



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

PGT Industries
1070 Technology Drive
Nokomis, FL 34275

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-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. PERA 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 "SDG-2500" Aluminum Sliding Glass Window w/ wo Reinforcements - N.I.

APPROVAL DOCUMENT: Drawing No. 757-1, titled "Alum. Sliding Glass Windows-Non-Impact", sheets 1 through 18 of 18, prepared by manufacturer, dated 03/01/07 with revision "K" dated 10/14/11, signed and sealed by Anthony Lynn Miller, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None.

LIMITATIONS:

1. Use of Table 1, requires No reinforcements.
2. Use of Table 2 and 3 require full reinforcement per sheets 8 & 9 of the drawing.

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

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

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

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

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

This NOA revises NOA No. 08-0213.04 and consists of this page 1, evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
1/25/12

NOA No. 11-1110.16
Expiration Date: May 22, 2013
Approval Date: February 02, 2012
Page 1

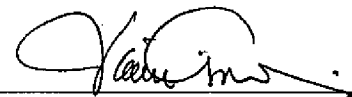
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA's No.'s 07-0403.01, 04-1220.05, 02-0701.03 and 96-1023.03)
2. Drawing No. 757-1, titled "Alum. Sliding Glass Windows-Non-Impact", sheets 1 through 18 of 18, prepared by manufacturer, dated 03/01/07 with revision "K" dated 10/14/11, 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 (b) and, TAS 202-94
along with marked-up drawings and installation diagram of aluminum sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5095**, dated 12/13/06, all signed and sealed by Edmundo Largaespada, P. E.
(Submitted under previous 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 (b) and, TAS 202-94
along with marked-up drawings and installation diagram of aluminum sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.'s **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 and 26, 09/19 and 28/04, all signed and sealed by Edmundo Largaespada, P. E.
(Submitted under previous NOA No. 04-1220.05)
3. Test reports on: 1) Air Infiltration Test, per SBC, PA 202-94
2) Uniform Static Air Pressure Test, Loading per SBC, PA 202-94
3) Water Resistance Test, per SBC, PA 202-94
4) Forced Entry Test, per SBC, PA 202-94
along with marked-up drawings and installation diagram of aluminum sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.'s **FTL-3102 and FTL-3116**, dated 06/18 and 19/01, all signed and sealed by Luis Figueredo, P. E.
(Submitted under previous NOA No. 02-0701.03)



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 11-1110.16
Expiration Date: May 22, 2013
Approval Date: February 02, 2012

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 SBC, PA 202-94
3) Water Resistance Test, per SBC, PA 202-94
4) Forced Entry Test, per SBC, PA 202-94
along with marked-up drawings and installation diagram of aluminum sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1381**, dated 09/16/96, signed and sealed by Gilbert diamond, P. E.
(Submitted under previous NOA No. 96-1023.03)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, dated 10/30/07 complying with FBC-2007, prepared by manufacture, signed and sealed by Robert L. Clark, P. E.
(Submitted under previous NOA No. 07-0403.01)
2. Glazing complies with ASTM E1300-02/ 04

D. QUALITY ASSURANCE

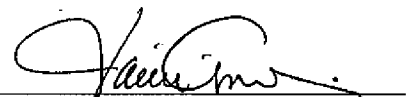
1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance and compliance with the FBC-2007 (with the 2009 supplement) and FBC-2010, dated 10/29/11, signed and sealed by Anthony Lynn Miller, P. E.
2. Statement letter of no financial interest and independence, dated 10/29/11, signed and sealed by Anthony Lynn Miller, P. E.
3. Letter of *Adoption of as his Own, the Work of another Engineer* per Section 61G15-27.001 of the F.B.P.E., dated 10/07/11 signed and sealed by Anthony Lynn Miller, P. E.
4. Statement letter of no financial interest, independence, conformance and compliance with the Florida Building Code, dated 03/28/07 and 02/11/08, both signed and sealed by Anthony Robert L. Clark, P. E.
(Submitted under previous NOA No. 08-0213.04)
5. Proposals No.'s **07-2254** and **04-0404** issued by Product Control, dated 06/01/07 and 09/14/04, both signed by Ishaq Chanda, P. E.
(Submitted under previous NOA No. 07-0403.01)



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 11-1110.16
Expiration Date: May 22, 2013
Approval Date: February 02, 2012

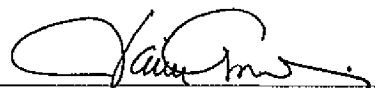
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

6. Laboratory compliance letter for Test Report No. **FTL-5095**, issued by Fenestration Testing Laboratory, Inc., dated 12/13/06, signed and sealed by Edmundo Largaespada, P. E.
(Submitted under previous NOA No. 07-0403.01)
7. Laboratory compliance letter for Test Reports No.'s **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 Largaespada, P. E.
(Submitted under previous NOA No. 04-1220.05)
8. Laboratory compliance letter for Test Reports No.'s **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 previous NOA No. 02-0701.03)
9. 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 previous NOA No. 96-0701.03)

G. OTHERS

1. Notice of Acceptance No. **08-0213.04**, issued to PGT Industries for their Series "SGD-2500 Aluminum Sliding Glass Windows w / wo Reinforcements - N.I." approved on 04/24/08 and expiring on 05/22/13.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 11-1110.16
Expiration Date: May 22, 2013
Approval Date: February 02, 2012

GENERAL NOTES: NON-IMPACT 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, 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 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 1300-02.
- B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300-02.

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 AND 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 TEXTRON NOA: 04-0721.01, 03-0225.05

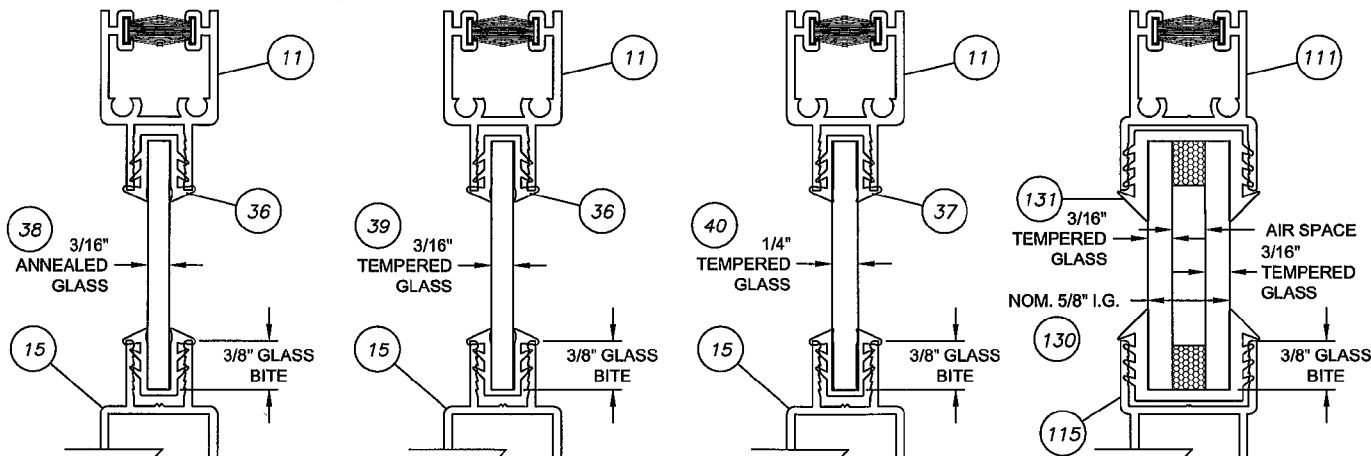
>ANSI/AF&PA NDS-2005 FOR WOOD CONSTRUCTION

>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).

NOA DRAWING MAP

SHEET	
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



3/16" MONOLITHIC GLASS

GLASS TYPE A

3/16" MONOLITHIC GLASS

GLASS TYPE B

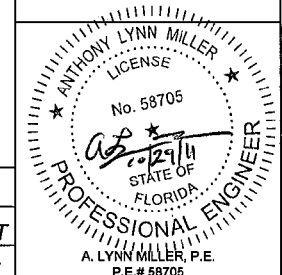
1/4" MONOLITHIC GLASS

GLASS TYPE C

5/8" I.G. GLASS

GLASS TYPE D

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1119.16
Expiration Date 05/22/2013
By *[Signature]*
Miami Dade Product Control



Revised By: F.K.	Date: 9/27/07	Revisions: ADD GLAZING DETAIL A, AND GLASS TYPES TO DETAILS
Revised By: F.K.	Date: 10/22/07	Revisions: J NO CHANGES THIS SHEET
Revised By: J.J.	Date: 10/14/11	Revisions: K FBC 2010 CODE CHANGE
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



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

COMPARATIVE ANALYSIS:

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

TABLE 1.

>EXTENDED SILL, 2 1/2" HIGH

△ B. FTL-4277; 3/16" OR 1/4" TEMPERED

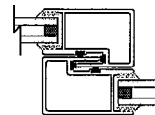
>SINGLE/SINGLE INTERLOCK

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

>NO REINFORCEMENT (SEE SECTIONS SHEET 7)

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)	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

INTERIOR



EXTERIOR

SINGLE/SINGLE
INTERLOCKNO
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/EXCAPE REQUIREMENTS PER THE FBC.

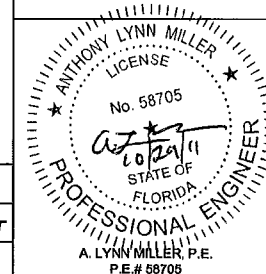
Revised By: F.K.	Date: 9/27/07	Revisions: I	CLARIFY NOTE 1 REGARDING POSITIVE PRESSURE LIMITATION REVISE REINF. REF IN EACH TABLE & ADD INTERLOCK SECTION.
Revised By: F.K.	Date: 10/22/07	Revisions: J	ADD SILL HT. VS +DP TABLE REMOVE TEST REPORTS REFERENCES TO FTL-3117 & FTL-4285
Revised By: J.J.	Date: 10/14/11	Revisions: K	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/09/04	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:**DESIGN PRESSURES, NO REINFORCEMENT****Title:****ALUM. SLIDING GLASS WINDOW, NON-IMPACT**Series/Model:
SGD2500Scale:
NTSSheet:
2 of 18Drawing No.
757-1Rev:
K

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1110.16
Expiration Date: 10/27/2013
By: [Signature]
Miami Dade Product Control



COMPARATIVE ANALYSIS:

>EXTENDED SILL, 2 1/2" HIGH

>SINGLE/SINGLE INTERLOCK

>FULL REINFORCEMENT (SEE SECTIONS SHEET 8)

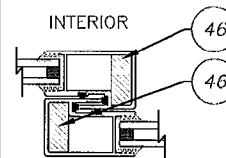
GLASS TYPE:

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 ⁸)	
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)

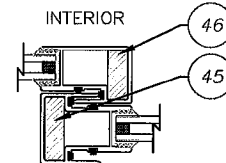
>FULL REINFORCEMENT (SEE SECTIONS SHEET 9)

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 ⁸)	
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

- 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: F.K.	Date: 9/27/07	Revisions: 1	CLARIFY NOTE 1 REGARDING POSITIVE PRESSURE LIMITATION
Revised By: F.K.	Date: 10/22/07	Revisions: J	REVISE REINF. REF IN EACH TABLE & ADD INTERLOCK SECTION.
Revised By: J.J.	Date: 10/14/11	Revisions: K	ADD SILL HT. VS +DP TABLE
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	NO CHANGE THIS SHEET

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

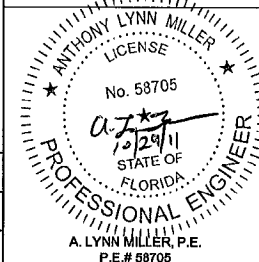
PGI
Visibly Better

Description: DESIGN PRESSURES, REINFORCED

Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT

Series/Model: SGD2600 Scale: NTS Sheet: 3 of 18 Drawing No. 757-1 Rev: K

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By: [Signature]
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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:

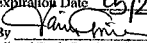
1. MAXIMUM DAYLIGHT OPENING OF THE ADJACENT 48" NOMINAL WIDTH PANEL TYPES IS 44 1/8".
2. MAX. DLO HEIGHT = 75 3/4"
3. CONFIGURATIONS INCLUDE BY-PASS, POCKET AND ANY COMINATION THEREOF (LIMITED TO EIGHT PANELS AND SEVEN TRACK FRAMES) FRAMES OVER 3-TRACKS ARE MADE UP OF THE APPROVED FRAME COMPONENTS SHOWN ON SHEETS 13 AND 14 OF THIS NOA.

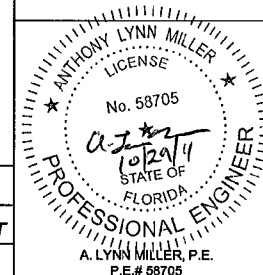
EXAMPLE MAXIMUM CONFIGURATIONS:

- 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	OOX
11	OXO
12	XOX
13	OOO
14	XXX
15	OOXO
16	OOXX
17	XXXX
18	OOXX
19	XXOO
20	OOOX
21	XOOO
22	OOOO
23	XXXX
24	OOXX
25	OX-XXO
26	OX-XXO
27	XXXXO
28	OOOOO
29	XXX-XXX
30	OX-XXXO
31	XXXX-XXXX
32	OX-XXXO

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Miami Dade Product Control



Revised By: F.K.	Date: 9/27/07	Revisions: I	ADD MAX. DLO HEIGHT NOTE 2. AND REVISE NOTE 3.
Revised By: F.K.	Date: 10/22/07	Revisions: J	REMOVE EXCESS FROM NOTE 3 AND ADD CONFIGURATION LIST
Revised By: J.J.	Date: 10/14/11	Revisions: K	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

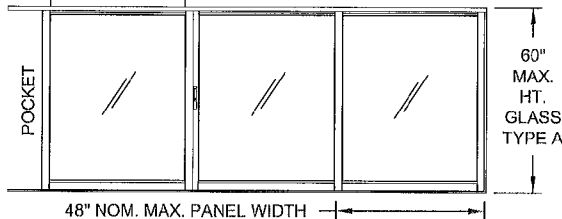
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1629
NOKOMIS, FL 34274



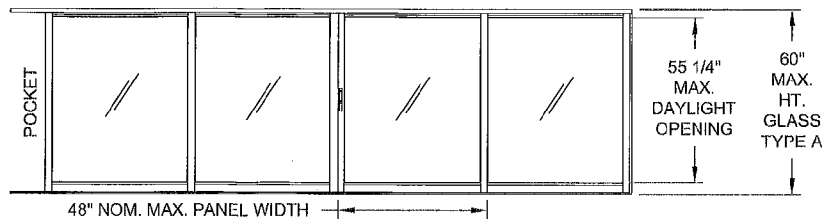
Description: PANEL TYPES		Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT	
Series/Model: SGD2500	Scale: NTS	Sheet: 4 of 18	Drawing No.: 757-1
Rev: K		Rev: K	

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

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



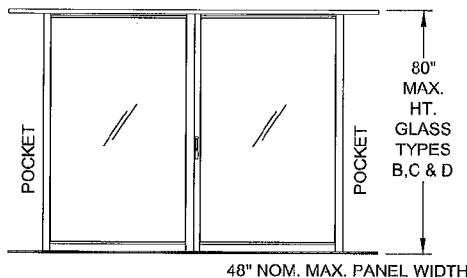
pXXO or OXXp



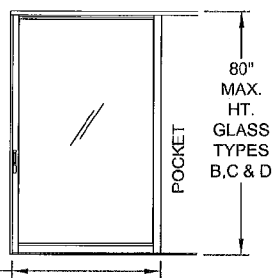
pXXXO or OXXXp

NOTES:

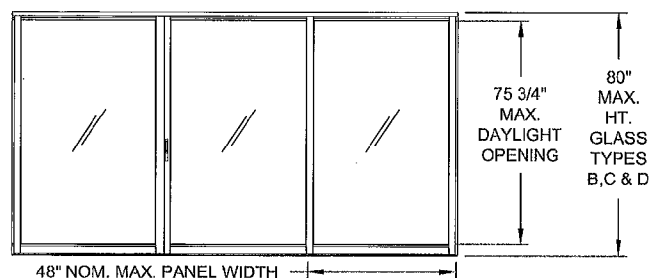
1. SEE SHEET 4 FOR PANEL TYPES.
2. DLO WIDTH = NOMINAL WIDTH - 3 7/8"
3. DLO HEIGHT = WINDOW HEIGHT - 4 1/4"



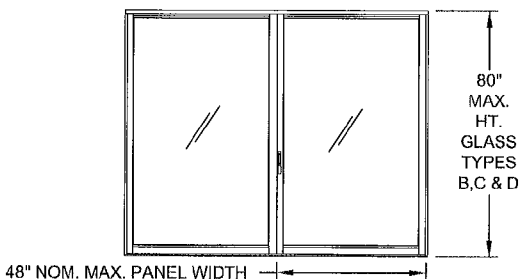
pXXp



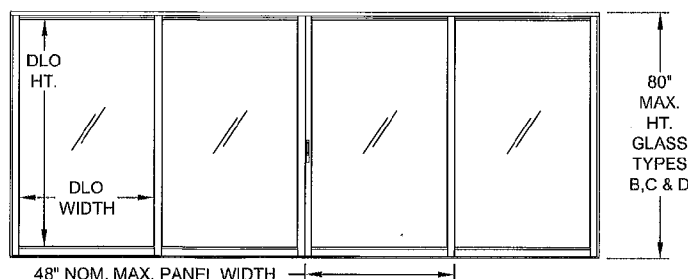
Xp or pX



OXO

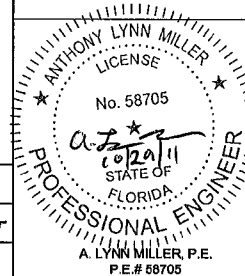


OX or XO



OXXO or XXXX

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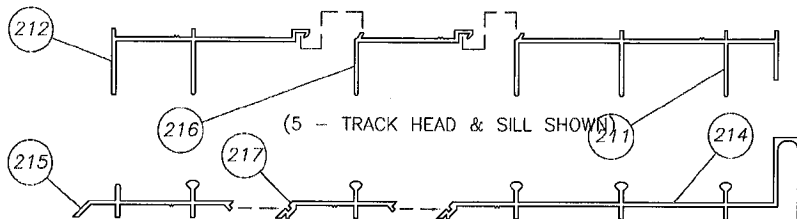


Revised By: F.K.	Date: 9/27/07	Revisions: I	ADD MAX. DIMENSIONS AS INDICATED AND DLO INFO TO NOTES.
Revised By: F.K.	Date: 10/22/07	Revisions: J	NO CHANGES THIS SHEET
Revised By: J.J.	Date: 10/14/11	Revisions: K	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

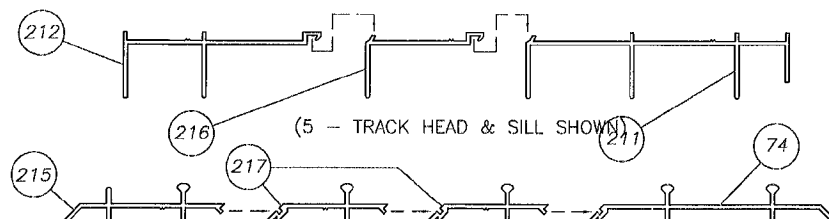
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34276
P.O. BOX 1628
NOKOMIS, FL 34274



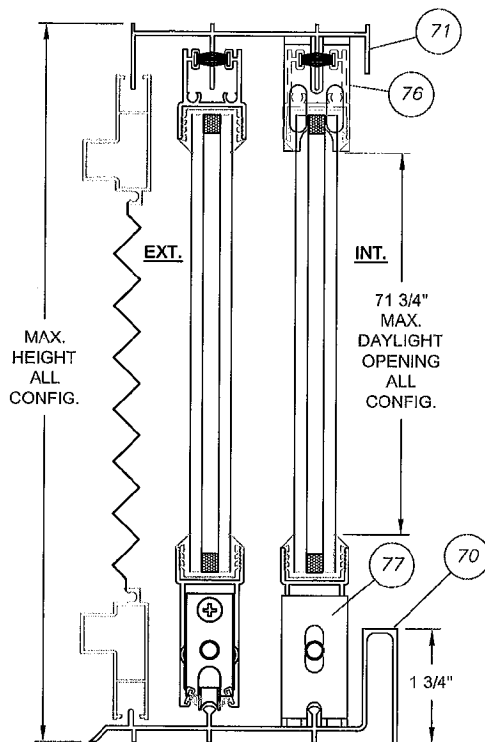
Description: EXAMPLE ELEVATIONS			
Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT			
Series/Model: SGD2500	Scale: NTS	Sheet: 5 of 18	Drawing No. 757-1
Rev: K			



EXAMPLE MULTI-PART EXTERIOR FRAME

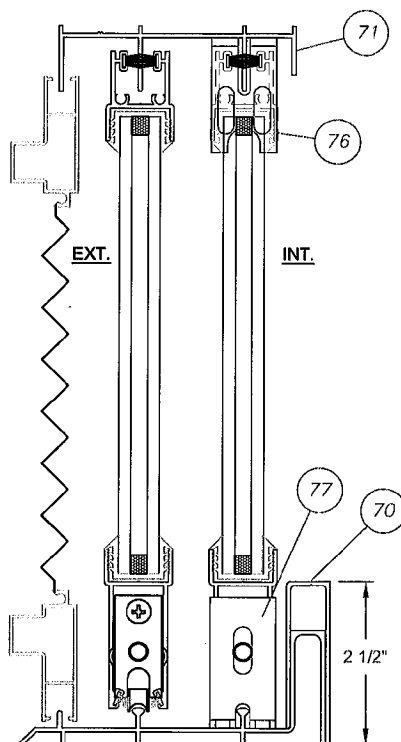


EXAMPLE MULTI-PART INTERIOR FRAME

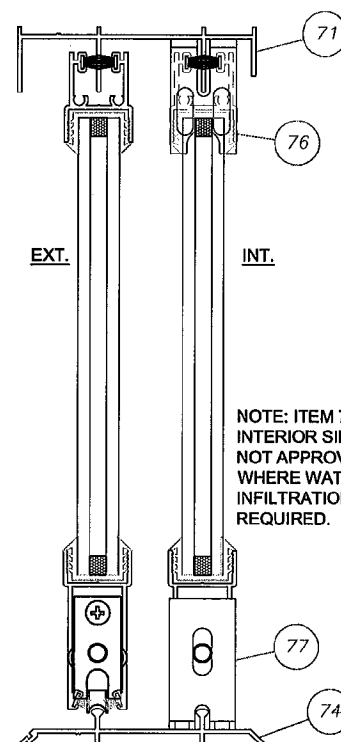


NOTE:
MAX. DP W/ 1 3/4"
SILL = +35.3 PSF

VERTICAL SECT.
STANDARD SILL



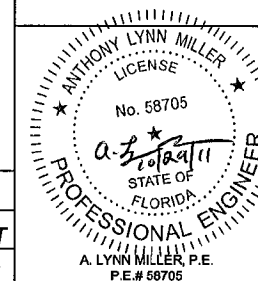
VERTICAL SECT.
EXTENDED SILL



VERTICAL SECT.
INTERIOR SILL

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

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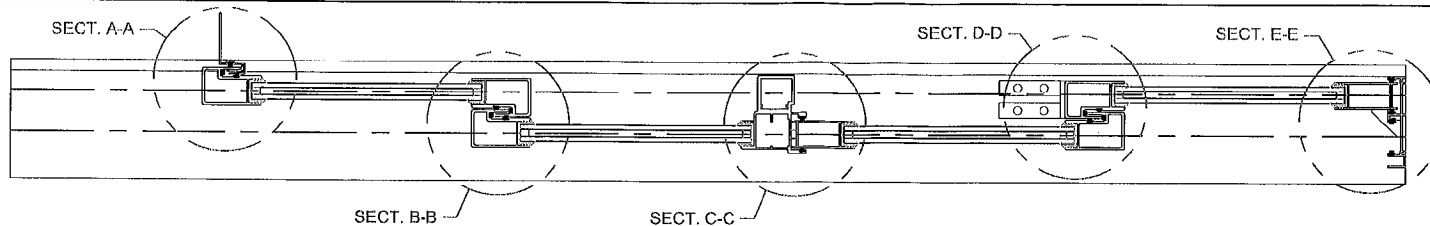


Revised By: F.K.	Date: 9/27/07	Revisions: I	ADD NOTES REGARDING USE OF 1 3/4" SILL & INTERIOR SILL. ADD INTERIOR / EXTERIOR NOTATION TO VERT. SECT.
Revised By: F.K.	Date: 10/22/07	Revisions: J	NO CHANGES THIS SHEET
Revised By: J.J.	Date: 10/14/11	Revisions: K	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

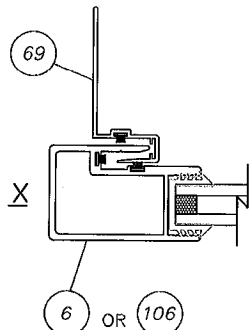
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34276
P.O. BOX 1528
NOKOMIS, FL 34274



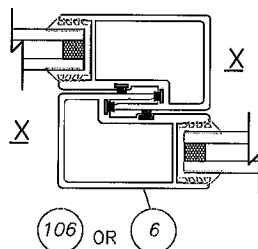
Description: VERTICAL SECTIONS			
Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT			
Series/Model: SGD2600	Scale: 1/2	Sheet: 6 of 18	Drawing No.: 757-1
			Rev: K



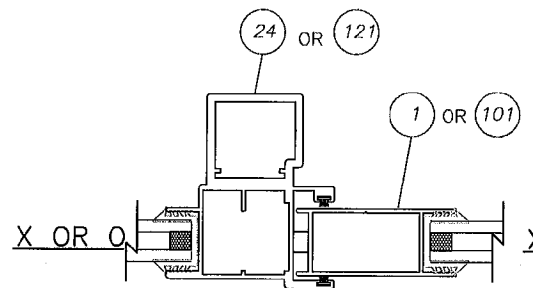
SINGLE/SINGLE INTERLOCK EXAMPLE W/ NO REINFORCEMENT (TABLE 1, SHT. 2 DESIGN PRESSURES)



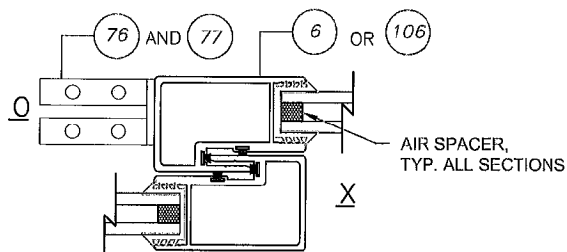
SECT. A-A
MOVABLE INTERLOCK
AT P-HOOK



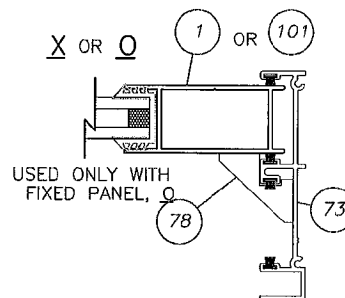
SECT. B-B
MOVABLE SINGLE/SINGLE INTERLOCK



SECT. C-C
LOCKSTILE AT ASTRAGAL

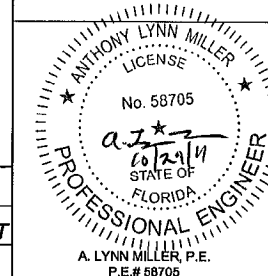


SECT. D-D
FIXED TO MOVABLE SINGLE/SINGLE INTERLOCK



SECT. E-E
LOCKSTILE AT JAMB

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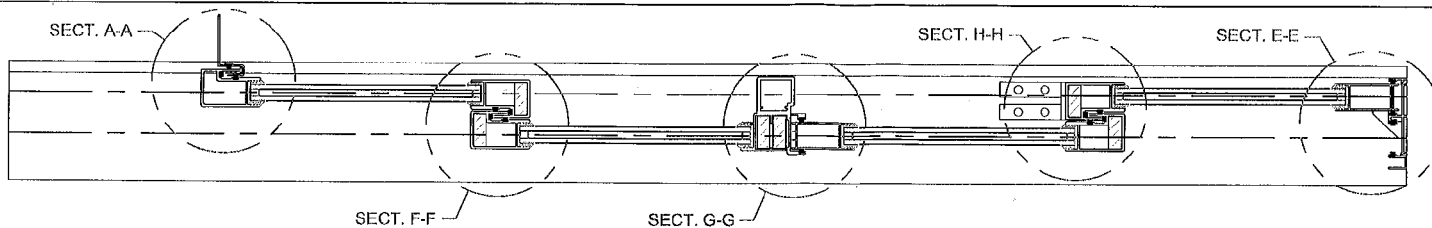


Revised By: F.K.	Date: 9/27/07	Revisions: I	ISOLATE SINGLE/SINGLE INTERLOCK NO REINFORCEMENT SECT.
Revised By: F.K.	Date: 10/22/07	Revisions: J	NO CHANGES THIS SHEET
Revised By: J.J.	Date: 10/14/11	Revisions: K	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/08

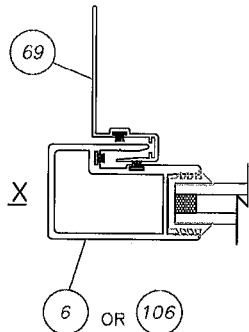
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1629
NOKOMIS, FL 34274



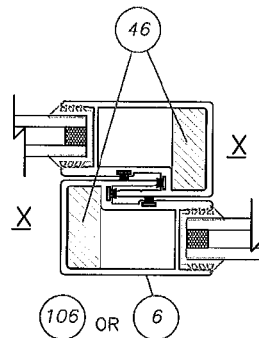
Description: HORIZONTAL SECTIONS, TABLE 1 - DPS	Series/Model: SGD2500	Scale: 1/2	Sheet: 7 of 18	Drawing No. 757-1	Rev. K
Title: ALUM. SLIDING GLASS WINDOW NON-IMPACT					



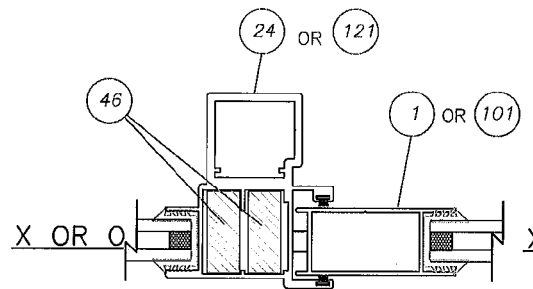
SINGLE/SINGLE INTERLOCK EXAMPLE FULL REINFORCEMENT (TABLE 2, SHT. 3 DESIGN PRESSURES)



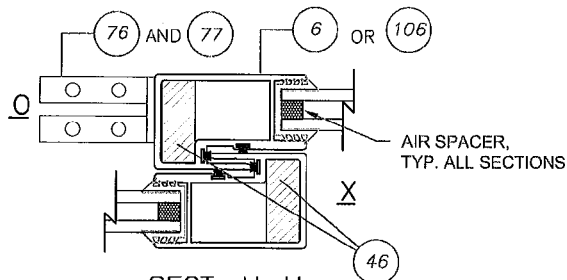
SECT. A-A
MOVABLE INTERLOCK
AT P-HOOK



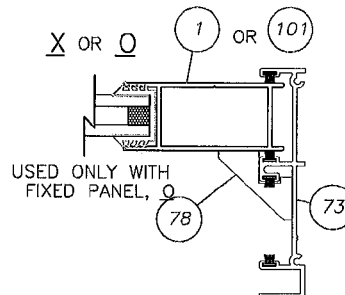
SECT. F-F
MOVABLE SINGLE/SINGLE INTERLOCK



SECT. G-G
LOCKSTILE AT ASTRAGAL

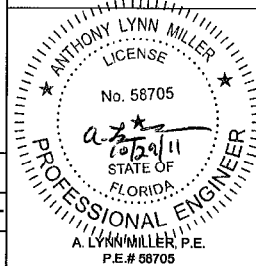


SECT. H-H
FIXED TO MOVABLE SINGLE/SINGLE INTERLOCK



SECT. E-E
LOCKSTILE AT JAMB

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By *[Signature]*
Miami Dade Product Control

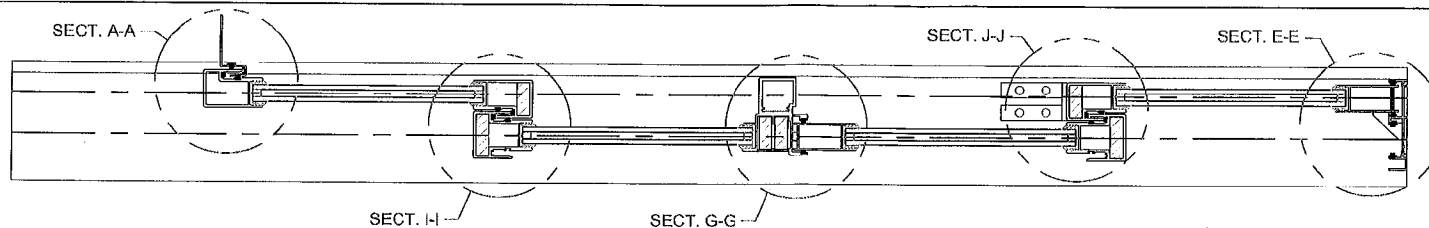


Revised By: F.K.	Date: 9/27/07	Revisions: I	ISOLATE SINGLE/SINGLE INTERLOCK REINFORCED SECTIONS
Revised By: F.K.	Date: 10/22/07	Revisions: J	NO CHANGES THIS SHEET
Revised By: J.J.	Date: 10/14/11	Revisions: K	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

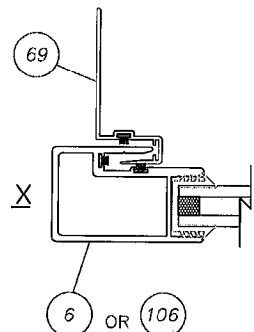
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1629
NOKOMIS, FL 34274



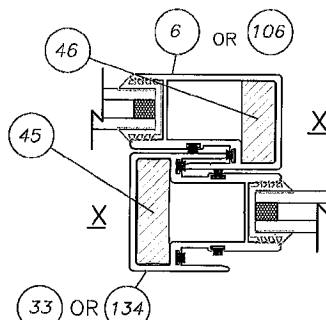
Description: <u>HORIZONTAL SECTIONS, TABLE 2 - DPS</u>			
Title: <u>ALUM. SLIDING GLASS WINDOW NON-IMPACT</u>			
Series/Model: SGD2500	Scale: 1/2	Sheet: 8 of 18	Drawing No. 757-1
			Rev: K



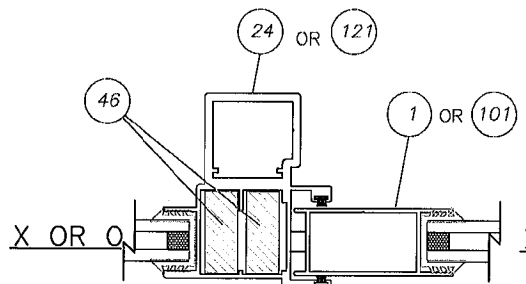
SINGLE/DOUBLE INTERLOCK EXAMPLE FULL REINFORCEMENT (TABLE 3, SHT. 3 DESIGN PRESSURES)



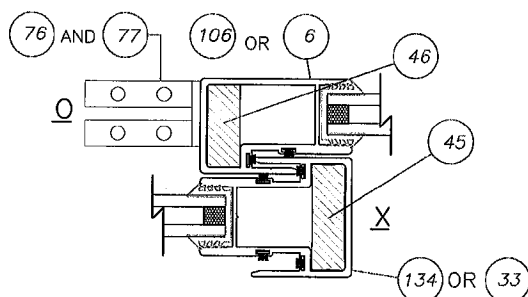
SECTION A-A
MOVABLE INTERLOCK
AT P-HOOK



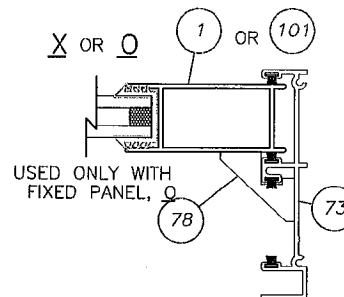
SECTION I-I
MOVABLE SINGLE/DOUBLE INTERLOCK



SECTION G-G
LOCKSTILE AT ASTRAGAL

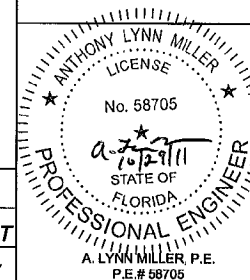


SECTION J-J
FIXED TO MOVABLE SINGLE/SINGLE INTERLOCK



SECTION E-E
LOCKSTILE AT JAMB

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Building Code
Acceptance No. 11-1110.110
Expiration Date 06/22/2013
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Miami Dade Product Control



Revised By: F.K.	Date: 9/27/07	Revisions: I	ISOLATE SINGLE/DOULBE INTERLOCK REINFORCED SECTIONS
Revised By: F.K.	Date: 10/22/07	Revisions: J	NO CHANGES THIS SHEET
Revised By: J.J.	Date: 10/14/11	Revisions: K	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/03/04	Checked By: J.J.	Date: 04/02/06

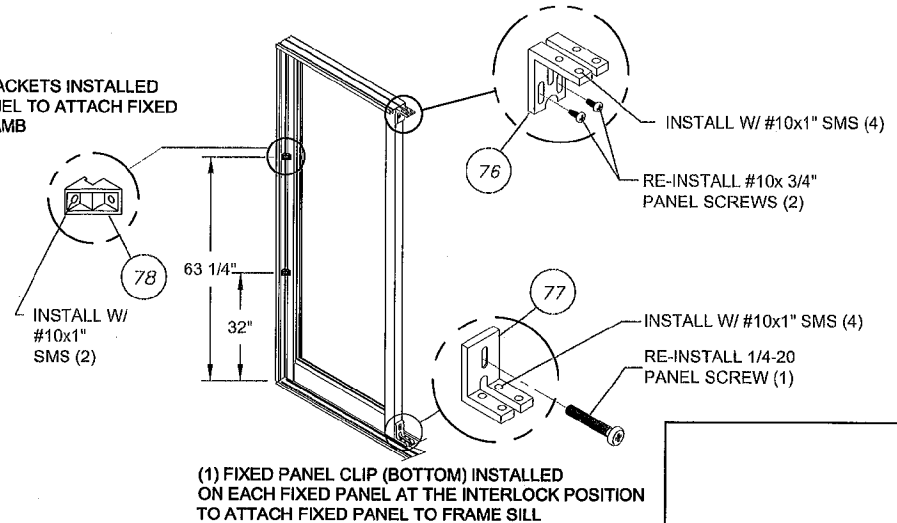
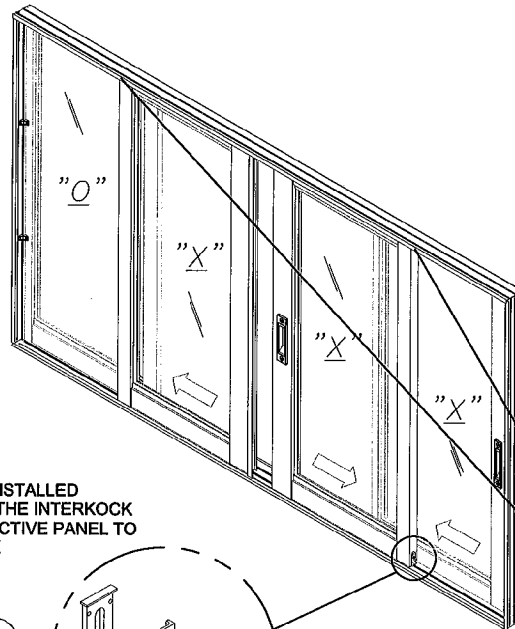
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description: HORIZONTAL SECTIONS, TABLE 3 - DPS	Scale: 1/2	Sheet: 9 of 18	Drawing No. 757-1	Rev: K
Title: ALUM. SLIDING GLASS WINDOW NON-IMPACT	Series/Model: SGD2500			

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

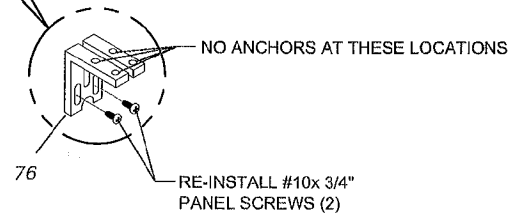
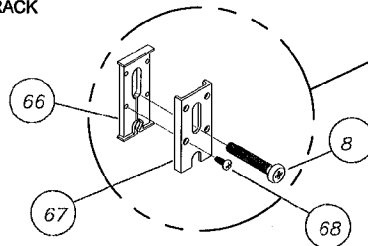
(1) FIXED PANEL CLIP (TOP) INSTALLED ON EACH FIXED PANEL AT THE INTERLOCK POSITION TO ATTACH FIXED PANEL TO FRAME HEAD



FIXED PANELS

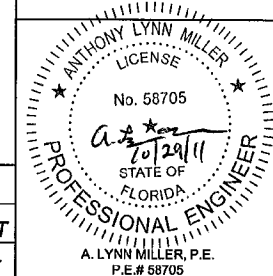
(1) TRACK CLIP ASSEMBLY INSTALLED ON EACH ACTIVE PANEL AT THE INTERLOCK POSITION TO SECURE THE ACTIVE PANEL TO IT'S RESPECTIVE SILL TRACK

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



OPERABLE PANELS

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Acceptance No. 11-1110.16
Expiration Date 10/22/2013
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Revised By: F.K.	Date: 9/27/07	Revisions: I	SHOW PANELS SCREWS TO REINSTALL W/ ITEMS 76 & 77 CHANGE ITEM NO. TO MATCH RESORTED PARTS LIST
Revised By: F.K.	Date: 10/22/07	Revisions: J	NO CHANGES THIS SHEET
Revised By: J.J.	Date: 10/14/11	Revisions: K	ADDED FIXED CLIP TO INTERLOCK TO PREVENT SASH FALLING OUT
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



Description:	TRACK CLIP & FIXED CLIPS INSTALLATION			
Title:	ALUM. SLIDING GLASS WINDOW, NON-IMPACT			
Series/Model:	SGD2500	Scale:	1/2	Sheet: 10 of 18
Drawing No.	757-1	Rev:	K	

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.	7SDKEEPM
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

Revised By: F.K.	Date: 9/27/07	Revisions: I	CONSOLIDATE AND SORT PARTS LIST
Revised By: F.K.	Date: 10/22/07	Revisions: J	DELETE ITEMS 201, 202 AND 204, 1-TRACK FRAMES
Revised By: J.J.	Date: 10/14/11	Revisions: K	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

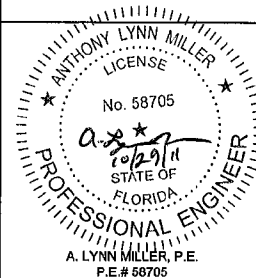
P.O. BOX 1528
NOKOMIS, FL 34274

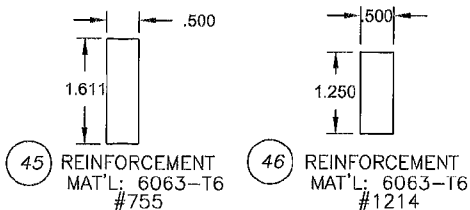
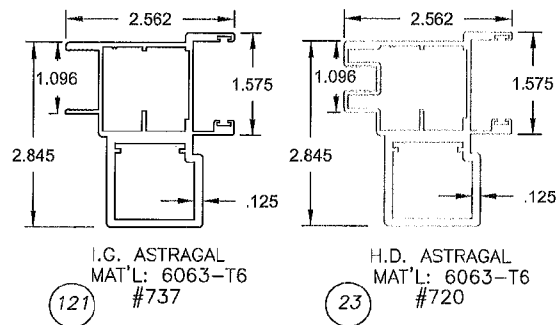
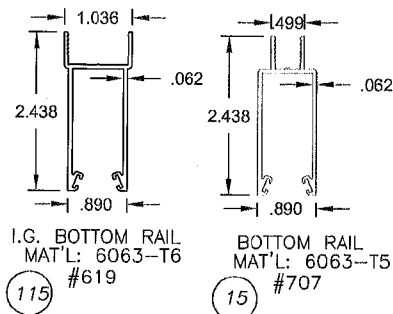
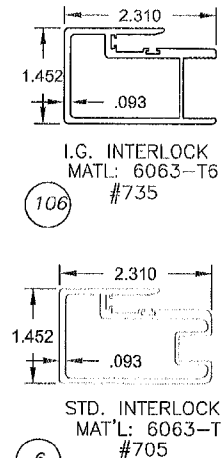
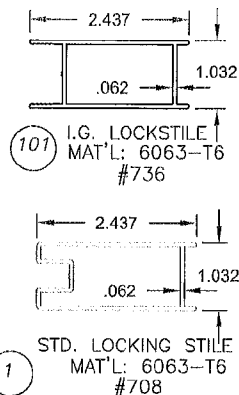
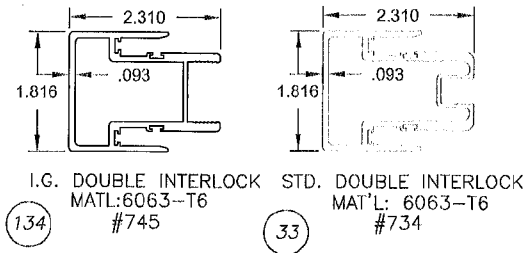
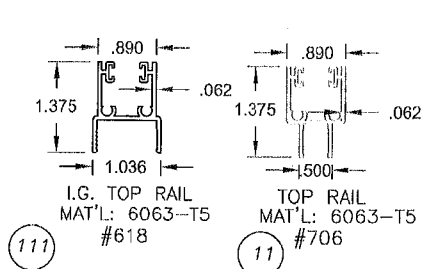


Description: PARTS LISTS	Series/Model: SGD2500	Scale: NTS	Sheet: 11 of 18	Drawing No.: 757-1	Rev.: K
ALUM. SLIDING GLASS WINDOW, NON-IMPACT					

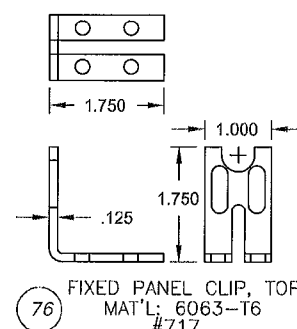
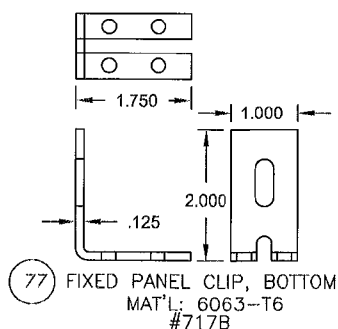
ITEM	PART #	DESCRIPTION	PGT#
62	522	COLONIAL INTERSECTION	41630
63	124	APPLIED COLONIAL MUNTIN	66631
64	1240	1/16 X 1 FLATBAR	68926T52
66	754	TRACK CLIP GUIDE	41754B/W
67	756	TRACK CLIP COVER	6756B/W
68		#6 X 3/8 PP SMS (18-8 SS)	76X38PPAX
69	740	HOOKSTRIP (P-HOOK)	63713
70	722A	HIGH-RISE TRACK ADAPTER	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

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Expiration Date 05/22/2013
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NOTE: ITEMS 45 AND 46 LENGTH = PANEL HT. - 4 1/4"



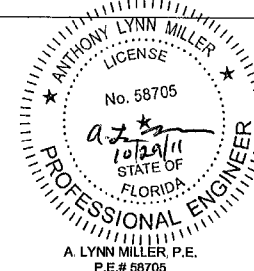
Revised By: F.K.	Date: 9/27/07	Revisions: I	ADD LENGTH NOTE TO ITEMS 45 & 46. CORRECT ITEM 77 PER BOM
Revised By: F.K.	Date: 10/22/07	Revisions: J	NO CHANGES THIS SHEET
Revised By: J.J.	Date: 10/14/11	Revisions: K	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/08

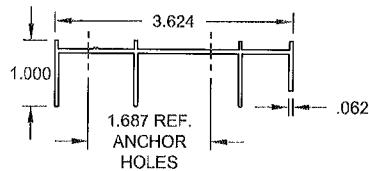
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1528
NOKOMIS, FL 34274

PGT
Visibly Better

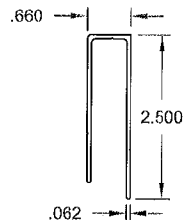
Description:	EXTRUSIONS, PANELS			
Title:	ALUM. SLIDING GLASS WINDOW, NON-IMPACT			
Series/Model:	SGD2500	Scale:	NTS	Sheet:
			12 of 18	Drawing No.
				757-1
				Rev:
				K

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Building Code
Acceptance No. 11-1110.16
Expiration Date: 05/22/2013
By: *[Signature]*
Miami Dade Product Control

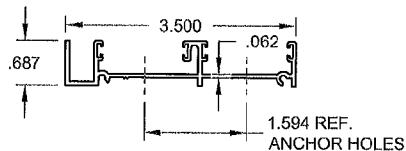




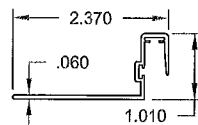
71 2 -- TRACK HEAD
MAT'L: 6063-T6
#702



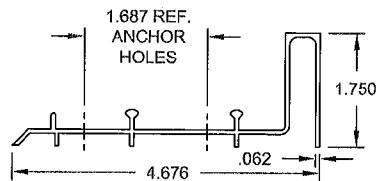
70 HI-RISE TRACK ADAPTER
MAT'L: 6063-T5
#722A



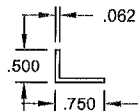
73 2 -- TRACK JAMB
MAT'L: 6063-T6
#704



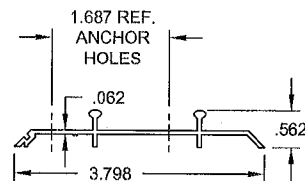
69 HOOKSTRIP
MAT'L: 6063-T5
#740



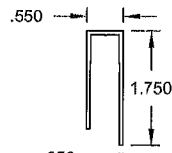
72 2 -- TRACK EXTERIOR SILL
MAT'L: 6063-T6
#703B



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

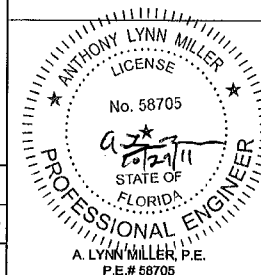
Revised By: F.K.	Date: 9/27/07	Revisions: I	DELETE ITEMS 227 & 228 AND CORRECT ITEM 202 PART NO.
Revised By: F.K.	Date: 10/22/07	Revisions: J	DELETE ITEMS 201, 202 AND 204, 1-TRACK FRAMES
Revised By: J.J.	Date: 10/14/11	Revisions: K	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

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

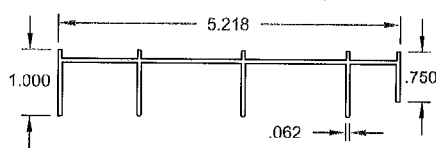
PGT
Visibly Better

Description: EXTRUSIONS, FRAME	Scale: NTS	Sheet: 13 of 18	Drawing No. 757-1	Rev: K
Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT	Series/Model: SGD2500			

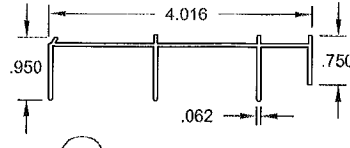
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1110.16
Expiration Date 08/22/2013
By *[Signature]*
Miami Dade Product Control



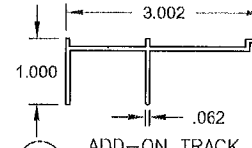
ADDED FRAME COMPONENTS



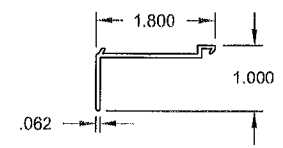
208 3 - TRACK HEAD
MAT'L: 6063-T6
#631



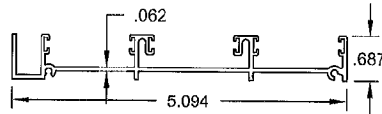
211 ADD-ON TRACK HEAD
MAT'L: 6063-T6
#613



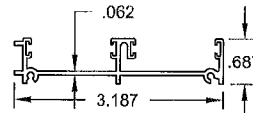
212 ADD-ON TRACK,
FOR FRAME HEAD
MAT'L: 6063-T6
#614



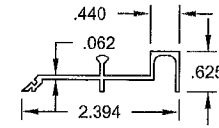
216 ADD-ON HEAD
MAT'L: 6063-T6
#634



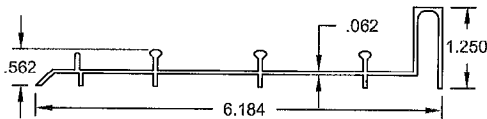
209 3 - TRACK JAMB
MAT'L: 6063-T6
#632



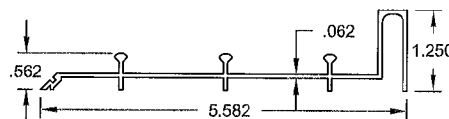
213 2 - TRACK FRAME,
JAMB ADD-ON
MAT'L: 6063-T6
#617



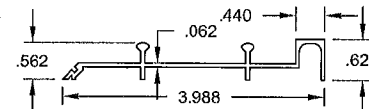
222 TRACK SILL, LOW -RISE
EXTERIOR W/ ADD-ON
MAT'L: 6063-T6
#671



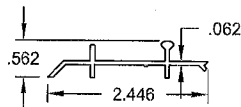
210 3 -TRACK SILL, EXTERIOR
W/ SCREEN RAIL
MAT'L: 6063-T6
#633



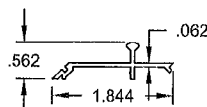
214 3 - TRACK ADD-ON SILL
MAT'L: 6063-T6
#615



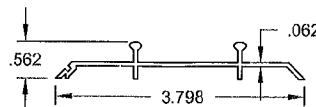
218 TRACK SILL, LOW -RISE
EXTERIOR W/ ADD-ON
MAT'L: 6063-T6
#638



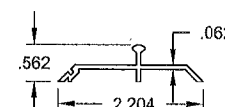
215 ADD-ON TRACK W/
SCREEN FOR FRAME SILL
MAT'L: 6063-T6
#616



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

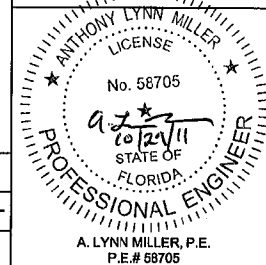


119 2 -TRACK SILL,
INTERIOR W/ ADD-ON
MAT'L: 6063-T6
#637



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

PRODUCT REVISED
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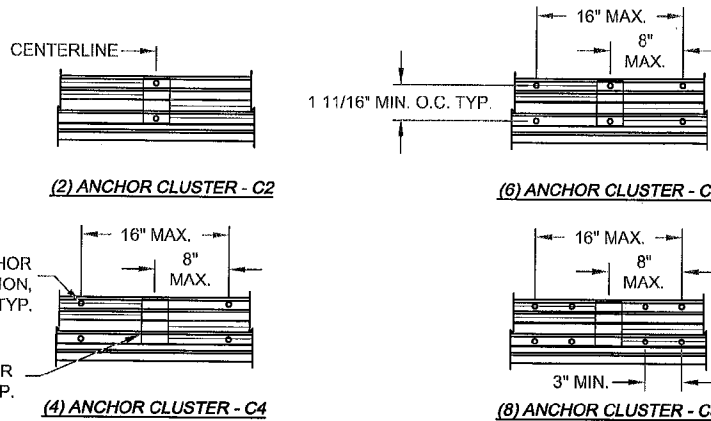
Revised By: F.K.	Date: 9/27/07	Revisions: I	NO CHANGES THIS SHEET
Revised By: F.K.	Date: 10/22/07	Revisions: J	NO CHANGES THIS SHEET
Revised By: J.J.	Date: 10/14/11	Revisions: K	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By:	Date:

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

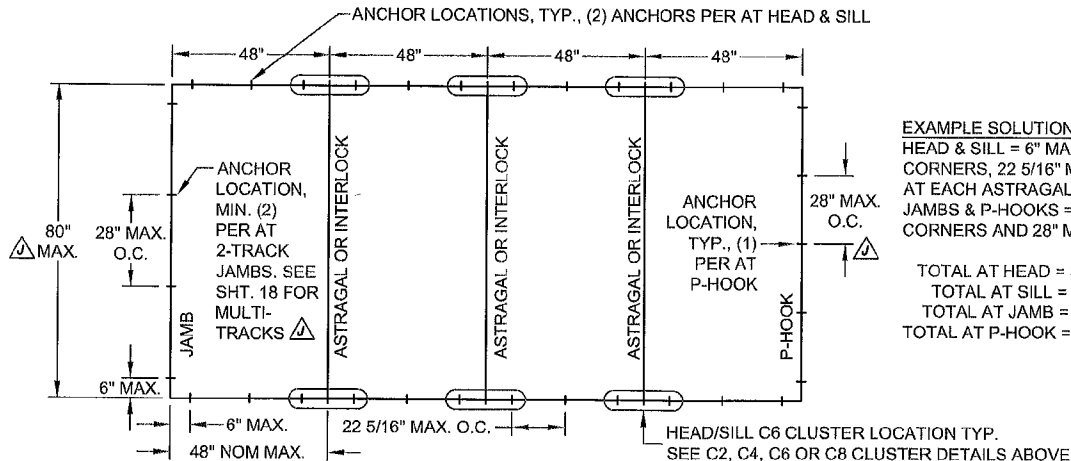


Description: EXTRUSIONS, FRAME (CONTINUED)			
Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT			
Series/Model: SGD2500	Scale: NTS	Sheet: 14 of 18	Drawing No. 757-1
Rev: K			

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



HEAD & SILL ANCHOR CLUSTER DETAILS FOR ASTRAGALS AND INTERLOCKS



FOUR PANEL DOOR ANCHORAGE LAYOUT EXAMPLE FROM TABLE 4, SHEET 16

NOTES:

1. ANCHOR QUANTITIES BASED ON THE FOLLOWING SPACING:

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

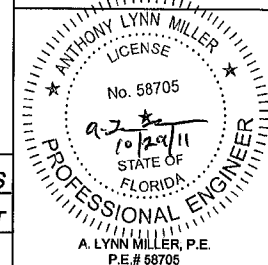
HEAD AND SILL SPACING - 6" MAX. FROM CORNERS AND 22 5/16" MAX. O.C.

2. INSTALL PER ANCHOR QUANTITIES OF TABLE 4, SHEET 16, USING THE DIMENSIONAL CRITERIA OF NOTE 4. 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.

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1110.16
Expiration Date 05/22/2013
By *[Signature]*
Miami Dade Product Control



Revised By: F.K.	Date: 9/27/07	Revisions: ADD ELEVATION DIAGRAM AND REVISE ANCHOR NOTES 4 & 5
Revised By: F.K.	Date: 10/22/07	Revisions: CORRECT DOOR HEIGHT DIMENSION.
Revised By: J.J.	Date: 10/14/11	Revisions: K 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 34278
P.O. BOX 1629
NOKOMIS, FL 34274

PGT
Visibly Better

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

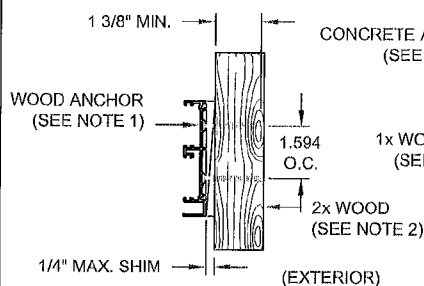
HEAD & SILL ANCHOR CLUSTERS - JAMB & P-HOOK ANCHOR QUANTITIES

TABLE 4.

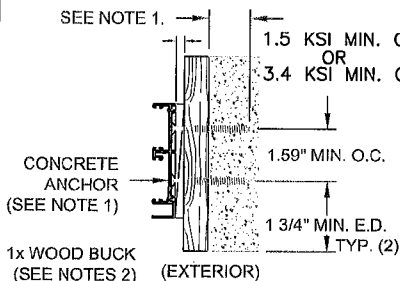
TABLE KEYS:

- ANCHOR TYPES:
1 - 1/4" ELCO TAPCON
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.
- INTERLOCK AND REINFORCEMENT KEY:
SSN - SINGLE/SINGLE WITH NO REINFORCEMENT.
SSR - SINGLE/SINGLE WITH FULL REINFORCEMENT.
SDR - SINGLE/DOUBLE WITH FULL REINFORCEMENT.

DP TABLE REF. > GLASS TYPE >		SHEET 2, TABLE 1.									SHEET 2, TABLE 1.									SHEET 3, TABLE 2.									SHEET 3, TABLE 3.																			
INTERLOCK & > REINFORCEMENT ANCHOR TYPE & SUBSTRATE		A SSN									B OR D SSN									B OR D SSR									C OR D SDR																			
		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	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	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	2,3,WOOD	1,CONC	2,CONC	2,3,WOOD	1,CONC	2,CONC											
24.000	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	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	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	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	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	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	4	5	4	C6	C6	C6	8	8	8	4	5	4		
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	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	C6	C6	C6	8	8	8	5	5	4		
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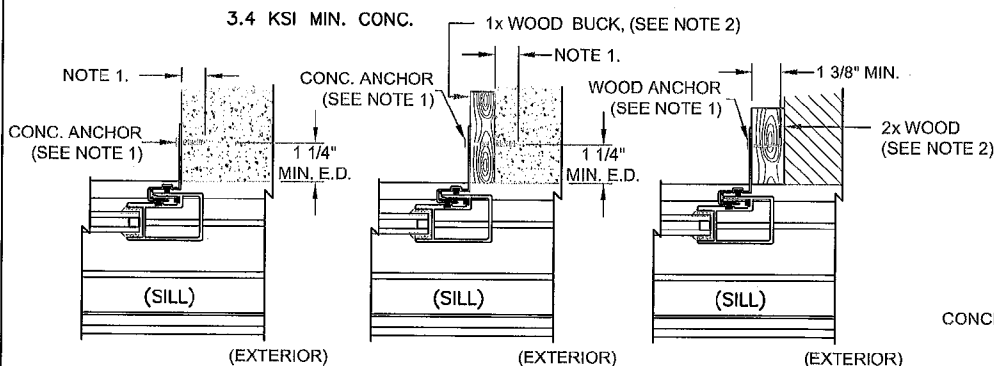


DETAIL - F



DETAIL - E

TYPICAL FRAME JAMB INSTALLATIONS

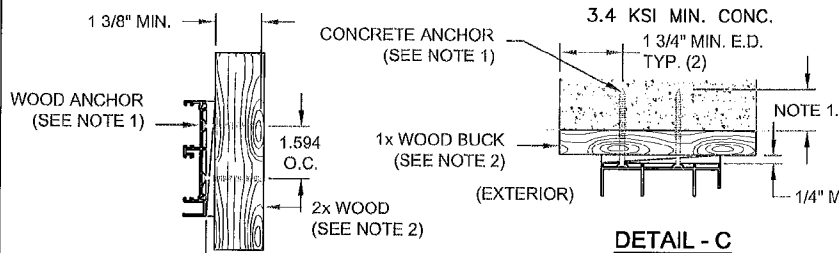


DETAIL - G

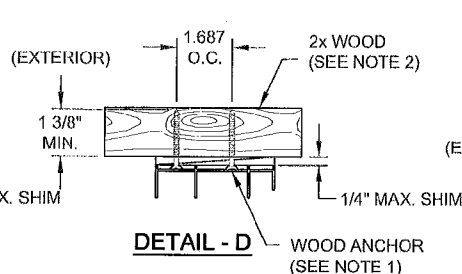
DETAIL - H

DETAIL - I

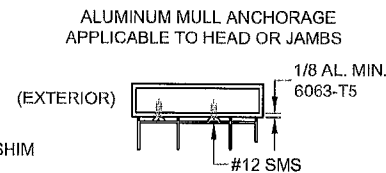
TYPICAL POCKET P-HOOK INSTALLATIONS



DETAIL - C



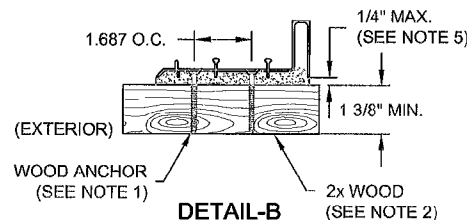
DETAIL - D



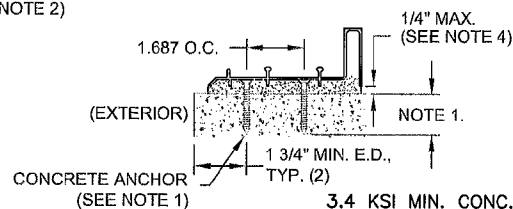
DETAIL - J

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.



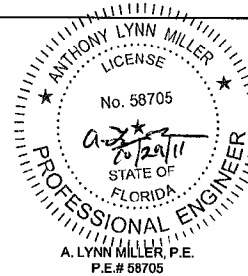
DETAIL - B



DETAIL - A

TYPICAL FRAME SILL INSTALLATIONS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1110.16
Expiration Date 5/7/2013
By *[Signature]*
Miami Dade Product Control

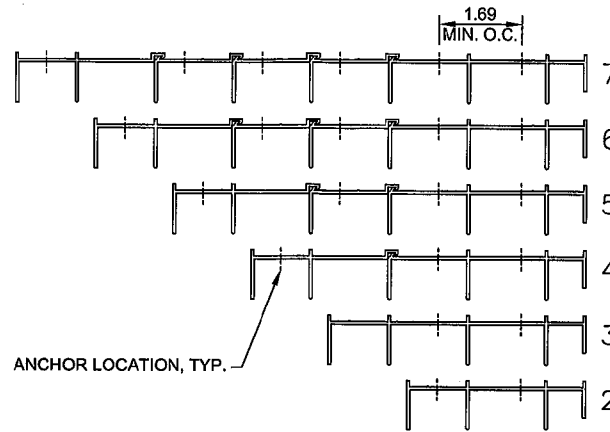


Revised By: F.K.	Date: 9/27/07	Revisions: I	ADD MIN. O.C. & E.D. DIM. ADD DETAIL J. ALUM. MULL ANCHORAGE AND ADD DETAIL J REFERENCE TO NOTE 3.
Revised By: F.K.	Date: 10/22/07	Revisions: J	NO CHANGES THIS SHEET
Revised By: J.J.	Date: 10/14/11	Revisions: K	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 09/08/04	Checked By: J.J.	Date: 04/02/06

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

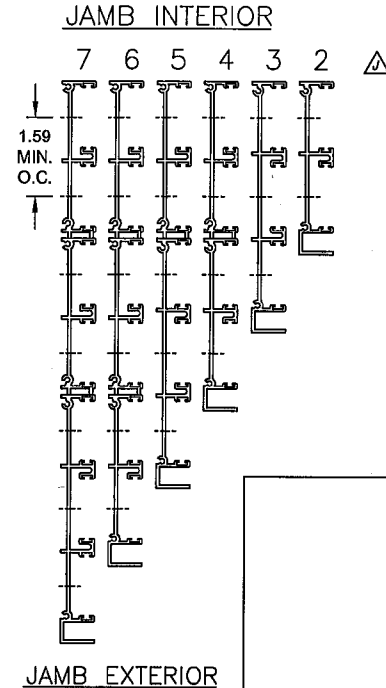


Description: ANCHORAGE DETAILS	Title: ALUM. SLIDING GLASS WINDOW, NON-IMPACT
Series/Model: SGD2500	Scale: 1/4"
Sheet: 17 of 18	Drawing No. 757-1
Rev: K	

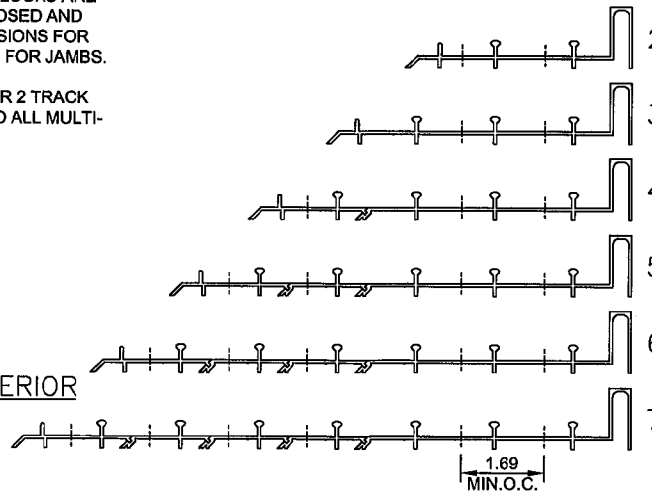


NOTES ON POTENTIAL ANCHOR LOCATIONS:

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



HEAD/SILL INTERIOR

Revised By: F.K.	Date: 9/27/07	Revisions: I	NEW SHEET TO ILLUSTRATE ALL TRACK ANCHOR LOCATIONS
Revised By: F.K.	Date: 10/22/07	Revisions: J	DELETE 1-TRACK HEAD, SILL & JAMB.
Revised By: J.J.	Date: 10/14/11	Revisions: K	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 1629
NOKOMIS, FL 34274



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:	K		

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1110.16
Expiration Date 06/22/2013
By: *[Signature]*
Miami Dade Product Control

