



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](http://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. 33<sup>rd</sup> 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 "2009-9H" Aluminum Sliding Glass Door w/ Reinforcements-L.M.I.**

**APPROVAL DOCUMENT:** Drawing No: **SGD 14**, titled "Series 2009-9H Aluminum Sliding Glass Door (L.M.I.)", sheets 1 through 11 of 11, prepared by manufacturer, dated 09/05/14 and last revised on 07-22-15, 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 Sheet 1 for Design Pressures and **Pairs** anchors requirements at frame jambs, intermediate anchors at head and sill (excluding cluster) and applicable to all sizes. See **Pairs** interlock/astragal clusters (Tot **8**-anchors) detail Head or sill in Conc. / Metal or Wood substrates in sheet 1, applicable to all configurations in sheet 2.
2. See sheets 3, 4 and 5 for full length steel reinforcement requirements at interlocks/astragal. Fix panel jamb full length clip item #11 to be secured with (2) item #29 from 4" corner and 14" OC.
3. Head and sill installation is limited into concrete and **jambs** may be into concrete or grouted masonry blocks.

**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.**



NOA No. 14-0926.17  
 Expiration Date: September 24, 2020  
 Approval Date: September 24, 2015  
 Page 1

10/1/15

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections
2. Drawing No: **SGD 14**, titled "Series 2009-9H Aluminum Sliding Glass Door (L.M.I.)", sheets 1 through 11 of 11, prepared by manufacturer, dated 09/05/14 and last revised on 07-22-15, 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 OXXO & XOOO Alum sliding Glass doors, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL-7663** dated 07/10/14, signed and sealed by Idalmis Ortega, P. E.

Note: This test report has an addendum letter dated July 21, 2015, issued by Fenestration Testing lab.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC 2014, dated 09/05/14 and last revised on 07/22/15, 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**

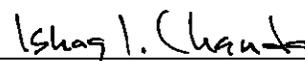
1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co.) for the "**SentryGlas® (Clear and White) Glass Interlayers**", expiring on 07/04/18.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2014(**5<sup>th</sup> Edition**) and letter of no financial interest, dated SEP 05, 2014, prepared, signed and sealed by Francisco Hernandez, P.E.
2. Lab compliance as part of the above referenced test report.
3. E-mail RER verification test agreement by Sunshine Windows, dated Sep 11, 2015, signed by Noel Martinez, Assistant Manager.

**G. OTHER**

1. Test proposal dated 03/06/14, approved by Jaime D. Gascon, P.E.



Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No. 14-0926.17

Expiration Date: September 24, 2020  
Approval Date: September 24, 2015

**GENERAL NOTES:**

- 1.- THIS PRODUCT MEETS THE REQUIREMENTS OF FBC 5TH EDITION (2014).
- 2.- SHUTTERS ARE NOT REQUIRED.
- 3.- REFERENCE TEST REPORT FTL-7663 DATED ON 7/10/2014.
- 4.- FOR ANCHOR TYPE AND SPACING REFER TO TYPICAL ELEVATIONS AND SECTIONS ON SHEET 2 THRU 9
- 5.- 1X OR 2X WOOD BUCKS NOT INCLUDED IN THE SCOPE OF THIS PRODUCT APPROVAL SHALL BE PROPERLY ATTACHED 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 SHALL BE SOUTHERN YELLOW PINE G = 0.55 OF GREATER DENSITY.
- 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.- THE THICKNESS OF THE ALUMINUM HOST STRUCTURE SHALL NOT BE LESS THAN 1/8". ALUMINUM SHALL BE 6063-T6.
- 9.- ALUMINUM IN CONTACT WITH DISSIMILAR MATERIALS SHALL BE PROTECTED (BY OTHERS) AS SPECIFIED IN FBC 5TH EDITION (2014).
- 10.- STEEL HOST STRUCTURE SHALL NOT BE LESS THAN 1/8" THICK. STEEL SHALL BE  $F_y = 36$  KSI MIN.
- 11.- FALSE COLONIAL MUNTINS CAN BE SURFACE APPLIED.
- 12.- USE NON-SHRINK, NON-METALLIC HYDRAULIC CEMENT GROUT PER ASTM C1107/C1107M STANDARD SPECIFICATION FOR PACKAGED DRY.
- 13.- GLASS: 7/16" NOMINAL LAMINATED GLASS COMPOSED OF (2) 3/16" HEAT STRENGTHENED GLASS WITH 0.09" DUPONT SENTRYGLAS INTERLAYING FILM.
- 14.- GLASS SHALL PENETRATE 0.904" INTO THE ALUMINUM FRAME POCKET AND WILL BE SECURED WITH DOW 899 SILICONE SEALANT ON THE INTERIOR AND VINYL BULB 3025 ON THE EXTERIOR.
- 15.- DOORS SHALL COMPLY WITH EGRESS REQUIREMENTS OF FBC 5TH EDITION (2014) AS APPLICABLE.

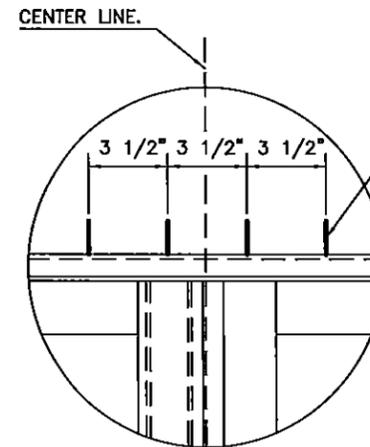
**INDEX OF DRAWINGS:**

- 1 OF 11 - GENERAL NOTES, INSTALLATION NOTES, DESIGN PRESSURES CHART, AND INDEX OF DRAWINGS.
- 2 OF 11 - ELEVATIONS OF APPROVED CONFIGURATIONS.
- 3 OF 11 - DOOR HORIZONTAL CROSS SECTIONS.
- 4 OF 11 - DOOR HORIZONTAL CROSS SECTIONS.
- 5 OF 11 - DOOR HORIZONTAL CROSS SECTIONS.
- 6 OF 11 - DOOR VERTICAL CROSS SECTIONS, GLAZING DETAIL, AND FRAME & PANEL CORNER DETAILS.
- 7 OF 11 - TYPICAL SECTIONS AT HEAD. ATTACHMENT TO DIFFERENT SUBSTRATES.
- 8 OF 11 - TYPICAL SECTIONS AT JAMBS. ATTACHMENT TO DIFFERENT SUBSTRATES.
- 9 OF 11 - TYPICAL SECTIONS AT SILL. ATTACHMENT TO DIFFERENT SUBSTRATES.
- 10 OF 11 - BILL OF MATERIALS AND PARTS DETAILS.
- 11 OF 11 - PARTS DETAILS.

DESIGN PRESSURES AND ANCHOR DISTRIBUTION CHART								
NOMINAL PANEL WIDTH IN INCHES	FRAME HEIGHT IN INCHES	NUMBER OF PAIRS OF ANCHORS					DESIGN PRESSURE (PSF)	
		JAMB	CLUSTER AT EACH INTERLOCK AND/OR ASTRAGAL	INTERMEDIATE AT HEAD AND AT SILL (EXCLUDES ANCHORS AT CLUSTERS)			EXT. (+)	INT. (-)
				OX OR XX (1 CLUSTER)	XOO OR OXO (2 CLUSTERS)	OXXO OR XOOO (3 CLUSTERS)		
24	81 1/2"	7	4	4	5	6	80.0	90.0
30			4	4	5	6		
36			4	6	8	10		
48			4	6	9	12		
24	96	8	4	4	5	6		
30			4	4	5	6		
36			4	6	8	10		
48			4	6	9	12		
24	109	9	4	4	5	6		
30			4	4	5	6		
36			4	6	8	10		
48			4	6	9	12		

**IMPORTANT NOTES:**

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.  
 PANEL HEIGHT = FRAME HEIGHT - 1 1/2".



(8 ANCHORS)

USE FOR HEAD AND SILL  
AT ASTRAGAL AND / OR INTERLOCK.

**CLUSTER DETAIL**

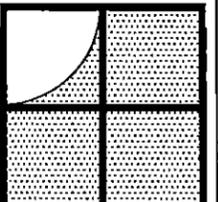
4 DOUBLE ROWS (CLUSTER OF 8) OF  
5/16" ULTRACON IN CONCRETE AND WOOD  
OR 1/4" KWIK FLEX OR DRIL-FLEX GR 5  
SELF DRILLING SCREWS IN METAL

Approved as complying with the  
Florida Building Code  
Date SEP 24, 2015  
NOA# 14-0726-17  
Miami Dade Product Control  
By Francisco Hernandez

*[Signature]*  
07-22-15

FRANCISCO HERNANDEZ  
FLORIDA PE # 51393

**GENERAL NOTES, INDEX OF DRAWINGS, DESIGN PRESSURES CHART,  
AND INTERLOCK ANCHOR CLUSTER DETAIL**

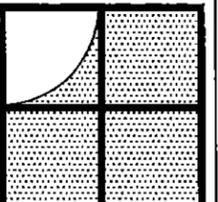


Sunshine Windows  
Manufacturing, Inc.  
1745 W. 33rd Place  
Hialeah, Florida 33012  
Ph: (305)364-9952  
Fax: (305)828-5118

**SERIES 2009-9H**  
**ALUMINUM SLIDING GLASS DOOR**  
**LARGE MISSILE IMPACT RESISTANT**

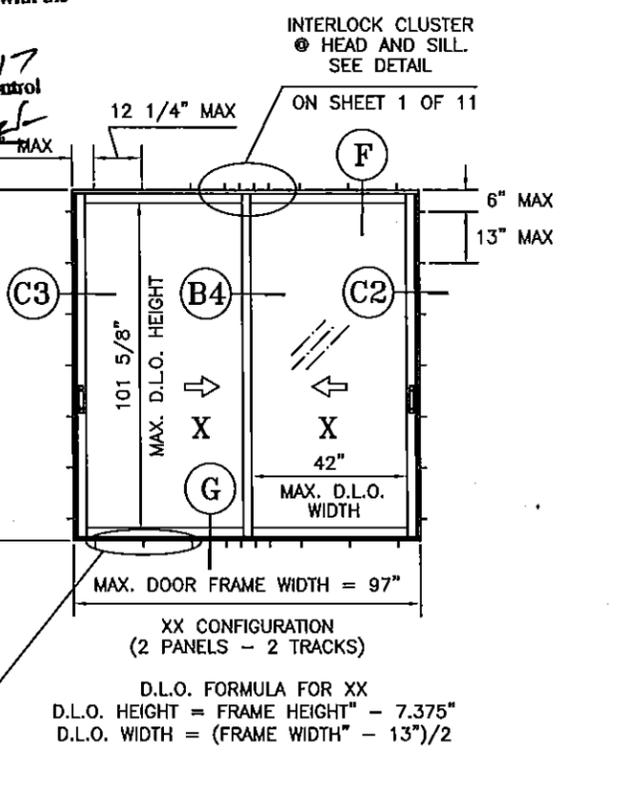
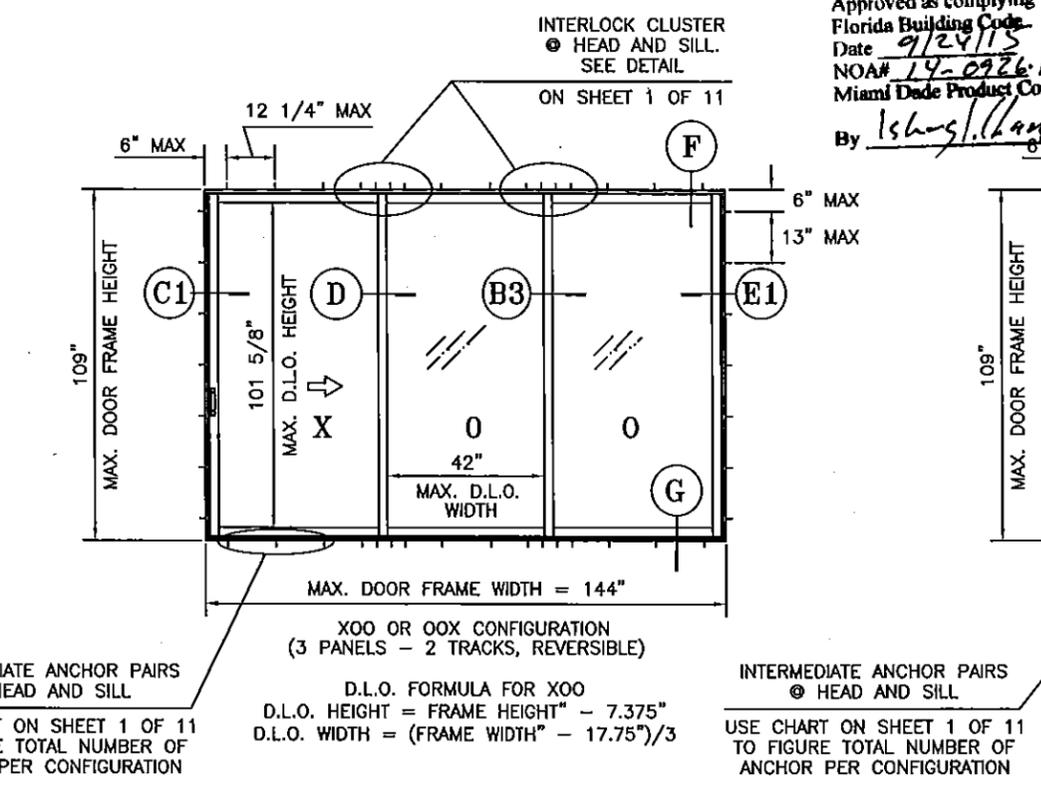
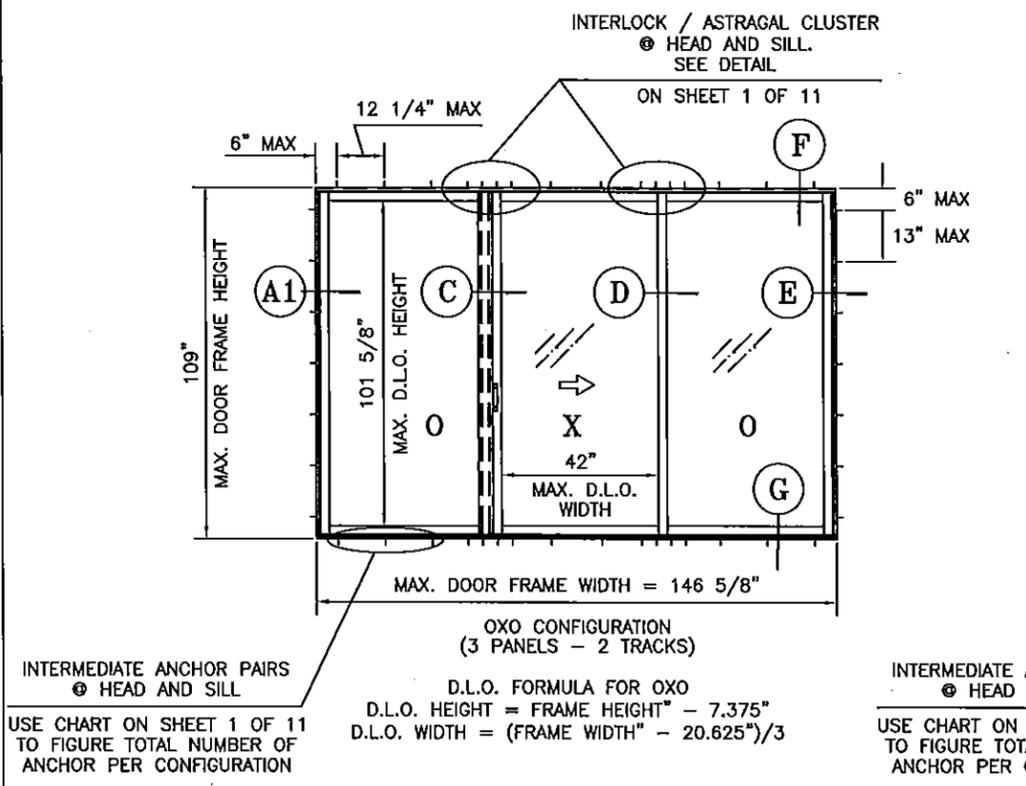
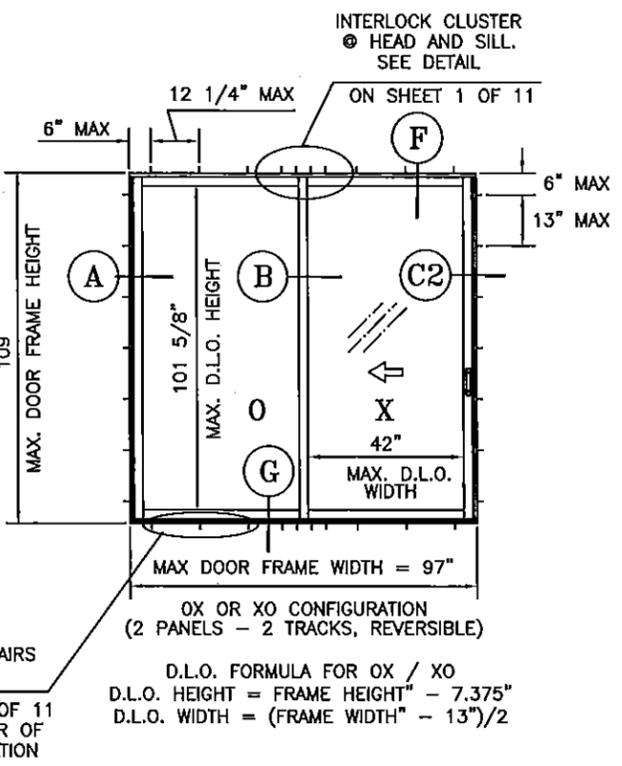
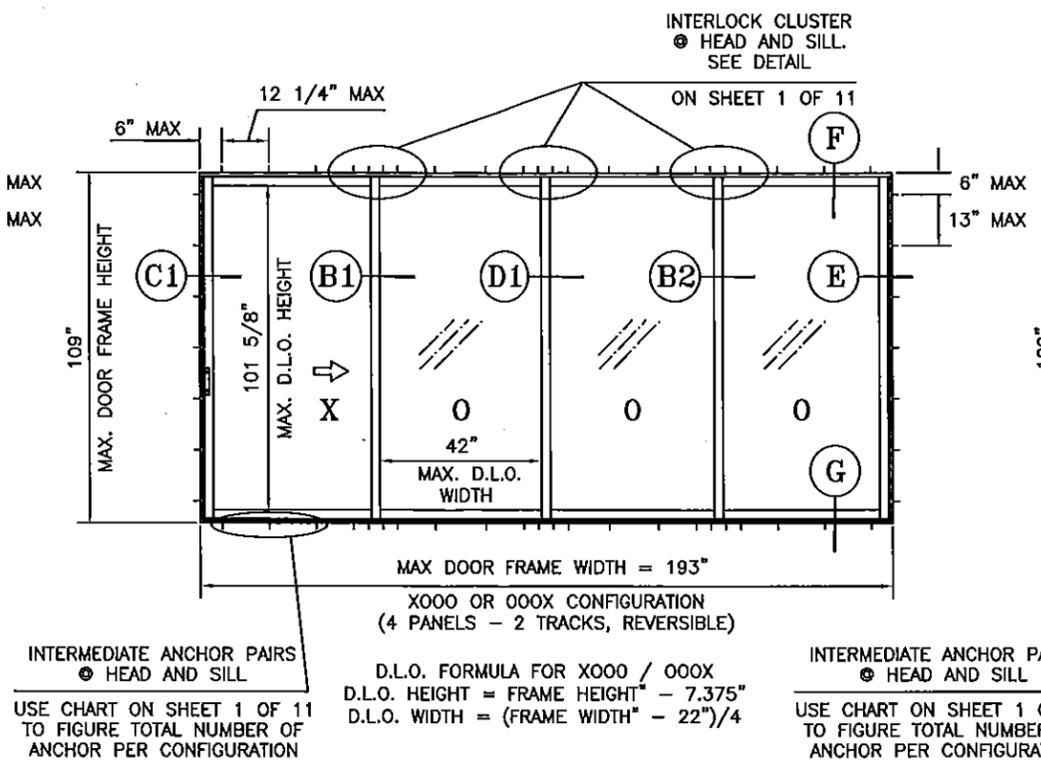
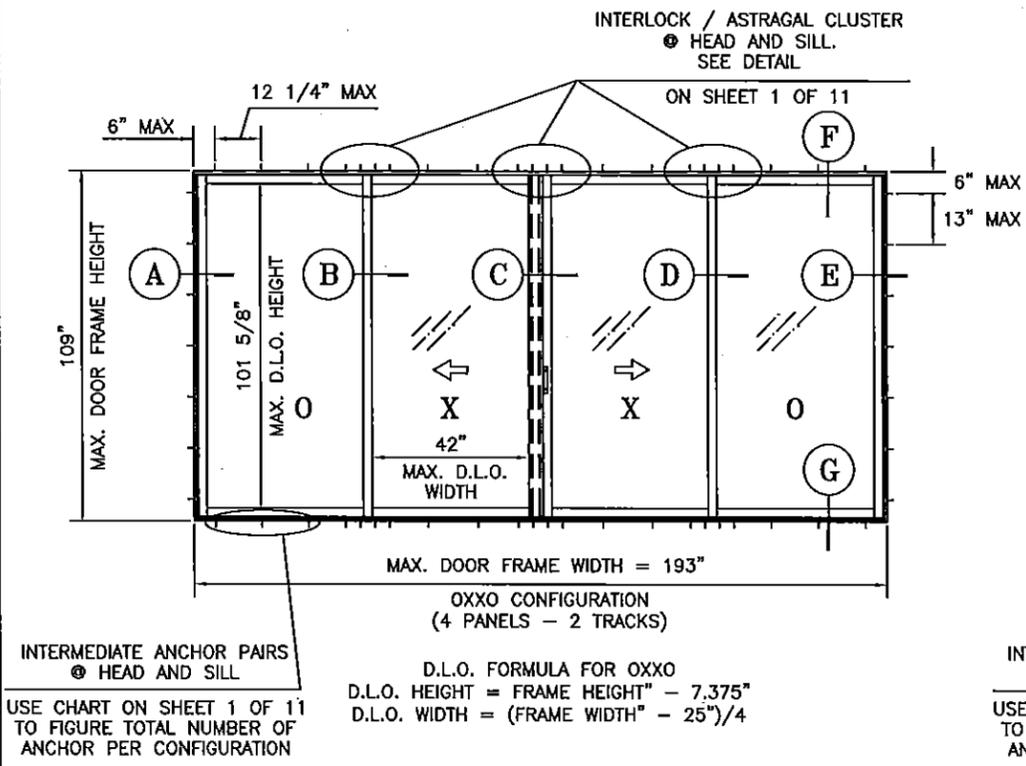
REVISION	No	DATE

DRAWING No.  
**SGD14**  
DATE: 09/05/14  
SCALE: 6"=1'-0"  
SHEET 1 OF 11



Sunshine Windows Manufacturing, Inc.  
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 Hialeah, Florida 33012  
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SERIES 2009-9H  
 ALUMINUM SLIDING GLASS DOOR  
 LARGE MISSILE IMPACT RESISTANT



Approved as complying with the  
 Florida Building Code  
 Date 9/24/15  
 NOA# 14-0926-17  
 Miami Dade Product Control  
 By Isheng Chang

NOTE: ANCHORS SHOWN ON ELEVATIONS ARE IN PAIRS.

# ELEVATIONS OF APPROVED CONFIGURATIONS

*[Signature]*  
 07-22-15

FRANCISCO HERNANDEZ  
 FLORIDA PE # 51393

No	DATE	REVISION

DRAWING No.  
 SGD14  
 DATE: 09/05/14  
 SCALE: N.T.S.  
 SHEET 2 OF 11

**REINFORCEMENT NOTE:**

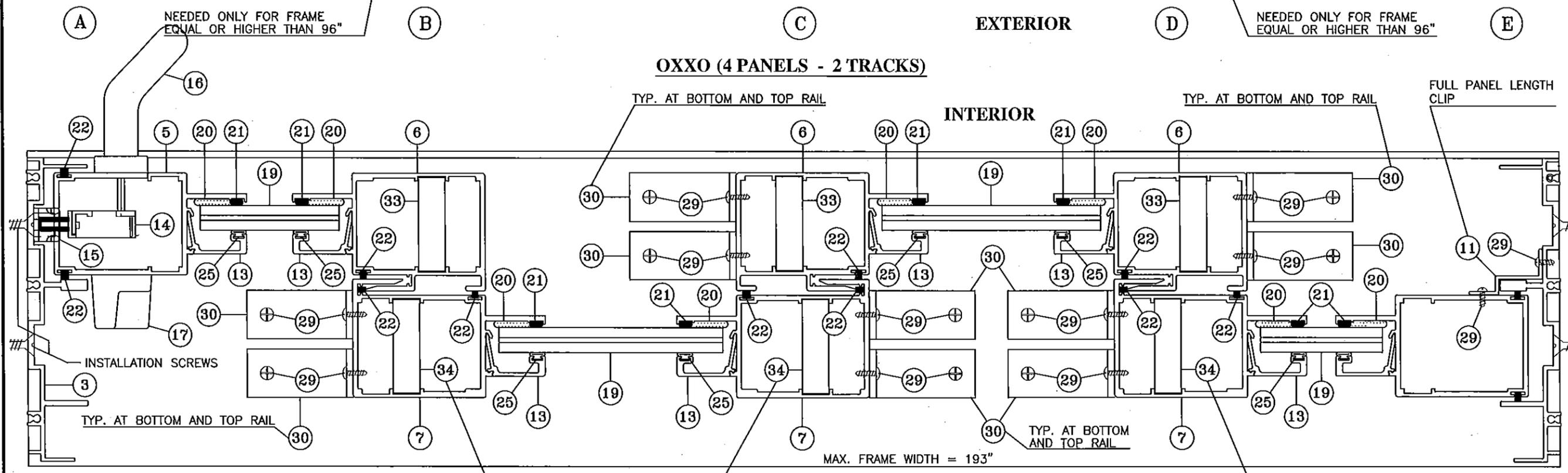
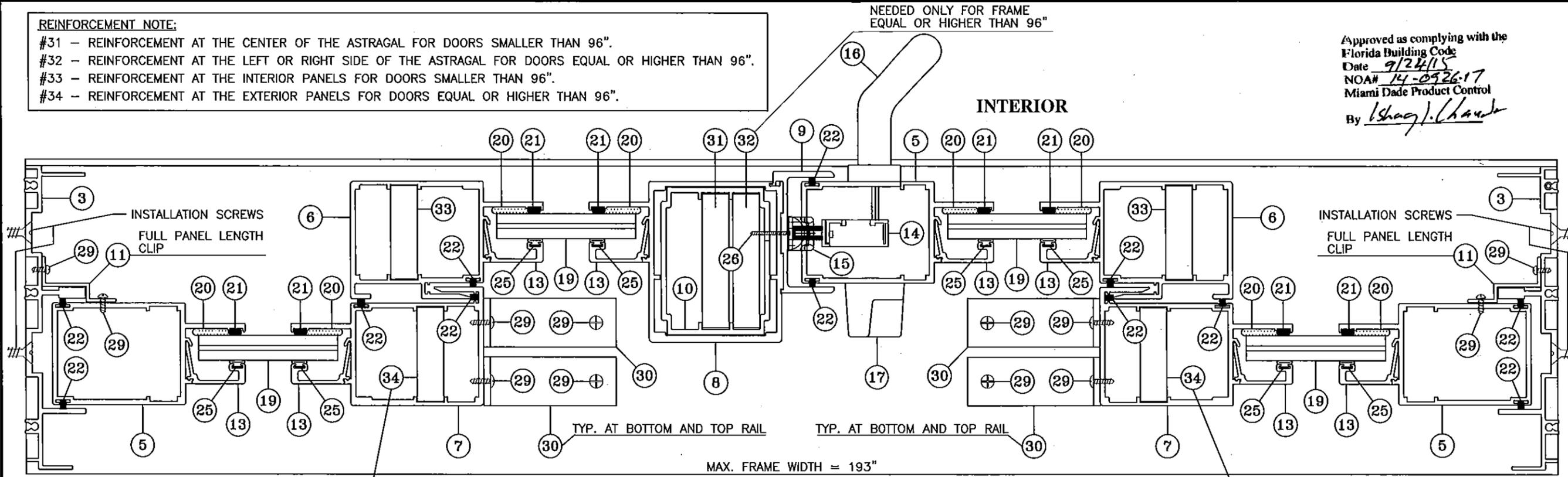
- #31 - REINFORCEMENT AT THE CENTER OF THE ASTRAGAL FOR DOORS SMALLER THAN 96".
- #32 - REINFORCEMENT AT THE LEFT OR RIGHT SIDE OF THE ASTRAGAL FOR DOORS EQUAL OR HIGHER THAN 96".
- #33 - REINFORCEMENT AT THE INTERIOR PANELS FOR DOORS SMALLER THAN 96".
- #34 - REINFORCEMENT AT THE EXTERIOR PANELS FOR DOORS EQUAL OR HIGHER THAN 96".

NEEDED ONLY FOR FRAME  
EQUAL OR HIGHER THAN 96"

Approved as complying with the  
Florida Building Code  
Date 9/22/15  
NOA# 14-0926-17  
Miami Dade Product Control  
By *(Signature)*

Sunshine Windows  
Manufacturing, Inc.

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



FOR INSTALLATION DETAILS SEE SHEETS 7 THRU 9

**HORIZONTAL SECTIONS**

*(Signature)*  
07-22-15  
FRANCISCO HERNANDEZ  
FLORIDA PE # 51393

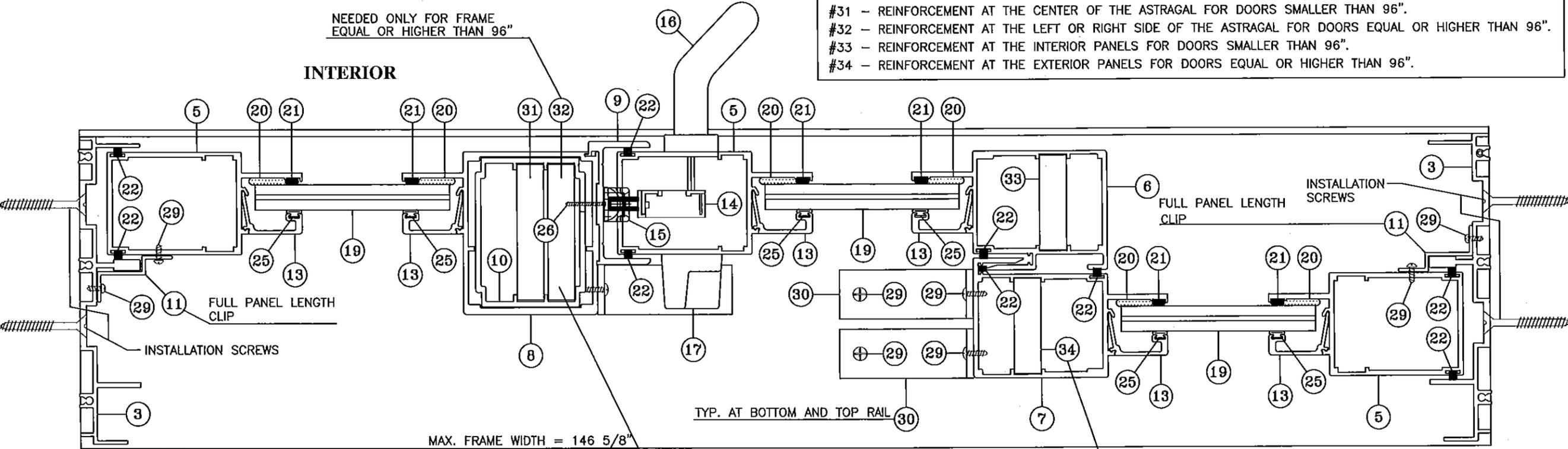
SERIES 2009-9H  
ALUMINUM SLIDING GLASS DOOR  
LARGE MISSILE IMPACT RESISTANT

REVISION	DATE	BY

DRAWING No.  
SGD14  
DATE: 09/05/14  
SCALE: 6"=1'-0"  
SHEET 3 OF 11

**REINFORCEMENT NOTE:**  
 #31 - REINFORCEMENT AT THE CENTER OF THE ASTRAGAL FOR DOORS SMALLER THAN 96".  
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NEEDED ONLY FOR FRAME EQUAL OR HIGHER THAN 96"



NEEDED ONLY FOR FRAME EQUAL OR HIGHER THAN 96"

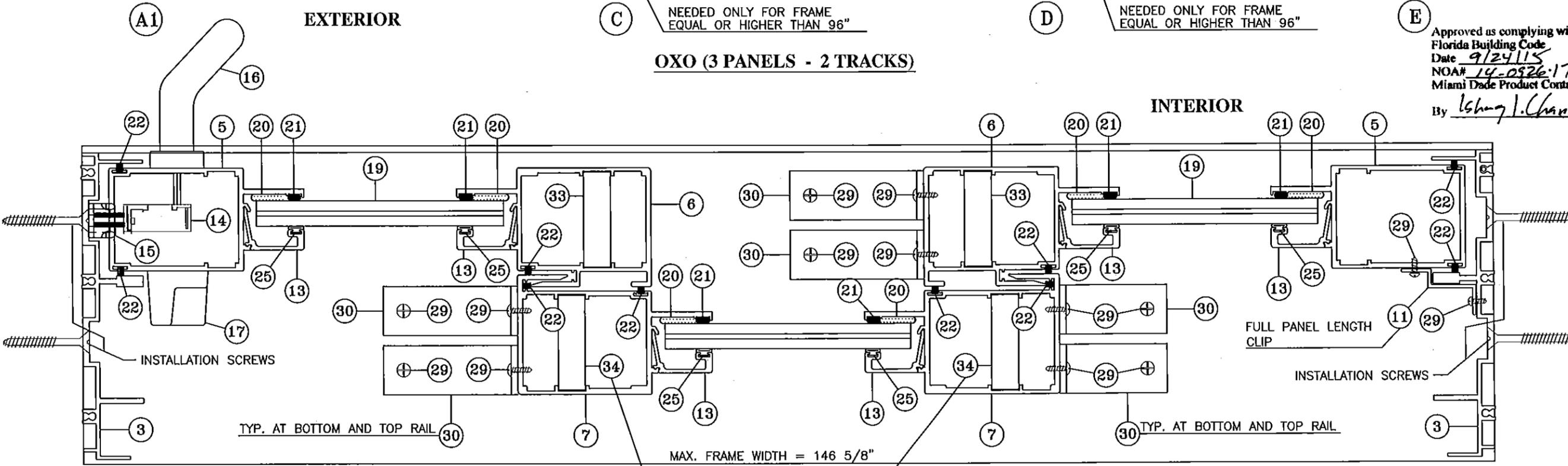
NEEDED ONLY FOR FRAME EQUAL OR HIGHER THAN 96"

**OXO (3 PANELS - 2 TRACKS)**

Approved as complying with the Florida Building Code  
 Date 9/24/15  
 NOA# 14-0926-17  
 Miami Dade Product Control  
 By Ishay I. Chan

EXTERIOR

INTERIOR



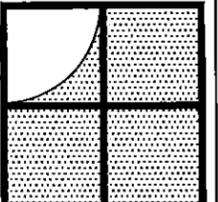
NEEDED ONLY FOR FRAME EQUAL OR HIGHER THAN 96"

**XO0 OR OOX (3 PANELS - 2 TRACKS)**

FOR INSTALLATION DETAILS SEE SHEETS 7 THRU 9

**HORIZONTAL SECTIONS**

E1  
 09-22-15  
 FRANCISCO HERNANDEZ  
 FLORIDA PE # 51393



Sunshine Windows Manufacturing, Inc.  
 1745 W. 33rd Place  
 Hialeah, Florida 33012  
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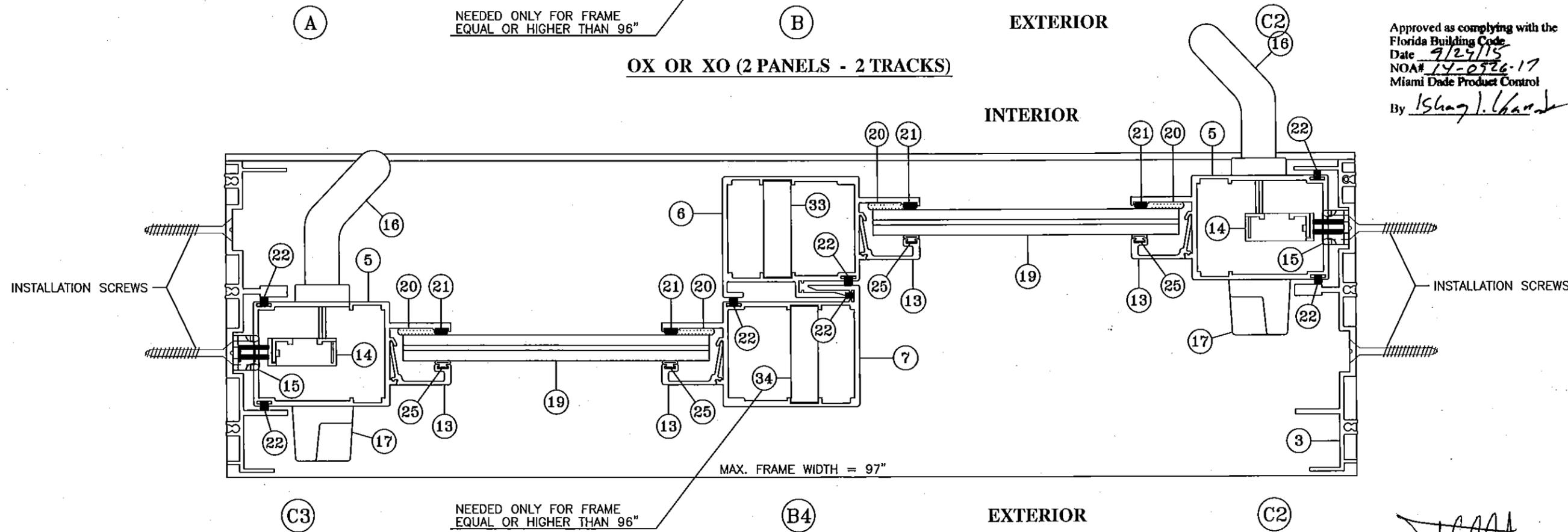
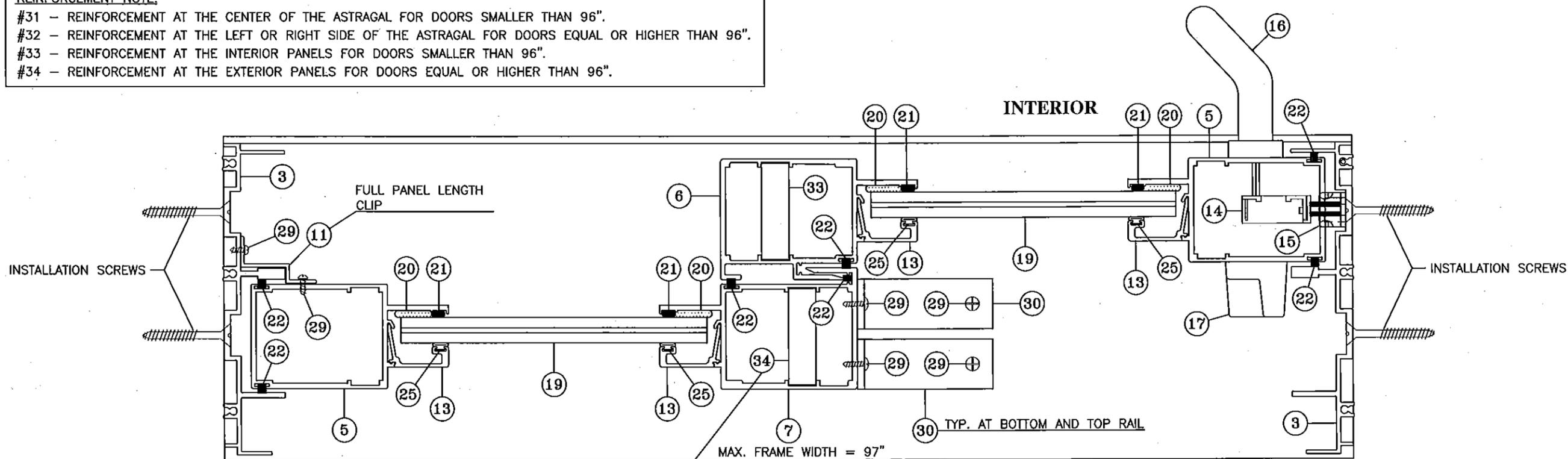
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 LARGE MISSILE IMPACT RESISTANT

No	DATE	REVISION

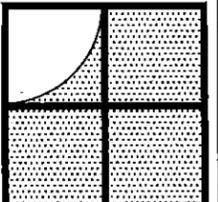
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 DATE: 09/05/14  
 SCALE: 6"=1'-0"  
 SHEET 4 OF 11

**REINFORCEMENT NOTE:**

- #31 - REINFORCEMENT AT THE CENTER OF THE ASTRAGAL FOR DOORS SMALLER THAN 96".
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Approved as complying with the  
 Florida Building Code  
 Date 9/24/15  
 NOA# 14-0526-17  
 Miami Dade Product Control  
 By Isaac J. Garcia



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No	DATE	REVISION

FOR INSTALLATION DETAILS SEE SHEETS 7 THRU 9

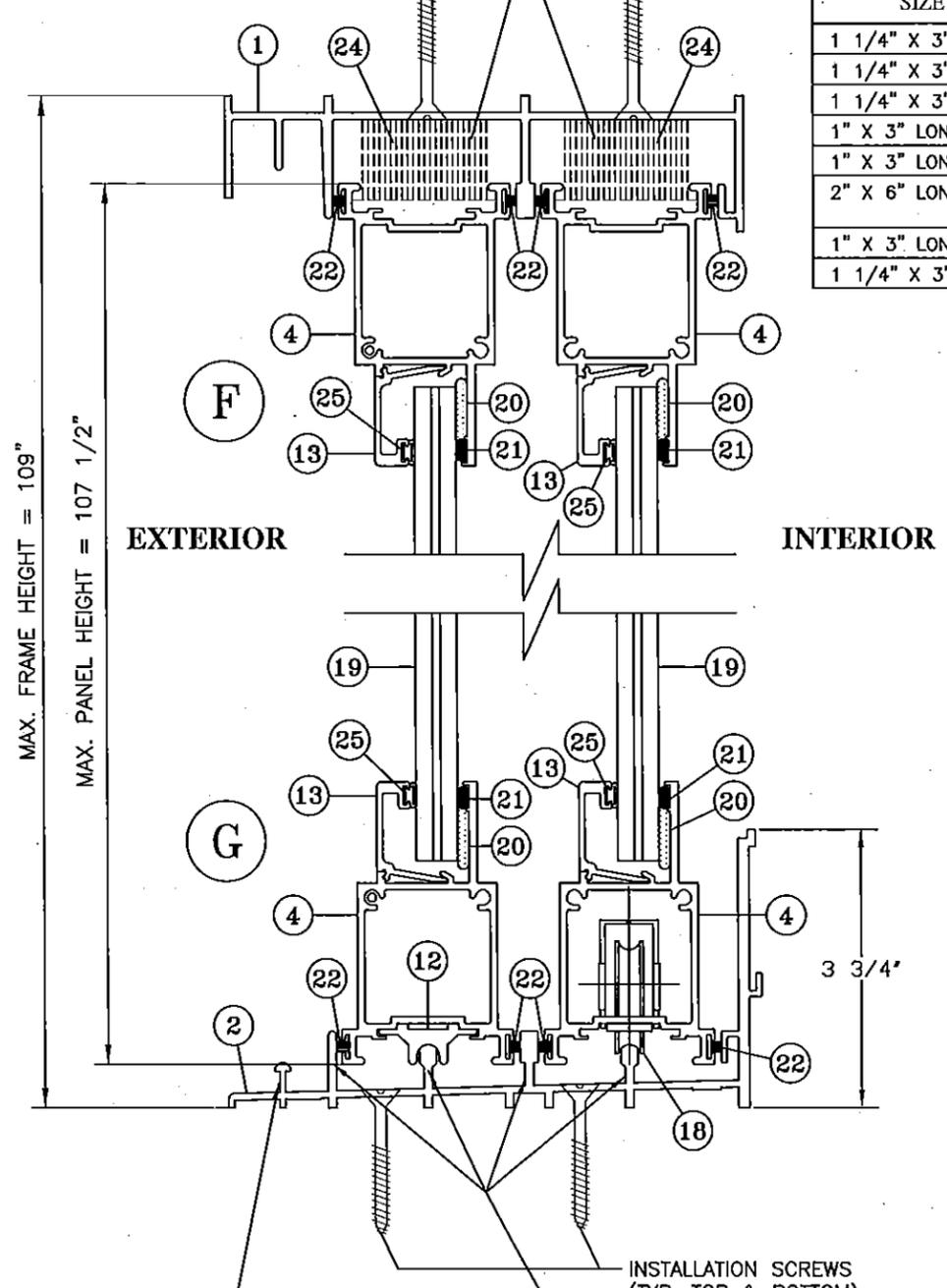
**HORIZONTAL SECTIONS**

*[Signature]*  
 07-22-15  
 FRANCISCO HERNANDEZ  
 FLORIDA PE # 51393

DRAWING No.  
 SGD14  
 DATE: 09/05/14  
 SCALE: 6"=1'-0"  
 SHEET 5 OF 11

SELF ADHESIVE PILE PADS  
(SEE PILE PADS LOCATION CHART)

SIZE	LOCATION
1 1/4" X 3" LONG	EACH END OF MOVING PANELS TOP RAIL
1 1/4" X 3" LONG	RIGHT SIDE OF LEFT FIXED PANELS TOP RAIL
1 1/4" X 3" LONG	LEFT SIDE OF RIGHT FIXED PANELS TOP RAIL
1" X 3" LONG	RIGHT SIDE OF LEFT FIXED PANELS BOTTOM RAIL
1" X 3" LONG	LEFT SIDE OF RIGHT FIXED PANELS BOTTOM RAIL
2" X 6" LONG	FRAME HEAD AND SILL OF MOVING PANEL TRACK AT CENTER OF GLAZING UNIT
1" X 3" LONG	INSIDE THE FEMALE ASTRAGAL STILE CAVITY AT THE TOP
1 1/4" X 3" LONG	INSIDE THE FEMALE ASTRAGAL STILE CAVITY AT THE TOP



MAX. FRAME HEIGHT = 109"  
MAX. PANEL HEIGHT = 107 1/2"

EXTERIOR

INTERIOR

1/2" LONG WEEP NOTCH AT EACH END OF SCREEN TRACK (TYPICAL)

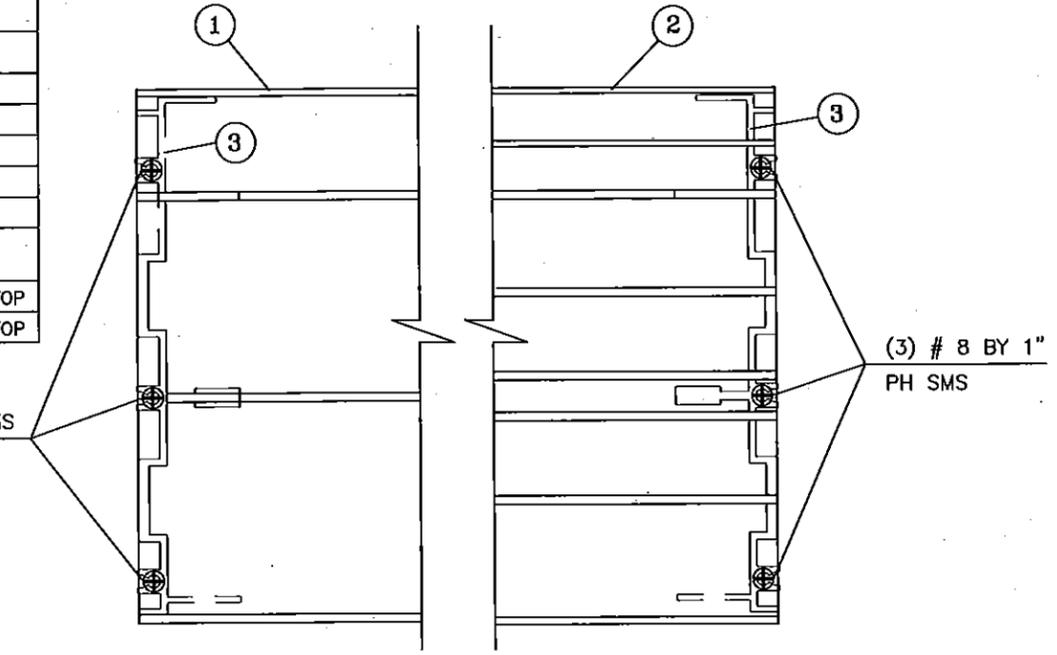
3/4" LONG WEEP NOTCH AT EACH END OF EACH PANEL TRACK AND PANEL GUIDE (TYPICAL)

7/8" X 3/16" HIGH WEEP HOLE 1 5/8" FROM EACH END OF EACH PANEL TRACK AND PANEL GUIDE (TYPICAL)

INSTALLATION SCREWS (TYP. TOP & BOTTOM)

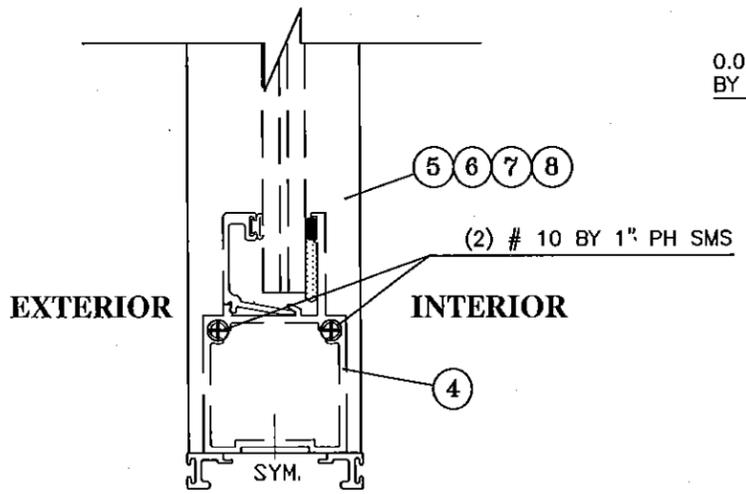
**VERTICAL SECTION**

FOR INSTALLATION DETAILS SEE SHEETS 7 THRU 9



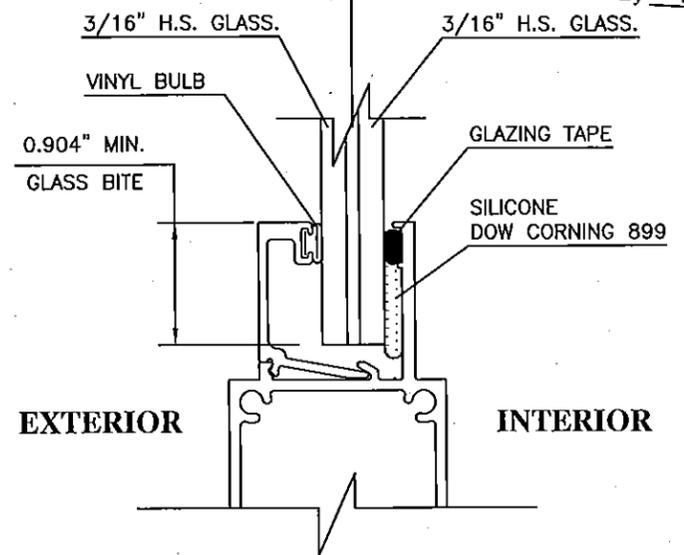
FRAME UPPER CORNER CONSTRUCTION DETAIL

FRAME BOTTOM CORNER CONSTRUCTION DETAIL



PANEL CORNERS CONSTRUCTION DETAIL

0.09" SENTRYGLAS PLUS INTERLAYER BY KURARAY AMERICA INC.



EXTERIOR

INTERIOR

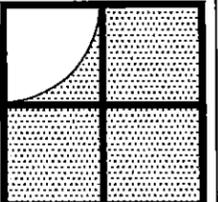
GLAZING DETAIL

Approved as complying with the Florida Building Code  
Date 9/24/15  
NOA# 14-0926-17  
Miami Dade Product Control  
By *[Signature]*

**GLAZING DETAIL AND FRAME & PANEL CORNER DETAILS**

*[Signature]*  
07-22-15

FRANCISCO HERNANDEZ  
FLORIDA PE # 51393

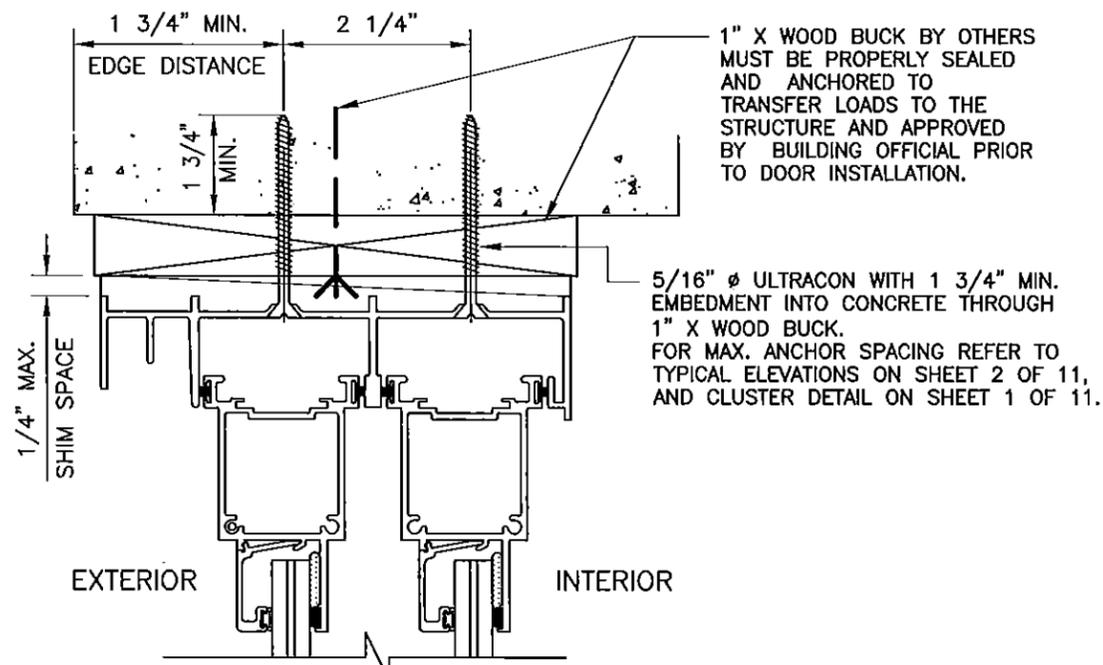


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SERIES 2009-9H  
ALUMINUM SLIDING GLASS DOOR  
LARGE MISSILE IMPACT RESISTANT

REVISION	DATE

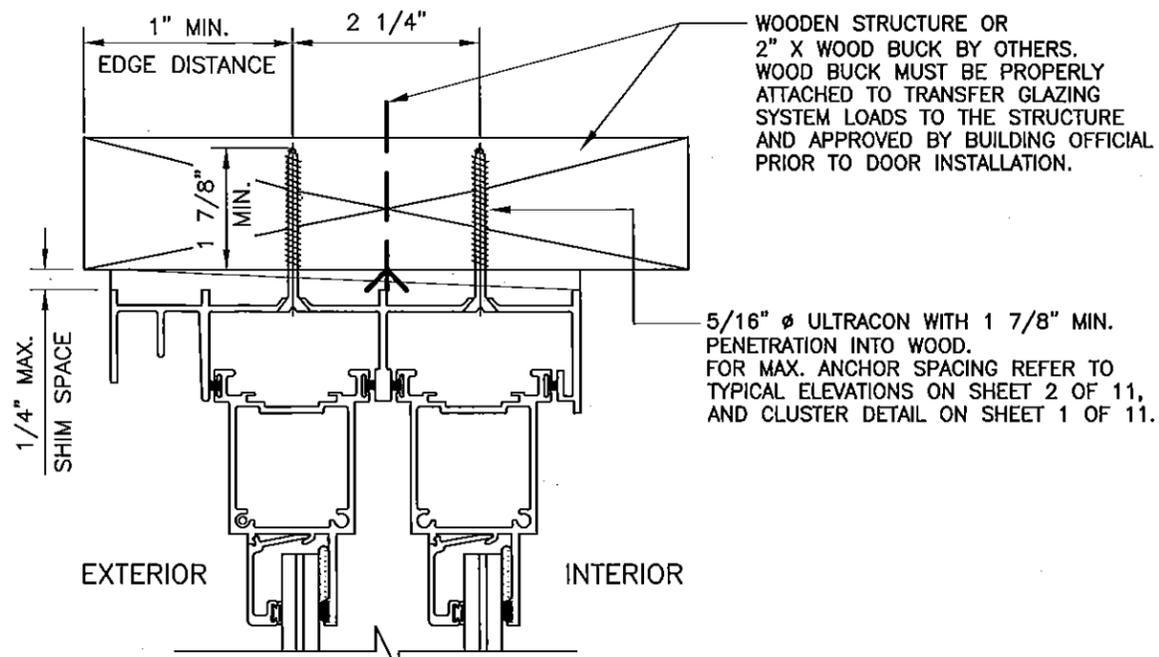
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DATE: 09/05/14  
SCALE: 6"=1'-0"



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.

5/16"  $\phi$  ULTRACON WITH 1 3/4" MIN. EMBEDMENT INTO CONCRETE THROUGH 1" X WOOD BUCK. FOR MAX. ANCHOR SPACING REFER TO TYPICAL ELEVATIONS ON SHEET 2 OF 11, AND CLUSTER DETAIL ON SHEET 1 OF 11.

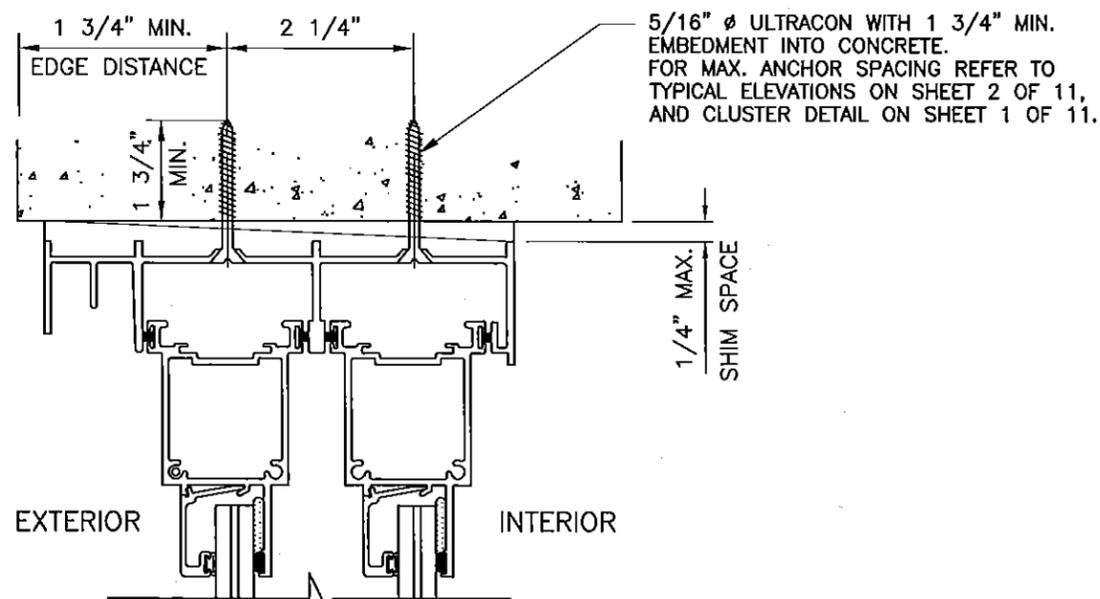
ATTACHMENT TO CONCRETE THROUGH 1" X WOOD BUCK



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

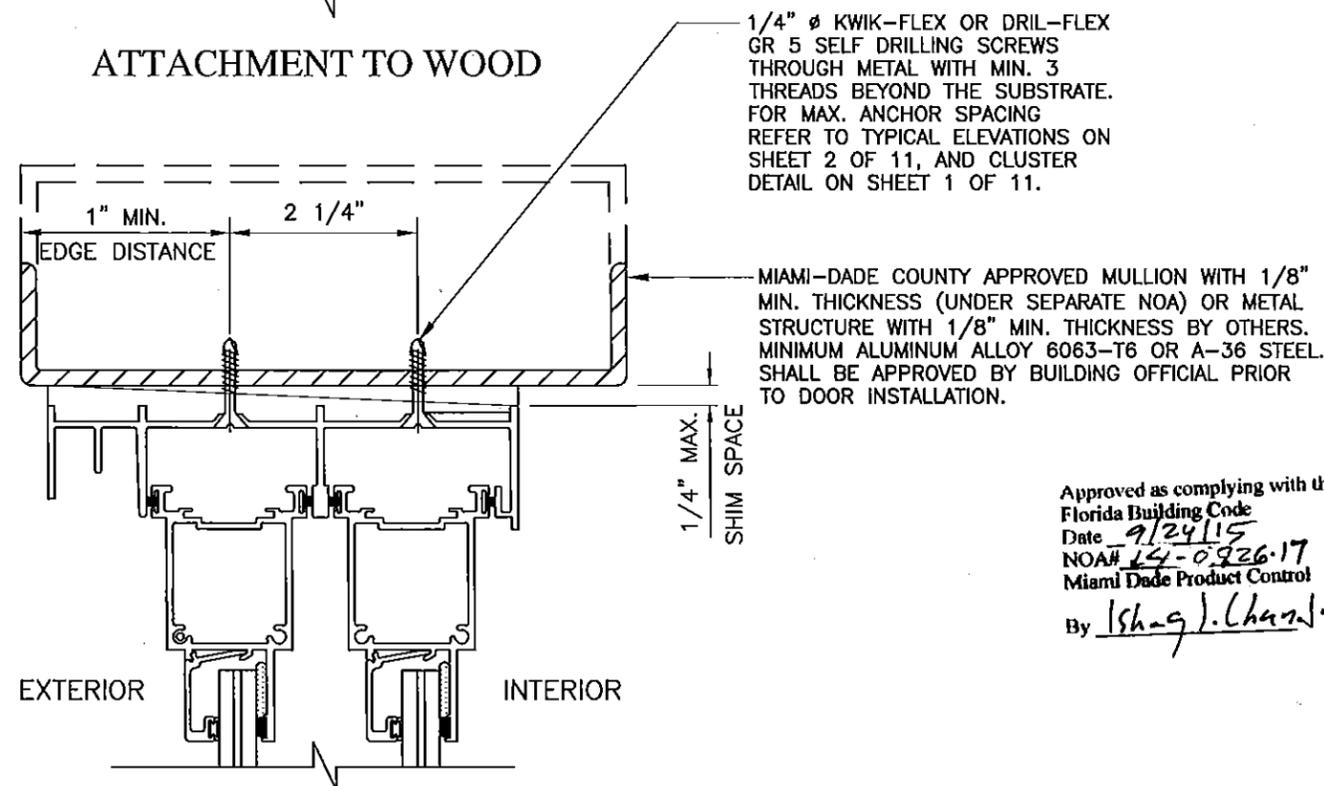
5/16"  $\phi$  ULTRACON WITH 1 7/8" MIN. PENETRATION INTO WOOD. FOR MAX. ANCHOR SPACING REFER TO TYPICAL ELEVATIONS ON SHEET 2 OF 11, AND CLUSTER DETAIL ON SHEET 1 OF 11.

ATTACHMENT TO WOOD



5/16"  $\phi$  ULTRACON WITH 1 3/4" MIN. EMBEDMENT INTO CONCRETE. FOR MAX. ANCHOR SPACING REFER TO TYPICAL ELEVATIONS ON SHEET 2 OF 11, AND CLUSTER DETAIL ON SHEET 1 OF 11.

ATTACHMENT TO CONCRETE WITHOUT WOOD BUCKS



1/4"  $\phi$  KWIK-FLEX OR DRILL-FLEX GR 5 SELF DRILLING SCREWS THROUGH METAL WITH MIN. 3 THREADS BEYOND THE SUBSTRATE. FOR MAX. ANCHOR SPACING REFER TO TYPICAL ELEVATIONS ON SHEET 2 OF 11, AND CLUSTER DETAIL ON SHEET 1 OF 11.

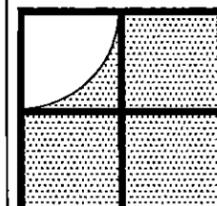
MIAMI-DADE COUNTY APPROVED MULLION WITH 1/8" MIN. THICKNESS (UNDER SEPARATE NOA) OR METAL STRUCTURE WITH 1/8" MIN. THICKNESS BY OTHERS. MINIMUM ALUMINUM ALLOY 6063-T6 OR A-36 STEEL SHALL BE APPROVED BY BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.

ATTACHMENT TO METAL STRUCTURE / MULLION

Approved as complying with the Florida Building Code  
 Date 9/24/15  
 NOA# 14-0926-17  
 Miami Dade Product Control  
 By [Signature]

TYPICAL SECTIONS AT HEAD  
 ATTACHMENT TO DIFFERENT SUBSTRATES

FRANCISCO HERNANDEZ  
 FLORIDA PE # 51393

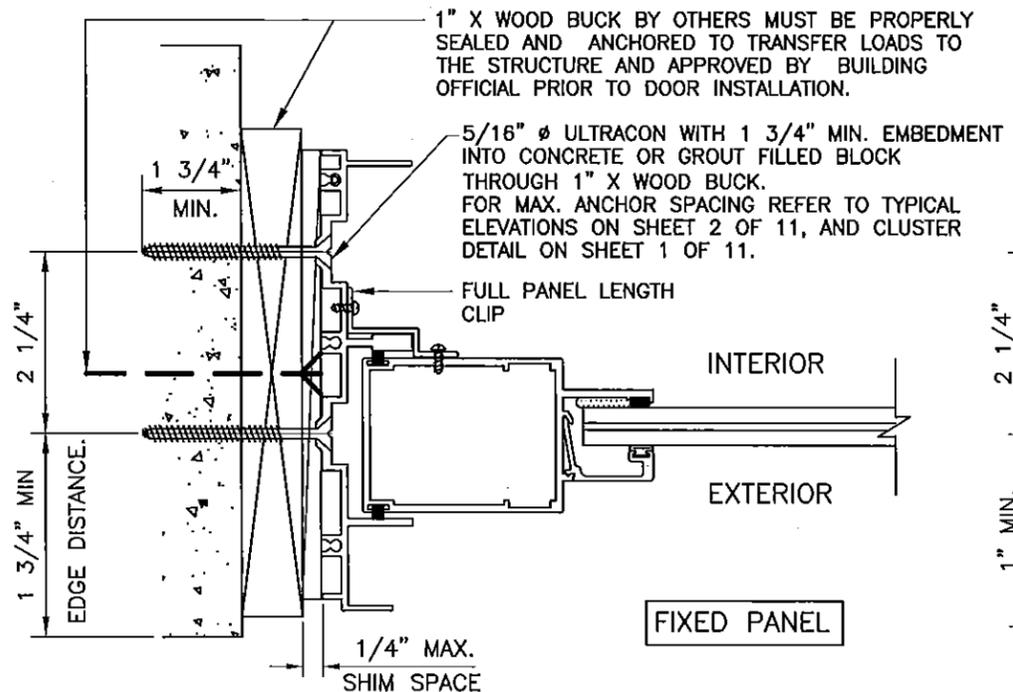


Sunshine Windows Manufacturing, Inc.  
 1745 W. 33rd Place  
 Hialeah, Florida 33012  
 Ph: (305)364-9952  
 Fax:(305)828-5118

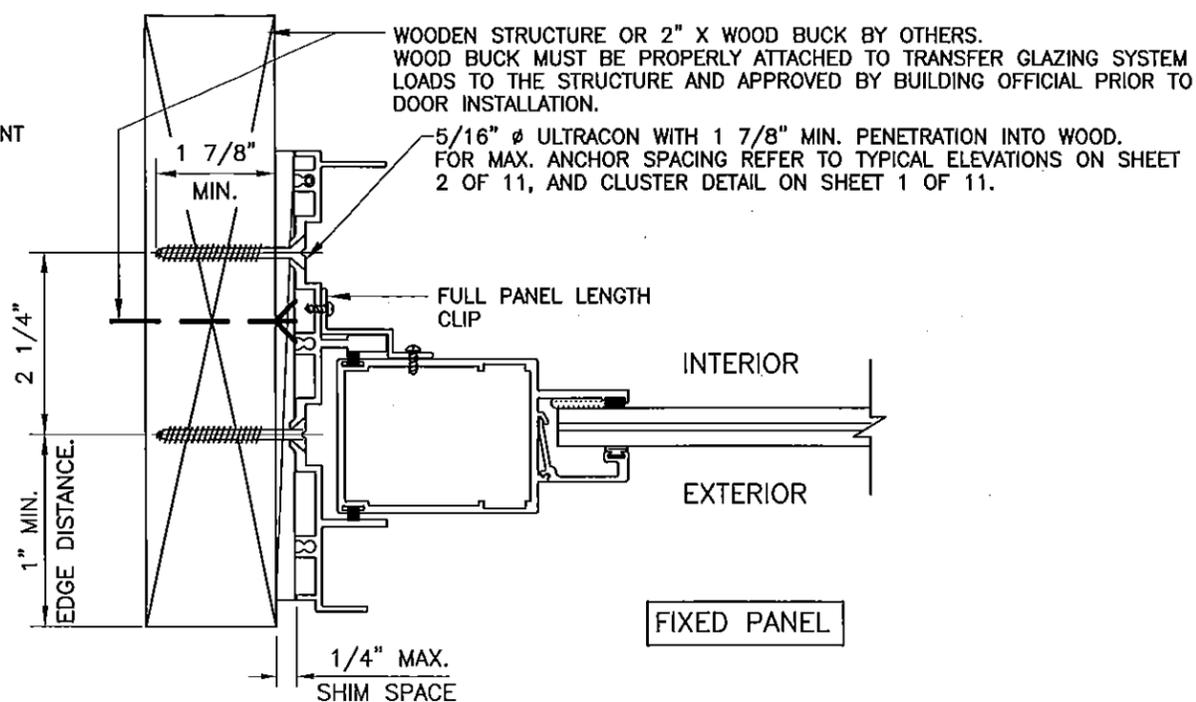
SERIES 2009-9H  
 ALUMINUM SLIDING GLASS DOOR  
 LARGE MISSILE IMPACT RESISTANT

No	DATE	REVISION

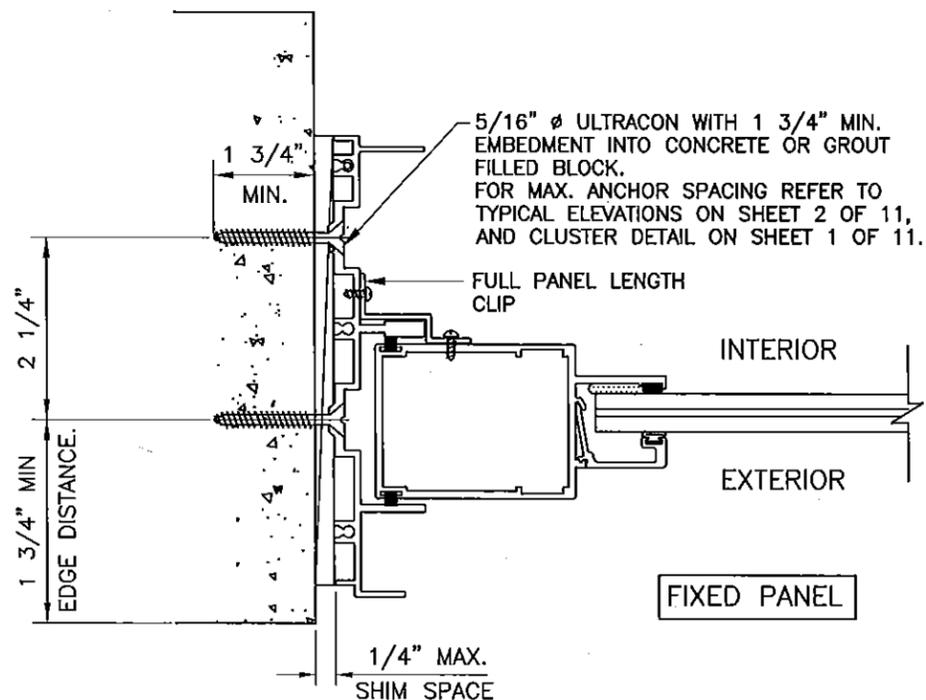
DRAWING No.  
 SGD14  
 DATE: 09/05/14  
 SCALE: 6"=1'-0"  
 SHEET 7 OF 11



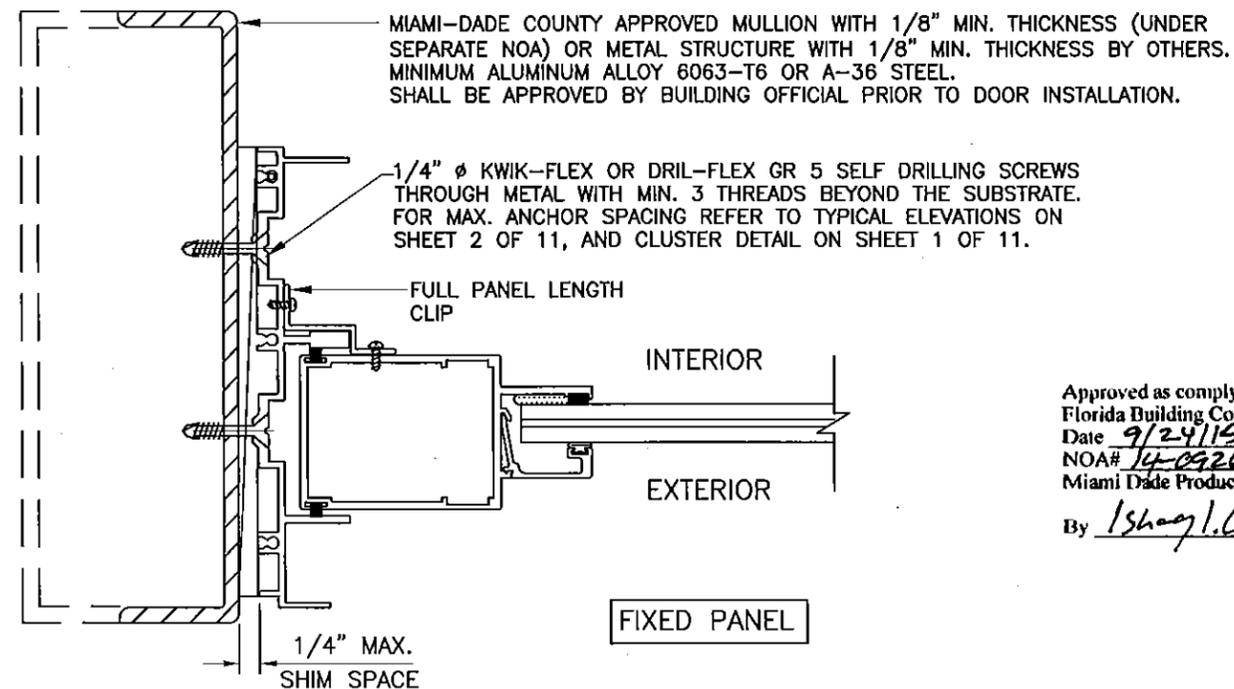
ATTACHMENT TO CONCRETE OR GROUT FILLED BLOCK THROUGH 1 X WOOD BUCK



ATTACHMENT TO WOOD



ATTACHMENT TO CONCRETE OR GROUT FILLED BLOCK

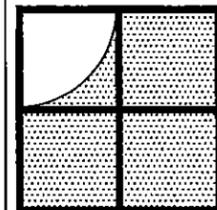


ATTACHMENT TO METAL STRUCTURE

TYPICAL SECTIONS AT JAMBS  
ATTACHMENT TO DIFFERENT SUBSTRATES

Approved as complying with the Florida Building Code  
Date 9/24/15  
NOA# 14-0926-17  
Miami Dade Product Control  
By *Ishag I. Chaudhary*

*Francisco Hernandez*  
07-22-15  
FRANCISCO HERNANDEZ  
FLORIDA PE # 51393

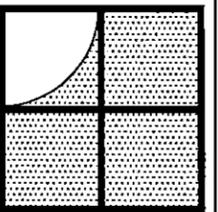


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ALUMINUM SLIDING GLASS DOOR  
LARGE MISSILE IMPACT RESISTANT

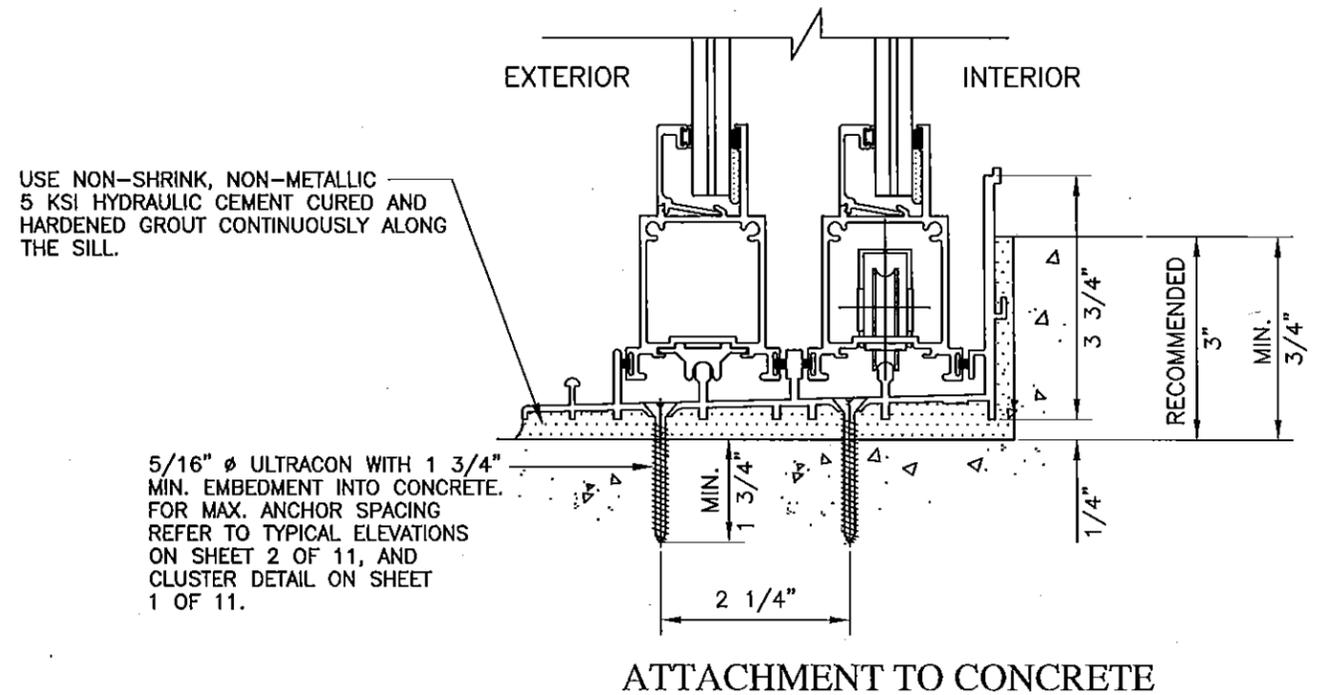
No	DATE	REVISION

DRAWING No.  
SGD14  
DATE: 09/05/14  
SCALE: 6"=1'-0"  
SHEET 8 OF 11

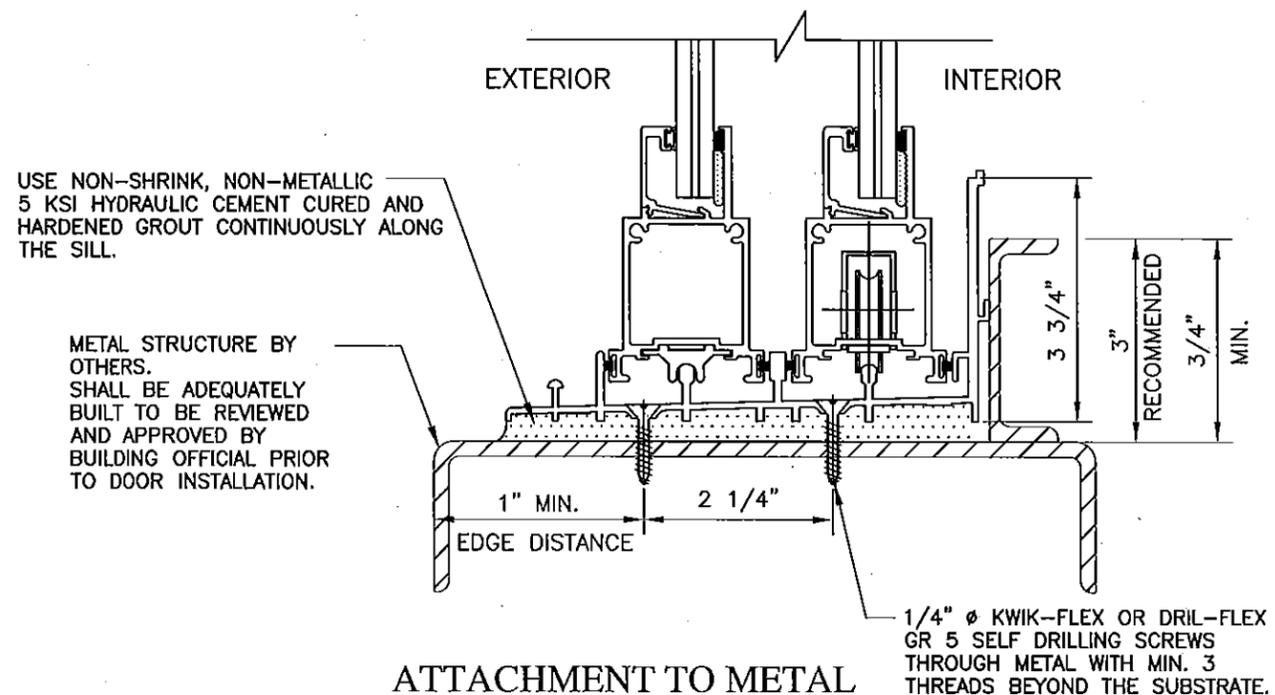


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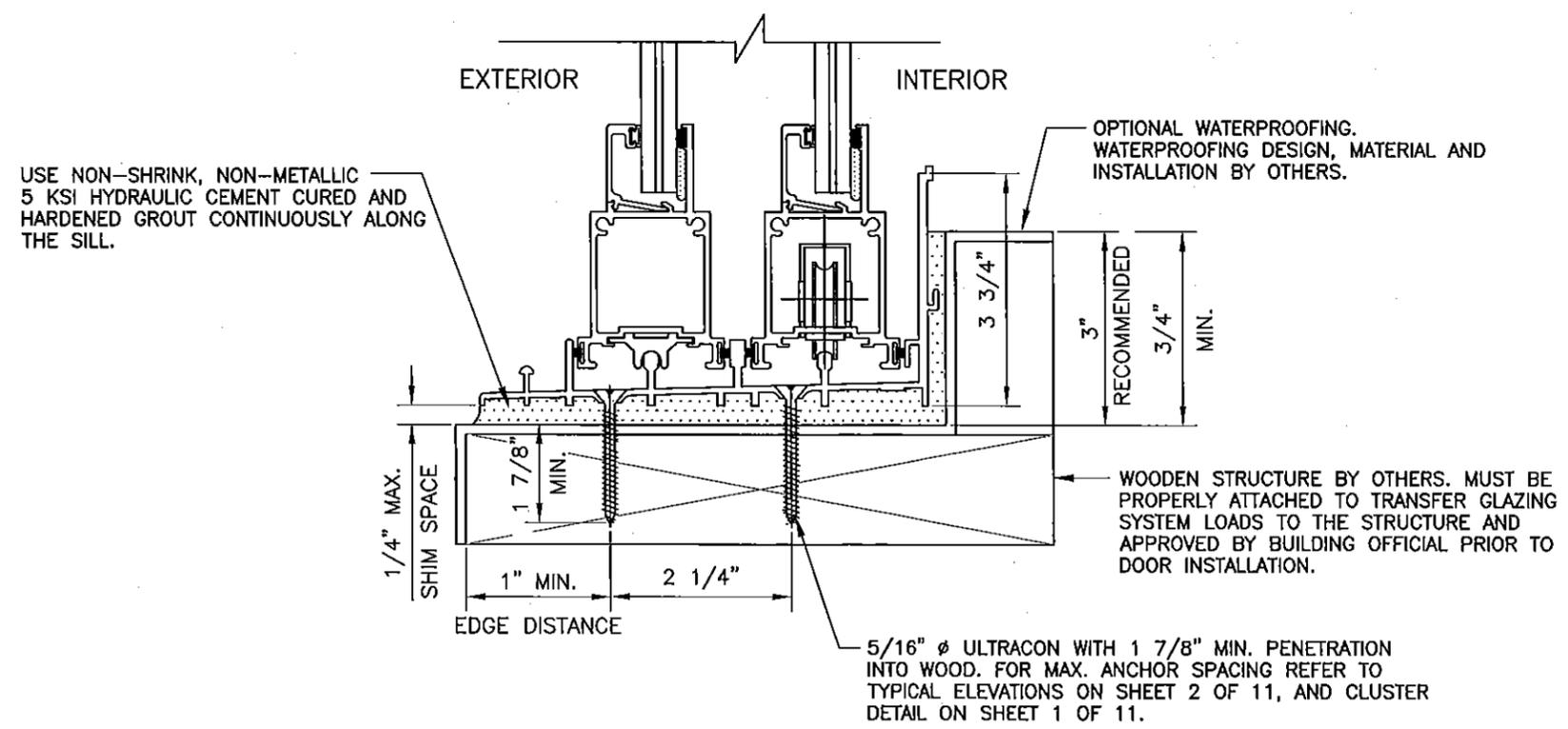
SERIES 2009-9H  
ALUMINUM SLIDING GLASS DOOR  
LARGE MISSILE IMPACT RESISTANT



ATTACHMENT TO CONCRETE



ATTACHMENT TO METAL



ATTACHMENT TO WOOD

TYPICAL SECTIONS AT SILL  
ATTACHMENT TO DIFFERENT SUBSTRATES

1/4" Ø KWIK-FLEX OR DRIL-FLEX GR 5 SELF DRILLING SCREWS THROUGH METAL WITH MIN. 3 THREADS BEYOND THE SUBSTRATE. FOR MAX. ANCHOR SPACING REFER TO TYPICAL ELEVATIONS ON SHEET 2 OF 11, AND CLUSTER DETAIL ON SHEET 1 OF 11.

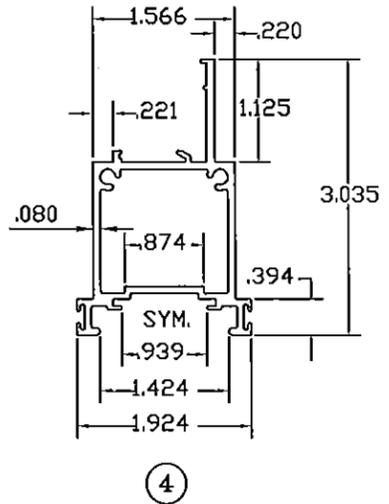
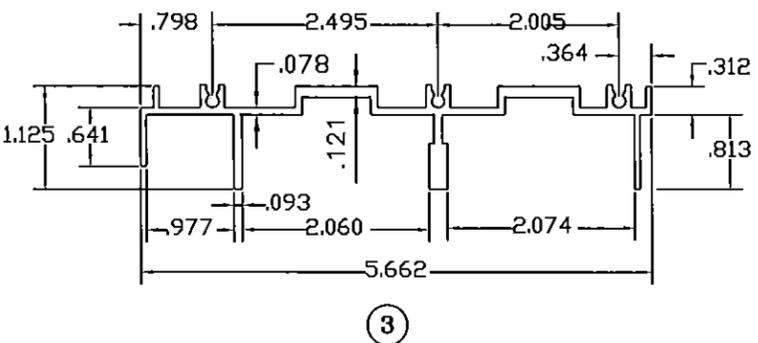
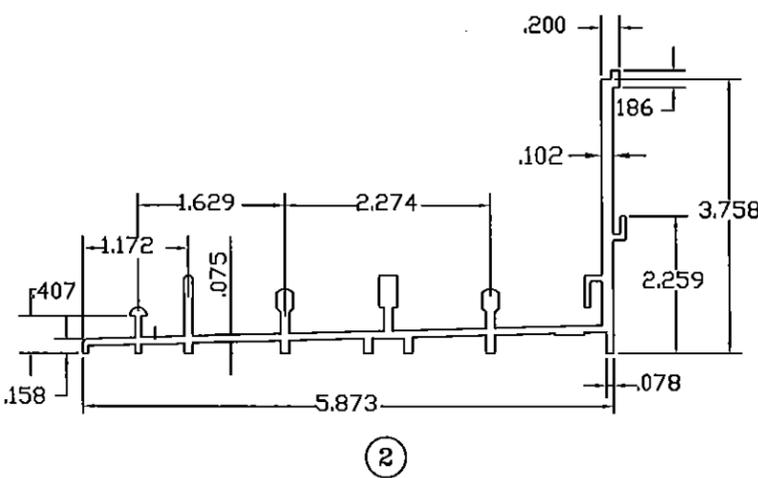
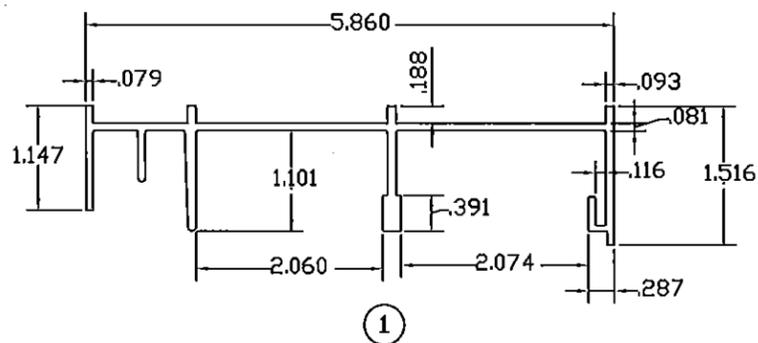
Approved as complying with the  
Florida Building Code  
Date 9/24/15  
NOA# 146926-17  
Miami Dade Product Control  
By *Ismael Chant*

*Francisco Hernandez*  
09-22-15

FRANCISCO HERNANDEZ  
FLORIDA PE # 51393

No	DATE	REVISION

DRAWING No.  
SGD14  
DATE: 09/05/14  
SCALE: 6"=1'-0"  
SHEET 9 OF 11

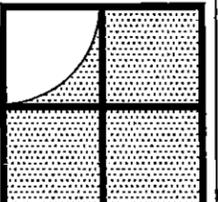


BILL OF MATERIALS			
ITEM	PART No.	DESCRIPTION	NOTES
1	SSW-001	2 TRACK FRAME HEAD	6063-T6 ALUMINUM
2	SSW-002	2 TRACK FRAME SILL	6063-T6 ALUMINUM
3	SSW-003	2 TRACK FRAME JAMB	6063-T6 ALUMINUM
4	SSW-004	PANEL TOP & BOTTOM RAIL	6005-T6 ALUMINUM
5	SSW-005	PANEL LOCK/FIXED STILE	6005-T6 ALUMINUM
6	SSW-006	INTERLOCK STILE AT INTERIOR TRACK	6005-T6 ALUMINUM
7	SSW-007	INTERLOCK STILE AT EXTERIOR TRACK	6005-T6 ALUMINUM
8	SSW-008	ASTRAGAL STILE	6005-T6 ALUMINUM
9	SSW-009	ASTRAGAL LOCK ADAPTER	6005-T6 ALUMINUM
10	SSW-010	ASTRAGAL INTERNAL REINF. TUBE	6005-T6 ALUMINUM
11	SSW-011	FIXED PANEL JAMB CLIP	6063-T6 ALUMINUM
12	SSW-012	FIXED PANEL BOTTOM RAIL GUIDE	RIGID VINYL
13	SSW-014	GLAZING BEAD - 7/16"	6063-T6 ALUMINUM
14	597 SRS	MORTISE LOCK	AMESBURRY HARDWARE 597 SERIES
15	2315 SRS	MORTISE LOCK KEEPER	AMESBURRY HARDWARE 2315 SERIES
16	APOLLO SRS	LOCK INTERIOR HANDLE / PULL	AMESBURRY HARDWARE APOLLO SERIES
17	2940 SRS	LOCK EXTERIOR HANDLE / PULL	AMESBURRY HARDWARE 2940 SERIES
18	SR-2003	TANDEM ROLLER (S.S.)	DELTA INDUSTRIAL SYSTEMS
19	NOA 11-0624.02	7/16" IMPACT GLASS	3/16" H.S. + 0.09 SGP + 3/16" H.S.
20		SILICONE SEALANT	DOW CORNING 899
21	ZIALOC 750	1/8" X 1/4" DOUBLE SIDED TAPE	PE FOAM GLAZING TAPE
22	W44214NW000	WEATHERSTRIP	0.229 X 0.220 FIN SEAL PILE WITH INTEGRAL FIN
23	NOT USED		
24		INTERLOCK/ASTRAGAL PILE PAD	SELF ADHESIVE PILE PAD
25	FWI3002	VINYL BULB 3025	FPVC
26	1LY73	ASTRAGAL ADAPTER SCREWS	#10 X 1 3/4" P.H. S.M.S.
27	1LY63	FRAME ASSEMBLY SCREWS	#8 X 1" P.H. S.M.S.
28	1LY73	PANEL ASSEMBLY SCREWS	#10 X 1" P.H. S.M.S.
29	1LY69	FIXED PANEL CLIP SCREWS	#10 X 1 3/4" P.H. S.D.S.
30	GAS-33328B	FIXED PANEL ANGLE CLIP	3" X 3" X 1/8" ALUMINUM ANGLE
31		ASTRAGAL REINFORCEMENT BAR	0.453" X 2.487" ALUMINUM BAR
32		ASTRAGAL REINFORCEMENT BAR	0.453" X 2.487" ALUMINUM BAR
33		INTERLOCK REINFORCEMENT BAR	0.453" X 1.719" ALUMINUM BAR
34		INTERLOCK REINFORCEMENT BAR	0.453" X 1.719" ALUMINUM BAR

Approved as complying with the  
 Florida Building Code  
 Date 9/24/15  
 NOA# 14-0926-17  
 Miami Dade Product Control  
 By *Isaac I. Chant*

## BILL OF MATERIALS AND PARTS DETAILS

*Francisco Hernandez*  
 09-22-15  
 FRANCISCO HERNANDEZ  
 FLORIDA PE # 51393

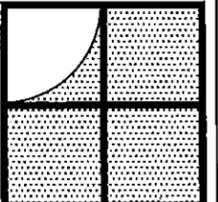


Sunshine Windows  
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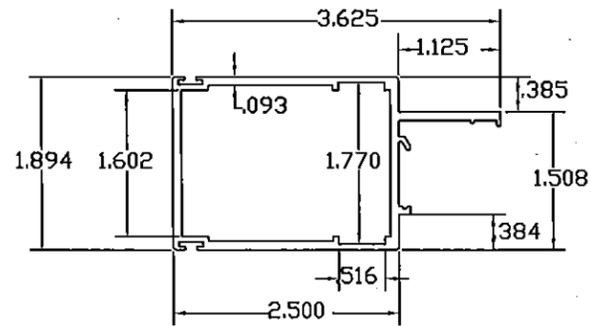
No	DATE	REVISION

DRAWING No.  
 SGD14  
 DATE: 09/05/14  
 SCALE: 6"=1'-0"  
 SHEET 10 OF 11

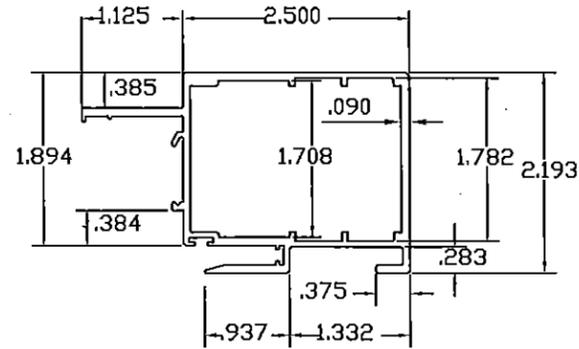


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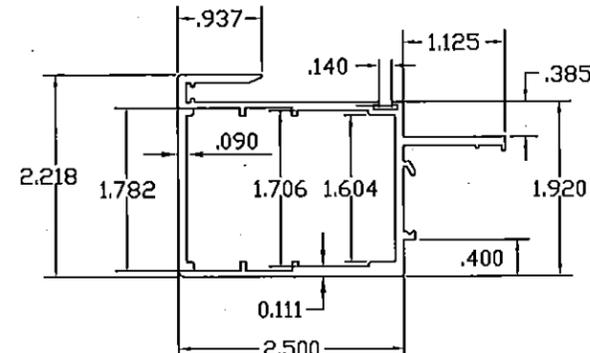
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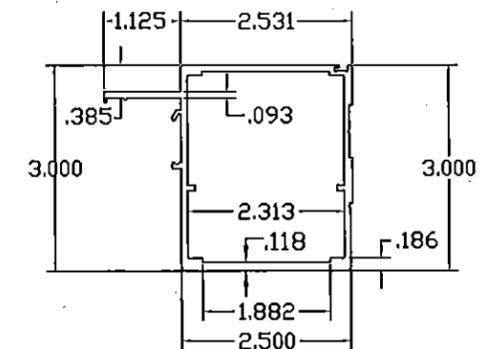
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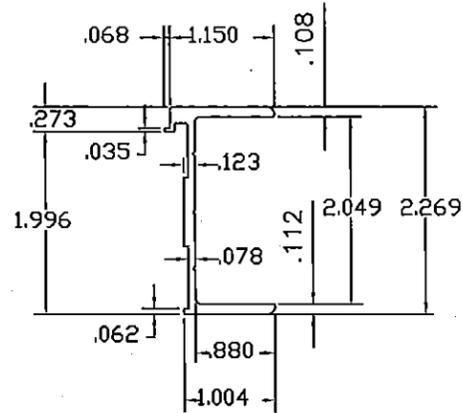
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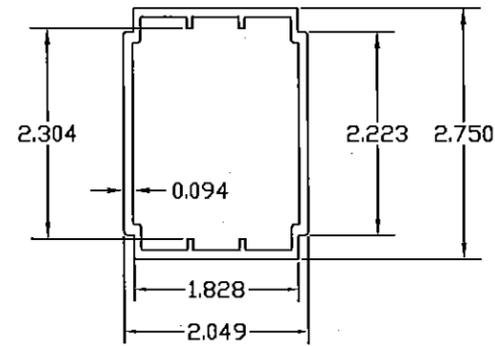
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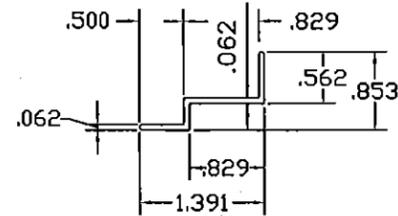
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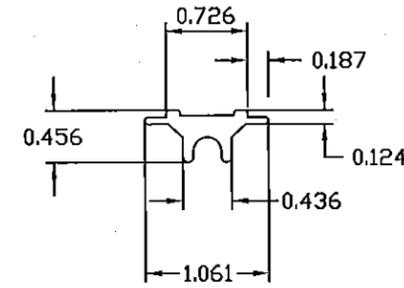
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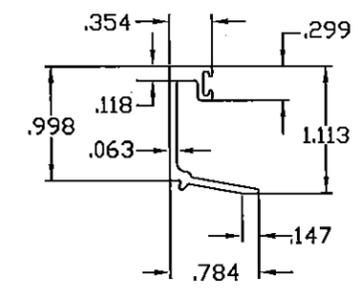
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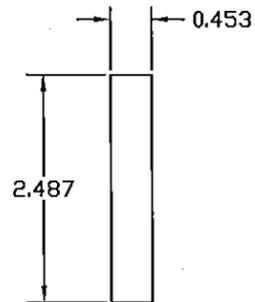
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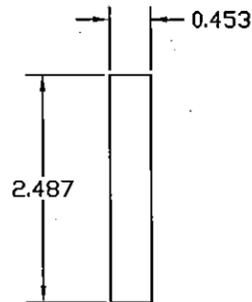
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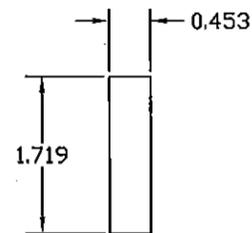
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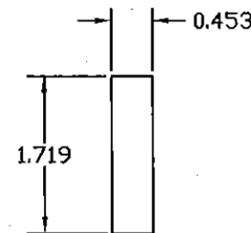
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32



33



34

Approved as complying with the  
Florida Building Code  
Date SEP 29, 2015  
NOA# 14-0926-17  
Miami Dade Product Control  
By Isaac L. Chant

PARTS DETAILS

*[Signature]*  
07-22-15  
FRANCISCO HERNANDEZ  
FLORIDA PE # 51393

No	DATE	REVISION

DRAWING No.  
SGD14  
DATE: 09/05/14  
SCALE: 6"=1'-0"  
SHEET 11 OF 11