



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

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

Sunshine Windows Manufacturing, Inc.
1785 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 and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "1600" Aluminum Sliding Glass Door w/ Reinforcements-L.M.I.

APPROVAL DOCUMENT: Drawing No: SGD13-01, titled "Series- 1600 Aluminum Sliding Glass Door Impact Resistant Glass", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/23/14, with Revision 2 dated 01/24/16, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:

1. See Design Pressures and Pairs anchors requirements at frame jambs, intermediate anchors at head and sill (excluding cluster) and applicable to all sizes Pairs interlock clusters in Conc/Metal or Wood substrates in sheet 2.
2. Full length steel reinforcements at interlocks item # 11 and each panel bottom rails item #12 are required.

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

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

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

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

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

This NOA revises NOA No. 13-0910.01 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jorge M. Plasencia, P.E.**



Jorge M. Plasencia
2/17/2016

NOA No. 15-0204.04
Expiration Date: April 17, 2019
Approval Date: February 25, 2016
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections
(Submitted under previous NOA No. 13-0910.01)
2. Drawing No: **SGD13-01**, titled "Series- 1600 Aluminum Sliding Glass Door Impact Resistant Glass", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/23/14, with Revision 2 dated 01/24/16, 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) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagrams of OX Alum sliding Glass doors, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL-6772** dated 01/11/2013, signed and sealed by Marlin D. Brinson, P. E.

(Submitted under previous NOA No. 13-0910.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2014, dated 01/24/16 and last revised on 02/05/16, prepared, signed and sealed by Francisco Hernandez, P.E.
2. Glazing complies w/ ASTM E-1300-09.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

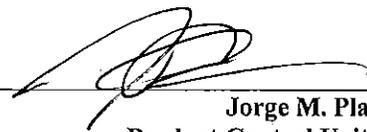
1. Notice of Acceptance No. **13-0129.27** issued to E.I. DuPont DeNemours & Co., Inc. for their "Butacite ® PVB interlayer", expiring on 12/11/16.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014, dated 01/28/15, and letter of no financial interest, dated 08/28/13 (submitted under previous NOA No. 13-0910.01) prepared, signed and sealed by Francisco Hernandez, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER

1. None.



Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 15-0204.04
Expiration Date: April 17, 2019
Approval Date: February 25, 2016

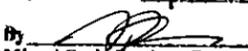
GENERAL NOTES:

- 1.- THIS PRODUCT MEETS THE REQUIREMENTS OF FBC 5TH EDITION (2014).
- 2.- SHUTTERS ARE NOT REQUIRED.
- 3.- REFERENCE TEST REPORT FTL-6772 DATED ON 01/11/2013.
- 4.- FOR INSTALLATION REFER TO ANCHOR DISTRIBUTION ELEVATIONS ON SHEET 2 OF 23, CLUSTERS DETAILS ON SHEET 2 OF 8 AND TYPICAL SECTIONS ON SHEETS 4 THRU 6 OF 8.
- 5.- WOOD BUCKS NOT INCLUDED IN THE SCOPE OF THIS PRODUCT APPROVAL SHALL BE PROPERLY ANCHORED AND SEALED TO SUSTAIN AND TRANSFER THE LOADS IMPOSED BY THE GLAZING SYSTEM TO THE STRUCTURE AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.
- 6.- WOOD HOST STRUCTURE NOT INCLUDED IN THE SCOPE OF THIS PRODUCT APPROVAL SHALL BE SOUTHERN YELLOW PINE G = 0.55 OR GREATER DENSITY AND SHALL BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.
- 7.- CONCRETE / MASONRY STRUCTURE FOR UNIT ATTACHMENT SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
 - CONCRETE STRENGTH $F_c'28 = 3000$ PSI MIN.
 - CMU AS PER ASTM C90. CMU MUST BE 8-INCH THICK, NORMAL WEIGHT BLOCKS WITH A MINIMUM COMPRESSIVE STRENGTH OF 1.9 KSI.
 - FILLED CMU $F_m' = 2000$ PSI MIN.
- 8.- STEEL HOST STRUCTURE NOT INCLUDED IN THE SCOPE OF THIS PRODUCT APPROVAL SHALL NOT BE LESS THAN 1/8" THICK. STEEL SHALL BE A-36 $F_y = 36$ KSI MIN. STEEL STRUCTURE SHALL BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.
- 9.- ALUMINUM HOST STRUCTURE NOT INCLUDED IN THE SCOPE OF THIS PRODUCT APPROVAL. THE THICKNESS OF THE ALUMINUM HOST STRUCTURE SHALL NOT BE LESS THAN 1/8". ALUMINUM SHALL BE 6063-T6 AND SHALL BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.
- 10.- ALUMINUM IN CONTACT WITH DISSIMILAR MATERIALS SHALL BE PROTECTED (BY OTHERS) AS SPECIFIED IN FBC 5TH EDITION (2014).
- 11.- DOORS SHALL COMPLY WITH EGRESS REQUIREMENTS OF FBC 5TH EDITION (2014) AS APPLICABLE.
- 12.- COLONIAL MUNTINS CAN BE APPLIED.
- 13.- SEE CORNERS DETAILS ON SHEET 7 OF 8.
- 14.- USE NON-SHRINK, NON-METALLIC HYDRAULIC CEMENT GROUT PER ASTM C1107/C1107M STANDARD SPECIFICATION FOR PACKAGED DRY.

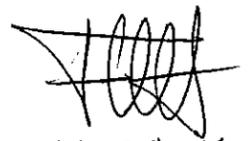
INDEX OF DRAWINGS	
1 OF 8.-	GENERAL NOTES AND INDEX OF DRAWINGS.
2 OF 8.-	DOOR ELEVATION, DESIGN PRESSURES CHART, ANCHOR DISTRIBUTION CHART AND CLUSTERS DETAILS.
3 OF 8.-	DOOR VERTICAL AND HORIZONTAL CROSS SECTIONS.
4 OF 8.-	TYPICAL SECTIONS AT HEAD. ATTACHMENT TO DIFFERENT SUBSTRATES.
5 OF 8.-	TYPICAL SECTIONS AT JAMBS. ATTACHMENT TO DIFFERENT SUBSTRATES.
6 OF 8.-	TYPICAL SECTION AT SILL. ATTACHMENT TO DIFFERENT SUBSTRATES.
7 OF 8.-	GLAZING DETAIL AND FRAME & PANEL CORNER DETAILS.
8 OF 8.-	MATERIAL LIST AND PARTS DETAILS.

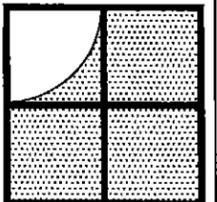
ANCHOR NOTES:

- 1.- MECHANICAL PROPERTIES OF ULTRACON ANCHOR BY ELCO:
 - A.- YIELD STRENGTH (FY)= 155 KSI
 - B.- ULTIMATE TENSILE STRENGTH (FU)= 177 KSI
- 2.- MECHANICAL PROPERTIES OF KWIK-FLEX SELF-DRILLING SCREW (GRADE 5) BY HILTI:
 - A.- YIELD STRENGTH (FY)= 92 KSI
 - B.- ULTIMATE TENSILE STRENGTH (FU)= 120 KSI
- 3.- MECHANICAL PROPERTIES OF DRIL-FLEX SELF-DRILLING FASTENER (GRADE 5) BY ELCO:
 - A.- YIELD STRENGTH (FY)= 92 KSI
 - B.- ULTIMATE TENSILE STRENGTH (FU)= 120 KSI

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 15-0204.04
 Expiration Date April 17, 2019
 By 
 Miami Dade Product Control

GENERAL NOTES AND INDEX OF DRAWINGS
THIS PRODUCT IS LARGE MISSILE IMPACT RESISTANT HENCE
IT DOES NOT REQUIRE SHUTTERS


 01-24-16
 FRANCISCO HERNANDEZ
 FLORIDA PE # 51393

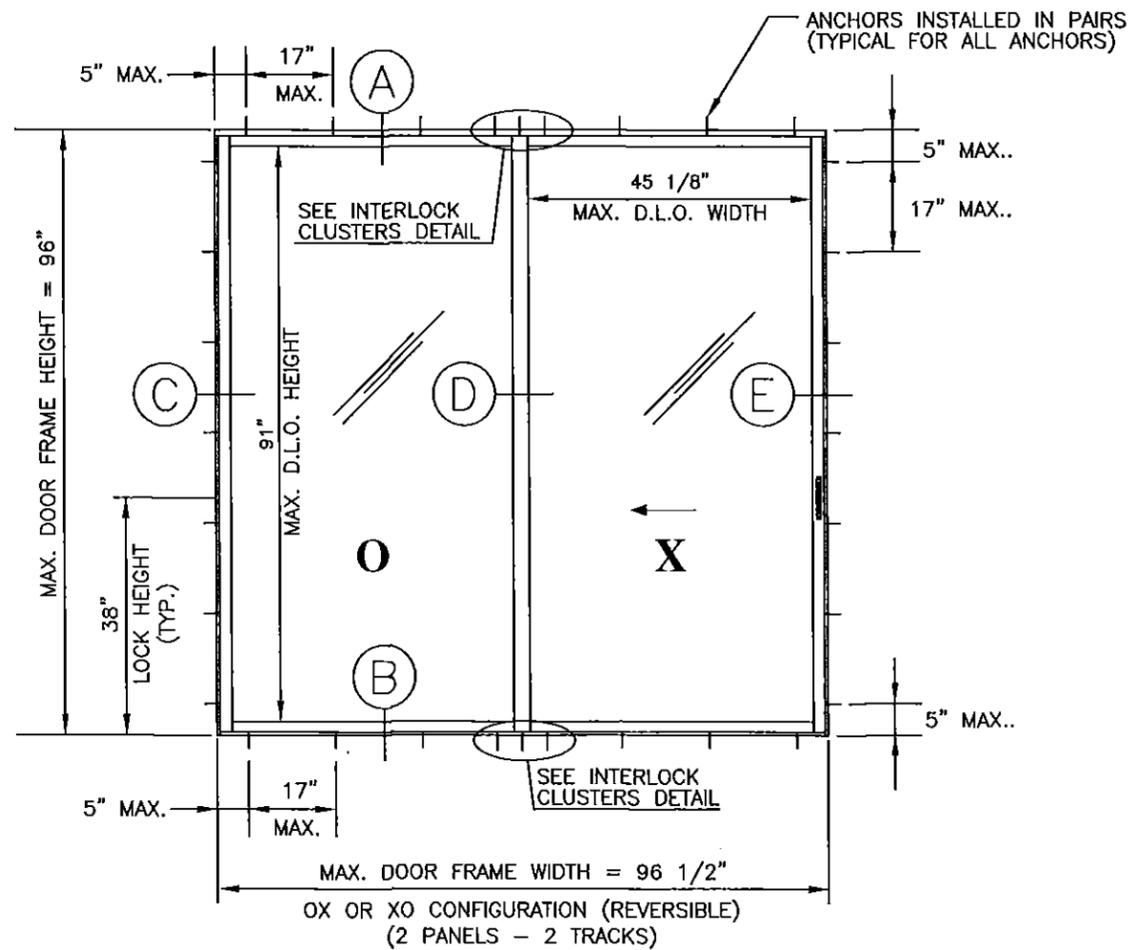


Sunshine Windows
 Manufacturing, Inc.
 1745 W. 33rd Place
 Hialeah, Florida 33012
 Ph: (305)364-9952
 Fax:(305)828-5118

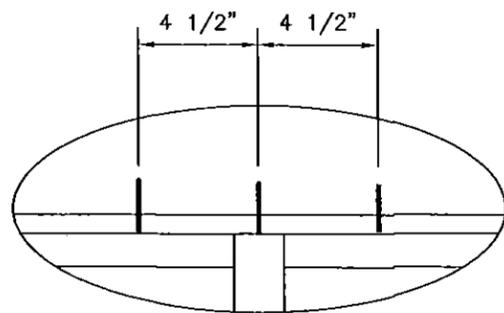
SERIES 1600
 ALUMINUM SLIDING GLASS DOOR
 IMPACT RESISTANT GLASS

No	DATE	REVISION
1	01-14-15	UPDATED FOR 2014 FBC
2	01-24-16	

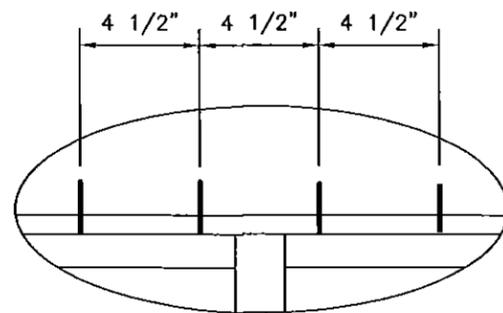
DRAWING No.
 SGD13-01
 DATE: 03-23-14
 SCALE: NTS
 SHEET 1 OF 8



DOOR ELEVATION



TYPICAL AT INTERLOCK HEAD AND SILL.
THREE PAIRS OF ANCHORS PER CLUSTER
ATTACHMENT TO CONCRETE
AND METAL SUBSTRATES



TYPICAL AT INTERLOCK HEAD AND SILL.
FOUR PAIRS OF ANCHORS PER CLUSTER
ATTACHMENT TO WOODEN SUBSTRATES

**DETAIL OF ANCHOR CLUSTER
AT TOP AND BOTTOM OF INTERLOCK**

**DESIGN PRESSURES
AND ANCHOR DISTRIBUTION CHART**

FRAME HEIGHT	PANEL NOMINAL DIMENSION IN INCHES		NUMBER OF PAIRS OF ANCHORS (INTERLOCK CLUSTER ANCHORS ARE NOT INCLUDED)	DESIGN PRESSURE (PSF)					
	WIDTH	HEIGHT		5/16" NOMINAL IMPACT LAMINATED GLASS					
				AT HEAD AND AT SILL FRAME		ANCHORS INSTALLED IN CONCRETE OR METAL		ANCHORS INSTALLED IN WOOD	
		JAMB	<u>XO OR OX</u>		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	
84	24	83 1/8	6	2		80.00	80.00	80.00	80.00
	30			4		80.00	80.00	80.00	80.00
	36			4		80.00	80.00	73.32	73.32
	48			6		80.00	80.00	60.49	60.49
96	24	95 1/8	7	2		80.00	80.00	80.00	80.00
	30			4		80.00	80.00	71.69	71.69
	36			4		80.00	80.00	62.04	62.04
	48			6		69.00	69.00	50.41	50.41

WIND LOAD A.S.D. FACTOR NOTE:

THE DESIGN PRESSURES SHOWN ON THIS CHART ARE FOR ALLOWABLE STRESS DESIGN. WIND LOADS CALCULATED BASED UPON "ULTIMATE WIND SPEED" AS DETERMINED FROM ASCE 7-10 OR IBC 2012 ARE PERMITTED TO BE MULTIPLIED BY 0.6 FOR COMPARISON BETWEEN THE ACTING WIND LOADS AND THE DESIGN PRESSURE OF THE UNITS.

D.L.O. DIMENSION FORMULAS

- 1.- D.L.O. HEIGHT = FRAME HEIGHT - 5"
- 2.- D.L.O. WIDTH = (FRAME WIDTH - 6.625")/2

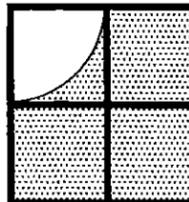
CLUSTER ANCHORS SHALL BE AS FOLLOWS:

- 1/4" Ø ULTRACON BY ELCO WITH 1 3/4" MIN. EMBEDMENT INTO CONCRETE.
- 1/4" Ø ULTRACON BY ELCO WITH 1 3/4" MIN. PENETRATION INTO WOOD.
- 1/4" Ø KWIK-FLEX BY HILTI OR DRIL-FLEX BY ELCO GR 5 SELF DRILLING SCREWS THROUGH METAL.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0204.04
Expiration Date 4/17/2014
By *[Signature]*
Miami Data Product Control

[Signature]
02-05-16

FRANCISCO HERNANDEZ
FLORIDA PE # 51393



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

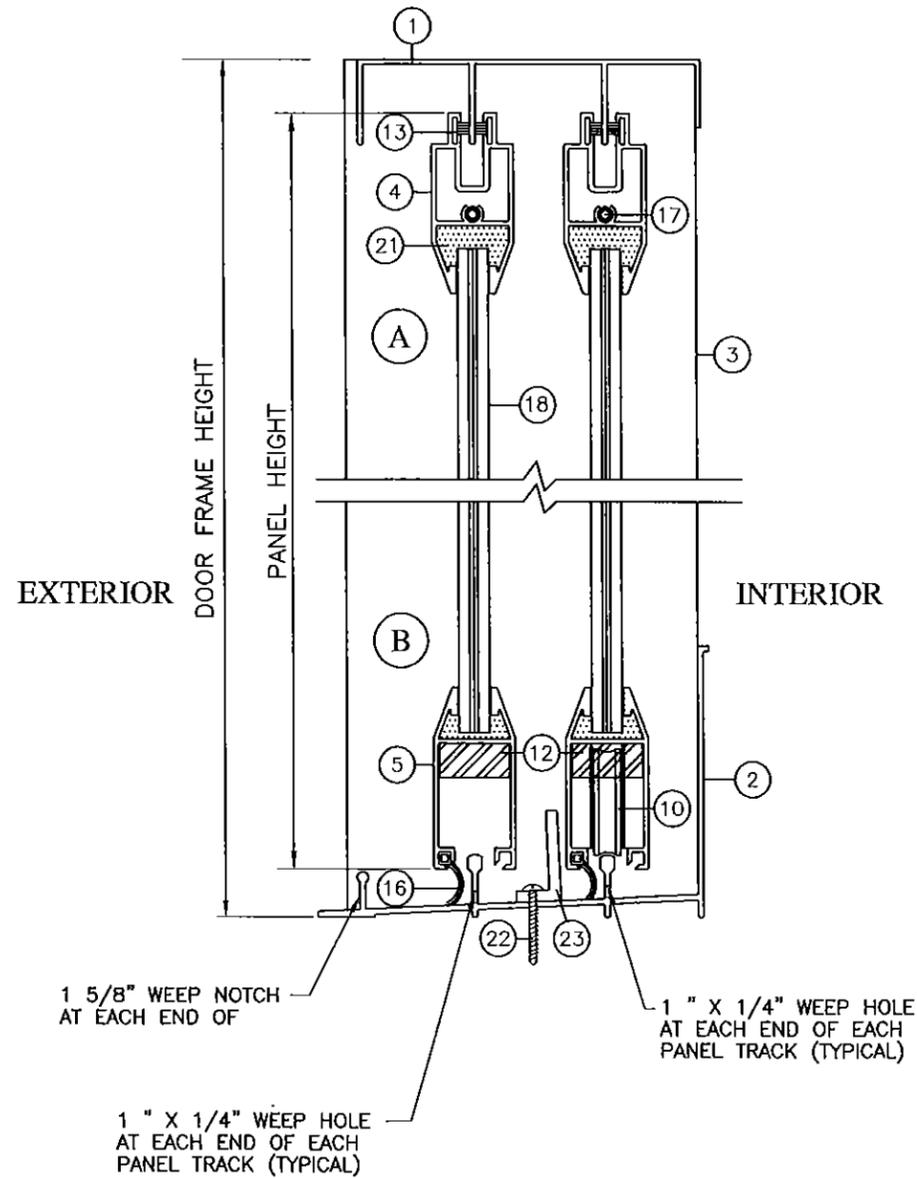
**SERIES 1600
ALUMINUM SLIDING GLASS DOOR
IMPACT RESISTANT GLASS**

No	DATE	REVISION
1	01-14-15	UPDATED FOR 2014 FBC
2	01-24-16	

DRAWING No.
SGD13-01
DATE: 03-23-14
SCALE: NTS

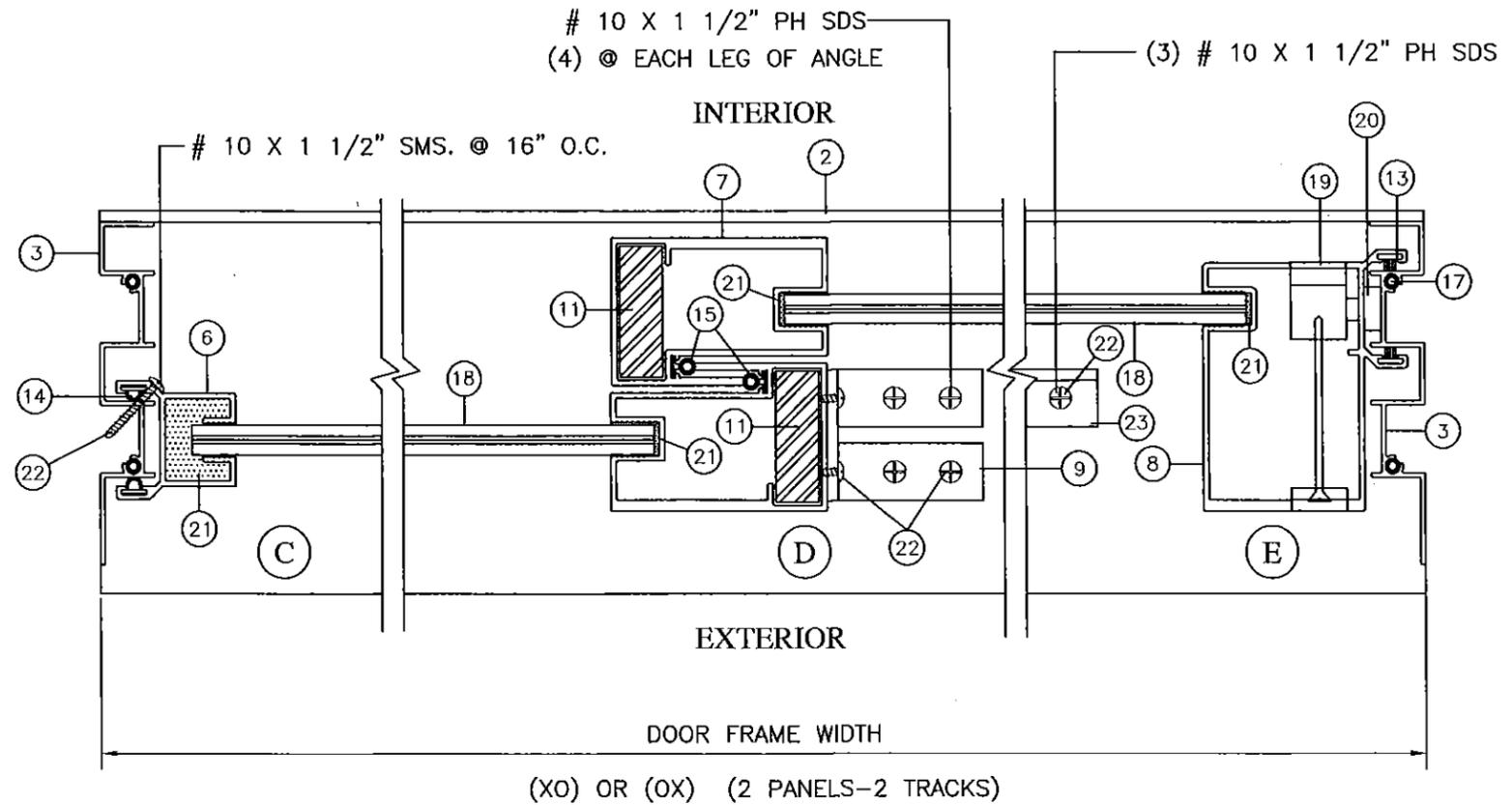
SHEET 2 OF 8

NOTE: SEE MATERIAL LIST ON SHEET 8 OF 8 FOR ITEMS DESCRIPTION.

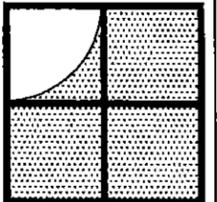


VERTICAL SECTION

FOR INSTALLATION DETAILS SEE SHEETS 4 THRU 6



HORIZONTAL SECTION



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

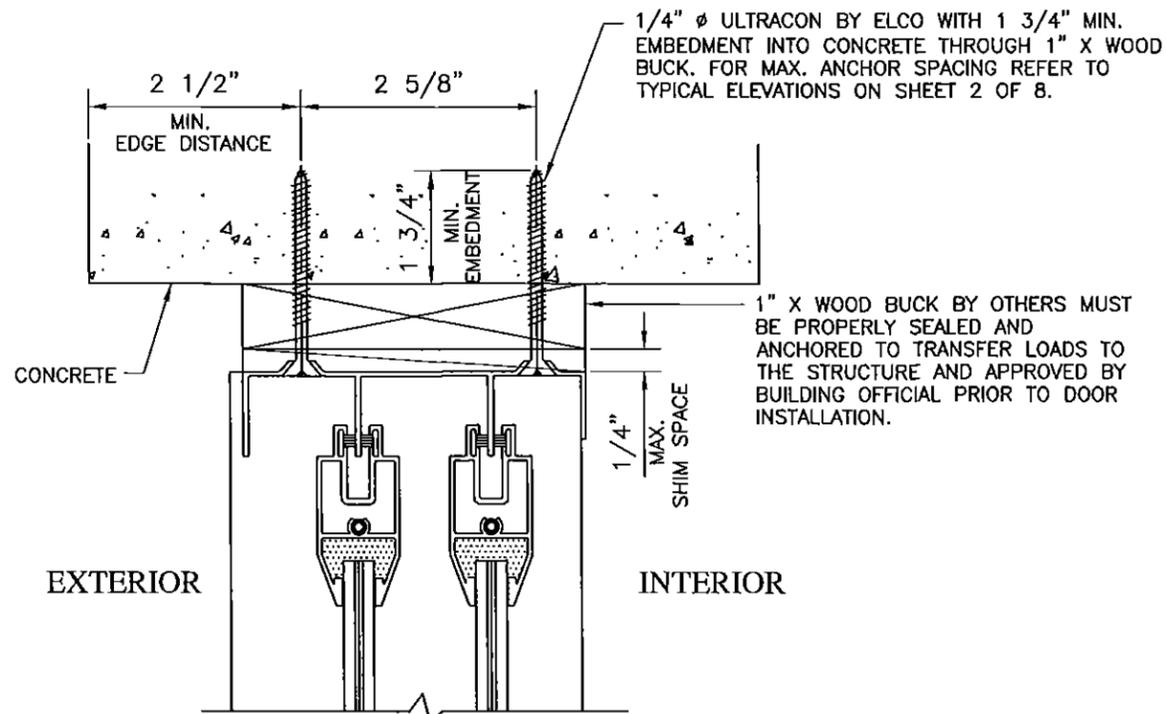
SERIES 1600
ALUMINUM SLIDING GLASS DOOR
IMPACT RESISTANT GLASS

No	DATE	REVISION
1	01-14-15	UPDATED FOR 2014 FBC
2	01-24-16	

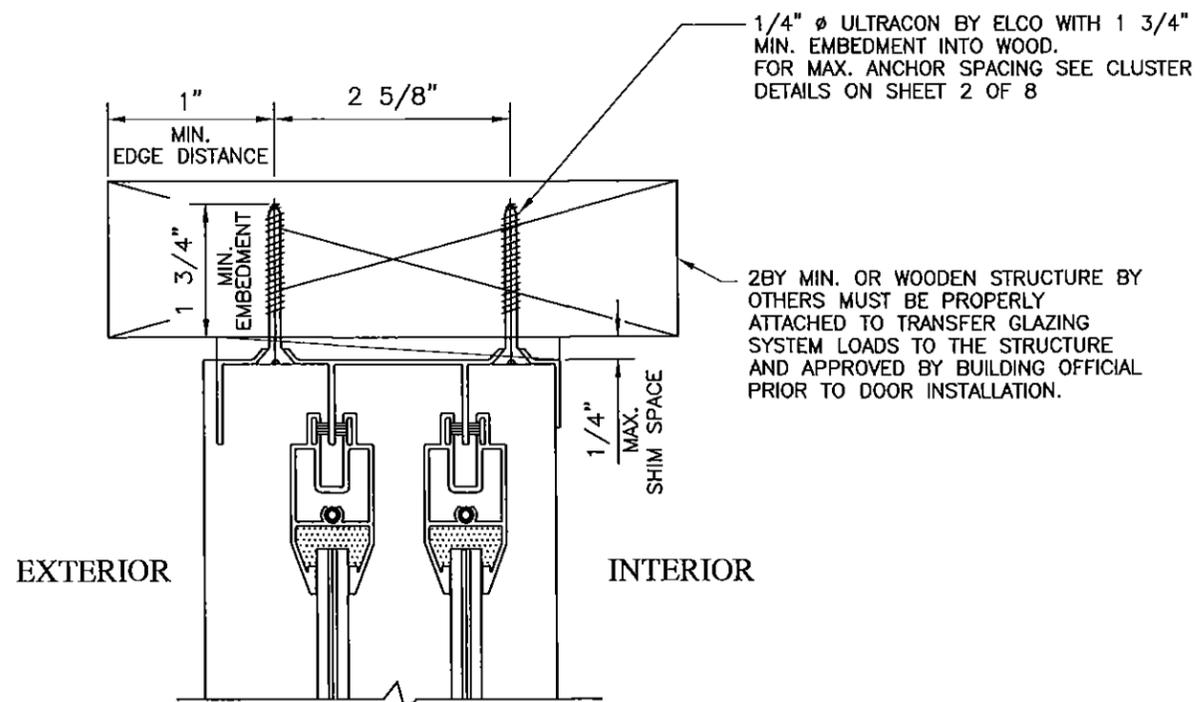
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0204.04
Expiration Date 4/17/2019
By: *[Signature]*
Miami Door Product Control

[Signature]
01-24-16
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

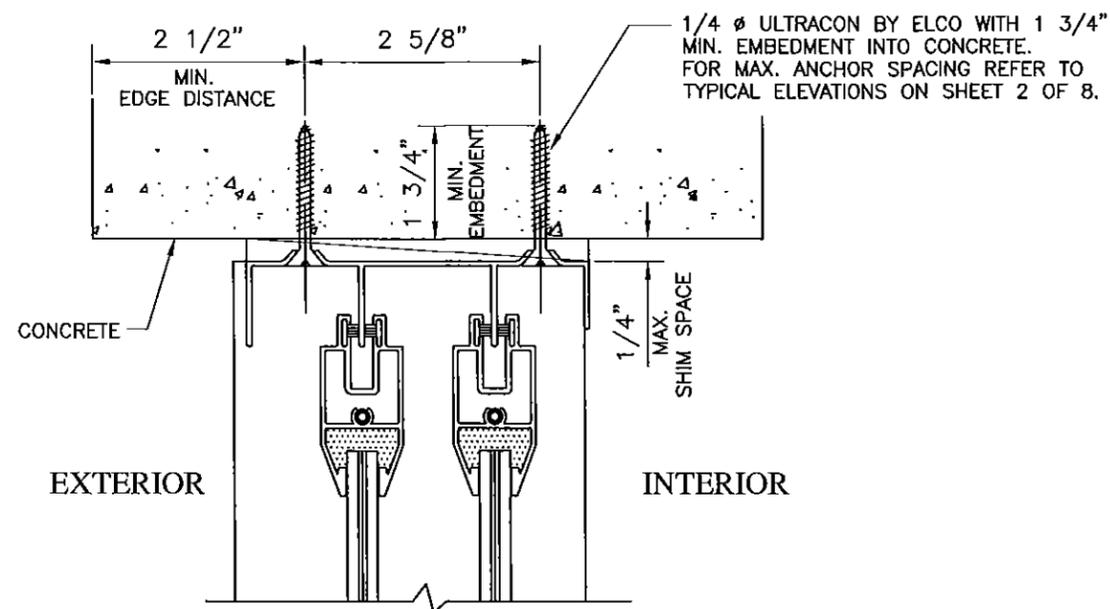
DRAWING No.
SGD13-01
DATE: 03-23-14
SCALE: 1/2"=1"
SHEET 3 OF 8



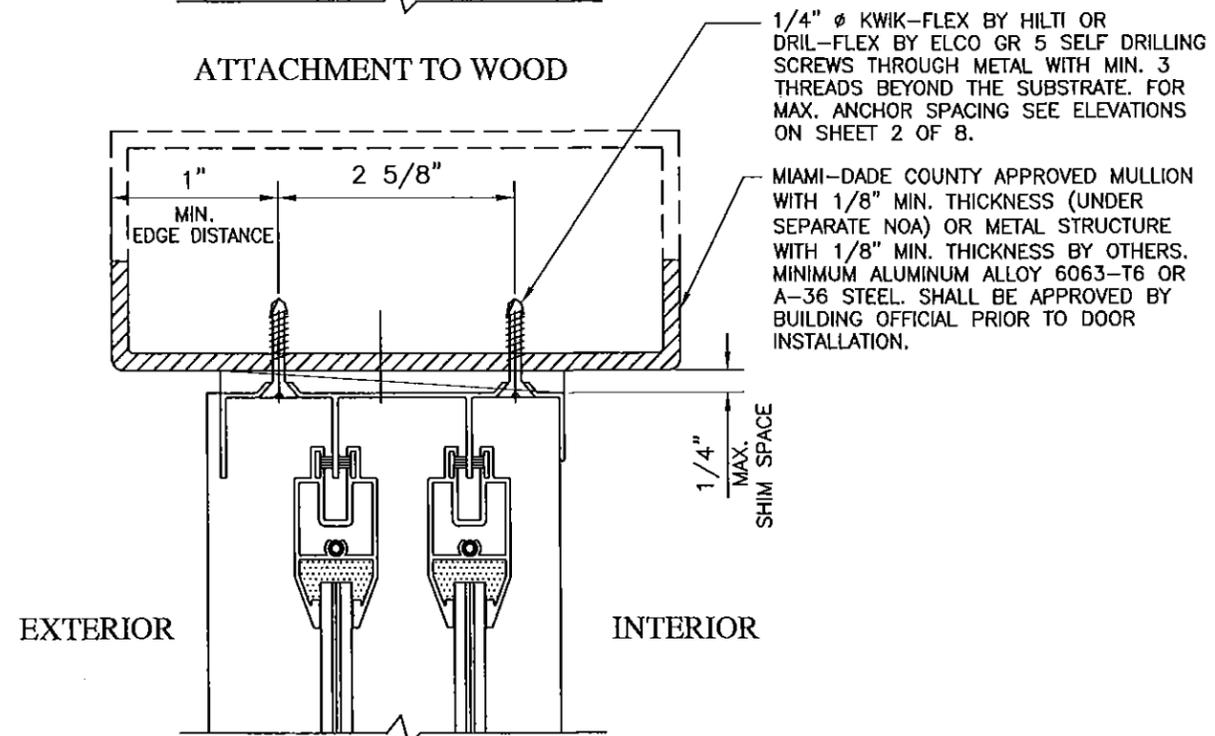
ATTACHMENT TO CONCRETE USING 1" BY WOOD BUCK



ATTACHMENT TO WOOD

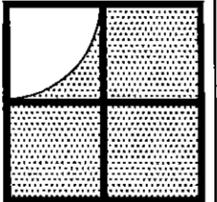


ATTACHMENT TO CONCRETE WITHOUT WOOD BUCK



ATTACHMENT TO METAL

TYPICAL SECTIONS AT HEAD ATTACHMENT TO DIFFERENT SUBSTRATES



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

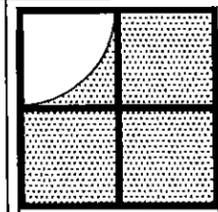
SERIES 1600
ALUMINUM SLIDING GLASS DOOR
IMPACT RESISTANT GLASS

No	DATE	REVISION
1	01-14-15	UPDATED FOR 2014 FBC
2	01-24-16	

PRODUCT PROVIDED as compliant with the Florida Building Code Acceptance No. 15-0204.04 Expiration Date 4/17/2019
By: *[Signature]*
Miami Dade Product Control

[Signature]
01-24-16
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

DRAWING No. SGD13-01
DATE: 03-23-14
SCALE: 1/2"=1"
SHEET 4 OF 8



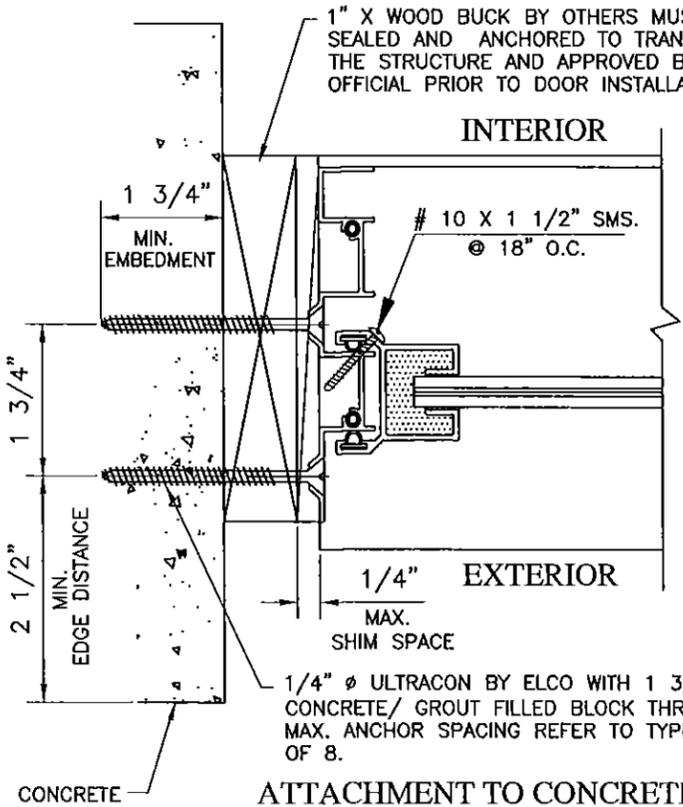
Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax:(305)828-5118

SERIES 1600
ALUMINUM SLIDING GLASS DOOR
IMPACT RESISTANT GLASS

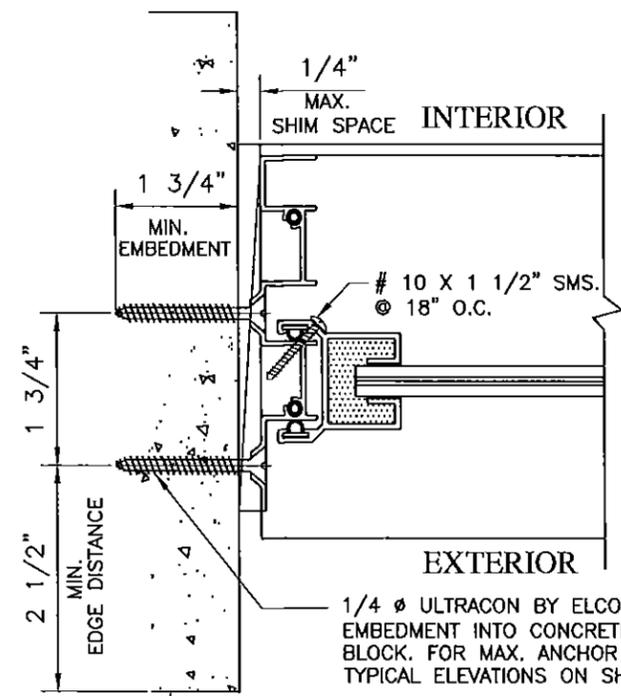
No	DATE	REVISION
1	01-14-15	UPDATED FOR 2014 FBC
2	01-24-16	

DRAWING No.
SGD13-01
DATE: 03-23-14
SCALE: 1/2"=1"
SHEET 5 OF 8

1" X WOOD BUCK BY OTHERS MUST BE PROPERLY SEALED AND ANCHORED TO TRANSFER LOADS TO THE STRUCTURE AND APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.



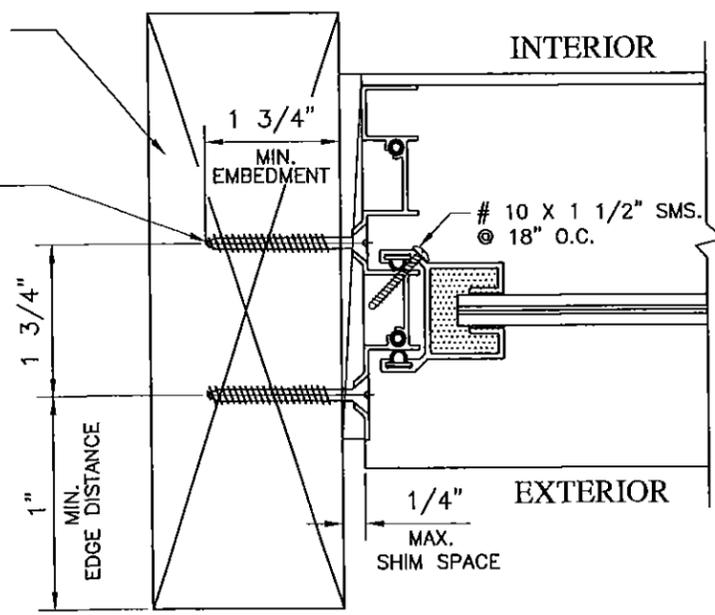
ATTACHMENT TO CONCRETE OR GROUT FILLED BLOCK USING 1" BY WOOD BUCK



ATTACHMENT TO CONCRETE OR GROUT FILLED BLOCK WITHOUT WOOD BUCK

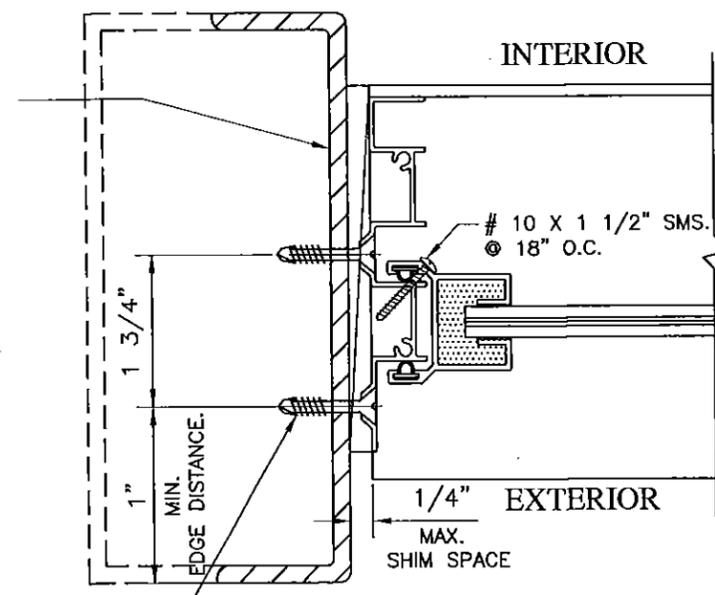
2BY MIN. OR WOODEN STRUCTURE BY OTHERS MUST BE PROPERLY ATTACHED TO TRANSFER GLAZING SYSTEM LOADS TO THE STRUCTURE AND APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.

1/4" Ø ULTRACON BY ELCO WITH 1 3/4" MIN. EMBEDMENT INTO WOOD. FOR MAX. ANCHOR SPACING REFER TO TYPICAL ELEVATIONS ON SHEET 2 OF 8.



ATTACHMENT TO WOOD

MIAMI-DADE COUNTY APPROVED MULLION WITH 1/8" MIN. THICKNESS (UNDER SEPARATE NOA) OR METAL STRUCTURE WITH 1/8" MIN. THICKNESS BY OTHERS. MINIMUM ALUMINUM ALLOY 6063-T6 OR A-36 STEEL. SHALL BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.



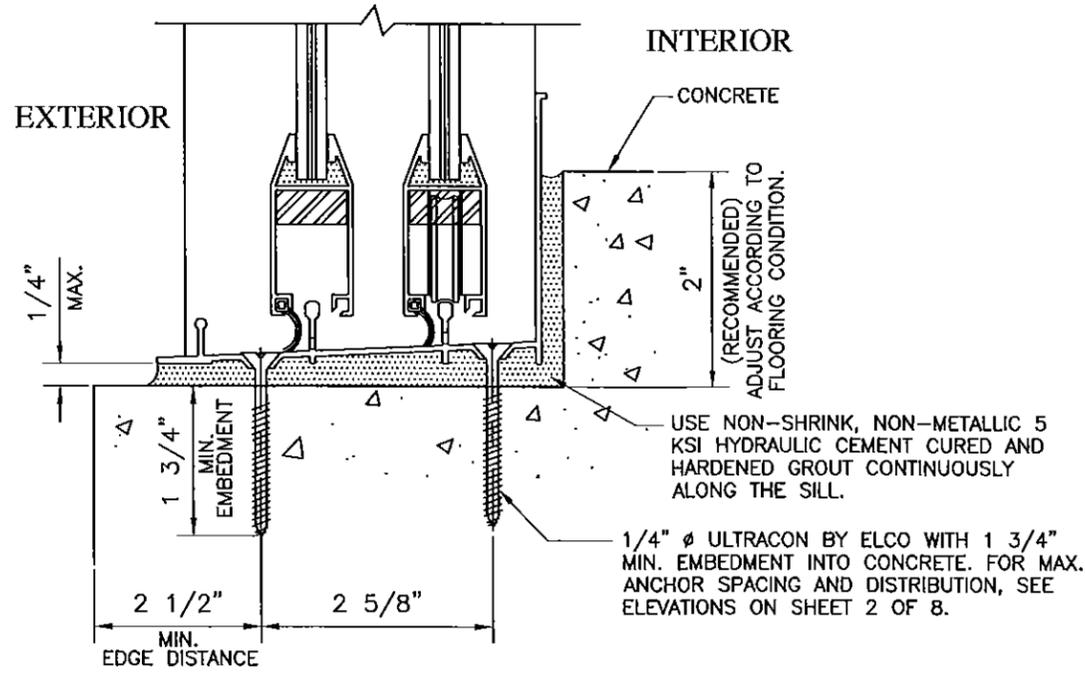
ATTACHMENT TO METAL

1/4" Ø KWIK-FLEX BY HILTI OR DRIL-FLEX BY ELCO GR 5 SELF DRILLING SCREWS THROUGH METAL WITH MIN. 3 THREADS BEYOND THE SUBSTRATE. FOR MAX. ANCHOR SPACING SEE ELEVATIONS ON SHEET 2 OF 8.

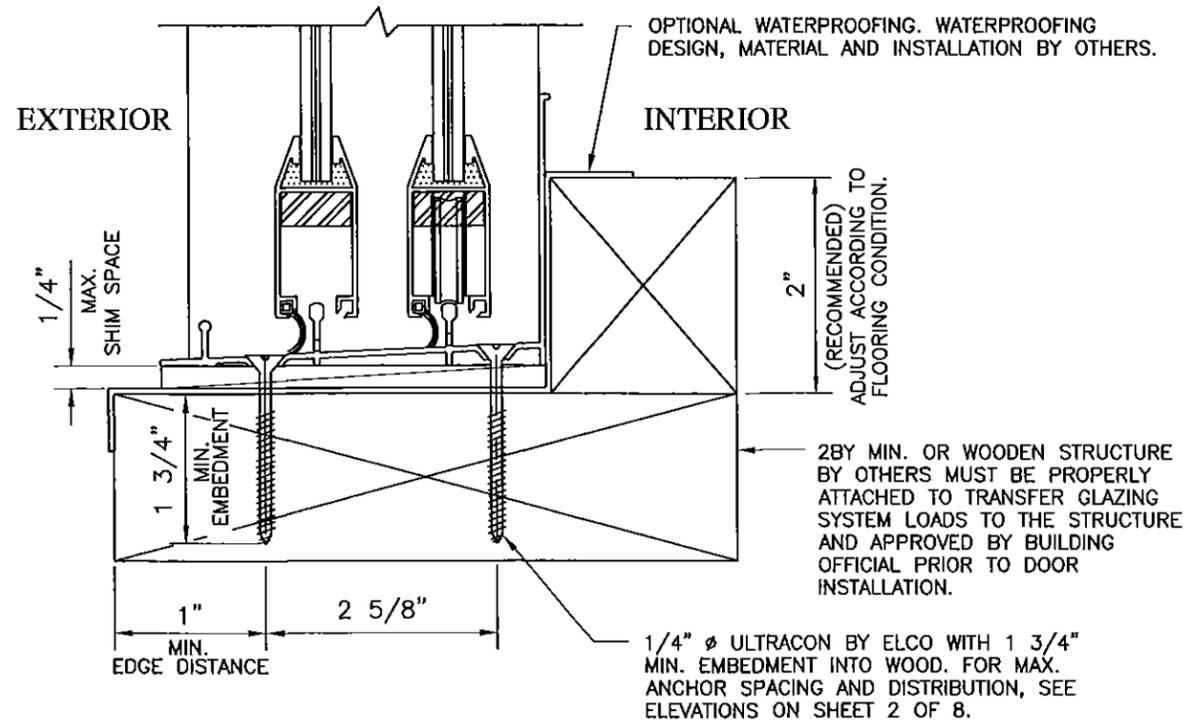
TYPICAL SECTIONS AT JAMBS
ATTACHMENT TO DIFFERENT SUBSTRATES

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0204-04
Expiration Date 4/17/2019
By *[Signature]*
Miami Dade Product Control

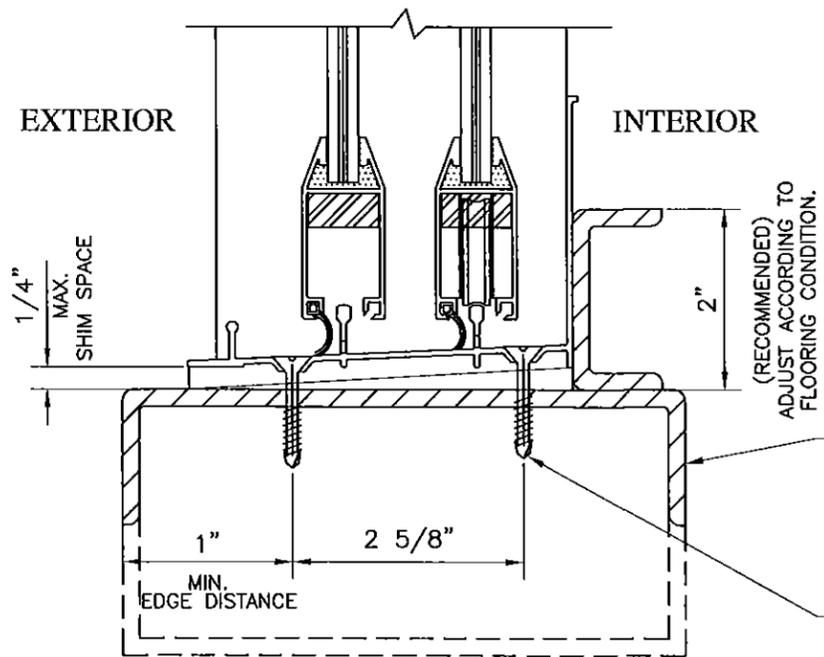
[Signature]
01-24-16
FRANCISCO HERNANDEZ
FLORIDA PE # 51393



ATTACHMENT TO CONCRETE

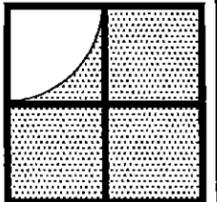


ATTACHMENT TO WOOD



ATTACHMENT TO METAL

TYPICAL SECTIONS AT SILL
ATTACHMENT TO DIFFERENT SUBSTRATES



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
IMPACT RESISTANT GLASS

No	DATE	REVISION
1	01-14-15	UPDATED FOR 2014 FBC
2	01-24-16	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0204.04
Expiration Date 4/17/2019
By *[Signature]*
Miami Dade Product Control

[Signature]
01-24-16

FRANCISCO HERNANDEZ
FLORIDA PE # 51393

DRAWING No.
SGD13-01
DATE: 03-23-14
SCALE: 1/2"=1"
SHEET 6 OF 8

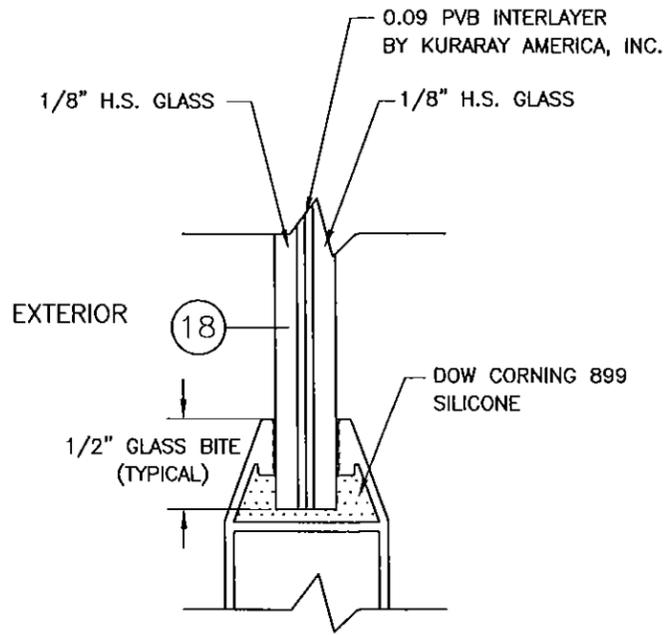
FRAME AND PANEL CORNER CONSTRUCTION

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
 IMPACT RESISTANT GLASS

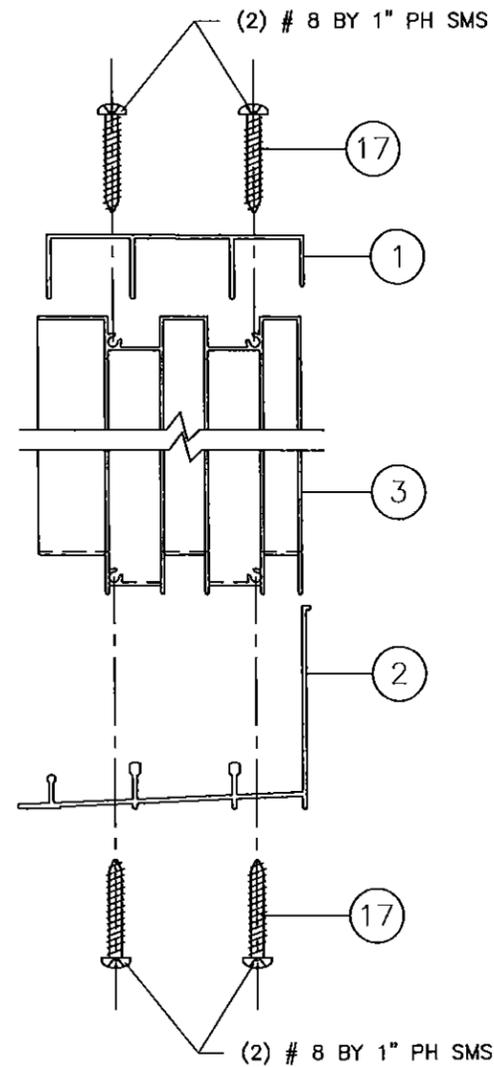
No	DATE	REVISION
1	01-14-15	UPDATED FOR 2014 FBC
2	01-24-16	

DRAWING No.
 SGD13-01
 DATE: 03-23-14
 SCALE: NTS
 SHEET 7 OF 8

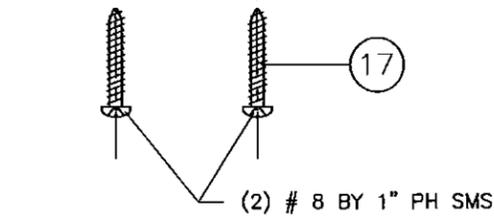


18 NOM. 5/16" HS. LAMINATED GLASS
 GLAZING DETAIL
 Scale: 1"=1"

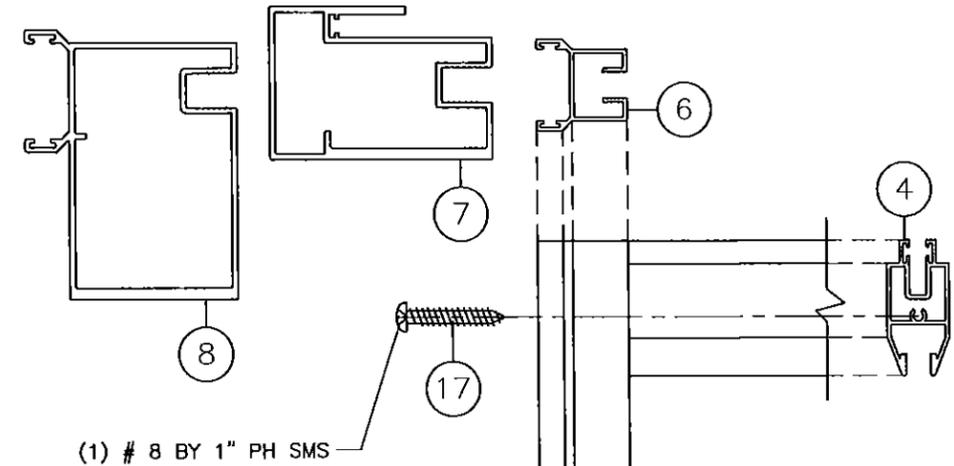
FRAME UPPER CORNERS CONSTRUCTION DETAIL



FRAME LOWER CORNERS CONSTRUCTION DETAIL



PANEL TOP RAIL CORNERS CONSTRUCTION DETAIL

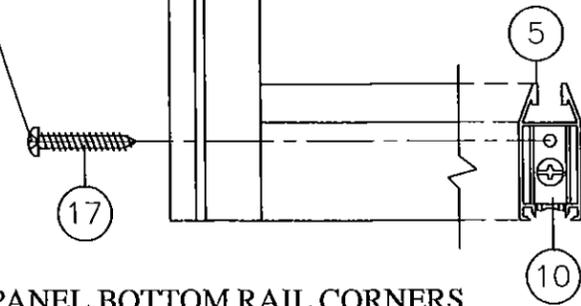


(1) # 8 BY 1" PH SMS

NOTE:
 ITEMS # 6, 7 AND 8
 ARE ALL VERTICAL MEMBERS USED TO
 CONFIGURE PANELS. SEE HORIZONTAL
 SECTION ON SHEET 3 OF 8.

(1) # 8 BY 1" PH SMS

PANEL BOTTOM RAIL CORNERS CONSTRUCTION DETAIL



GLAZING DETAIL AND FRAME & PANEL CONERS DETAILS

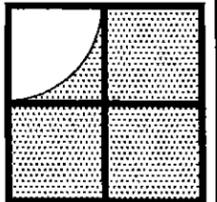
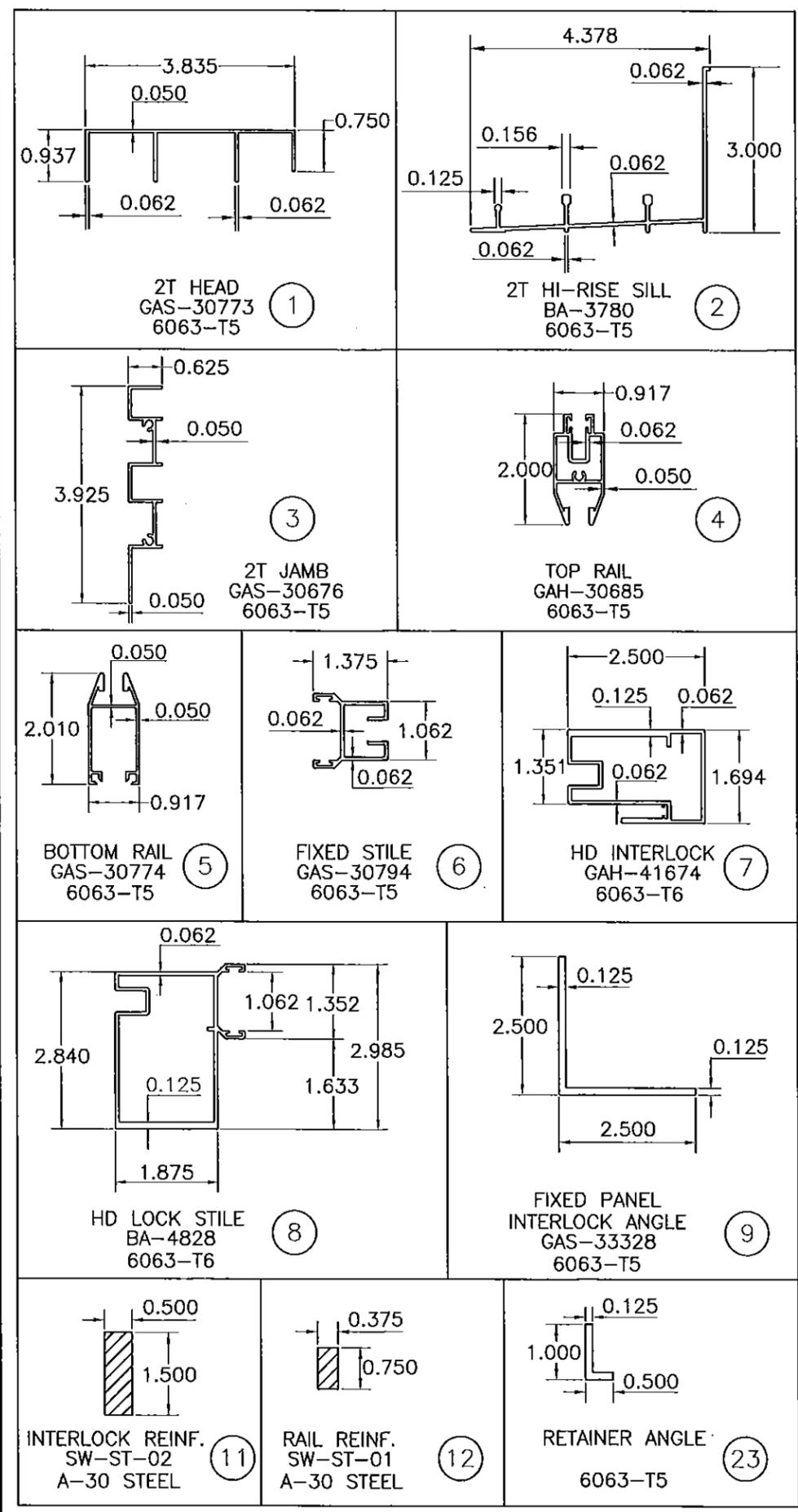
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 15-0204.04
 Expiration Date: 4/17/2019
 By: [Signature]
 Miami Trade Product Control

[Signature]
 01-24-16
 FRANCISCO HERNANDEZ
 FLORIDA PE # 51393

MATERIAL LIST

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
1	GAS-30773	1	2 TRACKS FRAME HEAD	6063-T5
2	BA-3780	1	2 TRACKS FRAME SILL	6063-T5
3	GAS-30676	1	2 TRACKS FRAME JAMB	6063-T5
4	GAH-30685	2	PANEL TOP RAIL	6063-T5
5	GAS-30774	2	PANEL BOTTOM RAIL	6063-T5
6	GAS-30794	1	PANEL FIXED STILE	6063-T5
7	GAH-41674	2	PANEL HD INTERLOCK	6063-T6
8	BA-4828	1	PANEL HD LOCK STILE	6063-T6
9	GAS-33328	2 @ FIXED PANEL INTERLOCK 1 @ TOP AND 1 @ BOTTOM	2 1/2" x 2 1/2" x 1/8" ANGLE	6063-T5
10	Mbc-05230B01	2 @ MOVING PANEL	ROLLER AND HOUSING	S.S.
11	SW-ST-02	1/ INTERLOCK STILE (REINF)	1/2" X 1 1/2" FULL PANEL HEIGHT FLAT BAR	A-30 STEEL
12	SW-ST-01	1/ PANEL BOTTOM RAIL (REINF)	3/8" X 3/4" FULL PANEL WIDTH FLAT BAR	A-30 STEEL
13	W33321NK0020	DOUBLE ROW @ LOCK STILE	ULTRA FIN WEATHERSEAL BY ULTRAFAB .187 X .320	POLYPROPYLENE
14	3008 MPI	DOUBLE ROW @ FIXED STILE	BULB WEATHER STRIP DUROMETER = 75 ± 5	FPVC
15	3025 MPI	1 ROW @ EACH INTERLOCK STILE	BULB WEATHER STRIP DUROMETER = 75 ± 5	FPVC
16	4009 MPI	1 @ EACH BOTTOM RAIL	FLAP WEATHER STRIP DUROMETER = 75 ± 5	FPVC
17	SW-AS	AS REQ'D.	# 8 X 1" ASSEMBLY SCREWS	STEEL
18	SW-GLS	1/ PANEL	5/16" LAMINATED L.M.I. RESISTANT GLASS WITH DUPONT BUTACITE PVB INTERLAYER	H.S. GLASS
19	SERIES 308 LOCK	1	FLUSH MOUNT METALLIC LATCH SERIES 308 BY DELTA INDUSTRIAL	ZINC
20	KEEPER 308-008	1	UPWARD LOCKING KEEPER	ZINC
21	DOW CORNING 899	AS REQ'D.	FAST CURE SILICONE SEALANT	RTV SILICONE
22	SW-SD	AS REQ'D.	# 10 X 1 1/2" SELF DRILLING SCREWS	STEEL
23	RETAINER ANGLE	1 ATTACHED TO FRAME SILL @ MID SPAN OF MOVING PANEL	1/2" x 1" x 1/8" ANGLE	6063-T5

MATERIAL LIST AND PARTS DETAILS



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
 IMPACT RESISTANT GLASS

No	DATE	REVISION
1	01-14-15	UPDATED FOR 2014 FBC
2	01-24-16	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0204-04
Expiration Date 4/17/2016
By *[Signature]*
Miami Dade Product Control

[Signature]
01-24-16
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

DRAWING No.
SGD13-01
DATE: 03-23-14
SCALE: 1/3"=1"
SHEET 8 OF 8