

NOTICE OF ACCEPTANCE (NOA)www.miamidade.gov/economy**PGT Industries****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" Aluminum Sliding Glass Doors w / wo Reinforcements – Non-Impact

APPROVAL DOCUMENT: Drawing No. **757 Rev M**, titled "Alum Sliding Glass Doors-Non-Impact", sheets 1 through 16 of 16, prepared by manufacturer, dated 09-08-04 and last revised on 11/30/11, 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.

2. Use of Table 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. Nominal ¼" max. 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 # 11-1018.11** and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

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

10/9/12

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under file # **11-1018.11**).
2. Drawing No. **757 Rev M**, titled "Alum Sliding Glass Doors-Non-Impact", sheets 1 through 16 of 16, prepared by manufacturer, dated 09-08-04 and last revised on 11/30/11, signed and sealed by Lynn Miller, P.E.

B. TESTS (submitted under file #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 (submitted under file # 11-1018.11)

1. Statement letter dated OCT 11, 2011, compliance to FBC 2007 & FBC 2010, prepared by PGT, signed & sealed by Lynn Miller, P.E.
2. Statement letter dated 10/07/11, Successor Engineer adopting the another engineer's work per FAR 61G15-27-001, signed & sealed by Lynn Miller, P.E.
3. Anchor verification and comparative analysis dated 03-28-07 and last revised on 08/22/07, prepared by PGT, signed and sealed by Robert L. Clark, P.E. (submitted under file # **08-0213.03**)
4. Glazing complies with ASTM E-1300-02 &-04

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS (submitted under file #11-1018.11)

1. Statement letter dated July 25, 2012, compliance to FBC 2010, prepared by PGT, signed & sealed by Lynn Miller, P.E.
2. Statement letter dated OCT 14, 2011, compliance to FBC 2007 & FBC 2010 and "No financial interest", prepared by PGT, signed & sealed by Lynn Miller, P.E.
3. Statement letter of conformance and no financial interest, 03-28-07, signed by Robert L. Clark, P.E. (submitted under file # **08-0213.03**)
4. Letter of lab compliance, part of the above test reports.

G. OTHER

1. This NOA **renews # 11-1018.11**, 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.



Ishaq I. Chanda, P.E.

Product Control Examiner

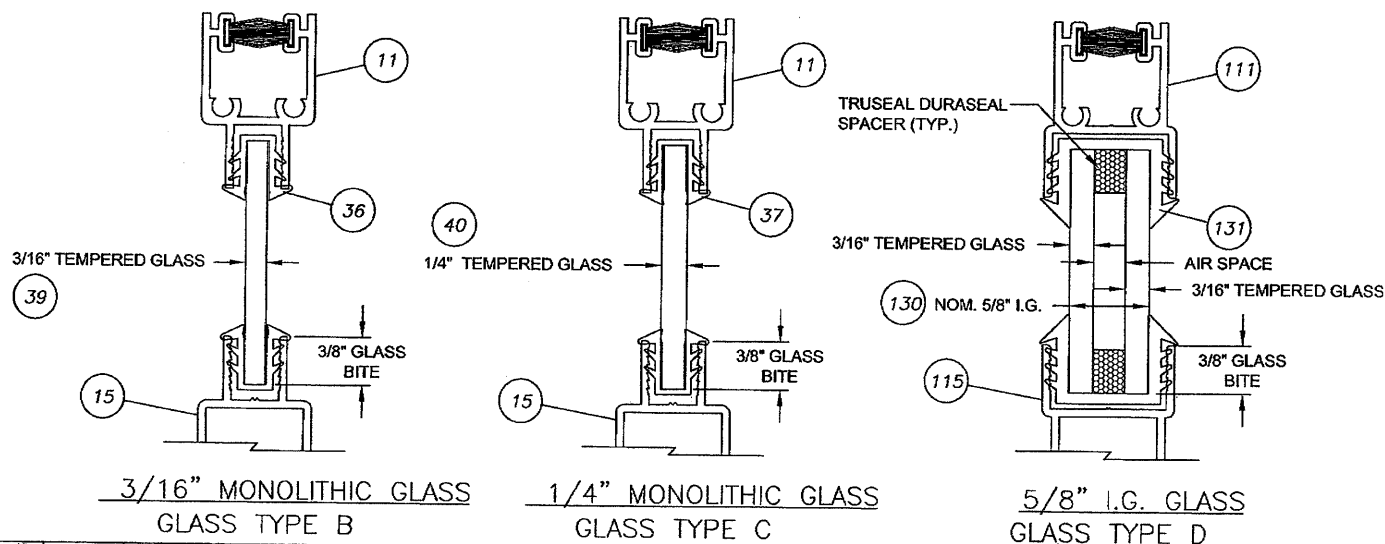
NOA No. 12-0726.03

Expiration Date: May 22, 2018

Approval Date: October 18, 2012

GENERAL NOTES: NON-IMPACT SLIDING GLASS DOOR

1. GLAZING OPTIONS:
 - B. 3/16" TEMPERED GLASS. TEST REPORTS FTL-3116, FTL-3117, 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 1300-02.
 - B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300-02.
 - C. DESIGN PRESSURES OF LESS THAN 40 PSF NOT APPLICABLE IN MIAMI-DADE COUNTY.
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 13 AND 14.
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-4280, FTL-4285, FTL-4341 AND 5095.
 - >ELCO TEXTRON NOA: 04-0721.01, 03-0225.05
 - >ANSI/AF&PA NDS-2005 FOR WOOD CONSTRUCTION
 - >ADM-2005 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



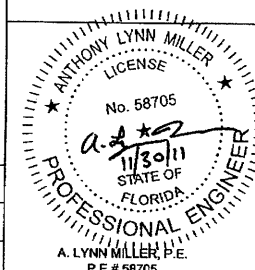
Revised By: F.K.	Date: 9/19/07	Revisions: K	NO CHANGE THIS SHEET	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34276 P.O. BOX 1529 NOKOMIS, FL 34274	PGT Visibly Better	Description: NOTES, GLAZING DETAILS & MAP Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT	Series/Model: SGD2500	Size: NTS	Sheet: 1 of 16	Drawing No.: 757	Rev.: M
Revised By: F.K.	Date: 10/28/07	Revisions: L	NO CHANGE THIS SHEET								
Revised By: J.J.	Date: 10/13/11	Revisions: M	FBC 2010 CODE CHANGE, GLAZING VINYL & SPACER DESCRIPTION								
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06								

NOA DRAWING MAP

	SHEET
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

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 12-0726-03
Expiration Date MAY 22, 2018
By: *Shag J. Linn*
Miami Dade Product Control

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 11-1018-11
Expiration Date 05/22/2013
By: *Shag J. Linn*
Miami Dade Product Control



COMPARATIVE ANALYSIS:

TABLE 1.

>EXTENDED SILL, 2 1/2" HIGH

>SINGLE/SINGLE INTERLOCK

>NO REINFORCEMENT (SEE SECTIONS ON SHEET 6)

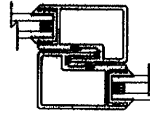
GLASS TYPES:

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 ^b)	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	-85.1	+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

INTERIOR



EXTERIOR

SINGLE/SINGLE
INTERLOCK
NO
REINFORCEMENT**COMPARATIVE ANALYSIS:**

TABLE 3.

>EXTENDED SILL, 2 1/2" HIGH

>SINGLE/DOUBLE INTERLOCK (OUTSIDE)

>FULL REINFORCEMENT (SEE SECTIONS ON SHEET 8)

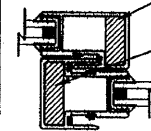
GLASS TYPES:

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 ^b)	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

INTERIOR



EXTERIOR

SINGLE/DOUBLE
INTERLOCK
REINFORCED**COMPARATIVE ANALYSIS:**

TABLE 2.

>EXTENDED SILL, 2 1/2" HIGH

>SINGLE/SINGLE INTERLOCK

>FULL REINFORCEMENT (SEE SECTIONS ON SHEET 7)

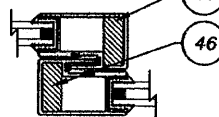
GLASS TYPES:

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 ^b)	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
	B,D	+65.0	-88.6	+65.0	-83.5	+65.0	-78.8	+65.0	-71.1
30" (2 ⁶)	B,D	+65.0	-77.4	+65.0	-72.7	+65.0	-66.7	+61.5	-61.5
	B,D	+65.0	-65.3	+65.0	-65.3	+59.6	-59.6	+54.9	-54.9
42" (3 ⁶)	B,D	+65.0	-65.3	+65.0	-65.3	+59.6	-59.6	+54.9	-54.9
	B,D	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0

INTERIOR



EXTERIOR

SINGLE/SINGLE
INTERLOCK
REINFORCED**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

Revised By: F.K.	Date: 8/19/07	Revisions: K	NO CHANGE THIS SHEET
Revised By: F.K.	Date: 10/29/07	Revisions: L	ADD SILL HT. VS +DP TABLE
Revised By: J.J.	Date: 10/13/11	Revisions: M	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

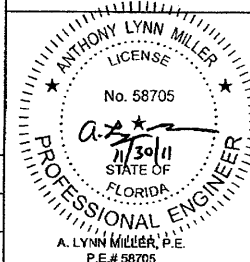
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34276
P.O. BOX 1629
NOKOMIS, FL 34274

PGT
Visibly Better

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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 12-0726-02
Expiration Date 5/22/12
By: [Signature]
Miami Dade Product Center

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1018-11
Expiration Date 05/22/13
By: [Signature]
Miami Dade Product Center



CODE		PANEL TYPES	
A	R.H. INTERLOCK		LOCKSTILE
B	R.H. INTERLOCK		R.H. INTERLOCK
C	R.H. INTERLOCK		REVERSE ASTRAGAL
D	LOCKSTILE		INTERLOCK R.H.
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 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 11 AND 12 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.

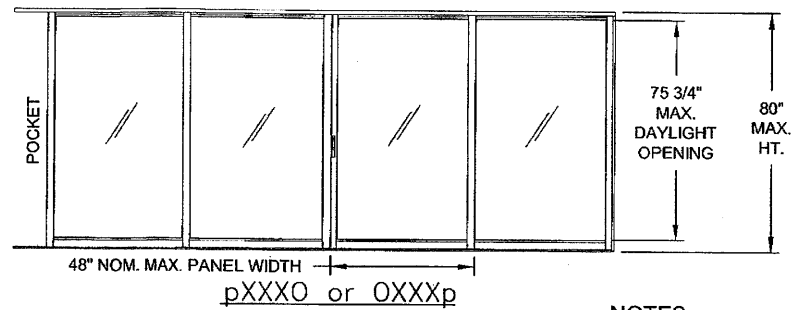
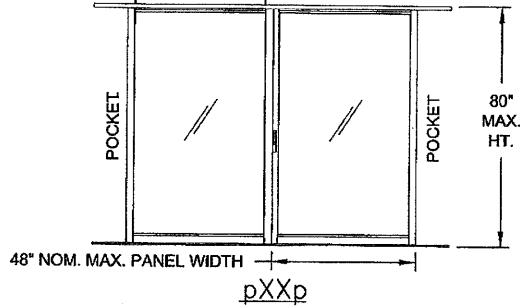
PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 12-072603
Expiration Date 5/22/18
By Ishag I. Chandy
Miami Date Product Control

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 11-1018-11
Expiration Date 5/22/13
By Ishag I. Chandy
Miami Date Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
a.s.
11/30/11
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

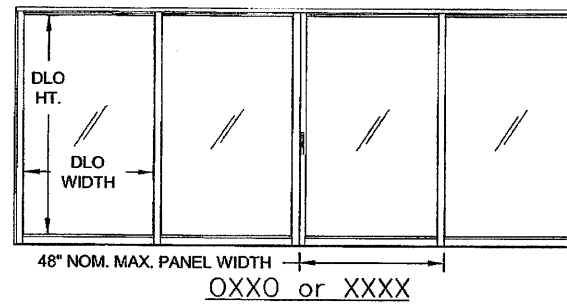
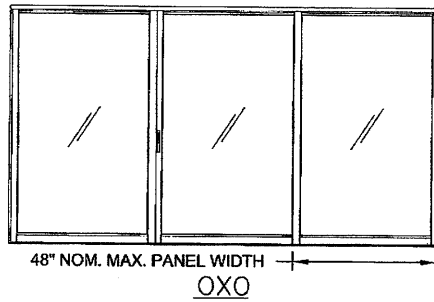
Revised By: F.K. Date: 9/19/07 Revisions: K NO CHANGE THIS SHEET	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	PGT Visibly Better	Description: PANEL TYPES Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT Series/Model: SGD2500 Scale: NTS Sheet: 3 of 16 Drawing No: 757 Rev: M
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44 1/8" MAX. DAYLIGHT OPENING FOR 48" NOMINAL, ALL CONFIGURATIONS

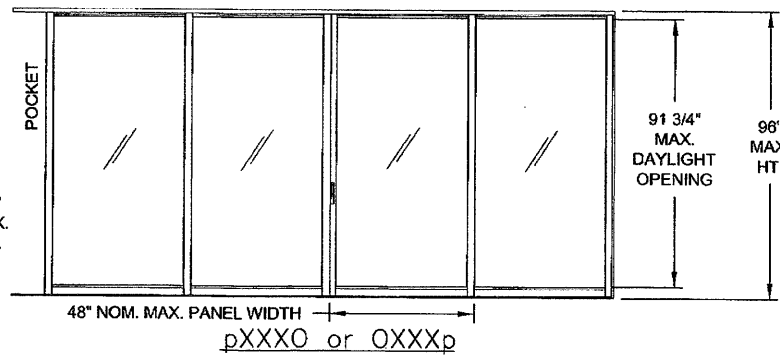
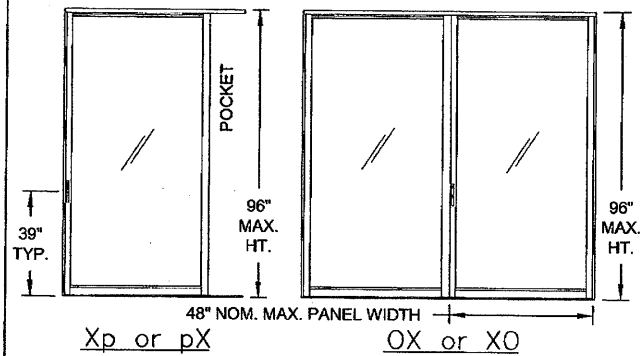


NOTES:

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. 12-0726-03
Expiration Date 5/22/18
By Shane L. Hunt
Miami Dade Product Council



PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 11-1015-11
Expiration Date 5/23/13
By Shane L. Hunt
Miami Dade Product Council

Revised By:	Date:	Revisions:	
F.K.	9/19/07	K	NO CHANGE THIS SHEET
Revised By:	Date:	Revisions:	
F.K.	10/29/07	L	NO CHANGE THIS SHEET
Revised By:	Date:	Revisions:	
J.J.	10/13/11	M	NO CHANGE THIS SHEET
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

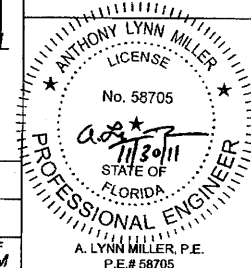
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1528
NOKOMIS, FL 34274

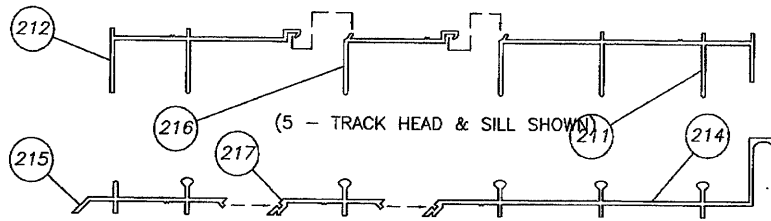
PGT
Visibly Better

EXAMPLE ELEVATIONS

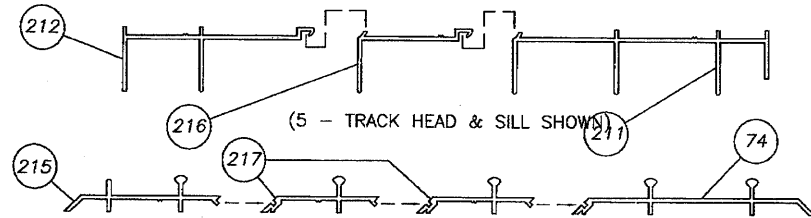
ALUM. SLIDING GLASS DOOR, NON-IMPACT

Series/Model:	Scale:	Sheet:	Drawing No.:	Rev.:
SGD2500	NTS	4 of 16	757	M

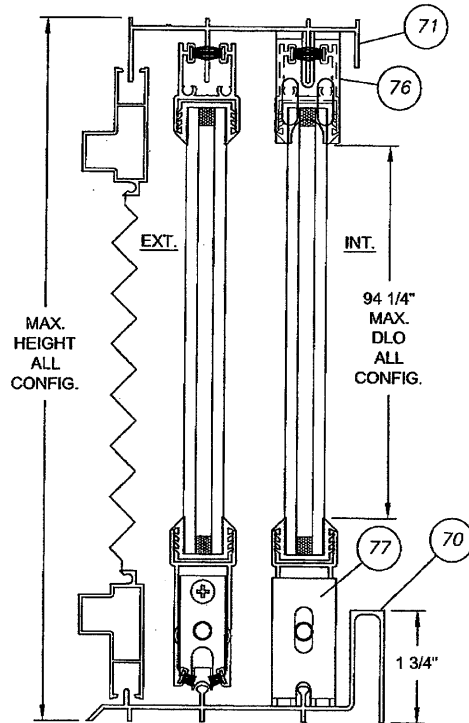




EXAMPLE MULTI-PART EXTERIOR FRAME

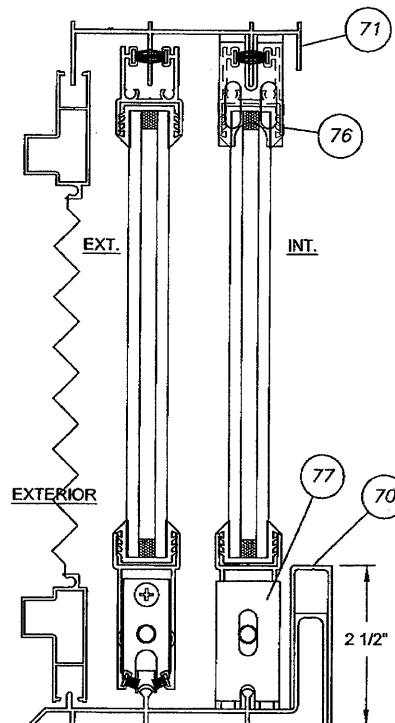


EXAMPLE MULTI-PART INTERIOR FRAME

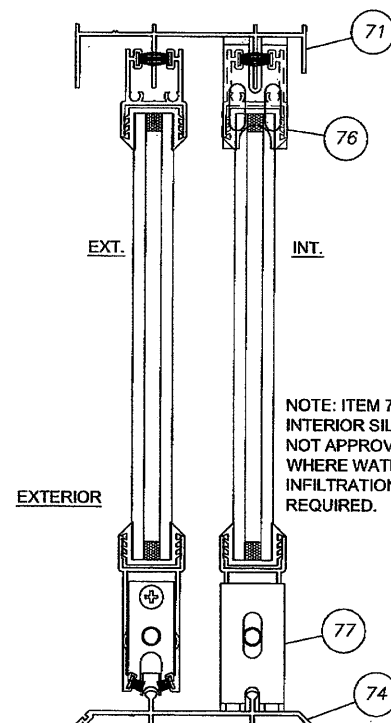


NOTE:
MAX. DP W/ 1 3/4"
SILL = +35.3 PSF

VERTICAL SECT.
STANDARD SILL



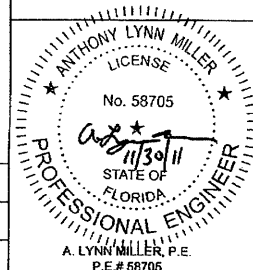
VERTICAL SECT.
EXTENDED SILL



VERTICAL SECT.
INTERIOR SILL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0726-03
Expiration Date 5/22/18
By Isabel L. Llanes
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-1013-11
Expiration Date 5/22/13
By Isabel L. Llanes
Miami Dade Product Control

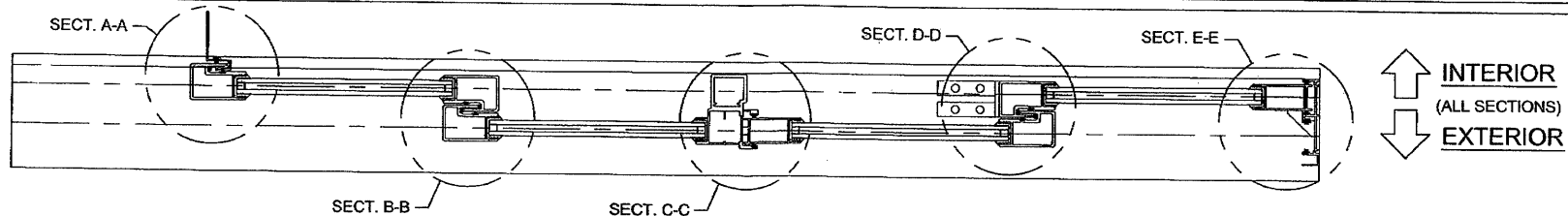


Revised By:	Date:	Revisions:	
F.K.	9/19/07	K	NO CHANGE THIS SHEET
Revised By:	Date:	Revisions:	
F.K.	10/28/07	L	NO CHANGE THIS SHEET
Revised By:	Date:	Revisions:	
J.J.	10/13/11	M	NO CHANGE THIS SHEET
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

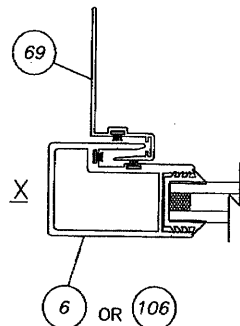
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34278
P.O. BOX 1529
NOKOMIS, FL 34274

PGT
Visibly Better

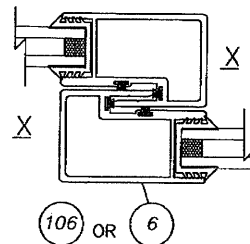
Description:	VERTICAL SECTIONS			
Title:	ALUM. SLIDING GLASS DOOR, NON-IMPACT			
Series/Model:	SGD2500	Scale:	1/2	Sheet:
			5	of 16
Drawing No.	757	Rev:	M	



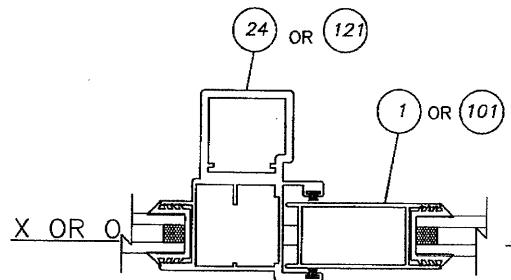
SINGLE/SINGLE INTERLOCK EXAMPLE W/ NO REINFORCEMENT (TABLE 1, SHT. 2 DESIGN PRESSURES)



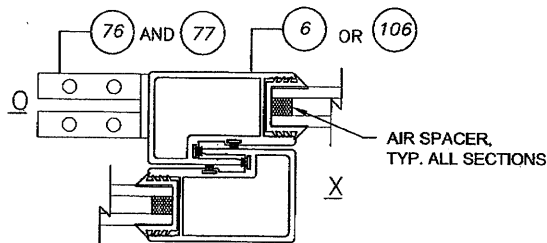
SECT. A-A
MOVABLE INTERLOCK
AT P-HOOK



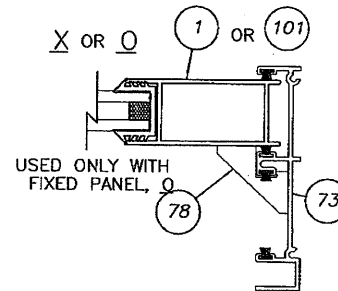
SECT. B-B
MOVABLE SINGLE/SINGLE INTERLOCK



SECT. C-C
LOCKSTILE AT ASTRAGAL



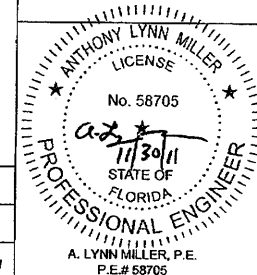
SECT. D-D
FIXED TO MOVABLE SINGLE/SINGLE INTERLOCK



SECT. E-E
LOCKSTILE AT JAMB

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 12-6726-03
Expiration Date 5/22/18
By Anthony L. Miller
Professional Engineer

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1018-11
Expiration Date 5/22/15
By Anthony L. Miller
Professional Engineer



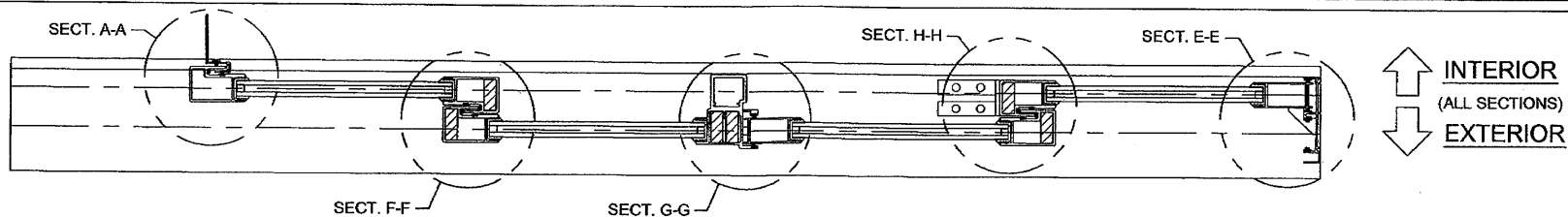
Revised By:	Date:	Revisions:	
F.K.	9/19/07	K	NO CHANGE THIS SHEET
Revised By:	Date:	Revisions:	
F.K.	10/29/07	L	NO CHANGE THIS SHEET
Revised By:	Date:	Revisions:	
J.J.	10/13/11	M	NO CHANGE THIS SHEET
Drawn By:	Date:	Checked By:	Date:
F.K.	08/08/04	J.J.	04/02/06

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

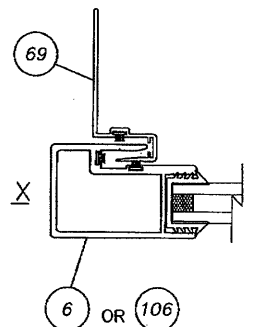
PGT
Visibly Better

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

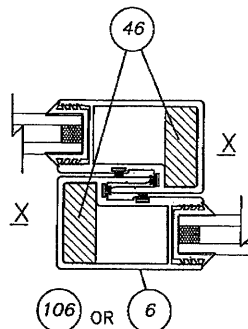
A. LYNN MILLER, P.E.
P.E.# 58705



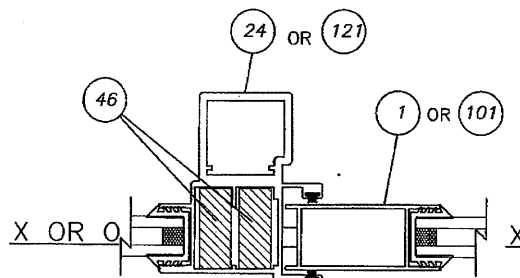
SINGLE/SINGLE INTERLOCK EXAMPLE FULL REINFORCEMENT (TABLE 2, SHT. 2 DESIGN PRESSURES)



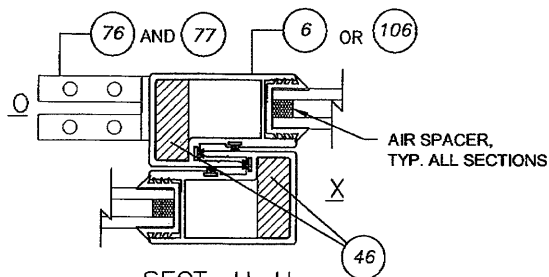
SECT. A-A
MOVABLE INTERLOCK
AT P-HOOK



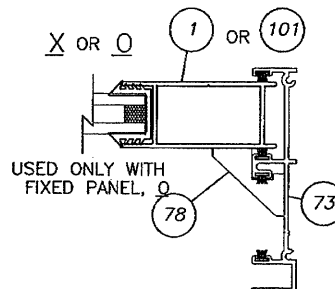
SECT. F-F
MOVABLE SINGLE/SINGLE INTERLOCK



SECT. G-G
LOCKSTILE AT ASTRAGAL



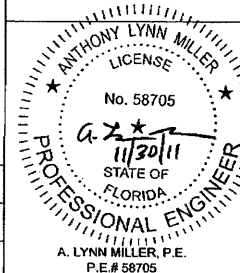
SECT. H-H
FIXED TO MOVABLE SINGLE/SINGLE INTERLOCK



SECT. E-E
LOCKSTILE AT JAMB

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0726-03
Expiration Date 5/22/18
By 12/15/11
Revised Product Drawing

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-018-11
Expiration Date 5/22/13
By 12/15/11
Revised Product Drawing

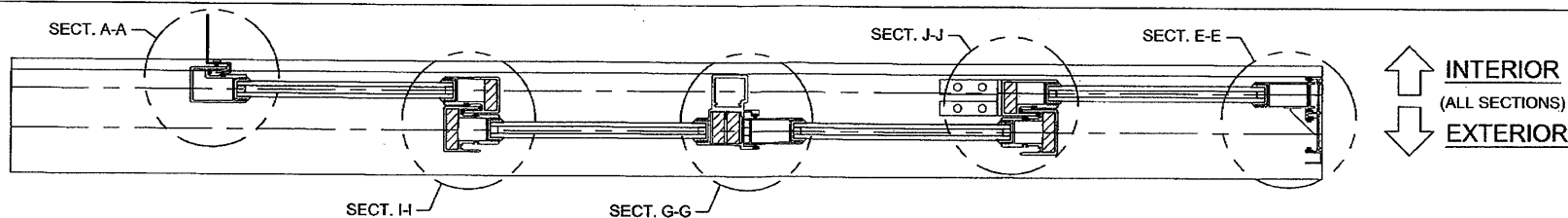


Revised By:	Date:	Revisions:	
F.K.	9/19/07	K	NO CHANGE THIS SHEET
Revised By:	Date:	Revisions:	
F.K.	10/23/07	L	NO CHANGE THIS SHEET
Revised By:	Date:	Revisions:	
J.J.	10/13/11	M	NO CHANGE THIS SHEET
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

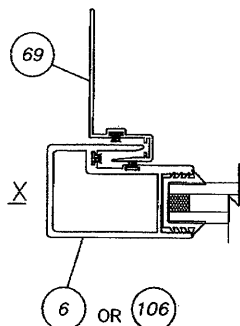
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1629
NOKOMIS, FL 34274

PGT
Visibly Better

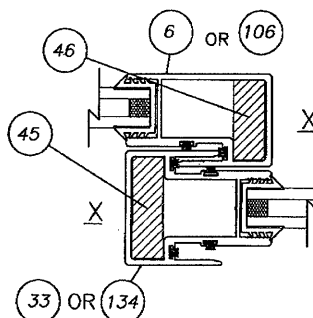
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HORIZONTAL SECTIONS, TABLE 2 - DPS
Title:
ALUM. SLIDING GLASS DOOR, NON-IMPACT
Series/Model:
SGD2500
Scale:
1/2
Sheet:
7 of 16
Drawing No.
757
Rev:
M



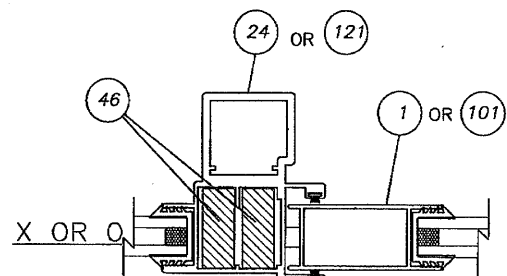
SINGLE/DOUBLE INTERLOCK EXAMPLE FULL REINFORCEMENT (TABLE 3, SHT. 2 DESIGN PRESSURES)



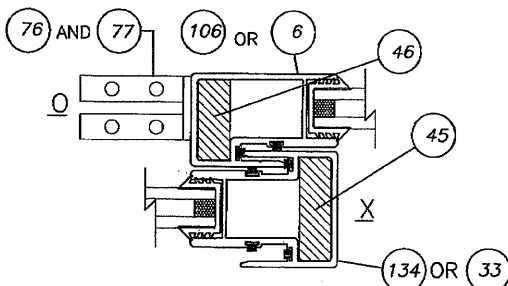
SECTION A-A
MOVABLE INTERLOCK
AT P-HOOK



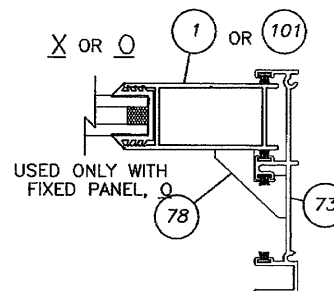
SECTION I-I
MOVABLE SINGLE/DOUBLE INTERLOCK



SECTION G-G
LOCKSTILE AT ASTRAGAL



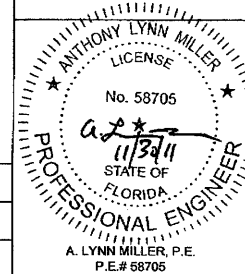
SECTION J-J
FIXED TO MOVABLE SINGLE/SINGLE INTERLOCK



SECTION E-E
LOCKSTILE AT JAMB

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 17-0726-03
Expiration Date 5/22/12
By Ishag I. Chande
Miami Code Product Control

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 11-1018-11
Expiration Date 5/22/13
By Ishag I. Chande
Miami Code Product Control

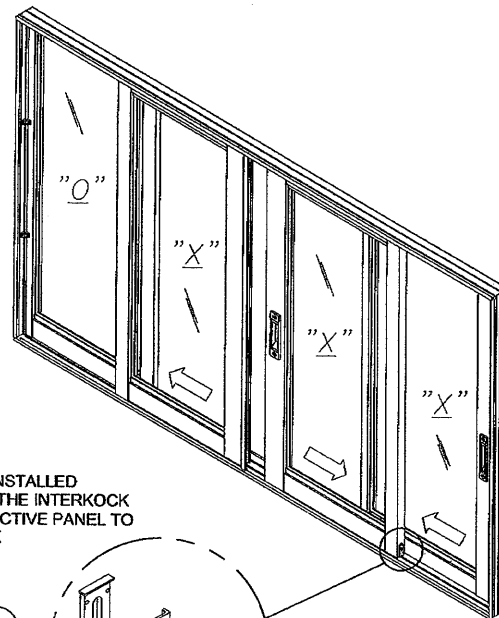


Revised By: F.K.	Date: 9/19/07	Revision: K	NO CHANGE THIS SHEET
Revised By: F.K.	Date: 10/28/07	Revision: L	NO CHANGE THIS SHEET
Revised By: J.J.	Date: 10/13/11	Revision: M	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34276
P.O. BOX 1529
NOKOMIS, FL 34274

PGT
Visibly Better

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



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

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

INSTALL W/ #10x1" SMS (4)

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

INSTALL W/ #10x1" SMS (2)

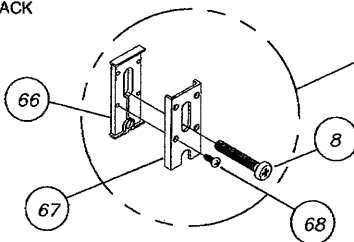
(1) FIXED PANEL CLIP (BOTTOM) INSTALLED ON EACH FIXED PANEL AT THE INTERLOCK POSITION TO ATTACH FIXED PANEL TO FRAME SILL

INSTALL W/ #10x1" SMS (4)

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

FIXED PANELS

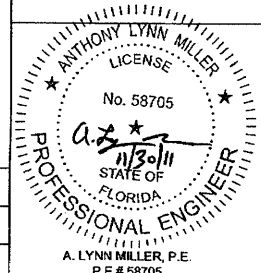
(1) TRACK CLIP ASSEMBLY INSTALLED ON EACH ACTIVE PANEL AT THE INTERLOCK POSITION TO SECURE THE ACTIVE PANEL TO IT'S RESPECTIVE SILL TRACK



OPERABLE PANELS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0726-03
Expiration Date 5/23/13
By *[Signature]*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-1018-11
Expiration Date 5/22/12
By *[Signature]*
Miami Dade Product Control



Revised By: F.K.	Date: 9/19/07	Revisions: K	SHOW PANELS SCREWS TO REINSTALL W/ ITEMS 76 & 77	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34276 P.O. BOX 1629 NOKOMIS, FL 34274	 <i>Visibly Better</i>	Description: TRACK CLIP & FIXED CLIPS INSTALLATION					
Revised By: F.K.	Date: 10/29/07	Revisions: L	NO CHANGE THIS SHEET			Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT					
Revised By: J.J.	Date: 10/13/11	Revisions: M	NO CHANGE THIS SHEET			Series/Model: SGD2500					
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06			Scale: 1/2		Sheet: 9 of 16		Drawing No. 757	

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

ITEM	PART #	DESCRIPTION	PGT#	ITEM	PART #	DESCRIPTION	PGT#
1	708	LOCKSTILE, MONOLITHIC	69362	62	522	COLONIAL INTERSECTION	41630
2		LATCH ASSEMBLY (LOCK)	7LOCK	63	124	APPLIED COLONIAL MUNTIN	66631
3		LATCH ASSEMBLY (DUMMY)	7DUMMY	64	1240	1/16 X 1 FLAT BAR	68926T52
4		#10-32 X 1.25 PH. FL. MS (LATCH)	71114K	66	754	TRACK CLIP GUIDE	41754B/W
6	705	INTERLOCK (STD.), MONOLITHIC	69409	67	756	TRACK CLIP COVER	6756B/W
7	1119	#10 X .750 PH. PN. SMS - S.S.	7S134X	68		#6 X 3/8 PP SMS (18-8 SS)	76X38PPAX
8		1/4-20 X 1.125 PH. PN. MS	71420X118PPMSX	69	740	HOOKSTRIP (P-HOOK)	63713
9	1209	WSTP, .187 X 320 - PILE	6FELTK	70	722A	HIGH-RISE TRACK ADAPTER	69371
11	706	TOP RAIL, MONOLITHIC	68172	71	702	2-TRACK HEAD	68179
12	1281	WSTP, .187 X .290 FIN SEAL	61281W	72	703B	2-TRACK EXTERIOR SILL	6703B
13	725B	TOP PANEL GUIDE	41801	73	704	2-TRACK JAMB	68180
15	707C	BOTTOM RAIL, MONOLITHIC	68173	74	637	2-TRACK INTERIOR SILL	68275
17	726	BOTTOM PANEL GUIDE	41802	76	717	FIXED PANEL CLIP, TOP	7LA 13A
18	661	SINGLE ROLLER ASSY.	7SRAZ	77	717B	FIXED PANEL CLIP, BOTTOM	7717FPCA
19	661	SINGLE ROLLER ASSY. - S.S.	7SRAZ	78	646	FIXED PANEL BRACKET	41814
20	683	TANDEM ROLLER ASSY.	7683Z	90	1136	#6 X 1/2 PP SMS	76X12A
21	683	TANDEM ROLLER ASSY. - S.S.	7683SS	101	736	LOCKSTILE, I.G. GLASS	60392
23	609	ASTRAGAL, MONOLITHIC	68315	106	735	INTERLOCK (STD.) I.G. GLASS	60393
24	720	ASTRAGAL (H.D.), MONOLITHIC	69492	111	618	TOP RAIL, I.G. GLASS	69088
26	653	LATCH KEEPER	7SDKEEP	115	619	BOTTOM RAIL, I.G. GLASS	69089
27	653	LATCH KEEPER - S.S.	7SDKEEPX	121	737	ASTRAGAL, I.G. GLASS	60394
28		#8 X .312 PH. TR. SMS	78X56A	130		5/8" I.G. GLASS; 3/16" TEMPERED	
29	729	JAMB BUMPER	72087K			1/4" SPACE, 3/16" TEMPERED	
30		#6 X .375 PH. PN. SMS	76X38PPA	131	1006	GLAZING VINYL - INSULATED GLASS	658GLK
31	663/664	BUMPER SHIM (.030 OR .060)	41831	134	745	DOUBLE INTERLOCK (STD.), I.G. GLASS	60551
33	734	DOUBLE INTERLOCK (STD.), MONO.	69494	201	629	1 - TRACK HEAD, POCKET DOOR	68176
36	1007	GLAZING VINYL - 3/16	6T304	202	628	1 - TRACK JAMB, POCKET DOOR	6628
37		GLAZING VINYL - 1/4	614GLK	203	666	OPT. SCREEN RAIL, POCKET DOOR	61394
39		3/16" TEMPERED GLASS		204	627	1 - TRACK SILL, EXT. POCKET DOOR	68178M
40		1/4" TEMPERED GLASS		208	631	3 - TRACK HEAD	68182
42	645	ADD-ON STILE (OXO ONLY)	69112	209	632	3 - TRACK JAMB	68183
45	755	1/2 X 1 5/8 REINF. - ALUM	6755M	210	633	3 - TRACK SILL, EXT. W/ SCREEN RAIL	68184M
46	1214	1/2 X 1 1/4 REINF. - ALUM.	61214M	211	613	ADD-ON TRACK HEAD	68187
49	749	REINFORCEMENT SPRING CLIP	7BRKTM25	212	614	ADD-ON TRACK FOR FRAME HEAD	68185
51	1040	MORTICE LOCK (DEAD LATCH)	71040	213	617	2 - TRACK FRAME JAMB, ADD-ON	68188
52	1040-2	MORTICE LOCK (DEAD LATCH) S.S.	71040X	214	615	3 - TRACK SILL, ADD-ON	68189M
53		CYLINDER/HOUSING ASSY. (MORTICE)	70288K	215	616	ADD-ON TRACK W/ SCREEN FOR SILL	68190M
54	1016	#8 X .625 PH. FL. SMS	7858ZA	216	634	ADD-ON HEAD	68186
55	657	BACKING PLATE (MORTICE)	41830N	217	635	ADD-ON SILL	68191M
56	1045	MORTICE HANDLE SET	71045	218	638	LOW-RISE 2 - TRACK SILL, EXTERIOR	68952M
57		COVER PLATE	7VT43	220	636	1 - TRACK SILL, INTERIOR	68274M
58	659	MORTICE LATCH KEEPER	7SDSP5X1	222	671	LOW-RISE 1 - TRACK SILL, EXTERIOR	60803M
60	1239	3/16" APPLIED MUNTIN	68421	225	732	HIGH-RISE TRACK ADAPTER	68313M
61	665	COLONIAL ENDPIECE	41628				

Revised By: F.K.	Date: 8/19/07	Revisions: K	NO CHANGE THIS SHEET
Revised By: F.K.	Date: 10/28/07	Revisions: L	NO CHANGE THIS SHEET
Revised By: J.J.	Date: 10/13/11	Revisions: M	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34276

P.O. BOX 1529
NOKOMIS, FL 34274

PGT
Visibly Better

PARTS LISTS

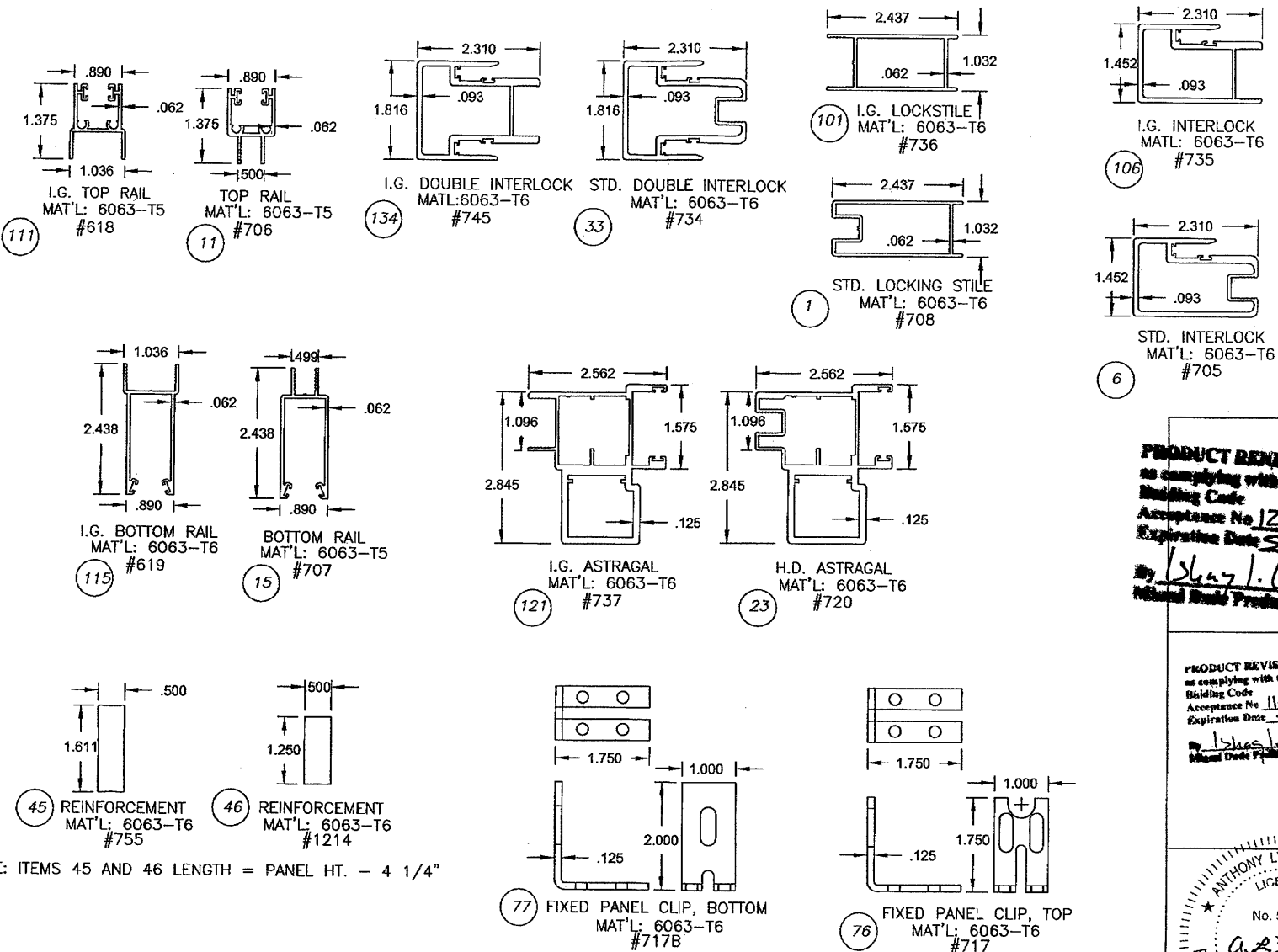
ALUM. SLIDING GLASS DOOR, NON-IMPACT

Customer: SGD2500	Scale: NTS	Sheet: 10 of 16	Drawing No: 757	File: M
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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0726-03
Expiration Date 5/23/18
By Isaac L. Chayle
Isaac L. Chayle, P.E.
Isaac L. Chayle, P.E.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-1018-11
Expiration Date 5/22/13
By Isaac L. Chayle
Isaac L. Chayle, P.E.
Isaac L. Chayle, P.E.

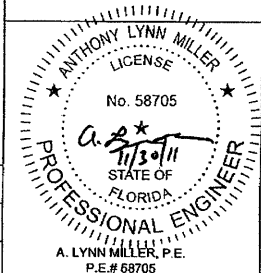
ANTHONY LYNN MILLER
LICENSE
No. 58705
4/30/11
STATE OF
FLORIDA
PROFESSIONAL ENGINEER



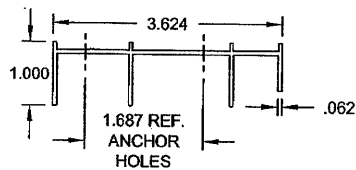
NOTE: ITEMS 45 AND 46 LENGTH = PANEL HT. - 4 1/4"

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No 12-0726-03
Expiration Date 5/22/13
By [Signature]
Miami Dade Product Control

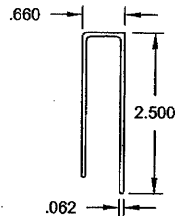
PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No 11-1018-11
Expiration Date 5/22/13
By [Signature]
Miami Dade Product Control



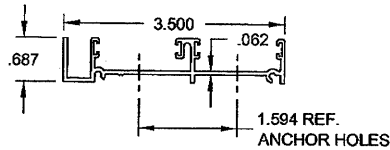
Revised By: F.K.	Date: 9/19/07	Revisions: K	NO CHANGE THIS SHEET	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	PGT Visibly Better	Description: EXTRUSIONS, PANELS Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT Section: SGD2500	Scale: NTS	Sheet: 11 of 16	Drawing No. 757	Rev: M
Revised By: F.K.	Date: 10/29/07	Revisions: L	NO CHANGE THIS SHEET							
Revised By: J.J.	Date: 10/13/11	Revisions: M	NO CHANGE THIS SHEET							
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06							



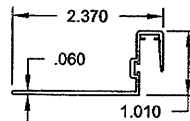
71 2 - TRACK HEAD
MAT'L: 6063-T6
#702



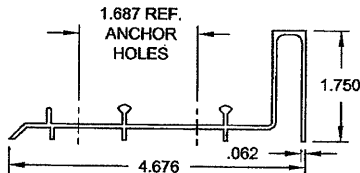
70 HI-RISE TRACK ADAPTER
MAT'L: 6063-T5
#722A



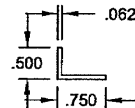
73 2 - TRACK JAMB
MAT'L: 6063-T6
#704



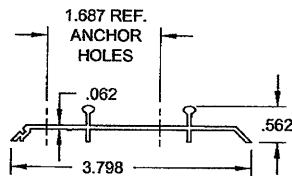
69 HOOKSTRIP
MAT'L: 6063-T5
#740



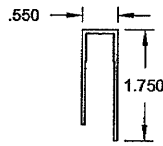
72 2 - TRACK EXTERIOR SILL
MAT'L: 6063-T6
#703B



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



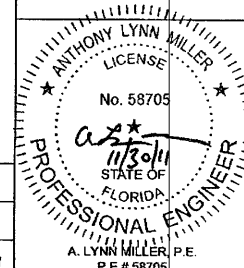
74 2 - TRACK INTERIOR SILL
MAT'L: 6063-T6
#637



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

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as complying with the Florida
Building Code
Acceptance No 12-0726-03
Expiration Date 5/22/13
By *Shag L. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-1018-11
Expiration Date 5/22/13
By *Shag L. Miller*
Miami Dade Product Control



Revised By: F.K.	Date: 9/19/07	Revisions: K	NO CHANGE THIS SHEET
Revised By: F.K.	Date: 10/29/07	Revisions: L	REMOVE ITEMS 201, 202 & 204, 1-TRACK FRAME
Revised By: J.J.	Date: 10/13/11	Revisions: M	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

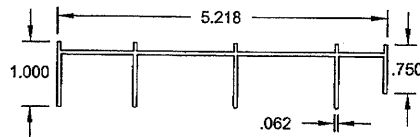
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

PGI
Visibly Better

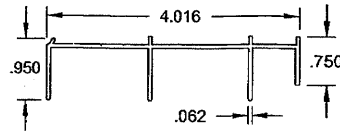
Description: EXTRUSIONS, FRAME	Series/Model: SGD2500	Scale: NTS	Sheet: 12 of 16	Drawing No. 757	Rev. M
Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT					

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

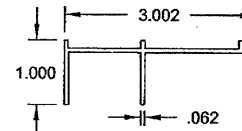
ADDED FRAME COMPONENTS



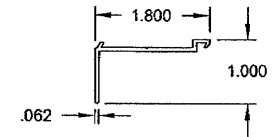
(208) 3 - TRACK HEAD
MAT'L: 6063-T6
#631



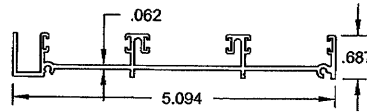
(211) ADD-ON TRACK HEAD
MAT'L: 6063-T6
#613



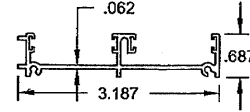
(212) ADD-ON TRACK,
FOR FRAME HEAD
MAT'L: 6063-T6
#614



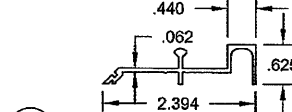
(216) ADD-ON HEAD
MAT'L: 6063-T6
#634



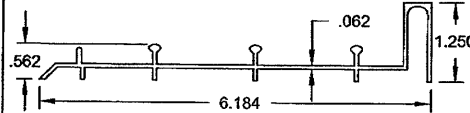
(209) 3 - TRACK JAMB
MAT'L: 6063-T6
#632



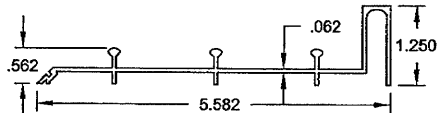
(213) 2 - TRACK FRAME,
JAMB ADD-ON
MAT'L: 6063-T6
#617



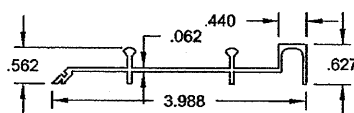
(222) 1 - TRACK SILL, LOW -RISE
EXTERIOR W/ ADD-ON
MAT'L: 6063-T6
#671



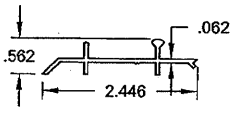
(210) 3 - TRACK SILL, EXTERIOR
W/ SCREEN RAIL
MAT'L: 6063-T6
#633



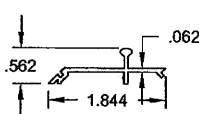
(214) 3 - TRACK ADD-ON SILL
MAT'L: 6063-T6
#615



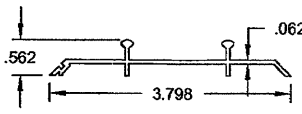
(218) 2 - TRACK SILL, LOW -RISE
EXTERIOR W/ ADD-ON
MAT'L: 6063-T6
#638



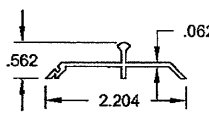
(215) ADD-ON TRACK W/
SCREEN FOR FRAME SILL
MAT'L: 6063-T6
#616



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



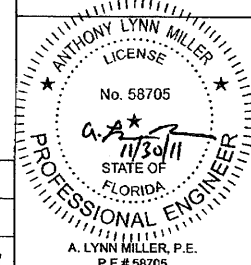
(219) 2 - TRACK SILL,
INTERIOR W/ ADD-ON
MAT'L: 6063-T6
#637



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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0726-03
Expiration Date 5/22/18
By *Shane L. Chumble*
Miami Code Product Control

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as complying with the Florida
Building Code
Acceptance No. 11-10-13-11
Expiration Date 5/22/18
By *Shane L. Chumble*
Miami Code Product Control



Revised By: F.K.	Date: 9/19/07	Revisions: K	NO CHANGE THIS SHEET
Revised By: F.K.	Date: 10/29/07	Revisions: L	NO CHANGE THIS SHEET
Revised By: J.J.	Date: 10/13/11	Revisions: M	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 08/08/04	Checked By:	Date:

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



Description: EXTRUSIONS, FRAME (CONTINUED)			
Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT			
Section/Model: SDD2500	Scale: NTS	Sheet: 13 of 16	Drawing No.: 757
Rev.:			M

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

HEAD & SILL ANCHOR CLUSTERS - JAMB & P-HOOK ANCHOR QUANTITIES

TABLE 4.

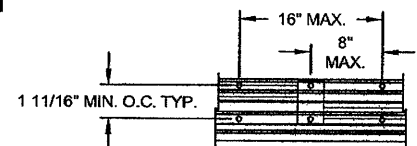
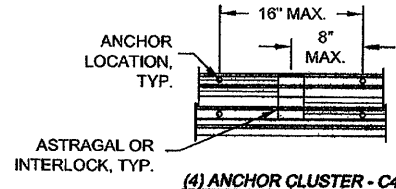
DP TABLE REF. > GLASS TYPE >		SHEET 2, TABLE 1.										SHEET 2, TABLE 2.										SHEET 3, TABLE 3.																	
INTERLOCK & >		B,C OR D										B,C OR D										C OR D																	
REINFORCEMENT		SSN										SSR										SDR																	
ANCHOR TYPE & SUBSTRATE		HEAD & SILL CLUSTER		JAMB		P-HOOK						HEAD & SILL CLUSTER		JAMB		P-HOOK						HEAD & SILL CLUSTER		JAMB		P-HOOK													
NOM. PANEL WIDTH	UNIT HT.	2,3.WOOD		1.CONC		2.CONC		2,3.WOOD		1.CONC		2.CONC						2,3.WOOD		1.CONC		2.CONC		2,3.WOOD		1.CONC		2.CONC		2,3.WOOD		1.CONC		2.CONC					
		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	C8	C8	C6	8	8	8	5	5	5		
24.000	x 80.000	C6	C6	C6	8	8	8	5	5	4	C6	C6	C6	8	8	8	4 <td>5</td> <td>4</td> <td>C8</td> <td>C8</td> <td>C6</td> <td>8</td> <td>8</td> <td>8</td> <td>5</td> <td>5</td> <td>5</td> <td>C8</td> <td>C8</td> <td>C6</td> <td>8</td> <td>8</td> <td>8</td> <td>5</td> <td>5</td> <td>5</td>	5	4	C8	C8	C6	8	8	8	5	5	5	C8	C8	C6	8	8	8	5	5	5		
	84.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	4	5	4	C8	C8	C6	8	8	8	10	5	5	5	C8	C8	C6	8	8	10	5	5	5	
	90.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	4	5	4	C8	C8	C6	8	8	8	10	5	5	5	C8	C8	C6	8	8	10	5	5	5	
	96.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	4	5	4	C8	C8	C6	8	8	8	10	5	5	5	C8	C8	C6	8	8	10	5	5	5	
30.000	x 80.000	C6	C6	C6	8	8	8	5	5	4	C6	C6	C6	8	8	8	5	5	4	C8	C8	C6	8	8	8	10	5	5	5	C8	C8	C6	8	8	10	5	5	5	
	84.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	4	C8	C8	C6	8	10	10	6	6	5	C8	C8	C6	8	10	10	6	6	5		
	90.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	4	C8	C8	C6	8	10	10	6	6	5	C8	C8	C6	8	10	10	6	6	5		
	96.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	4	C8	C8	C6	8	10	10	6	6	5	C8	C8	C6	8	10	10	6	6	5		
36.000	x 80.000	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	C8	C8	C6	10	10	10	6	6	5		
	84.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	5	C8	C8	C6	10	10	10	6	6	5	C8	C8	C6	10	10	10	6	6	5		
	90.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	5	C8	C8	C6	10	10	10	6	6	5	C8	C8	C6	10	10	10	6	6	5		
	96.000	C6	C6	C4	8	8	8	4	4	4	C6	C6	C6	8	8	8	5	5	5	C8	C8	C6	10	10	10	6	6	5	C8	C8	C6	10	10	10	6	6	5		
42.000	x 80.000	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	C6	C6	C6	10	10	10	6	6	5		
	84.000	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5	C6	C6	C6	10	10	10	6	6	5	C6	C6	C6	10	10	10	6	6	5		
	90.000	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5	C6	C6	C6	10	10	10	6	6	5	C6	C6	C6	10	10	10	6	6	5		
	96.000	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5	C6	C6	C6	10	10	10	6	6	5	C6	C6	C6	10	10	10	6	6	5		
48.000	x 80.000	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	C6	C6	C4	10	10	10	6	6	5		
	84.000	C4	C4	C4	8	8	8	4	4	4	C4	C4	C4	8	8	8	4	5	4	C6	C6	C4	8	8	10	5	5	5	C6	C6	C4	10	10	10	6	6	5		
	90.000	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5	C6	C6	C4	10	10	10	6	6	5	C6	C6	C4	10	10	10	6	6	5		
	96.000	C4	C4	C4	8	8	8	4	4	4	C6	C6	C4	8	8	8	5	5	5	C6	C6	C4	10	10	10	6	6	5	C6	C6	C4	10	10	10	6	6	5		

NOTES:

- ANCHOR TYPES:
1 - 1/4" ELCO TAPCON 2 - 1/4" ELCO SS4 CRETE-FLEX 3 - #12 STEEL SCREW (G6)
- GLASS TYPES: B - 3/16" TEMPERED C - 1/4" TEMPERED D - 5/8" TEMPERED I.G.
- INTERLOCK AND REINFORCEMENT KEY:
SSN - SINGLE/SINGLE WITH NO REINFORCEMENT.
SSR - SINGLE/SINGLE WITH FULL REINFORCEMENT.
SDR - SINGLE/DOUBLE WITH FULL REINFORCEMENT.
- ANCHOR QUANTITIES BASED ON THE FOLLOWING SPACING:

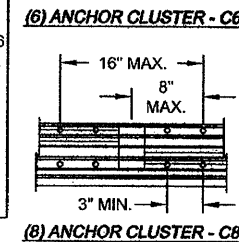
JAMBS AND P-HOOKS SPACING - 6" MAX. FROM CORNERS AND 28" MAX. O.C.

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.

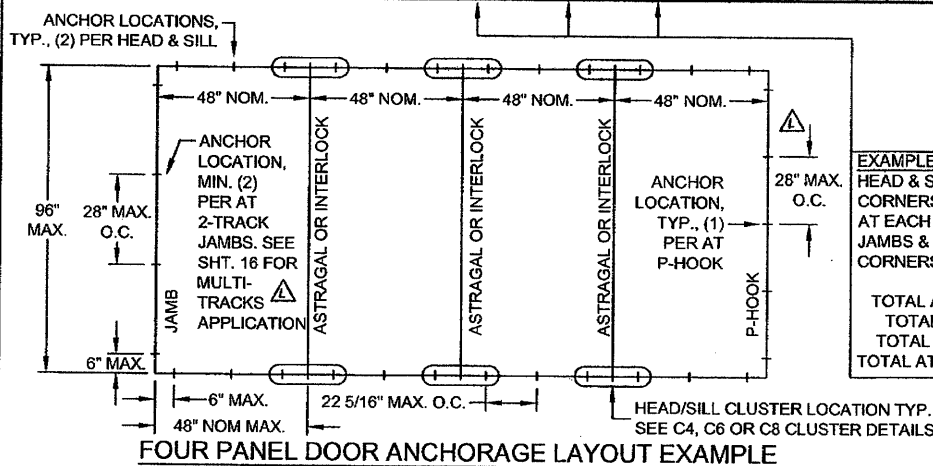


EXAMPLE SOLUTION
HEAD & SILL = 6" MAX. FROM CORNERS, 22 5/16" MAX. O.C. AND C6 AT EACH ASTRAGAL OR INTERLOCK.
JAMBS & P-HOOKS = 6" MAX. FROM CORNERS AND 28" MAX. O.C.

TOTAL AT HEAD = 30 ANCHORS
TOTAL AT SILL = 30 ANCHORS
TOTAL AT JAMB = 8 ANCHORS
TOTAL AT P-HOOK = 5 ANCHORS



CLUSTER DETAILS



Revised By: F.K.	Date: 8/19/07	Revisions: K	INDICATE EXAMPLE SOURCE IN TABLE 4 & PANEL WIDTH.
Revised By: F.K.	Date: 10/29/07	Revisions: L	ADD P-HOOK MAX. SPACING & JAMB MIN./MULTI-TRACK NOTE.
Revised By: J.J.	Date: 10/13/11	Revisions: M	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 08/08/04	Checked By: J.J.	Date: 04/02/06

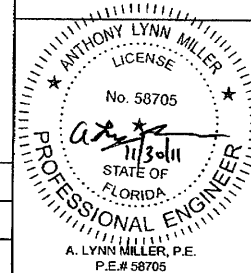
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1629
NOKOMIS, FL 34274

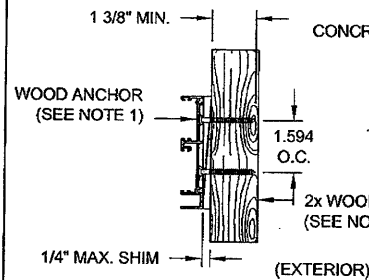


Description: ANCHORAGE SPACING			
Title: ALUM. SLIDING GLASS DOOR, NON-IMPACT			
Revised By: SGD2500	Scale: NTS	Sheet: 14 of 16	Drawing No. 757
Revised By: M	Scale: NTS	Sheet: 14 of 16	Drawing No. 757

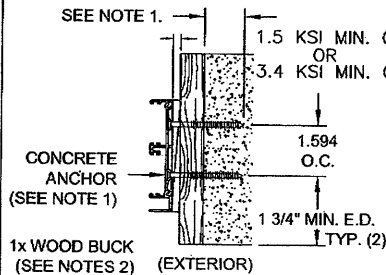
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 12-0726-03
Expiration Date 5/22/18
By: Anthony L. Miller
Professional Engineer

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 11-1013-11
Expiration Date 5/22/13
By: Anthony L. Miller
Professional Engineer



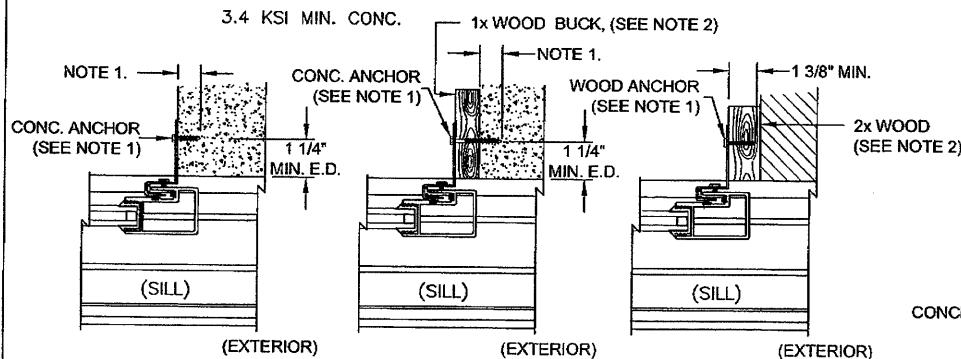


DETAIL - F



DETAIL - E

TYPICAL FRAME JAMB INSTALLATIONS



DETAIL - G

DETAIL - H

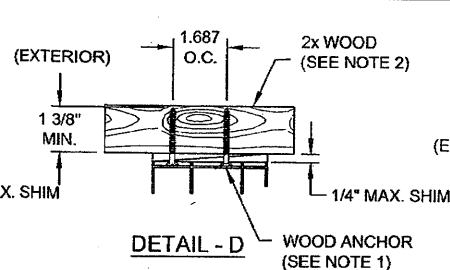
DETAIL - I

TYPICAL POCKET P-HOOK INSTALLATIONS

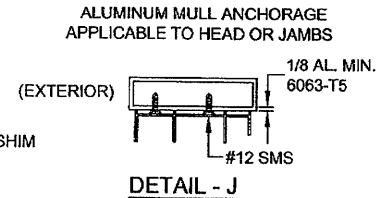
NOTES:

1. FOR CONCRETE INSTALLATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ELCO 1/4" TAPCONS EMBEDDED 1 3/8" MIN. 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". 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.
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.

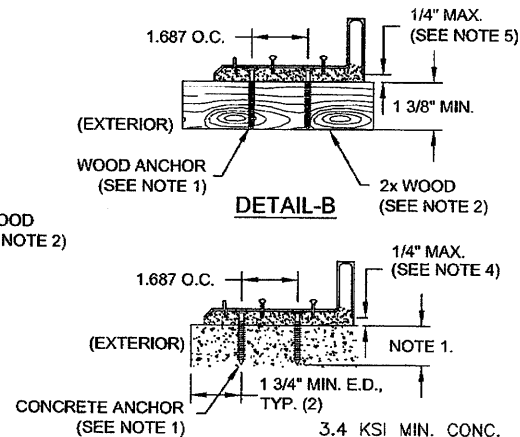
TYPICAL FRAME HEAD INSTALLATIONS



DETAIL - D



DETAIL - J



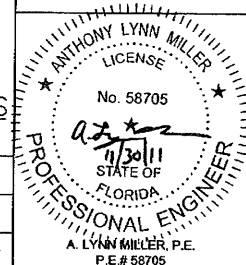
DETAIL - A

DETAIL - B

TYPICAL FRAME SILL INSTALLATIONS

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 12-072603
Expiration Date 5/27/18
By *Anthony Lynn Miller*
Professional Engineer

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1019-11
Expiration Date 5/27/13
By *Anthony Lynn Miller*
Professional Engineer

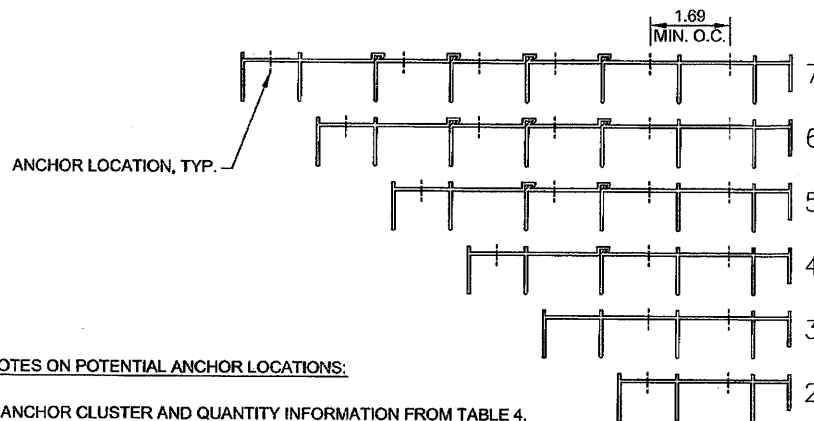


Revised By:	Date:	Revisions:	
F.K.	9/19/07	K	NO CHANGE THIS SHEET
Revised By:	Date:	Revisions:	
F.K.	10/29/07	L	NO CHANGE THIS SHEET
Revised By:	Date:	Revisions:	
J.J.	10/13/11	M	NO CHANGE THIS SHEET
Drawn By:	Date:	Checked By:	Date:
F.K.	09/08/04	J.J.	04/02/06

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



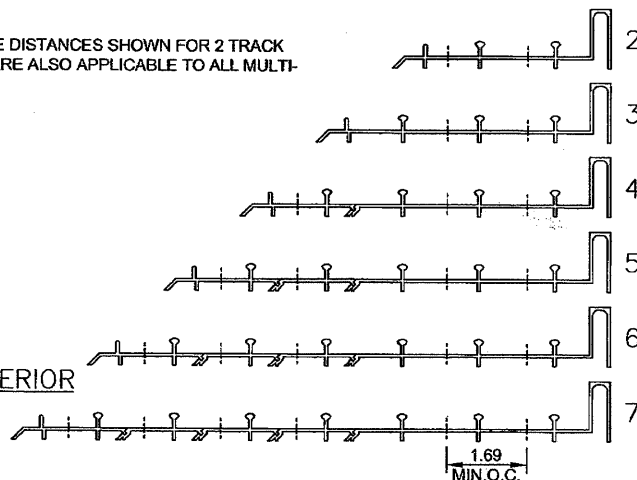
Description:	ANCHORAGE DETAILS		
Title:	ALUM. SLIDING GLASS DOOR, NON-IMPACT		
Series/Model:	SGD2500	Scale:	1/4"
Sheet:	15 of 16	Drawing No.	757
Rev:	M		



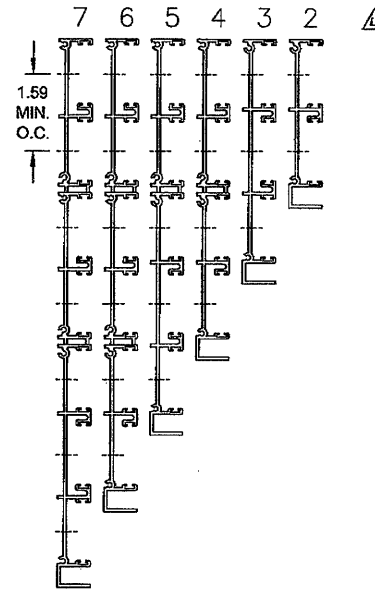
NOTES ON POTENTIAL ANCHOR LOCATIONS:

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 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 15 ARE ALSO APPLICABLE TO ALL MULTI-TRACK SECTIONS.

HEAD/SILL EXTERIOR



JAMB INTERIOR

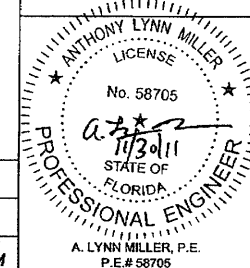


JAMB EXTERIOR

HEAD/SILL INTERIOR

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 12-0726-03
 Expiration Date MAY 22, 2018
 By Ishag J. Chaudhary
 Miami Based Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 11-1019-11
 Expiration Date 05/22/2013
 By Ishag J. Chaudhary
 Miami Based Product Control



Revised By: F.K.	Date: 9/18/07	Revisions: K	NO CHANGE THIS SHEET
Revised By: F.K.	Date: 10/28/07	Revisions: L	REMOVE 1-TRACK FRAME
Revised By: J.J.	Date: 10/13/11	Revisions: M	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/08

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



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