



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

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
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 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 (L.M.I.)", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/26/14, signed and sealed by Francisco Hernandez, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval 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.
3. Head and sill installation is limited into concrete and jambs may be into concrete or masonry.

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 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



4/17/14

NOA No. 13-0910.01
 Expiration Date: April 17, 2019
 Approval Date: April 17, 2014
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections
2. Drawing No: **SGD13-01**, titled "Series- 1600 Aluminum Sliding Glass Door (L.M.I.)", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/26/14, 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) Small 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/, signed and sealed by Marlin D. Brinson, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2010, dated 08/24/13 and last revised on 03/26/14, prepared, signed and sealed by Francisco Hernandez, P.E.
2. Glazing complies w/ ASTM E-1300-02 & -04.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.01** 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 2010 and letter of no financial interest, dated August 28, 2013, prepared, signed and sealed by Francisco Hernandez, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER

1. None.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 13-0910.01

Expiration Date: April 17, 2019
Approval Date: April 17, 2014

GENERAL NOTES:

- 1.- THIS PRODUCT MEETS THE REQUIREMENTS OF THE 2010 FBC AND ASTM E 1300-04
- 2.- CONCRETE STRENGTH $f'_c=3,000$ psi MINIMUM, CMU PER ASTM C90 WITH $f_m=2,000$ psi MIN.
- 3.- BLOCK CELLS SHALL BE FILLED WITH NON SHRINK NON METALLIC GROUT WITH A MINIMUM STRENGTH OF 3,000 Psi
- 4.- WOOD HOST STRUCTURE SHALL BE "SOUTHERN YELLOW PINE" WITH $G= 0.55$ OR GREATER DENSITY.
- 5.- THE THICKNESS OF THE STEEL/ALUMINUM HOST STRUCTURE SHALL NOT BE LESS THAN 1/8". ALUMINUM SHALL BE 6063-T6. STEEL SHALL BE ASTM A36, $F_y=36$ Ksi OR A STEEL GRADE WITH HIGHER YIELD STRENGTH.
- 6.- 1X OR 2X WOOD BUCKS (BY OTHERS) SHALL BE PROPERLY ATTACHED TO STRUCTURE IN ORDER TO TRANSFER GLAZING SYSTEM LOADS TO THE STRUCTURE AND SHALL BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.
- 7.- GROUT UNDER SILL MUST TRANSFER SHEAR LOADS IMPOSED BY GLAZING SYSTEM. GROUT MUST BE NON SHRINK, NON METALLIC WITH A MINIMUM STRENGTH OF 3,000 Psi.
- 8.- ALUMINUM IN CONTACT WITH DISSIMILAR MATERIALS SHALL BE PROTECTED (BY OTHERS) AS SPECIFIED IN SECTION 2003.8.4 OF THE 2010 FBC.
- 9.- DOORS REQUIRING FULL USER PASSAGE SHALL COMPLY WITH EGRESS REQUIREMENTS PER 2010 FLORIDA BUILDING CODE, SECTION 1008.1.1 (MEAN OF EGRESS) AND 2012 FLORIDA FLORIDA ACCESSIBILITY CODE, SECTION 402.2.3 (CLEAR WIDTH AND MANEUVERING CLEARANCES).
- 10.- FRAME CORNERS CONSIST OF BUTT JOINTS FASTENED WITH (2) #10 X 1" PAN HEAD SHEET METAL SCREWS.
- 11.- GLASS SHALL PENETRATE 1/2" PENETRATION INTO THE ALUMINUM FRAME POCKET AND WILL BE SECURED WITH DOW 899 SILICONE SEALANT ON THE INTERIOR AND EXTERIOR.

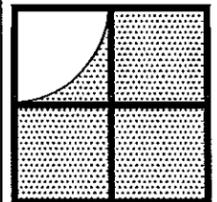
INDEX OF DRAWINGS	
1 OF 8.-	GENERAL NOTES AND INDEX OF DRAWINGS.
2 OF 8.-	DOOR ELEVATION, DESIGN PRESSURES CHART, ANCHOR DISTRIBUTION CHART AND CLUSTERS DETAILS.
3 OF 8.-	DOOR VERTICAL AND HORIZONTAL CROSS SECTIONS.
4 OF 8.-	TYPICAL SECTIONS AT HEAD. ATTACHMENT TO DIFFERENT SUBSTRATES.
5 OF 8.-	TYPICAL 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.

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

Approved as complying with the
 Florida Building Code
 Date: APR 17, 2014
 NPA# 12-0910-01
 Miami Basic Product Control
 By: Francisco Hernandez

[Signature]
 3-26-14

FRANCISCO HERNANDEZ
 FLORIDA PE # 51393

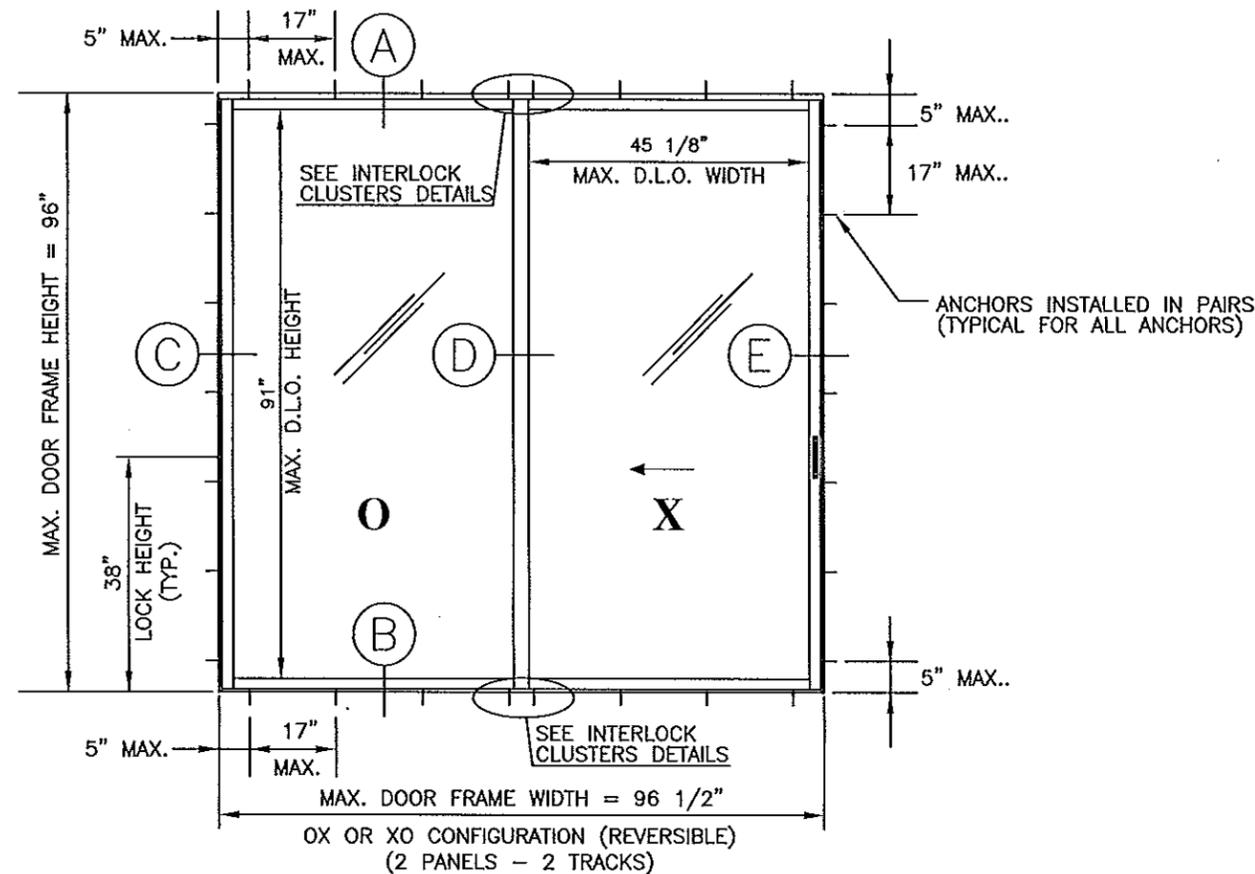


Sunshine Windows
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 Ph: (305)364-9952
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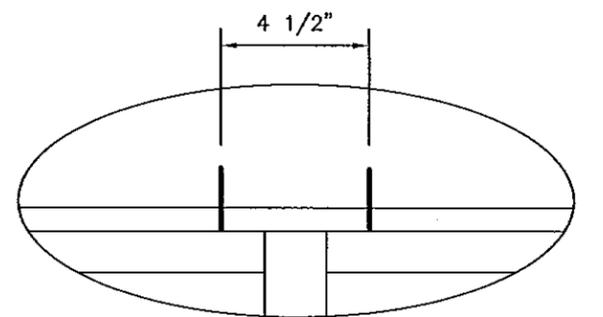
SERIES 1600
ALUMINUM SLIDING GLASS DOOR
IMPACT RESISTANT GLASS

REVISION	DATE	No

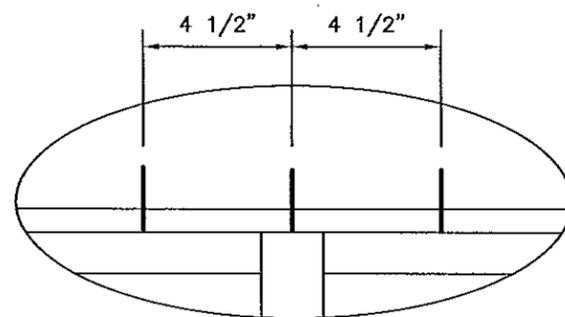
DRAWING No.
 SGD13-01
 DATE: 03-23-14
 SCALE: NTS
 SHEET 1 OF 8



DOOR ELEVATION



TYPICAL AT INTERLOCK HEAD AND SILL.
TWO PAIRS OF ANCHORS PER CLUSTER
ATTACHMENT TO CONCRETE/MASONRY OR METAL SUBSTRATES



TYPICAL AT INTERLOCK HEAD AND SILL.
THREE 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 (CLUSTER ANCHORS ARE NOT INCLUDED)		DESIGN PRESSURE (PSF)	
	WIDTH	HEIGHT	JAMB	AT HEAD AND AT SILL FRAME	5/16" NOMINAL IMPACT LAMINATED GLASS	
					XO OR OX	EXT. (+)
84	24	83 1/8	6	2	80.00	80.00
	30				80.00	80.00
	36				80.00	80.00
	48				80.00	80.00
96	24	95 1/8	7	2	80.00	80.00
	30				80.00	80.00
	36				80.00	80.00
	48				71.10	71.70

ANCHOR NOTES:

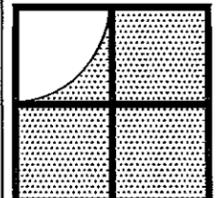
- FOR ATTACHMENT TO CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 2,700 psi USE DOUBLE ROW OF 1/4" DIAM. ULTRACON BY ELCO WITH 1 1/4" MIN. EMBEDMENT INTO CONCRETE AND 2 1/2" MIN. EDGE DISTANCE.
- FOR ATTACHMENT TO "2 BY" OR WOODEN STRUCTURE USE DOUBLE ROW OF 1/4" DIAM. ULTRACON BY ELCO WITH 1 1/2" MIN. (6 DIAM.) PENETRATION INTO WOOD AND 1" MIN. EDGE DISTANCE.
- FOR ATTACHMENT TO METAL USE DOUBLE ROW OF 1/4" DIA. HILTI QUICK FLEX WITH 1" MIN. EDGE DISTANCE.
- MECHANICAL PROPERTIES OF ANCHOR ULTRACON BY ELCO:
A.- TENSILE YIELD (FY)= 155 KSI
B.- TENSILE ULTIMATE (FU)= 177 KSI

D.L.O. DIMENSION FORMULAS

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

Approved as complying with the
Florida Building Code
Date: 4/17/14
By: [Signature]
Miami Code Product Control

[Signature]
3-26-14
FRANCISCO HERNANDEZ
FLORIDA PE # 51393



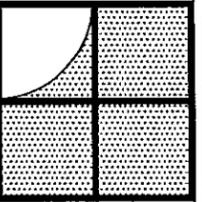
Sunshine Windows Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax: (305)828-5118

SERIES 1600
ALUMINUM SLIDING GLASS DOOR
IMPACT RESISTANT GLASS

REVISION	DATE	BY

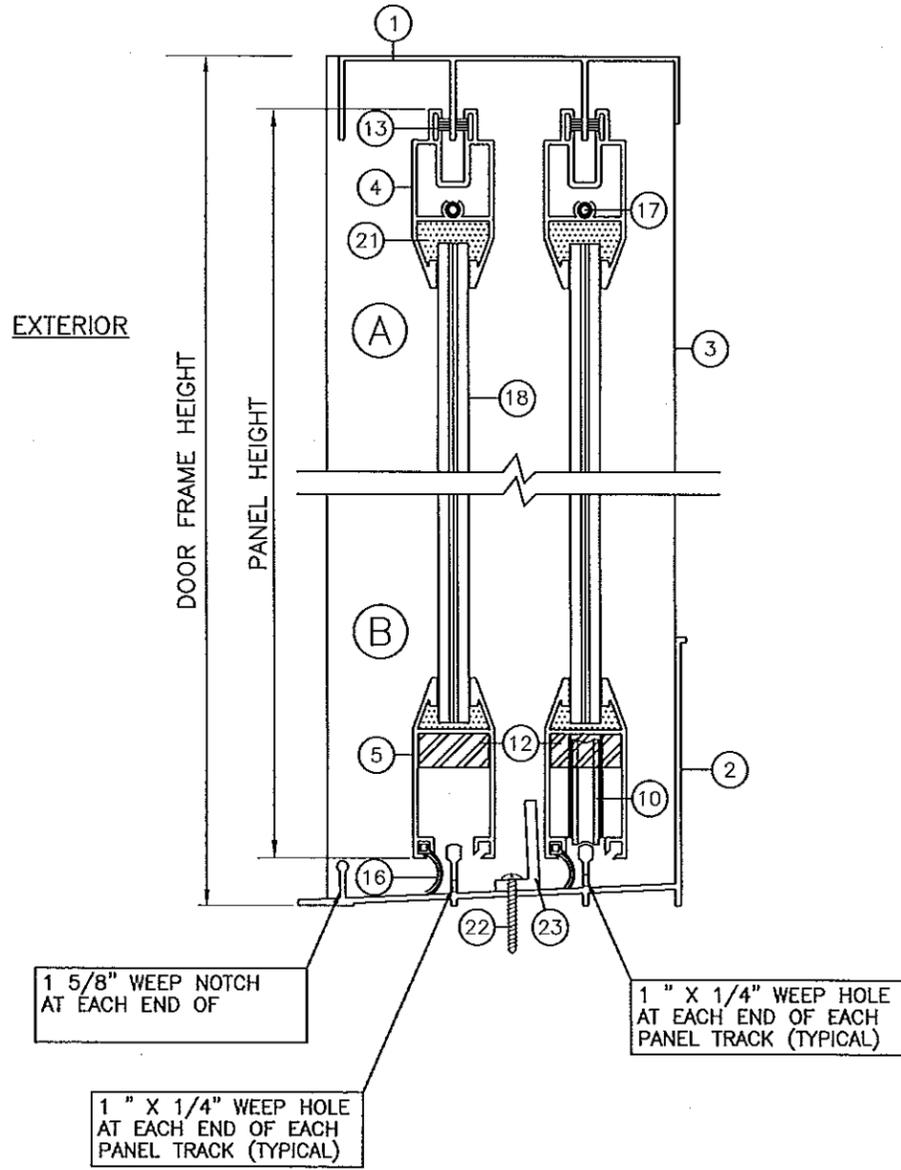
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SGD13-01
DATE: 03-23-14
SCALE: NTS
SHEET 2 OF 8

NOTE: SEE MATERIAL LIST ON SHEET 7 OF 7 FOR ITEMS DESCRIPTION.

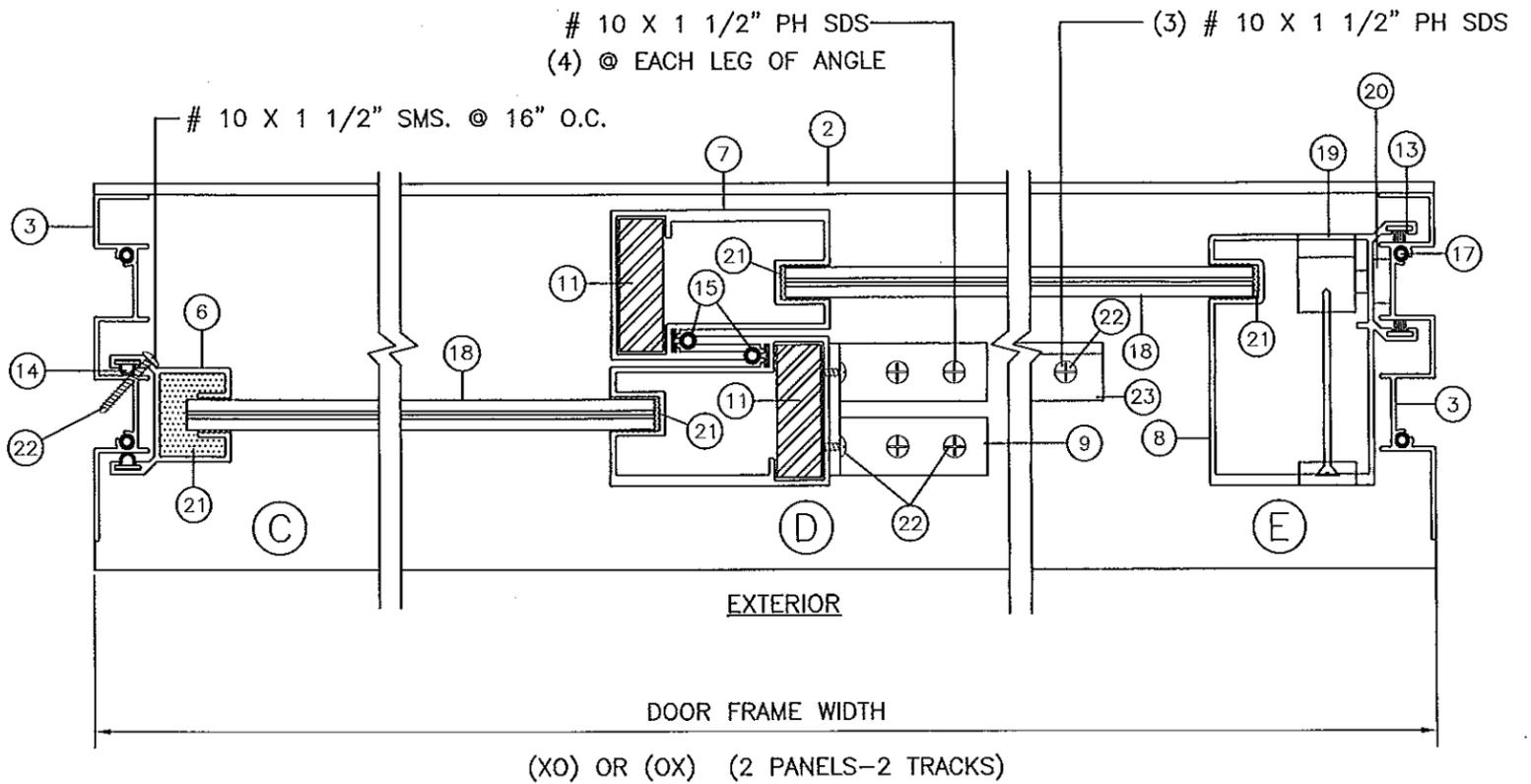


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IMPACT RESISTANT GLASS



VERTICAL SECTION
(FOR ILLUSTRATION PURPOSE ONLY,
SEE INSTALLATION DETAILS IN SHEETS 4 THROUGH 6)



HORIZONTAL SECTION
(FOR ILLUSTRATION PURPOSE ONLY,
SEE INSTALLATION DETAILS IN SHEETS 4 THROUGH 6)

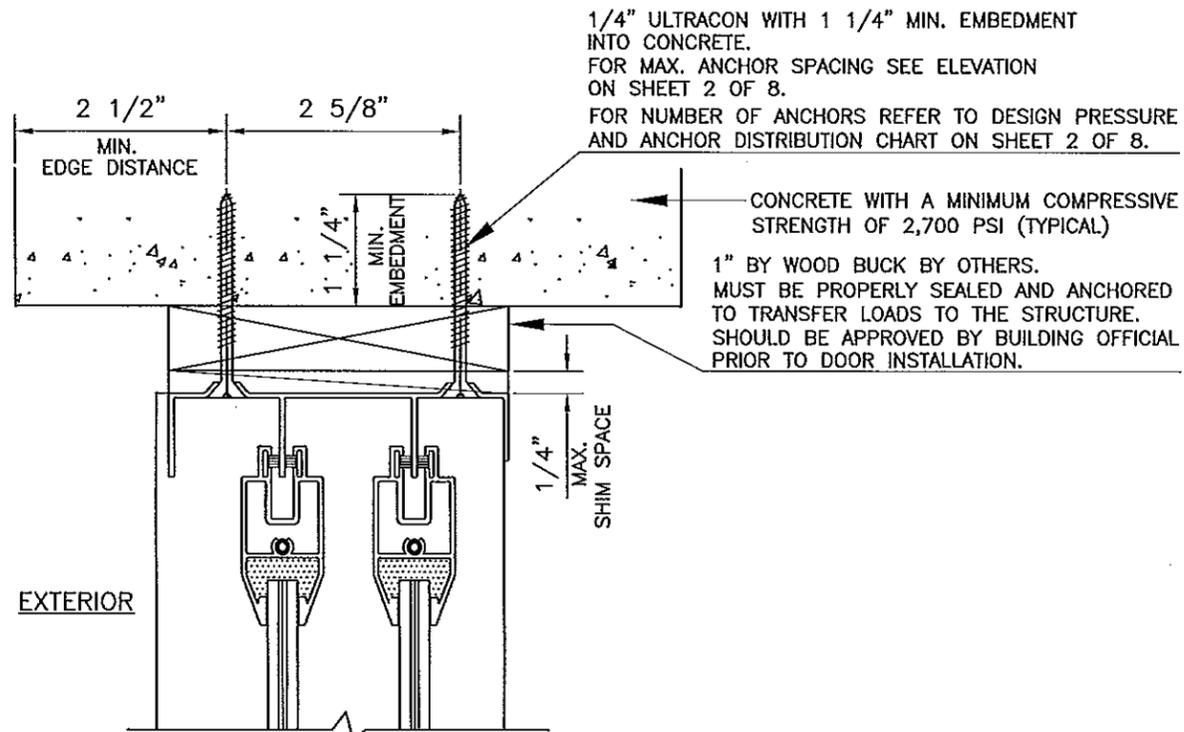
Approved as complying with the
Florida Building Code
Date: 4/17/14
NOA: 13-0910-01
Miami Code Product Control
By: [Signature]

[Signature]
3-26-04

FRANCISCO HERNANDEZ
FLORIDA PE # 51393

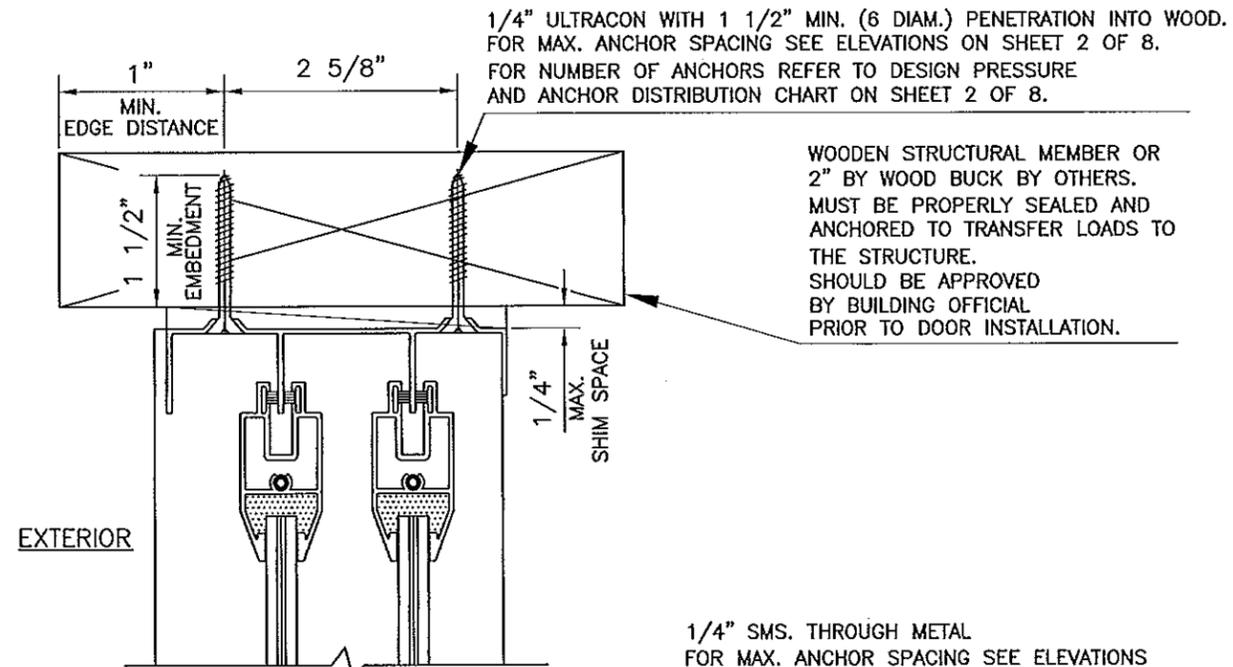
REVISION	DATE	NO

DRAWING No.
SGD13-01
DATE: 11-8-13
SCALE: 1/2"=1"
SHEET 3 OF 8



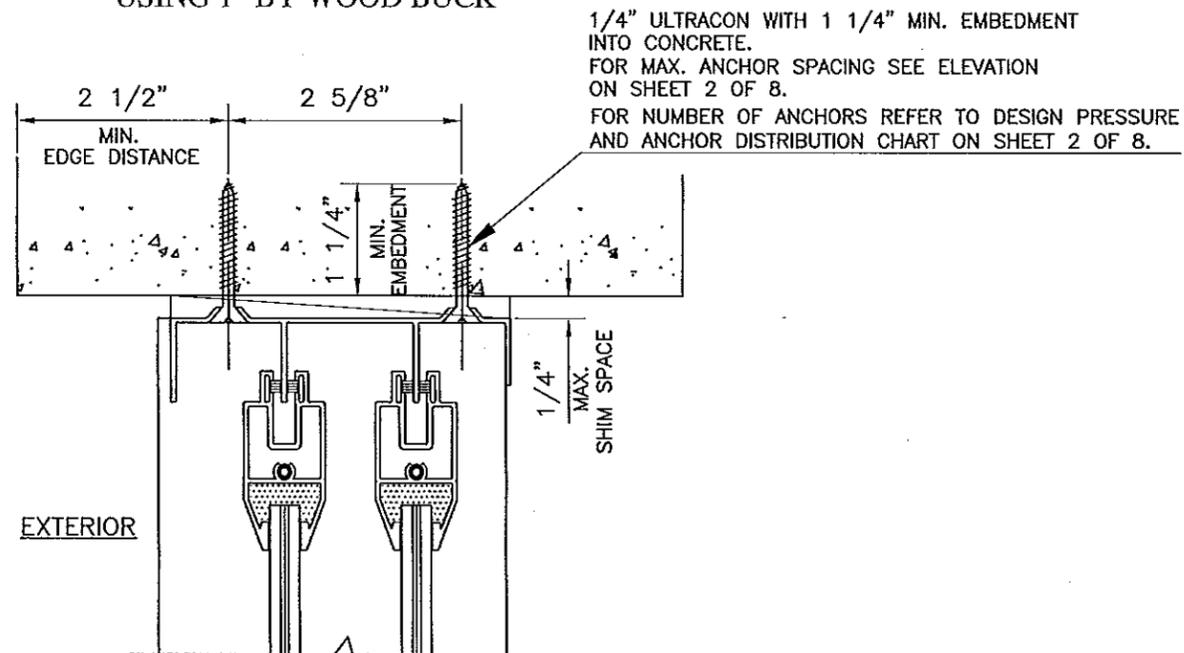
ATTACHMENT TO CONCRETE USING 1" BY WOOD BUCK

1/4" ULTRACON WITH 1 1/4" MIN. EMBEDMENT INTO CONCRETE.
 FOR MAX. ANCHOR SPACING SEE ELEVATION ON SHEET 2 OF 8.
 FOR NUMBER OF ANCHORS REFER TO DESIGN PRESSURE AND ANCHOR DISTRIBUTION CHART ON SHEET 2 OF 8.
 CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 2,700 PSI (TYPICAL)
 1" BY WOOD BUCK BY OTHERS. MUST BE PROPERLY SEALED AND ANCHORED TO TRANSFER LOADS TO THE STRUCTURE. SHOULD BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.



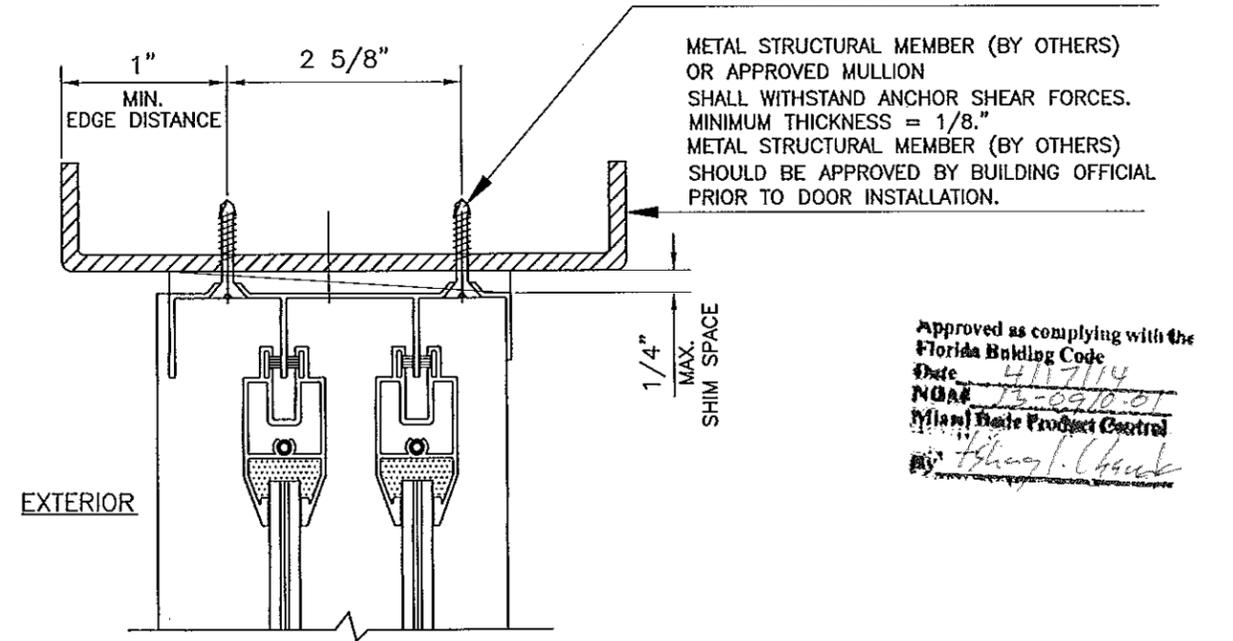
ATTACHMENT TO WOOD

1/4" ULTRACON WITH 1 1/2" MIN. (6 DIAM.) PENETRATION INTO WOOD.
 FOR MAX. ANCHOR SPACING SEE ELEVATIONS ON SHEET 2 OF 8.
 FOR NUMBER OF ANCHORS REFER TO DESIGN PRESSURE AND ANCHOR DISTRIBUTION CHART ON SHEET 2 OF 8.
 WOODEN STRUCTURAL MEMBER OR 2" BY WOOD BUCK BY OTHERS. MUST BE PROPERLY SEALED AND ANCHORED TO TRANSFER LOADS TO THE STRUCTURE. SHOULD BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.



ATTACHMENT TO CONCRETE WITHOUT WOOD BUCK

1/4" ULTRACON WITH 1 1/4" MIN. EMBEDMENT INTO CONCRETE.
 FOR MAX. ANCHOR SPACING SEE ELEVATION ON SHEET 2 OF 8.
 FOR NUMBER OF ANCHORS REFER TO DESIGN PRESSURE AND ANCHOR DISTRIBUTION CHART ON SHEET 2 OF 8.



ATTACHMENT TO METAL

1/4" SMS. THROUGH METAL
 FOR MAX. ANCHOR SPACING SEE ELEVATIONS ON SHEET 2 OF 8.
 FOR NUMBER OF ANCHORS REFER TO DESIGN PRESSURE AND ANCHOR DISTRIBUTION CHART ON SHEET 2 OF 8.

METAL STRUCTURAL MEMBER (BY OTHERS) OR APPROVED MULLION SHALL WITHSTAND ANCHOR SHEAR FORCES. MINIMUM THICKNESS = 1/8." METAL STRUCTURAL MEMBER (BY OTHERS) SHOULD BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.

Approved as complying with the Florida Building Code
 Date 4/17/14
 NGA 13-0910-01
 (Florida) State Product Control
 Francisco Hernandez

TYPICAL SECTIONS AT HEAD ATTACHMENT TO DIFFERENT SUBSTRATES

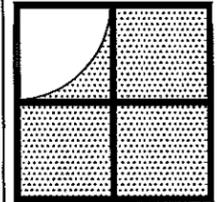
FH
 3-26-14
 FRANCISCO HERNANDEZ
 FLORIDA PE # 51393

Sunshine Windows Manufacturing, Inc.
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SERIES 1600
 ALUMINUM SLIDING GLASS DOOR
 IMPACT RESISTANT GLASS

REVISION	No	DATE

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



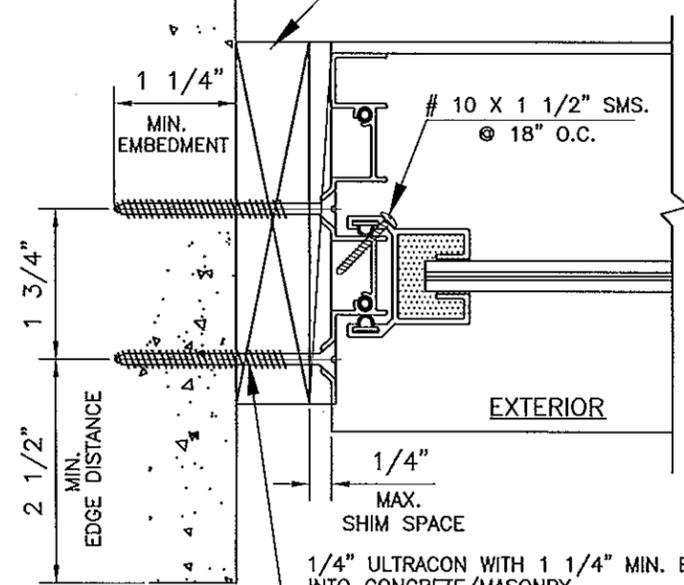
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SERIES 1600
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No	DATE	REVISION

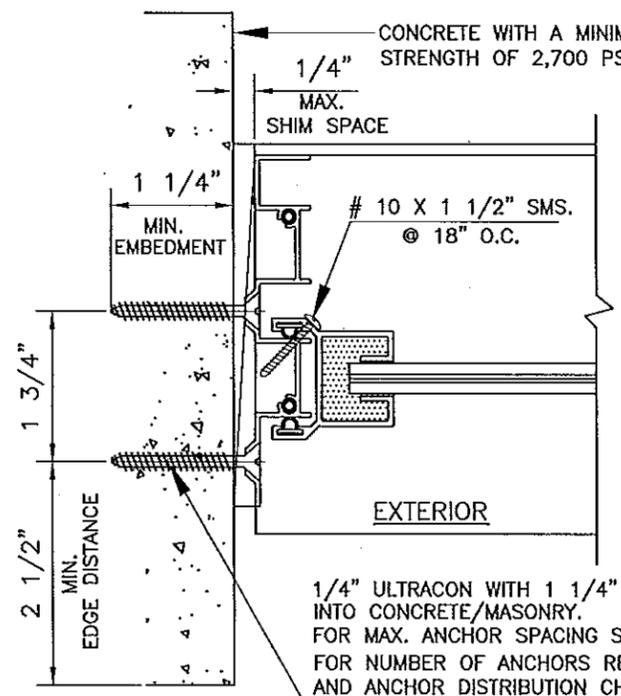
DRAWING No.
 SGD13-01
 DATE: 03-23-14
 SCALE: 1/2"=1"
 SHEET 5 OF 8

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



1/4" ULTRACON WITH 1 1/4" MIN. EMBEDMENT INTO CONCRETE/MASONRY. FOR MAX. ANCHOR SPACING SEE ELEVATIONS ON SHEET 2 OF 8. FOR NUMBER OF ANCHORS REFER TO DESIGN PRESSURE AND ANCHOR DISTRIBUTION CHART ON SHEET 2 OF 8.

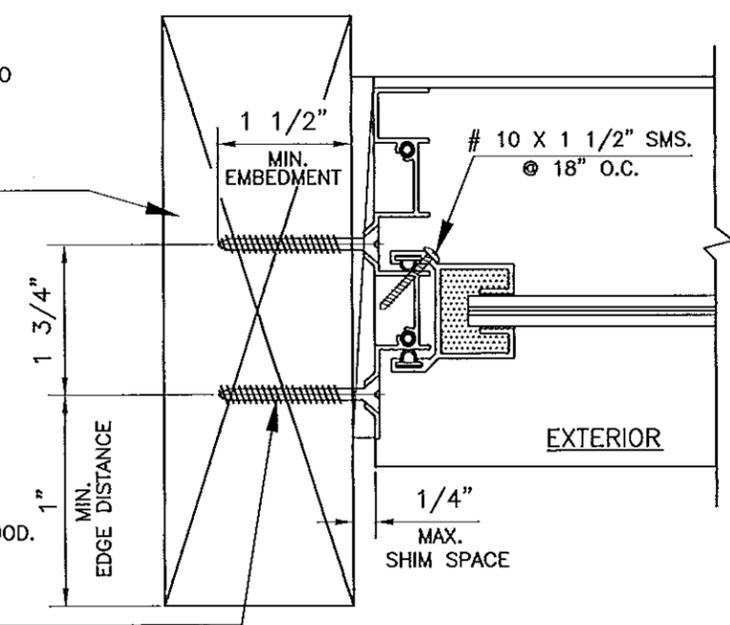
ATTACHMENT TO CONCRETE/MASONRY USING 1" BY WOOD BUCK



1/4" ULTRACON WITH 1 1/4" MIN. EMBEDMENT INTO CONCRETE/MASONRY. FOR MAX. ANCHOR SPACING SEE ELEVATIONS ON SHEET 2 OF 8. FOR NUMBER OF ANCHORS REFER TO DESIGN PRESSURE AND ANCHOR DISTRIBUTION CHART ON SHEET 2 OF 8.

ATTACHMENT TO CONCRETE/MASONRY

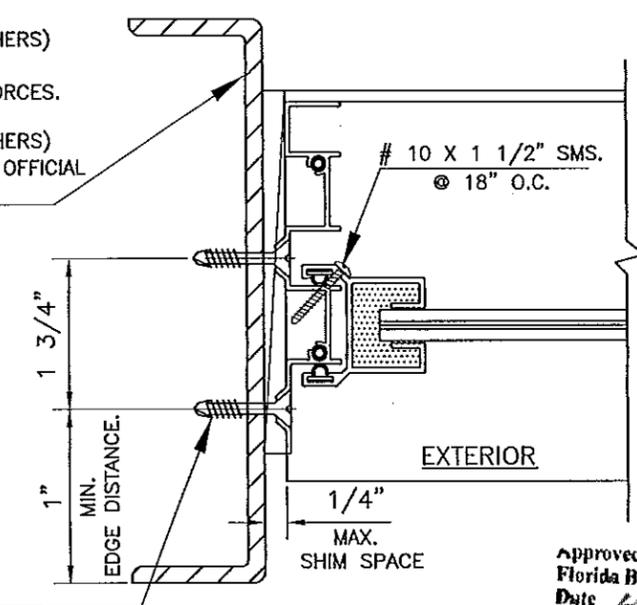
WOODEN STRUCTURAL MEMBER OR 2" BY WOOD BUCK BY OTHERS. MUST BE PROPERLY SEALED AND ANCHORED TO TRANSFER LOADS TO THE STRUCTURE SHOULD BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.



1/4" ULTRACON WITH 1 1/2" MIN. (6 DIAM.) PENETRATION INTO WOOD. FOR MAX. ANCHOR SPACING SEE ELEVATIONS ON SHEET 2 OF 8. FOR NUMBER OF ANCHORS REFER TO DESIGN PRESSURE AND ANCHOR DISTRIBUTION CHART ON SHEET 2 OF 8.

ATTACHMENT TO WOOD

METAL STRUCTURAL MEMBER (BY OTHERS) OR APPROVED MULLION SHALL WITHSTAND ANCHOR SHEAR FORCES. MINIMUM THICKNESS = 1/8". METAL STRUCTURAL MEMBER (BY OTHERS) SHOULD BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.



1/4" SMS THROUGH METAL FOR MAX. ANCHOR SPACING SEE ELEVATIONS ON SHEET 2 OF 8. FOR NUMBER OF ANCHORS REFER TO DESIGN PRESSURE AND ANCHOR DISTRIBUTION CHART ON SHEET 2 OF 8.

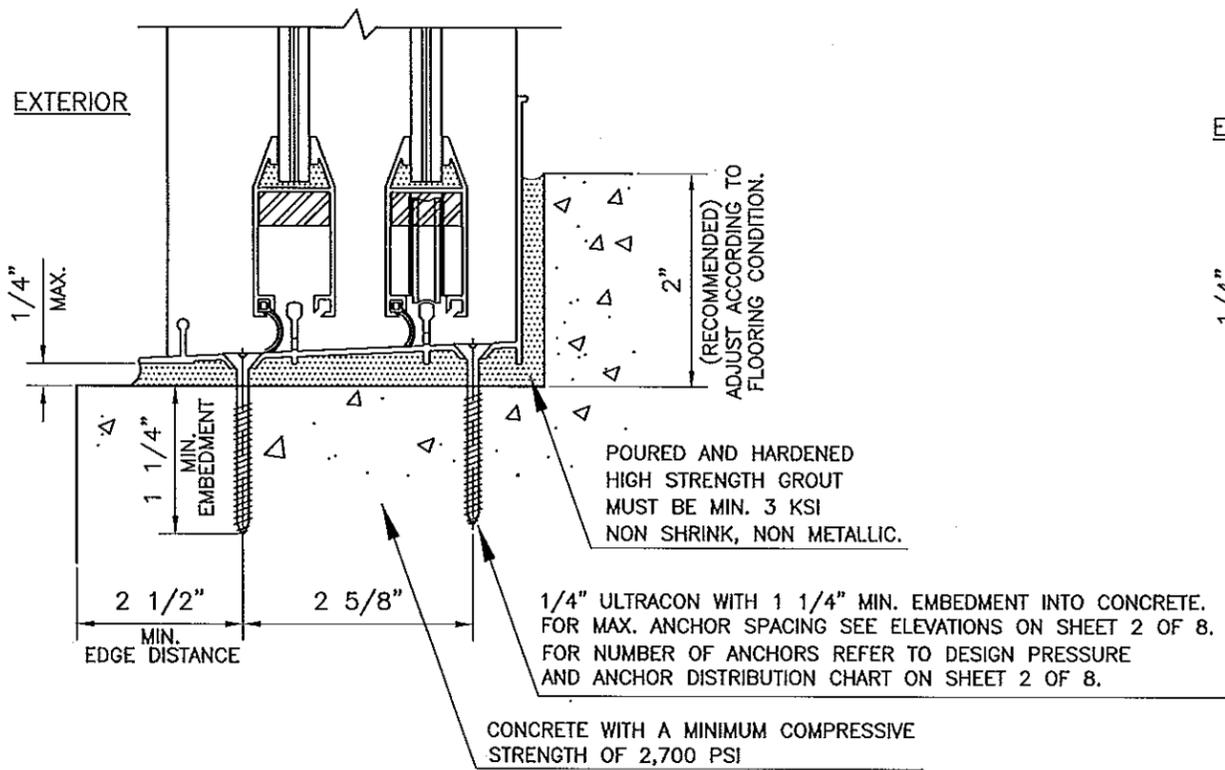
ATTACHMENT TO METAL

Approved as complying with the Florida Building Code
 Date: 4/13/14
 NOAB: 13-0976-01
 Miami Dade Product Control
 By: [Signature]

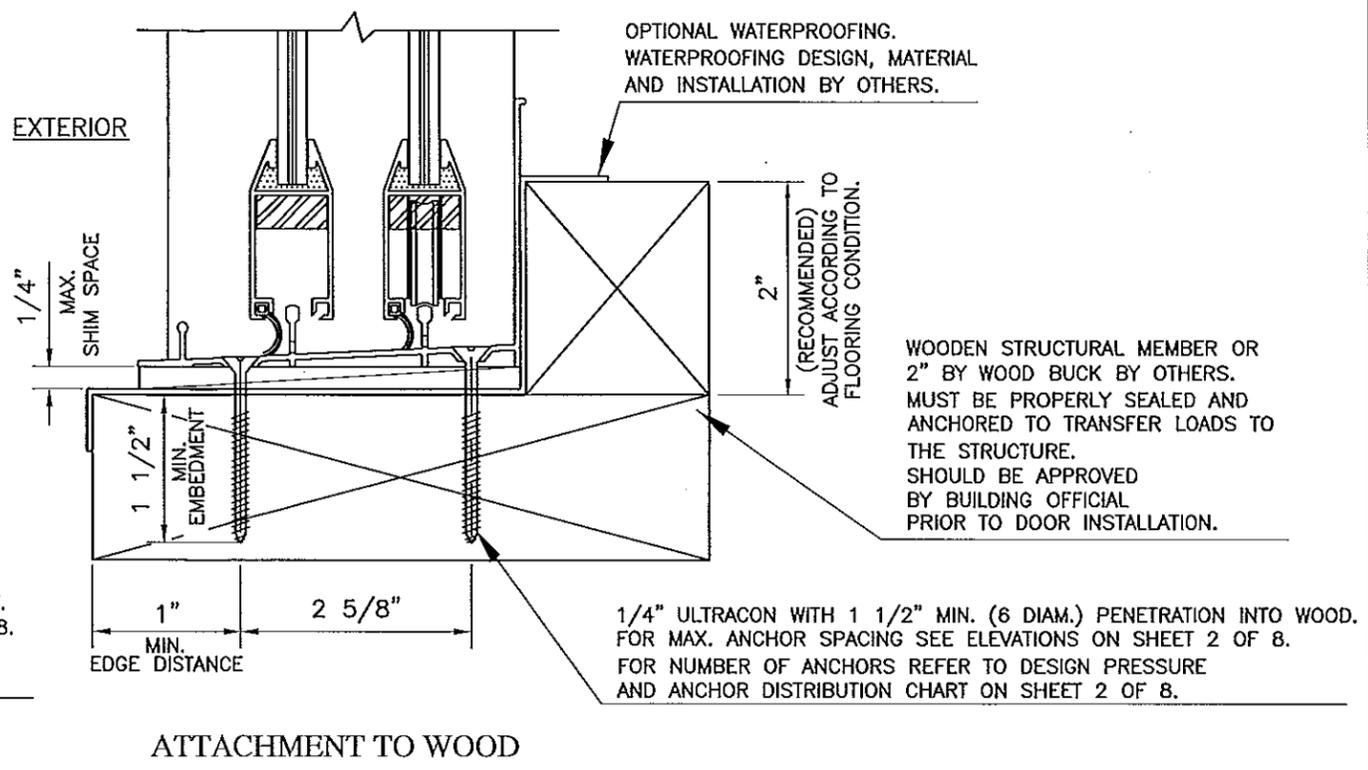
[Signature]
 3-26-14

FRANCISCO HERNANDEZ
 FLORIDA PE # 51393

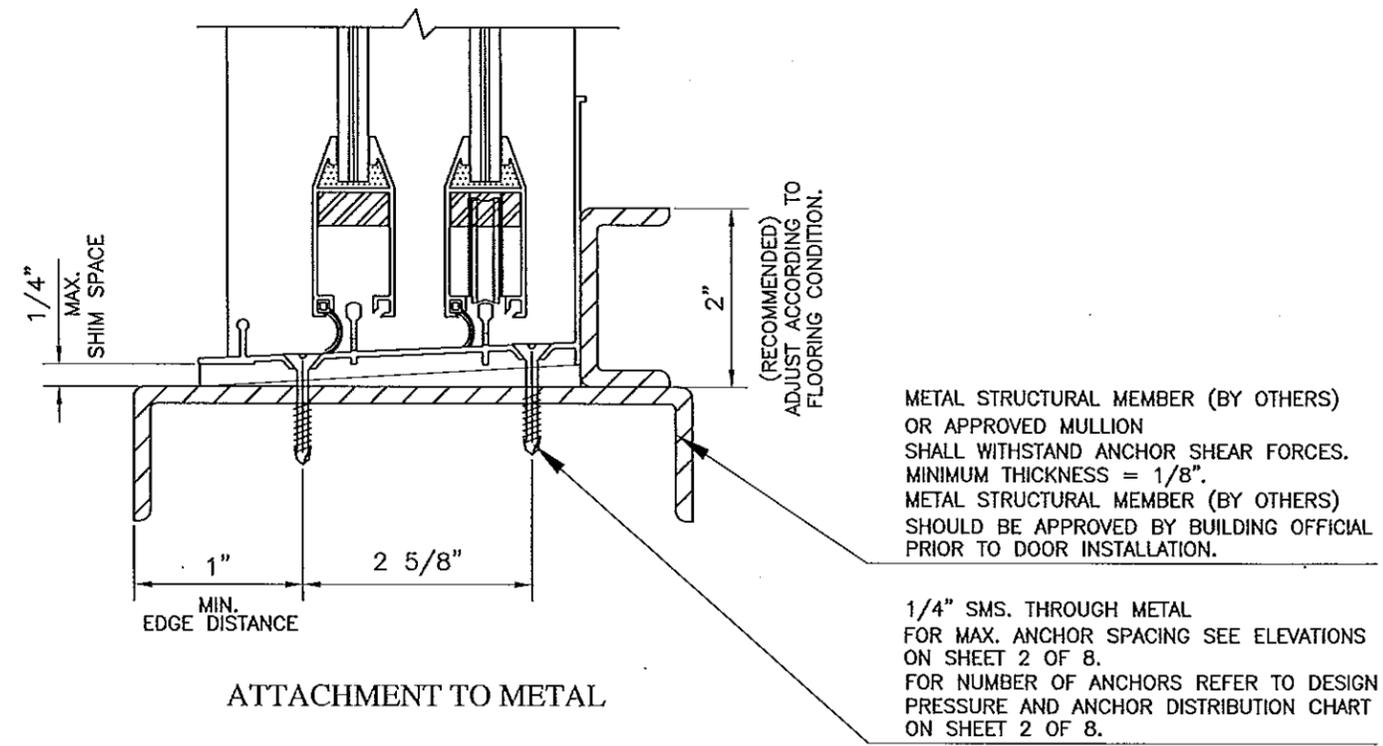
TYPICAL SECTIONS AT JAMBS
 ATTACHMENT TO DIFFERENT SUBSTRATES



ATTACHMENT TO CONCRETE



ATTACHMENT TO WOOD



ATTACHMENT TO METAL

TYPICAL SECTIONS AT SILL
ATTACHMENT TO DIFFERENT SUBSTRATES

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SERIES 1600
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IMPACT RESISTANT GLASS

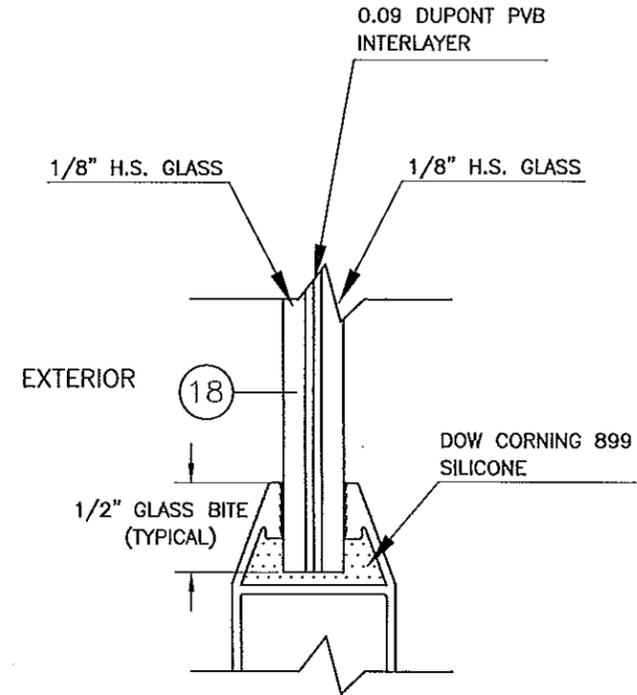
Approved as complying with the Florida Building Code
Date 4/17/14
NOA 13-0910-01
Miami Date Product Control.
By *[Signature]*

NO	DATE	REVISION

[Signature]
3-26-14
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

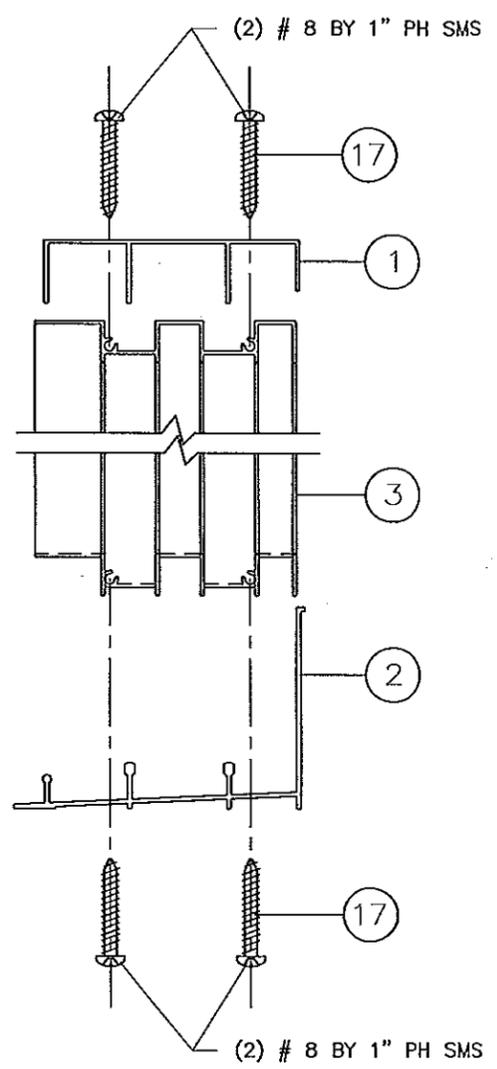
DRAWING No.
SGD13-01
DATE: 03-23-14
SCALE: 1/2"=1"
SHEET 6 OF 8

FRAME AND PANEL CORNER CONSTRUCTION

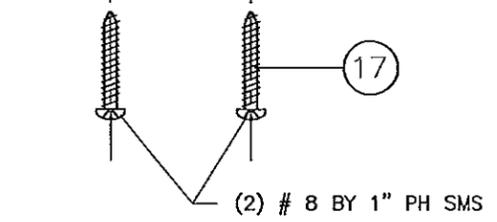


18 NOM. 5/16" HS. LAMINATED GLASS GLAZING DETAIL
Scale: 1"=1"

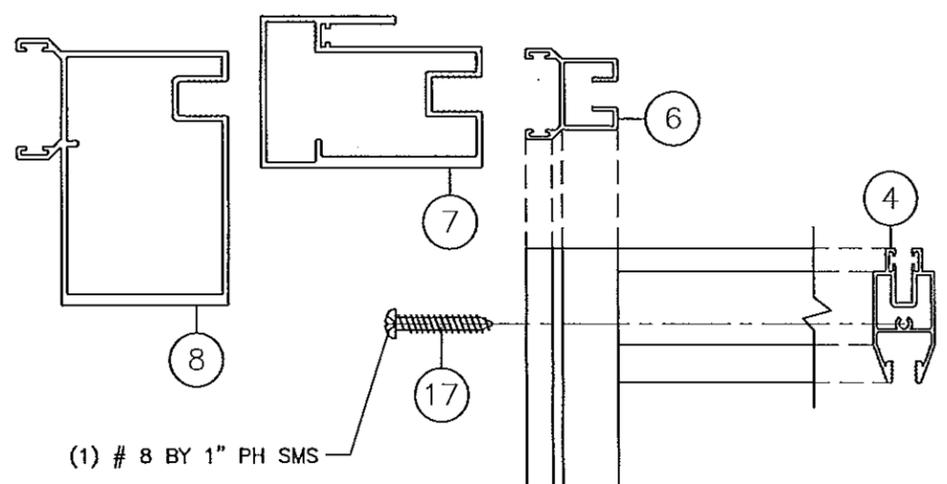
FRAME UPPER CORNERS CONSTRUCTION DETAIL



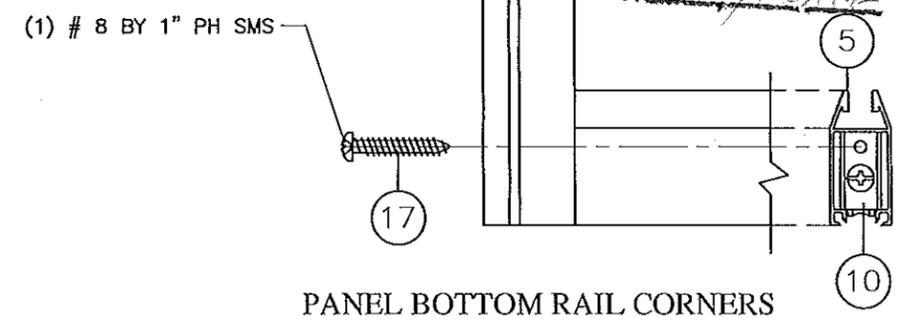
FRAME LOWER CORNERS CONSTRUCTION DETAIL



PANEL TOP RAIL CORNERS CONSTRUCTION DETAIL

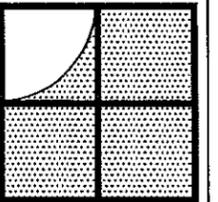


NOTE:
ITEMS # 6, 7 AND 8
ARE ALL VERTICAL MEMBERS USED TO
CONFIGURE PANELS. SEE HORIZONTAL
SECTION ON SHEET 3 OF 7.



PANEL BOTTOM RAIL CORNERS CONSTRUCTION DETAIL

Approved as complying with the
Florida Building Code
Date: 4-17-14
NOA# 13-0910-07
Miami Dade Product Control
By: [Signature]



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

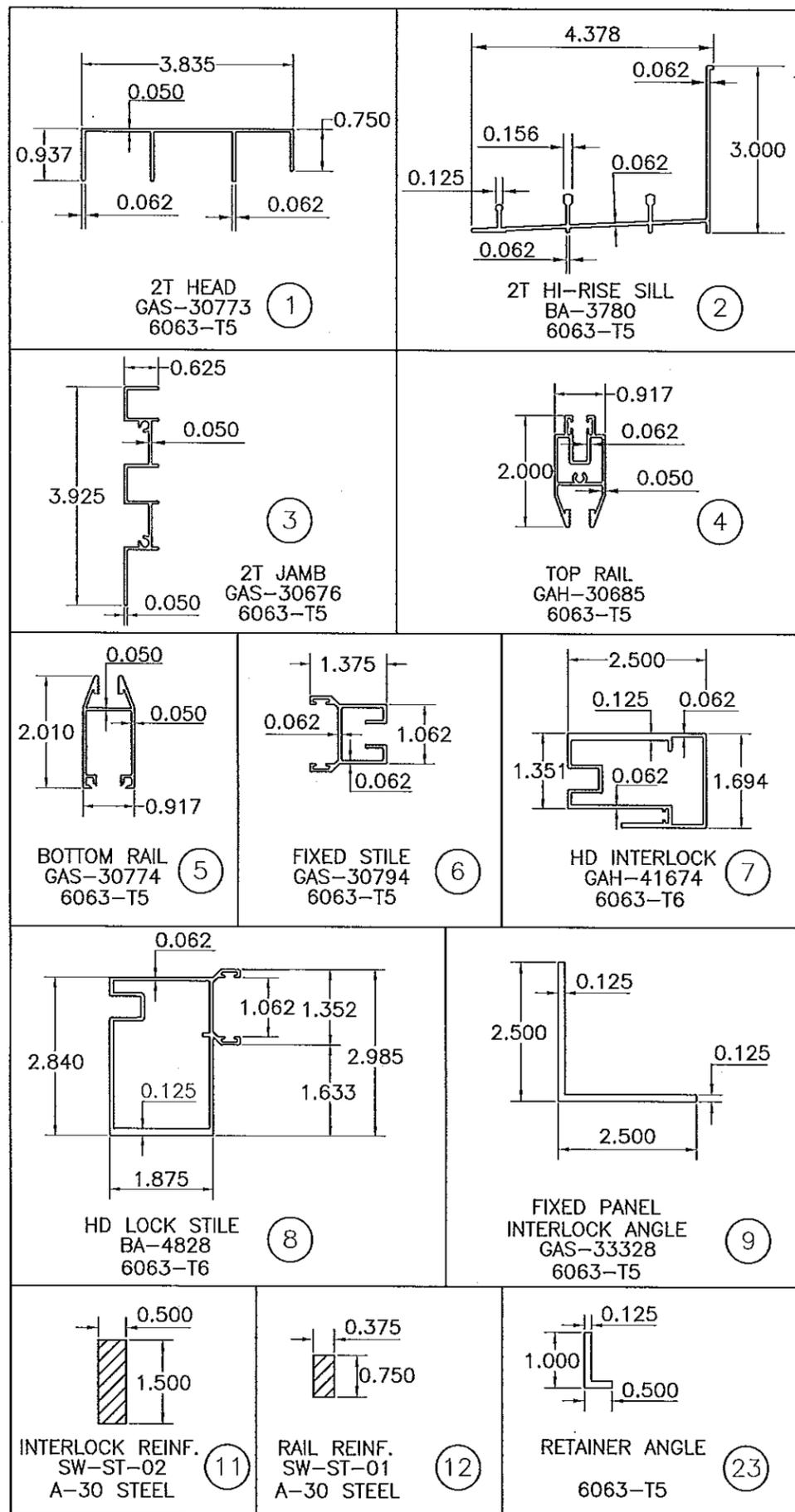
SERIES 1600
ALUMINUM SLIDING GLASS DOOR
IMPACT RESISTANT GLASS

REVISION	DATE

DRAWING No.
SGD13-01
DATE: 11-8-13
SCALE: N.T.S.
SHEET 7 OF 8

GLAZING DETAIL AND FRAME & PANEL CONERS DETAILS

[Signature]
3-26-14
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

Sunshine Windows Manufacturing, Inc.
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SERIES 1600
ALUMINUM SLIDING GLASS DOOR
IMPACT RESISTANT GLASS

Approved as complying with the Florida Building Code
Date: APR 17, 2014
NOA# 13-0910-01
Miami Code Product Control.
By: *[Signature]*

REVISION	DATE

MATERIAL LIST AND PARTS DETAILS

[Signature]
3-26-14
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

DRAWING No.
SGD13-01
DATE: 11-8-13
SCALE: 1/3"=1"
SHEET 8 OF 8