MIAMI-DADE COUNTY
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) 372-6339
www.maimidade.gov/buildingcode

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 Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 1600 Aluminum Sliding Glass Door – N. I.

APPROVAL DOCUMENT: Drawing No. **SGD08-01**, titled "Series 1600 Aluminum Sliding Glass Door", sheets 1 through 5 of 5, dated 05/01/08, prepared by Francisco Hernandez, P.E. Structural Engineering, signed and sealed by Francisco Hernandez, 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 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 **revises and renews NOA # 07-0119.06** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**

MIAMI-DADE COUNTY APPROVED

Sunshine Windows Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **SGD08-01**, titled "Series 1600 Aluminum Sliding Glass Door", sheets 1 through 5 of 5, dated 05/01/08, prepared by Francisco Hernandez, P.E. Structural Engineering, signed and sealed by Francisco Hernandez, 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, TAS 202-94

   along with marked-up drawings and installation diagram of an aluminum sliding glass door, glazed with 1/4" temp. glass, prepared by Fenestration Testing Laboratory, Inc. Test Report No. **FTL-5442**, dated 03/29/08, signed and sealed by Michael Wenzel, P.E.
2. Test reports on: 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, TAS 202-94

   along with marked-up drawings and installation diagram of an aluminum sliding glass door, glazed with 3/16" temp. glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5443**, dated 03/29/08, signed and sealed by Michael Wenzel, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Francisco Hernandez Structural, P.E. Engineering, dated 4/30/08, signed and sealed by Francisco Hernandez, P.E.
   Complies with ASTM E1300-02

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0514.06
Expiration Date: May 20, 2012
Approval Date: June 19, 2008

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

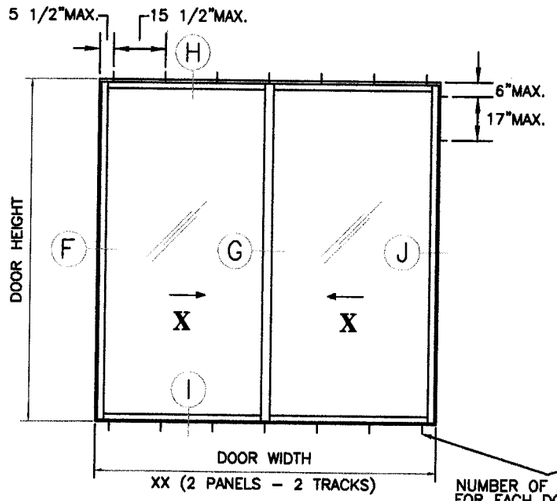
F. STATEMENTS

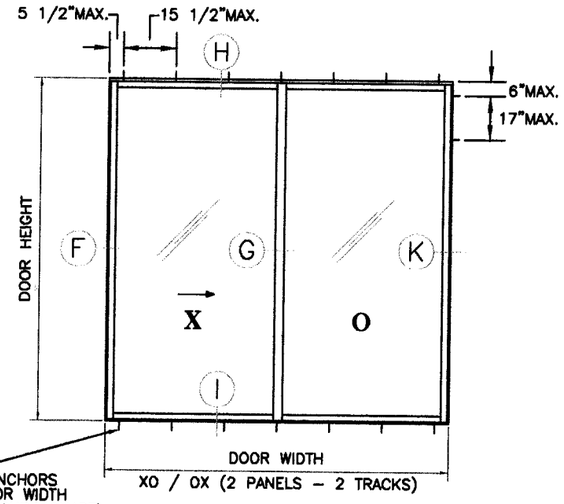
1. Statement letter of conformance, dated May 1, 2008, signed and sealed by Francisco Hernandez, P.E.
2. Statement letter of no financial interest, dated May 1, 2008, signed and sealed by Francisco Hernandez, P.E.
3. Laboratory compliance letter for Test Report No. **FTL-5442**, issued by Fenestration Testing Laboratory, Inc., dated March 31, 2008, signed and sealed by Michael Wenzel, P.E.
4. Laboratory compliance letter for Test Report No. **FTL-5443**, issued by Fenestration Testing Laboratory, Inc., dated March 31, 2008, signed and sealed by Michael Wenzel, P.E.

G. OTHER

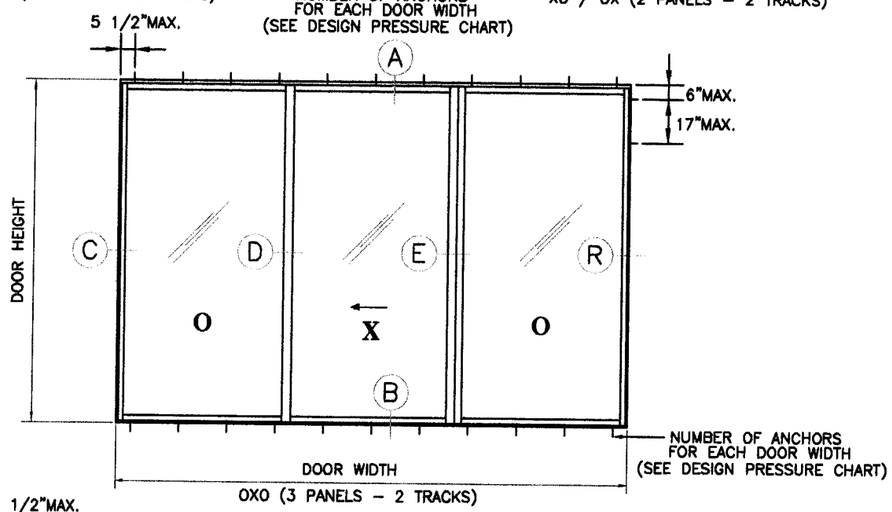
1. Notice of Acceptance No. **07-0119.06**, issued to Sunshine Windows Manufacturing, Inc. for their Series 1600 Aluminum Sliding Glass Door – N.I., approved on 06/14/07 and expiring on 05/20/08.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0514.06
Expiration Date: May 20, 2012
Approval Date: June 19, 2008

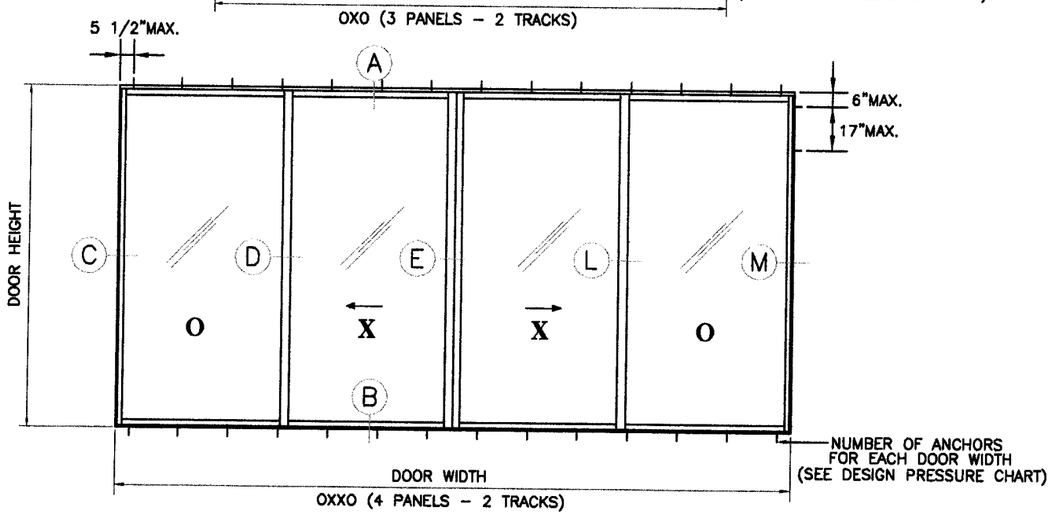




NUMBER OF ANCHORS FOR EACH DOOR WIDTH (SEE DESIGN PRESSURE CHART)



NUMBER OF ANCHORS FOR EACH DOOR WIDTH (SEE DESIGN PRESSURE CHART)



NUMBER OF ANCHORS FOR EACH DOOR WIDTH (SEE DESIGN PRESSURE CHART)

USE PANEL DIMENSIONS IN DESIGN PRESSURE CHART FOR ALL DOOR CONFIGURATIONS
SEE DESIGN PRESSURE CHART FOR NO. OF ANCHORS, ANCHOR SPACING AND EMBEDMENT (TYPICAL)

SERIES 1600 ALUMINUM SLIDING GLASS DOOR DESIGN PRESSURE CHART - PSF

	PANEL DIMENSION IN INCHES		NUMBER OF ANCHORS (DOUBLE ROW)				CONFIG. XX / OX / XO / OXO / OXXO			
							1/4" TAPCONS			
				HEAD AND SILL			3/16" TEMP. GLASS		1/4" TEMP. GLASS	
	WIDTH	HEIGHT	JAMB	XX /OX	OXO	OXXO	EXT.	INT.	EXT.	INT.
2" SILL HEIGHT	24	80	10	8	12	16	62.0	125.0	62.0	125.0
	30			10	14	18	62.0	112.0	62.0	112.0
	36			10	16	22	62.0	90.0	62.0	90.0
	48			14	22	28	62.0	80.0	62.0	80.0
	24	96	12	8	12	16	62.0	110.0	62.0	110.0
	30			10	14	18	62.0	92.0	62.0	92.0
	36			10	16	22	62.0	80.0	62.0	80.0
	48			14	22	28	62.0	75.0	62.0	75.0
3" SILL HEIGHT	24	80	10	8	12	16	80.0	125.0	90.0	125.0
	30			10	14	18	80.0	112.0	90.0	112.0
	36			10	16	22	80.0	90.0	90.0	90.0
	48			14	22	28	80.0	80.0	80.0	80.0
	24	96	12	8	12	16	80.0	110.0	90.0	110.0
	30			10	14	18	80.0	92.0	90.0	92.0
	36			10	16	22	80.0	80.0	80.0	80.0
	48			14	22	28	75.0	75.0	75.0	75.0

ANCHOR SPACING AND EMBEDMENT

DOUBLE ROW AT 6" MAX. FROM CORNERS AND 15 1/2" O.C. MAX. AT HEAD AND SILL AND 17" O.C. MAX. AT JAMBS.
1 1/4" MIN. EMBEDMENT INTO MASONRY AND 1 1/2" MIN. INTO WOOD.

GENERAL NOTES:

1– THIS PRODUCT MEETS THE REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE

2– MIAMI DADE COUNTY APPROVED SHUTTERS ARE REQUIRED

3– REFERENCES: TESTS REPORTS FTL–5442 AND FTL–5443

Approved as complying with the Florida Building Code
Date May 20, 2012
NOA# 08-0514.06
Miami Dade Product Control Division
By Manuel Perez

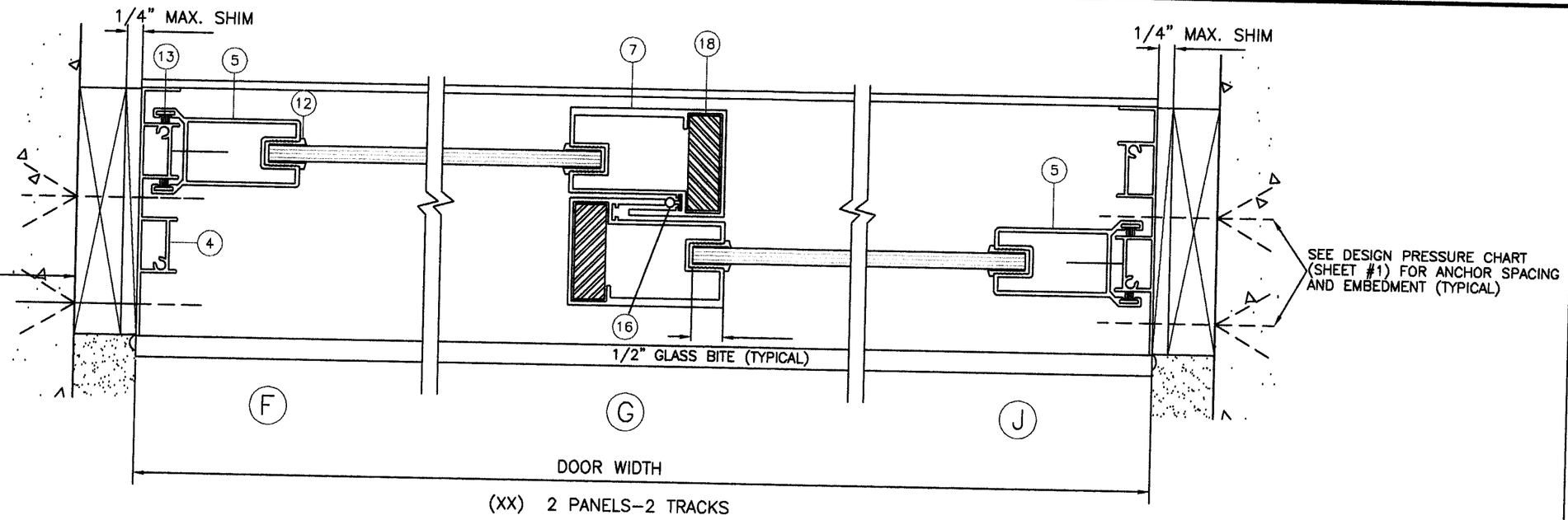
5-1-08
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

Sunshine Windows Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364–9952
Fax:(305)828–5118

SERIES 1600 ALUMINUM SLIDING GLASS DOOR

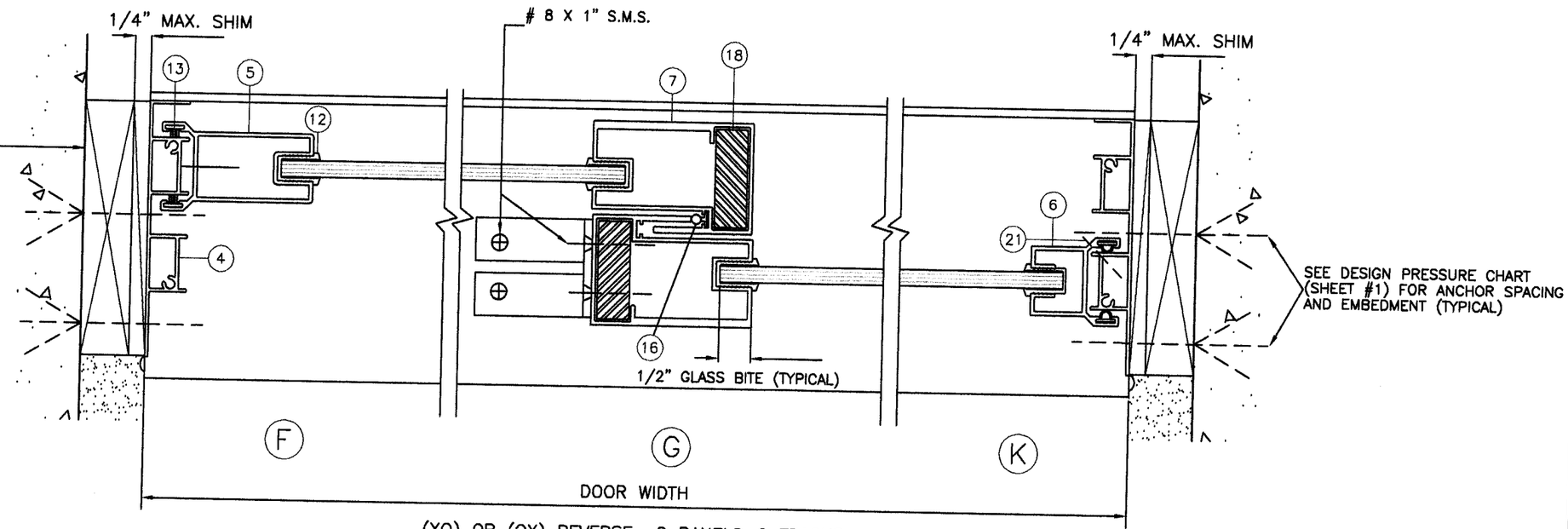
Drawn By: RF
Date: 05–01–08
Scale: N.T.S.
Revision:
Revision:

DRAWING NO. SGD08–01



(XX) 2 PANELS–2 TRACKS

1 BY OR 2 BY WOOD BUCK NOT BY SUNSHINE WINDOWS MUST SUSTAIN IMPOSED LOADS BY GLAZING SYSTEM



(XO) OR (OX) REVERSE 2 PANELS–2 TRACKS

HORIZONTAL SECTIONS

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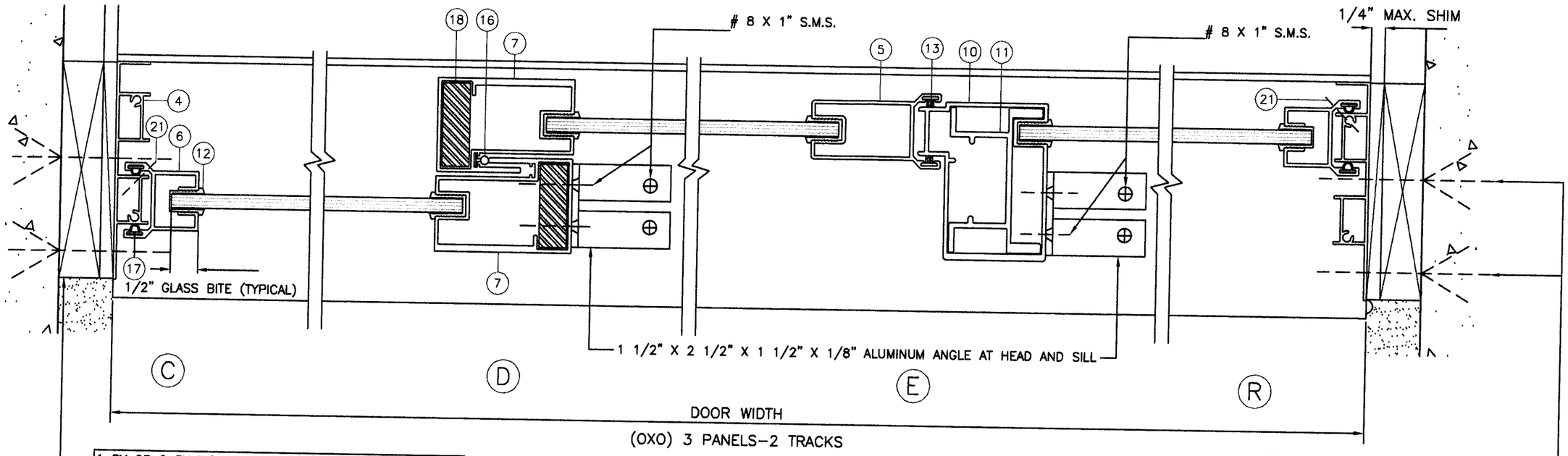
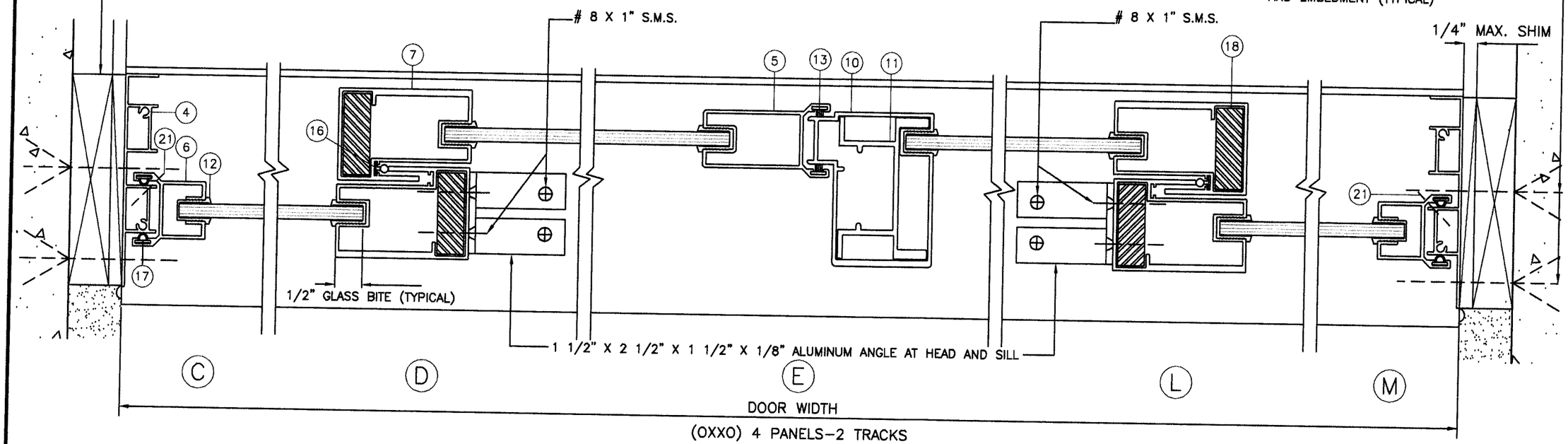
SERIES 1600
ALUMINUM SLIDING GLASS DOOR

Drawn By: RF
Date: 05-01-08
Scale: 1/2"=1'
Revision:
Revision:

DRAWING NO.
SGD08-01

SHEET
2 OF 5





HORIZONTAL SECTIONS

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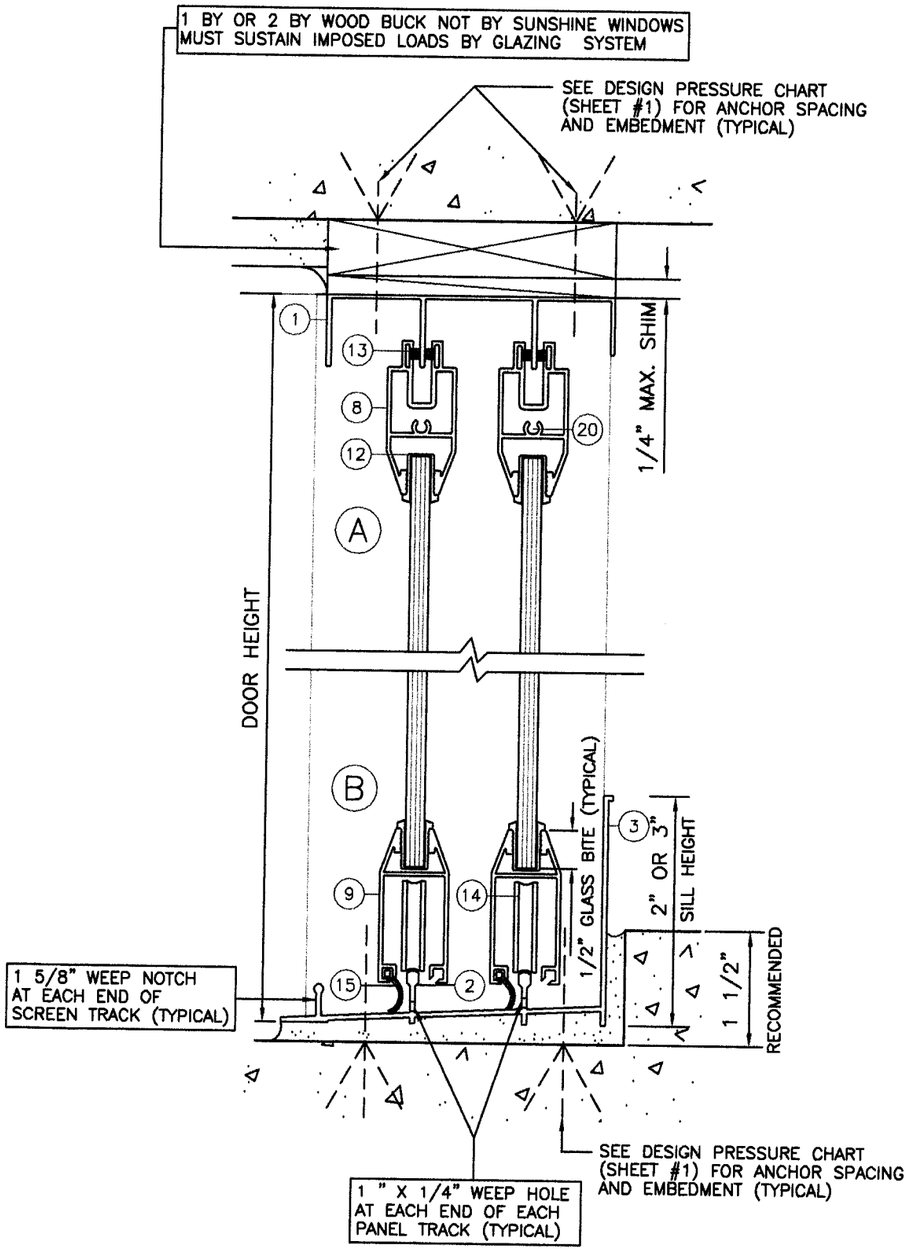
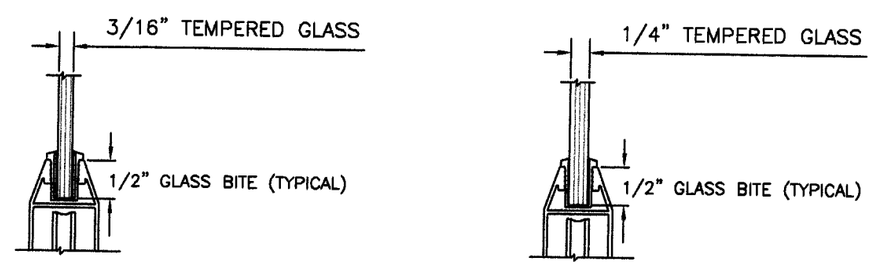
SHEET
3 OF 5



VERTICAL SECTION

MATERIAL LIST

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
1	SW-002	1	2 TRACKS HEAD	6063-T5
2	SSW-0015	1	2 TRACKS SILL	6063-T5
3	SSW-0002	1	2 TRACKS HI-RISE SILL	6063-T5
4	SW-001	2	2 TRACKS JAMB	6063-T5
5	SW-006	AS REQ'D	LOCK STILE	6063-T5
6	SW-007	AS REQ'D	FIXED STILE	6063-T5
7	SW-41674	AS REQ'D	HD INTERLOCK	6063-T6
8	SW-005	1/PANEL	TOP RAIL	6063-T5
9	SW-004	1/PANEL	BOTTOM RAIL	6063-T5
10	SW-3781	AS REQ'D	HD FEMALE ASTRAGAL	6063-T5
11	SW-3782	AS REQ'D	STIFFENER FOR ASTRAGAL	6063-T5
12	SW-1254	AS REQ'D	GLAZING GASKET	VINYL
13	SW-1125	DOUBLE ROW	PILE WEATHER STRIP ULTRAFAB. # 250	POLYPROPYLENE
14	SW-628	2/PANEL	ROLLER & HOUSING REFLECTOR LIGHT #19-A-112-A	STEEL
15	SW-2227	SINGLE ROW	FLAP WEATHER STRIP WYBORG # 3725/WV-2227	VINYL
16	SW-3257	SINGLE ROW	BULB WEATHER STRIP WYBORG # 470-12/WV-3257	VINYL
17	SW-3082	DOUBLE ROW	BULB WEATHER STRIP WYBORG # 470-12/WV-3082	VINYL
18	SW-STEEL	1/INTERLOCK	1/2" X 1 1/2"	STEEL
19	SW-7130	1/LOCKSTILE	FLUSH MOUNT METALIC HOOK LOCK DECO # 619218K20	ZINC
20	SW-AS	AS REQ'D	ASSEMBLY SCREWS	#8 X 1"
21	SW-FP	AS REQ'D	PAN SELF DRILLING	SMS #8 X 1"



GLAZING OPTIONS

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SERIES 1600
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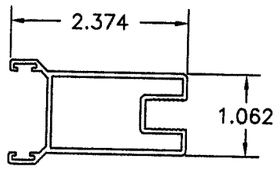
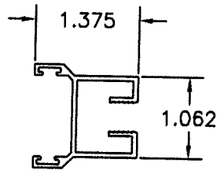
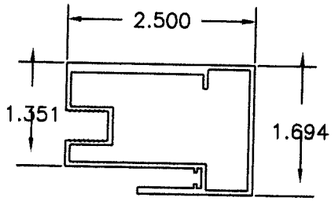
SHEET
4 OF 5



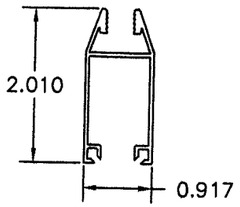
LOCK STILE
SW-006
6063-T5



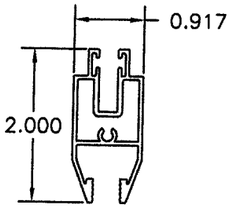
FIXED STILE
SW-007
6063-T5



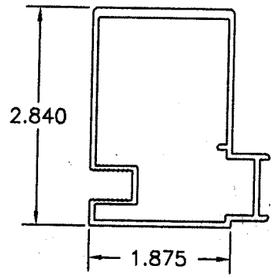
HD INTERLOCK
SW-41674
6063-T6



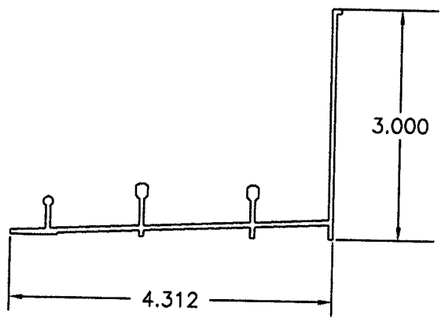
BOTTOM RAIL
SW-004
6063-T5



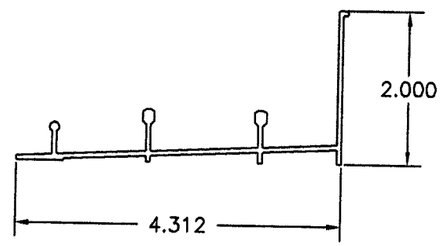
TOP RAIL
SW-005
6063-T5



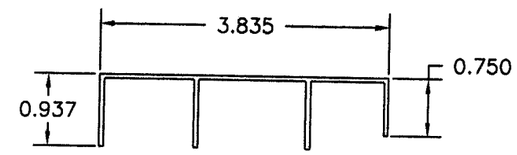
HD FEMALE ASTRAGAL
SW-3781
6063-T5



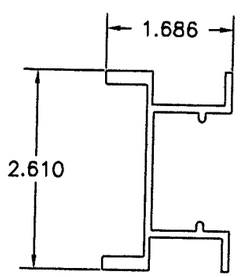
2T HI-RISE SILL
SSW-0002
6063-T5



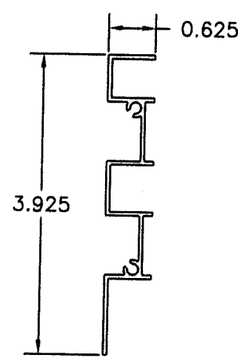
2T SILL
SSW-0015
6063-T5



2T HEAD
SW-002
6063-T5



STIFFENER FOR FEMALE ASTRAGAL
SW-3782
6063-T5



2T JAMB
SW-001
6063-T5

Approved as complying with the Florida Building Code
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SHEET
5 OF 5