



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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

www.miamidade.gov/economy

PGT Industries, Inc.
1070 Technology Drive
North Venice, FL 34275

SCOPE:

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

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

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

DESCRIPTION: Series "SGD-2500 Dry-Glazed" Aluminum Horizontal Sliding Window - N. I.

APPROVAL DOCUMENT: Drawing No. 757-1, titled "Alum. Sliding Glass Window, Non-Impact", sheets 1 through 18 of 18, dated 09/08/04, with revision M dated 04/05/17, prepared by manufacturer, signed and sealed by Anthony 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 are required.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA# 18-0207.06** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY
APPROVED

NOA No. 19-0219.12
Expiration Date: May 22, 2024
Approval Date: March 14, 2019
Page 1

3/16/19

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

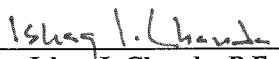
1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 07-0403.01, 04-1220.05, 02-0701.03 & 96-1023.03)
2. Drawing No. **757-1**, titled "Alum. Sliding Glass Window, Non-Impact", sheets 1 through 18 of 18, dated 09/08/04, with revision **M** dated 04/05/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of a dry-glazed aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5095**, dated 12/13/06, signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 07-0403.01)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of a dry-glazed aluminum sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-3117, FTL-3102, FTL-3596, FTL-4341, FTL-4273, FTL-4275, FTL-4277, FTL-4278, FTL-4280 and FTL-4285**, dated 07/23-22-26/04 9/19-28/04, all signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 04-1220.05)
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of a dry-glazed aluminum sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-3102 and FTL-3116**, dated 06/18-19/01 signed and sealed by Edmundo J. Largaespada, P.E. *(Submitted under NOA No. 02-1701.03)*


Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0219.12
Expiration Date: May 22, 2024
Approval Date: March 14, 2019

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (CONTINUED)

4. Test reports on: 1) Air Infiltration Test, per SBC, PA 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of a dry-glazed aluminum sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-1381**, dated 09/16/96 signed and sealed by Gilbert Diamond, P.E.
(Submitted under NOA No. 96-1023.03)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying **FBC 5th Edition (2014) and FBC 6th Edition (2017)**, dated 04/18/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Glazing complies with **ASTM E1300-09**

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, complying with **FBC 5th Edition (2014) and FBC 6th Edition (2017)**, dated 08/03/17, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest, dated 04/18/17, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
3. Laboratory compliance letter for Test Report No. **FTL-5095**, issued by Fenestration Testing Laboratory, Inc., dated 12/13/06, signed and sealed by Edmundo J. Largaespada, P.E. *(Submitted under NOA No. 07-0403.01)*
4. Laboratory compliance letter for Test Reports No. **FTL-3117, FTL-3102, FTL-3596, FTL-4341, FTL-4273, FTL-4275, FTL-4277, FTL-4278, FTL-4280 and FTL-4285**, issued by Fenestration Testing Laboratory, Inc., dated 09/28/04, all signed and sealed by Edmundo J. Largaespada, P.E. *(Submitted under NOA No. 04-1220.05)*.
5. Laboratory compliance letter for Test Reports No. **FTL-3102 and FTL-3116**, issued by Fenestration Testing Laboratory, Inc., dated 06/19/01, all signed and sealed by Luis Figueredo, P.E. *(Submitted under NOA No. 02-0701.03)*



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0219.12
Expiration Date: May 22, 2024
Approval Date: March 15, 2019

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

6. Laboratory compliance letter for Test Report No. **FTL-1381**, issued by Fenestration Testing Laboratory, Inc., dated 09/16/96, signed and sealed by Gilbert diamond, P.E. *(Submitted under NOA No. 96-0701.03)*

G. OTHERS

1. Notice of Acceptance No. **15-0609.09**, issued to PGT Industries for their Series "SGD-2500 Dry-Glazed" Aluminum Horizontal Sliding Window - N.I." approved on 08/20/15 and expiring on 05/22/18.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVALS

A. DRAWINGS

1. None.

B. TESTS

1. None

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

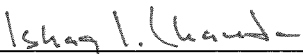
1. None.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, dated February 06, 2019, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest, dated February 06, 2019, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

G. OTHERS

1. Notice of Acceptance No. **17-0420.15**, issued to PGT Industries, Inc. for their Series "SGD-2500 Dry-Glazed" Aluminum Horizontal Sliding Window - N.I. approved on 08/31/17 and expiring on 05/22/18.
2. One year approval, subjected to successful verification test.



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0219.12
Expiration Date: May 22, 2024
Approval Date: March 14, 2019

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **757-1**, titled "Alum. Sliding Glass Window, Non-Impact", sheets 1 through 18 of 18, dated 09/08/04, with revision **M** dated 04/05/17, prepared by manufacturer, signed and sealed by Anthony 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 #18-0207.06)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

2. None.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)** and no financial interest, dated February 12, 298, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

G. OTHERS

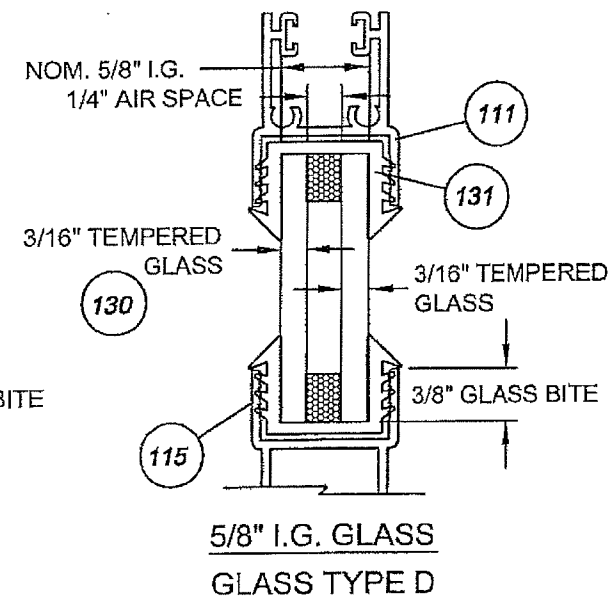
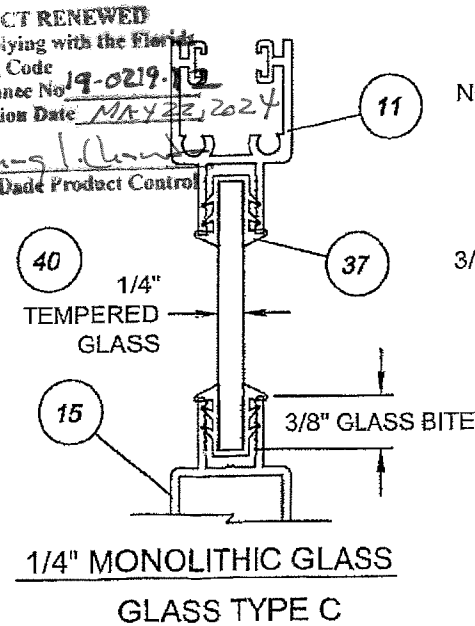
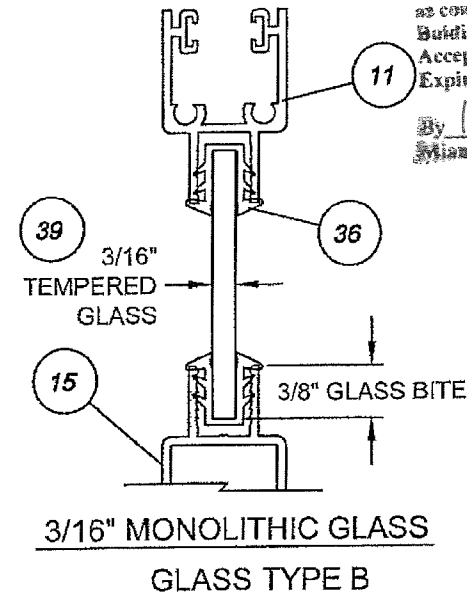
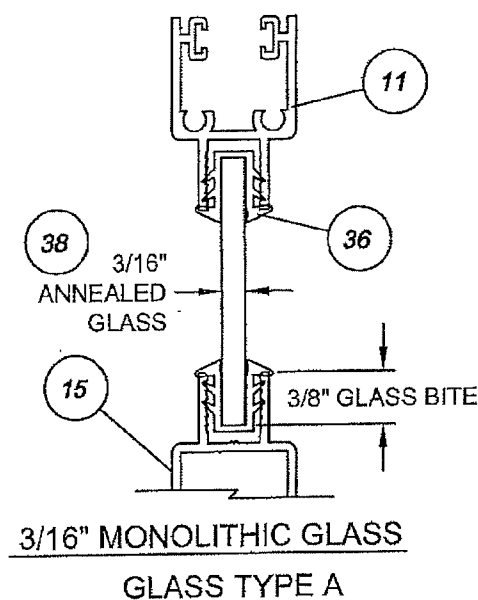
1. Notice of Acceptance No. **18-0207.06**, issued to PGT Industries, Inc. for their Series "SGD-2500 Dry-Glazed" Aluminum Horizontal Sliding Window - N.I. approved on 08/31/17 and expiring on 05/22/24.



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0219.12
Expiration Date: May 22, 2024
Approval Date: March 14, 2019

**SERIES 2500, NON-IMPACT RESISTANT
SLIDING GLASS WINDOW**

1. GLAZING OPTIONS:
A. 3/16" ANNEALED GLASS. 60" HIGH COUNTER TOP APPLICATION ONLY, TEST REPORT FTL-4278.
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 4.
3. DESIGN PRESSURES: SEE TABLES 1-3 ON SHEETS 2 AND 3.
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 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 15 - 18.
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).
10. METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.



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"
3	#12 Steel SMS (Gr. 5)	Jamb	Southern Pine (SG = 0.55) / 6063-T5 Aluminum	1"	1.594"	1-3/8"
		Head / Sill		1"	1.687"	1-3/8" / 1/8"
		P-hook		1"	1"	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

CODES / STANDARDS USED:

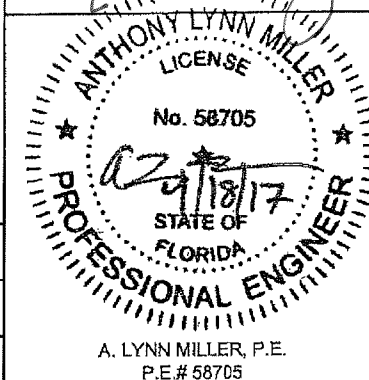
- 2017 FLORIDA BUILDING CODE (FBC), 8TH EDITION
- 2014 FLORIDA BUILDING CODE (FBC), 5TH EDITION
- ASTM E1300-04
- ANSI/AF&PA NDS-2015 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2015
- AISI S100-12
- AISC 360-10

GENERAL NOTES.....	1
GLAZING DETAILS.....	1
DESIGN PRESSURES.....	2-3
CONFIGURATIONS.....	4
ELEVATIONS.....	5
VERT. SECTIONS.....	6
HORIZ. SECTIONS.....	7-9
"X" & "O" CLIP INSTALL....	10
PARTS LIST.....	11
EXTRUSIONS.....	12-14
ANCHORAGE.....	15-18

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

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 18-0207.06
Expiration Date May 22, 2019
By Miami Dade Product Control



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

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



Description: NOTES, GLAZING DETAILS & MAP			
Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT			
Series/Model: SGD2500	Scale: NTS	Sheet: 1 of 18	Drawing No. 757-1
Rev: M			

COMPARATIVE ANALYSIS:

>EXTENDED SILL, 2 1/2" HIGH

>SINGLE/SINGLE INTERLOCK

>NO REINFORCEMENT (SEE SECTIONS SHEET 7)

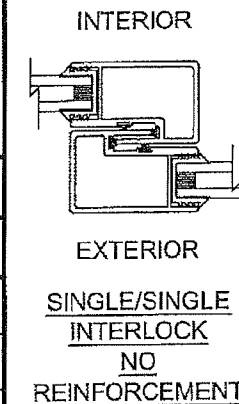
A. FTL-4278; 3/16" ANNEALED (60" HIGH MAX.)

B. FTL-4277; 3/16" OR 1/4" TEMPERED

D. FTL-4280; 5/8" TEMPERED I.G. (3/16"T, 1/4"SPACE, 3/16"T)

TABLE 1.

NOM. PANEL WIDTH	GLASS	OVER-ALL UNIT HEIGHT													
		36" (3 ⁰)		42" (3 ⁶)		48" (4 ⁰)		54" (4 ⁶)		60" (5 ⁰)		72" (6 ⁰)		80" (6 ⁸)	
24" (2 ⁰)	A	+65.0	-123.0	+65.0	-94.7	+65.0	-86.2	+65.0	-80.9	+65.0	-76.2				
	B	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-112.0	+65.0	-98.8
	D	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-121.3	+65.0	-107.1
30" (2 ⁶)	A	+65.0	-93.5	+65.0	-84.1	+65.0	-73.6	+62.5	-62.5	+55.6	-55.6				
	B	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-119.5	+65.0	-94.3	+65.0	-82.7
	D	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-129.4	+65.0	-102.2	+65.0	-89.6
36" (3 ⁰)	A	+65.0	-86.8	+65.0	-77.4	+65.0	-67.4	+58.7	-58.7	+51.1	-51.1				
	B	+65.0	-106.7	+65.0	-106.7	+65.0	-106.7	+65.0	-106.7	+65.0	-106.7	+65.0	-83.0	+65.0	-72.3
	D	+65.0	-115.6	+65.0	-115.6	+65.0	-115.6	+65.0	-115.6	+65.0	-115.6	+65.0	-89.9	+65.0	-78.3
42" (3 ⁶)	A	+65.0	-77.0	+65.0	-70.3	+61.5	-61.5	+55.4	-55.4	+49.4	-49.4				
	B	+65.0	-80.0	+65.0	-78.4	+65.0	-78.4	+65.0	-78.4	+65.0	-78.4	+65.0	-75.3	+65.0	-65.1
	D	+65.0	-86.7	+65.0	-84.9	+65.0	-84.9	+65.0	-84.9	+65.0	-84.9	+65.0	-81.6	+65.0	-70.5
48" (4 ⁰)	A	+65.0	-67.0	+61.7	-61.7	+56.7	-56.7	+50.8	-50.8	+46.7	-46.7				
	B	+64.0	-64.0	+61.0	-61.0	+60.0	-60.0	+60.0	-60.0	+60.0	-60.0	+60.0	-60.0	+60.0	-60.0
	D	+65.0	-69.3	+65.0	-66.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0

SINGLE/SINGLE
INTERLOCK
NO
REINFORCEMENT

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

NOTES:

- 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.
- INTERIOR SILL IS USED WHERE WATER RESISTANCE IS NOT REQUIRED, IN WHICH CASE POSITIVE DESIGN PRESSURE EQUALS THE NEGATIVE DESIGN PRESSURE SHOWN IN THIS TABLE FOR THE RESPECTIVE SIZE.
- OPERABLE WINDOWS MUST MEET MINIMUM EGRESS/ESCAPE REQUIREMENTS PER THE FBC.

Revised By: JR Date: 04/05/17 Revisions: M 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: DESIGN PRESSURES, NO REINFORCEMENT
Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT
Series/Model: SGD2500 Scale: NTS Sheet: 2 of 18 Drawing No. 757-1 Rev: M

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.12
Expiration Date 5/22/24
By: Ishag I. Chahine
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By: [Signature]
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.06
Expiration Date 12/24/2019
By: Manuel Perez
Miami Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
09/18/17
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

COMPARATIVE ANALYSIS:

>EXTENDED SILL, 2 1/2" HIGH

>SINGLE/SINGLE INTERLOCK

>FULL REINFORCEMENT (SEE SECTIONS SHEET 8)

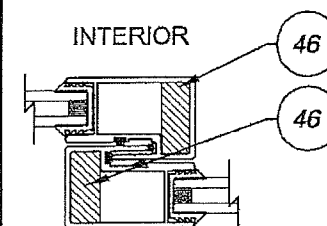
GLASS TYPE:

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)

TABLE 2.

NOM. PANEL WIDTH	GLASS	OVER-ALL UNIT HEIGHT													
		36" (3 ⁰)		42" (3 ⁶)		48" (4 ⁰)		54" (4 ⁶)		60" (5 ⁰)		72" (6 ⁰)		80" (6 ⁶)	
24" (2 ⁰)	B	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-120.0	+65.0	-105.9
	D	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-120.0	+65.0	-105.9
30" (2 ⁶)	B	+65.0	-128.0	+65.0	-128.0	+65.0	-128.0	+65.0	-128.0	+65.0	-128.0	+65.0	-101.1	+65.0	-88.6
	D	+65.0	-128.0	+65.0	-128.0	+65.0	-128.0	+65.0	-128.0	+65.0	-128.0	+65.0	-101.1	+65.0	-88.6
36" (3 ⁰)	B	+65.0	-88.9	+65.0	-88.9	+65.0	-88.9	+65.0	-88.9	+65.0	-88.9	+65.0	-88.9	+65.0	-77.4
	D	+65.0	-88.9	+65.0	-88.9	+65.0	-88.9	+65.0	-88.9	+65.0	-88.9	+65.0	-88.9	+65.0	-77.4
42" (3 ⁶)	B	+65.0	-66.7	+65.0	-65.3	+65.0	-65.3	+65.0	-65.3	+65.0	-65.3	+65.0	-65.3	+65.0	-65.3
	D	+65.0	-66.7	+65.0	-65.3	+65.0	-65.3	+65.0	-65.3	+65.0	-65.3	+65.0	-65.3	+65.0	-65.3
48" (4 ⁰)	B	+53.3	-53.3	+50.8	-50.8	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
	D	+53.3	-53.3	+50.8	-50.8	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0



EXTERIOR

SINGLE/SINGLE
INTERLOCK
REINFORCED

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

COMPARATIVE ANALYSIS:

>EXTENDED SILL, 2 1/2" HIGH

>SINGLE/DOUBLE INTERLOCK (OUTSIDE) D. FTL-4273 & FTL-4275; 5/8" TEMPERED I.G. (3/16"T, 1/4"SPACE, 3/16"T)

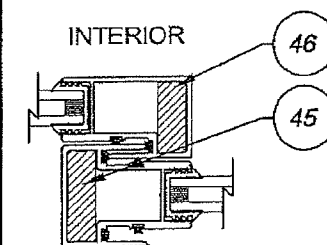
>FULL REINFORCEMENT (SEE SECTIONS SHEET 9)

GLASS TYPE:

C. FTL-3102; 1/4" TEMPERED

TABLE 3.

NOM. PANEL WIDTH	GLASS	OVER-ALL UNIT HEIGHT													
		36" (3 ⁰)		42" (3 ⁶)		48" (4 ⁰)		54" (4 ⁶)		60" (5 ⁰)		72" (6 ⁰)		80" (6 ⁶)	
24" (2 ⁰)	C	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-127.1
	D	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0
30" (2 ⁶)	C	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-121.3	+65.0	-106.3
	D	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-130.0	+65.0	-115.2
36" (3 ⁰)	C	+65.0	-106.7	+65.0	-106.7	+65.0	-106.7	+65.0	-106.7	+65.0	-106.7	+65.0	-106.7	+65.0	-92.9
	D	+65.0	-115.6	+65.0	-115.6	+65.0	-115.6	+65.0	-115.6	+65.0	-115.6	+65.0	-115.6	+65.0	-100.6
42" (3 ⁶)	C	+65.0	-80.0	+65.0	-78.4	+65.0	-78.4	+65.0	-78.4	+65.0	-78.4	+65.0	-78.4	+65.0	-78.4
	D	+65.0	-86.7	+65.0	-84.9	+65.0	-84.9	+65.0	-84.9	+65.0	-84.9	+65.0	-84.9	+65.0	-84.9
48" (4 ⁰)	C	+64.0	-64.0	+61.0	-61.0	+60.0	-60.0	+60.0	-60.0	+60.0	-60.0	+60.0	-60.0	+60.0	-60.0
	D	+65.0	-69.3	+65.0	-66.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0



EXTERIOR

SINGLE/DOUBLE
INTERLOCK
REINFORCED

PRODUCT RENEWED

as complying with the Florida

Building Code

Acceptance No. 19-6219-12

Expiration Date 5/22/24

By [Signature]

Miami Dade Product Control

PRODUCT REVISED

as complying with the Florida

Building Code

NOA-No. 17-0420.15

Expiration Date 05/22/2018

By [Signature]

Miami Dade Product Control

PRODUCT RENEWED

as complying with the Florida

Building Code

Acceptance No. 18-0207-06

Expiration Date May 22, 2019

By [Signature]

Miami Dade Product Control

- 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 THIS TABLE FOR THE RESPECTIVE SIZE.
3. OPERABLE WINDOWS MUST MEET THE MINIMUM EGRESS/ESCAPE REQUIREMENTS PER THE FBC.

Revised By:	Date:	Revisions:	
JR	04/05/17	M	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
PCT INDUSTRIES, INC.
ALL RIGHTS RESERVED

Description:

DESIGN PRESSURES, REINFORCED

Title:

ALUM. SLIDING GLASS WINDOW, NON-IMPACT

Series/Model:

SGD2500

Scale:

NTS

Sheet:

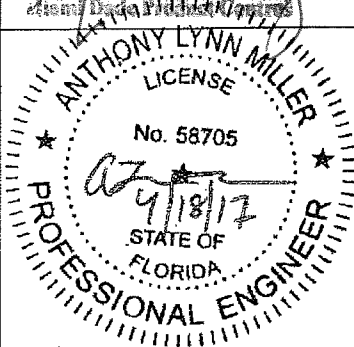
3 of 18

Drawing No.

757-1

Rev:

M

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

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 = 75 3/4"
3. CONFIGURATIONS INCLUDE BY-PASS, POCKET AND ANY COMINATION THEREOF (LIMITED TO EIGHT PANELS AND SEVEN TRACK FRAMES) FRAMES OVER 3-TRACKS ARE MADE UP OF THE APPROVED FRAME COMPONENTS SHOWN ON SHEETS 13 AND 14 OF THIS NOA.

EXAMPLE MAXIMUM CONFIGURATIONS:

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

SEE LIST BELOW

1	X
2	XX
3	OX
4	XO
5	OO
6	XXX
7	XOO
8	OOX
9	XXO
10	OXX
11	OXO
12	XOX
13	OOO
14	XXX
15	XXO
16	OXX
17	XXX
18	OOX
19	XXO
20	OOX
21	XOO
22	OOO
23	XXXX
24	OXXX
25	OX-XX
26	XXX-XO
27	XXXX
28	OOOO
29	XXX-XXX
30	XXX-XXX
31	XXXX-XXXX
32	XXXX-XXXX

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219-12
Expiration Date 5/22/24
By Isang I. Chant
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By [Signature]
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0202-06
Expiration Date May 22, 2019
By Manuel Perez
Miami Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
9/18/17
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

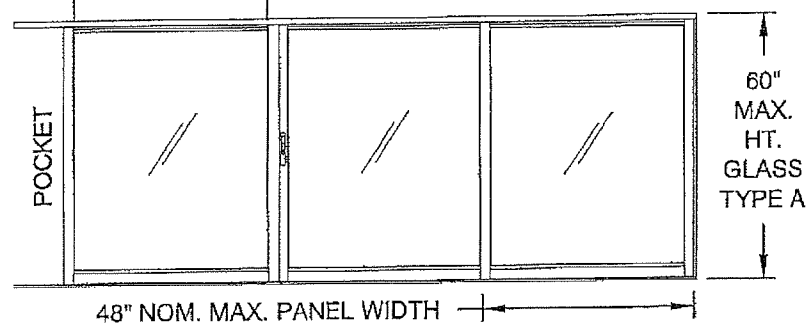
Revised By: JR Date: 04/05/17 Revisions: M NO CHANGES THIS SHEET.
Drawn By: F.K. Date: 09/08/04 Checked By: J.J. Date: 04/02/06

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

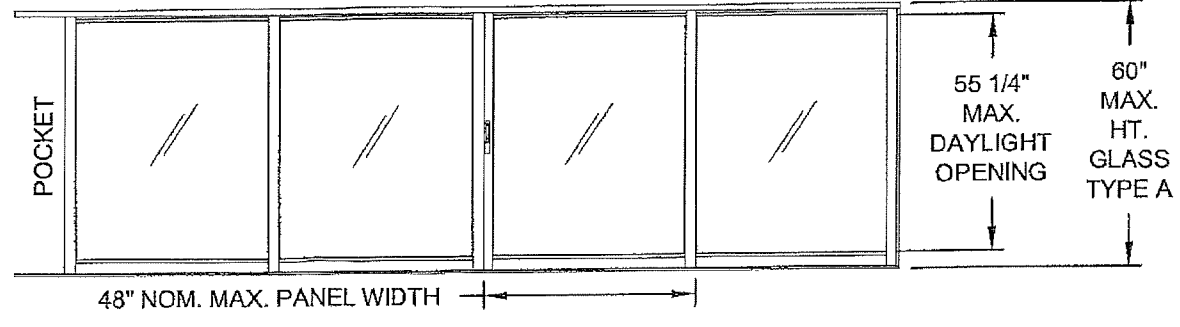


Description: PANEL TYPES
Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT
Series/Model: SGD2500 Scale: NTS Sheet: 4 of 18 Drawing No. 757-1 Rev: M

44 1/8" MAX. DAYLIGHT OPENING FOR 48" NOMINAL, ALL CONFIGURATIONS



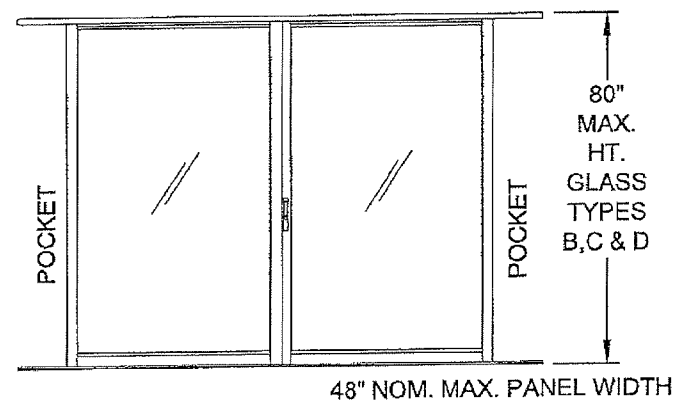
pXXO or OXXp



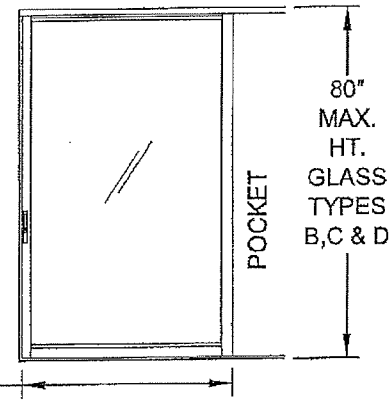
pXXXO or OXXXp

NOTES:

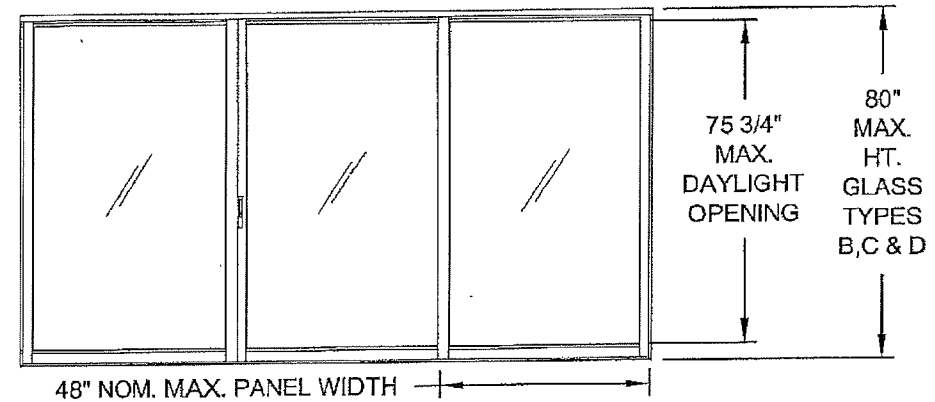
1. SEE SHEET 4 FOR PANEL TYPES.
2. DLO WIDTH = NOMINAL WIDTH - 3 7/8"
3. DLO HEIGHT = WINDOW HEIGHT - 4 1/4"



pXXp

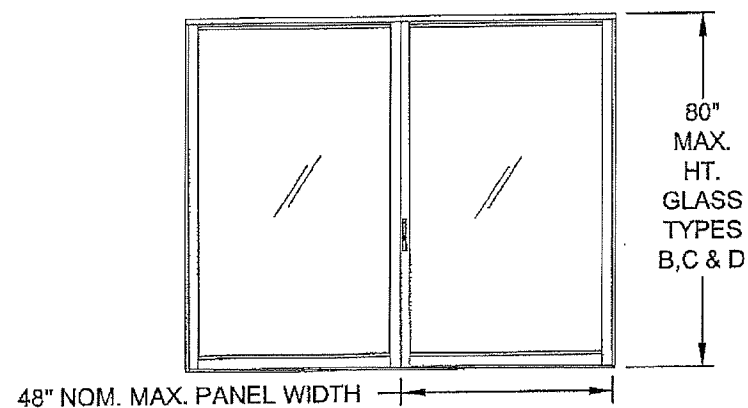


Xp or pX

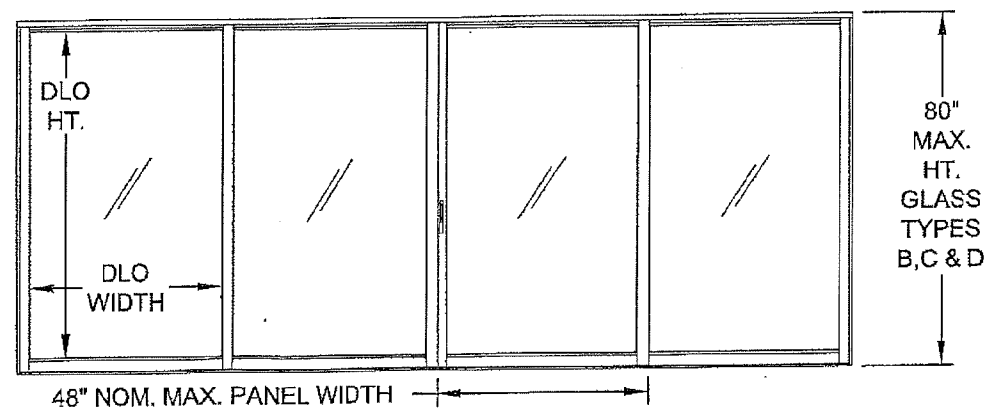


OXO

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 17-0219.12
Expiration Date 5/22/18
By [Signature]
Miami-Dade Product Control



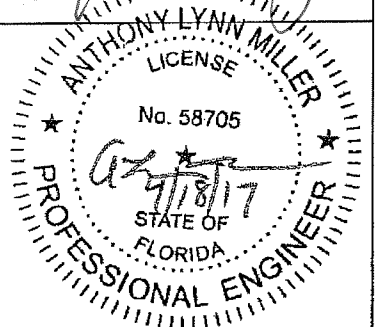
OX or XO



OXXO or XXXX

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By [Signature]
Miami-Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.06
Expiration Date May 22, 2019
By [Signature]
Miami-Dade Product Control



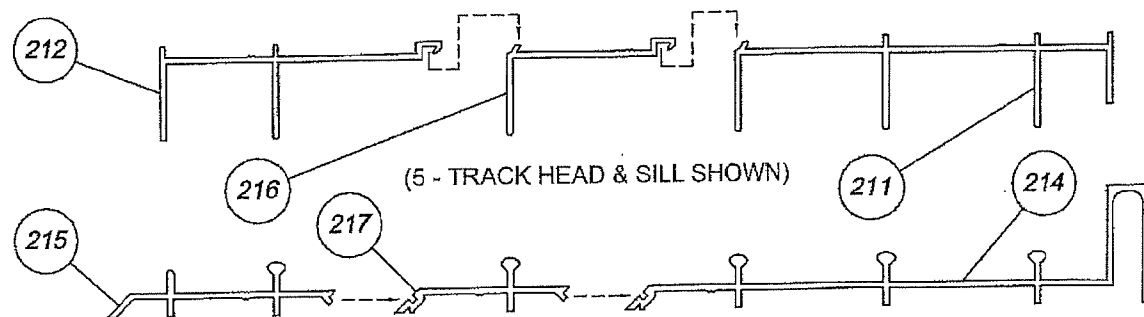
A. LYNN MILLER, P.E.
P.E.# 58705

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

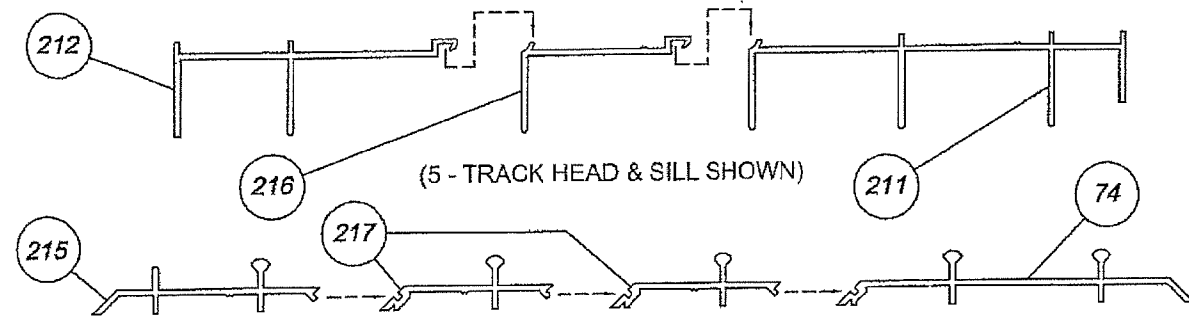
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGI INDUSTRIES, INC.
ALL RIGHTS RESERVED



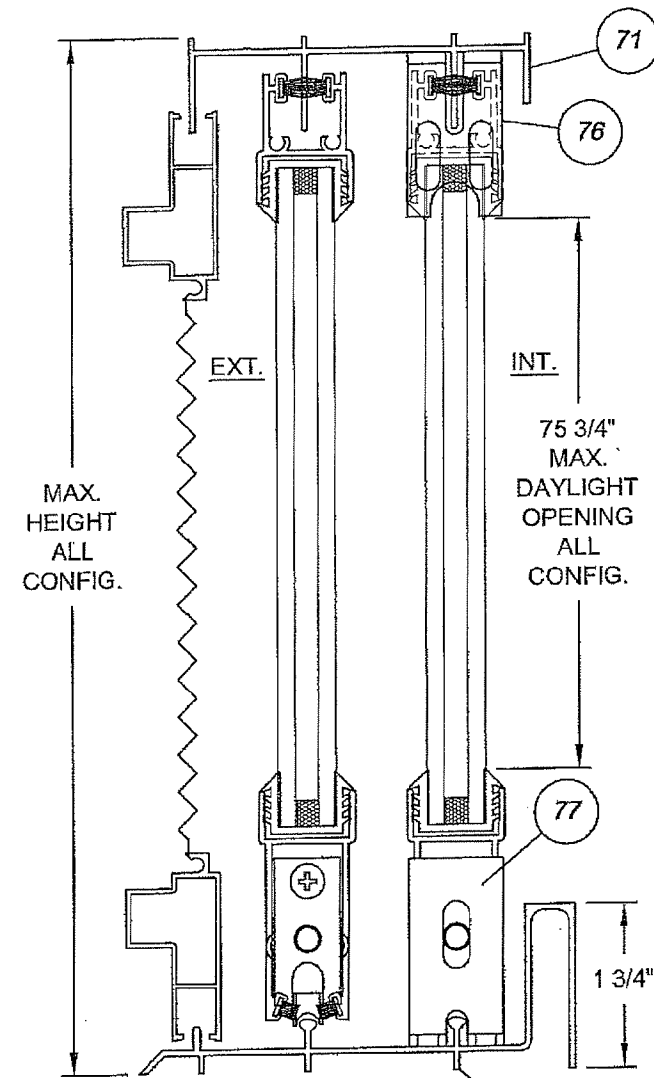
Description:	EXAMPLE ELEVATIONS			
Title:	ALUM. SLIDING GLASS WINDOW, NON-IMPACT			
Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SGD2500	NTS	5 of 18	757-1	M



EXAMPLE MULTI-PART EXTERIOR FRAME

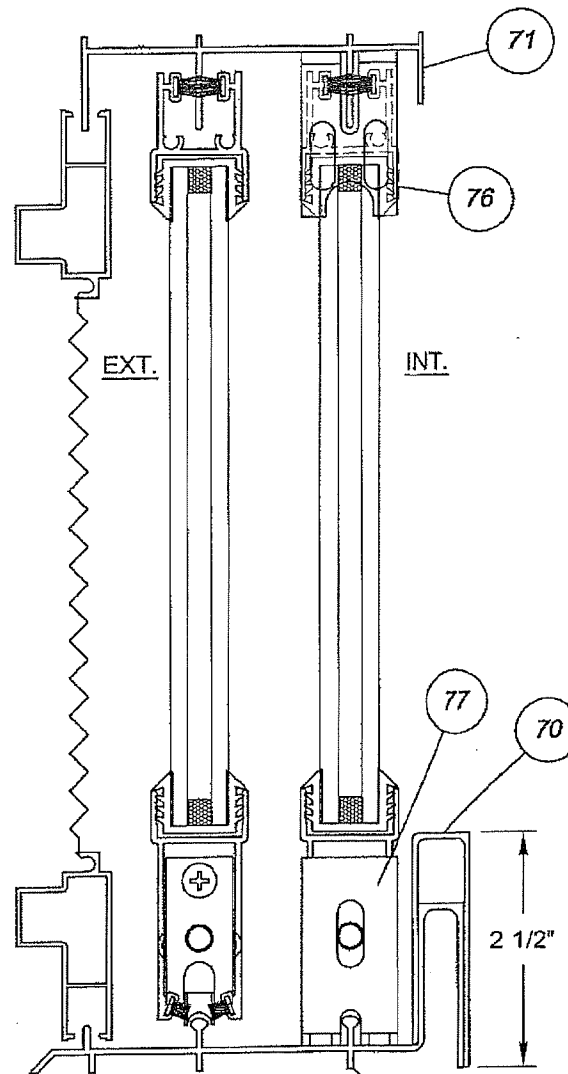


EXAMPLE MULTI-PART INTERIOR FRAME

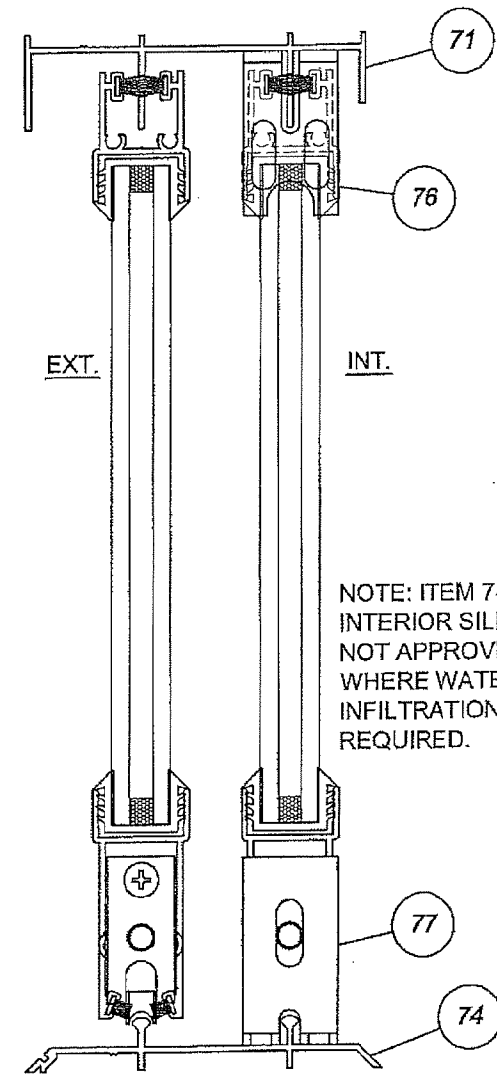


NOTE:
MAX. DP W/ 1 3/4"
SILL = +35.3 PSF

VERTICAL SECT.
STANDARD SILL



VERTICAL SECT.
EXTENDED SILL



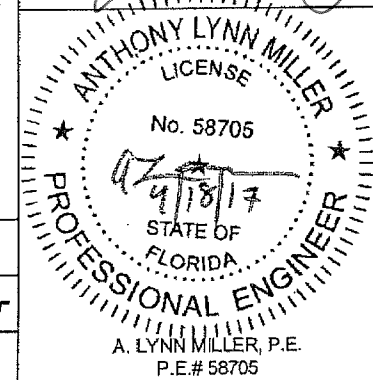
VERTICAL SECT.
INTERIOR SILL

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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.12
Expiration Date 5/22/24
By *Shang L. Chen*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By *[Signature]*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.06
Expiration Date May 22, 2019
By *Manuel Perez*
Miami Dade Product Control

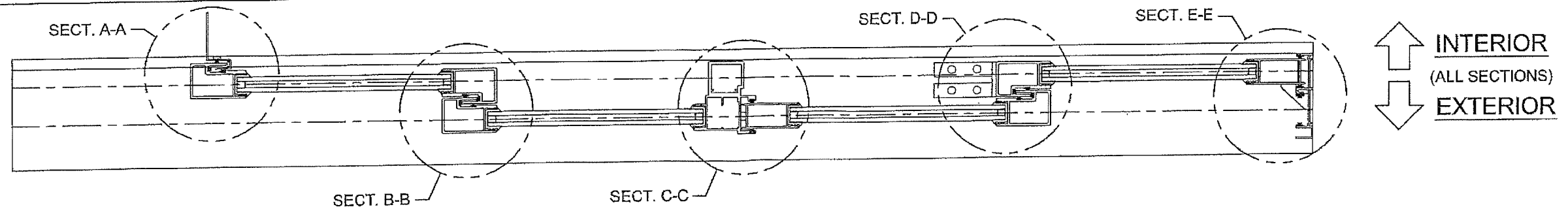


Revised By: JR	Date: 04/05/17	Revisions: M	NO CHANGES THIS SHEET.
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

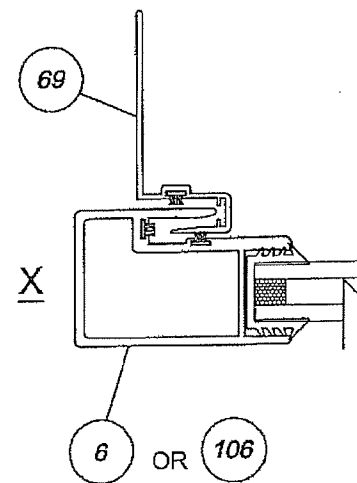
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PST INDUSTRIES, INC.
ALL RIGHTS RESERVED



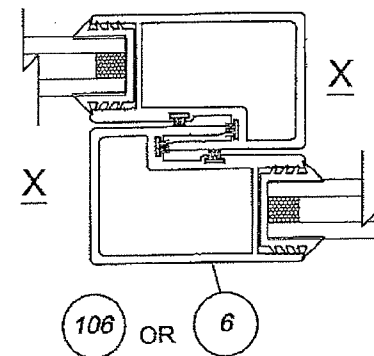
Description: VERTICAL SECTIONS				
Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT				
Series/Model: SGD2500	Scale: 1/2	Sheet: 6 of 18	Drawing No. 757-1	Rev: M



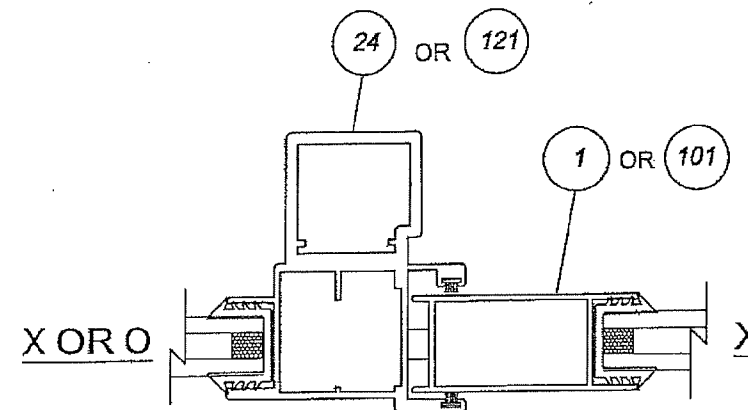
SINGLE/SINGLE INTERLOCK EXAMPLE W/ NO REINFORCEMENT (TABLE 1, SHT. 2 DESIGN PRESSURES)



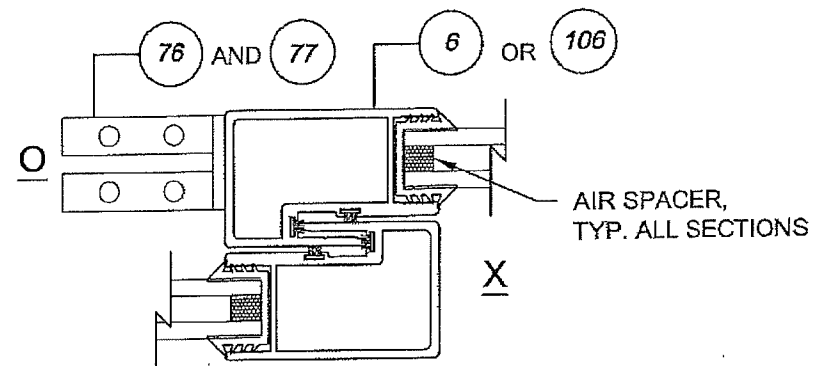
**SECT. A-A
MOVABLE INTERLOCK
AT P-HOOK**



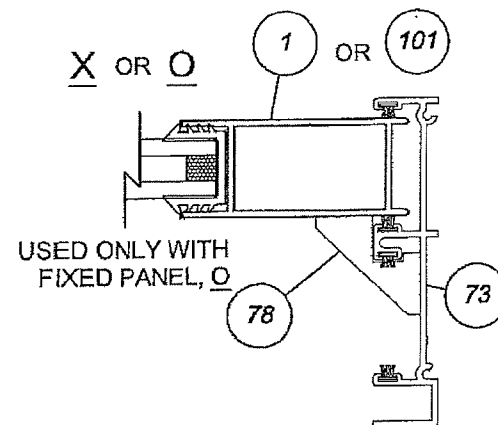
**SECT. B-B
MOVABLE SINGLE/SINGLE INTERLOCK**



**SECT. C-C
LOCKSTILE AT ASTRAGAL**



**SECT. D-D
FIXED TO MOVABLE SINGLE/SINGLE INTERLOCK**



**SECT. E-E
LOCKSTILE AT JAMB**

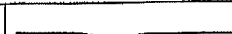
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219-12
Expiration Date 5/22/2024
By *Leah L. Chanda*
Miami Dade Product Control

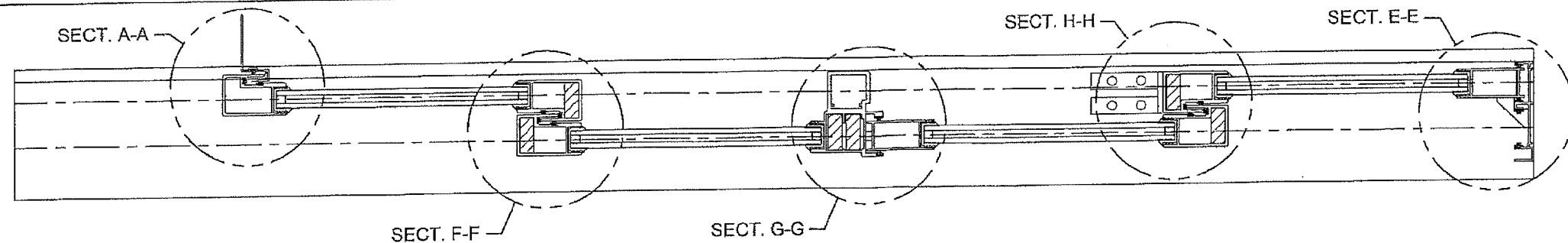
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018

By *[Signature]*
Miami Dade Product Control

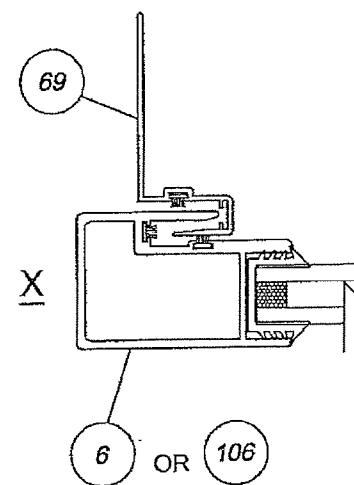
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207-06
Expiration Date May 22, 2019
By *Manuel [Signature]*
Miami Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
4/18/17
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

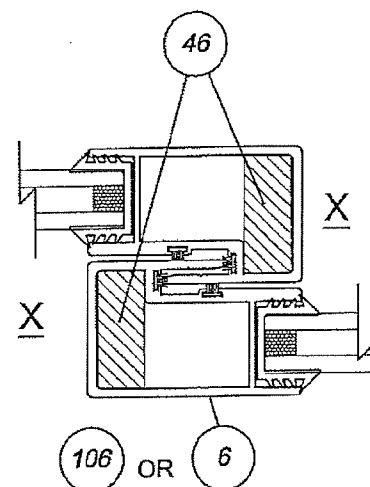
				1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1500			Description: HORIZONTAL SECTIONS, TABLE 1 - DPS				
				CERT. OF AUTH. #29296 COPYRIGHT © 2017 PGT INDUSTRIES, INC. ALL RIGHTS RESERVED			Title: ALUM. SLIDING GLASS WINDOW NON-IMPACT				
Revised By: JR	Date: 04/05/17	Revisions: M	NO CHANGES THIS SHEET.				Series/Model: SGD2500	Scale: 1/2	Sheet: 7 of 18	Drawing No. 757-1	Rev: M
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06								



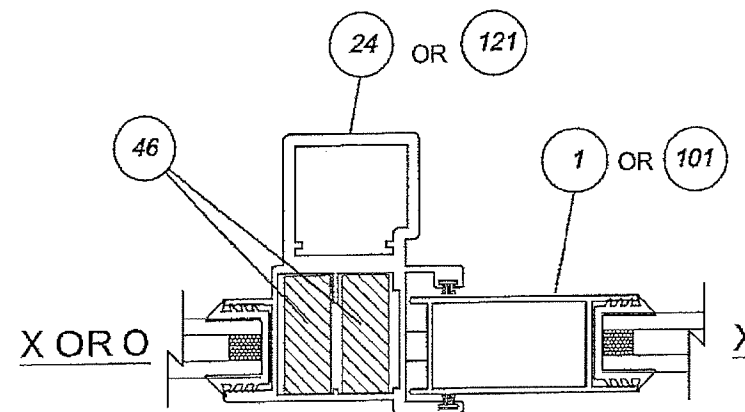
SINGLE/SINGLE INTERLOCK EXAMPLE FULL REINFORCEMENT (TABLE 2, SHT. 3 DESIGN PRESSURES)



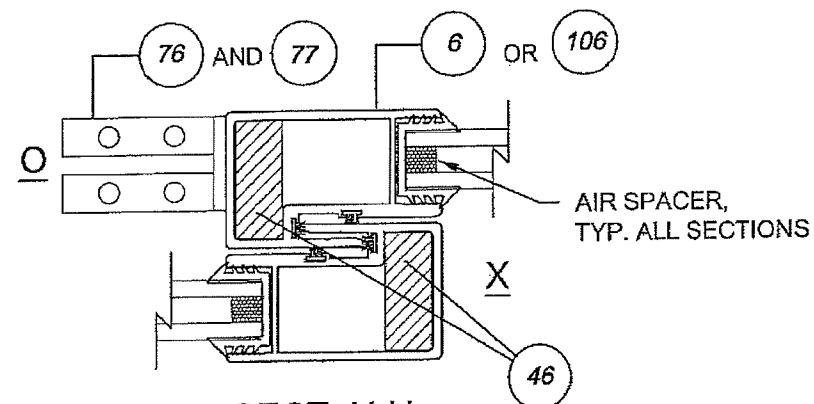
SECT. A-A
MOVABLE INTERLOCK
AT P-HOOK



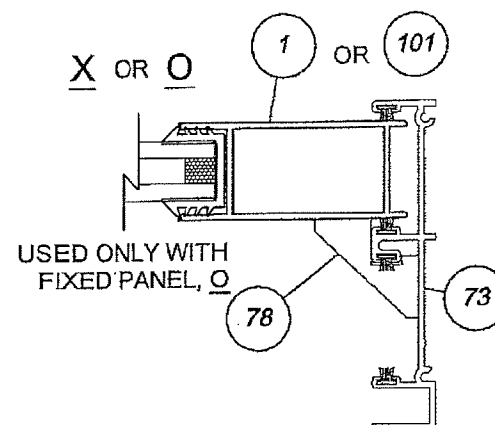
SECT. F-F
MOVABLE SINGLE/SINGLE INTERLOCK



SECT. G-G
LOCKSTILE AT ASTRAGAL



SECT. H-H
FIXED TO MOVABLE SINGLE/SINGLE INTERLOCK



SECT. E-E
LOCKSTILE AT JAMB

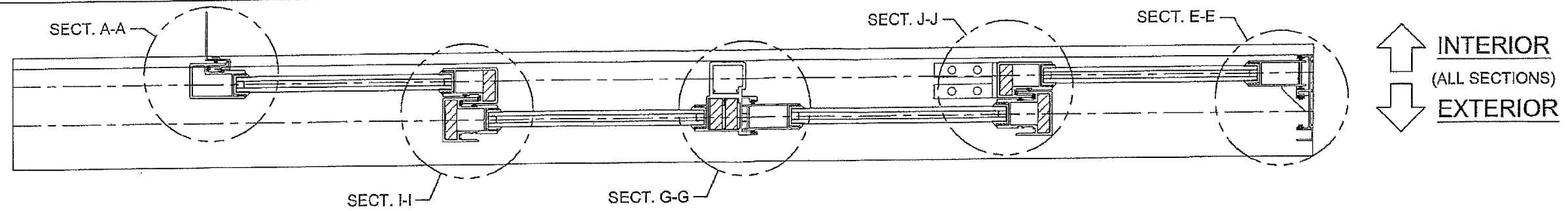
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.12
Expiration Date 5/22/24
By *Shang L. Llanusa*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By *[Signature]*
Miami Dade Product Control

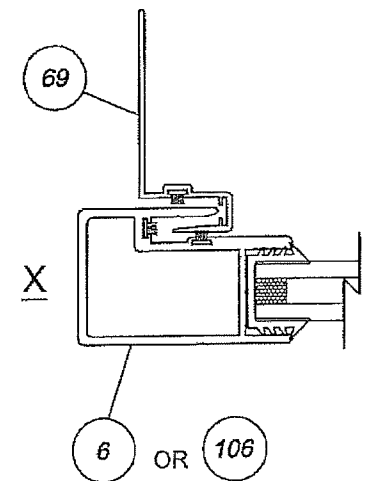
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.06
Expiration Date May 22, 2019
By *Manuel Derez*
Miami Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
4/18/17
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

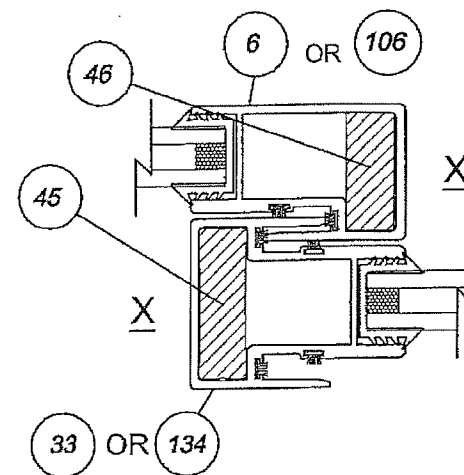
Revisd By: JR Date: 04/05/17 Revisions: M NO CHANGES THIS SHEET. Drawn By: F.K. Date: 09/08/04 Checked By: J.J. Date: 04/02/06	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 CERT. OF AUTH. #29296 COPYRIGHT © 2017 PGT INDUSTRIES, INC. ALL RIGHTS RESERVED		Description: HORIZONTAL SECTIONS, TABLE 2 - DPS Title: ALUM. SLIDING GLASS WINDOW NON-IMPACT Series/Model: SGD2500 Scale: 1/2 Sheet: 8 of 18 Drawing No. 757-1 Rev. M
---	--	--	--



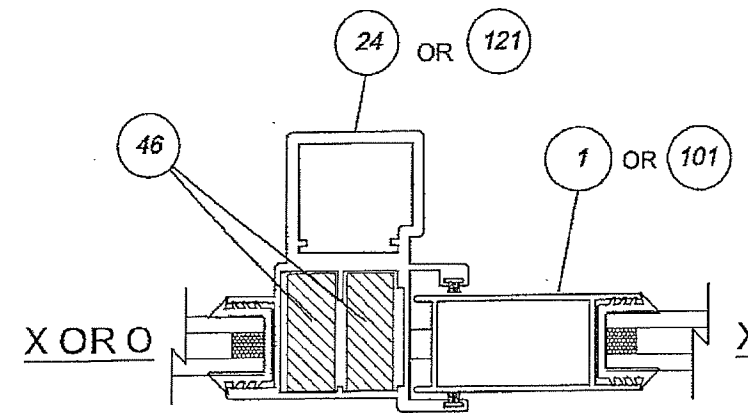
SINGLE/DOUBLE INTERLOCK EXAMPLE FULL REINFORCEMENT (TABLE 3, SHT. 3 DESIGN PRESSURES)



SECT. A-A
MOVABLE INTERLOCK
AT P-HOOK

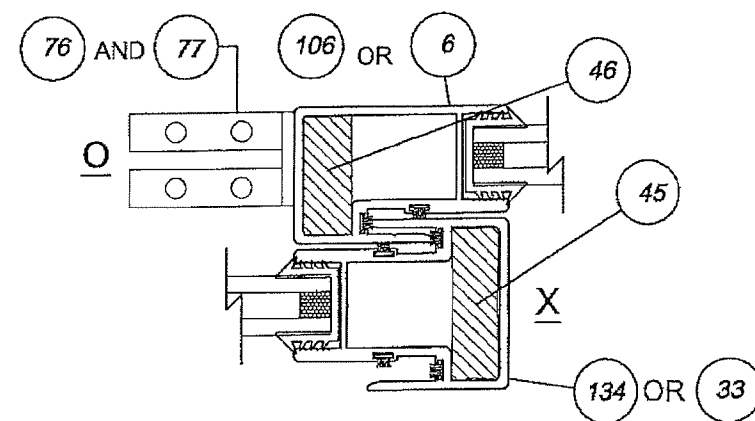


SECT. I-I
MOVABLE SINGLE/DOUBLE INTERLOCK

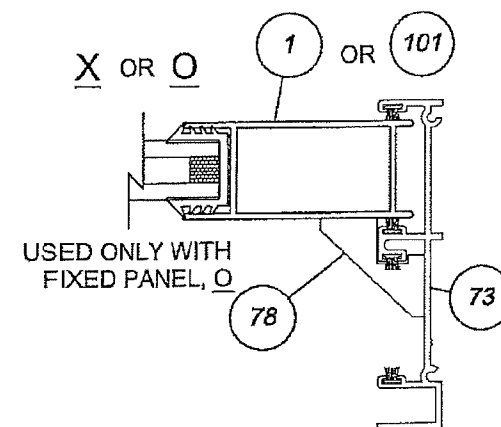


SECT. G-G
LOCKSTILE AT ASTRAGAL

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.12
Expiration Date 5/22/24
By *Ishag L. Lhach*
Miami Dade Product Control



SECT. J-J
FIXED TO MOVABLE SINGLE/SINGLE INTERLOCK



SECT. E-E
LOCKSTILE AT JAMB

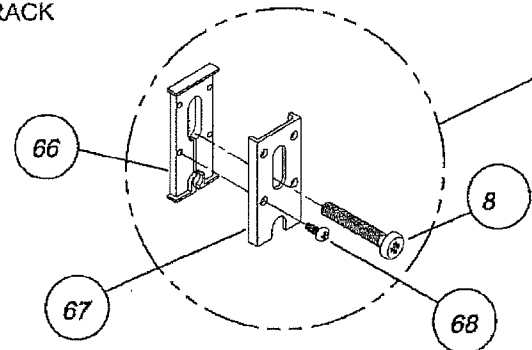
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By *[Signature]*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.06
Expiration Date May 22, 2019
By *Manuel Torres*
Miami Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/18/17
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

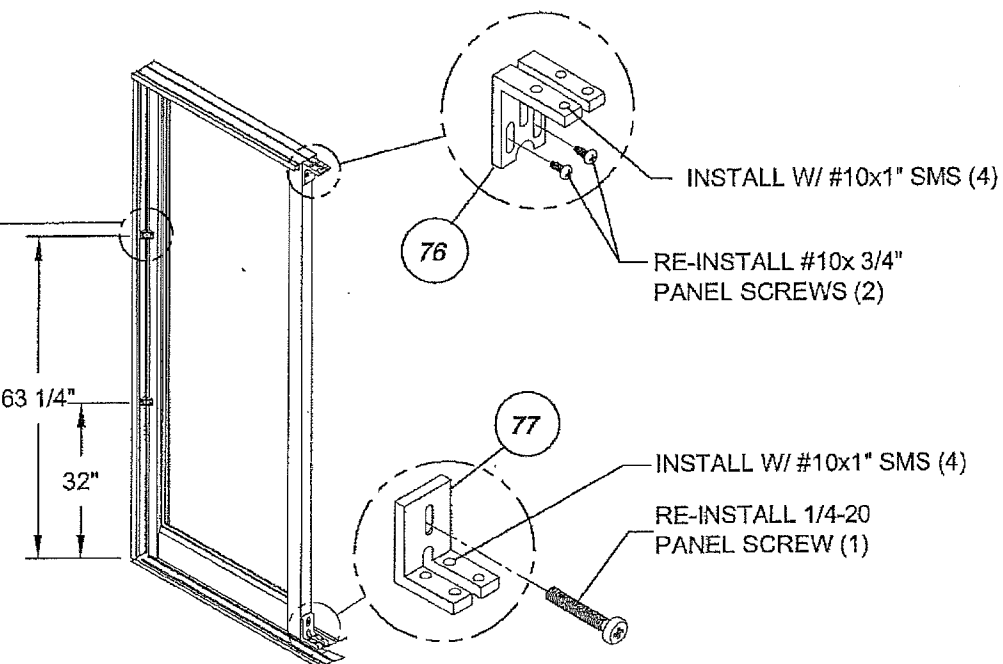
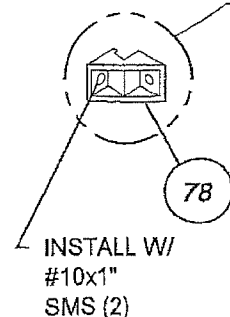
Revised By: JR	Date: 04/05/17	Revisions: M	NO CHANGES THIS SHEET.	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	PGT	Description: HORIZONTAL SECTIONS, TABLE 3 - DPS	Series/Model: SGD2500	Scale: 1/2	Sheet: 9 of 18	Drawing No. 757-1	Rev: M
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06	CERT. OF AUTH. #29296 COPYRIGHT © 2017 PGT INDUSTRIES, INC. ALL RIGHTS RESERVED		Title: ALUM. SLIDING GLASS WINDOW NON-IMPACT					

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



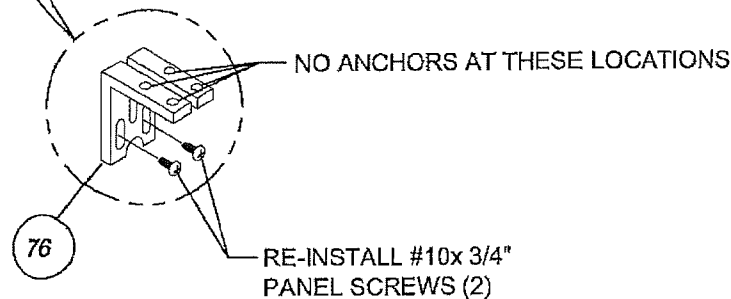
OPERABLE PANELS

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



FIXED PANELS

(1) FIXED PANEL CLIP (TOP) TO BE ATTACHED TO THE INTERLOCK (ONLY) OF ANY PANEL ON THE OUTER MOST TRACK OF THE FRAME



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219-02
Expiration Date 5/22/24
By *Charles L. L...*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By *[Signature]*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207-06
Expiration Date May 22, 2019
By *Manuel Perez*
Miami Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
4/18/17
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

				1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			Description: TRACK CLIP & FIXED CLIPS INSTALLATION				
				CERT. OF AUTH. #29296			Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT				
Revised By: JR	Date: 04/05/17	Revisions: M	NO CHANGES THIS SHEET.			COPYRIGHT © 2017 PGT INDUSTRIES, INC. ALL RIGHTS RESERVED	Series/Model: SGD2500	Scale: 1/2	Sheet: 10 of 18	Drawing No. 757-1	Rev: M
Drawn By: F K	Date: 09/08/04	Checked By: J J	Date: 04/02/06								

ITEM	PART #	DESCRIPTION	PGT#
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.	7SRA X
20	683	TANDEM ROLLER ASSY.	7683Z
21	683	TANDEM ROLLER ASSY. - S.S.	7683SS
23	609	ASTRAGAL, MONOLITHIC	68315
24	720	ASTRAGAL (H.D.), 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
38		3/16" ANNEALED GLASS	
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	PGT#
62	522	COLONIAL INTERSECTION	41630
63	124	APPLIED COLONIAL MUNTIN	66631
64	1240	1/16 X 1 FLATBAR	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	HOOKESTRIP (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
203	666	OPT. SCREEN RAIL, POCKET DOOR	61394
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 ADD-ON	68274M
222	671	LOW-RISE 1 - TRACK SILL, EXTERIOR	60803M
225	732	HIGH-RISE TRACK ADAPTER	68313M

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.12
Expiration Date 5/22/24
By Sheng L. Li
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018

By [Signature]
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.06
Expiration Date May 22, 2019
By Manuel Diaz
Miami Dade Product Control

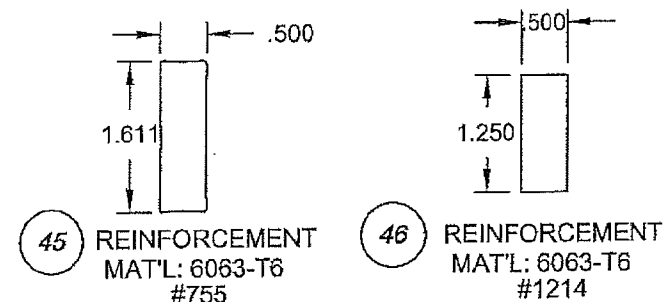
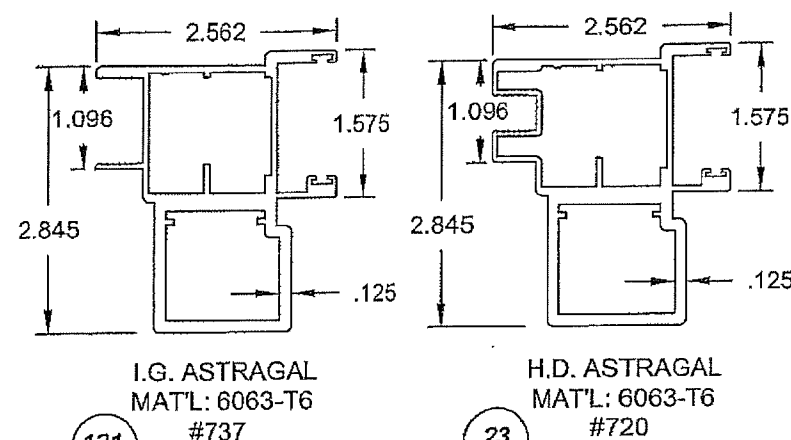
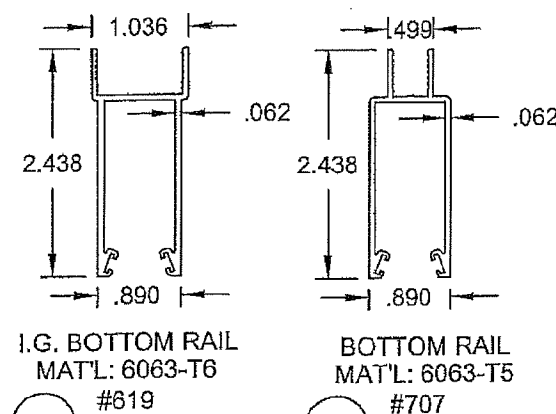
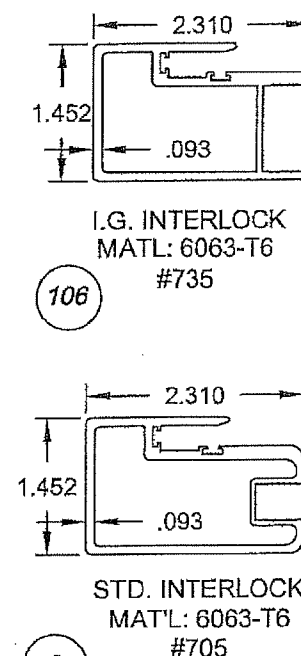
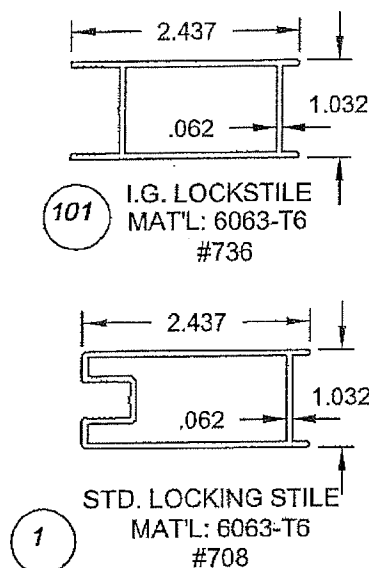
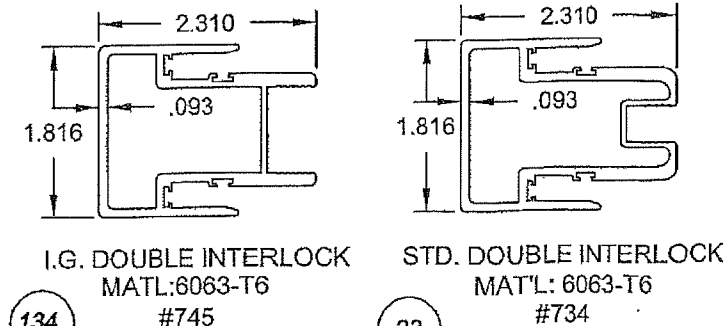
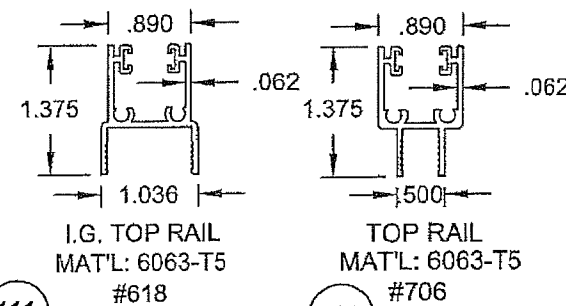
ANTHONY LYNN MILLER
LICENSE
No. 58705
7/18/17
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1800
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED

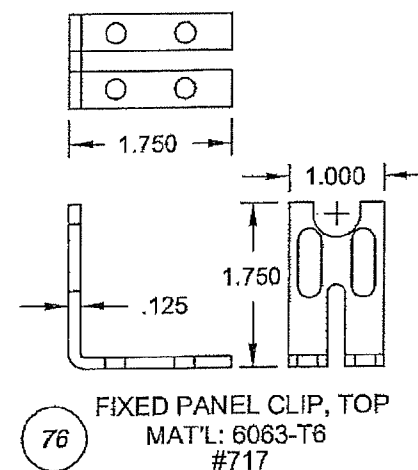
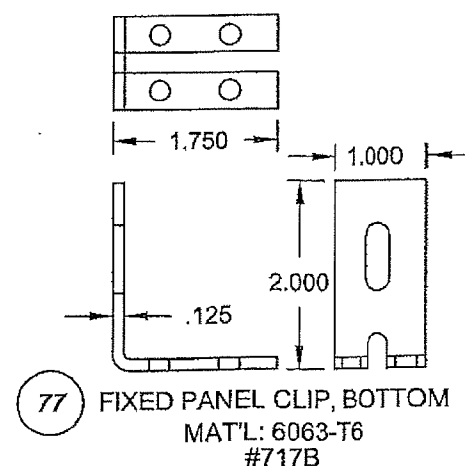


Description:
PARTS LISTS
Title:
ALUM. SLIDING GLASS WINDOW, NON-IMPACT
Series/Model: SGD2500 Scale: NTS Sheet: 11 of 18 Drawing No. 757-1 Rev: M

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



NOTE: ITEMS 45 AND 46 LENGTH = PANEL HT. - 4 1/4"



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219-12
Expiration Date 5/22/24
By Anthony L. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By Anthony L. Miller
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207-06
Expiration Date May 22, 2019
By Manuel Perez
Miami Dade Product Control

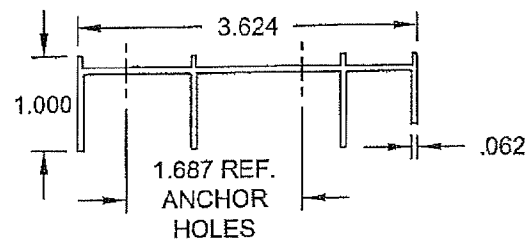
ANTHONY LYNN MILLER
LICENSE
No. 58705
az
9/18/17
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

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

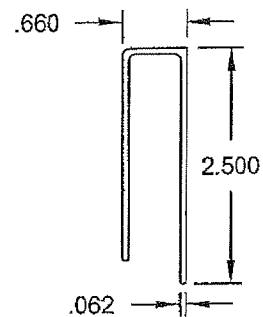
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29296
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



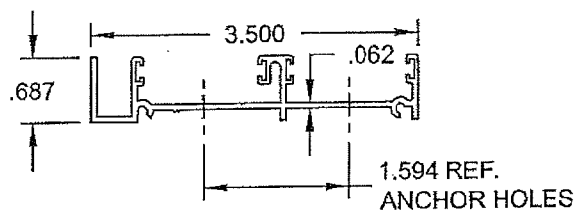
Description:
EXTRUSIONS, PANELS
Title:
ALUM. SLIDING GLASS WINDOW, NON-IMPACT
Series/Model: SGD2500 Scale: NTS Sheet: 12 of 18 Drawing No. 757-1 Rev: M



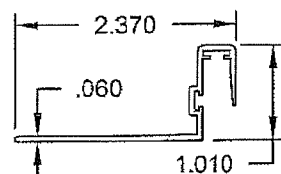
71 2 - TRACK HEAD
MAT'L: 6063-T6
#702



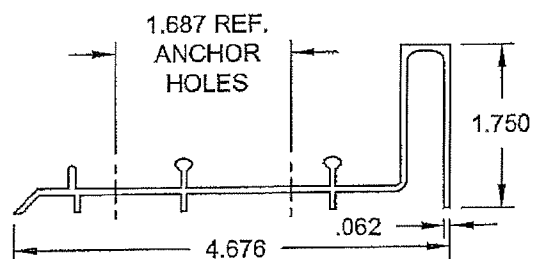
70 HI-RISE TRACK ADAPTER
MAT'L: 6063-T5
#722A



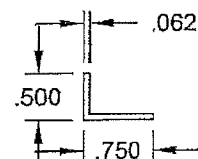
73 2 - TRACK JAMB
MAT'L: 6063-T6
#704



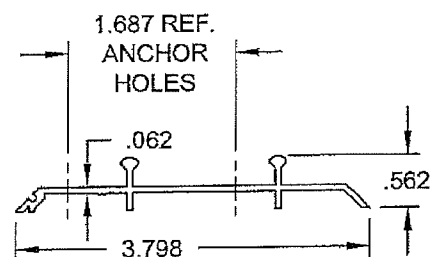
69 HOOKSTRIP
MAT'L: 6063-T5
#740



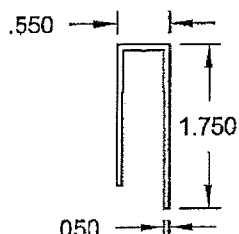
72 2 - TRACK EXTERIOR SILL
MAT'L: 6063-T6
#703B



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



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



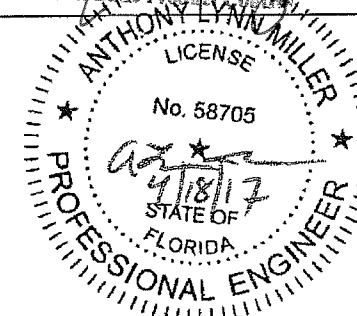
225 HI-RISE TRACK ADAPTER
MAT'L: 6063-T5
#732

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.12
Expiration Date 5/22/24
By: [Signature]
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018

By: [Signature]
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.06
Expiration Date May 22, 2019
By: [Signature]
Miami Dade Product Control



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

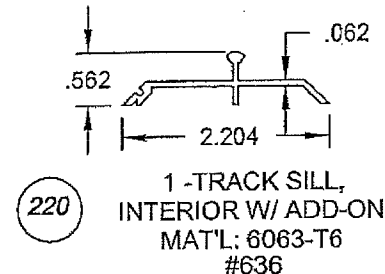
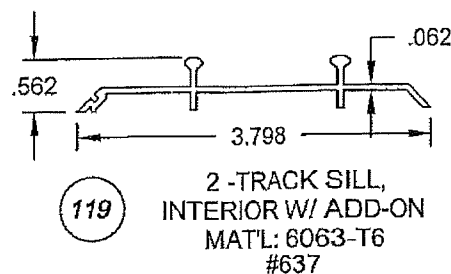
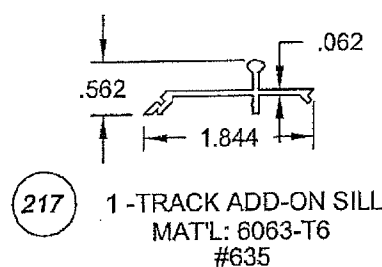
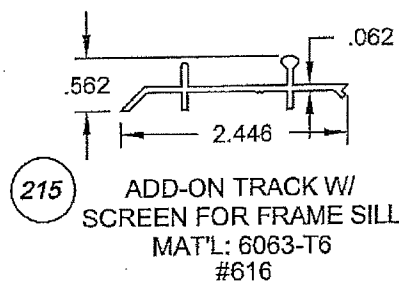
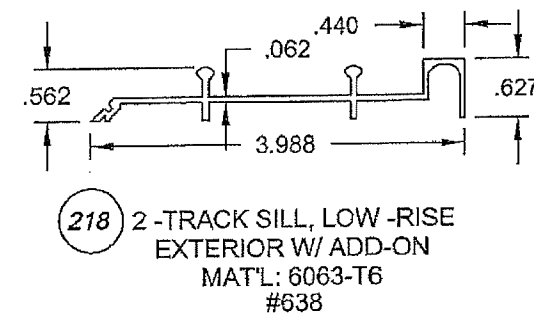
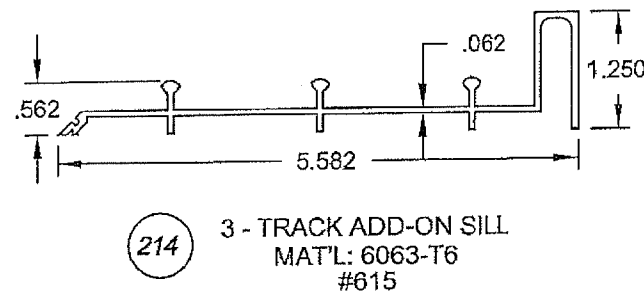
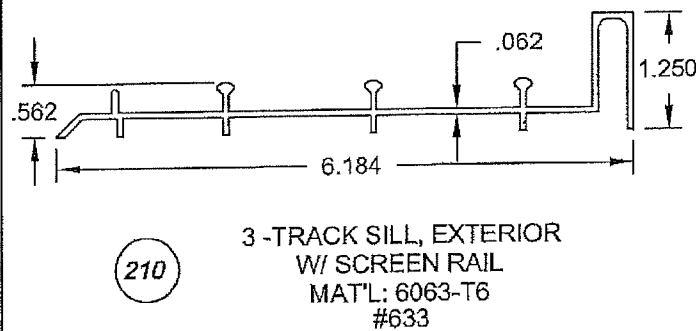
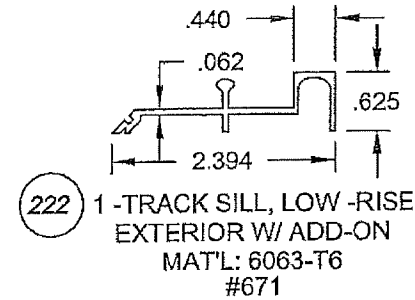
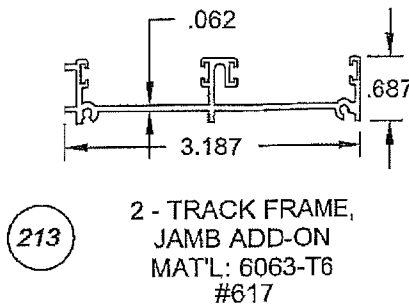
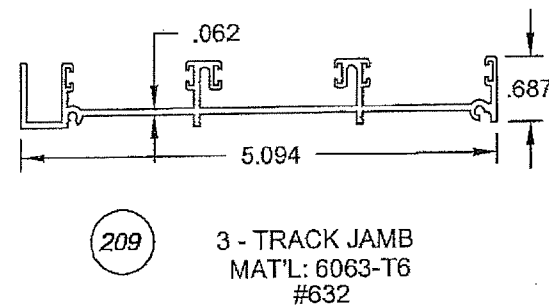
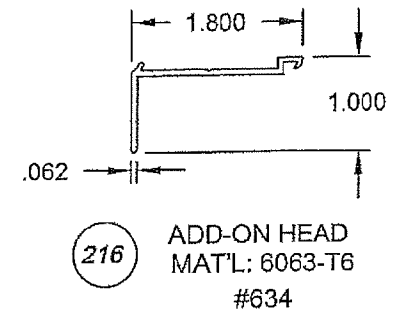
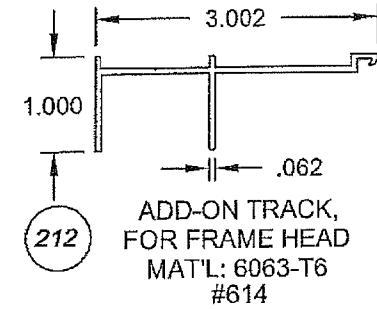
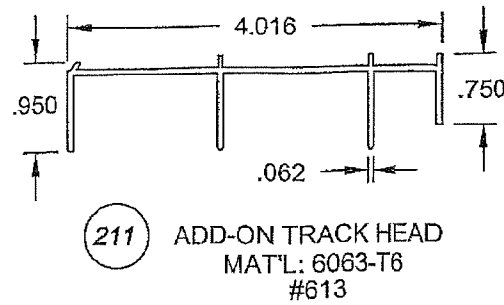
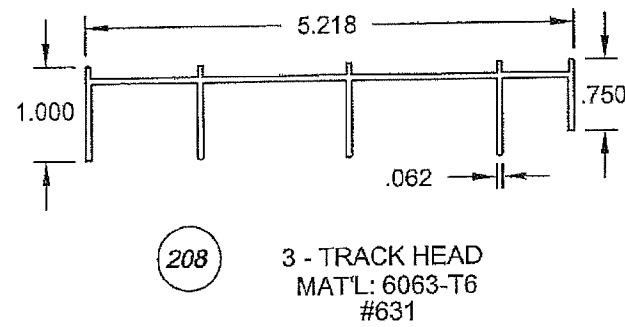
Revised By:	Date:	Revisions:	
JR	04/05/17	M	NO CHANGES THIS SHEET.
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

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 WINDOW, NON-IMPACT				
Series/Model:	Scale:	Sheet:	Drawing No.	Rev.
SGD2500	NTS	13 of 18	757-1	M

ADDED FRAME COMPONENTS



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219-12
Expiration Date 5/22/24
By *Sheryl L. L...*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By *[Signature]*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207-06
Expiration Date May 22, 2019
By *Manuel...*
Miami Dade Product Control

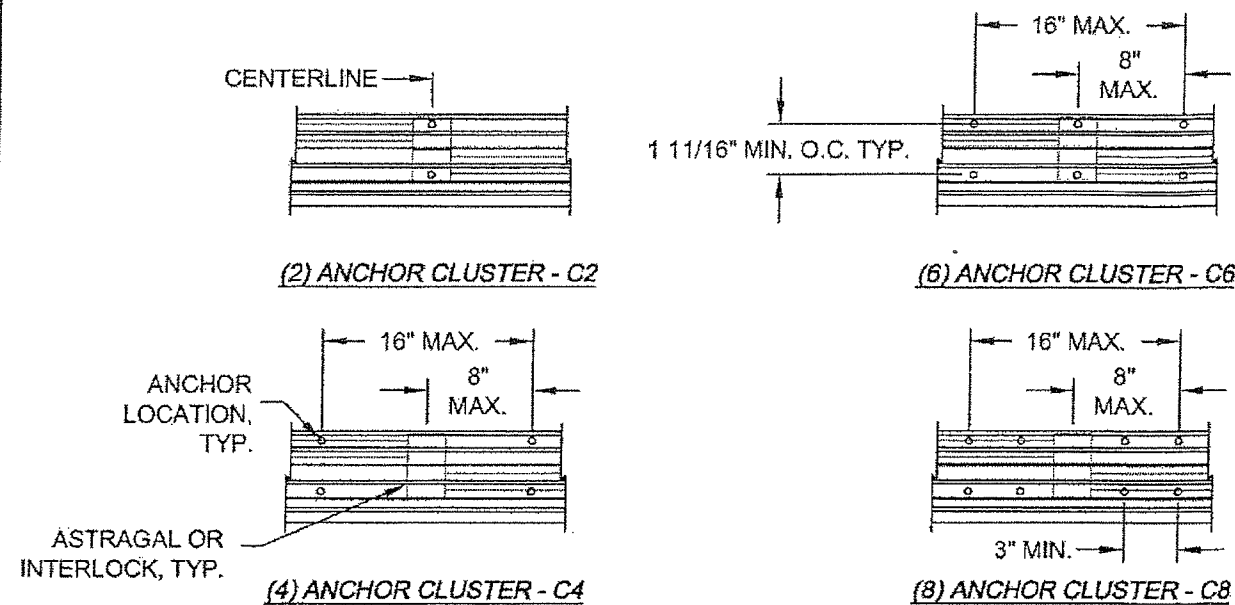
ANTHONY LYNN MILLER
LICENSE
No. 58705
4/18/17
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

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

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



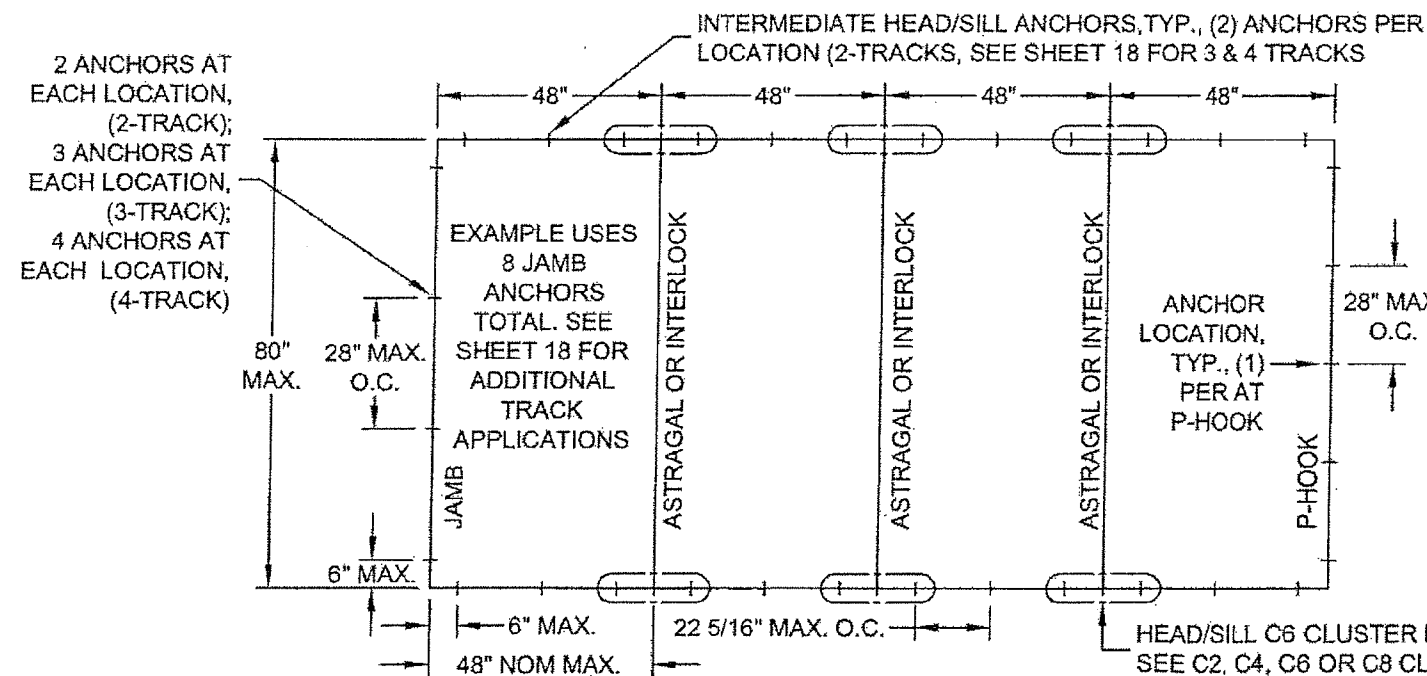
Description: EXTRUSIONS, FRAME (CONTINUED)
Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT
Series/Model: SGD2500 Scale: NTS Sheet: 14 of 18 Drawing No. 757-1 Rev: M



NOTES:

1. 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.
2. INSTALL PER ANCHOR QUANTITIES OF TABLE 4, SHEET 16, USING THE DIMENSIONAL CRITERIA OF NOTE 1. HEAD AND SILL CLUSTER ANCHORS ARE REQUIRED AT ASTRAGAL AND INTERLOCK LOCATIONS OF THEIR RESPECTIVE TRACK SECTIONS. SEE SHEET 18 FOR POTENTIAL ANCHOR LOCATIONS WITHIN HEAD, SILL AND JAMB TRACK SECTIONS.

**HEAD & SILL ANCHOR CLUSTER DETAILS
FOR ASTRAGALS AND INTERLOCKS**



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.

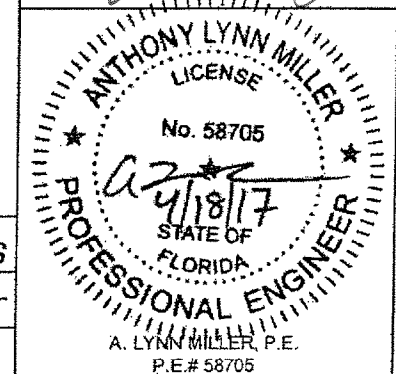
TOTAL AT HEAD = 30 ANCHORS
(2+2+C6+2+C6+2+C6+2+2 = 30)
TOTAL AT SILL = 30 ANCHORS
(2+2+C6+2+C6+2+C6+2+2 = 30)
TOTAL AT JAMB = 8 ANCHORS
TOTAL AT P-HOOK = 5 ANCHORS

FOUR PANEL DOOR ANCHORAGE LAYOUT EXAMPLE FROM TABLE 4, SHEET 16
2-TRACKS, CONCRETE SUBSTRATE @ HEAD, SILL & P-HOOK, CMU SUBSTRATE @ JAMB

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-0219.12
Expiration Date 5/22/24
By *Chag I. Chag*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By *[Signature]*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.06
Expiration Date May 22, 2019
By *Manuel Perez*
Miami Dade Product Control



Revised By:	Date:	Revisions:	
JR	04/05/17	M	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



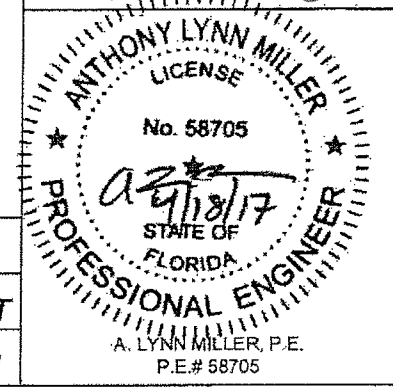
Description:	ANCHORAGE SPACING AND CLUSTER DETAILS			
Title:	ALUM. SLIDING GLASS WINDOW, NON-IMPACT			
Series/Model:	Scale:	Sheet:	Drawing No.	Rev.
SGD2500	NTS	15 of 18	757-1	M

MINIMUM ANCHOR REQUIREMENTS																										TABLE 4.											
DP TABLE REF. > GLASS TYPE > INTERLOCK & > REINFORCEMENT ANCHOR TYPE & SUBSTRATE		SHEET 2, TABLE 1.									SHEET 2, TABLE 1.									SHEET 3, TABLE 2.									SHEET 3, TABLE 3.								
		A									B OR D									B OR D									C OR D								
		SSN (SEE NOTE 3)									SSN (SEE NOTE 3)									SSR (SEE NOTE 3)									SDR (SEE NOTE 3)								
		HEAD & SILL CLUSTER			JAMB			P-HOOK			HEAD & SILL CLUSTER			JAMB			P-HOOK			HEAD & SILL CLUSTER			JAMB			P-HOOK			HEAD & SILL CLUSTER			JAMB			P-HOOK		
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	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	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	36.000	C4	C4	C4	4	4	4	3	3	3	C4	C4	C4	4	4	6	3	3	3	C4	C4	C4	4	4	6	3	3	3	C4	C4	C4	4	4	6	3	3	3
	42.000	C4	C4	C4	6	6	6	3	3	3	C4	C4	C4	6	6	6	3	3	3	C4	C4	C4	6	6	6	3	3	3	C4	C4	C4	6	6	6	3	3	3
	48.000	C4	C4	C4	6	6	6	3	3	3	C4	C4	C4	6	6	6	3	3	3	C4	C4	C4	6	6	6	3	3	3	C4	C4	C4	6	6	6	3	3	3
	54.000	C4	C4	C4	6	6	6	3	3	3	C6	C6	C4	6	6	6	4	4	4	C6	C6	C4	6	6	6	4	4	4	C6	C6	C4	6	6	6	4	4	4
	60.000	C4	C4	C4	6	6	6	3	3	3	C6	C6	C4	6	6	8	4	4	4	C6	C6	C4	6	6	8	4	4	4	C6	C6	C4	6	6	8	4	4	4
	72.000	NOT AVAILABLE									C6	C6	C6	8	8	8	5	5	4	C6	C6	C6	8	8	8	4	5	4	C6	C6	C6	8	8	8	5	5	5
	80.000	NOT AVAILABLE									C6	C6	C6	8	8	8	5	5	4	C6	C6	C6	8	8	8	4	5	4	C8	C8	C6	8	8	8	5	5	5
30.000 x	36.000	C4	C4	C4	4	4	4	3	3	3	C4	C4	C4	6	6	6	4	4	4	C4	C4	C4	6	6	6	4	4	4	C4	C4	C4	6	6	6	4	4	4
	42.000	C4	C4	C4	6	6	6	3	3	3	C6	C6	C4	6	6	6	4	4	3	C6	C6	C4	6	6	6	3	4	3	C6	C6	C4	6	6	6	4	4	3
	48.000	C4	C4	C4	6	6	6	3	3	3	C6	C6	C4	6	6	6	4	4	4	C6	C6	C4	6	6	6	4	4	4	C6	C6	C4	6	6	6	4	4	4
	54.000	C4	C4	C4	6	6	6	3	3	3	C6	C6	C6	8	8	8	5	5	4	C6	C6	C4	8	8	8	5	5	4	C6	C6	C6	8	8	8	5	5	4
	60.000	C4	C4	C4	6	6	6	3	3	3	C6	C8	C6	8	8	8	5	5	5	C6	C6	C6	8	8	8	5	5	5	C6	C8	C6	8	8	8	5	5	5
	72.000	NOT AVAILABLE									C6	C6	C6	8	8	8	5	5	4	C6	C6	C6	8	8	8	5	5	4	C8	C8	C6	8	10	10	6	6	5
	80.000	NOT AVAILABLE									C6	C6	C6	8	8	8	5	5	4	C6	C6	C6	8	8	8	5	5	4	C8	C8	C6	8	10	10	6	6	5
36.000 x	36.000	C4	C4	C4	4	4	6	3	3	3	C4	C4	C4	6	6	6	4	4	4	C4	C4	C4	4	4	6	3	4	3	C4	C4	C4	6	6	6	4	4	4
	42.000	C4	C4	C4	6	6	6	3	3	3	C6	C6	C4	6	6	6	4	4	4	C4	C4	C4	6	6	6	3	3	3	C6	C6	C4	6	6	6	4	4	4
	48.000	C4	C4	C4	6	6	6	3	3	3	C6	C6	C4	6	6	8	4	4	4	C4	C4	C4	6	6	6	3	4	3	C6	C6	C4	6	6	8	4	4	4
	54.000	C4	C4	C4	6	6	6	3	3	3	C6	C6	C6	8	8	8	5	5	5	C6	C6	C4	6	6	6	4	4	4	C6	C6	C6	8	8	8	5	5	5
	60.000	C4	C4	C4	6	6	6	3	3	3	C8	C8	C6	8	8	8	5	5	5	C6	C6	C4	6	6	8	4	5	4	C8	C8	C6	8	8	8	5	5	5
	72.000	NOT AVAILABLE									C6	C8	C6	8	8	8	5	5	5	C6	C6	C6	8	8	8	5	5	5	C8	C8	C6	10	10	10	6	6	6
	80.000	NOT AVAILABLE									C6	C6	C6	8	8	8	5	5	5	C6	C6	C6	8	8	8	5	5	5	C8	C8	C6	10	10	10	6	6	5
42.000 x	36.000	C2	C2	C2	4	6	6	4	4	3	C2	C2	C2	6	6	6	4	4	4	C2	C2	C2	4	4	4	3	3	3	C2	C2	C2	6	6	6	4	4	4
	42.000	C2	C2	C2	6	6	6	3	3	3	C2	C2	C2	6	6	6	3	3	3	C2	C2	C2	6	6	6	3	3	3	C2	C2	C2	6	6	6	3	3	3
	48.000	C2	C2	C2	6	6	6	3	3	3	C4	C4	C2	6	6	6	4	4	4	C2	C2	C2	6	6	6	3	3	3	C4	C4	C2	6	6	6	4	4	4
	54.000	C2	C2	C2	6	6	6	3	3	3	C4	C4	C4	6	6	8	4	4	4	C4	C4	C2	6	6	6	3	4	3	C4	C4	C4	6	6	8	4	4	4
	60.000	C4	C4	C2	6	6	6	3	3	3	C4	C4	C4	8	8	8	5	5	5	C4	C4	C4	6	6	6	4	4	4	C4	C4	C4	8	8	8	5	5	5
	72.000	NOT AVAILABLE									C6	C6	C4	8	8	8	5	5	5	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5
	80.000	NOT AVAILABLE									C6	C6	C4	8	8	8	5	5	5	C6	C6	C4	8	8	8	5	5	4	C6	C6	C6	10	10	10	6	6	5
48.000 x	36.000	C2	C2	C2	4	4	6	3	4	3	C2	C2	C2	6	6	6	4	4	3	C2	C2	C2	4	4	4	3	3	2	C2	C2	C2	6	6	6	4	4	3
	42.000	C2	C2	C2	6	6	6	3	3	3	C2	C2	C2	6	6	6	3	3	3	C2	C2	C2	6	6	6	3	3	3	C2	C2	C2	6	6	6	3	3	3
	48.000	C2	C2	C2	6	6	6	3	3	3	C2	C2	C2	6	6	6	3	3	3	C2	C2	C2	6	6	6	3	3	3	C2	C2	C2	6	6	6	3	3	3
	54.000	C2	C2	C2	6	6	6	3	3	3	C4	C4	C2	6	6	6	4	4	4	C2	C2	C2	6	6	6	3	3	3	C4	C4	C2	6	6	6	4	4	4
	60.000	C4	C4	C2	6	6	6	3	3	3	C4	C4	C4	6	6	8	4	4	4	C4	C4	C2	6	6	6	3	4	3	C4	C4	C4	6	6	8	4	4	4
	72.000	NOT AVAILABLE									C4	C4	C4	8	8	8	5	5	5	C4	C4	C4	8	8	8	4	4	4	C4	C4	C4	8	8	8	5	5	5
	80.000	NOT AVAILABLE									C6	C6	C4	8	8	8	5	5	5	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5

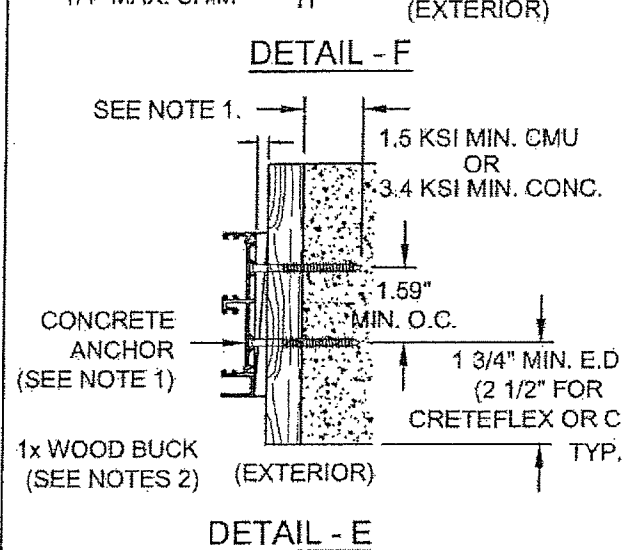
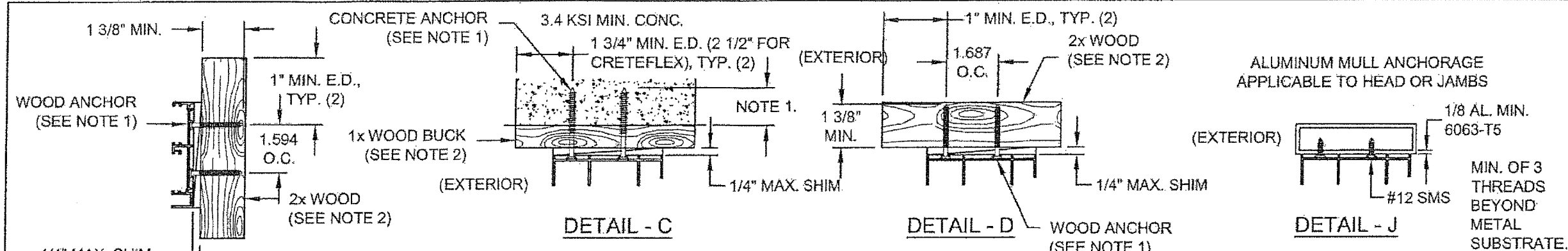
- TABLE KEYS:
- ANCHOR TYPES:
1 - 1/4" ELCO ULTRACON
2 - 1/4" ELCO SS4 CRETE-FLEX
3 - #12 STEEL SCREW (G5)
 - GLASS TYPES:
A - 3/16" ANNEALED
B - 3/16" TEMPERED
C - 1/4" TEMPERED
D - 5/8" TEMPERED I.G.
 - TABLE ABBREVIATIONS:
SSN - SINGLE/SINGLE WITH NO REINF. AT INTERLOCK & ASTRAGAL, (SHEET 7)
SSR - SINGLE/SINGLE WITH FULL REINF. AT INTERLOCK & ASTRAGAL, (SHEET 8)
SDR - SINGLE/DOUBLE WITH FULL REINF. AT INTERLOCK & ASTRAGAL, (SHEET 9)
WD - WOOD SUBSTRATE
AL - ALUMINUM SUBSTRATE

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **17-0420.15**
Expiration Date **05/22/2018**
By 
Miami-Dade Product Control

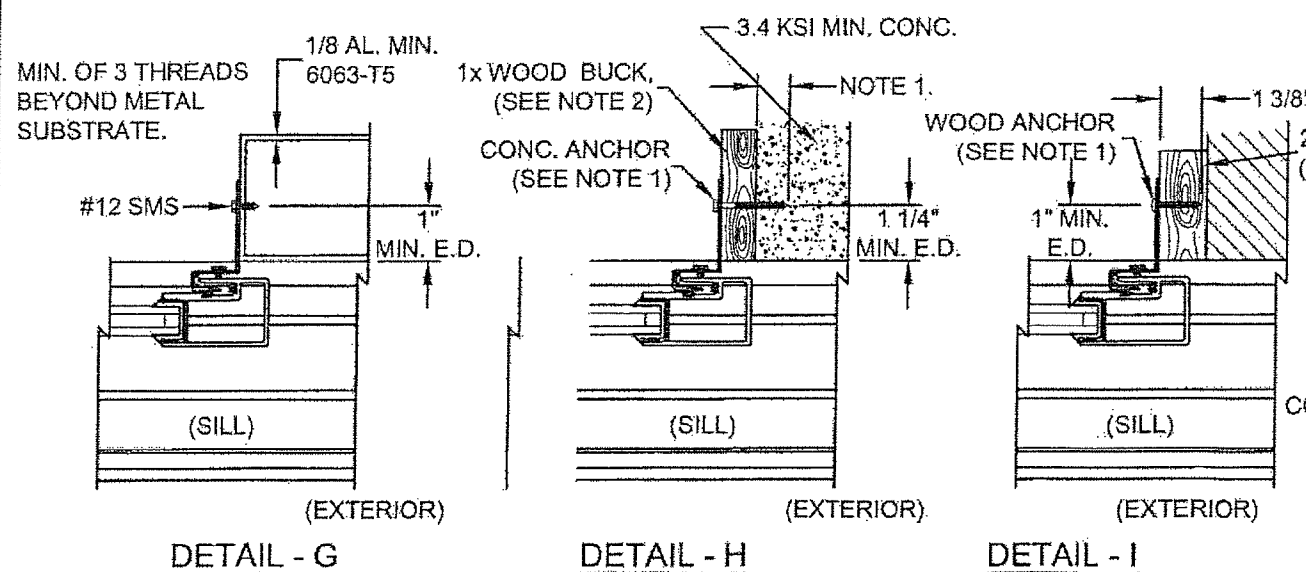
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. **18-0207.06**
Expiration Date **May 22, 2019**
By 
Miami-Dade Product Control



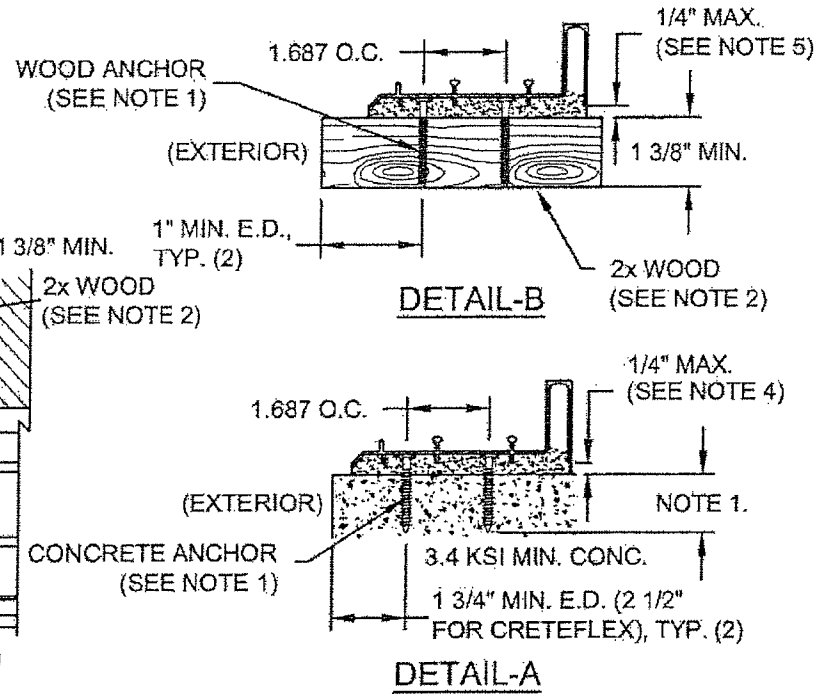
SEE EXAMPLE ANCHOR LAYOUT ON SHEET 15				1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600				Description: ANCHORAGE TABLE			
Revised By: JR Date: 04/05/17 Revisions: M NO CHANGES THIS SHEET.				COPYRIGHT © 2017 PGT INDUSTRIES, INC. ALL RIGHTS RESERVED				Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT			
Drawn By: F.K. Date: 09/08/04 Checked By: J.J. Date: 04/02/06				SGD2500				Scale: NTS Sheet: 16 of 18 Drawing No. 757-1 Rev: M			



TYPICAL FRAME JAMB INSTALLATIONS



TYPICAL POCKET P-HOOK INSTALLATIONS



TYPICAL FRAME SILL INSTALLATIONS

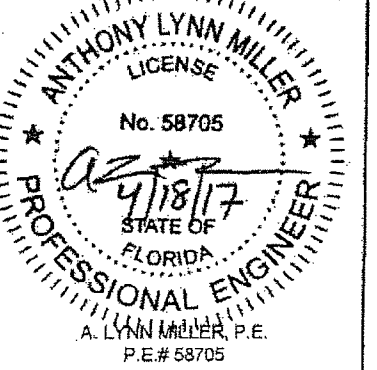
NOTES:

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.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 17-0219.12
Expiration Date 5/22/24
By *[Signature]*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By *[Signature]*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.06
Expiration Date May 22, 2019
By *[Signature]*
Miami Dade Product Control

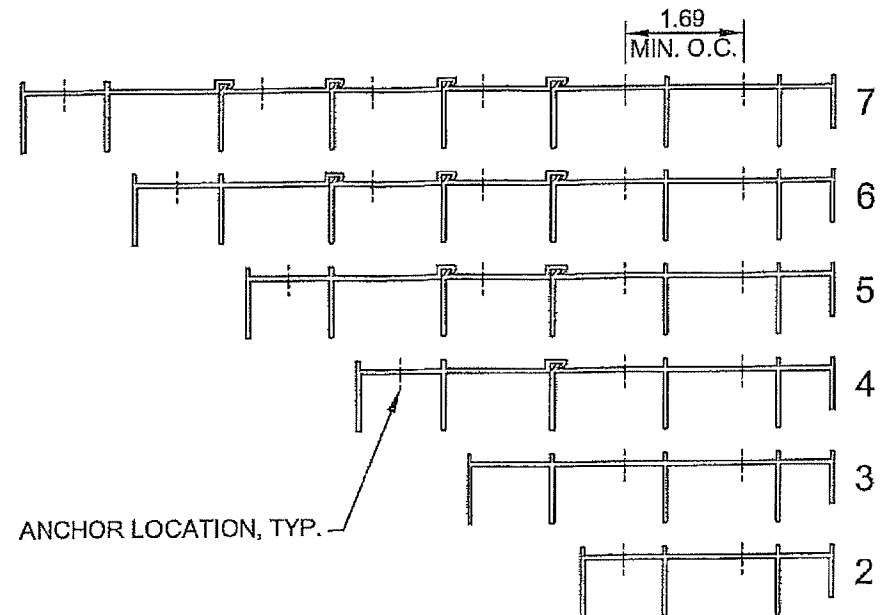


Revised By: JR	Date: 04/05/17	Revisions: M	NO CHANGES THIS SHEET.
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
CERT. OF AUTH. #29298
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



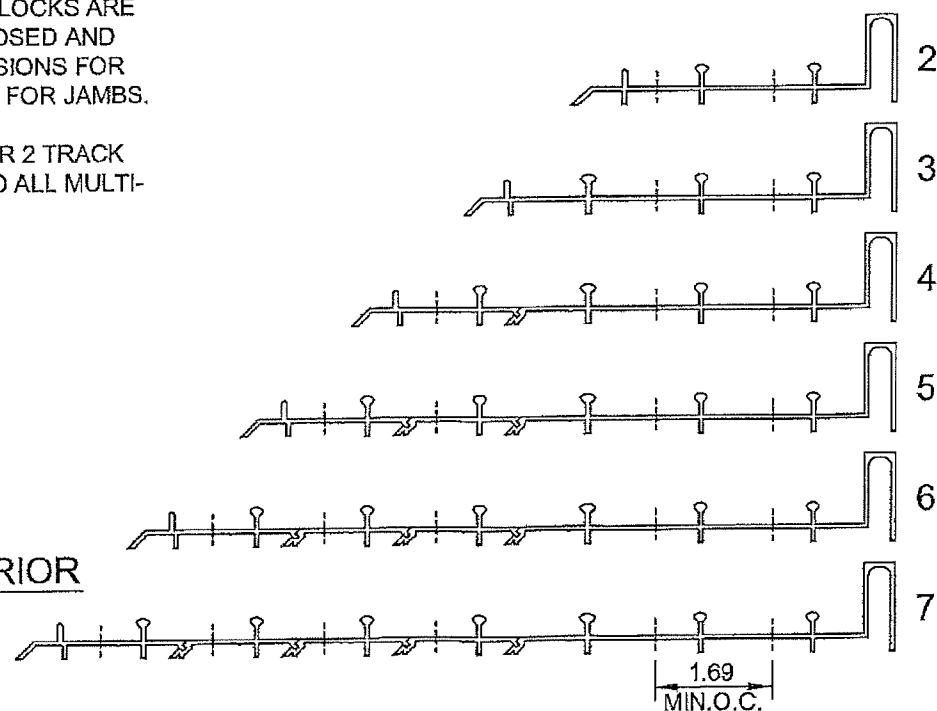
Description: ANCHORAGE DETAILS				
Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT				
Series/Model: SGD2500	Scale: 1/4	Sheet: 17 of 18	Drawing No: 757-1	Rev: M



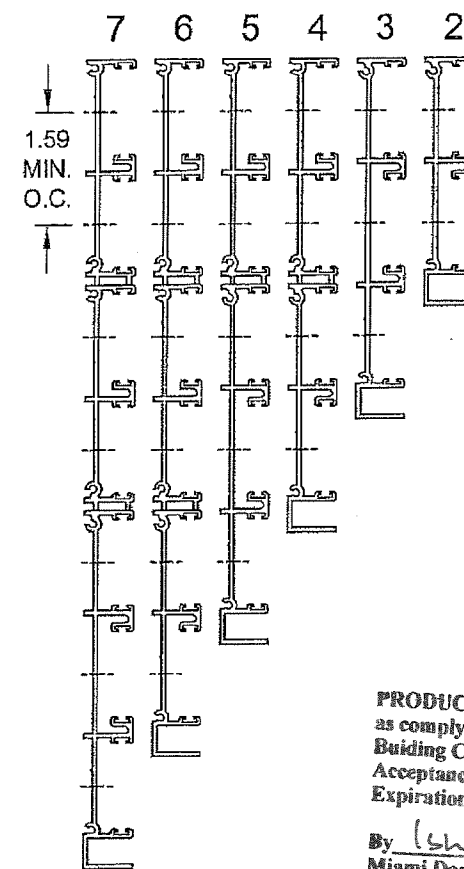
NOTES ON POTENTIAL ANCHOR LOCATIONS:

1. ANCHOR CLUSTER AND QUANTITY INFORMATION FROM TABLE 4, SHEET 16, 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 INTERLOCKS ARE POSITIONED WHEN THE DOOR(S) ARE IN THE CLOSED AND LOCKED POSITION. 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 17 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. 19-0219.12
Expiration Date MAY 22, 2024
By *[Signature]*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.15
Expiration Date 05/22/2018
By *[Signature]*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0207.06
Expiration Date May 22, 2019
By *[Signature]*
Miami Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/18/17
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

Revised By: JR	Date: 04/05/17	Revisions: M	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. #29286
COPYRIGHT © 2017
PGT INDUSTRIES, INC.
ALL RIGHTS RESERVED



Description:
FRAME, POTENTIAL ANCHOR LOCATIONS
Title:
ALUM. SLIDING GLASS WINDOW, NON-IMPACT
Series/Model:
SGD2500
Scale:
1/4
Sheet:
18 of 18
Drawing No.
757-1
Rev:
M