

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](http://www.miamidade.gov/economy)

**Horton Automatics Division of Overhead Door**  
**4242 Baldwin Boulevard**  
**Corpus Christi, TX 78405**

**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 "110" (O-Sx-Sx-O) and Series "310" (So-Sx-Sx-So) and (So-Sx) Aluminum Automatic Sliding Door (Steel Reinforced) w/ Breakout-SMI**

**APPROVAL DOCUMENT:** Drawing No. **040302-S Rev 3**, titled "Series 110/310 Small Missile Impact", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/02/04 and last revised on 10-08-2018, signed and sealed by John E. Scates, 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: Small Missile Impact Resistant**

**Limitations:**

1. Series **110** (O-Sx-Sx-O) and Series **310** (So-Sx-Sx-So) w/Fixed Push bar & AR top/bottom Flush bolts w/MS18505 lock are rated at DP= +/- **55** PSF & 4-panels Max 192"Wx104"H. The Series **310** (So-Sx-Sx-So) with AR **G-86** panic device is limited to DP = +/- **45** PSF & max unit size 168" WX 96H. Applicable O-Sx or So-Sx is qualified.
2. Not approved where water infiltration is required.
3. Electrical/ Electronic functions are not part of this approval and to be reviewed by appropriate Bldg. official.
4. Anchors referenced at Equal spacing must not exceed 12" unless otherwise noted.

**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 # 18-1025.14**, consists of this page 1 and evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



*Ishaq I. Chanda*

NOA No. 20-0915.10  
Expiration Date: August 19, 2023  
Approval Date: December 23, 2020  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. Evidence submitted under previous approvals**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (see files below).
2. Drawing No. **040302-S Rev 2**, titled "Series 110/310 Small Missile Impact", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/02/04 and last revised on 04-08-2016, signed and sealed by John E. Scates, P.E.

**B. TESTS (Submitted under files #15-0922.15/#14-0602.06/#12-0801.08/# 09-0624.05)**

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 (Not conducted)
  - 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 installation diagram of aluminum automatic sliding glass doors, prepared by Hurricane Testing Laboratories, Test Report No(s) **HTL-0322-0908-03 (Sp#6 & #7)**, **HTL-0322-0611-03 (sp#5)** and **HTL-0322-0119-04 (sp#1)**, all signed and sealed dated 02/16/04 by Vinu J. Abraham, P.E.

**C. CALCULATIONS (Submitted under file # 09-0624.05)**

1. Anchor verification calculations and structural analysis complying w/ FBC 2014 (5<sup>th</sup> edition), dated 09/11/15, prepared, signed and sealed by John E. Scates, P.E.
2. Glazing complies w/ ASTM-E1300-02, -04 & -09.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0916.10** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for "Kuraray **Butacite PVB Interlayer**", expiring on 12/11/16.
2. Technical data sheet for glazing bead item # 57, ExxonMobil Chemical's Santoprene<sup>TM</sup> 121-67W175 thermoplastic, extruded by Central Chemical Inc.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2014(5<sup>th</sup> Edition) & "No financial interest", dated SEP 11, 2015, signed & sealed by John E. Scates, P.E.
2. Addendum letter dated 06-12-08, issued by Hurricane Testing lab, signed and sealed by Vinu Abraham, P. E.
3. Lab compliance as part of the above referenced test report.

**G. OTHER**

1. This NOA **revises & renews #14-0602.06**, expiring 08/19/23.

**2 Evidence submitted under previous approvals (#17-0828.08).**

**A. DRAWINGS**

1. None.

**B. TESTS**

1. None.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0915.10**  
**Expiration Date: August 19, 2023**  
**Approval Date: December 23, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. Evidence submitted under previous approvals (#17-0828.08) continue:**

**C. CALCULATIONS**

1. None

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for “**Trofossil**, ultra-clear & color PVB former **Butacite PVB Interlayer**”, expiring on 07/08/19.

**F. STATEMENTS**

1. Statement letters of conformance to FBC 2017(6<sup>th</sup> Edition) & FBC 2014 (5<sup>th</sup> Edition) dated 11/02/17, prepared, signed and sealed by John E. Scates, P.E.

**G. OTHER**

1. This NOA revises NOA # **15-0922.15**, expiring 08/19/2023.

**3. Evidence submitted under previous approval**

**A. DRAWINGS**

1. Drawing No. **040302-S Rev 3**, titled “Series 110/310 Small Missile Impact”, sheets 1 through 8 of 8, prepared by manufacturer, dated 03/02/04 and last revised on 10-08-2018, signed and sealed by John E. Scates, P.E., (Note: This revision consists of updating setting block at glazing detail)

**B. TESTS**

1. None

**C. CALCULATIONS**

1. None

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0916.10** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for “Kuraray **Butacite PVB Interlayer**”, expiring on 12/11/16.
2. Technical data sheet for glazing bead item # 57, ExxonMobil Chemical’s Santoprene<sup>TM</sup> 121-67W175 thermoplastic, extruded by Central Chemical Inc.

**F. STATEMENTS (submitted under #17-0828.08)**

1. Statement letters of conformance to FBC 2017(6<sup>th</sup> Edition) & FBC 2014 (5<sup>th</sup> Edition) dated 11/02/17, prepared, signed and sealed by John E. Scates, P.E.

**G. OTHER**

1. This NOA revises NOA # **17-0828.08**, expiring 08/19/2023.

*Ishaq I. Chanda*

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Ishaq I. Chanda, P.E.  
Product Control Unit Supervisor  
NOA No. 20-0915.10  
Expiration Date: August 19, 2023  
Approval Date: December 23, 2020

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. New Evidence submitted**

**A. DRAWINGS**

1. Drawing No. **040302-S Rev 3**, titled “Series 110/310 Small Missile Impact”, sheets 1 through 8 of 8, prepared by manufacturer, dated 03/02/04 and last revised on 10-08-2018, signed and sealed by John E. Scates, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.
2. Technical data sheet for glazing bead item # 57, ExxonMobil Chemical’s Santoprene<sup>TM 121</sup>-67W175 thermoplastic, extruded by Central Chemical Inc.

**F. STATEMENTS**

1. Statement letters of conformance to FBC 2020 (7<sup>th</sup> Edition) &” No financial interest”. dated 08/28/20, prepared, signed and sealed by John E. Scates, P.E.

**G. OTHER**

1. This NOA revises NOA # **18-1025.14**, expiring 08/19/2023.

*Ishaq I. Chanda*

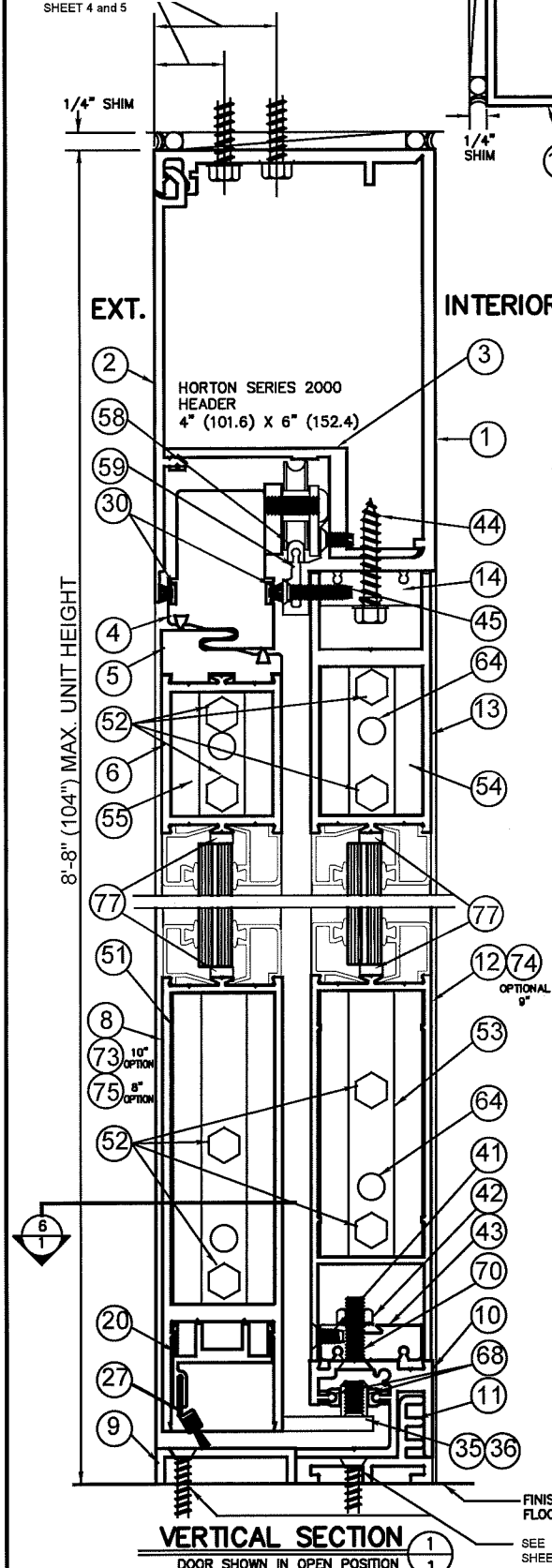
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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-0915.10**  
**Expiration Date: August 19, 2023**  
**Approval Date: December 23, 2020**



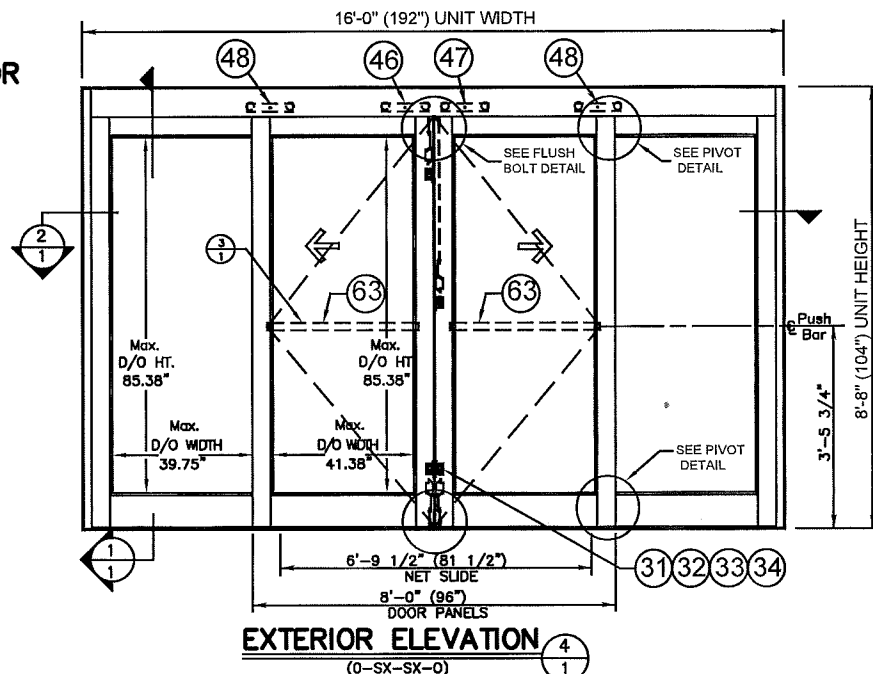
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0915.10  
Expiration Date 08/19/2023

By *Ismael L. Chanda*  
**Miami-Dade Product Control**  
SEE EDGE  
SHEET 4 and 5

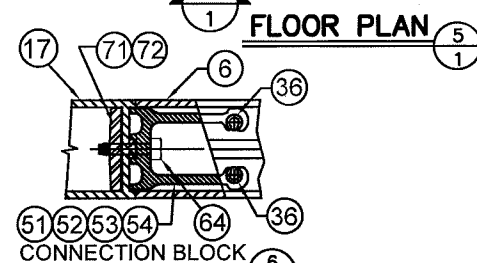


**VERTICAL SECTION**  
DOOR SHOWN IN OPEN POSITION

INTERIOR

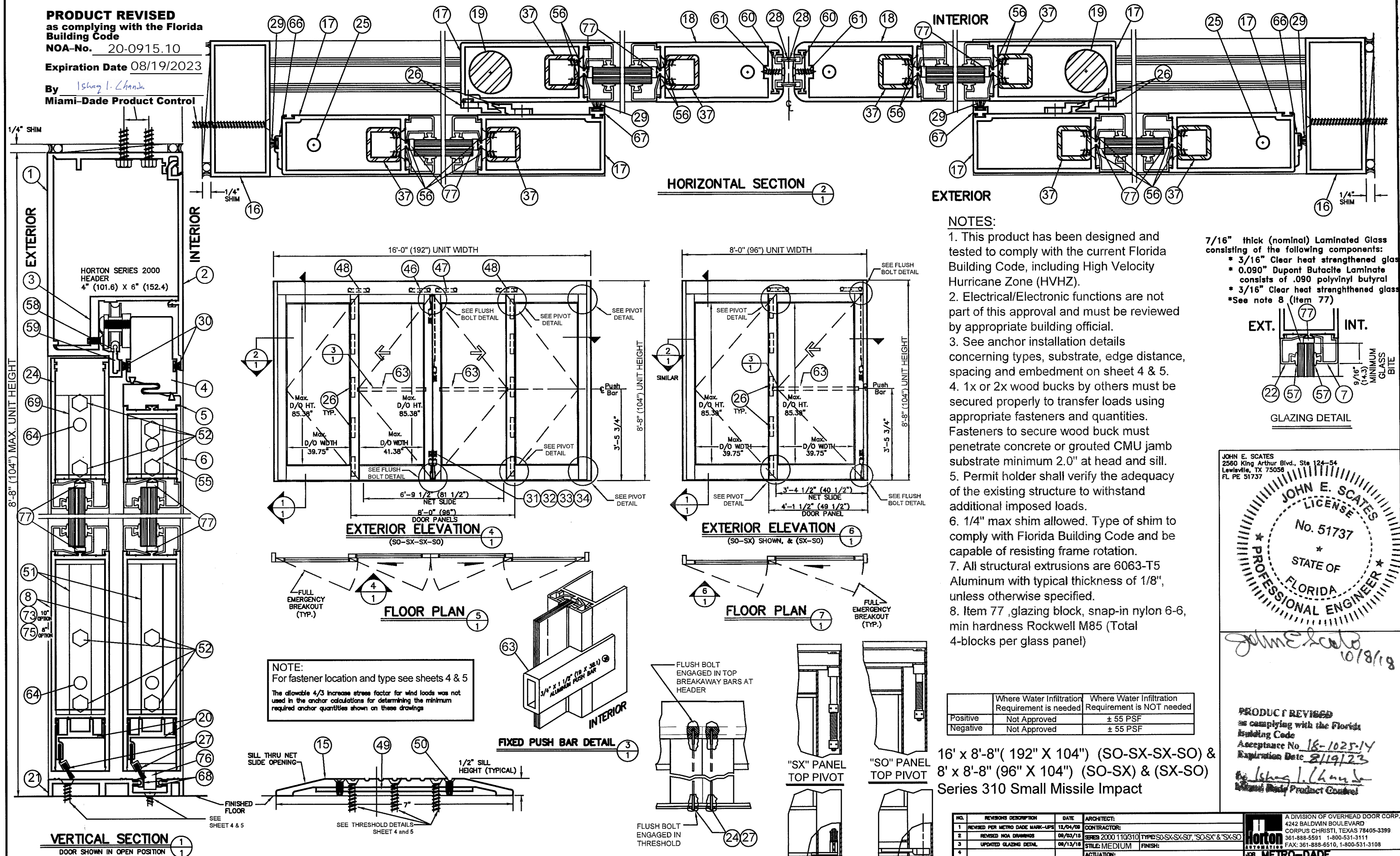


**EXTERIOR ELEVATION**  
(0-SX-SX-0)





**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0915.10  
Expiration Date 08/19/2023  
By Ishag I. Chande  
**Miami-Dade Product Control**



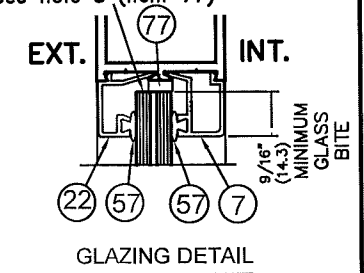
NOTES:

1. This product has been designed and tested to comply with the current Florida Building Code, including High Velocity Hurricane Zone (HVHZ).
2. Electrical/Electronic functions are not part of this approval and must be reviewed by appropriate building official.
3. See anchor installation details concerning types, substrate, edge distance, spacing and embedment on sheet 4 & 5.
4. 1x or 2x wood bucks by others must be secured properly to transfer loads using appropriate fasteners and quantities. Fasteners to secure wood buck must penetrate concrete or grouted CMU jamb substrate minimum 2.0" at head and sill.
5. Permit holder shall verify the adequacy of the existing structure to withstand additional imposed loads.
6. 1/4" max shim allowed. Type of shim to comply with Florida Building Code and be capable of resisting frame rotation.
7. All structural extrusions are 6063-T5 Aluminum with typical thickness of 1/8", unless otherwise specified.
8. Item 77 ,glazing block, snap-in nylon 6-6, min hardness Rockwell M85 (Total 4-blocks per glass panel)

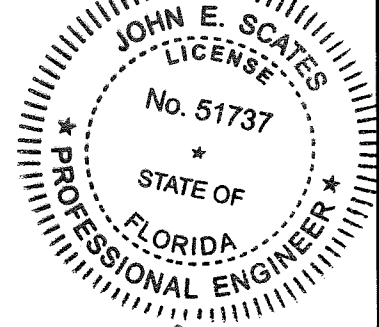
7/16" thick (nominal) Laminated Glass  
consisting of the following components:

- \* 3/16" Clear heat strengthened glass
- \* 0.090" Dupont Butacite Laminant  
consists of .090 polyvinyl butyral
- \* 3/16" Clear heat strengthened glass.

\*See note 8 (Item 77)



JOHN E. SCATES  
2560 King Arthur Blvd., Ste 124-54  
Lewisville, TX 75056  
FL PE 51737



John E. Lato  
10/8/18


PRODUCT REVIEWED  
as complying with the Florida  
Building Code  
Acceptance No. 18-1025-14  
Expiration Date 8/19/23  
By Isaac L. Lauer  
Florida State Product Control

	Where Water Infiltration Requirement is needed	Where Water Infiltration Requirement is NOT needed
Positive	Not Approved	± 55 PSF
Negative	Not Approved	± 55 PSF

16' x 8'-8" (192" X 104") (SO-SX-SX-SO) &  
8' x 8'-8" (96" X 104") (SO-SX) & (SX-SO)  
Series 310 Small Missile Impact

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	REVISED PER METRO DADE MARK-UPS	12/04/00	CONTRACTOR:
2	REVISED HMA DRAWINGS	06/03/15	SERIES 2000 110/310 TYPE: S0-SX-SX-S0, "S0-SX" & "SX-S0"
3	UPDATED GLAZING DETAIL	06/13/16	STYLE: MEDIUM FINISH:
4			ACTUATION:
5			
6			
7			
8			

Dwg. No. 040302-S



**Horton**  
INTERNATIONAL

A DIVISION OF OVERHEAD DOOR CORP.  
4242 BALDWIN BOULEVARD  
CORPUS CHRISTI, TEXAS 76405-3399  
361-888-5591 1-800-531-3111  
FAX: 361-888-6510, 1-800-531-3108

**JOB METRO-DADE**

**LOCATION:**

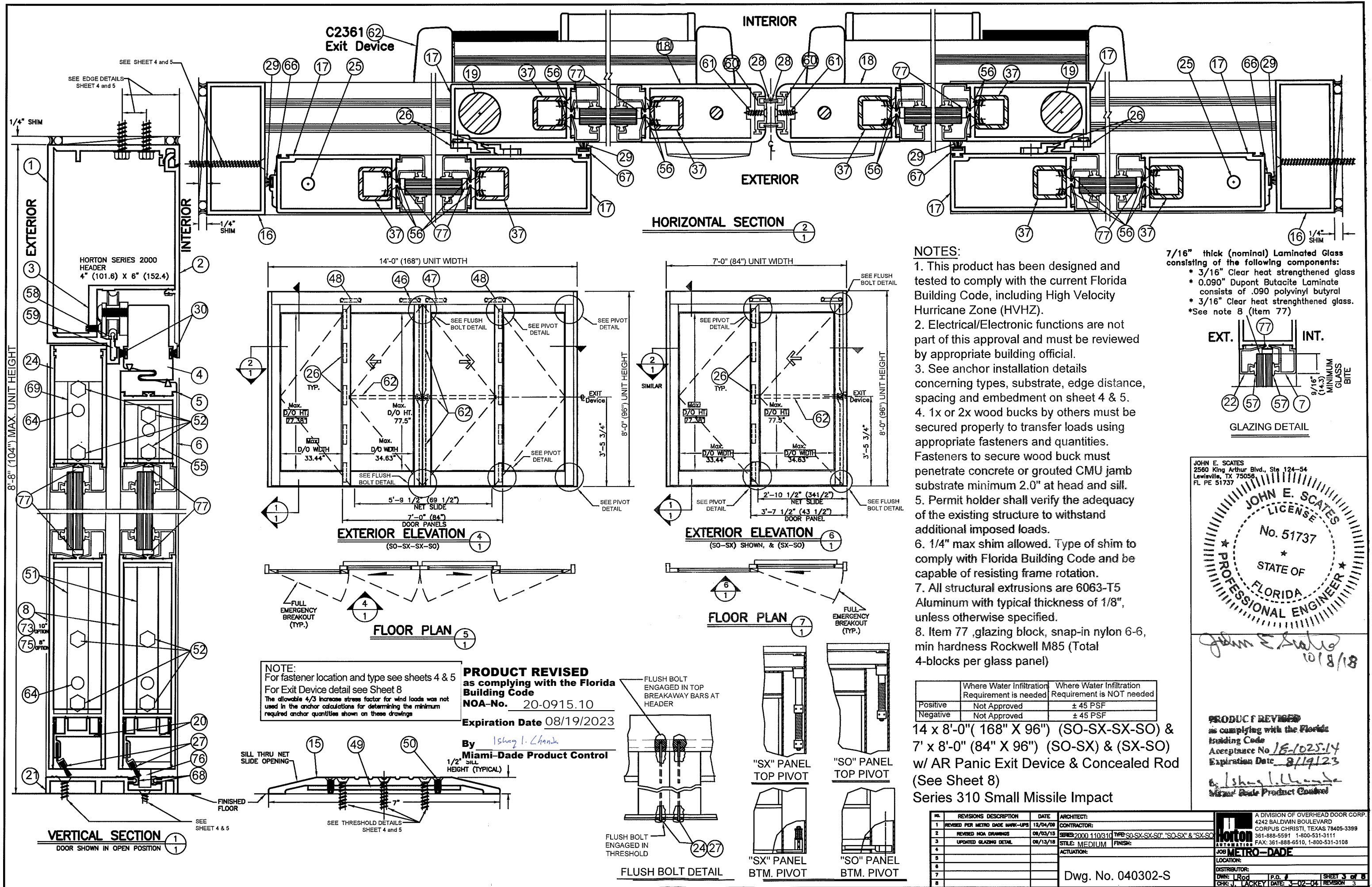
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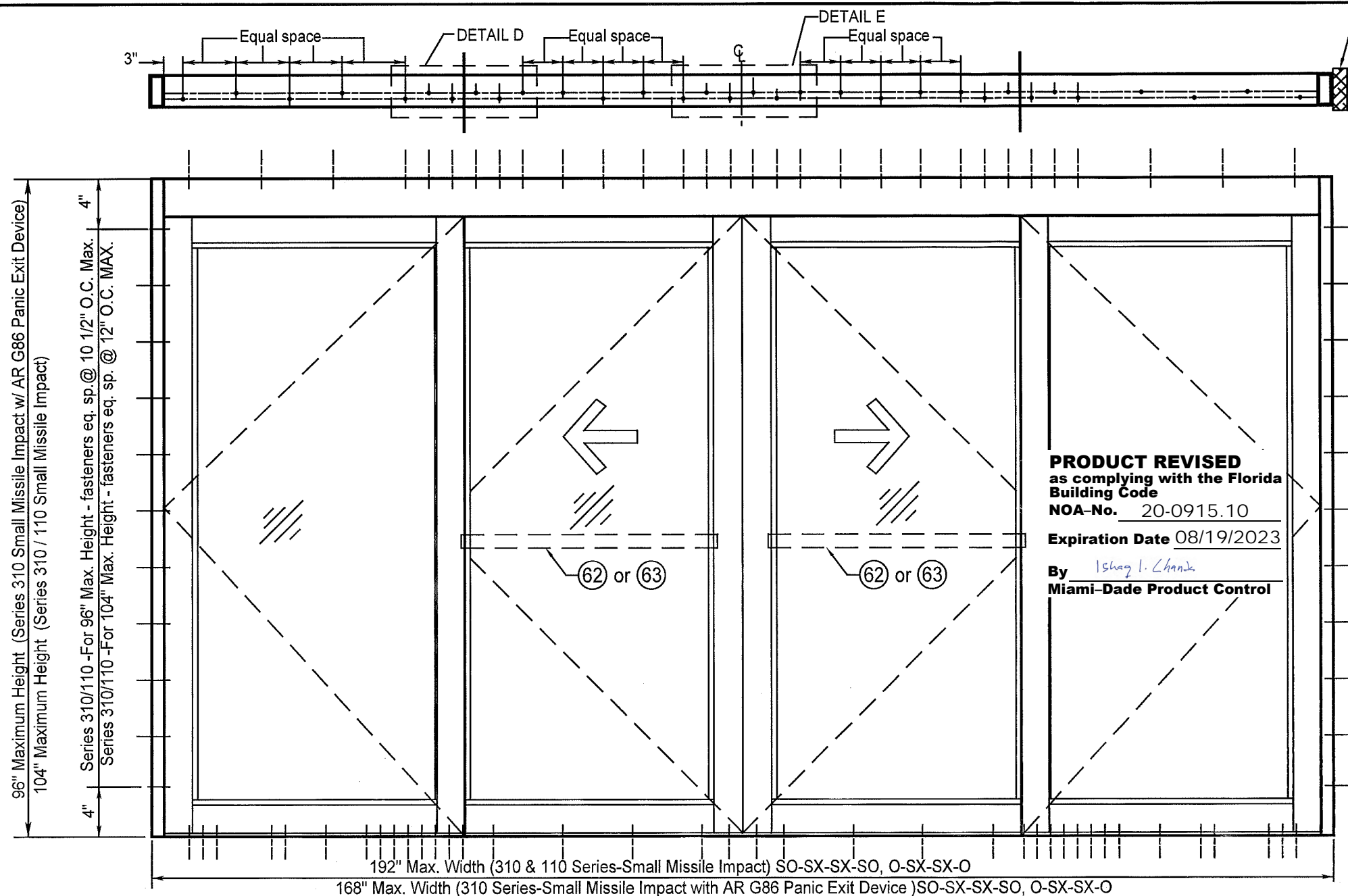
**DATE:** 1-02-04

**SHEET 2 of 3**

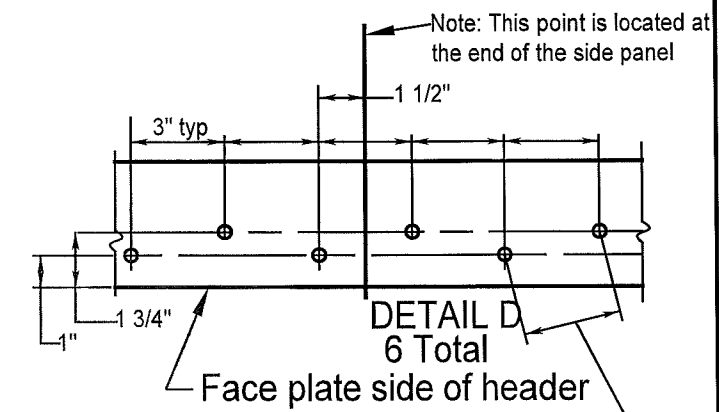
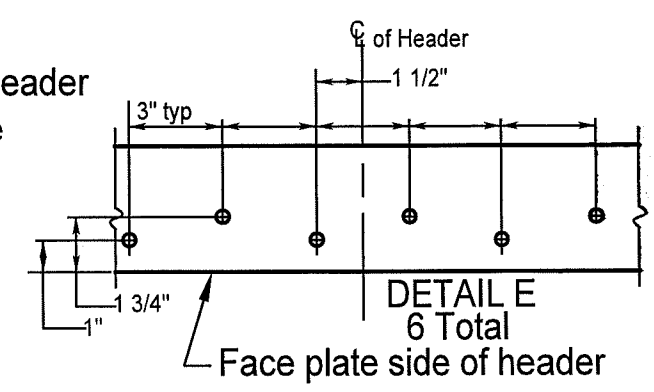
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For wood substrate jambs orient as shown here  
**TYPE 110 & 310 Header**  
(Refer to Faceplate Location)



The frame must be shimmed with a type of shim complying with the Florida Building Code and is capable of resisting the frame's rotation-1/4" thk. Max

The 4/3 increase stress factor for wind loads was not used in the anchor calculations.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-0915.10  
Expiration Date 08/19/2023  
By *Ishag I. Chanda*  
Miami-Dade Product Control

**HEADER**  
Steel (0.125" Thick, Fy=36 KSI)- INTERCORP  
#14 Steel HWH Self-Drilling Screw, 0.625" Min. Edge Distance (Full Thread Engagement)  
Aluminum(0.125" Thick Min./6063-T5)-  
1/4"-14 HWH Sheetmetal Screw, 1" Min. Edge Distance. (Full Thread Engagement)  
**JAMBS**  
Steel (0.125" Thick, Fy=36 KSI)- ITW TEKS  
SCREW #14-20, FH w/WINGS Self-Drilling Screw  
0.625" Minimum Edge Distance  
Concrete(3350 PSI)- Crete-Flex SS4 1/4" FH Concrete Screw/Anchor, 1.75" Embed, 2.5" Min. Edge Distance  
Masonry(Solid CMU Block)- Crete-Flex SS4 1/4" FH Concrete Screw/Anchor, 1.25" Embed, 2.5" Min. Edge Distance  
Aluminum(0.125" Thick Minimum/6063-T5)-  
1/4"-14 FH Sheetmetal Screw, 1" Min. Edge Distance.  
Wood(#2 SYP)-1/4" x 4" Long Lag Bolt  
2.75" Minimum Penetration, 1" Minimum Edge Distance (2) 2 X 8 W/ Min G = .55

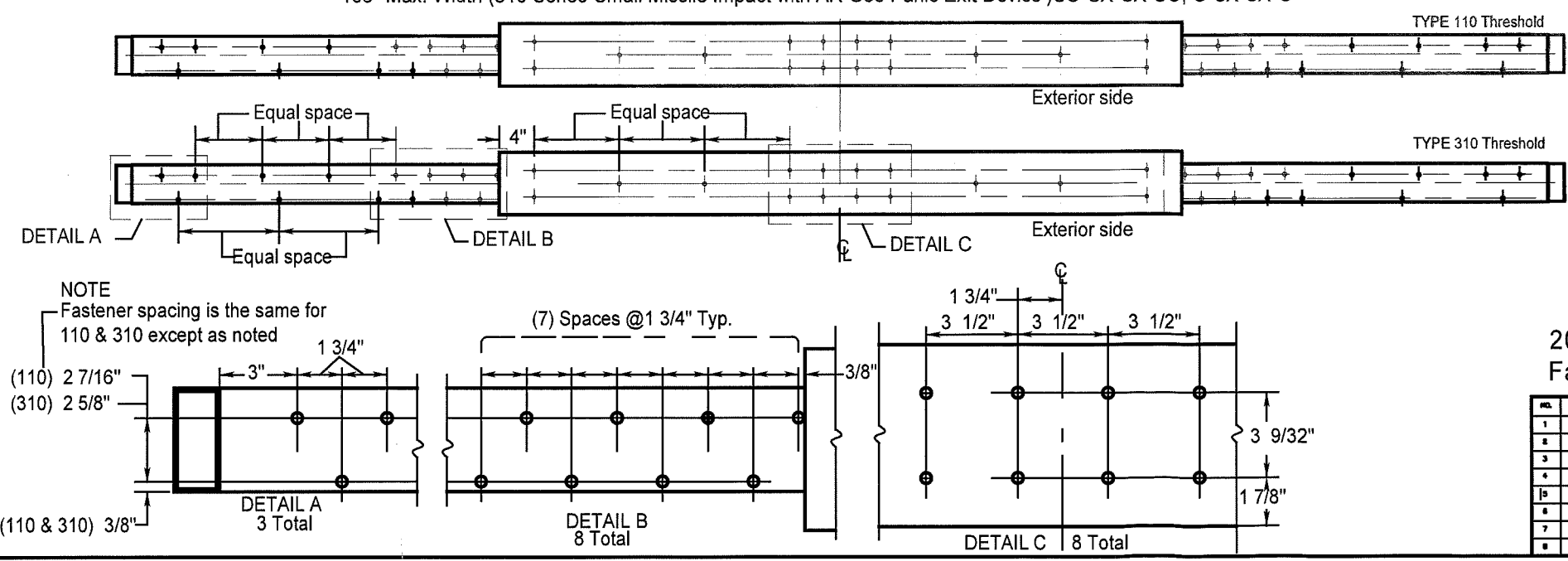
JOHN E. SCATES  
2560 King Arthur Blvd., Ste 124-54  
Lewisville, TX 75056  
FL PE 51737

JOHN E. SCATES  
LICENSE  
No. 51737  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

*John E. Scates 10/8/18*

**THRESHOLD**  
Steel (0.125" Thick, Fy=36 KSI)- ITW TEKS  
SCREW #14-20 PFH w/Wings Self-Drilling Screw,  
0.625" Minimum Edge Distance (Full Thread Engagement)  
Concrete(3350 PSI)- Crete-Flex SS4 FH 1/4" Concrete Screw 1.75" Embed, 2.5" Minimum Edge Distance  
Aluminum(0.125" Thick Minimum/6063-T5)-  
1/4"-14 FH Sheetmetal Screw, 1" Minimum Edge Distance (Full Thread Engagement)

2000 110 & 310 Bi-Parts Small Missile Impact Fastener Locations



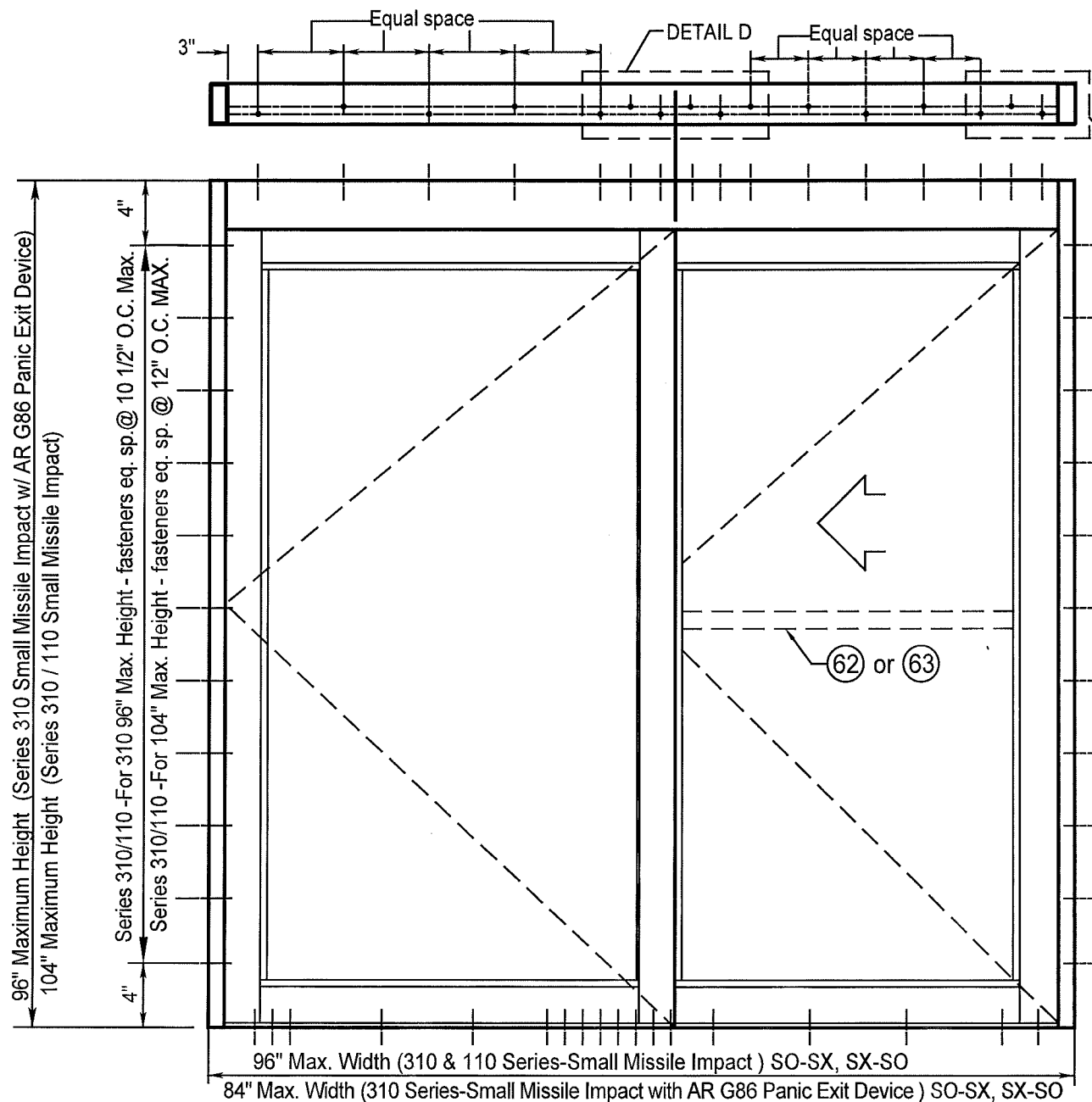
NOTE  
Fastener spacing is the same for 110 & 310 except as noted  
(110) 2 7/16"  
(310) 2 5/8"  
3/8"

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	REVISED PER METRO DADE	12/04/09	CONTRACTOR:
2	REVISED NOA DRAWINGS	08/03/15	SERIES: 2000-110/310 TYPE: "SO-SX-SX-SO", "O-SX-SX-O"
3	UPDATED GLAZING DETAIL	08/13/18	STYLE: MEDIUM FINISH:
4			ACTUATION:
5			
6			
7			
8			

Bi-Part Fastener Locations  
Dwg. No. 040302-S

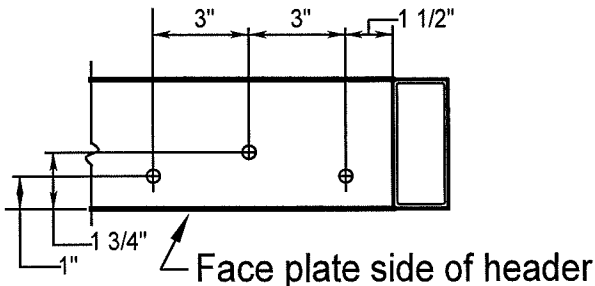
A DIVISION OF OVERHEAD DOOR CORP.  
 4242 BALDWIN BOULEVARD  
 CORPUS CHRISTI, TEXAS 78405-3399  
 361-888-5591 1-800-531-3111  
 FAX: 361-888-6510, 1-800-531-3108  
**Horton**  
 AUTOMATION  
 JOB METRO-DADE  
 LOCATION:  
 DISTRIBUTOR:  
 DWN: L Rod P.O. #  
 CHG: J. LACKEY DATE: 3-02-04 REVISION 3



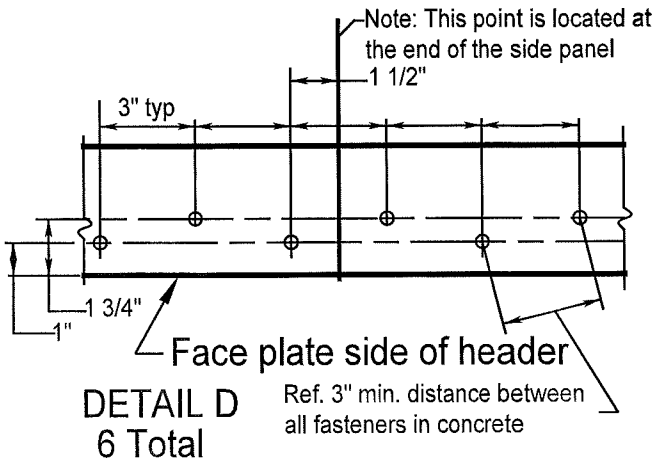


TYPE 110 & 310 Header  
(Refer to Faceplate Location)

**HEADER**  
Steel (0.125" Thick, Fy=36 KSI) - INTERCORP #14 Steel HWH Self-Drilling Screw, 0.625" Min. Edge Distance (Full Thread Engagement)  
Aluminum(0.125" Thick Min./6063-T5) - 1/4"-14 HWH Sheetmetal Screw, 1" Min. Edge Distance. (Full Thread Engagement)  
**JAMBS**  
Steel (0.125" Thick, Fy=36 KSI) - ITW TEKS SCREW #14-20, FH w/WINGS Self-Drilling Screw 0.625" Minimum Edge Distance  
Concrete(3350 PSI) - Crete-Flex SS4 1/4" FH Concrete Screw/Anchor, 1.75" Embed, 2.5" Min. Edge Distance  
Masonry(Solid CMU Block) - Crete-Flex SS4 1/4" FH Concrete Screw/Anchor, 1.25" Embed, 2.5" Min. Edge Distance  
Aluminum(0.125" Thick Minimum/6063-T5) - 1/4"-14 FH Sheetmetal Screw, 1" Min. Edge Distance.  
Wood(#2 SYP)-1/4" x 4" Long Lag Bolt 2.75" Minimum Penetration, 1" Minimum Edge Distance (2) 2 X 8 W/ Min G = .55  
**THRESHOLD**  
Steel (0.125" Thick, Fy=36 KSI)- ITW TEKS SCREW #14-20 PFH w/Wings Self-Drilling Screw, 0.625" Minimum Edge Distance (Full Thread Engagement)  
Concrete(3350 PSI)- Crete-Flex SS4 FH 1/4" Concrete Screw 1.75" Embed, 2.5" Minimum Edge Distance  
Aluminum(0.125" Thick Minimum/6063-T5) - 1/4"-14 FH Sheetmetal Screw, 1" Minimum Edge Distance (Full Thread Engagement)



DETAIL E  
6 Total



DETAIL D  
6 Total

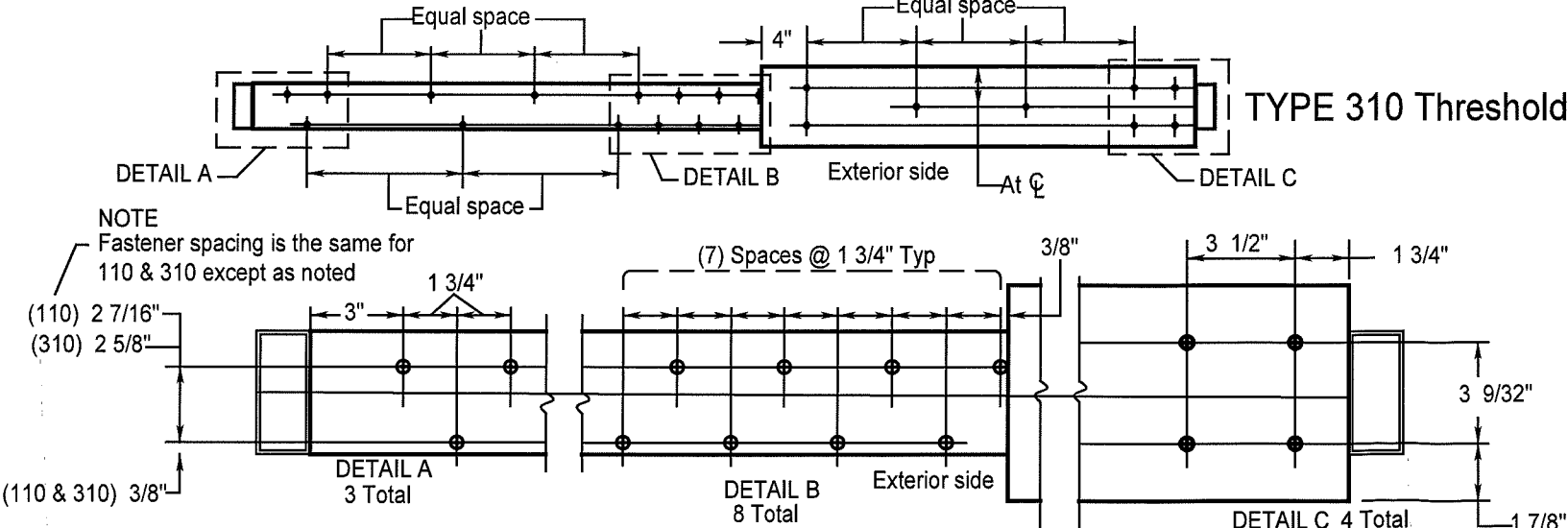
**PRODUCT REVISED**  
as complying with the Florida Building Code  
**NOA-No.** 20-0915.10  
**Expiration Date** 08/19/2023  
**By** Ishag L. Chandra  
**Miami-Dade Product Control**

The frame must be shimmed with a type of shim complying with the Florida Building Code and is capable of resisting the frame's rotation-1/4" thk. Max

The 4/3 increase stress factor for wind loads was not used in the anchor calculations.

TYPE 110 Threshold

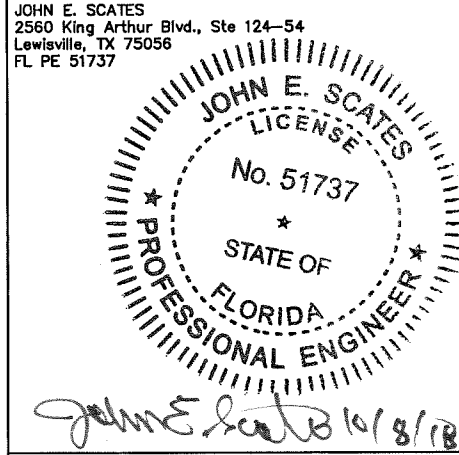
TYPE 310 Threshold



2000 110 & 310 Single Slide -Small Missile Impact  
FASTENER LOCATIONS

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	REVISED PER METRO DADE	12/04/09	CONTRACTOR:
2	REVISED FOR NOA	09/09/15	SERIES 2000 110/310 TYPE: SO-SX" & "SX-SO", O-SX" & "SX-O"
3	UPDATED GLAZING DETAIL	09/13/18	STYLE: MEDIUM FINISH:
4			ACTUATION:
5			
6			
7			
8			

Single Slide Fastener Locations  
Dwg. No. 040302-S



**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 18-1025-14  
Expiration Date 8/19/23  
Ishag L. Chandra  
Miami-Dade Product Control

<b>Horton</b> AUTOMATION	<b>JOB METRO-DADE</b>
<b>LOCATION:</b>	
<b>DISTRIBUTOR:</b>	
DWN: LRod P.O. #	SHEET 5 of 8
CHK: J. LACKEY DATE 3-02-04	REVISION 3

ITEM #	HORTON PART NUMBER	DESCRIPTION
1	C00265.000R	ALUMINUM EXTRUSION: HEADER
2	C00266.000R	ALUMINUM EXTRUSION:FACEPLATE
3	C00264.000R	ALUMINUM EXTRUSION:TRAY
4	C00314.000R	ALUMINUM EXTRUSION:INTERLOCK TOP
5	C00327.000R	ALUMINUM EXTRUSION:INTERLOCK LOWER
6	C00337.000R	ALUMINUM EXTRUSION:TOP RAIL
7	C00370.0001	ALUMINUM EXTRUSION:GLASS STOP
8	C00283.0000	ALUMINUM EXTRUSION:BOTTOM RAIL
9	C00315.0000	ALUMINUM EXTRUSION:TRACK FILLER
10	C00330.0001	ALUMINUM EXTRUSION: BOTTOM GUIDE
11	C00386.0001	ALUMINUM EXTRUSION: ADAPTOR
12	C00342.04FL	ALUMINUM EXTRUSION: BOTTOM RAIL
13	C02801.000AB	ALUMINUM EXTRUSION: HORIZONTAL RAIL
14	C02899.0002	ALUMINUM EXTRUSION: CORNER BLOCK (used as reinforcement)
15	C00390.0000	ALUMINUM EXTRUSION: THRESHOLD 7"
16	C00300.000AB	ALUMINUM EXTRUSION: JAMB TUBE 4" X 1-3/4"
17	C00323.0000	ALUMINUM EXTRUSION: VERTICAL RAIL
18	C00363.0000	ALUMINUM EXTRUSION: VERTICAL RAIL
19	C00818.000R	BAR TORSION (serves as slide panel top pivot)
20	C02798.0001	ALUMINUM EXTRUSION: ADAPTOR
21	C02873.0000	THRESHOLD
22	C00379.001ABC	GLASS STOP
23	C00338.000R	GLASS STOP
24	C00343.001R	ALUMINUM EXTRUSION; HORIZONTAL RAIL
25	C00589.0000	PIVOT
26	C00888.002AB	CLIP INTERLOCK
27	C00524.00FL	WEATHERSEAL BRUSH Felton #490621
28	C00350.0000	NOSING SEAL SCHLEGEL #1104-5101
29	C00397.0000	ADAPTOR FOR ITEM 67
30	C00293.0000	WEATHERSEAL BRUSH Schlegel #8430-5016-7
31	C00454.0000	LOCK, MAX SECURITY AR MS1850S
32	C00463.0000	THUMBTURN AR 4066
33	C00487.0000	EXIT INDICATOR AR 4089
34	C00883.0000	THRESHOLD BOLT AR 4015
35	C00843.01FL	BOTTOM GUIDE DOOR MOUNTED
36	C00844.01FL	BOTTOM GUIDE DOOR MOUNTED
37	C01987.0000	STEEL TUBE 1"x1"x1/8" A500 (FULL LENGTH PANEL STILES)
38	C00426.0001	5/16 SPACER
39	C00453.0000	#10 X 5/8 PHSMS
40	C00450.0000	#10 X 1-1/2 FHMS
41	C00437.0000	#10-24 X 1/2" FHMS
42	C00404.0000	1/4-20 LOCKNUT
43	C02899.0002	ALUMINUM EXTRUSION: CORNER BLOCK (used as reinforcement)
44	C00417.0000	#14 X 1-1/2 HWSMS
45	C07141.0000	#10-24 X 1" FHMS
46	C02130.01FL	DRIVE WHEEL ASSEMBLY
47	C00815.0RFL	WHEEL ASSEMBLY
48	C00817.00FL	IDLER WHEEL ASSEMBLY
49	C00448.0000	PLATE, 1/8" THICK ALUMINUM
50	C00437.0000	#10-24 X 1/2" FHMS

51	C00693.0003	CORNER BLOCK
52	C08150.0000	1/4-20 X 3/4 HHMB
53	C00536.0004	CORNER BLOCK
54	C09490.0001	CORNER BLOCK
55	C01044.0001	CORNER BLOCK
56	C00437.0000	#10-24 X 1/2" FHMS
57	C00341.0001	GLAZING BEAD
58	C00291.0001	TRACK CAP
59	C00380.0001	TRACK
60	C00358.000R	ALUMINUM EXTRUSION: ASTRAGAL
61	C00664.001AB	#8 X 3/4 FHSMS
62	C02361.0000	PANIC EXIT DEVICE ADAM'S RITE G86H W/ CONCEALED ROD
63	C00278.001ABC	FIXED PUSHBAR; ALUMINUM TUBE
64	C09719.0000	ALL THREAD 3/8-16
65	C00371.000R	WEATHERSTRIP; PANEL TO JAMB
66	C00398.0000	ALUMINUM EXTRUSION; MOHAIR ADAPTOR
67	C00389.00FL	INTERLOCK SEAL SHCLEGEL #7595-6011-0
68	C00289.0000	TRACK CAP
69	C00536.0003	CORNER BLOCK
70	C08141.0000	1/4-20 X 1" FHMS
71	C01046.0000	BACKUP PLATE
72	C00538.000R	BACKUP PLATE
73	C02966.0002/C06967.0002	ALUMINUM EXTRUSION; BOTTOM RAIL 10"
74	C00342.005AB	ALUMINUM EXTRUSION; BOTTOM RAIL 9"
75	C02797.000AB	ALUMINUM EXTRUSION; BOTTOM RAIL 8"
76	C00852.0004	BOTTOM GUIDE DOOR MOUNTED
77	C00552.0003	GLAZING BLOCK, SNAP-IN NYLON 6-6 MIN HARDNESS ROCKWELL M85

WEATHERSEALS:

C389-FL INTERLOCK SEAL            SCHLEGEL CORP. FINSEAL #7595-6011-0  
C350    NOSING SEAL                SCHLEGEL CORP. SKIRTING SEAL#1104-5101  
C524-FL SLIDE PANEL BOTTOM SEAL FELTON NYLON BRISTLE #490621  
C293    SLIDE PANEL TOP SEAL    SCHLEGEL                        #8430-5016-7

HARDWARE:

C454        MAX SECURITY LOCK                ADAMS-RITE #MS1850S-250-628  
C463        THUMBTURN                            ADAMS-RITE #4066  
C487        EXIT INDICATOR                        ADAMS-RITE #4089  
C883        THRESHOLD BOLT                        ADAMS-RITE #4015  
C815-RFL, C817-FL, C2130-1FL                SLIDE TOP ROLLER ASSEMBLIES  
C843-1FL & C844-1FL BOTTOM GUIDES

**PRODUCT REVISED**  
as complying with the Florida  
Building Code

NOA-No. 20-0915.10

Expiration Date 08/19/2023

By Ishag I. Chande  
Miami-Dade Product Control

Series 310 / 110 Small Missile Impact

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:	
1	REVISED PER METRO DICE MARK-UPS	12/04/09	CONTRACTOR:	
2	REVISED NOA DRAWINGS	09/02/15	SERIES:	TYPE:
3	UPDATED GLAZING DETAIL	09/13/15	STILE: MEDIUM	FINISH:
4			ACTUATION:	
5			Bill of materials Dwg. No. 040302-S	
6				
7				
8				

JOHN E. SCATES  
2560 King Arthur Blvd., Ste 124-54  
Lewisville, TX 75056  
FL PE 51737

**JOHN E. SCATES**  
LICENSE  
No. 51737  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

*John E. Scates*  
10/8/18

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 18-1025.14  
Expiration Date 8/19/23

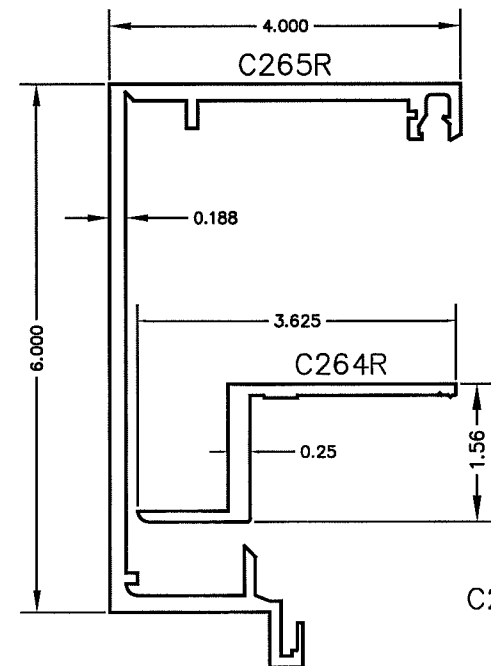
*John E. Scates*  
Miami-Dade Product Control

A DIVISION OF OVERHEAD DOOR CORP.  
4242 BALDWIN BOULEVARD  
CORPUS CHRISTI, TEXAS 78405-3399  
361-888-5591 1-800-531-3111  
FAX: 361-888-6510, 1-800-531-3108

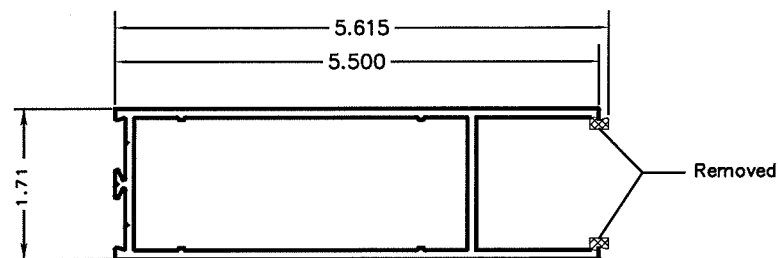
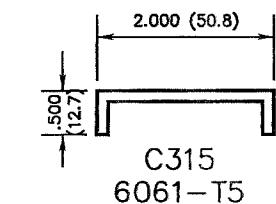
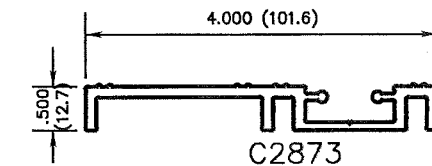
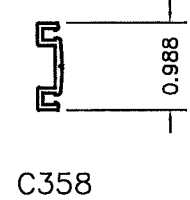
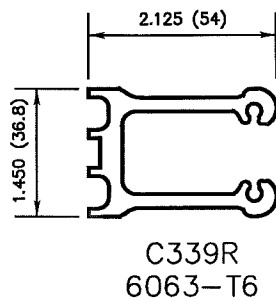
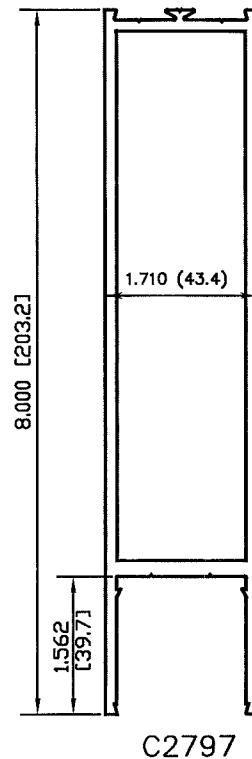
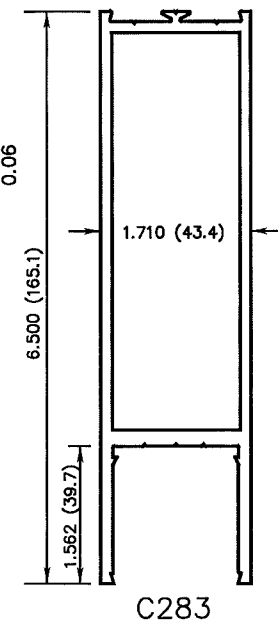
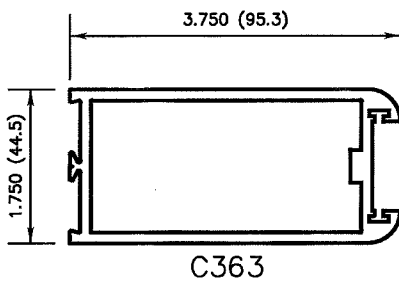
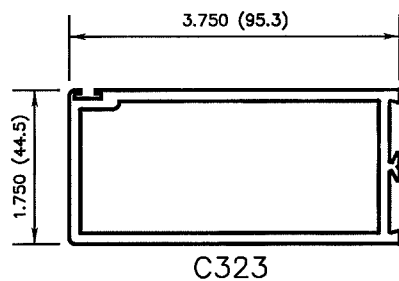
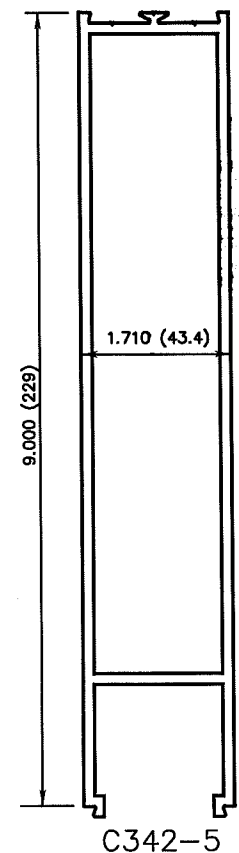
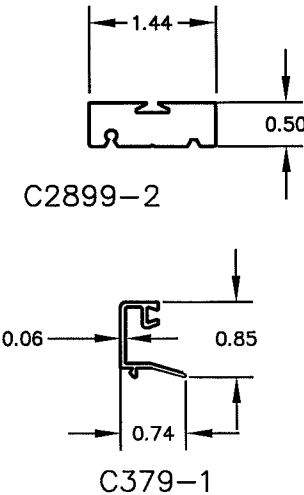
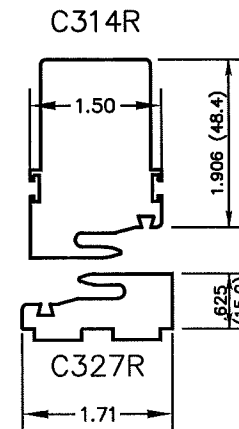
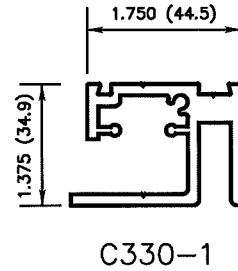
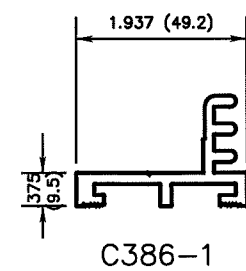
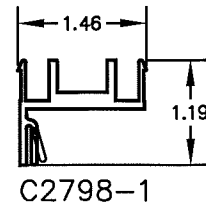
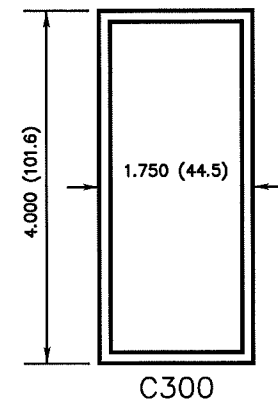
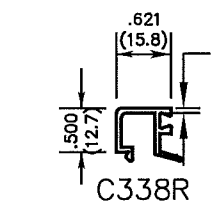
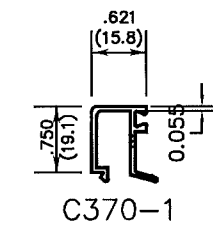
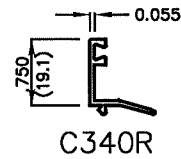
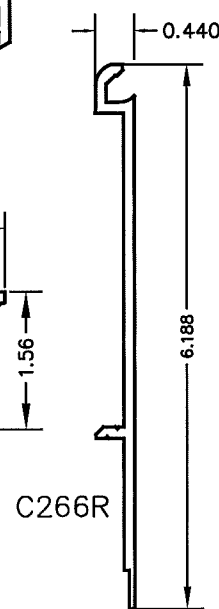
**Horton**  
AUTOMATIC  
JOB **METRO-DADE**

LOCATION:  
DISTRIBUTOR:  
DWN: LRod P.O. # SHEET **6** of **6**  
CHK: J. LACKEY DATE 3-02-04 REVISION 3

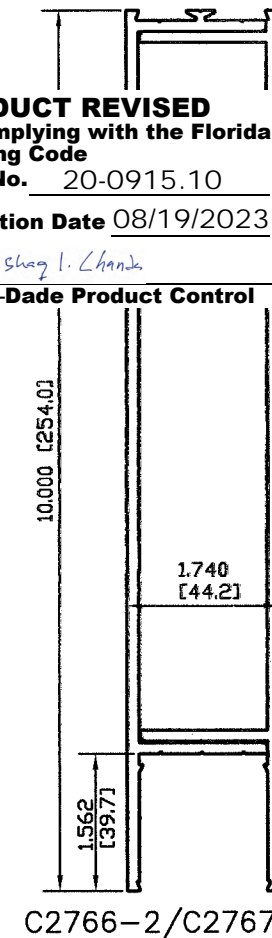
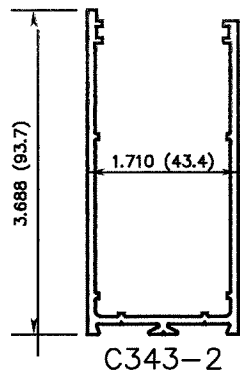
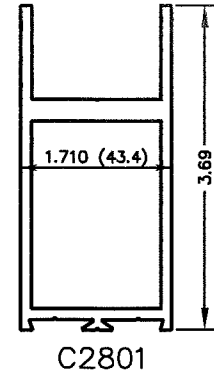
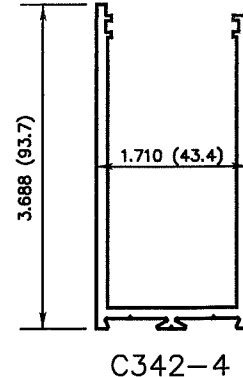
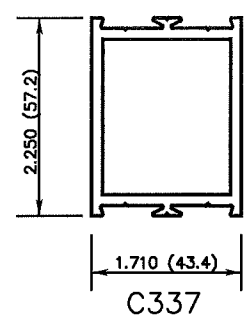




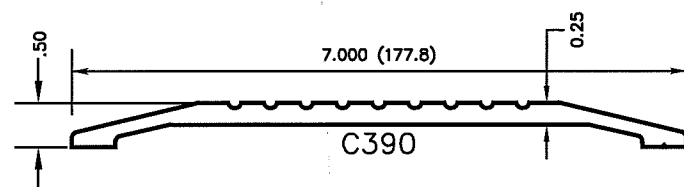
4" X 6"  
(101.6) (152.4)  
ASSEMBLED



NOTE: For C342-4FL  
This rail is ripped



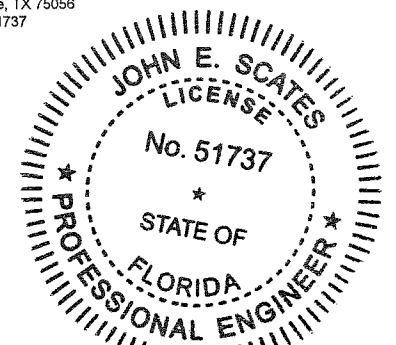
Series 310 & 110 Small Missile Impact



ALL EXTRUSIONS ARE 6063-T5 UNLESS  
OTHERWISE NOTED & t min=1/8"

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0915.10  
Expiration Date 08/19/2023  
By *Ishag I. Chande*  
Miami-Dade Product Control

JOHN E. SCATES  
2560 King Arthur Blvd., Ste 124-54  
Lewisville, TX 75056  
FL PE 51737



*John E. Scates 10/8/18*

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 18-1025.14  
Expiration Date 8/19/23  
By *Ishag I. Chande*  
Miami-Dade Product Control

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	REVISED PER METRO DADE MARK-UPS	12/04/09	CONTRACTOR:
2	REVISED NOA DRAWINGS	09/02/15	SERIES: 2001-310/110 TYPE:
3	UPDATED GLAZING DETAIL	09/13/18	STYLE: MEDIUM FINISH:
4			ACTUATION:
5			
6			
7			
8			

Extrusion chart  
Dwg. No. 040302-S

A DIVISION OF OVERHEAD DOOR CORP. 4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399 361-888-5591 1-800-531-3111 AUTOMATIC FAX: 361-888-6510, 1-800-531-3108			
Horton			
JOB METRO-DADE			
LOCATION:			
DISTRIBUTOR:			
DWN: L Rod	P.O. #	SHEET 7 of 8	
CHK: J. LACEY	DATE 3-02-04	REVISION 3	



