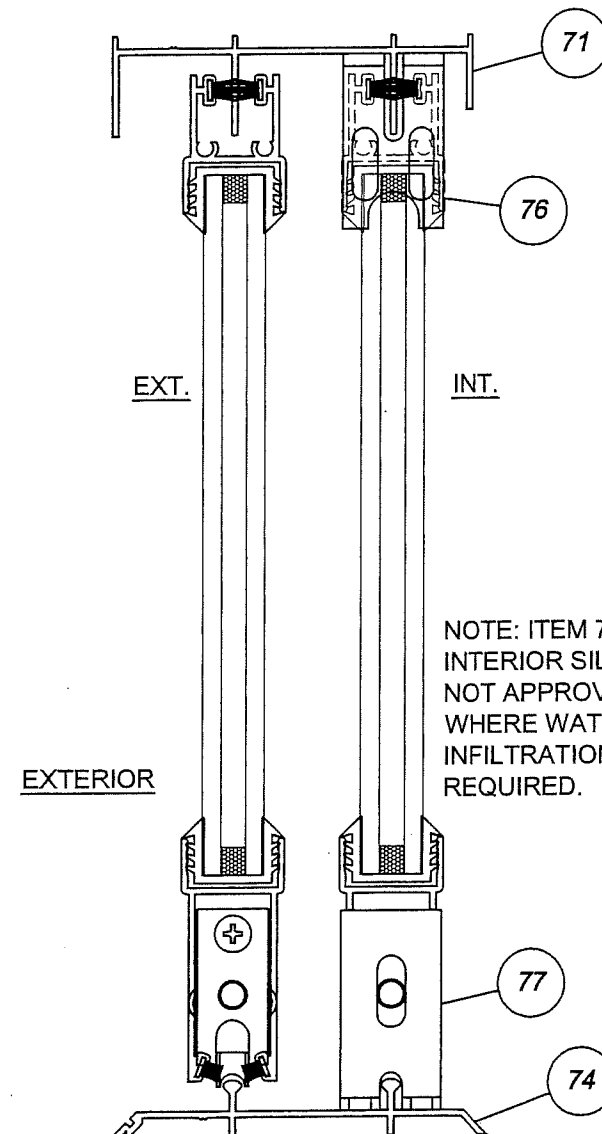


NOTE:
MAX. DP W/ 1 3/4"
SILL = +35.3 PSF

VERTICAL SECT.
STANDARD SILL



VERTICAL SECT.
EXTENDED SILL



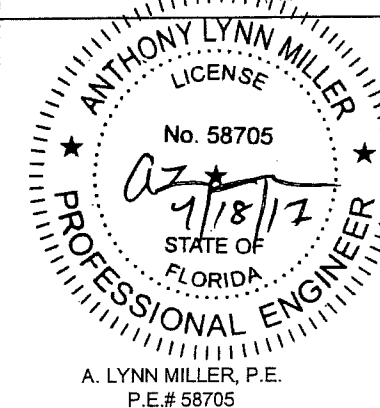
VERTICAL SECT.
INTERIOR SILL

NOTE: ITEM 74,
INTERIOR SILL IS
NOT APPROVED
WHERE WATER
INFILTRATION IS
REQUIRED.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219-11
Expiration Date 5/22/2024
By *Anthony L. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207-05
Expiration Date 5/22/19
By *Anthony L. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0420-05
Expiration Date 5/22/18
By *Anthony L. Miller*
Miami Dade Product Control



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

CERT. OF AUTH. #29296

COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



Description:

VERTICAL SECTIONS

Title:

ALUM. SLIDING GLASS DOOR, NON-IMPACT

Series/Model:

SGD2500

Scale:

1/2

Sheet:

5 of 16

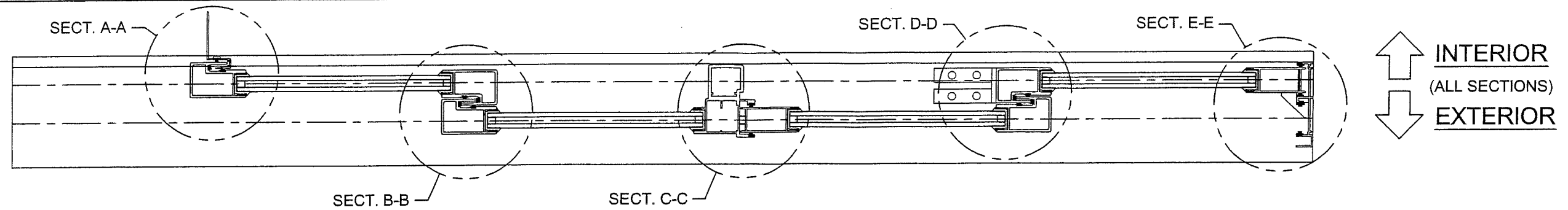
Drawing No.

757

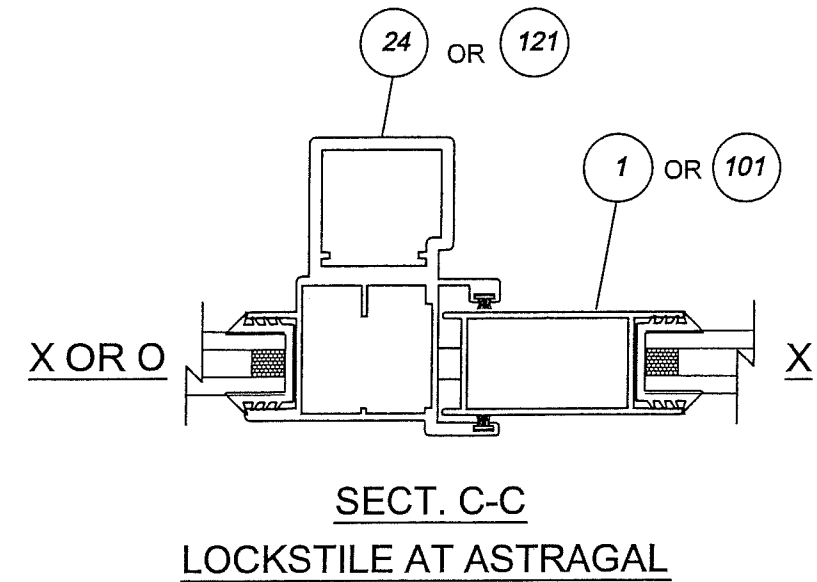
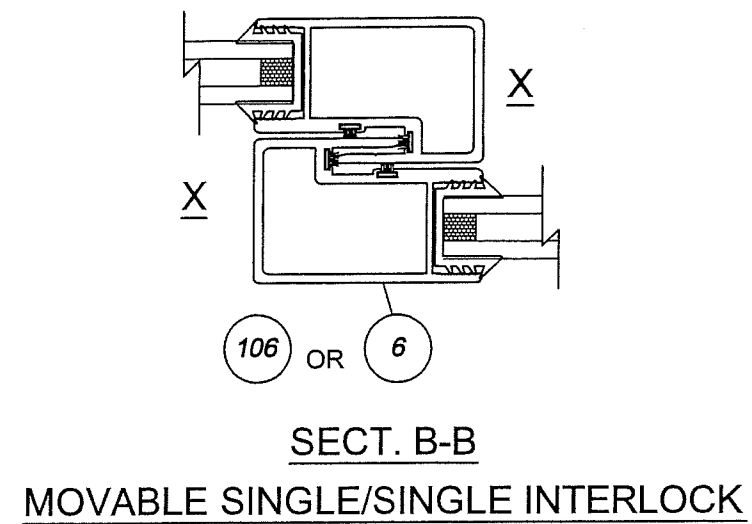
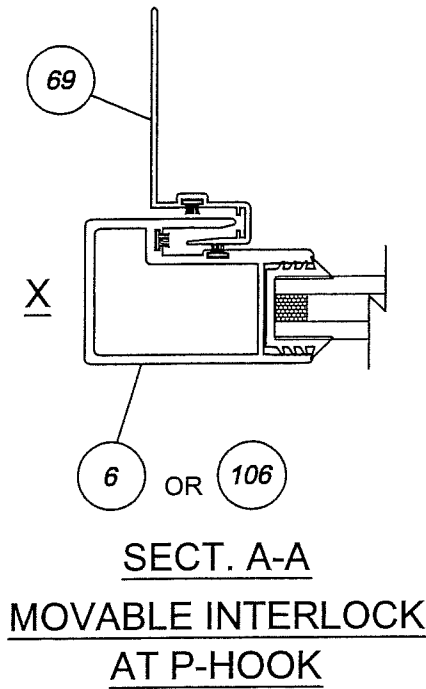
Rev:

0

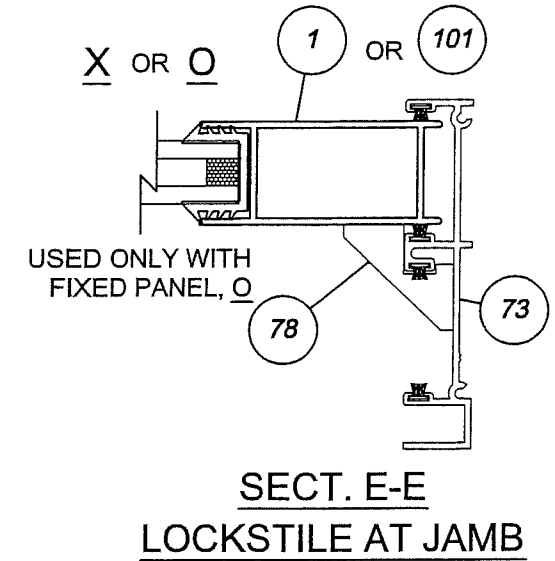
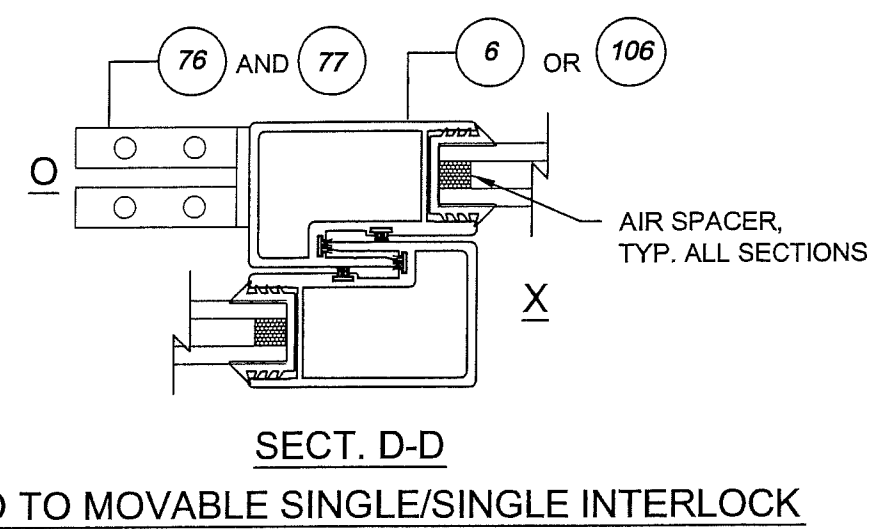
Revised By:	Date:	Revisions:	
JR	04/05/17	0	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06



SINGLE/SINGLE INTERLOCK EXAMPLE W/ NO REINFORCEMENT (TABLE 1, SHT. 2 DESIGN PRESSURES)

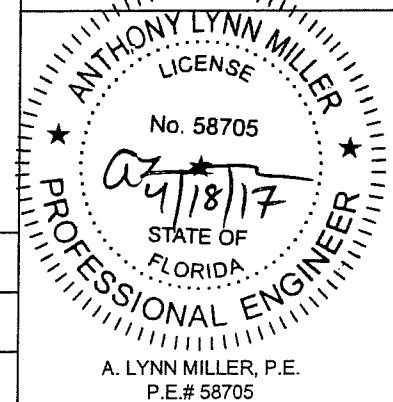


PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219-11
Expiration Date 5/22/2024
By Anthony L. Miller
Miami Dade Product Control



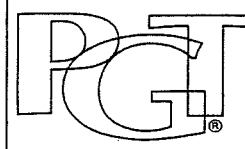
PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207-05
Expiration Date 5/22/19
By Anthony L. Miller
Miami Dade Product Control

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 17-0420-05
Expiration Date 5/22/18
By Anthony L. Miller
Miami Dade Product Control

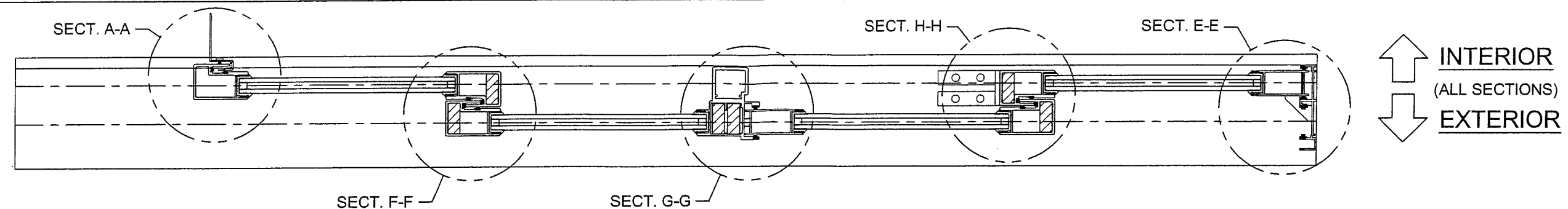


Revised By:	Date:	Revisions:	
JR	04/05/17	O	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

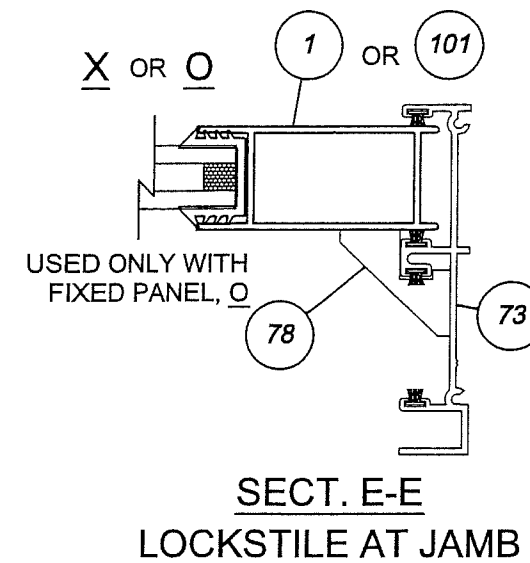
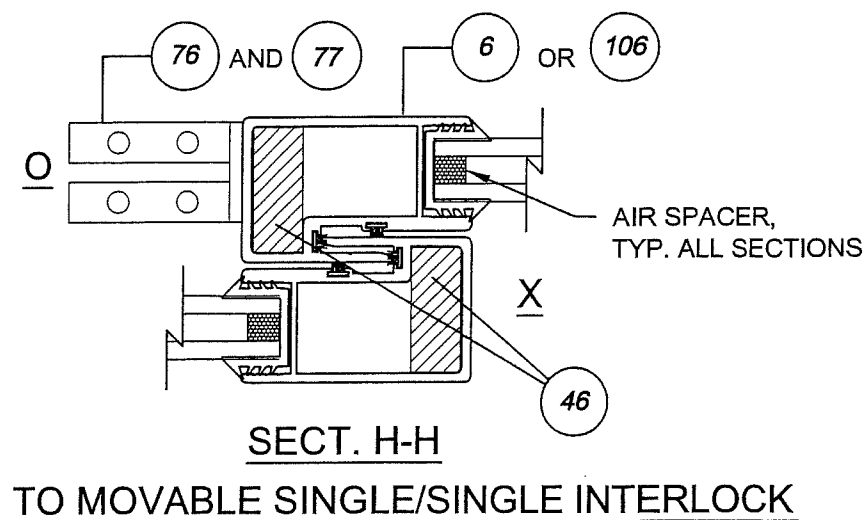
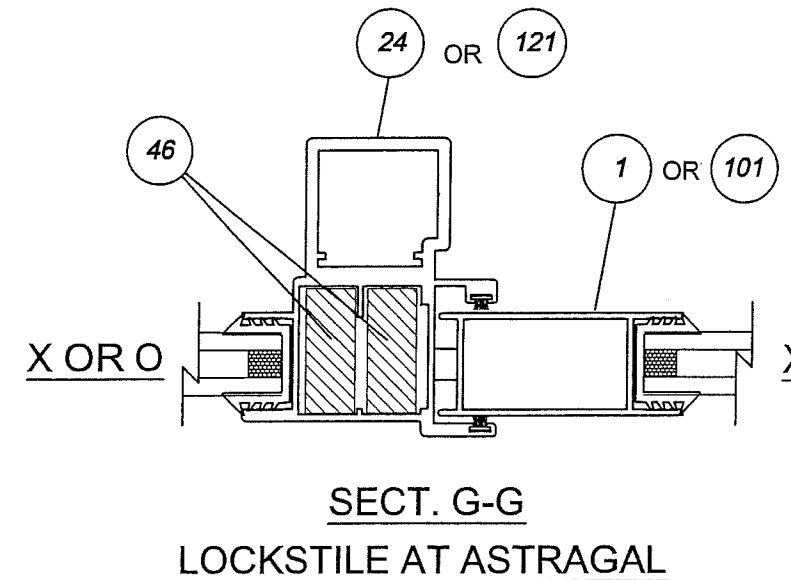
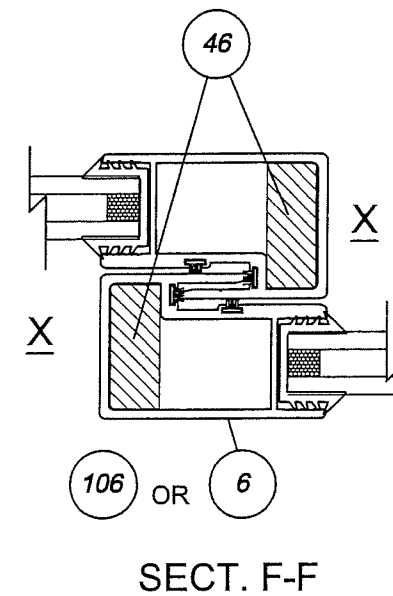
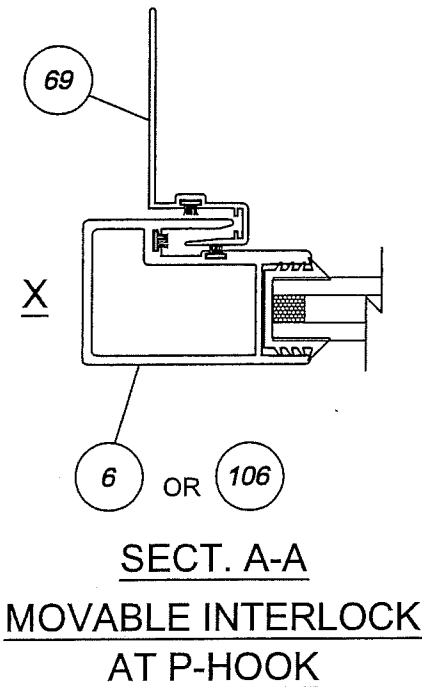
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



Description:	HORIZONTAL SECTIONS, TABLE 1 - DPS				
Title:	ALUM. SLIDING GLASS DOOR, NON-IMPACT				
Series/Model:	Scale:	Sheet:	Drawing No.	Rev.	
SGD2500	1/2	6 of 16	757	O	



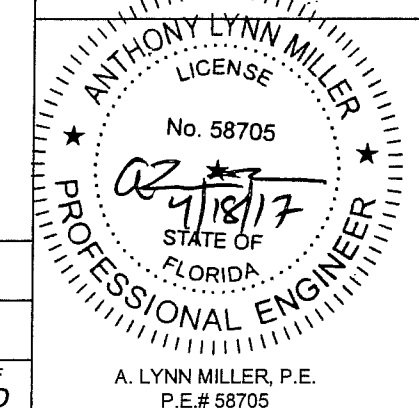
SINGLE/SINGLE INTERLOCK EXAMPLE FULL REINFORCEMENT (TABLE 2, SHT. 2 DESIGN PRESSURES)



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.11
Expiration Date 5/22/2024
By Ishag I. Chande
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.05
Expiration Date 5/22/19
By Ishag I. Chande
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0420.05
Expiration Date 5/22/18
By Ishag I. Chande
Miami Dade Product Control

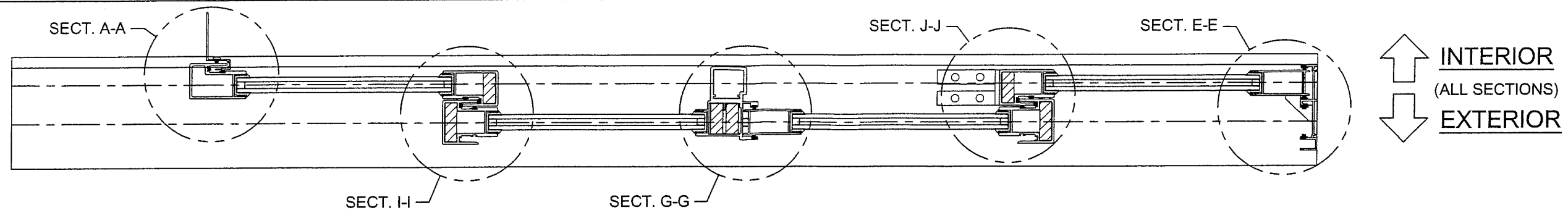


Revised By:	Date:	Revisions:	
JR	04/05/17	0	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

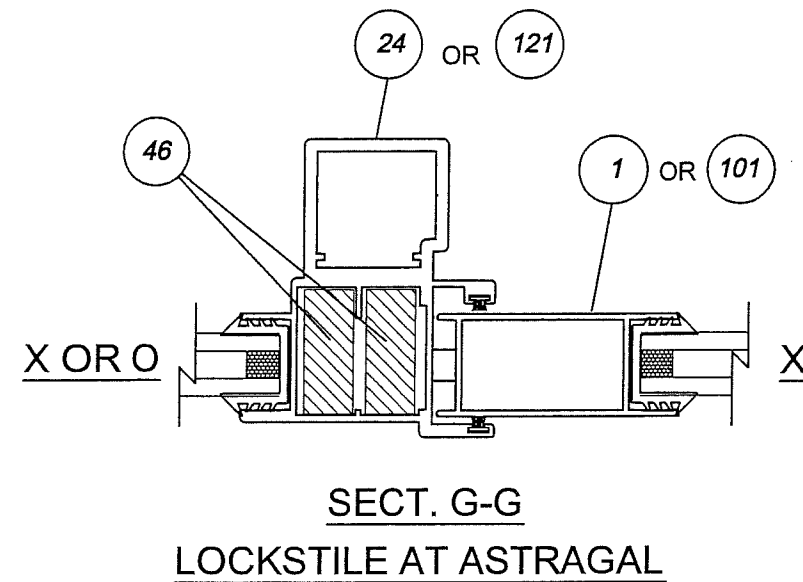
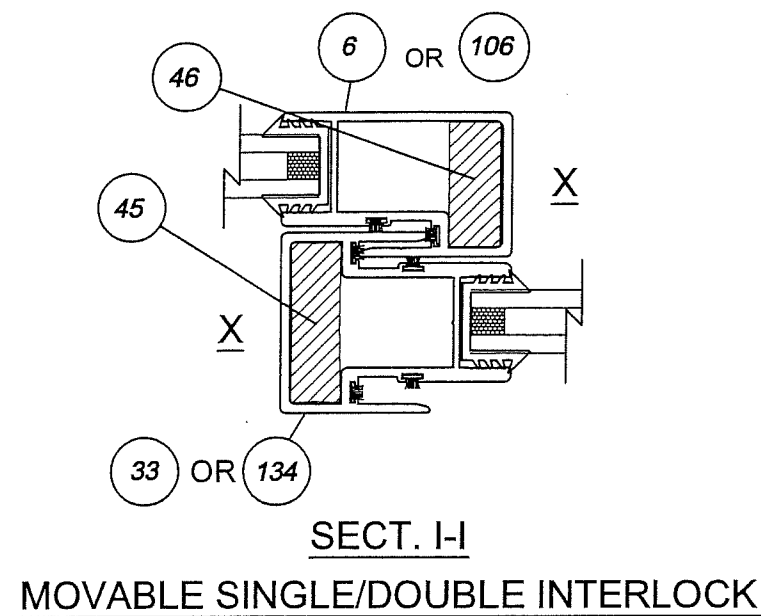
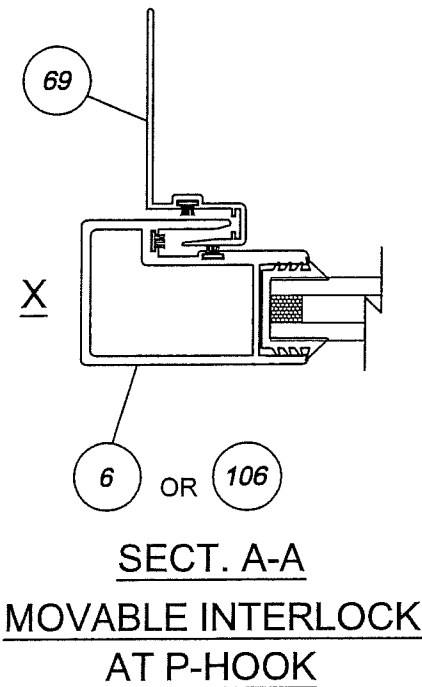
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



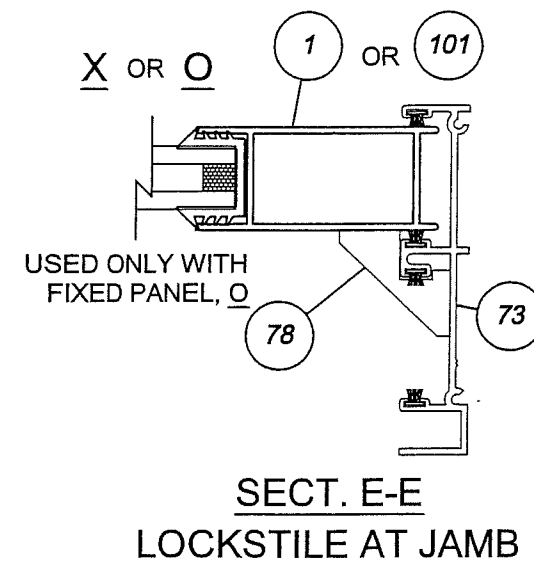
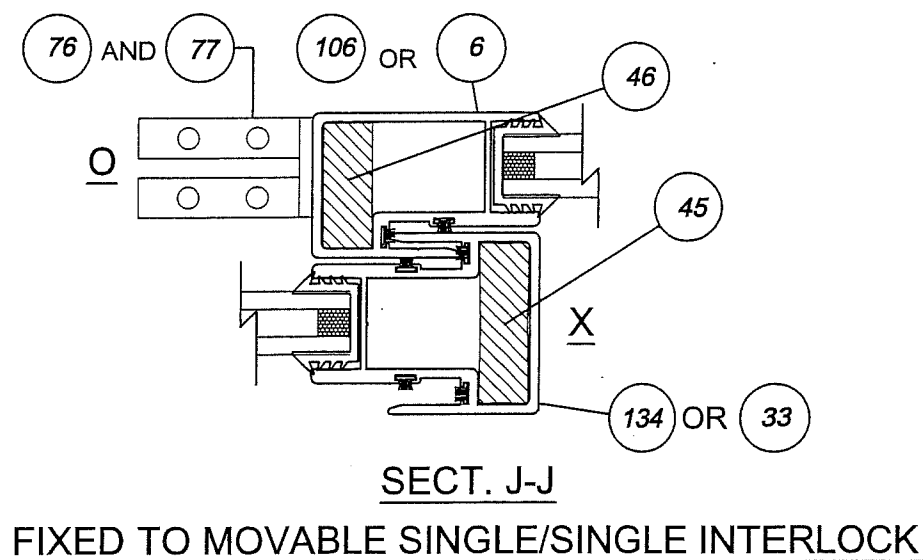
Description: HORIZONTAL SECTIONS, TABLE 2 - DPS				
Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT				
Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SGD2500	1/2	7 of 16	757	0



SINGLE/DOUBLE INTERLOCK EXAMPLE FULL REINFORCEMENT (TABLE 3, SHT. 2 DESIGN PRESSURES)

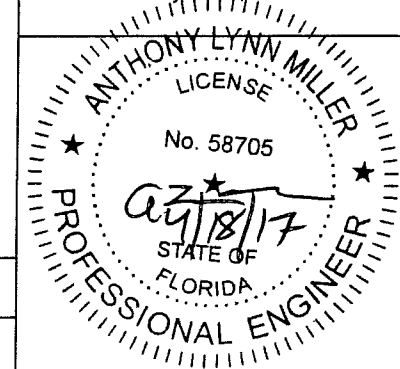


PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 19-0219.11
Expiration Date 5/22/2024
By [Signature]
Miami Dade Product Control



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 18-0207.05
Expiration Date 5/22/19
By [Signature]
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 17-0420.05
Expiration Date 5/22/18
By [Signature]
Miami Dade Product Control



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

Revised By:	Date:	Revisions:	
JR	04/05/17	O	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



Description:	HORIZONTAL SECTIONS, TABLE 3 - DPS			
Title:	ALUM. SLIDING GLASS DOOR, NON-IMPACT			
Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SGD2500	1/2	8 of 16	757	O

(1) FIXED PANEL CLIP (TOP) INSTALLED ON EACH FIXED PANEL AT THE INTERLOCK POSITION TO ATTACH FIXED PANEL TO FRAME HEAD

(2) FIXED PANEL BRACKETS INSTALLED ON EACH FIXED PANEL TO ATTACH FIXED PANEL TO FRAME JAMB

INSTALL W/ #10x1" SMS (4)

RE-INSTALL #10x 3/4" PANEL SCREWS (2)

INSTALL W/ #10x1" SMS (2)

INSTALL W/ #10x1" SMS (4)

RE-INSTALL 1/4-20 PANEL SCREW (1)

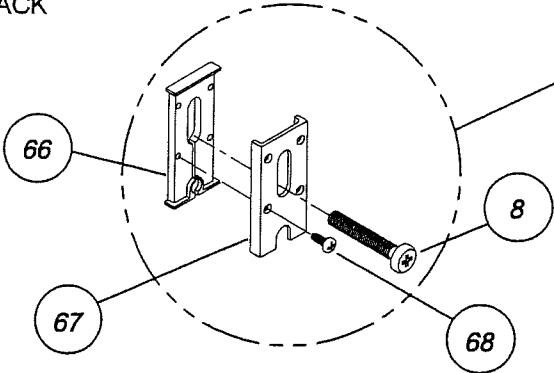
(1) FIXED PANEL CLIP (BOTTOM) INSTALLED ON EACH FIXED PANEL AT THE INTERLOCK POSITION TO ATTACH FIXED PANEL TO FRAME SILL

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.24
Expiration Date 5/22/2024

By *Anthony L. Miller*
Miami Dade Product Control

FIXED PANELS

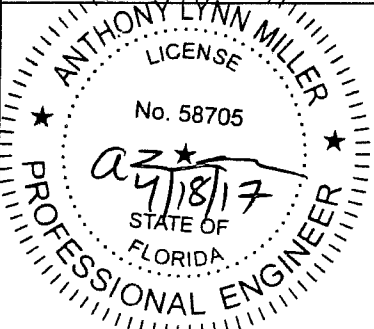
(1) TRACK CLIP ASSEMBLY INSTALLED ON EACH ACTIVE PANEL AT THE INTERLOCK POSITION TO SECURE THE ACTIVE PANEL TO IT'S RESPECTIVE SILL TRACK



OPERABLE PANELS

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0267.05
Expiration Date 5/22/19
By *Anthony L. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0426.05
Expiration Date 5/22/18
By *Anthony L. Miller*
Miami Dade Product Control



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

Revised By:	Date:	Revisions:	
JR	04/05/17	0	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



Description:	TRACK CLIP & FIXED CLIPS INSTALLATION				
Title:	ALUM. SLIDING GLASS DOOR, NON-IMPACT				
Series/Model:	Scale:	Sheet:	Drawing No.	Rev:	
SGD2500	1/2	9 of 16	757	0	

ITEM	PART #	DESCRIPTION	PGI#
1	708	LOCKSTILE, MONOLITHIC	69362
2		LATCH ASSEMBLY (LOCK)	7LOCK
3		LATCH ASSEMBLY (DUMMY)	7DUMY
4		#10-32 X 1.25 PH. FL. MS (LATCH)	71114K
6	705	INTERLOCK (STD.), MONOLITHIC	69409
7	1119	#10 X .750 PH. PN. SMS - S.S.	7S134X
8		1/4-20 X 1.125 PH. PN. MS	71420X118PPMSX
9	1209	WSTP, .187 X 320 - PILE	6FELTK
11	706	TOP RAIL, MONOLITHIC	68172
12	1281	WSTP, .187 X .290 FIN SEAL	61281W
13	725B	TOP PANEL GUIDE	41801
15	707C	BOTTOM RAIL, MONOLITHIC	68173
17	726	BOTTOM PANEL GUIDE	41802
18	661	SINGLE ROLLER ASSY.	7SRAZ
19	661	SINGLE ROLLER ASSY. - S.S.	7SRAX
20	683	TANDEM ROLLER ASSY.	7683Z
21	683	TANDEM ROLLER ASSY. - S.S.	7683SS
23	609	ASTRAGAL, MONOLITHIC	68315
24	720	ASTRAGAL (HD.), MONOLITHIC	69492
26	653	LATCH KEEPER	7SDKEEP
27	653	LATCH KEEPER - S.S.	7SDKEEPX
28		#8 X .312 PH. TR. SMS	78X56A
29	729	JAMB BUMPER	72087K
30		#6 X .375 PH. PN. SMS	76X38PPA
31	663/664	BUMPER SHIM (.030 OR .060)	41831
33	734	DOUBLE INTERLOCK (STD.), MONO.	69494
36	1007	GLAZING VINYL - 3/16	6T304
37		GLAZING VINYL - 1/4	614GLK
39		3/16" TEMPERED GLASS	
40		1/4" TEMPERED GLASS	
42	645	ADD-ON STILE (OXO ONLY)	69112
45	755	1/2 X 1 5/8 REINF. - ALUM	6755M
46	1214	1/2 X 1 1/4 REINF. - ALUM.	61214M
49	749	REINFORCEMENT SPRING CLIP	7BRKTM25
51	1040	MORTICE LOCK (DEAD LATCH)	71040
52	1040-2	MORTICE LOCK (DEAD LATCH) S.S.	71040X
53		CYLINDER/HOUSING ASSY. (MORTICE)	70288K
54	1016	#8 X .625 PH. FL. SMS	7858ZA
55	657	BACKING PLATE (MORTICE)	41830N
56	1045	MORTICE HANDLE SET	71045
57		COVER PLATE	7VT43
58	659	MORTICE LATCH KEEPER	7SDSP5X1
60	1239	3/16" APPLIED MUNTIN	68421
61	665	COLONIAL ENDPIECE	41628

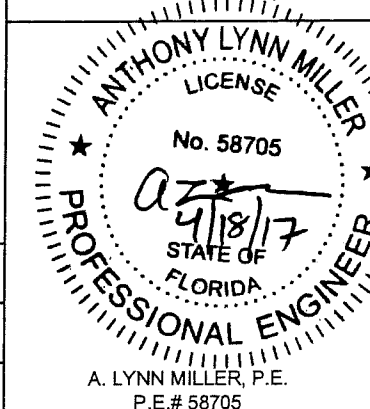
ITEM	PART #	DESCRIPTION	PGI#
62	522	COLONIAL INTERSECTION	41630
63	124	APPLIED COLONIAL MUNTIN	66631
64	1240	1/16 X 1 FLAT BAR	68926T52
66	754	TRACK CLIP GUIDE	41754B/W
67	756	TRACK CLIP COVER	6756B/W
68		#6 X 3/8 PP SMS (18-8 SS)	76X38PPAX
69	740	HOOK STRIP (P-HOOK)	63713
70	722A	HIGH-RISE TRACK ADAPTER	69371
71	702	2-TRACK HEAD	68179
72	703B	2-TRACK EXTERIOR SILL	6703B
73	704	2-TRACK JAMB	68180
74	637	2-TRACK INTERIOR SILL	68275
76	717	FIXED PANEL CLIP, TOP	7LA13A
77	717B	FIXED PANEL CLIP, BOTTOM	7717FPCA
78	646	FIXED PANEL BRACKET	41814
90	1136	#6 X 1/2 PP SMS	76X12A
101	736	LOCKSTILE, I.G. GLASS	60392
106	735	INTERLOCK (STD.) I.G. GLASS	60393
111	618	TOP RAIL, I.G. GLASS	69088
115	619	BOTTOM RAIL, I.G. GLASS	69089
121	737	ASTRAGAL, I.G. GLASS	60394
130		5/8" I.G. GLASS; 3/16" TEMPERED 1/4" SPACE, 3/16" TEMPERED	
131	1006	GLAZING VINYL - INSULATED GLASS	658GLK
134	745	DOUBLE INTERLOCK (STD.), I.G. GLASS	60551
201	629	1 - TRACK HEAD, POCKET DOOR	68176
202	628	1 - TRACK JAMB, POCKET DOOR	6628
203	666	OPT. SCREEN RAIL, POCKET DOOR	61394
204	627	1 - TRACK SILL, EXT. POCKET DOOR	68178M
208	631	3 - TRACK HEAD	68182
209	632	3 - TRACK JAMB	68183
210	633	3 - TRACK SILL, EXT. W/ SCREEN RAIL	68184M
211	613	ADD-ON TRACK HEAD	68187
212	614	ADD-ON TRACK FOR FRAME HEAD	68185
213	617	2 - TRACK FRAME JAMB, ADD-ON	68188
214	615	3 - TRACK SILL, ADD-ON	68189M
215	616	ADD-ON TRACK W/ SCREEN FOR SILL	68190M
216	634	ADD-ON HEAD	68186
217	635	ADD-ON SILL	68191M
218	638	LOW-RISE 2 - TRACK SILL, EXTERIOR	68952M
220	636	1 - TRACK SILL, INTERIOR	68274M
222	671	LOW-RISE 1 - TRACK SILL, EXTERIOR	60803M
225	732	HIGH-RISE TRACK ADAPTER	68313M

ITEMS # 5, 10, 14, 16, 22, 25, 32, 34, 35, 38, 41, 43, 44, 47, 48, 50, 59, 65, 75, 79-89, 91-105, 107-110, 112-114, 116-120, 122-129, 132, 133, 135-200, 205-207, 219, 221, 223 & 224 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.

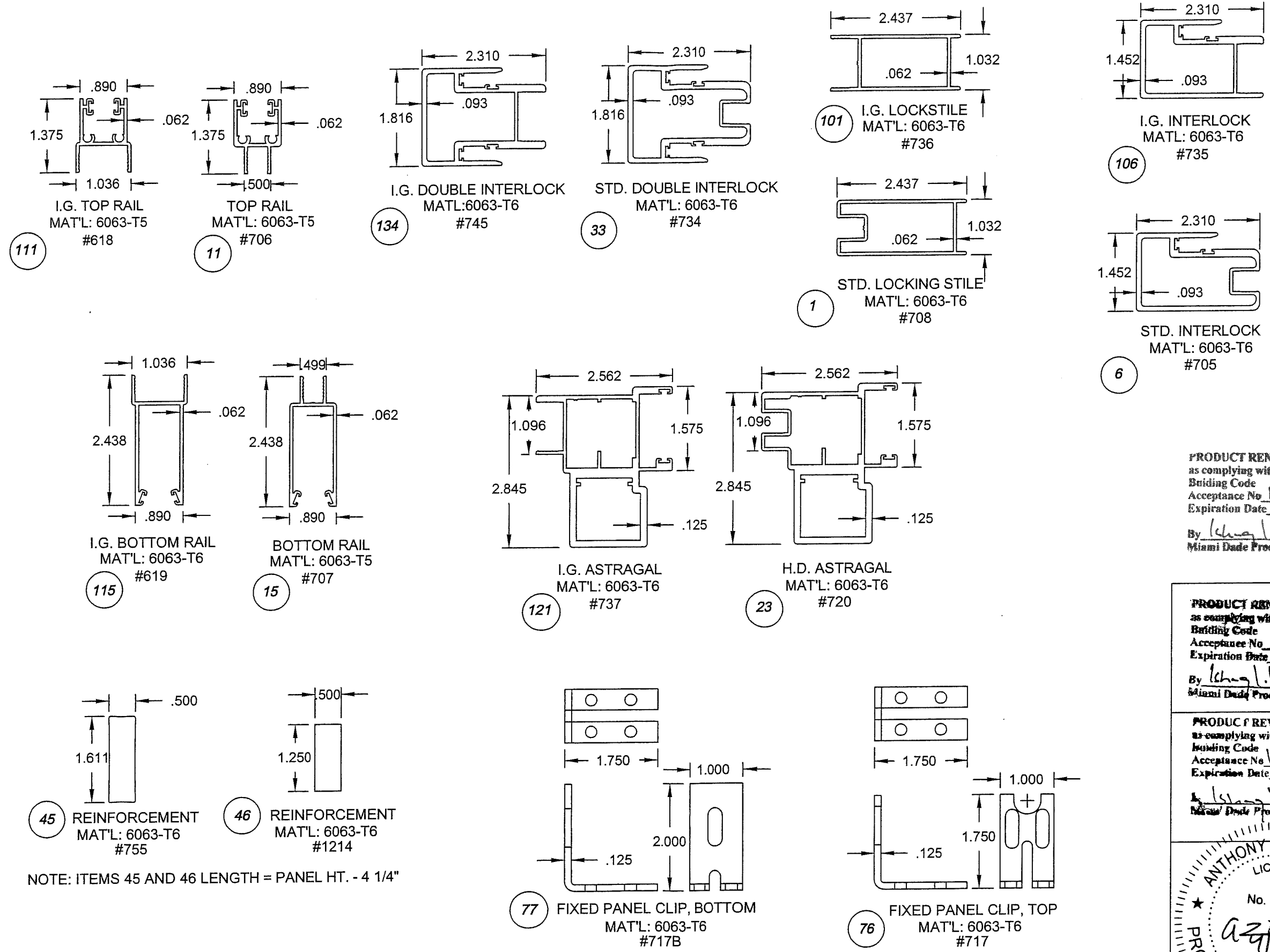
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.11
Expiration Date 5/22/2024
By Anthony L. Miller
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.05
Expiration Date 5/22/19
By Anthony L. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0420.05
Expiration Date 5/22/18
By Anthony L. Miller
Miami Dade Product Control



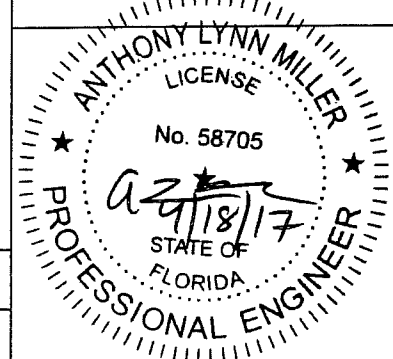
1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 CERT. OF AUTH. #29296 COPYRIGHT © 2017 PGI INDUSTRIES, INC. ALL RIGHTS RESERVED				Description: PARTS LISTS Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT Series/Model: SGD2500		Scale: NTS	Sheet: 10 of 16	Drawing No. 757	Rev: 0
Revisd By: JR	Date: 04/05/17	Revisions: 0	NO CHANGES THIS SHEET.						
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06						



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.11
Expiration Date 5/22/2024
By *Anthony L. Miller*
Miami Dade Product Control

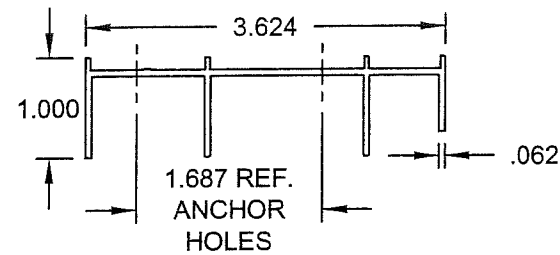
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.05
Expiration Date 5/22/19
By *Anthony L. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0420.05
Expiration Date 5/22/18
By *Anthony L. Miller*
Miami Dade Product Control

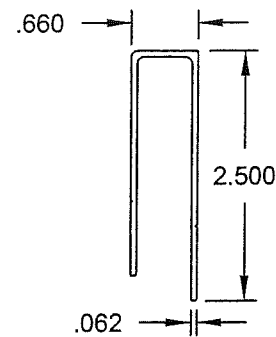


A. LYNN MILLER, P.E.
P.E.# 58705

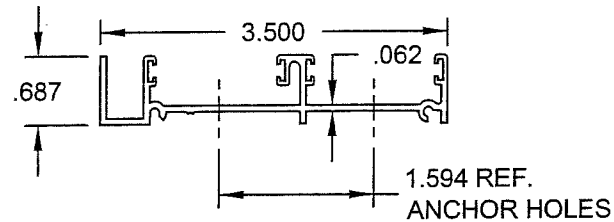
Revised By: JR	Date: 04/05/17	Revisions: O	NO CHANGES THIS SHEET.	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	PGT	Description: EXTRUSIONS, PANELS					Rev: O
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06	CERT. OF AUTH. #29296 COPYRIGHT © 2017 PGT INDUSTRIES, INC. ALL RIGHTS RESERVED		Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT	Series/Model: SGD2500	Scale: NTS	Sheet: 11 of 16	Drawing No. 757	



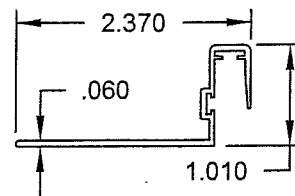
71 2 - TRACK HEAD
MAT'L: 6063-T6
#702



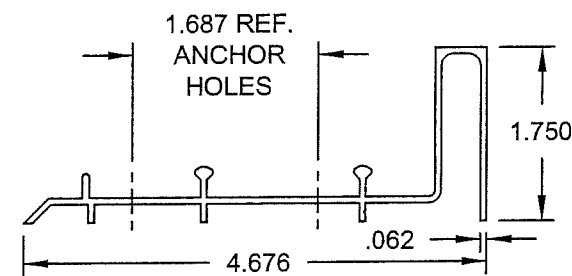
70 HI-RISE TRACK ADAPTER
MAT'L: 6063-T5
#722A



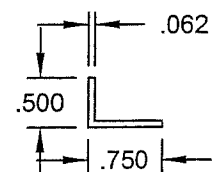
73 2 - TRACK JAMB
MAT'L: 6063-T6
#704



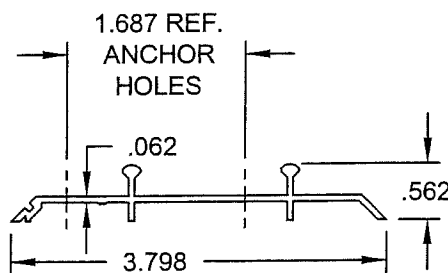
69 HOOKSTRIP
MAT'L: 6063-T5
#740



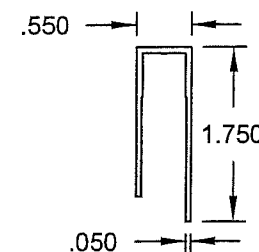
72 2 - TRACK EXTERIOR SILL
MAT'L: 6063-T6
#703B



203 OPTIONAL SCREEN
RAIL, POCKET
MAT'L: 6063-T5
#666



74 2 - TRACK INTERIOR SILL
MAT'L: 6063-T6
#637

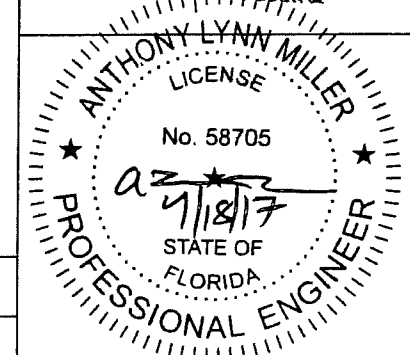


225 HI-RISE TRACK ADAPTER
MAT'L: 6063-T5
#732

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.11
Expiration Date 5/22/2024
By L. Lynn Miller
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.05
Expiration Date 5/22/19
By L. Lynn Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0420.05
Expiration Date 5/22/18
By L. Lynn Miller
Miami Dade Product Control



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

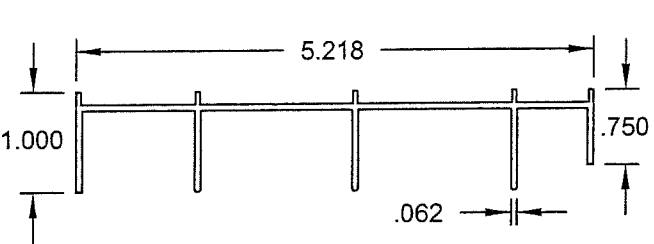
Revised By:	Date:	Revisions:	
JR	04/05/17	O	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED

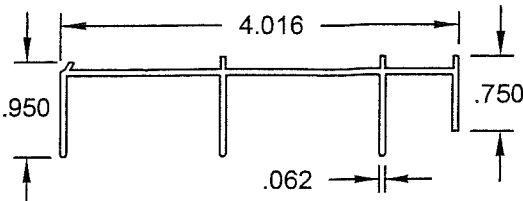


Description:	EXTRUSIONS, FRAME				
Title:	ALUM. SLIDING GLASS DOOR, NON-IMPACT				
Series/Model:	Scale:	Sheet:	Drawing No.	Rev.	
SGD2500	NTS	12 of 16	757	O	

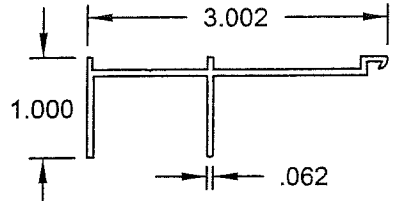
ADDED FRAME COMPONENTS



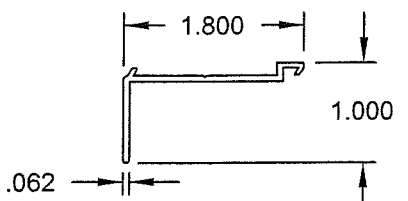
208 3 - TRACK HEAD
MAT'L: 6063-T6
#631



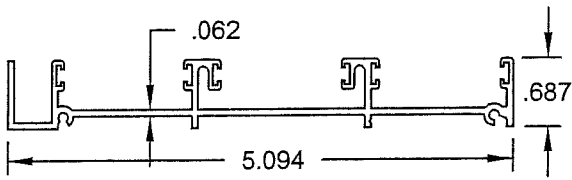
211 ADD-ON TRACK HEAD
MAT'L: 6063-T6
#613



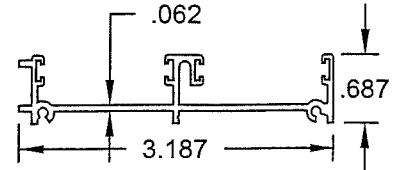
212 ADD-ON TRACK,
FOR FRAME HEAD
MAT'L: 6063-T6
#614



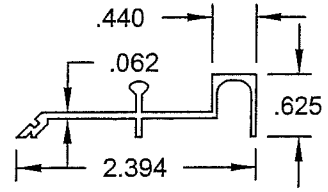
216 ADD-ON HEAD
MAT'L: 6063-T6
#634



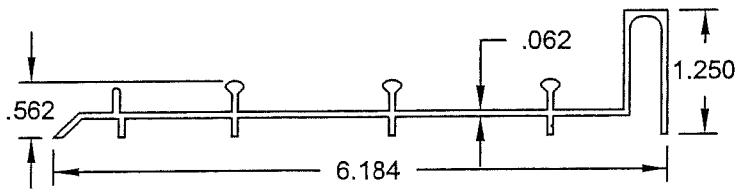
209 3 - TRACK JAMB
MAT'L: 6063-T6
#632



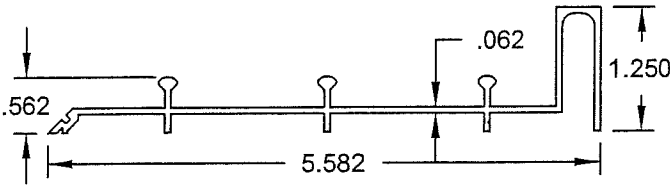
213 2 - TRACK FRAME,
JAMB ADD-ON
MAT'L: 6063-T6
#617



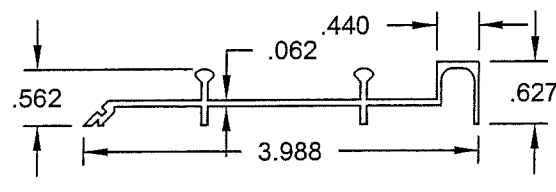
222 1 - TRACK SILL, LOW -RISE
EXTERIOR W/ ADD-ON
MAT'L: 6063-T6
#671



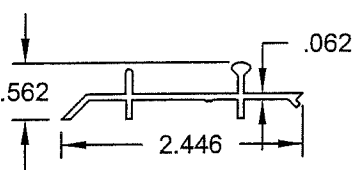
210 3 - TRACK SILL, EXTERIOR
W/ SCREEN RAIL
MAT'L: 6063-T6
#633



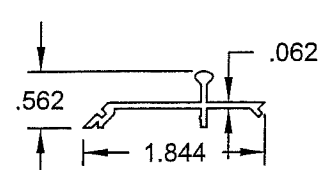
214 3 - TRACK ADD-ON SILL
MAT'L: 6063-T6
#615



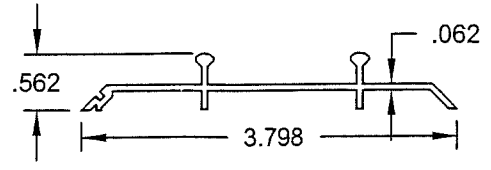
218 2 - TRACK SILL, LOW -RISE
EXTERIOR W/ ADD-ON
MAT'L: 6063-T6
#638



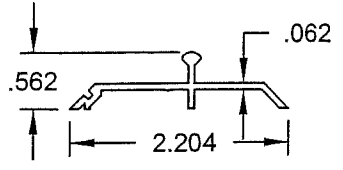
215 ADD-ON TRACK W/
SCREEN FOR FRAME SILL
MAT'L: 6063-T6
#616



217 1 - TRACK ADD-ON SILL
MAT'L: 6063-T6
#635



119 2 - TRACK SILL,
INTERIOR W/ ADD-ON
MAT'L: 6063-T6
#637

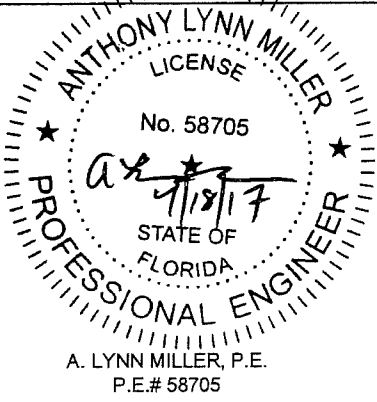


220 1 - TRACK SILL,
INTERIOR W/ ADD-ON
MAT'L: 6063-T6
#636

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.11
Expiration Date 5/22/2024
By *Shang L. Changle*
Miami Dade Product Control

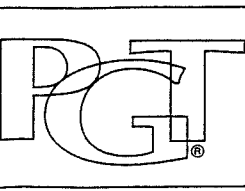
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.05
Expiration Date 5/22/19
By *Shang L. Changle*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0420.05
Expiration Date 5/22/18
By *Shang L. Changle*
Miami Dade Product Control



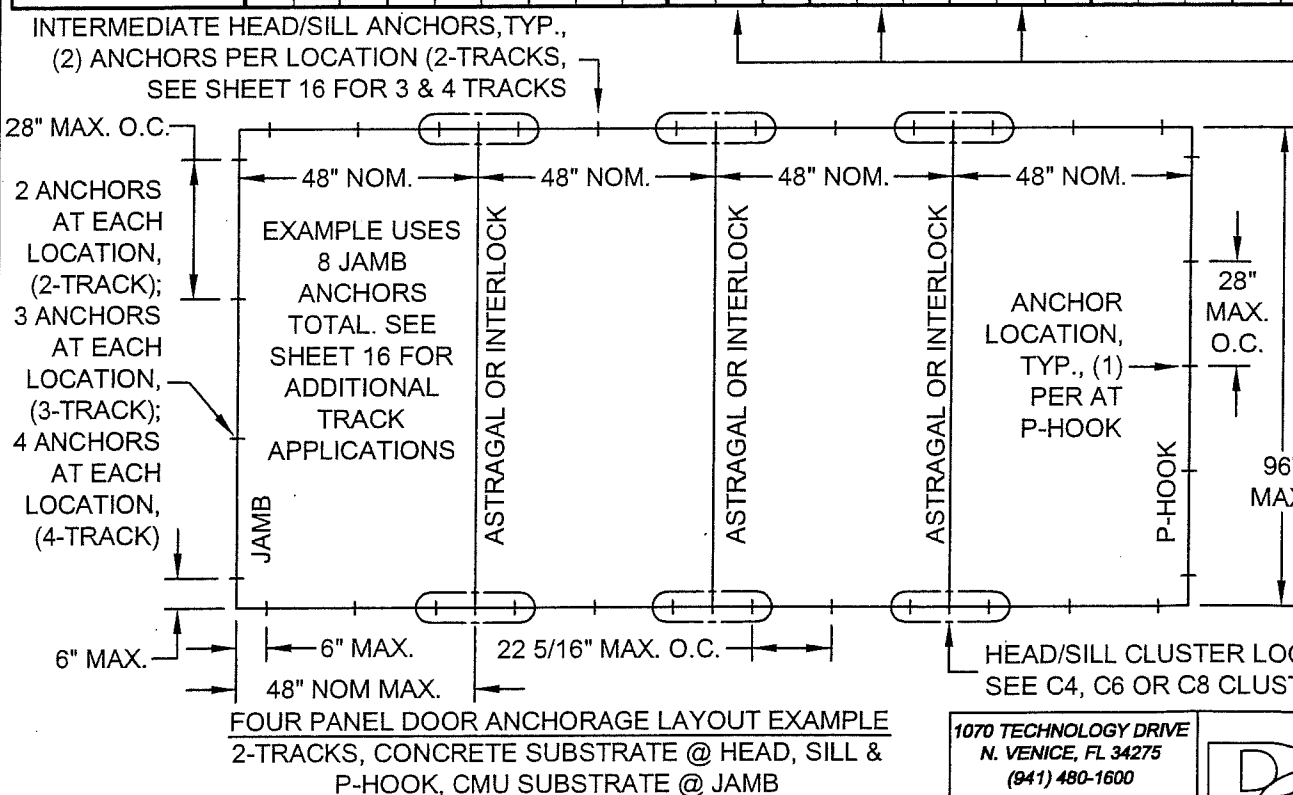
Revised By:	Date:	Revisions:	
JR	04/05/17	O	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04		

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



Description: EXTRUSIONS, FRAME (CONTINUED)			
Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT			
Series/Model:	Scale:	Sheet:	Drawing No.
SGD2500	NTS	13 of 16	757
Rev:			O

MINIMUM ANCHOR QUANTITIES										TABLE 4.									
DP TABLE REF. >		SHEET 2, TABLE 1.						SHEET 2, TABLE 2.						SHEET 3, TABLE 3.					
GLASS TYPE >		B,C OR D						B,C OR D						C OR D					
INTERLOCK & >		SSN (SEE NOTE 3)						SSR (SEE NOTE 3)						SDR (SEE NOTE 3)					
REINFORCEMENT >		HEAD & SILL CLUSTER		JAMB		P-HOOK		HEAD & SILL CLUSTER		JAMB		P-HOOK		HEAD & SILL CLUSTER		JAMB		P-HOOK	
ANCHOR TYPE & SUBSTRATE																			
NOM. PANEL WIDTH	x UNIT HT.	2 WD; 3 WD/AL		1 CONCRETE		2 CONCRETE		2 WD; 3 WD/AL		1 CONCRETE		2 CONCRETE		2 WD; 3 WD/AL		1 CONCRETE		2 CONCRETE	
		2 WD; 3 WD/AL	1 CONCRETE	2 CONCRETE	2 WD; 3 WD/AL	1 CONCRETE	2 CONCRETE	2 WD; 3 WD/AL	1 CONCRETE	2 CONCRETE	2 WD; 3 WD/AL	1 CONCRETE	2 CONCRETE	2 WD; 3 WD/AL	1 CONCRETE	2 CONCRETE	2 WD; 3 WD/AL	1 CONCRETE	2 CONCRETE
24.000	x 80.000	C6	C6	C6	8	8	8	5	5	4	C6	C6	C6	8	8	8	4	5	4
	84.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	4	5	4
	90.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	4	5	4
	96.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	4	5	4
30.000	x 80.000	C6	C6	C6	8	8	8	5	5	4	C6	C6	C6	8	8	8	5	5	4
	84.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	4
	90.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	4
	96.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	4
36.000	x 80.000	C6	C6	C6	8	8	8	5	5	5	C6	C6	C6	8	8	8	5	5	5
	84.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	5
	90.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	5
	96.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	5
42.000	x 80.000	C6	C6	C4	8	8	8	5	5	5	C6	C6	C4	8	8	8	5	5	4
	84.000	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5
	90.000	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5
	96.000	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5
48.000	x 80.000	C6	C6	C4	8	8	8	5	5	5	C4	C4	C4	8	8	8	4	4	4
	84.000	C4	C4	C4	8	8	8	4	4	4	C4	C4	C4	8	8	8	4	5	4
	90.000	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5
	96.000	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5



EXAMPLE SOLUTION

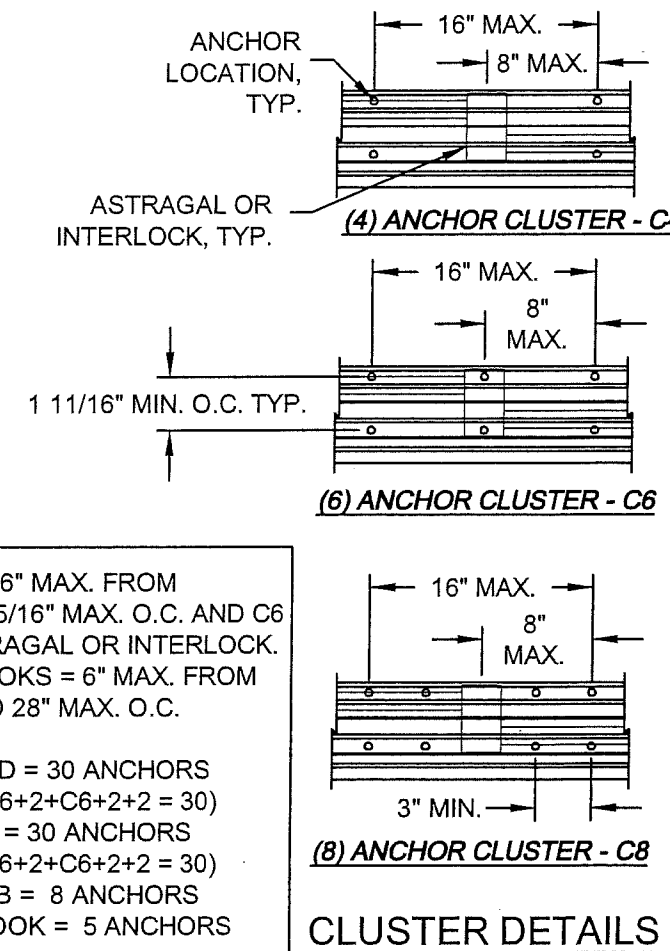
HEAD & SILL = 6" MAX. FROM CORNERS, 22 5/16" MAX. O.C. AND C6 AT EACH ASTRAGAL OR INTERLOCK. JAMBS & P-HOOKS = 6" MAX. FROM CORNERS AND 28" MAX. O.C.

TOTAL AT HEAD = 30 ANCHORS (2+2+C6+2+C6+2+C6+2+2 = 30)
TOTAL AT SILL = 30 ANCHORS (2+2+C6+2+C6+2+C6+2+2 = 30)
TOTAL AT JAMB = 8 ANCHORS
TOTAL AT P-HOOK = 5 ANCHORS

- NOTES:
- ANCHOR TYPES:
1) 1/4" ELCO ULTRACON 2) 1/4" ELCO SS4 CRETE-FLEX 3) #12 STEEL SCREW (G5)
 - GLASS TYPES: B - 3/16" TEMPERED C - 1/4" TEMPERED D - 5/8" TEMPERED I.G.
 - TABLE ABBREVIATIONS:
SSN - SINGLE/SINGLE WITH NO REINF. AT INTERLOCK & ASTRAGAL, (SHEET 6)
SSR - SINGLE/SINGLE WITH FULL REINF. AT INTERLOCK & ASTRAGAL, (SHEET 7)
SDR - SINGLE/DOUBLE WITH FULL REINF. AT INTERLOCK & ASTRAGAL, (SHEET 8)
WD - WOOD SUBSTRATE
AL - ALUMINUM SUBSTRATE
 - ANCHOR QUANTITIES BASED ON THE FOLLOWING SPACING:

JAMBS AND P-HOOKS SPACING - 6" MAX. FROM CORNERS AND 28" MAX. O.C.

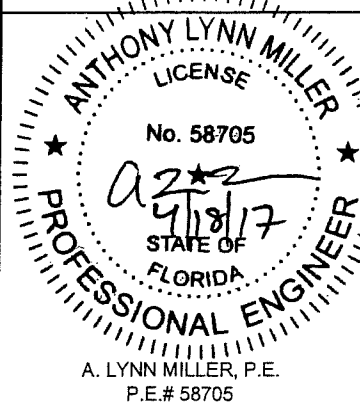
HEAD AND SILL SPACING - 6" MAX. FROM CORNERS AND 22 5/16" MAX. O.C.
 - INSTALL PER ANCHOR QUANTITIES OF TABLE 4, USING THE DIMENSIONAL CRITERIA OF NOTE 4. HEAD AND SILL CLUSTER ANCHORS ARE REQUIRED AT ASTRAGAL AND INTERLOCK LOCATIONS OF THEIR RESPECTIVE TRACK SECTIONS. SEE SHEET 16 FOR POTENTIAL ANCHOR LOCATIONS WITHIN HEAD, SILL AND JAMB TRACK SECTIONS.



PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 19-0219-11 Expiration Date 5/22/2024 By *Shay L. Chanh* Miami Dade Product Control

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 18-0207-05 Expiration Date 5/22/19 By *Shay L. Chanh* Miami Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 17-0420-05 Expiration Date 5/22/18 By *Shay L. Chanh* Miami Dade Product Control

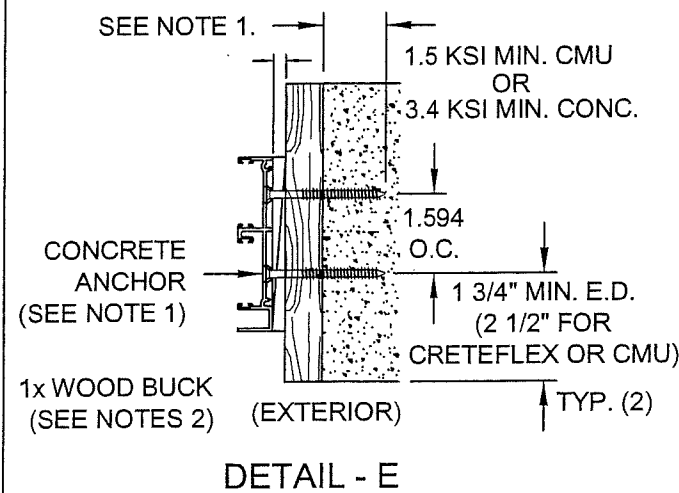
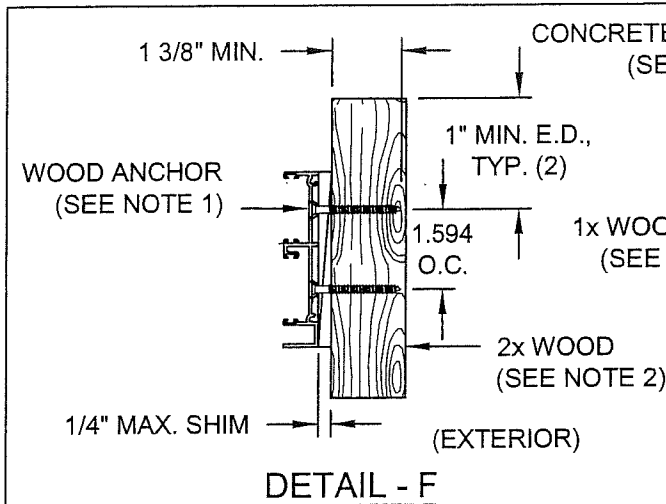


Revised By: JR	Date: 04/05/17	Revisions: O	NO CHANGES THIS SHEET.
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

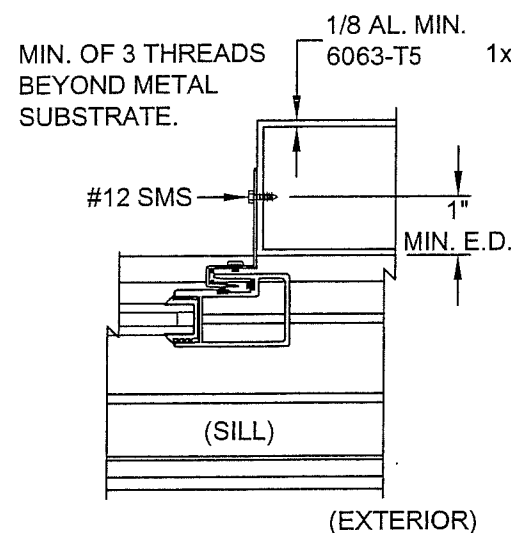
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



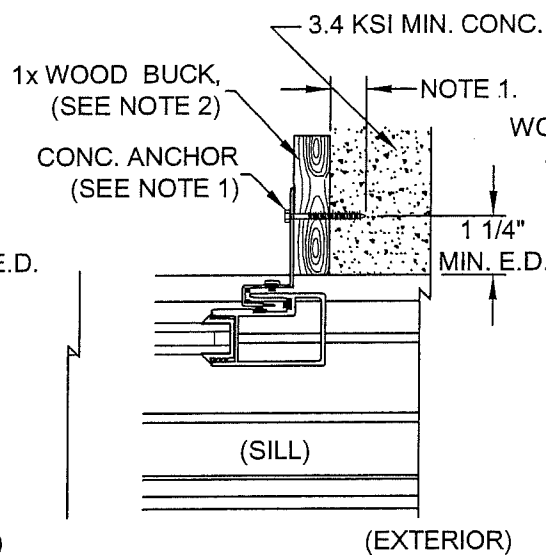
Description: ANCHORAGE SPACING		Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT	
Series/Model: SGD2500	Scale: NTS	Sheet: 14 of 16	Drawing No. 757
Rev:		O	



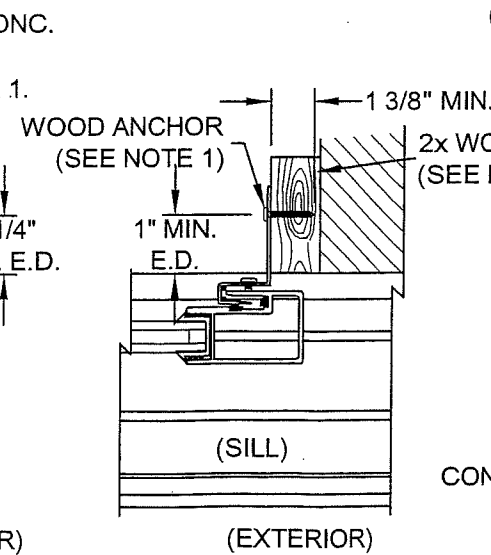
TYPICAL FRAME JAMB INSTALLATIONS



DETAIL - G



DETAIL - H



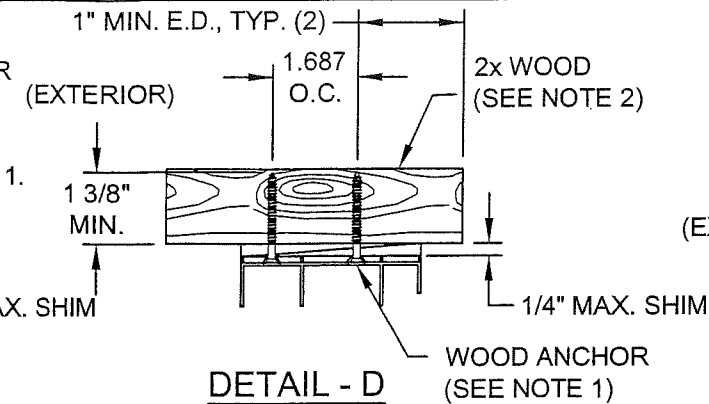
DETAIL - I

TYPICAL POCKET P-HOOK INSTALLATIONS

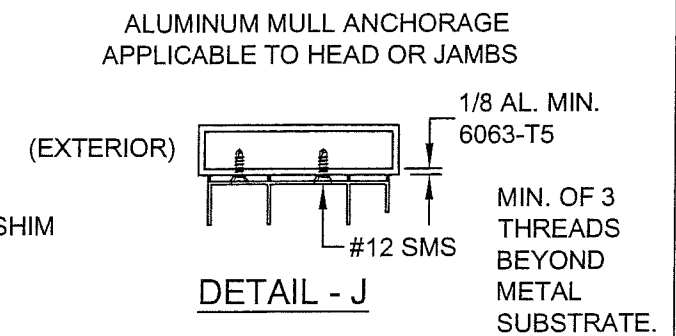
NOTES:

1. FOR CONCRETE INSTALLATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ELCO 1/4" ULTRACONS OR 1/4" SS4 CRETE-FLEX EMBEDDED 1 3/4" MIN. THE MINIMUM DISTANCE FROM CENTER OF ANCHOR TO CONCRETE EDGE IS 1 3/4" (2 1/2" FOR CRETEFLEX OR CMU). FOR WOOD INSTALLATIONS USE #12 SCREWS OR ELCO 1/4" SS4 CRETE-FLEX ANCHORS EMBEDDED 1 3/8" MIN.
2. WOOD BUCKS DEPICTED IN THE SECTIONS ON THIS PAGE AS 1x ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1 1/2". WOOD BUCKS DEPICTED AS 2x ARE 1 1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE OR CMU.
3. FOR ATTACHMENT TO ALUMINUM: THE MATERIAL SHALL BE A MINIMUM STRENGTH OF 6063-T5 AND A MINIMUM OF 1/8" THICK. THE ALUMINUM STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE DOOR FRAME SIMILAR TO THAT SHOWN IN DETAILS B, D AND F ABOVE FOR 2x WOOD BUCKS. THE ANCHOR SHALL BE A #12 SHEET METAL SCREW WITH FULL ENGAGEMENT INTO THE ALUMINUM (SEE DETAIL J). IF THESE CRITERIA ARE MET THE PRESSURES AND ANCHORAGE SPACING FOR #12 SCREWS SHOWN IN THIS NOA MAY BE USED.
4. IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT (3350 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.

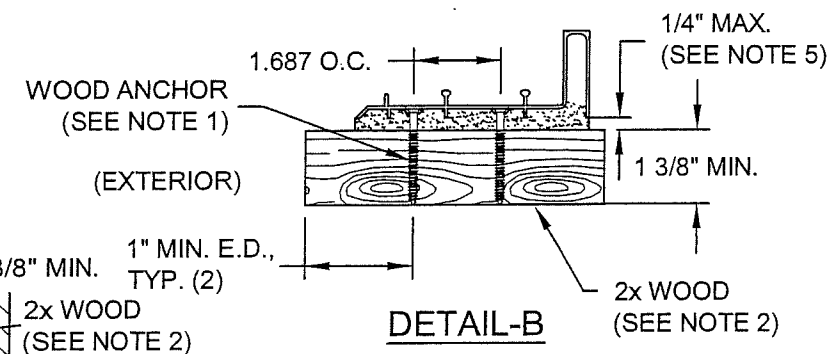
TYPICAL FRAME HEAD INSTALLATIONS



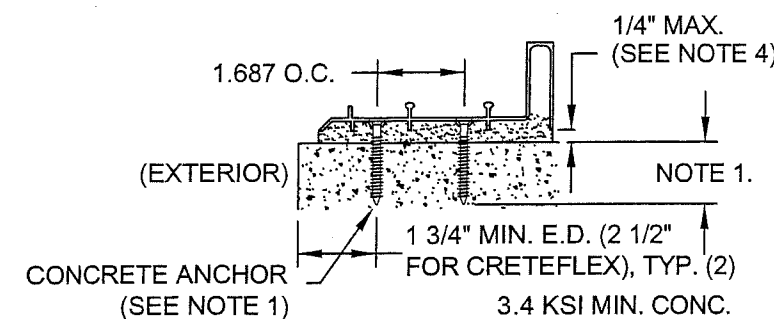
DETAIL - D



DETAIL - J



DETAIL - B



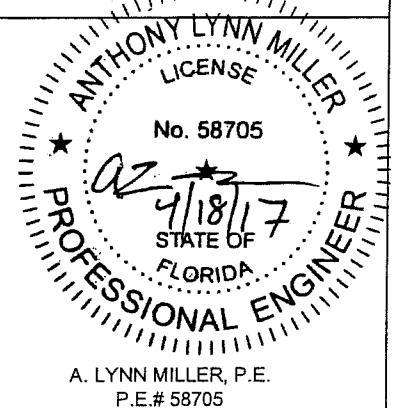
DETAIL - A

TYPICAL FRAME SILL INSTALLATIONS

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219-11
Expiration Date 5/22/2024
By *Ismael L. Llanusa*
Miami Dade Product Control

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207-05
Expiration Date 5/22/19
By *Ismael L. Llanusa*
Miami Dade Product Control

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 17-0420-05
Expiration Date 5/22/18
By *Ismael L. Llanusa*
Miami Dade Product Control

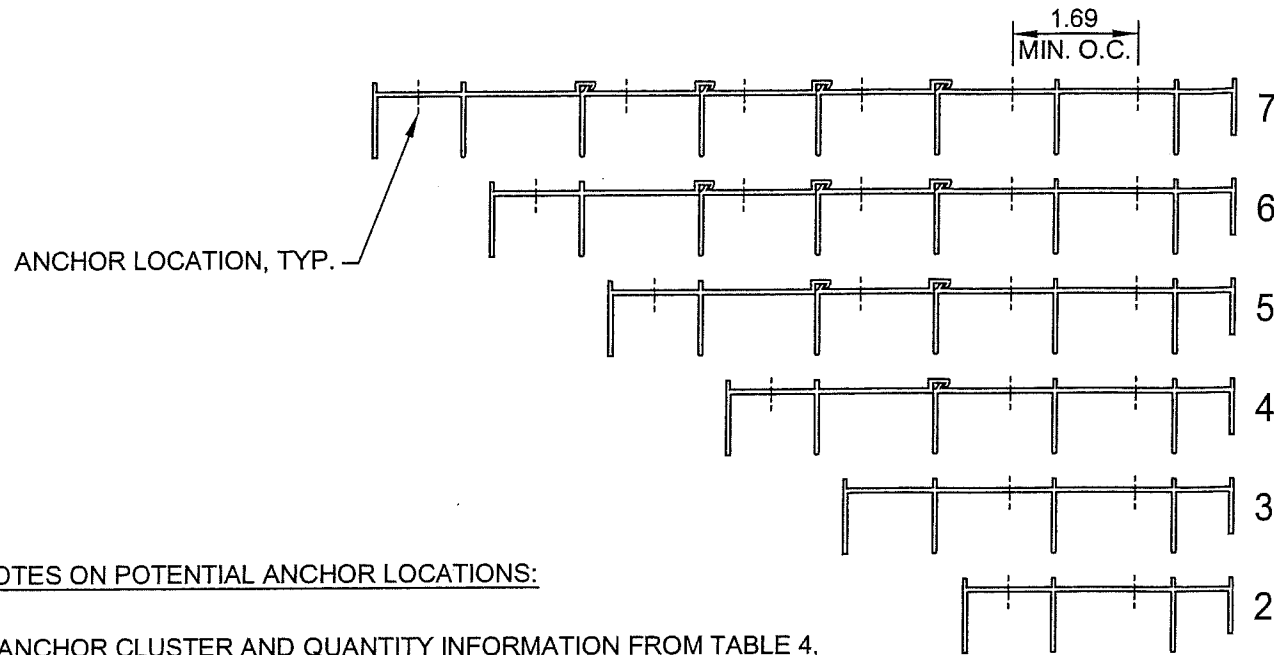


Revised By:	Date:	Revisions:	
JR	04/05/17	O	ADDED ALUM. TO DETAIL G.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



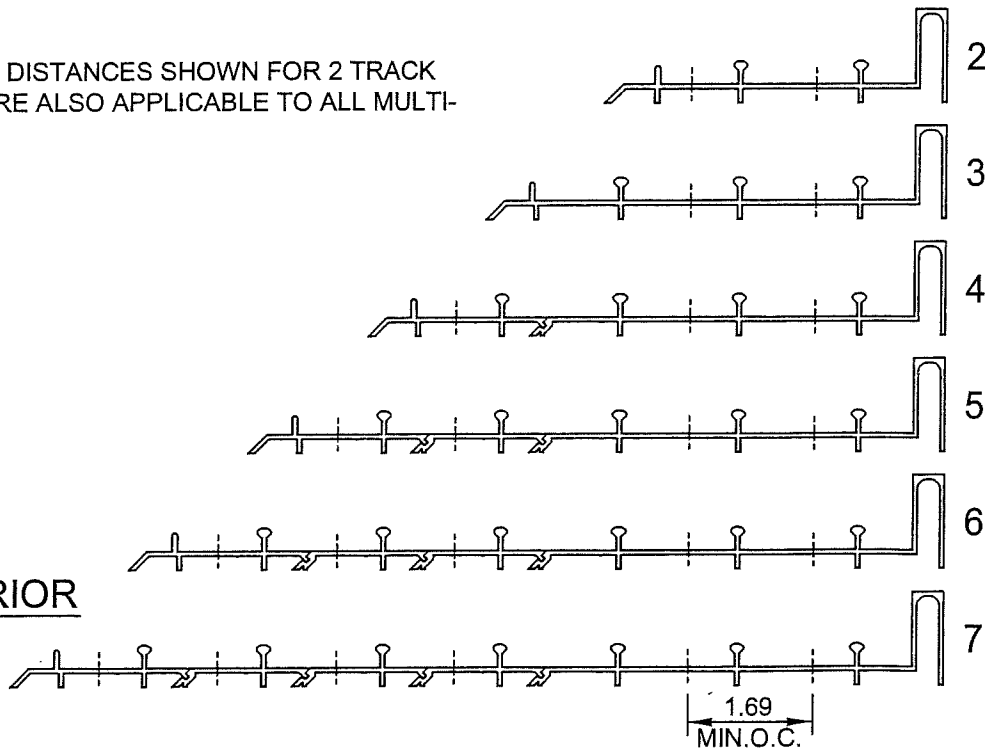
Description:	ANCHORAGE DETAILS				
Title:	ALUM. SLIDING GLASS DOOR, NON-IMPACT				
Series/Model:	Scale:	Sheet:	Drawing No.	Rev:	
SGD2500	1/4	15 of 16	757	O	



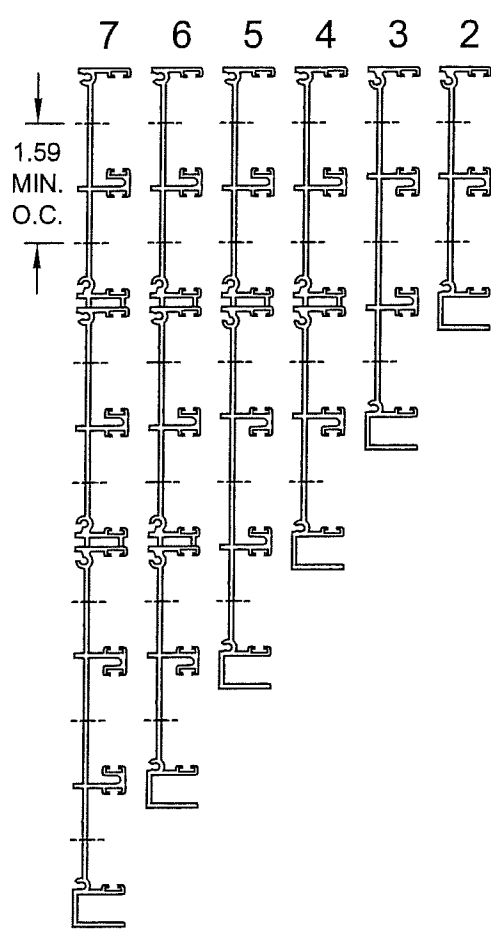
NOTES ON POTENTIAL ANCHOR LOCATIONS:

1. ANCHOR CLUSTER AND QUANTITY INFORMATION FROM TABLE 4, SHEET 14, APPLIES AS THE MINIMUM REQUIREMENT FOR ALL TRACK CONFIGURATIONS. ANCHORS MAY BE STAGGERED WITHIN TRACK SECTIONS EXCEPT THAT THE ASTRAGAL AND INTERLOCK CLUSTERS MUST BE LOCATED IN THE TRACK ON WHICH ASTRAGAL AND/OR INTRLOCKS ARE POSITIONED WHEN THE DOOR(S) ARE IN THE CLOSED AND LOCKED POSTION. MINIMUM ON-CENTER DIMENSIONS FOR ANCHORS ARE 1.69" AT HEAD AND SILL AND 1.59" FOR JAMBS.
2. EMBEDMENT AND EDGE DISTANCES SHOWN FOR 2 TRACK FRAMES ON SHEET 15 ARE ALSO APPLICABLE TO ALL MULTI-TRACK SECTIONS.

HEAD/SILL EXTERIOR



JAMB INTERIOR



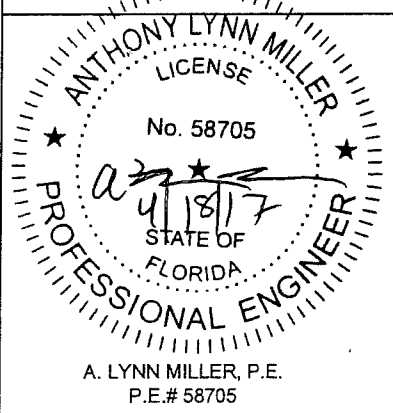
JAMB EXTERIOR

HEAD/SILL INTERIOR

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 19-0219-11
 Expiration Date MAY 22, 2024
 By *Ishay I. Chaudhary*
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 18-0207-05
 Expiration Date MAY 22, 2019
 By *Ishay I. Chaudhary*
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-0420-05
 Expiration Date MAY 22, 2018
 By *Ishay I. Chaudhary*
 Miami Dade Product Control



Revised By: JR	Date: 04/05/17	Revisions: O	NO CHANGES THIS SHEET.
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

1070 TECHNOLOGY DRIVE
 N. VENICE, FL 34275
 (941) 480-1600
 CERT. OF AUTH. #29296
 COPYRIGHT © 2017
 PGT INDUSTRIES, INC.
 ALL RIGHTS RESERVED



Description: FRAME, POTENTIAL ANCHOR LOCATIONS				
Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT				
Series/Model: SGD2500	Scale: 1/4	Sheet: 16 of 16	Drawing No. 757	Rev. O