



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Sunshine Windows Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, FL 33012**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) 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 BCCO (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. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO 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 South Florida Building Code, 1994 Edition for Miami-Dade County or Florida Building Code.

DESCRIPTION: Series "1650" Horizontal Sliding Window

APPROVAL DOCUMENT: Drawing No. HS99-02, titled "Series 1650 Aluminum Horizontal Sliding Window (XO) 3/16" and 1/4" Annealed Glass", sheet 1 through 3, prepared, signed and sealed by Francisco Hernandez, P.E., dated 3/4/99, 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 Division.

MISSILE IMPACT RATING: None

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

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

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

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

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

This NOA **renews NOA # 99-0202.11** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**.



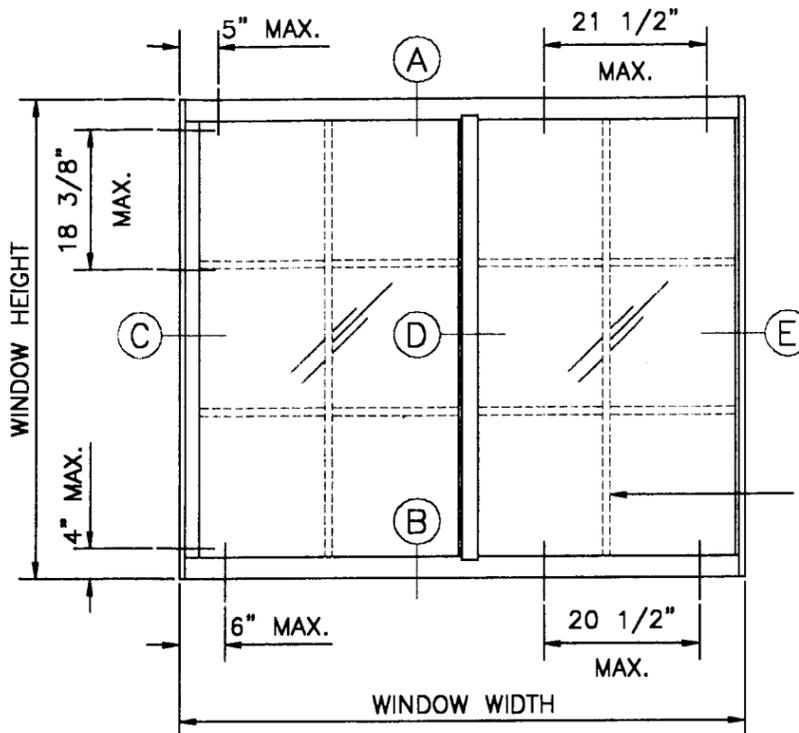
**NOA No 02-0125.02
Expiration Date: February 28, 2007
Approval Date: March 7, 2002
Page 1**

COMPARATIVE ANALYSIS CHART

**SERIES-1650
ALUMINUM HORIZONTAL SLIDING WINDOW (XO)**

DESIGN LOAD CAPACITY-PSF

WINDOW DIMENSION		ANCHORS		3/16" ANNEALED GLASS				1/4" ANNEALED GLASS				
				1 3/4" SILL		2 1/2" SILL		1 3/4" SILL		2 1/2" SILL		
WIDTH	HEIGHT	PER HEAD & SILL	PER JAMB	EXT.	INT.	EXT.	INT.	EXT.	INT.	EXT.	INT.	
26 1/2" 37" 53 1/8" 74"	26"	3	3	55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0	
		3		55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0	
		4		55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0	
		5		55.3	145.4	70.0	145.4	55.3	160.0	70.0	160.0	
26 1/2" 37" 53 1/8" 74"	38 3/8"	3	3	55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0	
		3		55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0	
		4		55.3	132.2	70.0	132.2	55.3	160.0	70.0	160.0	
		5		55.3	91.9	70.0	91.9	55.3	126.5	70.0	126.5	
37" 53 1/8" 74"	50 5/8"	3	4	55.3	146.5	70.0	146.5	55.3	160.0	70.0	160.0	
		4		55.3	96.9	70.0	96.9	55.3	119.1	70.0	119.1	
		5		55.3	67.4	67.4	67.4	55.3	90.5	70.0	90.5	
		3		55.3	115.4	70.0	115.4	55.3	129.3	70.0	129.3	
53 1/8" 74"	63"	4	5	55.3	76.3	70.0	76.3	55.3	92.5	70.0	92.5	
		5		53.1	53.1	53.1	53.1	55.3	69.3	68.2	69.3	
MODULAR SIZES	24"	2	2	55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0	
		3		55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0	
		4		55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0	
		4		55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0	
		5		55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0	
	36"	36"	2	3	55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0
			3		55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0
			4		55.3	159.4	70.0	159.4	55.3	160.0	70.0	160.0
			4		55.3	124.3	70.0	124.3	55.3	141.4	70.0	141.4
	48"	48"	3	4	55.3	160.0	70.0	160.0	55.3	160.0	70.0	160.0
			4		55.3	115.2	70.0	115.2	55.3	138.5	70.0	138.5
			4		55.3	89.8	70.0	89.8	55.3	114.5	70.0	114.5
72"	72"	5	5	55.3	73.6	70.0	73.6	55.3	98.9	70.0	98.9	
		3		55.3	125.6	70.0	125.6	55.3	140.0	70.0	140.0	
48"	60"	4	5	55.3	90.2	70.0	90.2	55.3	107.2	70.0	107.2	
		4		55.3	70.3	70.0	70.3	55.3	87.9	70.0	87.9	
72"	60"	5	5	55.3	57.6	57.6	57.6	55.3	75.2	70.0	75.2	



TYPICAL ELEVATION (XO)

PRODUCT RENEWED

ACCEPTANCE No. 02-0125.02
 EXPIRATION DATE February 28, 2007
 By [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

FALSE MUNTINS (SURFACE APPLIED)
 MAY BE USED

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE April 01 1999
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-0202-11

NOTES:
 1.-SUB-BUCKS SHALL BE PRESSURE TREATED MATERIAL AT LEAST 2" NOMINAL THICKNESS, AND SECURED IN AT LEAST 6 POINTS ON EACH LEG WITH 3" LONG FASTENERS OR EQUIVALENT.
 2.-FASTENERS MUST HAVE THEIR OWN NOTICE OF ACCEPTANCE AND MUST BE MADE OF STAINLESS STEEL OR HAVE ADEQUATE PROTECTION AGAINST CORROSION, PER DIN 50018. ALUMINUM CONTACTING METALS NOT CONSIDERED COMPATIBLE SHALL BE PROPERLY PROTECTED.

MIAMI-DADE IMPACT RESISTANT SHUTTERS REQUIRED

BASED ON FTL-1084 DATED 12-22-94
 TEST SIZE= 74" X 63" (XO)
 TEST LOADS= EXTERIOR PRESSURE +104.0 PSF
 INTERIOR PRESSURE -104.0 PSF
 DESIGN LOADS= EXTERIOR PRESSURE +68.20 PSF
 INTERIOR PRESSURE -69.33 PSF
 WATER INFILTRATION TEST= 8.3 AND 10.5 PSF
 TESTED GLASS= 3/16" ANNEALED

[Signature]
 3-20-99
 FRANCISCO HERNANDEZ
 FLORIDA PE # 51393

Sunshine Windows Manufacturing, Inc.
 1745 W. 33rd Place
 Hialeah, Florida 33012
 Ph: (305)384-8852
 Fax:(305)828-5118

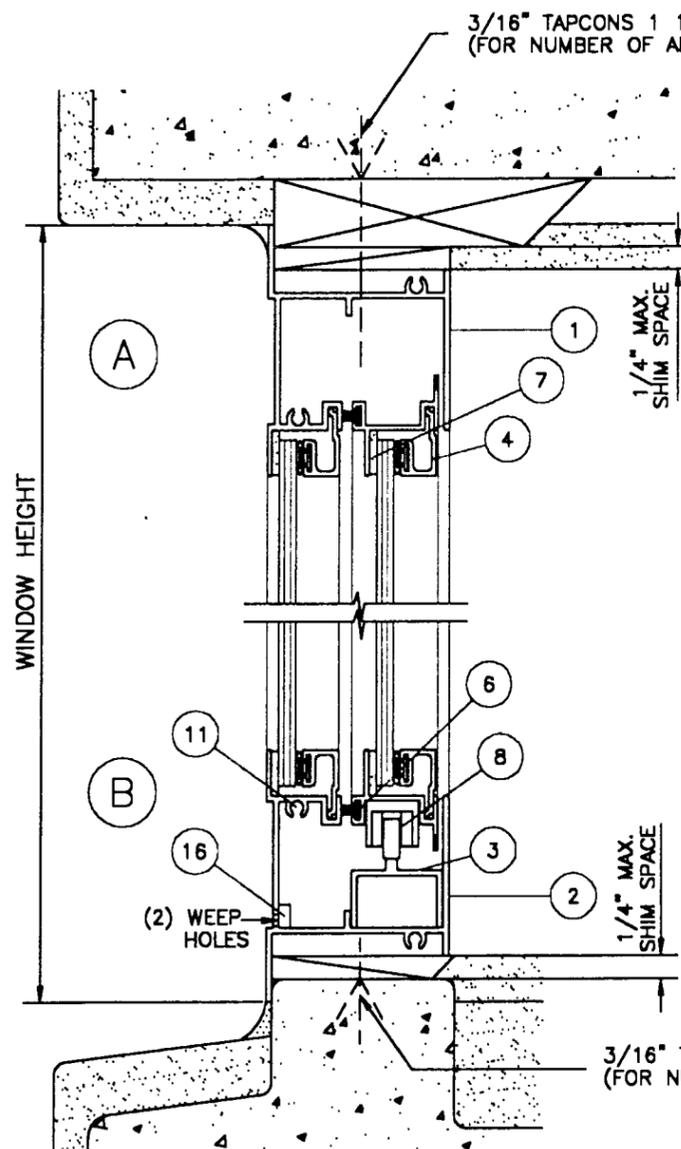
FRANCISCO HERNANDEZ P. E.
 Structural Engineering
 351 NW 82nd AVE #1118
 Miami, Florida 33126
 Phone (305) 266 8670
 Fax (305) 266 3427

**SERIES 1650 ALUMINUM
 HORIZONTAL SLIDING WINDOW (XO)
 3/16" AND 1/4" ANNEALED GLASS**

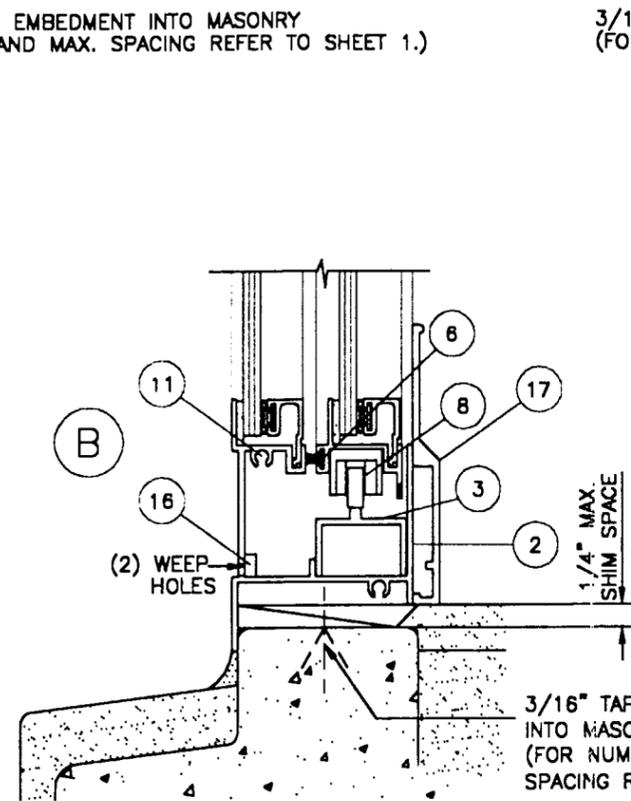
Drawn By: JN
 Date: 3-4-99
 Scale: 1/2"=1'
 Revision: _____
 Revision: _____

DRAWING NO.
HS99-02

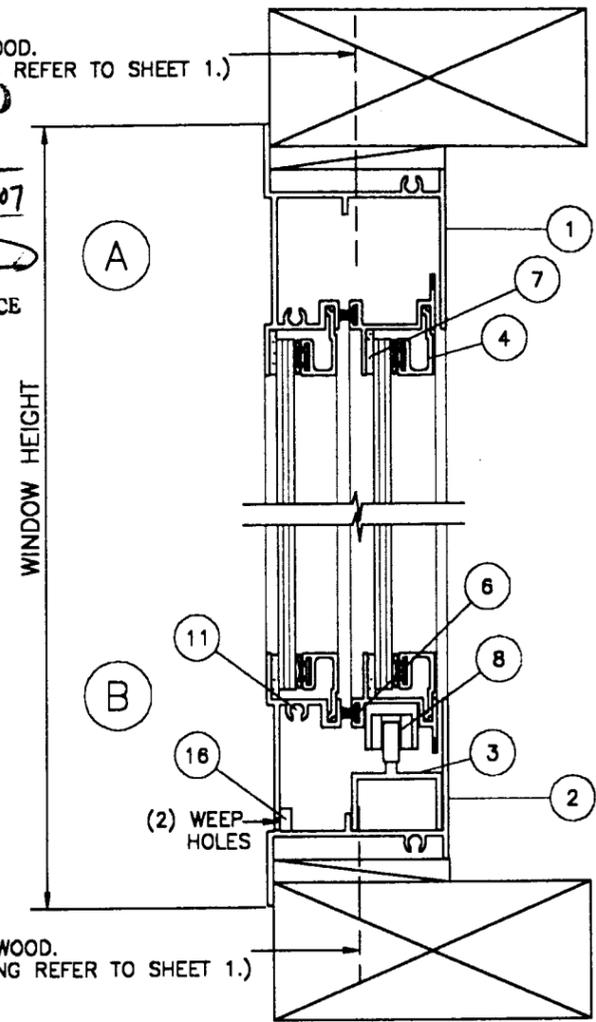
SHEET
 1 OF 3



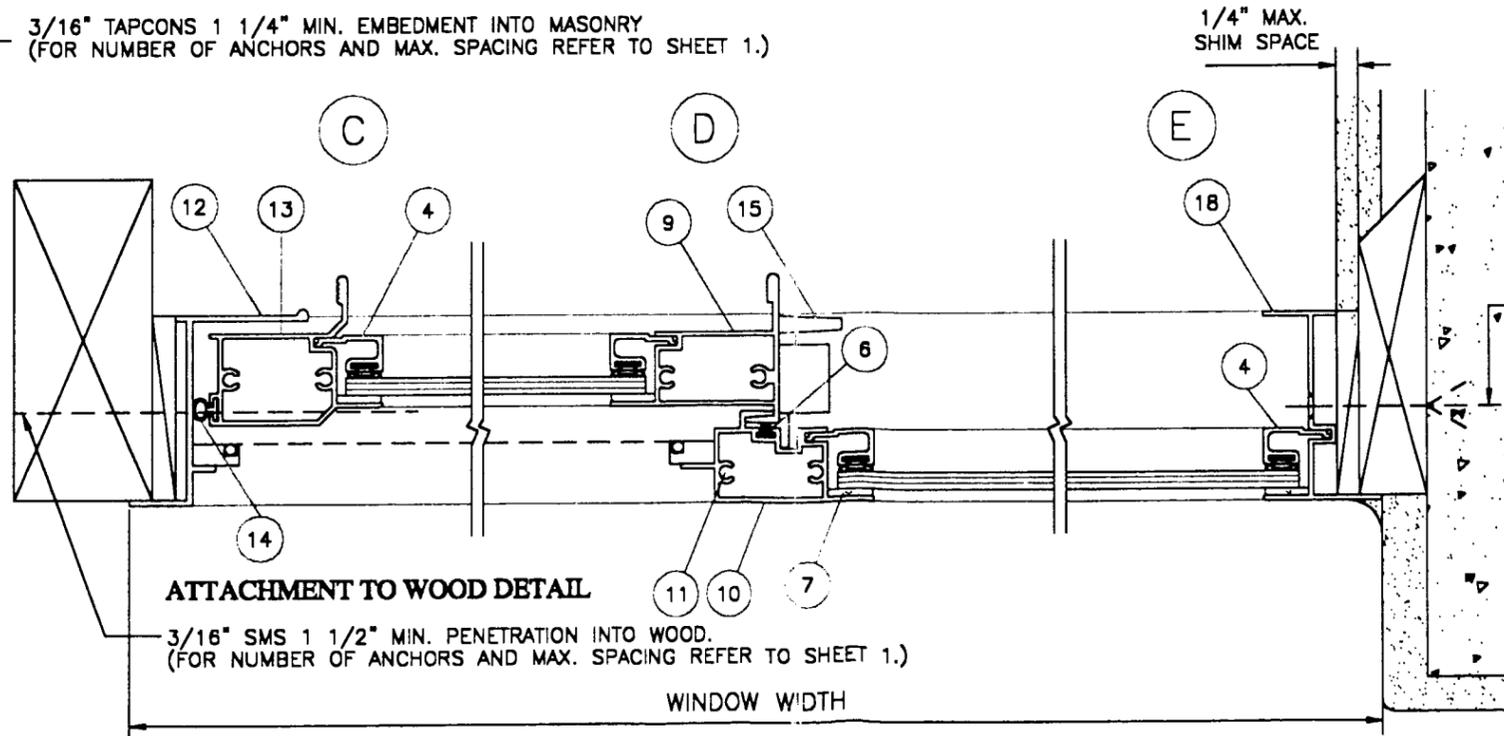
**ATTACHMENT TO MASONRY
VERTICAL SECTION**



**VERTICAL SECTION
WITH SILL RISER**



**ATTACHMENT TO WOOD
VERTICAL SECTION**



ATTACHMENT TO WOOD DETAIL

ATTACHMENT TO MASONRY DETAIL

GLAZING METHOD:

USE ADHESIVE BEDDING COMPOUND AND GLAZING FOAM TAPE ON EXTERIOR. EXTRUDED ALUMINUM SNAP ON GLAZING BEAD WITH VINYL BULB ON INTERIOR.

WOOD BUCKS NOT BY SUNSHINE WINDOWS MUST SUSTAIN IMPOSED LOADS BY GLAZING SYSTEM.

3/16" SMS 1 1/2" MIN. PENETRATION INTO WOOD.
(FOR NUMBER OF ANCHORS AND MAX. SPACING REFER TO SHEET 1.)

PRODUCT RENEWED

ACCEPTANCE No. 02-0125.02

EXPIRATION DATE February 28, 2007

By *Manuel Lopez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE

DATE APRIL 01 1999

BY *Manuel Lopez*

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 99-0202-11

HORIZONTAL SLIDING WINDOW SECTIONS

HORIZONTAL SECTION

Sunshine Windows
Manufacturing, Inc.

1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax: (305)828-5118

FRANCISCO HERNANDEZ P. E.
Structural Engineering
351 NW 82nd AVE #1118
Miami, Florida 33126
Phone (305) 266 8670
Fax (305) 266 3427

**SERIES 1650 ALUMINUM
HORIZONTAL SLIDING WINDOW (X0)
3/16" AND 1/4" ANNEALED GLASS**

Drawn By: JN

Date: 3-4-99

Scale: 1/2" = 1"

Revision: _____

Revision: _____

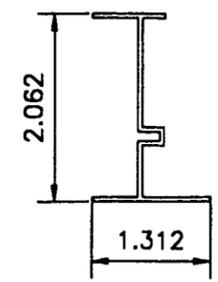
DRAWING NO.

HS99-02

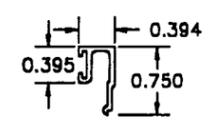
SHEET
2 OF 3

Manuel Lopez
3/8/99

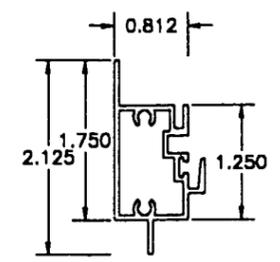
FRANCISCO HERNANDEZ
FLORIDA PE # 51393



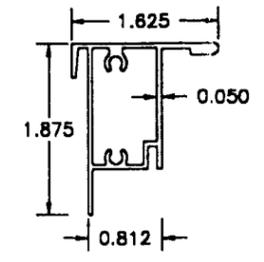
JAMB TO FIXED PANEL
SW-014
6063-T5



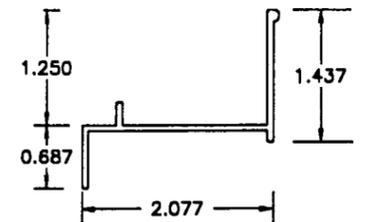
GLAZING STOP
SW-018
6063-T5



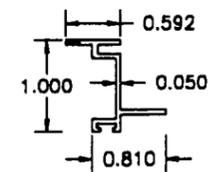
FIXED MEETING RAIL
SW-40111
6063-T5



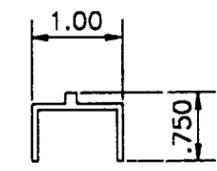
MOVING MEETING RAIL
SW-017
6063-T5



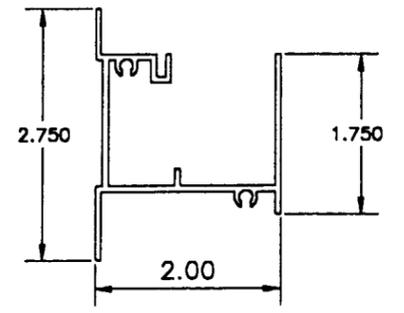
FRAME JAMB TO MOVING PANEL
SW-013
6063-T5



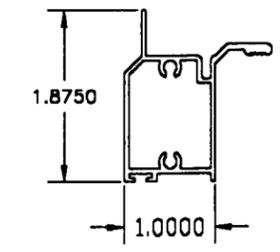
SLIDER TOP AND BOTTOM RAIL
SW-012
6063-T5



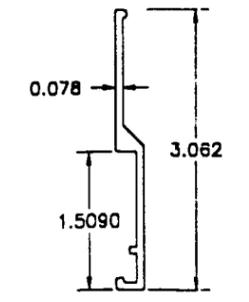
INSERT TRACK
SW-xxx21
6063-T5



FRAME HEAD AND SILL
SW-019
6063-T5



MOVING SIDE RAIL
SW-016
6063-T5



SILL RISER
SW-4077
6063-T5

MATERIAL LIST

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
1	SW-019	1	FRAME HEAD	6063-T5
2	SW-019	1	FRAME SILL	6063-T5
3	SWxxx21	1	INSERT TRACK	6063-T5
4	SW-018	AS RQD	GLAZING BEAD	6063-T5
5	SW-012	2	SLIDER TOP/BOTTOM RAIL	6063-T5
6	SW3019	AS RQD	FIN SEAL PILE	FELT
7	SW1520	AS RQD	GLAZING TAPE	FOAM
8	SW321W	2	WHEEL	BRASS
9	SW-017	1	MOVING MEETING RAIL	6063-T5
10	SW40111	1	FIXED MEETING RAIL	6063-T5
11	SW-AS	AS RQD	ASSEMBLY SCREWS	# 8X1" SMS.
12	SW-013	1	JAMB TO MOVING PANEL	6063-T5
13	SW-016	1	MOVING SIDE RAIL	6063-T5
14	SW3257	AS RQD	WEATHER STRIP BULB	VINYL
15	SW-867	AS RQD	LATCH	ZINC
16	SW-S10	2/SILL	RETICULATED FILTER	FOAM
17	SW40771	1	SILL RISER	6063-T5
18	SW-014	1	JAMB TO FIXED PANEL	6063-T5

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE April 21, 1999
BY Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0224-11

PRODUCT RENEWED

ACCEPTANCE No. 02-0125.02
EXPIRATION DATE February 28, 2007
By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

[Signature]
3/8/99
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

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SERIES 1650 ALUMINUM
HORIZONTAL SLIDING WINDOW (X0)
3/16" AND 1/4" ANNEALED GLASS

Drawn By: JN
Date: 3-4-99
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DRAWING NO.
HS99-02
SHEET
3 OF 3