



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)

www.buldingcodeonline.com

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 – L.M.I.

APPROVAL DOCUMENT: Drawing No. **SGD07-06**, titled "Series 1600 Aluminum Sliding Glass Door – Large Missile Impact Resistant", sheets 1 through 3 of 3, dated 4/6/07, prepared by manufacturer, signed and sealed by Francisco Hernandez, 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 Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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 # 00-1120.03** 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.**



NOA No 07-0301.09
Expiration Date: April 12, 2012
Approval Date: May 10, 2007
Page 1

Sunshine Windows Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

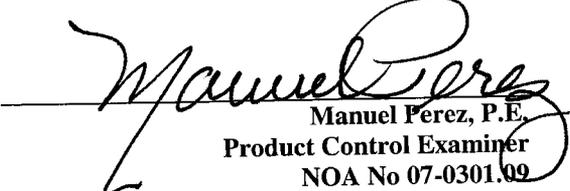
1. Manufacturer's die drawings and sections.
2. Drawing No **SGD07-06**, Sheets 1 through 3 of 3, titled "Series 1600 Aluminum Sliding Glass Door – Large Missile Impact Resistant", dated 4/6/07, prepared by manufacturer, signed and sealed by Francisco Hernandez, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94
2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94
3) Water Resistance Test, per PA 202-94
4) Large Missile Impact Test per SFBC, PA 201-94
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door glazed with 2 lites of 1/8" HS and Glasslam **Safety-Plus** laminated glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2332**, dated 11/15/99, signed and sealed by Aldo Pablo Gonzalez, P.E.
2. Test reports on 1) Large Missile Impact Test per SFBC, PA 201-94
2) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door glazed with 2 lites of 1/8" HS and Security Impact Glass Holdings L.L.C. **SAF-GLAS** laminated glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3212**, dated 12/3/01, signed and sealed by Luis Antonio Figueredo, P.E.
3. Test reports on 1) Large Missile Impact Test per SFBC, PA 201-94
2) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door glazed with 2 lites of 1/8" HS and Solutia Inc. **Saflex/Keepsafe Maximum** laminated glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3212-B**, dated 02/18/02, signed and sealed by Luis Antonio Figueredo, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, dated 4/4/07, prepared, signed and sealed by Francisco Hernandez, P.E.
Complies with ASTM E1300-98
2. Anchor Calculations and structural analysis, prepared by Sunshine Windows Manufacturing, Inc., dated 11/04/00, signed and sealed by Francisco Hernandez, P.E.


Manuel Perez, P.E.
Product Control Examiner
NOA No 07-0301.09
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D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

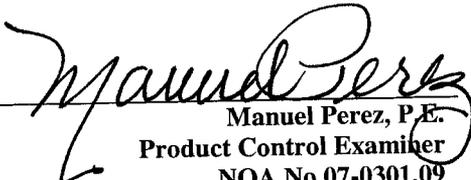
1. Notice of Acceptance No. **03-0916.02** issued to Glasslam NGI Inc. for their “Glasslam **Safety- Plus Laminated Glass**” dated 10/23/03, expiring on 09/09/08.
2. Notice of Acceptance No. **03-0421.01** issued to Solutia Inc. for their “**Saflex HP a polyvinyl butryal interlayer for lamination of glass**” dated 05/22/03, expiring on 03/14/08.
3. Notice of Acceptance No. **02-1205.03** issued to Security Impact Glass Holdings, LLC Inc. for their “**SAF-GLAS**” dated 01/02/03, expiring on 12/16/07.

F. STATEMENTS

1. Statement letter of conformance, dated April 6, 2007, signed and sealed by Francisco Hernandez, P.E.
2. “No financial Interest” letter, dated on November 4, 2000, issued Sunshine Windows Manufacturing. Inc., signed and sealed by Francisco Hernandez, P.E.

G. OTHER

1. Notice of Acceptance No. **00-1120.03**, issued to Sunshine Windows Manufacturing, Inc. for their Series 1600 Aluminum Sliding Glass Door, approved on 04/12/02 and expiring on 04/12/07.


Manuel Perez, P.E.
Product Control Examiner
NOA No 07-0301.09
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DESIGN PRESSURE CHART - PSF

PANEL DIMENSION IN INCHES		OX / XO		
		IMPACT RESISTANT GLASS		
WIDTH	HEIGHT	1/4" TAPCONS		
		POSITIVE	NEGATIVE	
3" SILL HEIGHT	24	80	70.0	70.0
	30		70.0	70.0
	36		70.0	70.0
	48		70.0	70.0
	24	96	70.0	70.0
	30		70.0	70.0
	36		70.0	70.0
	48		70.0	70.0

TYPICAL ANCHORS:

THRU 1" BY WOOD BUCK AND INTO MASONRY

1/4" TAPCONS IN PAIRS 1 1/4" MIN. EMBEDMENT INTO CONCRETE INTO 2" BY WOOD BUCK OR INTO WOOD STRUCTURE

1/4" TAPCONS IN PAIRS 1 1/2" MIN. PENETRATION INTO WOOD

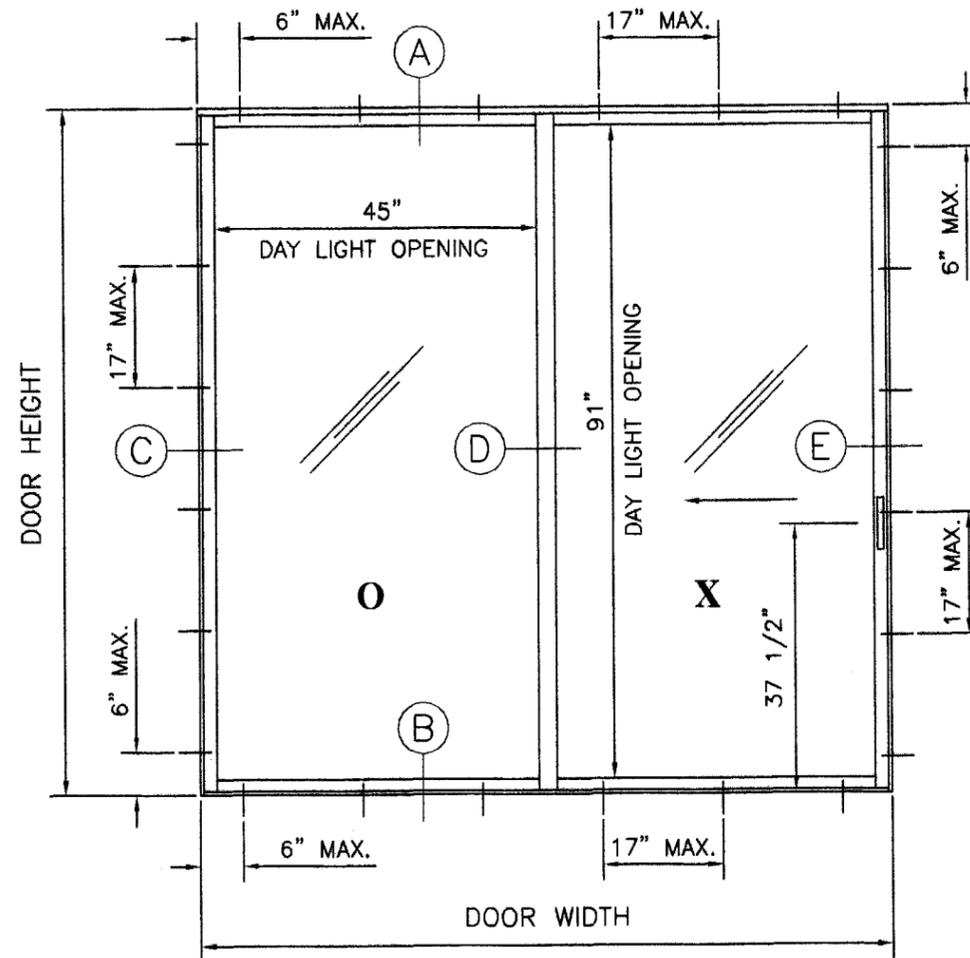
GLAZING:

GLASS OPTIONS:

- A) 3/8" OVERALL LAMINATED GLASS USING TWO LIGHTS OF 1/8" HEAT STRENGTHENED GLASS WITH A GLASSLAM SAFETY PLUS INNERLAYER, BY NEBULA GLASS INTERNATIONAL INC.
- B) 5/16" OVERALL LAMINATED GLASS USING TWO LIGHTS OF 1/8" HEAT STRENGTHENED GLASS WITH .090 INNERLAYER FILM, SAFLEX/KEEPSAFE MAXIMUM BY SOLUTIA INC. , BETWEEN THE TWO LITES OF GLASS.
- C) 5/16" OVERALL LAMINATED GLASS USING TWO LIGHTS OF 1/8" HEAT STRENGTHENED GLASS WITH .100 INNERLAYER FILM AND ADHESIVE, SAF-GLAS BY SECURITY IMPACT GLASS HOLDINGS L.L.C., BETWEEN THE TWO LITES OF GLASS.

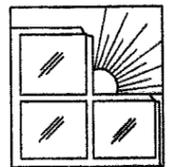
METHOD:

CHANNEL GLAZED WITH 1/2" GLAZING PENETRATION USING A BLACK COLORED SILICONE DOW CORNING 995 OR SIMILAR.



XO / OX (2 PANELS - 2 TRACKS)

ELEVATION



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
LARGE MISSILE IMPACT RESISTANT**

Drawn By: MH

Date: 4-6-07

Scale: 1/2" = 1'

Revision: _____

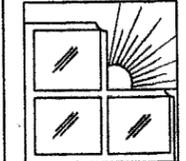
Revision: _____

DRAWING NO.
SGD07-06

SHEET
1 OF 3

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0301.09
Expiration Date APRIL 12, 2012
By Manuel Perez
Miami Dade Product Control
Division

[Signature]
4-6-07
FRANCISCO HERNANDEZ
FL. PE # 51393

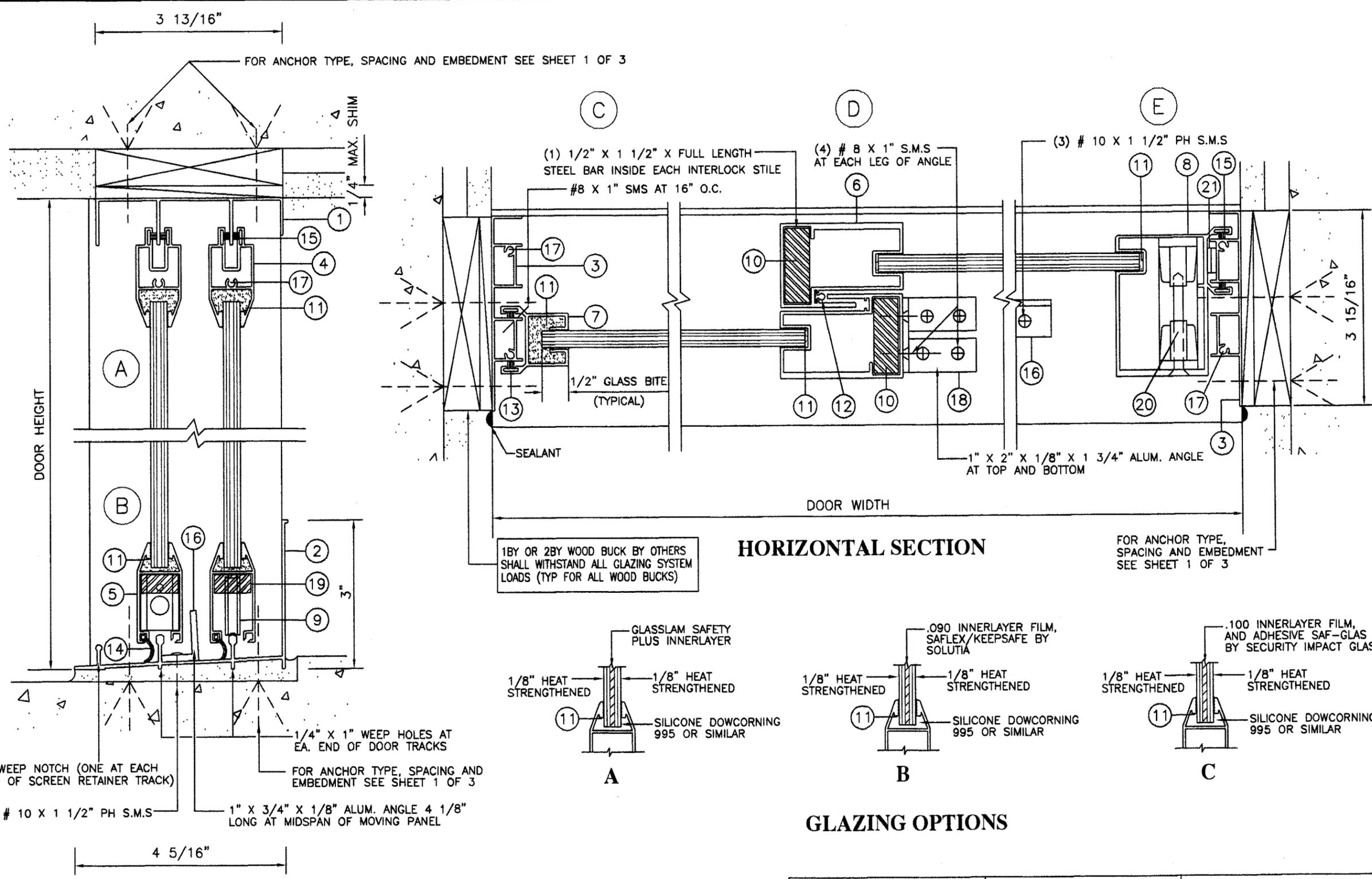


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SERIES 1600 ALUMINUM
SLIDING GLASS DOOR
LARGE MISSILE IMPACT RESISTANT

Drawn By: MH
Date: 4-6-07
Scale: 1/2"=1"
Revision: _____
Revision: _____

DRAWING NO.
SGD07-06
SHEET
2 OF 3

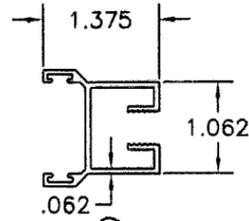


DESIGN PRESSURE RATING + 70.0 - 70.0 PSF
FOR ALL SLIDING GLASS DOOR SIZES EQUAL OR SMALLER THAN TEST UNIT

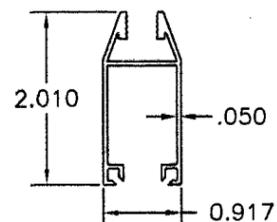
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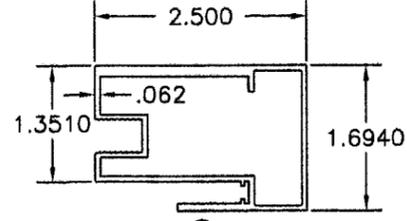
4-6-07
FRANCISCO HERNANDEZ
FL. PE # 51393



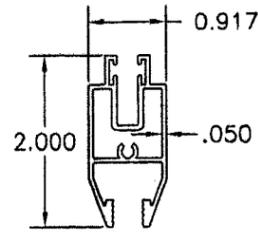
⑦
FIXED STILE
SSW-007
6063-T5



⑤
BOTTOM RAIL
SSW-004
6063-T5

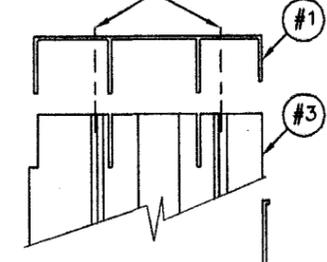


⑥
HD INTERLOCK
SSW-999
6063-T6



④
TOP RAIL
SSW-005
6063-T5

FRAME TOP CORNER
(2) # 8 X 1/2"

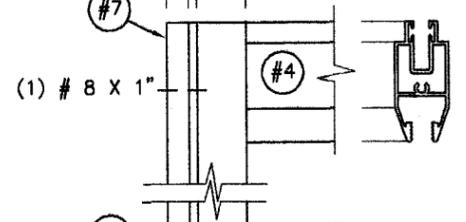


(2) # 8 X 1/2"

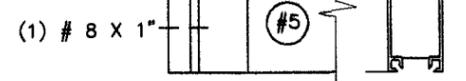


FRAME BOTTOM CORNER

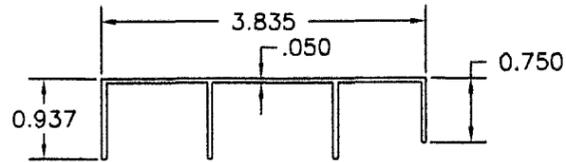
PANEL TOP CORNER



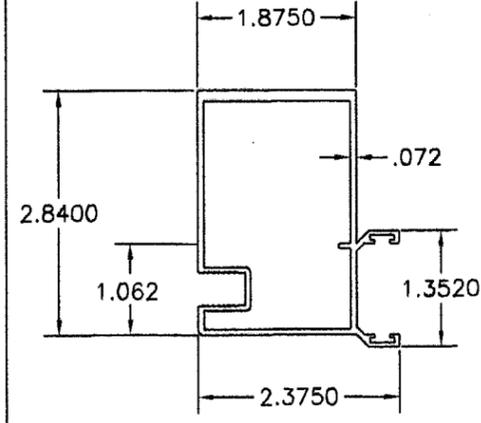
(1) # 8 X 1"



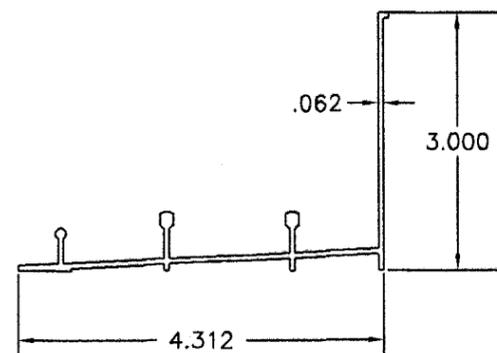
PANEL BOTTOM CORNER



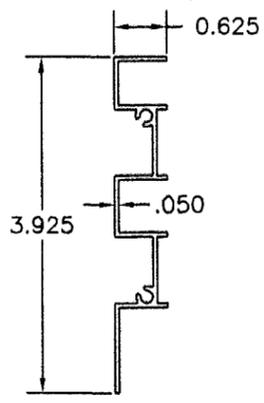
①
2T HEAD
SSW-002
6063-T5



⑧
LOCK STILE
SSW-106
6063-T5



②
2T HI-RISE SILL
SSW-0002
6063-T5



③
2T JAMB
SSW-001
6063-T5

BILL OF MATERIAL

No	PART	QTY	PART DESCRIPTION	MATERIAL
1	SSW-002	1	2D-2T FRAME HEAD	6063-T5
2	SSW-0002	1	2D-2T 3" FRAME SILL	6063-T5
3	SSW-001	2	2D 2T FRAME JAMB	6063-T5
4	SSW-005	2	TOP RAIL	6063-T5
5	SSW-004	2	BOTTOM RAIL	6063-T5
6	SSW-999	2	INTERLOCK	6063-T6
7	SSW-007	1	FIXED STILE	6063-T5
8	SSW-106	1	LOCK STILE	6063-T6
9	SW-62B	2	ROLLER & HOUSING	STEEL
10	SW-STEEL	2	1/2" X 1 1/2" X FULL LENGTH FLAT BAR	STEEL
11	-	AS REQ'D	SILICONE	DC-995
12	SW-3257	1	BULB WHEATHER STRIP	VINYL
13	SW-3082	1	BULB WHEATHER STRIP	VINYL
14	SW-2227	2	FLAP WHEATHER STRIP	VINYL
15	SW-1125	6	PILE WEATHER STRIP	POLYPROPYLENE
16	SW-R ANGLE	1	3/4" X 1" X 1/8" X 4 1/8"	6063 T5
17	SW-AS	AS REQ'D	#8X1" ASSEMBLY SCREWS	SMS
18	SW-ANGLE	2	1" X 2" X 1 3/4" X 1/8"	6063-T5
19	SW-STEEL	2	3/4" X 3/8" X FULL WIDTH FLAT BAR	STEEL
20	S-7130	1	HOOK LOCK	STEEL
21	S-7130-10	1	KEEPER	ZAMAK # 3

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SHEET
3 OF 3