



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

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 "310" (So-Sx-Sx-So) and (So-Sx) Aluminum Automatic Sliding Door (Steel Reinforced) w/ Full Emergency Breakout-LMI

APPROVAL DOCUMENT: Drawing No. **021913 Rev 11**, titled "Series 310 Impact Slide", sheets 1 through 7 of 7, prepared by manufacturer, dated 07/05/12 and last revised on 10/08/18, 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: Large and Small Missile Impact Resistant

Limitations:

1. See Design Pressure (DP) in sheet **1**. Bi-parting Sliding doors (**So-Sx-Sx-So**) are rated to DP= +/-**85** PSF and **Single** Slide doors (**So-Sx**) are limited to DP= +/- **70** PSF. Locking options can be w/ 3-point locking (detail in sheet **5**) or **AR G-86** panic device w/ concealed vertical rods (details in sheet **7**). See glazing details in sheet **2**.
2. Not approved where water infiltration is required, unless protected by overhang complying w/FBC requirements.
3. See full breakout detail sheet **1**. See sheet **2** for max DLO for Muntin options.
4. Electrical/ Electronic functions are not part of this approval and to be reviewed by appropriate Bldg. official

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 #18-1025.11**, 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. 20-0915.07
Expiration Date: **October 10, 2023**
Approval Date: **December 23, 2020**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections (Submitted under files below).
2. Drawing No. **021913 Rev 10**, titled "Series 310 Impact Slide", sheets 1 through 7 of 7, prepared by manufacturer, dated 07/05/12 and last revised on 09/11/15, signed and sealed by John E. Scates, P.E.

B. TESTS (Submitted under files # 14-0408.04/#13-0321.12)

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) 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 installation diagram of an aluminum automatic sliding glass doors So-Sx-Sx-So and So-Sx, prepared by Architectural Testing, Test Report No. **B-3974-450-18**, dated 02/07/13 and revised on 07/17/2013 by an addendum letter, signed and sealed by Vinu Abraham, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis complying w/ FBC 2014 (5th edition), dated 09/11/15, prepared, signed and sealed by John E. Scates, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **12-1231.08** issued to Eastman Chemical Co. (MA) former Solutia, Inc. for their "**Saflex-CP Saflex HP Composite Glass ® interlayer w/ PET core**", expiring on 12/11/2018.
2. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Sentry Glass ® (Clear and White) Glass Interlayers**", expiring on 07/04/18.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(5th Edition) & "No financial interest", dated SEP 11, 2015, signed & sealed by John E. Scates, P.E.
2. Addendum letter dated 07-17-13, issued by Architectural 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 #14-0408.04**, expiring 10/10/23.
2. Test proposal # 11-128-R dated January 20th, 2012, approved by RER.

2. Evidence submitted under previous approvals (#17-0828.05)

A. DRAWINGS

1. None.

B. TESTS

1. None.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 20-0915.07

Expiration Date: October 10, 2023

Approval Date: December 23, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous approvals (#17-0828.05) 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. **12-1231.08** issued to Eastman Chemical Co. (MA) former Solutia, Inc. for their “**Saflex-CP Saflex HP Composite Glass ® interlayer w/ PET core**”, expiring on 12/11/2018.
2. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the “**Sentry Glass ® (Clear and White) Glass Interlayers**”, expiring on 07/04/18.

F. STATEMENTS

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

G. OTHER

1. This NOA revises NOA # **15-0922.12**, expiring 10/10/2023.

3. New Evidence submitted

A. DRAWINGS

1. Drawing No. **021913 Rev 11**, titled “Series 310 Impact Slide”, sheets 1 through 7 of 7, prepared by manufacturer, dated 07/05/12 and last revised on 10/08/18, 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. **18-0301.06** issued to Eastman Chemical Co. (MA) former Solutia, Inc. for their “**Saflex-CP Saflex HP Composite Glass ® interlayer w/ PET core**”, expiring on 12/11/2023.
2. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the “**Sentry Glass ® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.

F. STATEMENTS (submitted under #17-0828.05)

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

G. OTHER

1. This NOA revises NOA # **17-0828.05**, expiring 10/10/2023.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0915.07
Expiration Date: October 10, 2023
Approval Date: December 23, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New Evidence submitted

A. DRAWINGS

1. Drawing No. **021913 Rev 11**, titled “Series 310 Impact Slide”, sheets 1 through 7 of 7, prepared by manufacturer, dated 07/05/12 and last revised on 10/08/18, 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. **18-0301.06** issued to Eastman Chemical Co. (MA) former Solutia, Inc. for their “**Saflex-CP Saflex HP Composite Glass ® interlayer w/ PET core**”, expiring on 12/11/2023.
2. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** (Former E.I. DuPont DE Nemours & Co., Inc. for the “**Sentry Glass ® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.

F. STATEMENTS

1. Statement letters of conformance to FBC 2020(7th 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 # **18-1025.11**, expiring 10/10/2023.

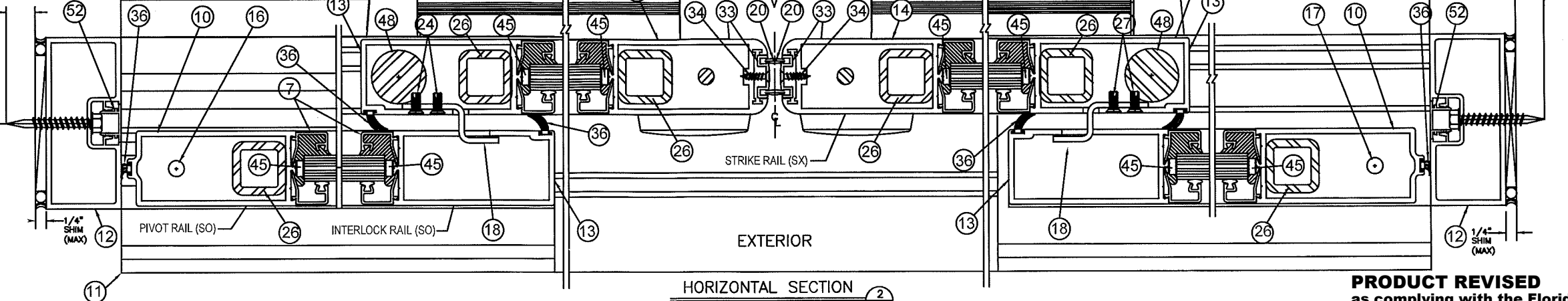
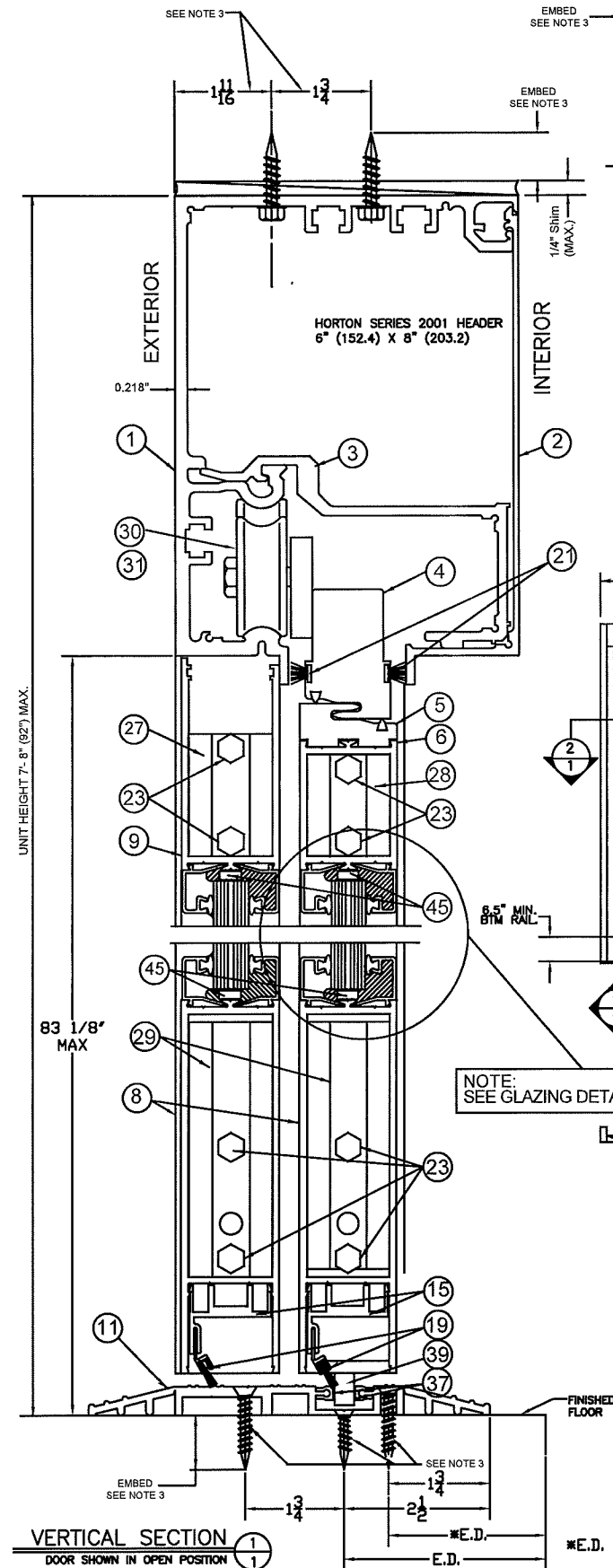
Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0915.07
Expiration Date: October 10, 2023
Approval Date: December 23, 2020

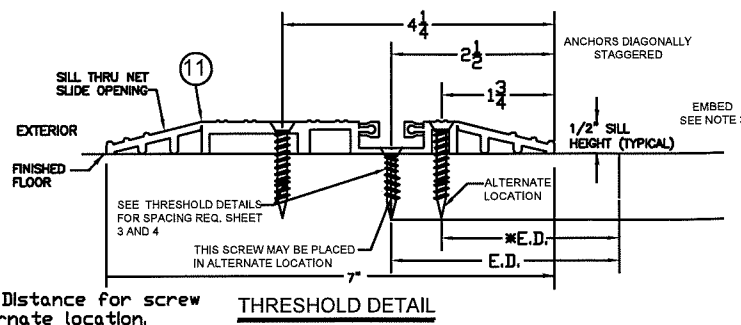
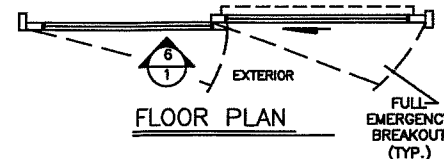
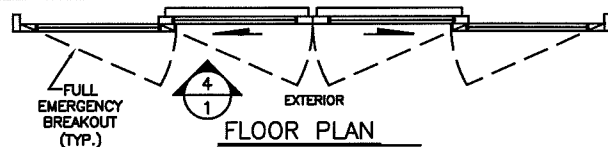
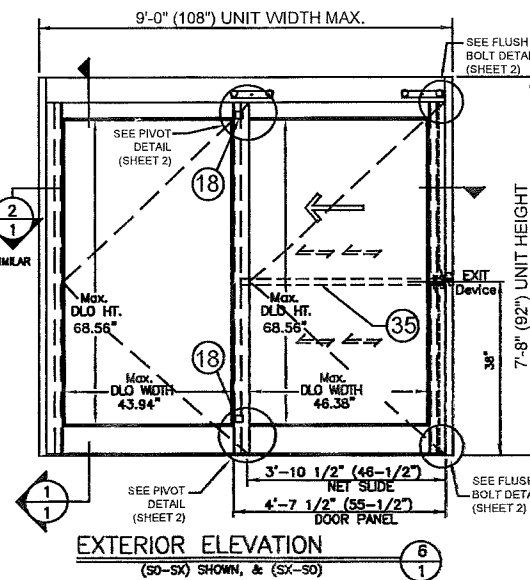
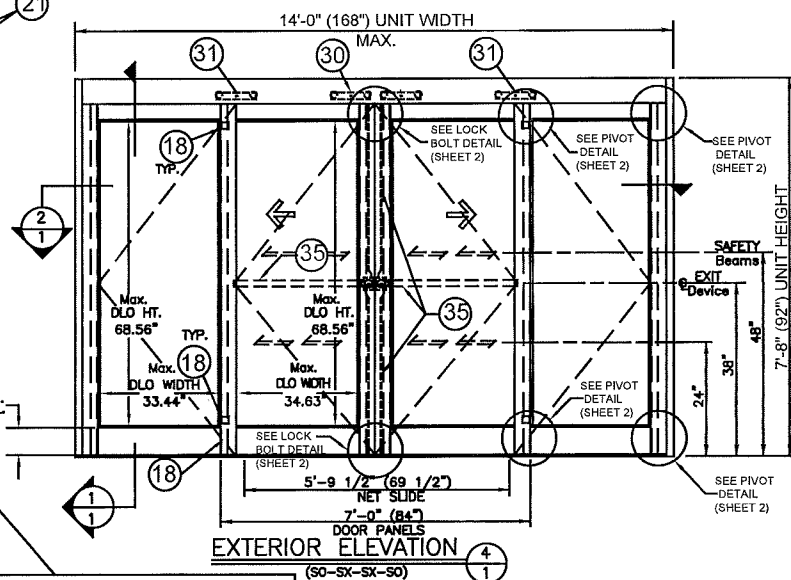
NOTE:
For fastener location and type see sheets 3 & 4
The 1.6 wind load allowance was used
in the wood anchor calculations

Locking Mechanism : 3point Locking Device Standard (40 41 42 43 44)
optional: G-86 Panic Exit Device (Shown)
(see sheet 5)

INTERIOR
Jamb (Items #12 & #52) to be located here on single slide units.



Available Unit Sizes:
9'-0\"/>



14' x 7'-8" (168" X 92") (SO-SX-SX-SO) &
9' x 7'-8" (108" X 92") (SO-SX) or (SX-SO)
W/ AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 7)
3 - Point Lock Option
(See Sheet 5)

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 sheets 3 & 4.
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 45, glazing block, snap-in nylon 6-6, min hardness Rockwell M85 (Total 4-blocks per glass panel)

Bi - Parting Slide Doors	
Where Water Infiltration Requirement is needed	Where Water Infiltration Requirement is NOT needed
Not Approved	± 85 PSF

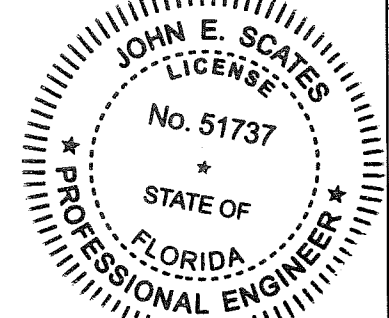
Single Slide Doors	
Where Water Infiltration Requirement is needed	Where Water Infiltration Requirement is NOT needed
Not Approved	± 70 PSF

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0915.07

Expiration Date 10/10/2023

By *Ismael I. Chanda*
Miami-Dade Product Control

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



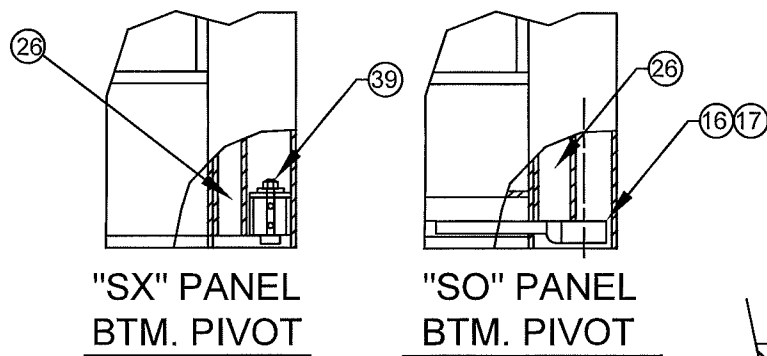
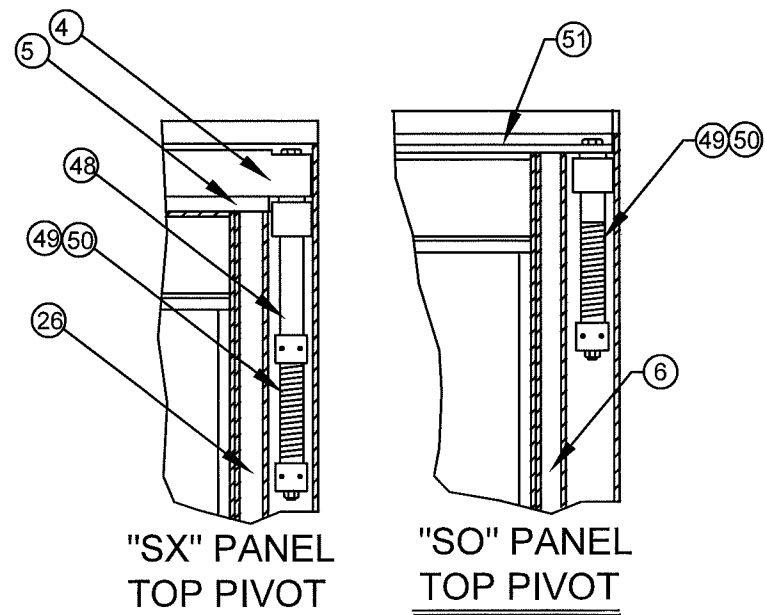
John E. Scates
10/8/18

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. *18-1025-11*
Expiration Date *OCT 10, 2023*
Ismael I. Chanda
Miami-Dade Product Control

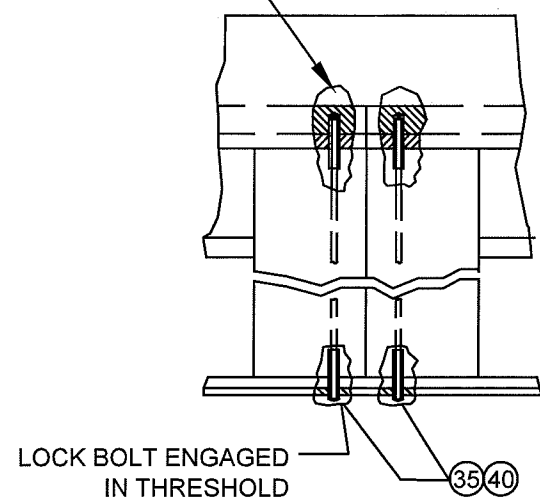
NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
4	Updated Drawings EDO 16395	04/26/13	CONTRACTOR:
5	Updated Drawings EDO 16488	07/18/13	SERIES 310 TYPE: SO-SX-SX-SO, "SO-SX" & "SX-SO"
6	Updated Drawings EDO 16509	08/08/13	STYLE: MEDIUM FINISH:
7	Updated Drawings EDO 16535	08/23/13	ACTUATION:
8	Updated Drawings EDO 16572	09/30/13	3-13-14
9	Updated Drawings EDO 16731	09-08-13	
10	Revised for NOA	09-08-13	
11	UPDATED GLAZING DETAIL	09-08-18	

Bi Part Section Details
Dwg. No. 021913

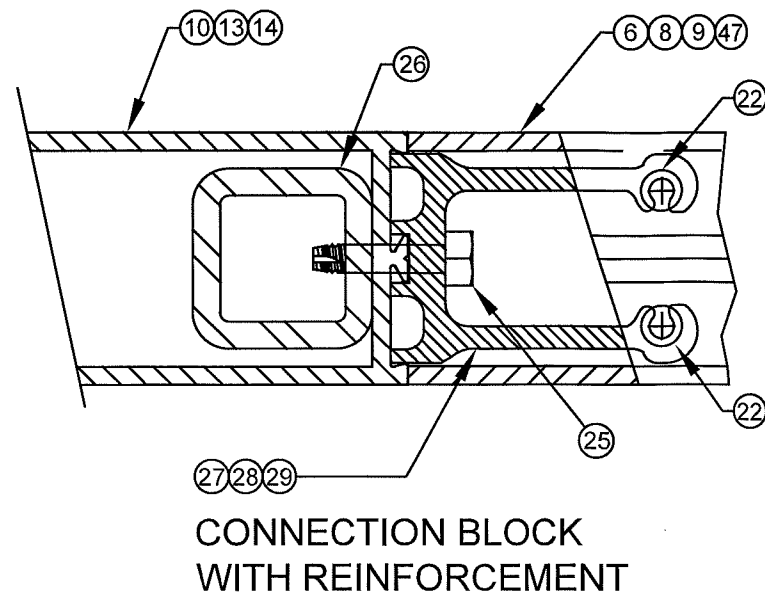
A DIVISION OF OVERHEAD DOOR CORP.			
CONTRACTOR:			
4242 BALDWIN BOULEVARD			
CORPUS CHRISTI, TEXAS 78405-3399			
361-888-5591 1-800-531-3111			
FAX: 361-888-6510, 1-800-531-3108			
JOB METRO-DADE			
LOCATION:			
DISTRIBUTOR:			
DWN: MJ	P.O. #	1 of 7	
CHK: C.MANDELL	DATE 7-5-12	REVISION	11



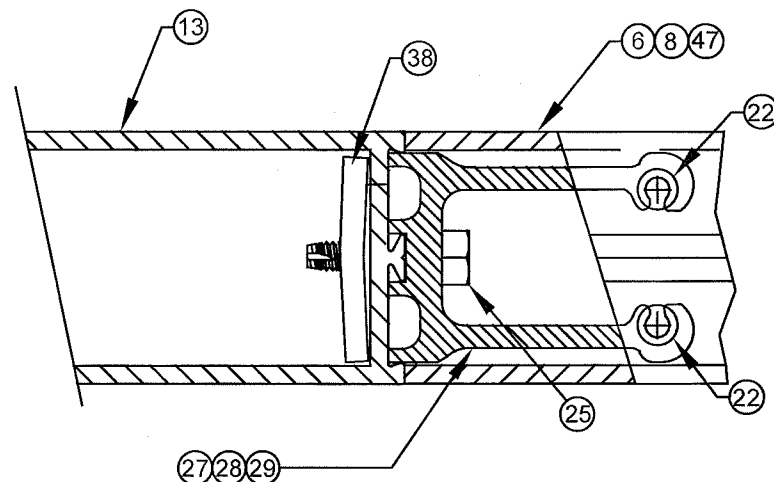
LOCK BOLT ENGAGED
IN TOP BREAKAWAY
BARS AT HEADER



LOCK BOLT DETAIL
G-86 & 3-POINT LOCK



STRIKE RAIL (SX)
INTERLOCK RAIL (SX)
PIVOT RAIL (SO)



INTERLOCK RAIL (SO) ONLY

WEATHERSEALS:
C715 INTERLOCK SEAL
C350 NOSING SEAL
C524-FL SIDE PANEL BOTTOM SEAL

HARDWARE:
C883 THRESHOLD/HEADER BOLT
C815-RFL, C817-FL, C2130-1FL
C852-4 BOTTOM GUIDES

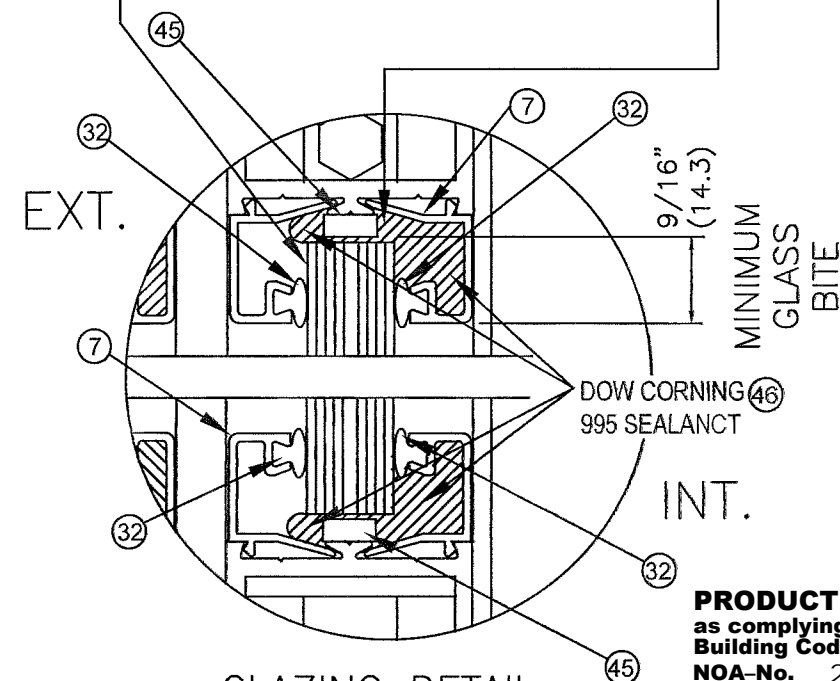
SCHLEGEL CORP. FINSEAL #7595-6011-0
SCHLEGEL CORP. SKIRTING SEAL #1104-5101
FELTON NYLON BRISTLE #490621

ADAMS-RITE #4015
SIDE TOP ROLLER ASSEMBLIES

* 9/16" thick (nominal) Laminated Glass consisting of the following components:
* Saflex CP: Composite glass interlay w/ PET core by Eastman Chemical Co. (MA)

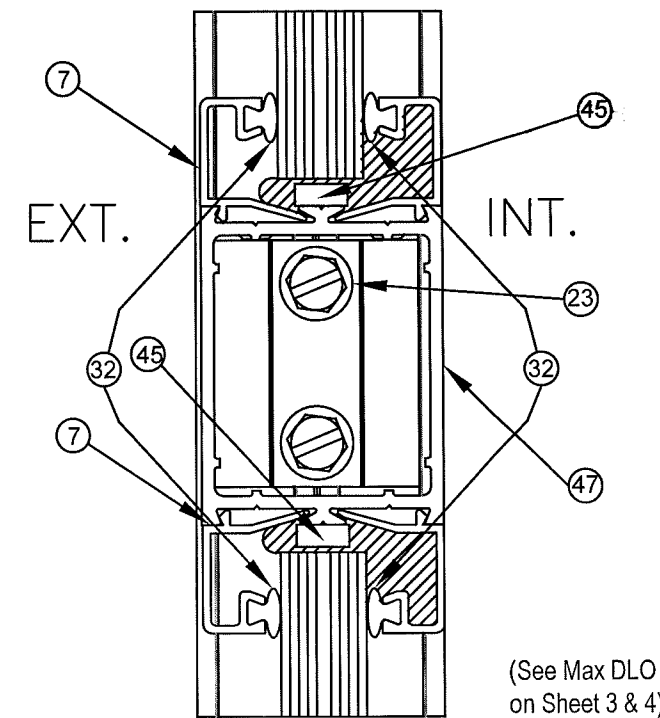
OR .090" Sentry Glass interlayer by Dupont
* 1/4" heat strengthened glass
* Dow Corning #995 Sealant

* Interior wet glazed with Dow Corning 995
* Exterior side snap-in glazing bead with vinyl wedge
* Minimum glass bite 9/16"
* See note 8 on pg 1 (Item 45)



GLAZING DETAIL

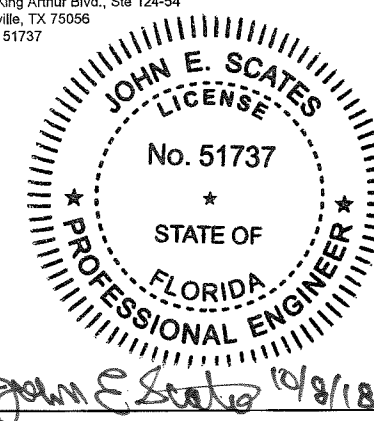
SANTOPRENE GASKET (ITEM 32) MIN 67
SHORE A DUROMETER FROM CENTRAL
PLASTICS INC.



MUNTIN OPTION

(See Max DLO
on Sheet 3 & 4)

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



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0915.07

Expiration Date 10/10/2023

By *Isaac I. Chandra*
Miami-Dade Product Control

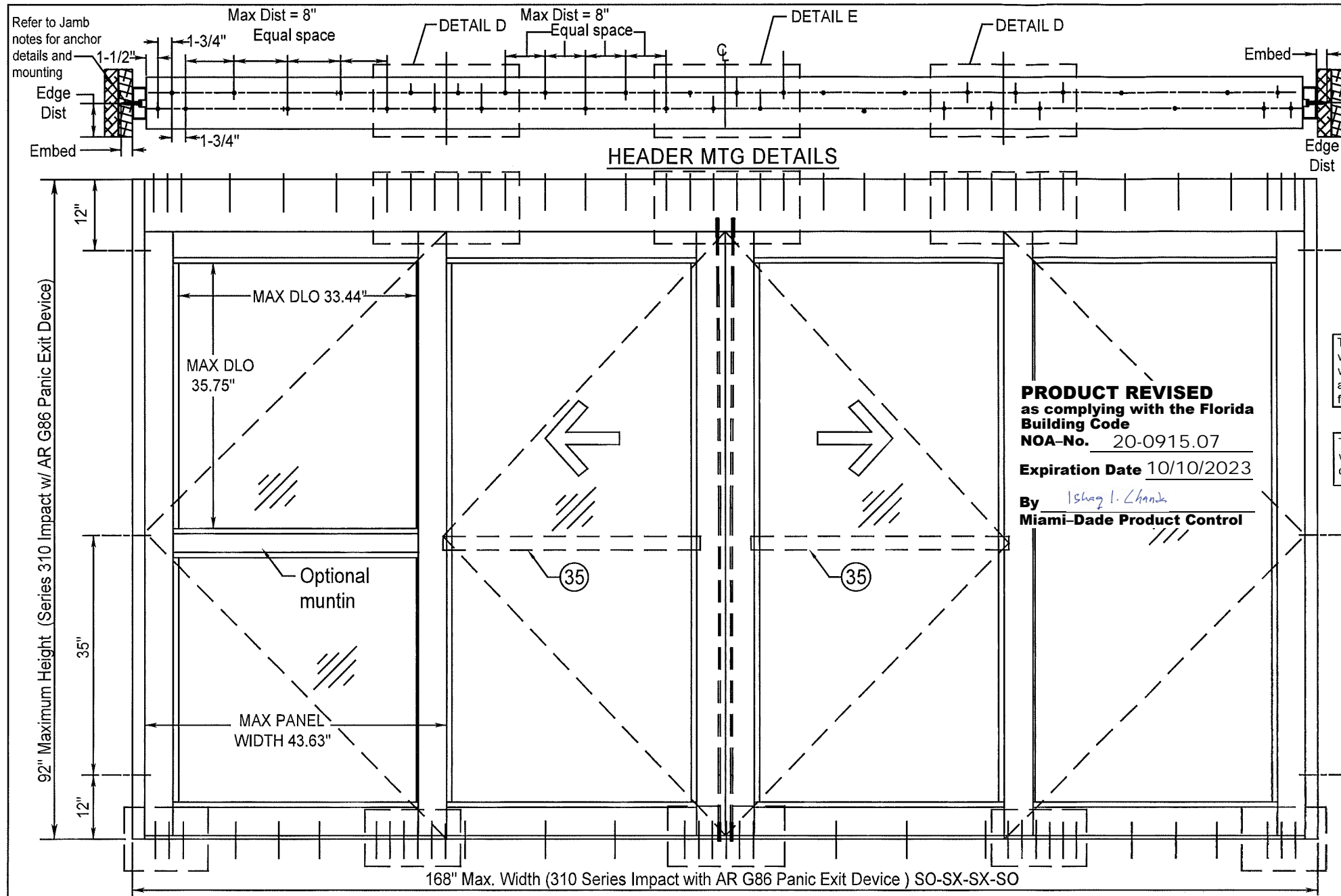
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-1025.11
Expiration Date 10/10/23
Isaac I. Chandra
Miami-Dade Product Control

Series 310 Impact Slide

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
4	Updated Dwg EDO 16365	04/29/13	CONTRACTOR:
5	Updated Drawings EDO 16488	07/18/13	SERIES: 310 TYPE:
6	Updated Drawings EDO 16608	08/6/13	STYLE: MEDIUM FINISH:
7	Updated Drawings EDO 16635	08/23/13	ACTUATION:
8	Updated Drawings EDO 16672	09/30/13	
9	Updated Drawings EDO 16672	03-13-14	
10	Revised for NOA	09-09-15	
11	Updated Glazing Detail	09-08-18	

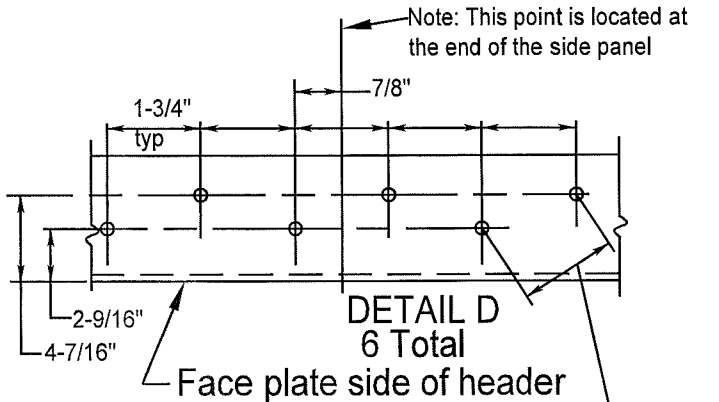
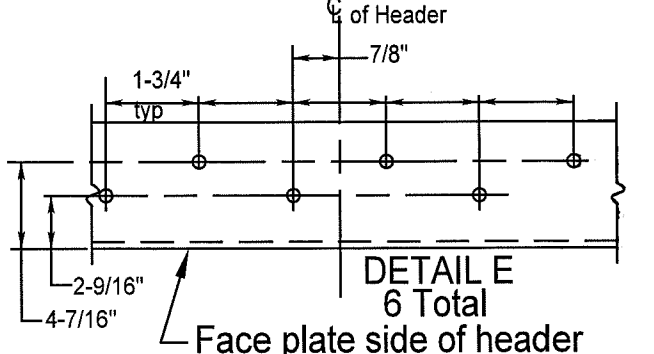
Misc. Details
Dwg. No. 021913

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	
LOCATION:	METRO-DADE
JOB:	
DISTRIBUTOR:	
DWN: MJ	P.O. #
CHK: CMANDELL	DATE 7-8-12
SHEET 2 of 7	REVISION 11



For 2(x) wood substrate jambs orient as shown here

TYPE 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 1.6 wind load allowance was used in the wood anchor calculations.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0915.07
Expiration Date 10/10/2023
By *Ishag I. Chande*
Miami-Dade Product Control

HEADER
Steel (0.125" Thick, Fy=36 KSI) - INTERCORP #14
Steel HWH Self-Drilling Screw (Grade 5), 0.625" Min. Edge Distance. (Full Thread Engagement)
Aluminum (0.125" Thick Minimum/6063-T5) - 1/4"-14 HWH Sheetmetal Screw (Grade 5), 1" Min. Edge Distance. (Full Thread Engagement)

JAMBS
Steel (0.125" Thick, Fy=36 KSI) - ITW TEKS SCREW (Grade 5) #14-20, FH w/WINGS Self-Drilling Screw 0.625" Minimum Edge Distance (Full Thread Engagement)
Concrete (3350 PSI) - Crete-Flex SS4 1/4" FH Concrete Screw/Anchor, 1.75" Embed, 2.5" Min. Edge Distance
Masonry (Solid CMU ASTM C-90 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 (Grade 5), 1" Min. Edge Distance. (Full Thread Engagement)
Wood (#2 SYP) - 1/4" x 4" Long LagBolt (Grade 5) 2.75" Minimum Penetration, 1" Minimum Edge Distance. Minimum Buck (2) 2X8 W/Min G = .55.

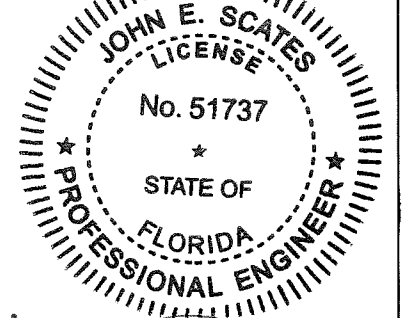
THRESHOLD
Steel (0.125" Thick, Fy=36 KSI) - ITW TEKS SCREW #14-20 PFH w/Wings Self-Drilling Screw (Grade 5), 0.625" Minimum Edge Distance (Full Thread Engagement)
Concrete (3350 PSI) - Crete-Flex SS4 FH 1/4" Concrete Screw 1.75" Embed, 2.5" Minimum Edge Distance from substrate
Aluminum (0.125" Thick Minimum/6063-T5) - 1/4"-14 FH Sheetmetal Screw (Grade 5), 1" Minimum Edge Distance (Full Thread Engagement)

Series 310 Bi-Parts Impact Slide Fastener Locations

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	Updated Drawing ECO 16365	04/29/13	CONTRACTOR:
2	Updated Drawing ECO 16488	07/18/13	SERIES: 310
3	Updated Drawing ECO 16508	08/08/13	STYLE: MEDIUM
4	Updated Drawing ECO 16535	08/23/13	FINISH:
5	Updated Drawing ECO 16572	09/30/13	ACTUATION:
6	Updated Drawing ECO 16731	3-13-14	
7	Revised for NOA	06-09-15	
8	Updated Glazing Detail	06-09-18	

Bi-Part Fastener Locations
Dwg. No. 021913

JOHN E. SCATES
2560 King Arthur Blvd., Ste 124-54
Lewisville, TX 75058
FL PE 51737

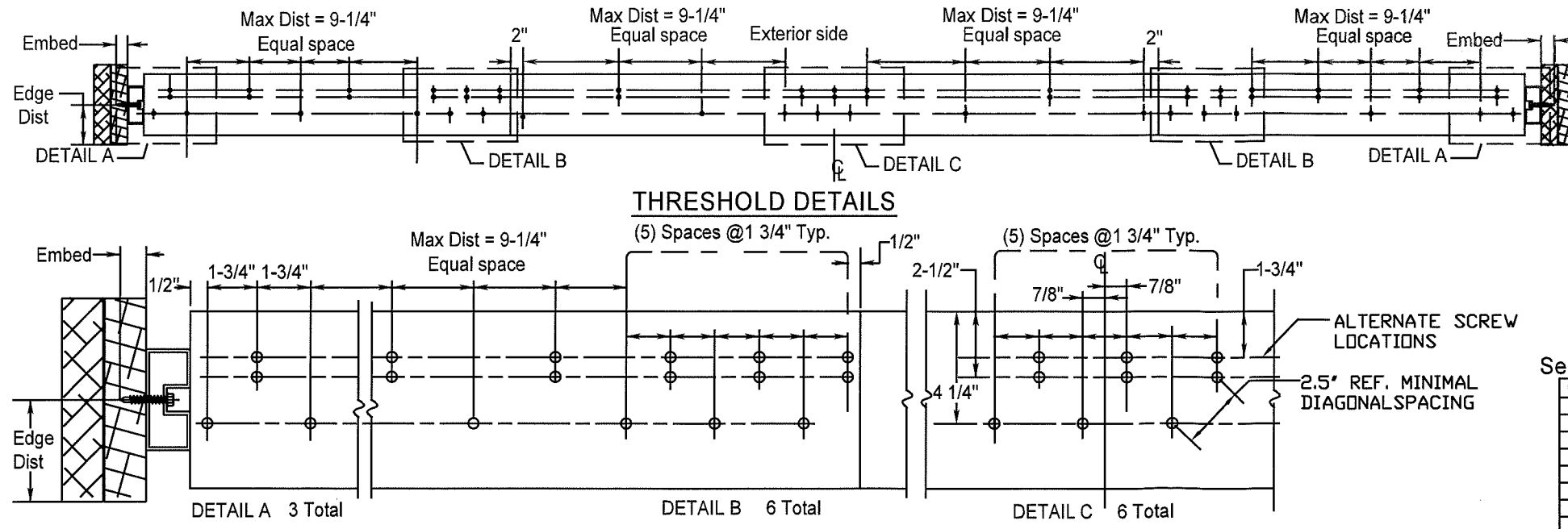


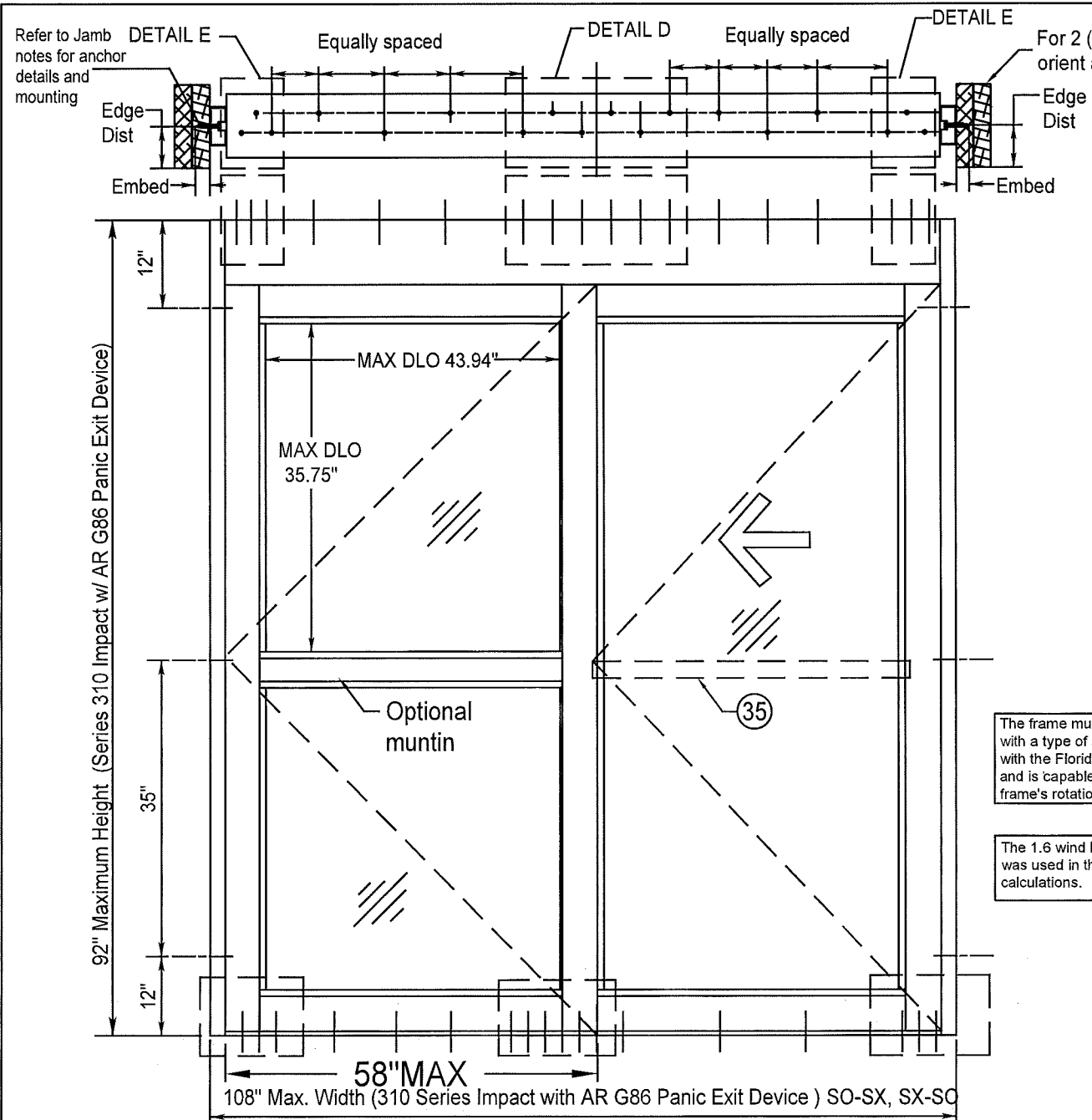
John E. Scates 10/10/23

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 18-1025-11
Expiration Date 10/10/23
By *Ishag I. Chande*
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

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



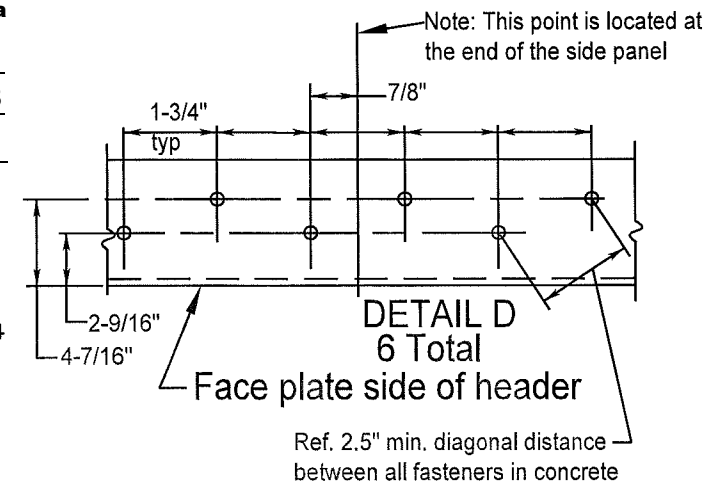
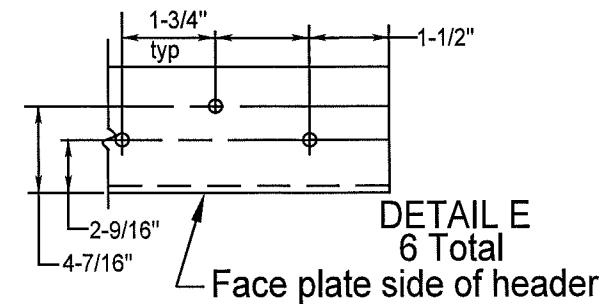


Header Details (Refer to Faceplate Location)

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0915.07

Expiration Date 10/10/2023

By Ishag I. Chande
Miami-Dade Product Control



HEADER

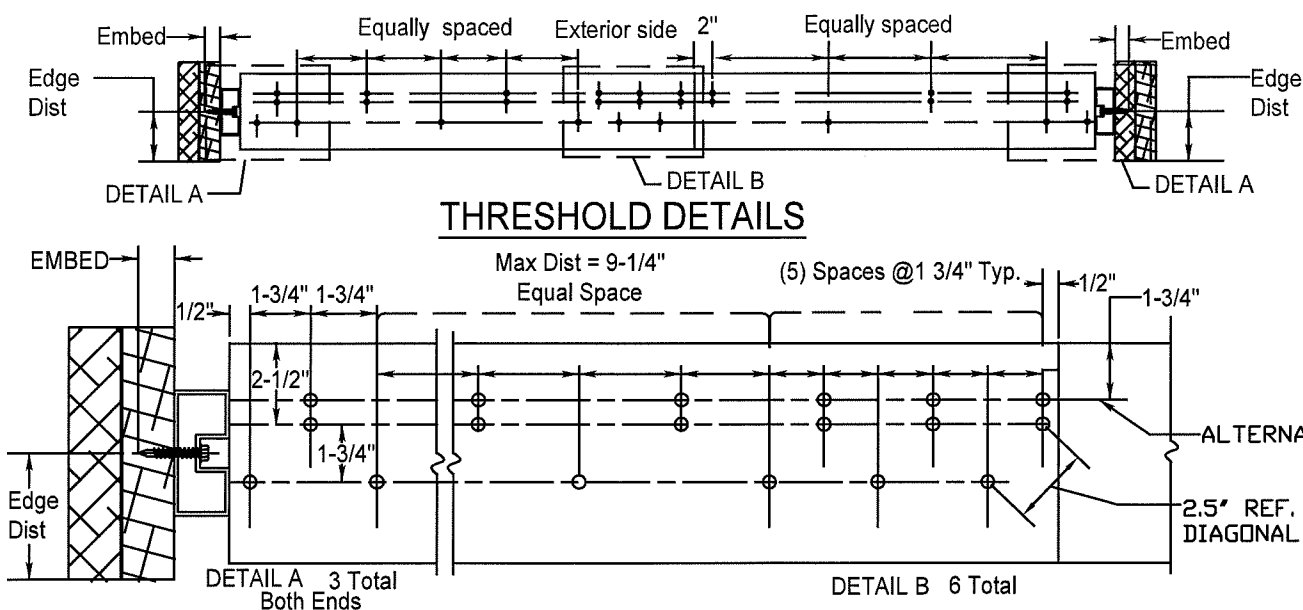
Steel (0.125" Thick, Fy=36 KSI) - INTERCORP #14
Steel HWH Self-Drilling Screw (Grade 5), 0.625"
Min. Edge Distance. (Full Thread Engagement)
Aluminum (0.125" Thick Min./6063-T5) - 1/4"-14
HWH Sheetmetal Screw (Grade 5), 1" Min. Edge
Distance. (Full Thread Engagement)

JAMBS

Steel (0.125" Thick, Fy=36 KSI) - ITW TEKS SCREW
(Grade 5) #14-20, FH w/WINGS Self-Drilling
Screw 0.625" Minimum Edge Distance
(Full Thread Engagement)
Concrete (3350 PSI) - Crete-Flex SS4 1/4" FH
Concrete Screw/Anchor, 1.75" Embed,
2.5" Min. Edge Distance
Masonry (Solid CMU ASTM C-90 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 (Grade 5),
1" Min. Edge Distance. (Full Thread Engagement)
Wood (#2 SYP) - 1/4" x 4" Long Lag Bolt (Grade 5)
2.75" Minimum Penetration, 1" Minimum Edge
Distance. Minimum Buck (2) 2X8
W/Min G = .55.

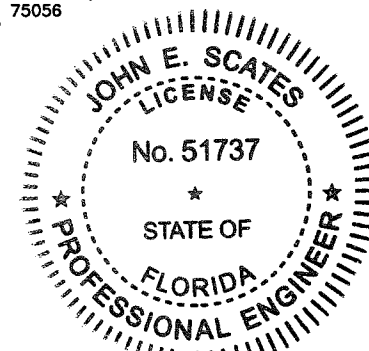
THRESHOLD

Steel (0.125" Thick, Fy=36 KSI) - ITW TEKS SCREW
#14-20 PFH w/Wings Self-Drilling Screw
(Grade 5), 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 from substrate
Aluminum (0.125" Thick Minimum/6063-T5) -
1/4"-14 FH Sheetmetal Screw (Grade 5), 1"
Minimum Edge Distance (Full Thread Engagement)



Series 310 Single Impact Slide
Slide Fastener Locations

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. 18-1025.11
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Ishag I. Chande
Miami-Dade Product Control

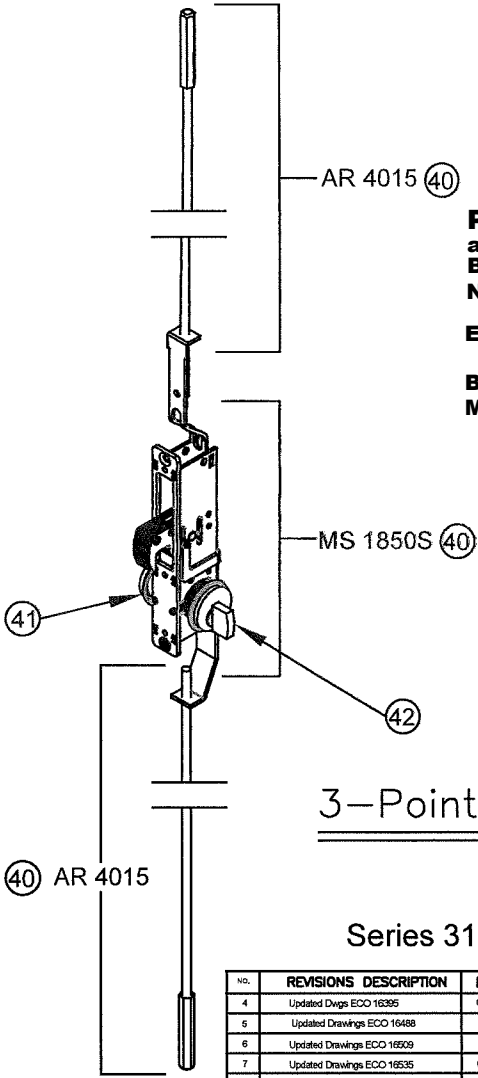
NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	Updated Drawg EDO 16305	04/29/13	CONTRACTOR:
2	Updated Drawings EDO 16408	07/18/13	SERIES: 310 TYPE: "SO-SX, SX-SO"
3	Updated Drawings EDO 16508	08/5/13	STYLE: MEDIUM FINISH:
4	Updated Drawings EDO 16535	08/23/13	ACTUATION:
5	Updated Drawings EDO 16572	09/30/13	LOCATION:
6	Updated Drawings EDO 16731	3-13-14	DISTRIBUTOR:
7	Revised for NOA	08-09-15	DWN: MJ P.O. #
8	Updated Glazing Detail	09-08-18	CHK: CMANDELL DATE: 7-5-12 SHEET 4 of 7

Single Slide Fastener Locations
Dwg. No. 021913

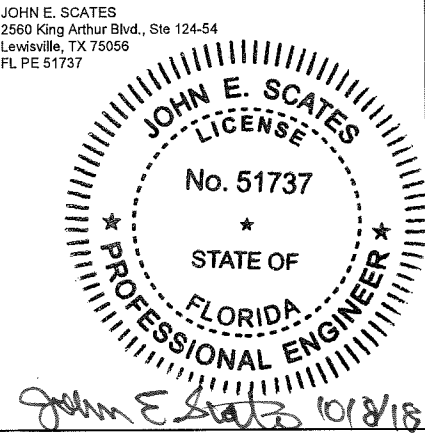
A DIVISION OF OVERHEAD DOOR CORP. 4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399 361-888-5591 1-800-531-3111 FAX: 361-888-6510, 1-800-531-3108			
Horton			
JOB METRO-DADE			
LOCATION:			
DISTRIBUTOR:			
DWN: MJ P.O. #			
CHK: CMANDELL DATE: 7-5-12 SHEET 4 of 7			
REVISION 11			

ITEM #	HORTON PART NUMBER	DESCRIPTION
1	C03600.005AB	ALUMINUM EXTRUSION: HEADER
2	C03601.002AB	ALUMINUM EXTRUSION: HEADER FACEPLATE
3	C03602.0000	ALUMINUM EXTRUSION: HEADER FACEPLATE BRACKET
4	C00314.000R	ALUMINUM EXTRUSION: INTERLOCK TOP
5	C00327.000R	ALUMINUM EXTRUSION: INTERLOCK LOWER
6	C00337.000RAB	ALUMINUM EXTRUSION: SX TOP RAIL
7	C00379.001ABC	ALUMINUM EXTRUSION: GLASS STOP
8	C00283.0000	ALUMINUM EXTRUSION: BOTTOM RAIL
9	C00343.001ABC	ALUMINUM EXTRUSION: HORIZONTAL RAIL (SO TOP RAIL)
10	C02915.001ABC	ALUMINUM EXTRUSION: VERTICAL RAIL (SO PIVOT)
11	C02886.00ABC	ALUMINUM EXTRUSION: THRESHOLD 7"
12	C00351.0002	ALUMINUM EXTRUSION: JAMB TUBE 4" X 1-3/4" (WITH POCKET)
13	C00323.0000	ALUMINUM EXTRUSION: VERTICAL RAIL (INTERLOCK)
14	C00363.0000	ALUMINUM EXTRUSION: VERTICAL RAIL (SX STRIKE)
15	C02798.0001	ALUMINUM EXTRUSION: ADAPTOR (BRM RAIL BRUSH)
16	C00011.0000	PIVOT RAIL ASSEMBLY LH
17	C00012.0000	PIVOT RAIL ASSEMBLY RH
18	C00888.005AB	CLIP: INTERLOCK SO-SX HD85
19	C00524.00FL	WEATHERSEAL BRUSH (FELTON# 490621)
20	C00524.0000	NOSING SEAL SCHLEGEL (#1104-5101)
21	C00293.0000	WEATHERSEAL BRUSH SCHLEGEL (#8430-5016-7)
22	C00449.0000	#10-24 X 3/4" FHMS (CORNER BLOCKS)
23	C00417.0000	#14 X 1-1/2" HWSMS (CORNER BLOCKS W/REIN.)
24	C00437.0000	#10-24 X 1/2" FHMS (INTERLOCK CLIPS)
25	C08150.0000	1/4-20 X 3/4" HHMB (CORNER BLOCKS W/BACKUP PLATE)
26	C01905.0000	STEEL TUBE (1-1/4" X 1-1/4" X 3/16" X 80.50" LONG) A-36
27	C00537.000R	CORNER BLOCK (337R-TOP SX RAIL)
28	C00536.0001	CORNER BLOCK (343-1- TOP SO RAIL)
29	C00693.0000	CORNER BLOCK (6" BTM RAIL)
30	C03682.0006	DRIVE WHEEL ASSEMBLY
31	C03681.0001	IDLER WHEEL ASSEMBLY
32	C00341.0001	GLAZING BEAD W/ VINYL WEDGE
33	C00358.000R	ALUMINUM EXTRUSION: ASTRAGAL
34	C00664.001AB	#8 X 3/4" FHSMS
35	C02361.0000	PANIC EXIT DEVICE ADAM'S RITE G86H W/CONCEALED ROD
36	C00715.0000	SEAL; 3 FIN SMOKE RATED ICU
37	C00289.0000	TRACK CAP
38	C00538.000R	BACKUP PLATE
39	C00852.004L/R	BOTTOM GUIDE DOOR MOUNTED (LH OR RH)
40	C00454.00AB	LOCK, MAX SECURITY AR MS 1850S W/ADAMS RITE 4015 HEADER/THRESHOLD BOLT

ITEM #	HORTON PART NUMBER	DESCRIPTION
41	C00455.00AB	CYL. ASSEMBLY
42	C00463.00AB	THUMBTURN AR 4066
43	C00883.0001	ADAPTOR ARM (3-POINT LOCK OPTION)
44	C00883.0002	ROD & BOLT ASSEMBLY (3-POINT LOCK OPTION)
45	C00552.0003	GLAZING BLOCK, SNAP-IN NYLON 6-6 MIN HARDNESS ROCKWELL M85
46	C01485.0001	SILICONE; GLAZING (#995 DOW CORNING)
47	C00337.00RAB	EXTRUSION RAIL (MUNTIN OPTION)
48	C00912.0000	TORSION BAR ASSEMBLY
49	C00942.0000	SPRING SX CLOSER OSX ASSEMBLY
50	C00943.0000	SPRING SX CLOSER SXO ASSEMBLY
51	C00932.001AB	ASSEMBLY; TOPARM-SO CLOSER
52	C00353.0000	COVER RECESS JAMB MILL
53	C02850.0000	EXTRUSION; SNAP IN PLASTIC (FOR C2886 THRESHOLD)



PRODUCT REVISED
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NOA-No. 20-0915.07
Expiration Date 10/10/2023
By Ishag I. Chande
Miami-Dade Product Control

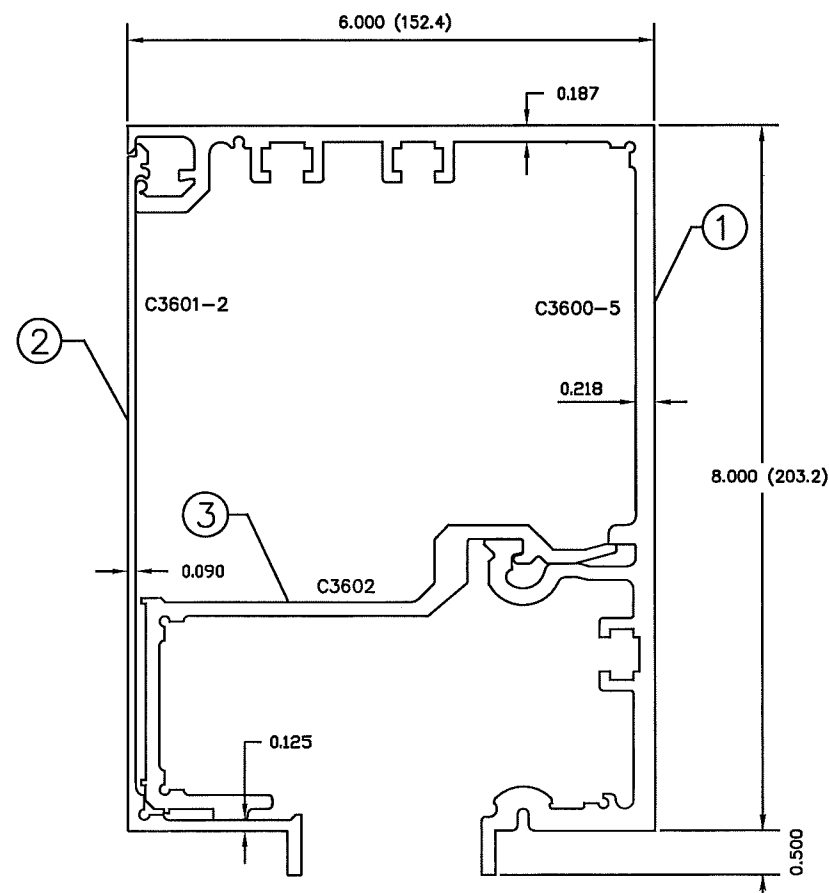


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By Ishag I. Chande
Miami-Dade Product Control

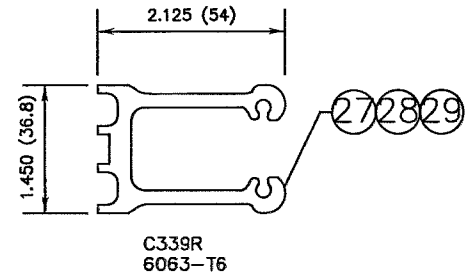
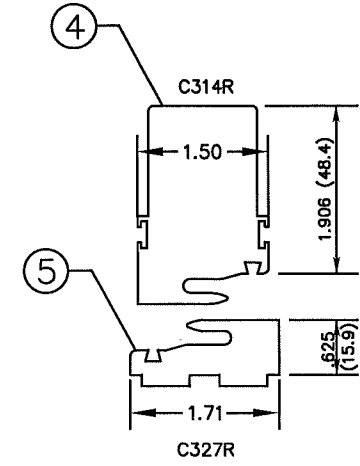
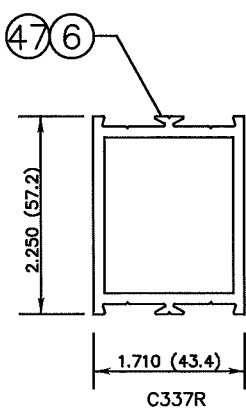
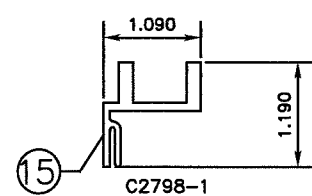
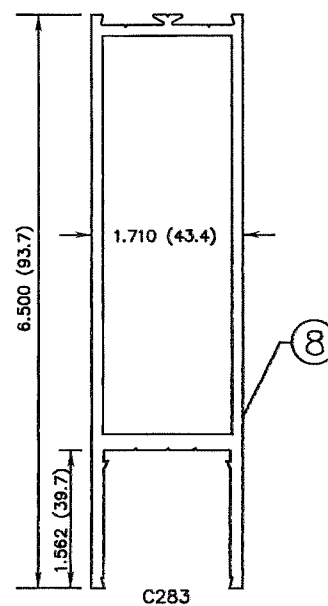
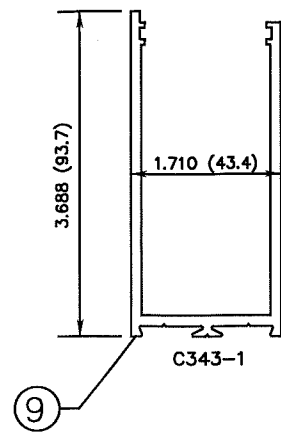
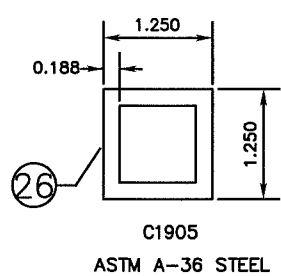
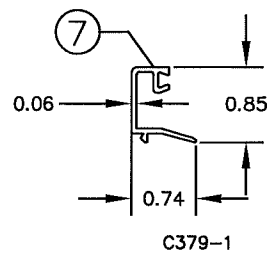
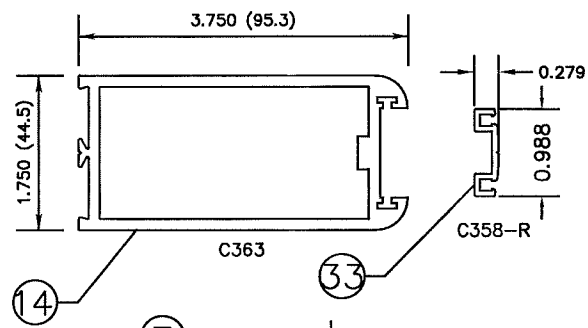
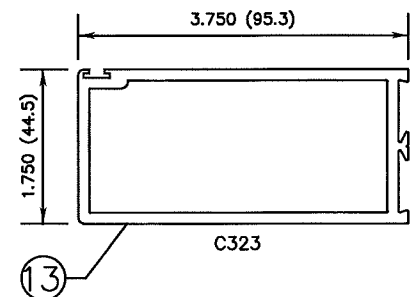
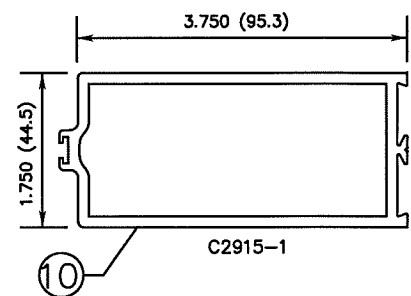
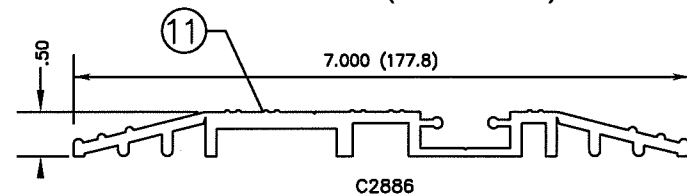
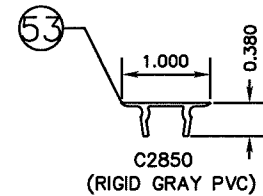
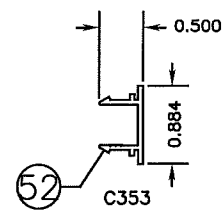
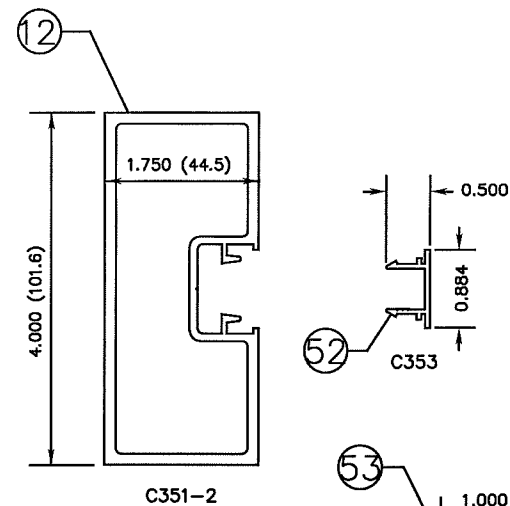
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5	Updated Drawings ECO 16488	07/19/13	SERIES: 2001/310	TYPE:
6	Updated Drawings ECO 16509	08/05/13	STYLE: MEDIUM	FINISH:
7	Updated Drawings ECO 16535	08/26/13	ACTUATION:	
8	Updated Drawings ECO 16572	09/30/13		
9	Updated Drawings ECO 16731	3-13-14		
10	Revised for NOA	05-03-15		
11	Updated Glazing Detail	09-09-18		

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	
JOB METRO-DADE	
LOCATION:	
DISTRIBUTOR:	
DWN: MJ	P.O. #
CHK: CMANDELL	DATE 7-6-12
SHEET 5 of 7	REVISION 11

Bill of materials
Dwg. No. 021913



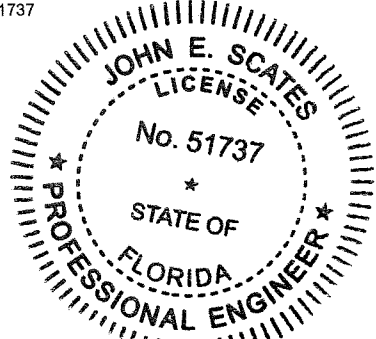
6" X 8"
(152.4) (203.2)
HEADER ASSEMBLED



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

PRODUCT REVISED
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By Ismael L. Chandra
Miami-Dade Product Control

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



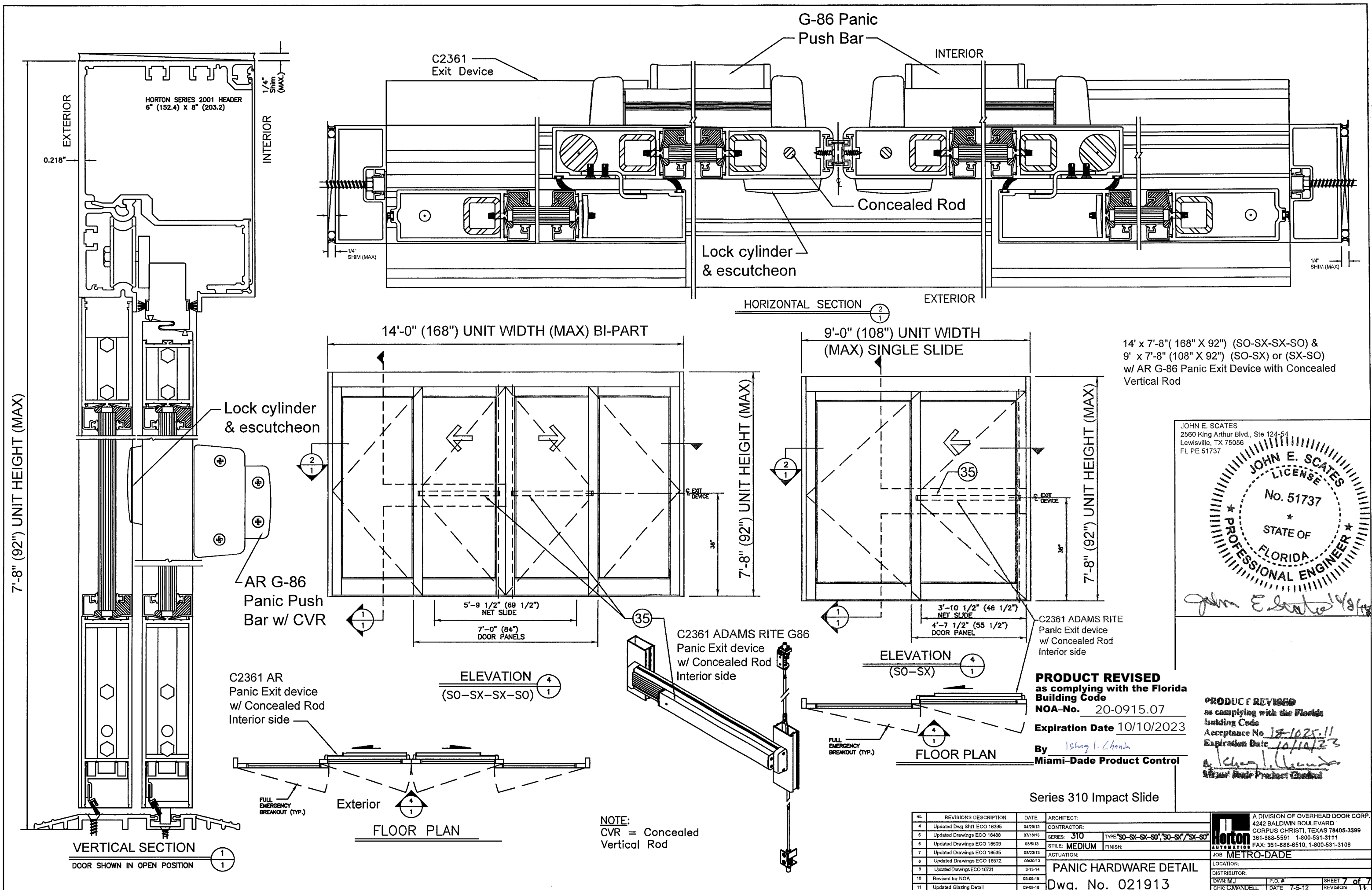
John E. Scates
10/8/18

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Miami-Dade Product Control

Series 310 Impact Slide

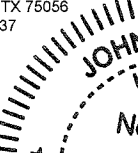
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7	Updated Drawings ECO 16535	08/23/13	FINISH:
8	Updated Drawings ECO 16572	08/30/13	ACTUATION:
9	Updated Drawings ECO 16731	3-13-14	Extrusion chart
10	Revised for NOA	06-08-15	Dwg. No. 021913
11	Updated Glazing Detail	06-08-16	

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			
JOB METRO-DADE			
LOCATION:			
DISTRIBUTOR:			
DWN: MJ	P.O. #	SHEET 6 of 7	
CHK: C.MANDELL	DATE 6-05-12	REVISION	11



NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
4	Updated Dwg Sht ECO 16395	04/29/13	CONTRACTOR:
5	Updated Drawings ECO 16488	07/16/13	SERIES: 310 TYPE: SO-SL-SX-SO, SO-SL/SX-SL
6	Updated Drawings ECO 16509	08/5/13	STYLE: MEDIUM FINISH:
7	Updated Drawings ECO 16535	08/23/13	ACTUATION:
8	Updated Drawings ECO 16572	09/30/13	PANIC HARDWARE DETAIL Dwg. No. 021913
9	Updated Drawings ECO 16731	3-13-14	
10	Revised for NOA	08-29-15	
11	Updated Glazing Detail	09-09-18	

JOHN E. SCATES
10 King Arthur Blvd., Ste 124-54
Lewisville, TX 75066
PE 51737



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

John E. Scates 1/8/14

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A. Cheng
Florida State Product Council