



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

NOTICE OF ACCEPTANCE (NOA)

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 PERA -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. PERA 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 or So-Sx rev) Alum Automatic Sliding Door w/ Breakout-LMI

APPROVAL DOCUMENT: Drawing No. **061421**, titled "Series 310 HD-Strom level E-Impact", sheets 1 through 14 of 14, prepared by manufacturer, dated 01-10-2022, signed and sealed by John E. Scates, 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 (Risk Cat IV)

Limitations:

1. Not approved where water infiltration is required, unless protected by overhang complying w/FBC requirements.
2. See AR G-86 Panic (CVR) and AR 3-point mortise-locking mechanism detail on sheet **11**.
3. See Emergency breakout detail sheet **2 & 3** and glazing and muntin details in sheet **14**.
4. See sheet **9** for anchor types, OC, ED, embedment and substrates options. See Jambs anchors in sheet **2 & 8**.
5. 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** NOA # **21-1216.02** consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

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



Ishaq I. Chanda

NOA No. 23-0622.16
Expiration Date: January 20, 2027
Approval Date: August 10, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **061421**, titled "Series 310 HD-Strom level E-Impact", sheets 1 through 14 of 14, prepared by manufacturer, dated 01-10-2022, signed and sealed by John E. Scates, 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 (Not conducted)
 - 4) Large Missile Impact Test per FBC, TAS 201-94 (v=80 fps)
 - 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 So-Sx-Sx-So & So-Sx configurations, prepared by Intertek, Test Report No. **L-5339-.01-801-18 RO**, dated 11/17/21, signed and sealed by Tyler Westerling, P.E.

Note: This test report has a clarification letter dated 01/11/22, issued by Intertek, signed and sealed by Tyler Westerling, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis complying w/ FBC 2020 (7th edition), dated 11/22/21 and last revised on 01/05/22, 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. **20-1026.03** issued to Plaskolite for TUFFAK polycarbonate sheet, former Covestro, LLC for their "**Makrolon**® poly carbonate sheet", expiring on 08/27/2022.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition) & "No financial interest", dated NOV 22, 2020, signed & sealed by John E. Scates, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER

1. None.

Ishag I. Chanda
Product Control Unit Supervisor
NOA No. 23-0622.16
Expiration Date: January 20, 2027
Approval Date: August 10, 2023

Horton Automatics Division of Overhead Door

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous approvals

A. DRAWINGS

1. Drawing No. **061421**, titled “Series 310 HD-Strom level E-Impact”, sheets 1 through 14 of 14, prepared by manufacturer, dated 01-10-2022, signed and sealed by John E. Scates, P.E.

B. TESTS (submitted in previous approval)

1. None.

C. CALCULATIONS (submitted in previous approval)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **22-0317.02** issued to Plaskolite for TUFFAK polycarbonate sheet, former Covestro, LLC for their “**Makrolon** ® poly carbonate sheet”, expiring on 08/27/2027.

F. STATEMENTS

1. Statement letters of conformance to FBC 2023 (**8th** Edition) & “No financial interest” dated 06/23/23, prepared, signed and sealed by John E. Scates, P.E.
2. Statement letter of conformance to FBC 2020 (7th Edition) & “No financial interest”, dated NOV 22, 2020, signed & sealed by John E. Scates, P.E.

G. OTHER

1. This NOA **revises** NOA # **21-1216.02**, updates to FBC 2023, expiring 01/20/27.

Ishaq I. Chanda, P.E.

Unit Supervisor

Ishaq I. Chanda No. 23-0622.16

Expiration Date: January 20, 2027

Approval Date: August 10, 2023

GENERAL NOTES:

1. This product has been designed and tested to comply with the FBC 2020 (7th Edition), 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. This door system is not tested or rated for water infiltration resistance. It is intended for use only in locations where water infiltration resistance is not required or where it is protected by an overhang meeting the requirements of FBC section 1709.5.1.
4. See anchor installation details concerning types, substrate, edge distance, spacing and embedment on sheet 9.
5. 1x or 2x SYP 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. Additional wood requirements are on sheet 9. (Jambs / Wood)
6. All fasteners penetrating into pressure treated wood shall be capable of resisting corrosion due to the reaction with pressure treatment chemicals.
7. Dissimilar materials that come into contact shall be protected to prevent galvanic reactions in accordance with FBC chapters 20 and 23.
8. Permit holder shall verify the adequacy of the existing structure to withstand additional imposed loads.
9. 1/4" max shim allowed. Type of shim to comply with Florida Building Code and be capable of resisting frame rotation.
10. All structural extrusions are 6063-T5 Aluminum with typical thickness of 1/4", unless otherwise specified.
11. The 1.6 Cd factor has been used in the calculations of the wood anchors.

Horton Automatics
HD-Storm Level E Impact
Series 2001 - Type 310 Bi-Part SO-SX-SX-SO
Series 2001 - Type 310 Single SO-SX or SX-SO
3-Point or Panic Hardware w/ CVR
6-1/2" or 10" Bottom Rail

9'-0" x 8'-6" (108" X 102") (SO-SX)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

14'-6" x 8'-6" (174" X 102") (SO-SX-SX-SO)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

SHEET	DESCRIPTION
1	GENERAL NOTES
2	BI-PART ELEVATION, JAMB ANCHORING LOCATIONS
3	SINGLE SLIDE ELEVATION, JAMB ANCHORING LOCATIONS
4	BI-PART SECTIONS
5	BI-PART ANCHOR LOCATIONS
6	SINGLE SECTIONS
7	SINGLE ANCHOR LOCATIONS
8	VERTICAL JAMB ANCHOR LOCATIONS
9	SUBSTRATE NOTES FOR ANCHORS
10	DOOR CONNECTIONS, HEADER SECTIONS VIEWS
11	LOCKING MECHANISM DETAILS
12	EXTRUSION CHART
13	BILL OF MATERIALS
14	GLAZING DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0622.16
Expiration Date 01/20/2027
By Ishag I. Chanda
Miami-Dade Product Control

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-1216.02
Approval Date 01/20/2022
By Ishag I. Chanda
Miami-Dade Product Control

[Signature]
1/10/22

JOHN E. SCATES
2560 KING ARTHUR BLVD. #124-54
LEWISVILLE, TX 75056
FL PE 51737




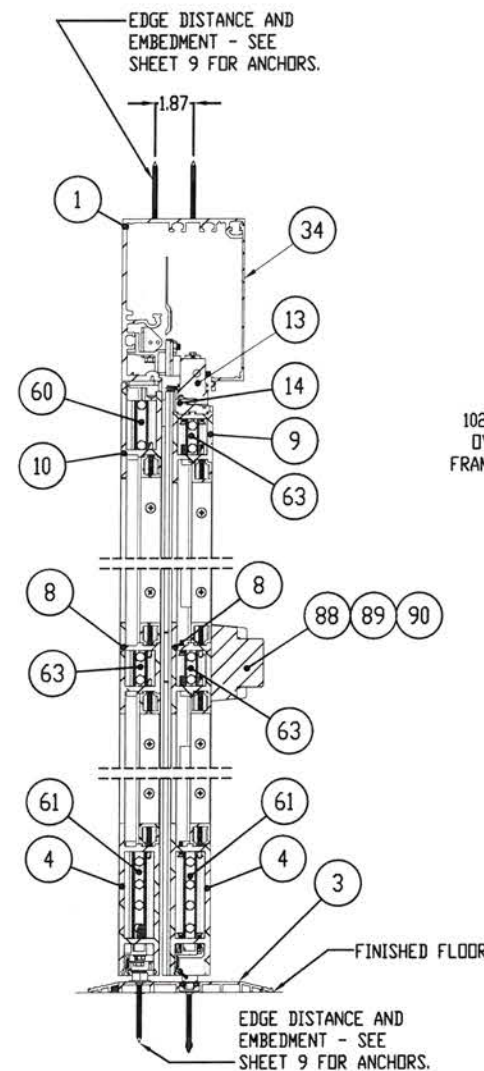
Bi - Parting & Single Slide Doors	
Design Pressure ± 80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile Complying with HVHZ Risk Category IV
Bi-Parting	Essential Facility

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	8/14/21	CONTRACTOR:
1	Scates comments	11/15/21	SERIES: 310 TYPE: "SO-SX-SX-SO"
2	DADE comments	12/22/21	STYLE: MEDIUM FINISH:
3	DADE comments	1/9/22	ACTUATION:
4			
5			
6			
7			

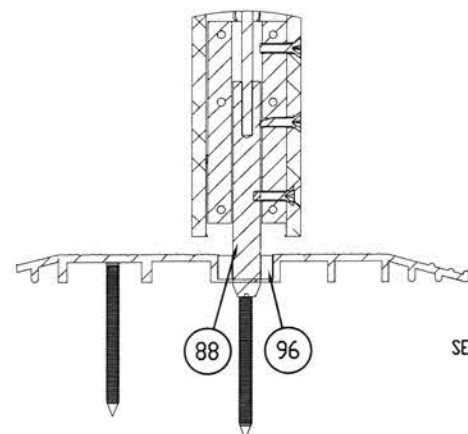
Table of Contents/Notes
Dwg. No. 061421

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: JD	P.O. #	1 of 14	
CHK: JG	DATE 6-14-21	REVISION	3

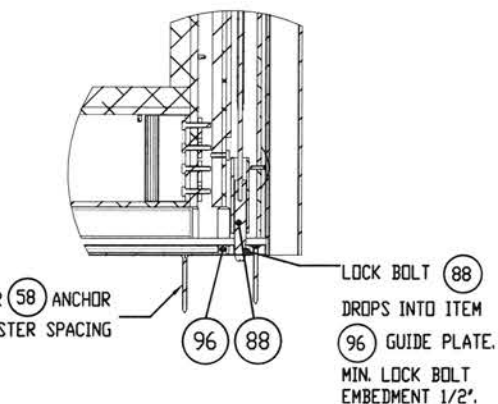
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	4242 BALDWIN BOULEVARD	
	CORPUS CHRISTI, TEXAS 78405-3399	
	361-888-5591 1-800-531-3111	
FAX: 361-888-6510, 1-800-531-3108		
JOB MEIRO-DADE		
LOCATION:		
DISTRIBUTOR:		
DWN: JD	P.O. #	REV. 2 OF 14
CHK: JC	DATE 6-14-01	REVISION 3



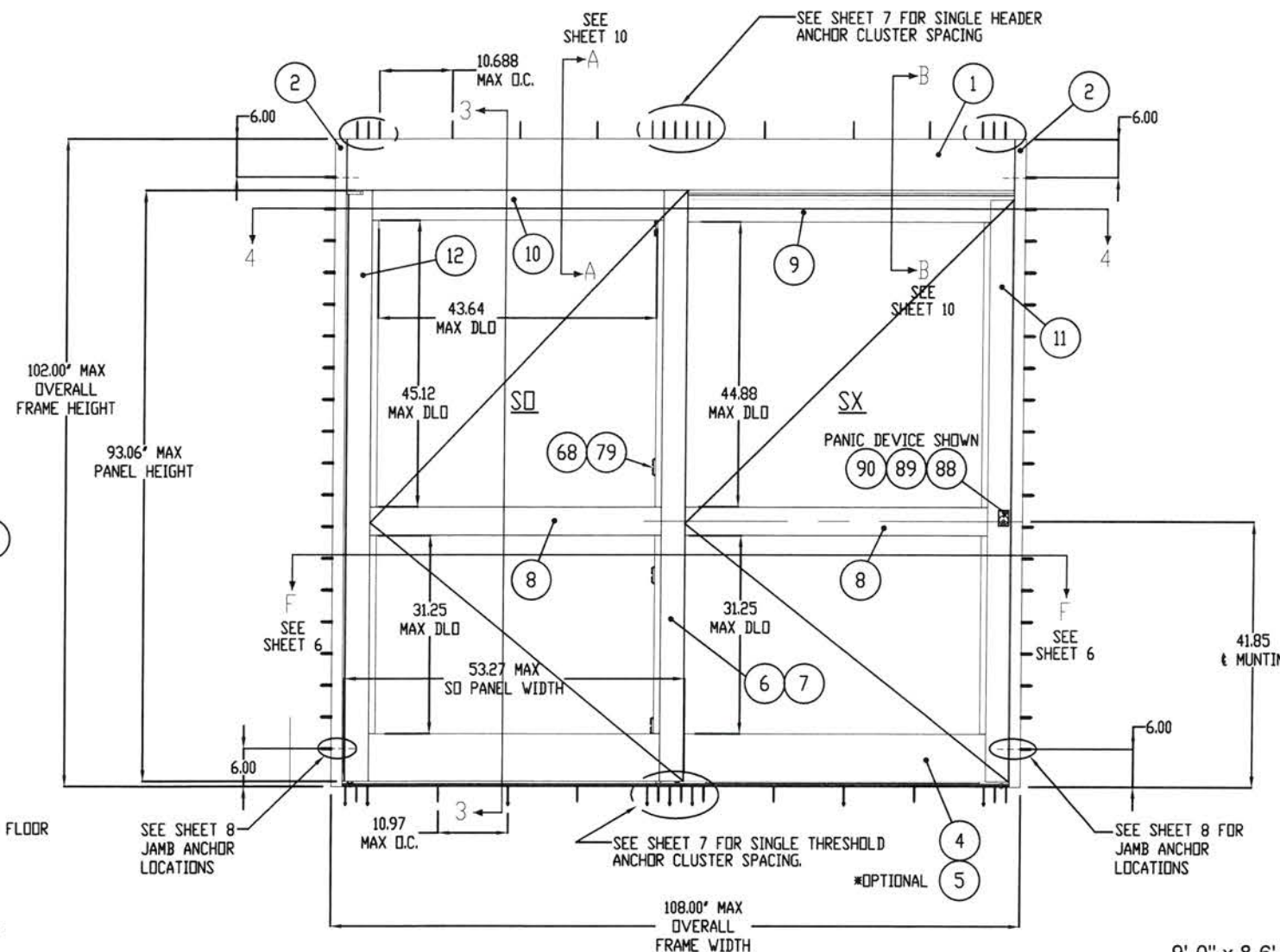
SECTION 3-3



LOCK BOLT TO THRESHOLD
SECTION VIEW



LOCK BOLT TO THRESHOLD
CONNECTION DETAIL



SECTION 4-4

Horton Automatics
HD-Storm Level E Impact
Series 2001 - Type 310 Bi-Part SO-SX-SX-SO
Series 2001 - Type 310 Single SO-SX or SX-SO
3-Point or Panic Hardware w/ CVR
6-1/2" or 10" Bottom Rail

SINGLE MAX PANEL SIZE AND DAYLIGHT OPENING		
	MAX SX PANEL	MAX SO PANEL
PANEL WIDTH	55.875	53.27
MAX DLO TOP	44.875	45.125
MAX DLO BTM	31.25	31.25
MAX DLO 10"	27.75	27.75
BOTTOM RAIL	27.75	27.75
MAX DLO WIDTH	46.25	43.625
PANEL HEIGHT	91.625	93.063

9'-0" x 8'-6" (108" X 102") (SO-SX)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

14'-6" x 8'-6" (174" X 102") (SO-SX-SX-SO)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

Bi - Parting & Single Slide Doors	
Design Pressure ±80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile Complying with HVHZ Risk Category IV Essential Facility
Bi-Parting	

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	8/14/21	CONTRACTOR:
1	Scopes Comments	11/19/21	SERIES: 310 TYPE: "SO-SX"
2	DADE Comments	12/22/21	STYLE: MEDIUM FINISH:
3	DADE Comments	1/6/22	ACTUATION:
4			SINGLE ELEVATION
5			VIEW & DETAILS
6			Dwg. No. 061421
7			

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0622.16
Expiration Date 01/20/2027
By Ishaq I. Chande
Miami-Dade Product Control

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-1216.02
Approval Date 01/20/2022
By Ishaq I. Chande
Miami-Dade Product Control

John E. Scates
1/10/22

JOHN E. SCATES
2560 KING ARTHUR BLVD. #124-54
LEWISVILLE, TX 75056
FL PE 51737

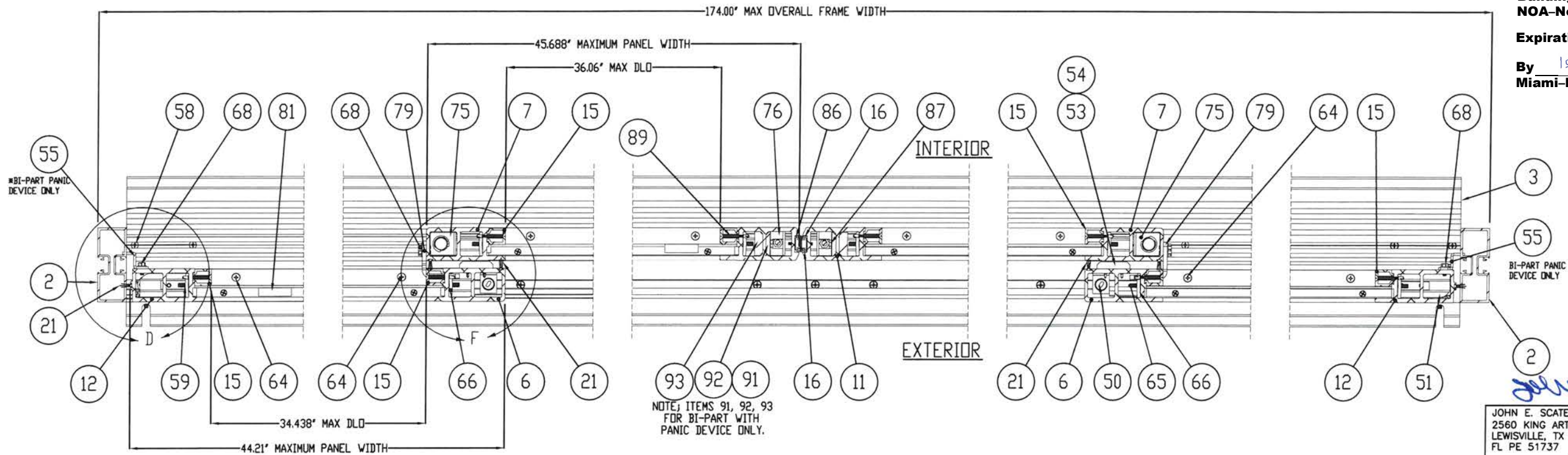


A DIVISION OF OVERHEAD DOOR CORP. 4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399 361-888-5591 1-800-531-3111 FAX: 361-888-6510, 1-800-531-3108	
Horton AUTOMATIC	
JOB METRO-DADE	
LOCATION:	
DISTRIBUTOR:	
DWN: JD	P.O. #
CHK: JG	DATE 6-14-21
REV 3 of 14	REVISION 3

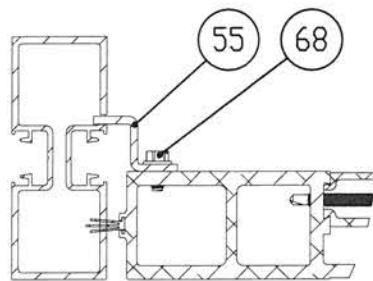
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NOA-No. 23-0622.16

Expiration Date 01/20/2027

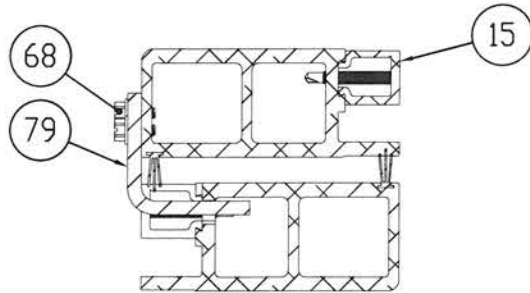
By Ishag I. Chank
Miami-Dade Product Control



SECTION C-C
BI-PART FULL BREAKOUT SHOWN



DETAIL D
TYPICAL BOTH SIDES
BI-PART ONLY



DETAIL F
TYPICAL INTERLOCK
LOCATIONS

BI-PART MAX PANEL SIZE AND DAYLIGHT OPENING		
	MAX SX PANEL	MAX SO PANEL
PANEL WIDTH	45.563	44.085
MAX DLO TOP	44.875	45.125
MAX DLO BTM	31.25	31.25
MAX DLO 10"	27.75	27.75
BOTTOM RAIL		
MAX DLO WIDTH	36.063	34.438
PANEL HEIGHT	91.625	93.063

PRODUCT APPROVED
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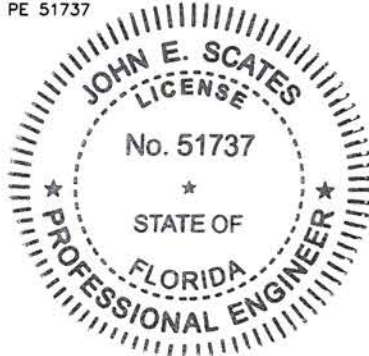
Horton Automatics
HD-Storm Level E Impact
Series 2001 - Type 310 Bi-Part SO-SX-SX-SO
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9'-0" x 8'-6" (108" X 102") (SO-SX or SX-SO)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

14'-6" x 8'-6" (174" X 102") (SO-SX-SX-SO)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

Bi - Parting & Single Slide Doors	
Design Pressure ± 80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile Complying with HVHZ Risk Category IV
Bi-Parting	Essential Facility

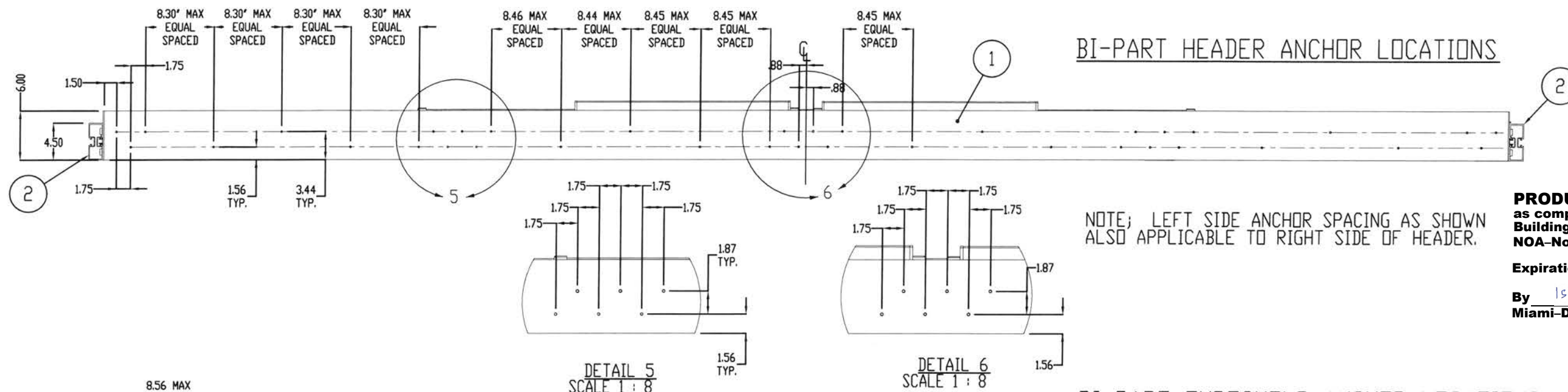
JOHN E. SCATES
2560 KING ARTHUR BLVD. #124-54
LEWISVILLE, TX 75056
FL PE 51737



NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	8/14/21	CONTRACTOR:
1	Scates Comments	11/19/21	SERIES: 310 TYPE: "SO-SX-SX-SO"
2	DADE Comments	12/22/21	STYLE: MEDIUM FINISH:
3	DADE Comments	1/8/22	ACTUATION:
4			BI-PART SECTION VIEWS & DETAILS
5			DWG. NO. 061421
6			
7			

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: JD	P.O. #
CHK: JG	DATE 6-14-21
	REVISION 3

BI-PART HEADER ANCHOR LOCATIONS



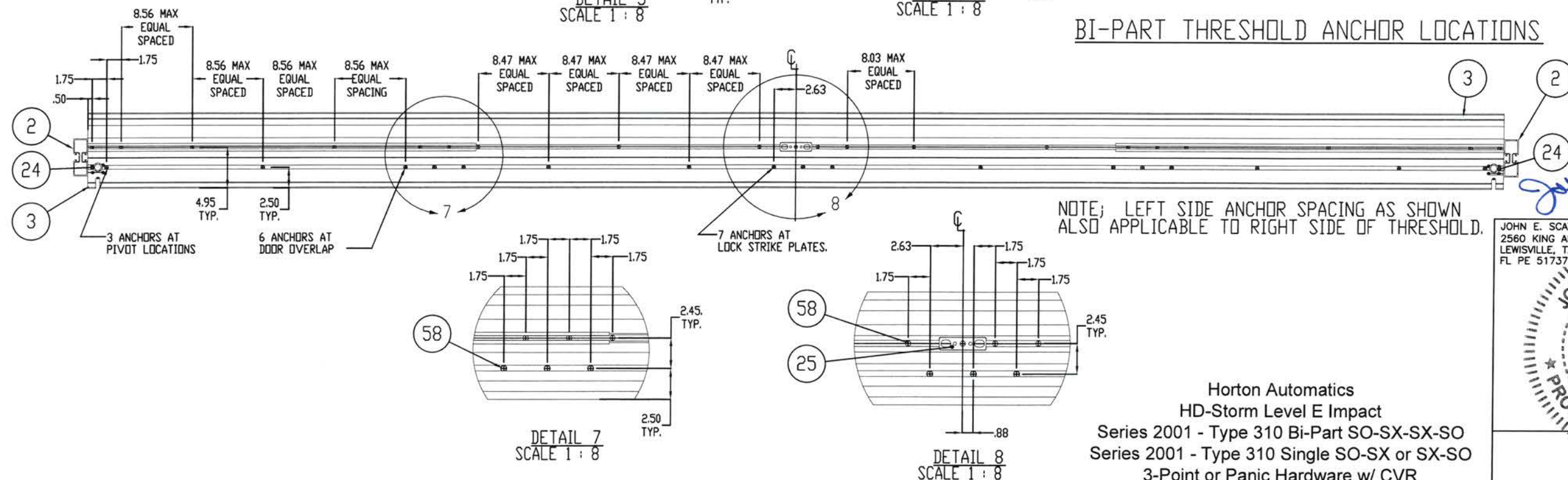
NOTE; LEFT SIDE ANCHOR SPACING AS SHOWN ALSO APPLICABLE TO RIGHT SIDE OF HEADER.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0622.16

Expiration Date 01/20/2027

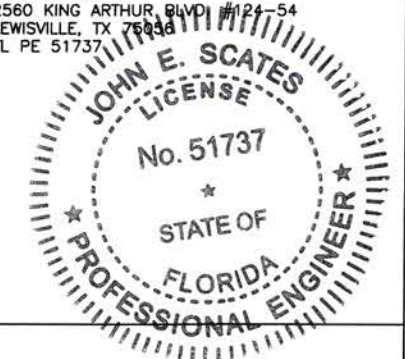
By Ishag I. Chank
Miami-Dade Product Control

BI-PART THRESHOLD ANCHOR LOCATIONS



NOTE; LEFT SIDE ANCHOR SPACING AS SHOWN ALSO APPLICABLE TO RIGHT SIDE OF THRESHOLD.

JOHN E. SCATES
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TX 75044
FL PE 51737



Horton Automatics
HD-Storm Level E Impact
Series 2001 - Type 310 Bi-Part SO-SX-SX-SO
Series 2001 - Type 310 Single SO-SX or SX-SO
3-Point or Panic Hardware w/ CVR
6-1/2" or 10" Bottom Rail

Bi - Parting & Single Slide Doors	
Design Pressure ±80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile Complying with HVHZ Risk Category IV
Bi-Parting	Essential Facility

BI-PART MAX PANEL SIZE AND DAYLIGHT OPENING		
	MAX SX PANEL	MAX SO PANEL
PANEL WIDTH	45.563	44.085
MAX DLO TOP	44.875	45.125
MAX DLO BTM	31.25	31.25
MAX DLO 10"	27.75	27.75
BOTTOM RAIL		
MAX DLO WIDTH	36.063	34.438
PANEL HEIGHT	91.625	93.063

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-1216.02

Approval Date 01/20/2022

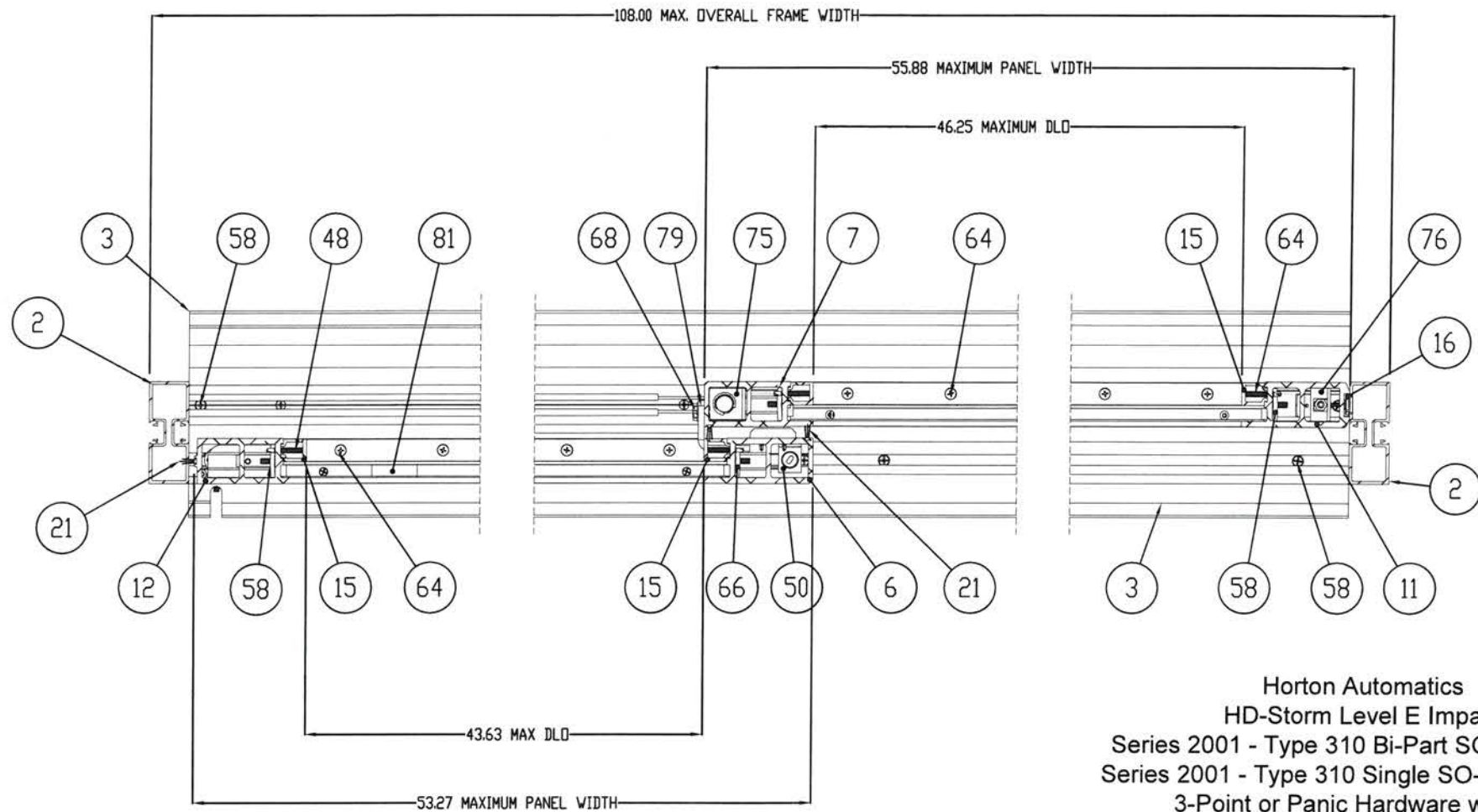
By Ishag I. Chank
Miami-Dade Product Control

9'-0" x 8'-6" (108" X 102") (SO-SX)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

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AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	8/14/21	CONTRACTOR:
1	Scates Comments	11/15/21	SERIES 310 TYPE "SO-SX-SX-SO"
2	DADE Comments	12/22/21	STYLE: MEDIUM FINISH:
3	DADE Comments	1/8/22	ACTUATION:
4			BI-PART ANCHOR
5			DETAILS AND LOCATIONS
6			Dwg. No. 061421
7			

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: JD	P.O. #
CHK: JG	DATE 6-14-21
	REVISION 3



SECTION F-F
SINGLE SLIDE FULL BREAKOUT SHOWN
(FROM SHEET 3)

SINGLE MAX PANEL SIZE AND DAYLIGHT OPENING		
	MAX SX PANEL	MAX SD PANEL
PANEL WIDTH	55.875	53.27
MAX DLO TOP	44.875	45.125
MAX DLO BTM	31.25	31.25
MAX DLO 10"	27.75	27.75
BOTTOM RAIL	27.75	27.75
MAX DLO WIDTH	46.25	43.625
PANEL HEIGHT	91.625	93.063

PRODUCT APPROVED
as complying with the Florida
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NOA-No. 21-1216.02
Approval Date 01/20/2022
By Ishag I. Chande
Miami-Dade Product Control

Horton Automatics
HD-Storm Level E Impact
Series 2001 - Type 310 Bi-Part SO-SX-SX-SO
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3 - Point Lock Option
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AR G-86 Panic Exit Device & Concealed Rod
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(See Sheet 11)

Bi - Parting & Single Slide Doors	
Design Pressure ±80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile
Bi-Parting	Complying with HVHZ Risk Category IV Essential Facility

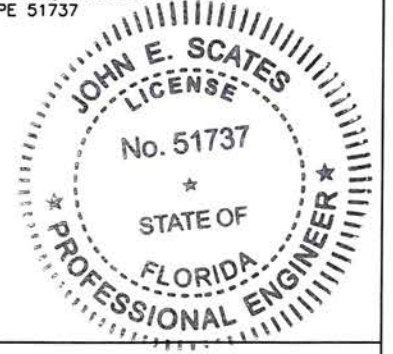
NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	8/14/21	CONTRACTOR:
1	Scopes Comments	11/19/21	SERIES 310 TYPE "SO-SX"
2	DADE Comments	12/22/21	STILE: MEDIUM FINISH:
3	DADE Comments	1/8/22	ACTUATION:
4			SINGLE SECTION
5			VIEWS & DETAILS
6			Dwg. No. 061421
7			

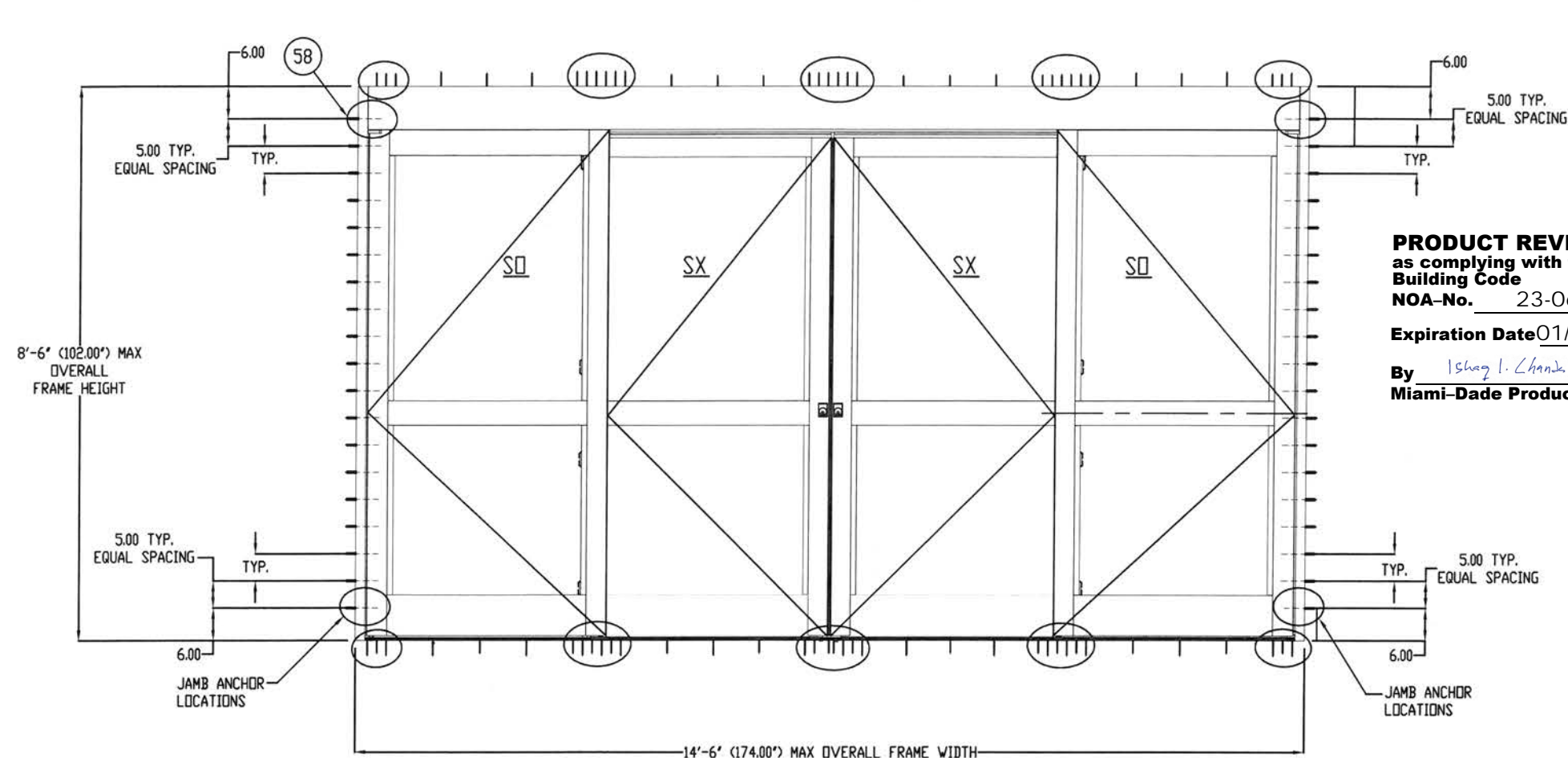
A DIVISION OF OVERHEAD DOOR CORP.	
4242 BALDWIN BOULEVARD	
CORPUS CHRISTI, TEXAS 78405-3399	
361-888-5591 1-800-531-3111	
FAX: 361-888-6510, 1-800-531-3108	
JOB METRO-DADE	
LOCATION:	
DISTRIBUTOR:	
DWN: JD	P.O. #
CHK: JG	DATE 6-14-21
	REVISION 3

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0622.16
Expiration Date 01/20/2027
By Ishag I. Chande
Miami-Dade Product Control

John E. Scates
1/10/22

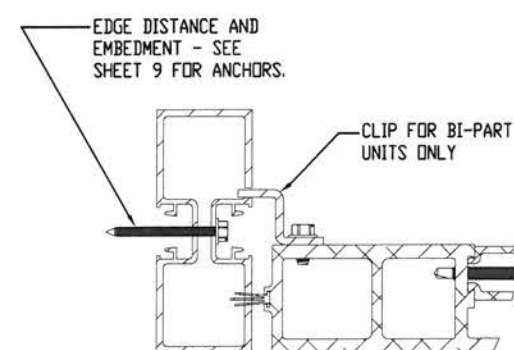
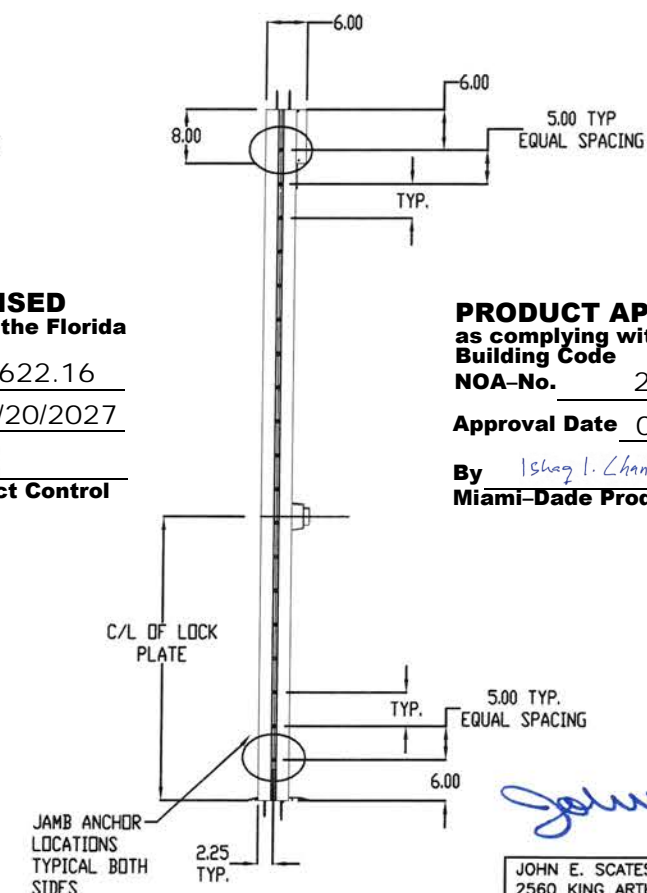
JOHN E. SCATES
2560 KING ARTHUR BLVD. #124-54
LEWISVILLE, TX 75056
FL PE 51737





PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0622.16
Expiration Date 01/20/2027
By *Ishag I. Chank*
Miami-Dade Product Control

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NOA-No. 21-1216.02
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By *Ishag I. Chank*
Miami-Dade Product Control



VERTICAL JAMB ANCHOR DETAIL
TYPICAL SINGLE AND BI-PARTING

VERTICAL JAMB ANCHOR LOCATIONS ARE TYPICAL
FOR BI-PART AND SINGLE SLIDE UNITS

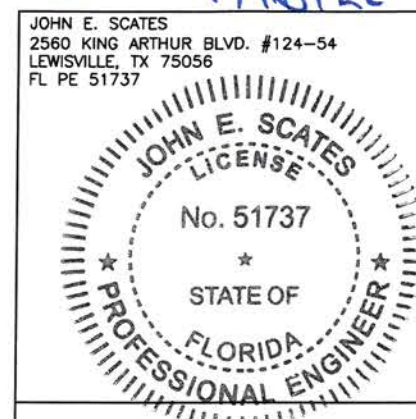
9'-0" x 8'-6" (108" X 102") (SO-SX)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

14'-6" x 8'-6" (174" X 102") (SO-SX-SX-SO)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

Bi - Parting & Single Slide Doors	
Design Pressure ±80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile
Bi-Parting	Complying with HVHZ Risk Category IV Essential Facility

Horton Automatics
HD-Storm Level E Impact
Series 2001 - Type 310 Bi-Part SO-SX-SX-SO
Series 2001 - Type 310 Single SO-SX or SX-SO
3-Point or Panic Hardware w/ CVR
6-1/2" or 10" Bottom Rail

REV.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	6/14/21	CONTRACTOR:
1	Scates Comments	11/15/21	SERIES: 310 TYPE: "SO-SX-SX-SO"
2	DADE Comments	12/22/21	STYLE: MEDIUM FINISH:
3	DADE Comments	1/9/22	ACTUATION:
4			JAMB ANCHOR LOCATIONS
5			Dwg. No. 061421
6			
7			



A DIVISION OF OVERHEAD DOOR CORP. 4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399 361-888-5591 1-800-531-3111 FAX: 361-888-5510, 1-800-531-3108			
JOB METRO-DADE			
LOCATION:			
DISTRIBUTOR:			
DWN: JD	P.O. #	8 of 14	
CHK: JG	DATE 6-14-21	REVISION	3

Wood substrate at Header/Sill is not permitted, but allowed at jambs only.

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), 1.00" 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" Minimum Embedment, 2.50" Minimum Edge Distance. (Full Thread Engagement)

Masonry (Solid CMU ASTM C-90 Block - Crete-Flex SS4 1/4" FH Concrete Screw/Anchor, 1.25" Minimum Embedment, 2.50" Minimum Edge Distance

Aluminum (0.125" Thick Minimum / 6063-T5) - 1/4"-14 FH Sheetmetal Screw (Grade 5), 1.00" Minimum Edge Distance (Full Thread Engagement)

Wood (#2 SYP) - 1/4" X 4" Long Lag Bolt (Grade 5) 2.75" Minimum Penetration, 1.00" Minimum Edge Distance, Minimum Buck (2) 2 X 8 w/ Min G = 0.55.

THRESHOLD

Steel (0.125" Thick, Fy = 36 KSI) - ITW TEKS Screw #14-20 PFW 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/Anchor 1.75" Minimum Enbedment, 2.50" Minimum Edge Distance from substrate

Aluminum (0.125" Thick Minimum / 6063-T5) - 1/4" - 14 FH Sheetmetal Screw (Grade 5), 1.00" Minimum Edge Distance (Full Thread Engagement)

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By Ishag I. Chande
Miami-Dade Product Control

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Approval Date 01/20/2022

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Horton Automatics
HD-Storm Level E Impact
Series 2001 - Type 310 Bi-Part SO-SX-SX-SO
Series 2001 - Type 310 Single SO-SX or SX-SO
3-Point or Panic Hardware w/ CVR
6-1/2" or 10" Bottom Rail

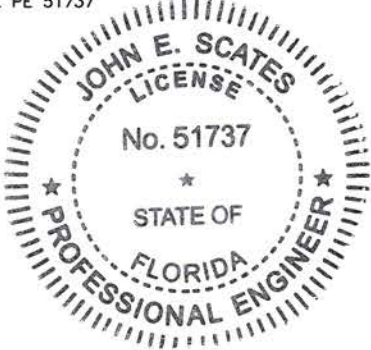
9'-0" x 8'-6" (108" X 102") (SO-SX)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

14'-6" x 8'-6" (174" X 102") (SO-SX-SX-SO)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

Bi - Parting & Single Slide Doors	
Design Pressure ± 80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile Complying with HVHZ Risk Category IV Essential Facility
Bi-Parting	

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	6/14/21	CONTRACTOR:
1	Scates Comments	11/13/21	SERIES: 310 TYPE "SO-SX-SX-SO"
2	DADE Comments	12/22/21	STILE: MEDIUM FINISH:
3	DADE Comments	1/8/22	ACTUATION:
4			SUBSTRATE NOTES FOR ANCHORS Dwg. No. 061421
5			
6			
7			

JOHN E. SCATES
2560 KING ARTHUR BLVD. #124-54
LEWISVILLE, TX 75056
FL PE 51737

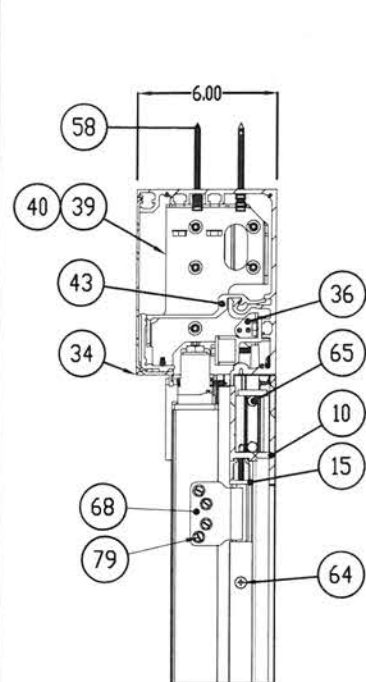


A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
361-888-5591 1-800-531-3111
FAX: 361-888-6510, 1-800-531-3108

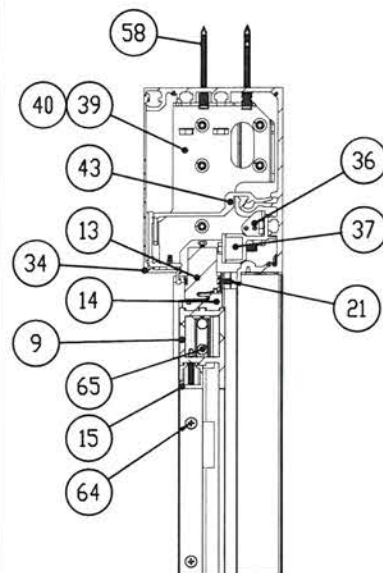
Horton
AUTOMATIC

JOB METRO-DADE

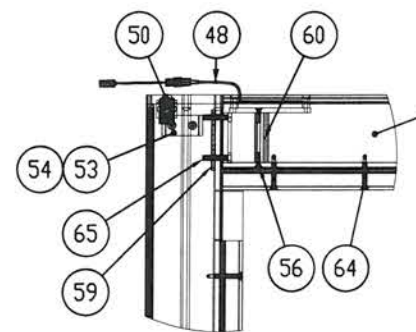
LOCATION:
DISTRIBUTOR:
DWN: JD P.O. # 9 of 14
CHK: JG DATE 8-13-21 REVISION 3



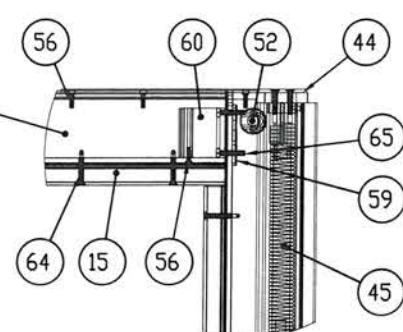
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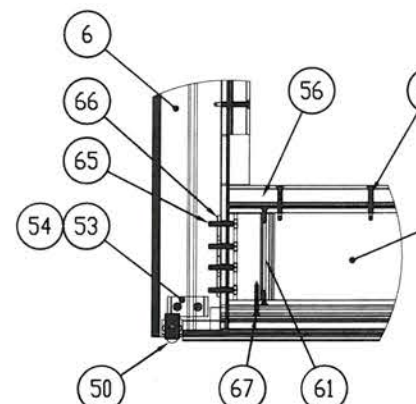
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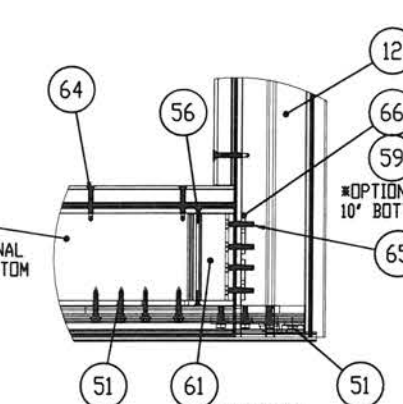
SD PANEL - LEAD SIDE
TOP CORNER



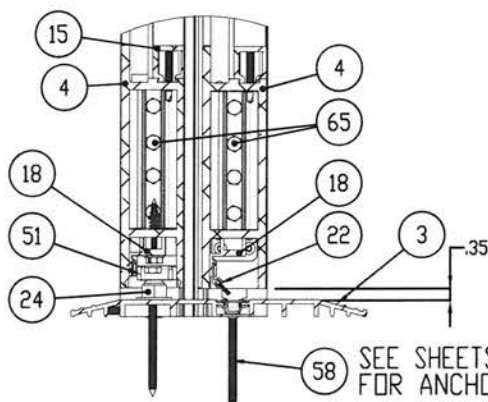
SD PANEL - PIVOT SIDE
TOP CORNER



SD PANEL - LEAD SIDE
BOTTOM CORNER

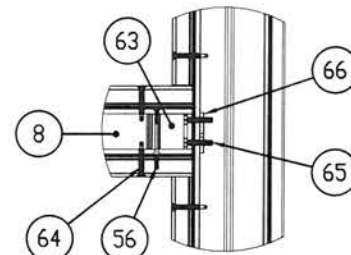


SD PANEL - PIVOT SIDE
BOTTOM CORNER



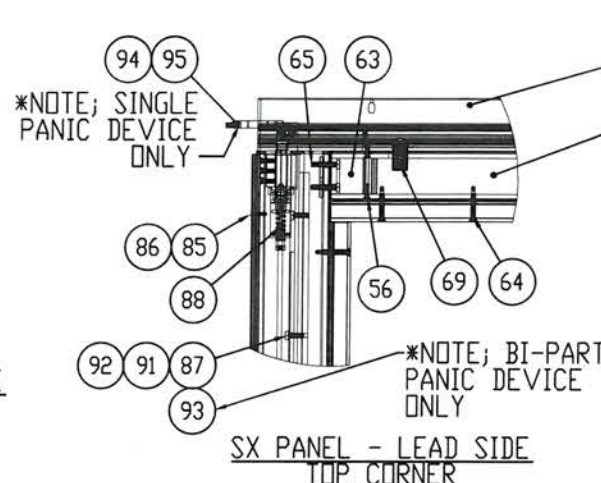
SECTION G-G

SEE SHEETS 5 & 7
FOR ANCHOR DETAILS

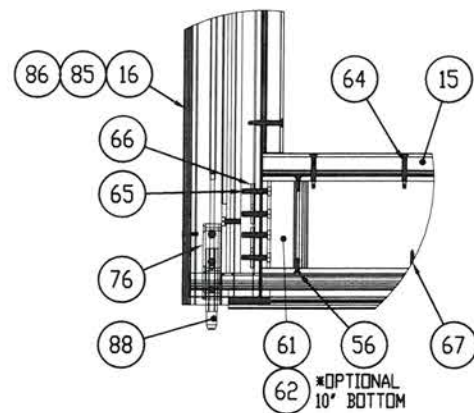


SD & SX PANEL TYPICAL
MUNTIN CONNECTION

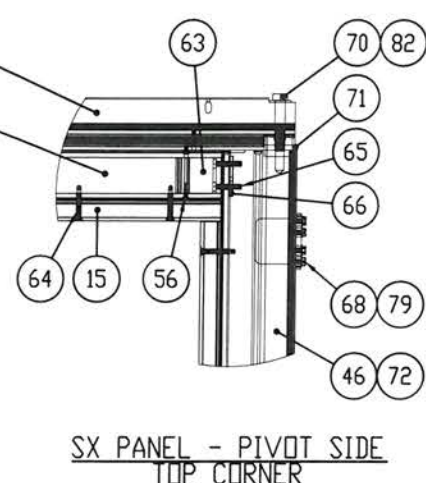
Horton Automatics
HD-Storm Level E Impact
Series 2001 - Type 310 Bi-Part SO-SX-SX-SO
Series 2001 - Type 310 Single SO-SX or SX-SO
3-Point or Panic Hardware w/ CVR
6-1/2" or 10" Bottom Rail



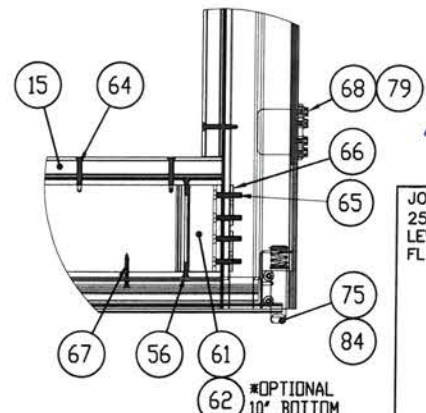
SX PANEL - LEAD SIDE
TOP CORNER



SX PANEL - LEAD SIDE
BOTTOM CORNER



SX PANEL - PIVOT SIDE
TOP CORNER



SX PANEL - PIVOT SIDE
BOTTOM CORNER

9'-0" x 8'-6" (108" X 102") (SO-SX)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

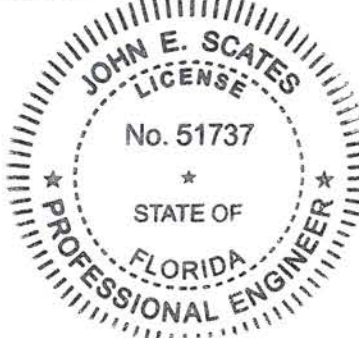
14'-6" x 8'-6" (174" X 102") (SO-SX-SX-SO)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

Bi - Parting & Single Slide Doors	
Design Pressure ±80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile
Bi-Parting	Complying with HVHZ Risk Category IV Essential Facility

REV.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	6/14/21	CONTRACTOR:
1	Scates Comments	11/15/21	SERIES: 310 TYPE "SO-SX-SX-SO"
2	DADE Comments	12/22/21	STYLE: MEDIUM FINISH:
3	DADE Comments	1/6/22	ACTUATION:
4			CORNER BLOCK DOOR
5			CONNECTIONS
6			Dwg. No. 061421
7			

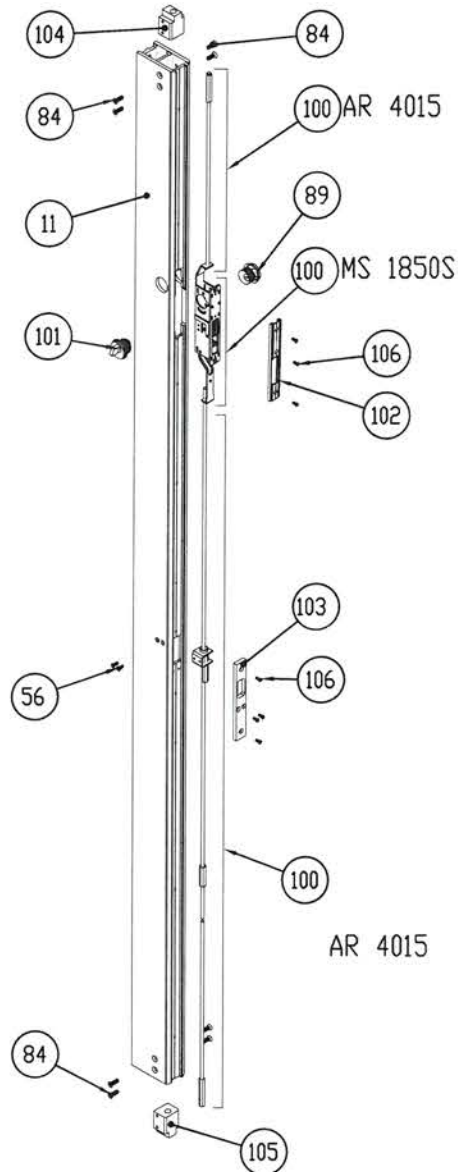
PRODUCT REVISED
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NOA-No. 23-0622.16
Expiration Date 01/20/2027
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Miami-Dade Product Control

JOHN E. SCATES
2560 KING ARTHUR BLVD. #124-54
LEWISVILLE, TX 75056
FL PE 51737

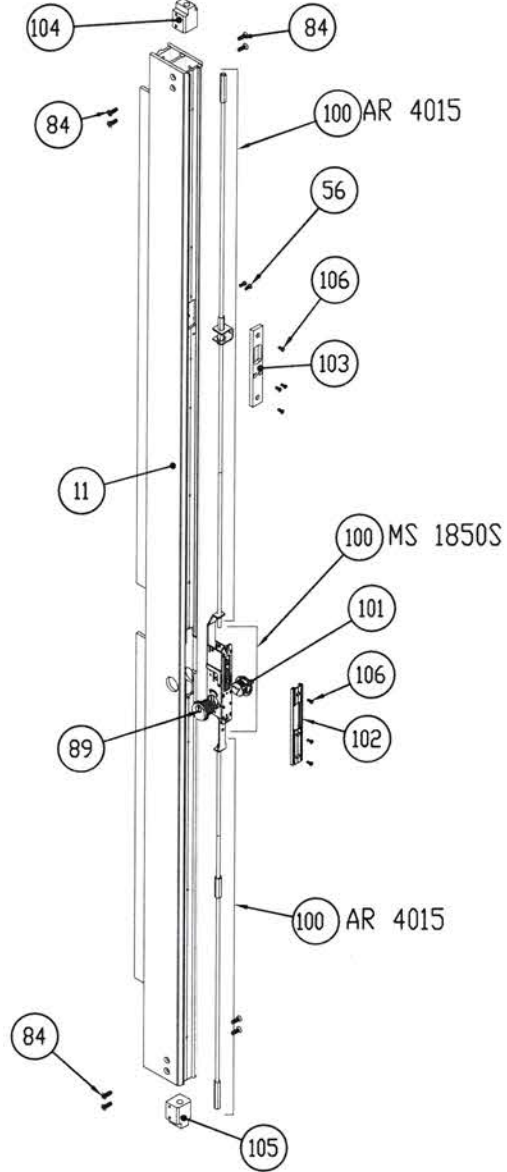


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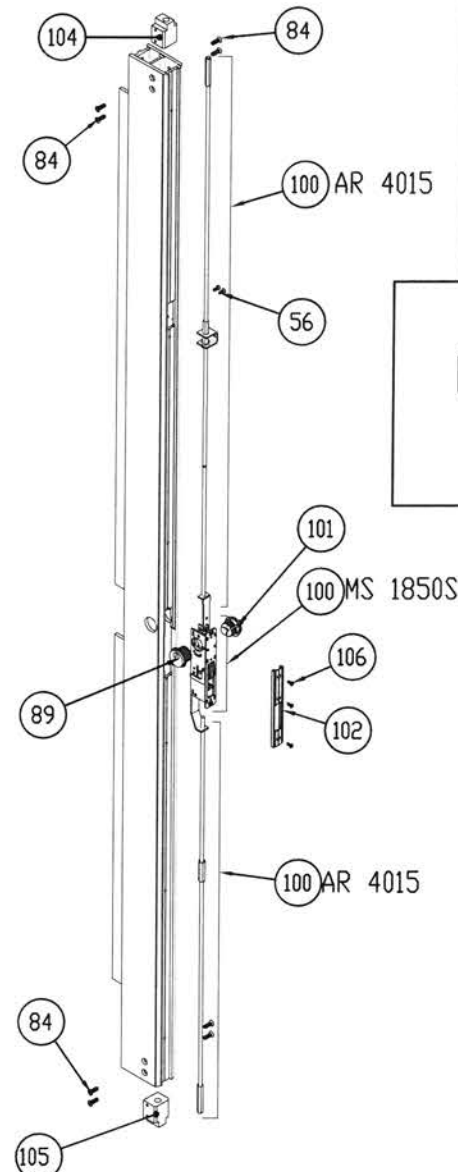
A DIVISION OF OVERHEAD DOOR CORP. 4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399 361-888-5591 1-800-531-3111 FAX: 361-888-6510, 1-800-531-3108	
Horton	
JOB METRO-DADE	
LOCATION:	
DWN: JD	P.O. #
CHK: JG	DATE 6-14-21
	REVISION 3



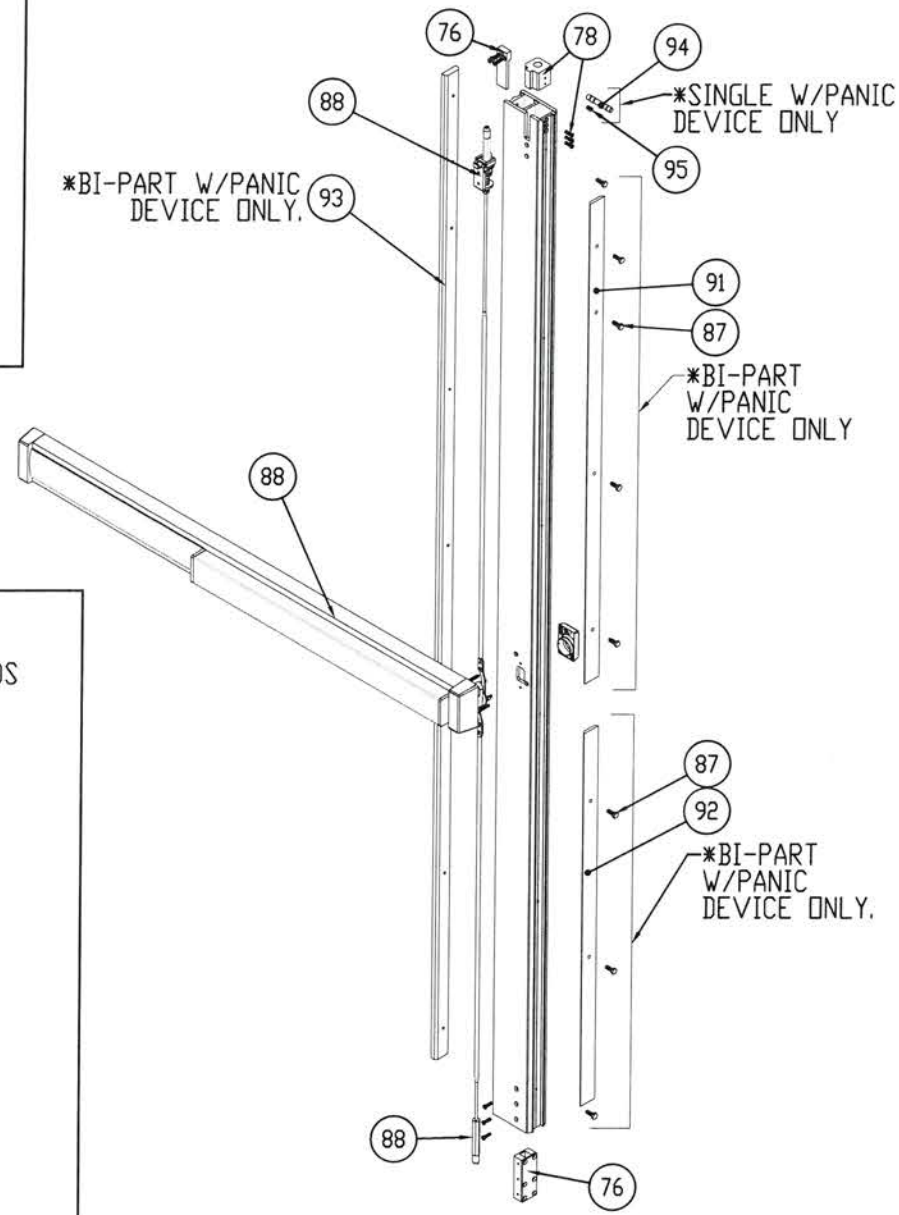
3-POINT LOCK DETAIL - BIPART
TOP CONNECTION - SO-SX-(SX)-SO



3-POINT LOCK DETAIL - BIPART
BOTTOM CONNECTION - SO-(SX)-SX-SO



3-POINT LOCK DETAIL - SINGLE
CONNECTION - SO-(SX)



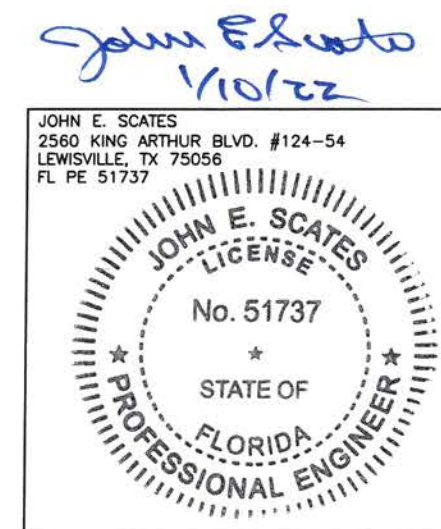
C2361 ADAMS RITE G86
PANIC EXIT DEVICE LOCK DETAIL
DENOTES BI-PART COMPONENTS

G-86 PANIC DEVICE OPTION

Bi - Parting & Single Slide Doors	
Design Pressure ± 80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile
Bi-Parting	Complying with HVHZ Risk Category IV Essential Facility

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	8/14/21	CONTRACTOR:
1	Scates Comments	11/15/21	SERIES: 310 TYPE: "SO-SX-SX-SO"
2	DADE Comments	12/22/21	STYLE: MEDIUM FINISH:
3	DADE Comments	1/8/22	ACTION:
4			LOCK MECHANISM
5			DETAILS & COMPONENTS
6			Dwg. No. 061421
7			

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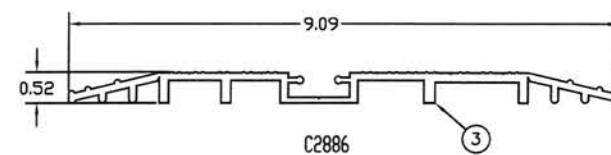
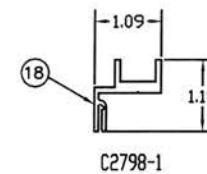
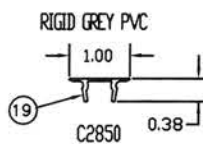
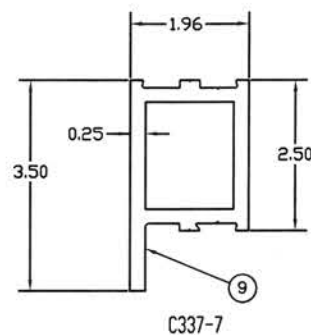
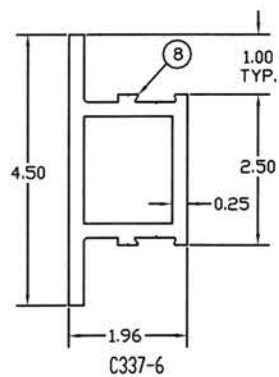
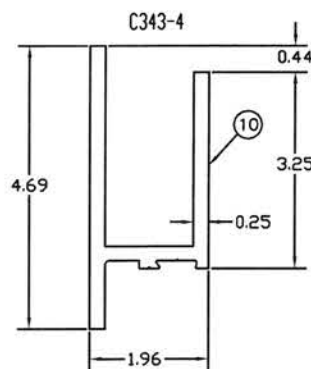
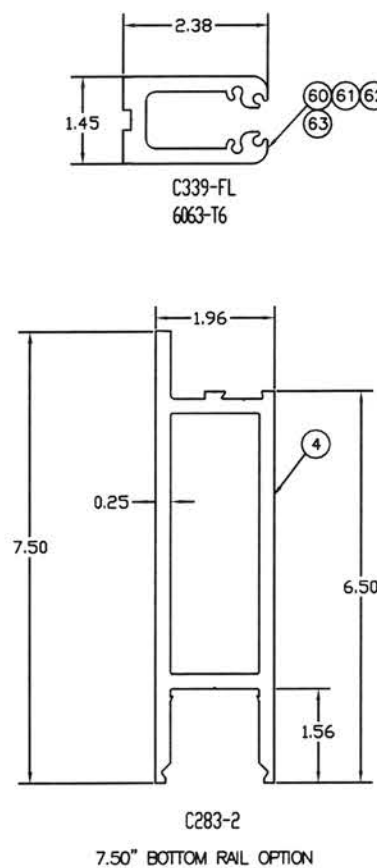
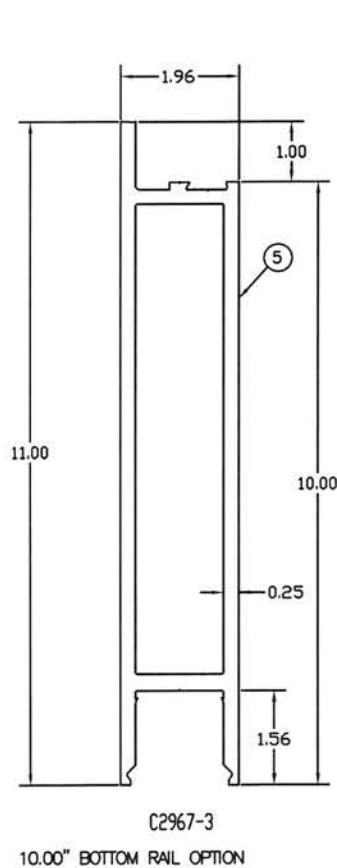
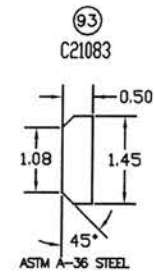
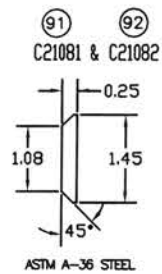
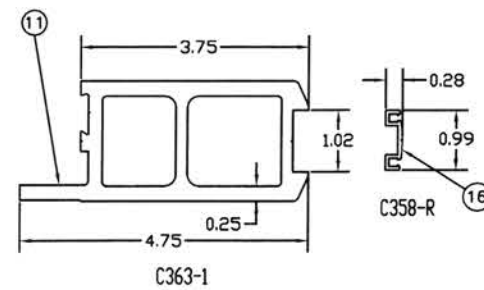
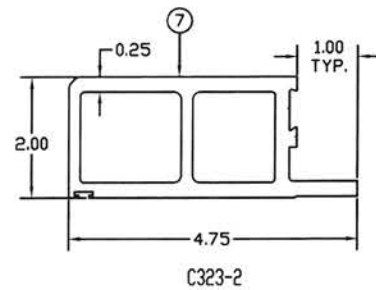
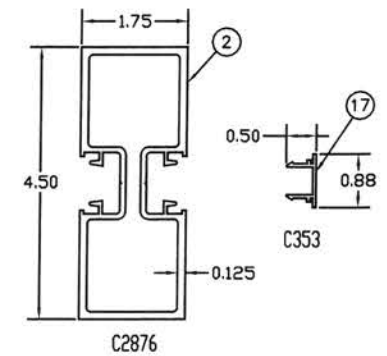
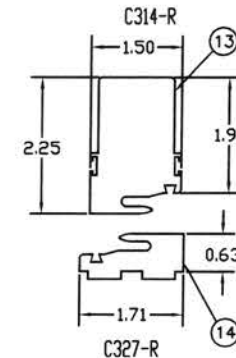
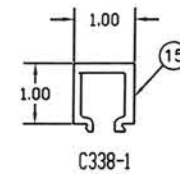
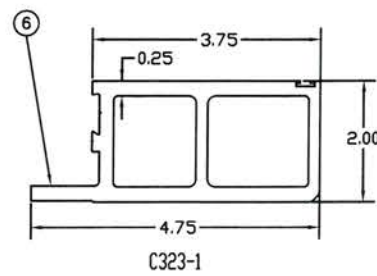
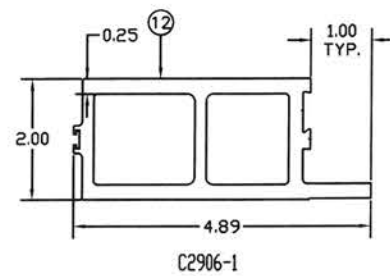
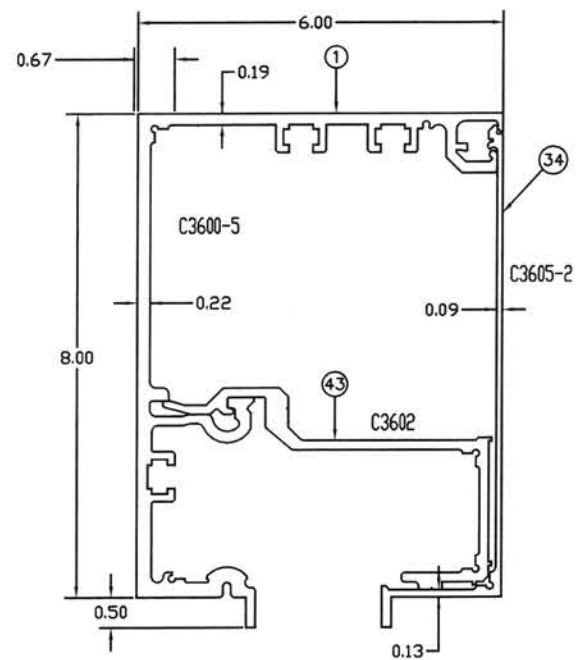


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Miami-Dade Product Control

Horton Automatics
HD-Storm Level E Impact
Series 2001 - Type 310 Bi-Part SO-SX-SX-SO
Series 2001 - Type 310 Single SO-SX or SX-SO
3-Point or Panic Hardware w/ CVR
6-1/2" or 10" Bottom Rail

9'-0" x 8'-6" (108" X 102") (SO-SX)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)
14'-6" x 8'-6" (174" X 102") (SO-SX-SX-SO)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
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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: JD P.O. #
CHK: JG	DATE 6-14-21 REVISION 3



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Miami-Dade Product Control

Horton Automatics
HD-Storm Level E Impact
Series 2001 - Type 310 Bi-Part SO-SX-SX-SO
Series 2001 - Type 310 Single SO-SX or SX-SO
3-Point or Panic Hardware w/ CVR
6-1/2" or 10" Bottom Rail

Bi - Parting & Single Slide Doors	
Design Pressure ± 80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile Complying with HVHZ Risk Category IV
Bi-Parting	Essential Facility

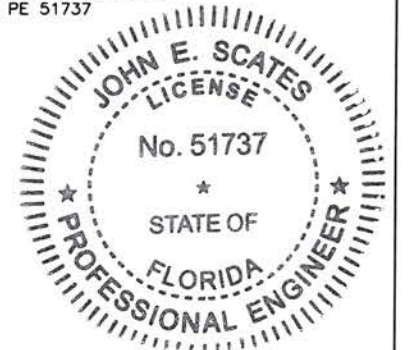
ALL EXTRUSIONS ARE 6063-T5 UNLESS
OTHERWISE NOTED & t = 1/4"

REV.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	8/14/21	CONTRACTOR:
1	Scates Comments	11/19/21	SERIES: 310 TYPE: "SO-SX-SX-SO"
2	DADE Comments	12/22/21	STILE: MEDIUM FINISH:
3	DADE Comments	1/8/22	ACTUATION:
4			
5			
6			
7			

EXTRUSION CHART
Dwg. No 061421

John E. Scates
1/10/22

JOHN E. SCATES
2560 KING ARTHUR BLVD. #124-54
LEWISVILLE, TX 75056
FL PE 51737



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LOCATION:	JOB METRO-DADE
DISTRIBUTOR:	
DWN: JD	P.O. #
CHK: JG	DATE 6-14-21
	REVISION 3

ITEM NO.	PART NUMBER	DESCRIPTION	ITEM NO.	PART NUMBER	DESCRIPTION	ITEM NO.	PART NUMBER	DESCRIPTION
1	C03600.005AB	ALUMINUM EXTRUSION; HEADER	41	C03613.002X	HEADER ENDCAP INTRANSOM	81	C05539.0000	GLASS SETTING BLOCK NEOPRENE
2	C02876.000AB	ALUMINUM EXTRUSION; JAMB	42	C03637.0004	BRACKET; FACE PLATE	82	C00867.0000	WASHER 1/2 SAE
3	C02886.002AB	ALUMINUM EXTRUSION; THRESHOLD 'SO-SX'	43	C03637.0001	HEADER SUPPORT-CENTER	83	C00541.0000	BOLT #10-24X1/2 HHBS
4	C00283.002AB	ALUMINUM EXTRUSION; BOTTOM RAIL	44	C00932.003AB	ASSY; TOP ARM- 'SD' CLOSER	84	C00887.0000	SCREW; 1/4-20 X 3/4' FHMS; PHILLIPS
5	C02967.003AB	ALUMINUM EXTRUSION; BOTTOM RAIL	45	C00942.0000	SPRING; CLOSER- 'D-SX'	85	C00664.001AB	SCREW; #8-32X3/4' FHMS
6	C00323.001AB	ALUMINUM EXTRUSION; INTERLOCK RAIL 'SD'	46	C00943.0000	ASSY; SPRING CLOSER 'SX-D'	86	C00672.0000	CLIP; ADJUSTABLE ASTRAGLE
7	C00323.002AB	ALUMINUM EXTRUSION; INTERLOCK RAIL 'SX'	47	C00675.0003	MAGNET ASSY MOUNTING PLATE	87	C08150.0000	BOLT, HEX HEAD 1/4-20 X 3/4' CAP PL
8	C00337.006AB	ALUMINUM EXTRUSION; MUNTIN 'SD'	48	C01087.0000	ASSY; MAGNET SD PANEL	88	C02361.005AB	ASSY; PANIC DEVICE ADAMS RITE GH86
9	C00337.007AB	ALUMINUM EXTRUSION; TOP RAIL 'SX'	49	C02798.0005	BOTTOM PIVOT SPACER SD PANEL C11-3	89	C00455.005AB	MORTISE, KEY, CYLINDER, 1-1/8", AR CAMM
10	C00343.004AB	ALUMINUM EXTRUSION; TOP RAIL 'SD'	50	C00805.0001	ASSY; BALL CATCH & BRKT	90	C00699.0000	BEAUTY ESCUTCHEON FOR LOCK
11	C00363.001AB	ALUMINUM EXTRUSION; STRIKE RAIL 'SX'	51	C00011.0003	SD BOTTOM PIVOT ASSY LEVEL E	91	C21081.0000	REINFORCEMENT A, STEEL, 1/4"X1-1/2", SX-Panel,
12	C02906.001AB	ALUMINUM EXTRUSION; PIVOT RAIL 'SD'	52	C01897.0000	CAP; DOOR CORD W/ MNTG. SCREWS	92	C21082.0000	REINFORCEMENT B, STEEL, 1/4"X1-1/2", SX-Panel,
13	C00314.000AB	ALUMINUM EXTRUSION; TOP BREAKOUT	53	C02656.0002	SPACER; SD-PANEL 310, HD STORM	93	C21083.0000	REINFORCEMENT C, STEEL, 1/4"X1-1/2", SX-Panel,
14	C00327.000AB	ALUMINUM EXTRUSION; BOTTOM BREAKOUT	54	SF0380.0000	BOLT, 10 X 3/4' PH TEK 410 SS	94	C00898.0000	PIN, GUIDE PANIC DEVICE SINGLE
15	C00338.001AB	ALUMINUM EXTRUSION; GLASS STOP	55	C00889.LVLE	INTERLOCK CLIP LEVEL_E HD 80	95	C12096.0000	SCREW 1/4-20 SET, THREAD, 1/2" LONG
16	C00358.000AB	ALUMINUM EXTRUSION; ASTRAGAL	56	C00449.00ABR	BOLT, 10-24 X 3/4", FH T23	96	C21063.0000	ASSY; SINGLE THRESHOLD GUIDE BLOCK
17	C00353.000AB	ALUMINUM EXTRUSION; COVER-JAMB RECESS	57	C00437.000A	SCREW; 10-24 X 1/2" FHMS, UC PHIL T23	97	C03681.0006	ASSY; IDLER WHEEL & CARRIAGE
18	C02798.0001	ALUMINUM EXTRUSION; WS HOLDER	58	SEE PAGE 9	SEE PAGE 9 FOR ANCHOR DETAIL	98	C03682.0008	ASSY; DRIVE WHEEL & CARRIAGE
19	C02850.0000	PLASTIC EXTRUSION; SNAP IN	59	C00538.000R	BACKER PLATE; CORNER BLK.	99	C01617.5962	3M 5962 VHB DOUBLE-SIDED FOAM TAPE
20	C00289.0000	PLASTIC EXTRUSION; CAP, NYLON	60	C00536.0006	ALUMINUM EXTRUSION; CORNER BLOCK	3-POINT LOCK COMPONENTS		
21	C00715.0000	EXTRUSION; SEAL SMOKE RATED	61	C00693.0006	ALUMINUM EXTRUSION; CORNER BLOCK	100	C00454.0000	LOCK, SECURITY AR MS1850S W/ADAMS RITE 4015
22	C00524.00FL	BOTTOM WEATHER STRIP	62	C00503.0005	ALUMINUM EXTRUSION; CORNER BLOCK	101	C00463.000AB	MORTISE THUMB TURN CYLINDER
23	C00350.0000	MOHAIR W/S ASTRAGAL	63	C00537.0003	ALUMINUM EXTRUSION; CORNER BLOCK	102	C00461.000AB	PLATE; MS LOCK COVER
24	K05551.0001	PIVOT GUIDE 'SD' PANEL	64	C21048.0000	FHMS #14 X 2" L	103	C21067.000R	KEEPER LOCK FOR BI-PART SX PANEL
25	C21065.0000	KIT, THRESHOLD, LOCK, BLOCK	65	C00470.0000	BOLT 1/4-20 X 1-1/4" CS L8	104	C00796.0003	GUIDE; BLOCK DROP BOLT 3 POINT LOCK
26	C05702.0000	NUT; KEPS 3/8"-16, PLATED	66	C00539.000R	BACKER PLATE; CORNER BLK.	105	C00897.0001	GUIDE BOLT BOTTOM 3 POINT LOCK
27	C04146.0000	BOLT; 3/8-16 X 1-1/2" HHMB	67	C09529.0000	SCREW; FHMS #10 1-3/4	106	C00458.000AB	SCREW #8-32 X 7/16 FHMS
28	C02187.0000	SCREW #6-32 X 3/8" FHMS PHILLIPS	68	C21054.0000	SCREW #14-14 X 1/2" HHSMS, BLUNT, ZP	<div>Horton Automatics</div> <div>HD-Storm Level E Impact</div> <div>Series 2001 - Type 310 Bi-Part SO-SX-SX-SO</div> <div>Series 2001 - Type 310 Single SO-SX or SX-SO</div> <div>3-Point or Panic Hardware w/ CVR</div> <div>6-1/2" or 10" Bottom Rail</div> <div>9'-0" x 8'-6" (108" X 102") (SO-SX)</div> <div>AR G-86 Panic Exit Device & Concealed Rod</div> <div>(See Sheet 11)</div> <div>3 - Point Lock Option</div> <div>(See Sheet 11)</div> <div>14'-6" x 8'-6" (174" X 102") (SO-SX-SX-SO)</div> <div>AR G-86 Panic Exit Device & Concealed Rod</div> <div>(See Sheet 11)</div> <div>3 - Point Lock Option</div> <div>(See Sheet 11)</div>		
29	C09029.000AB	SCREW #6 x 3/4, FHMS CROSS	69	C00801.0000	ASSY; BALL CATCH- LIGHT DUTY			
30	C05521.0000	WASHER, 5/16 LOCK	70	C00823.0002	BOLT; 1/2-13UNC x 2 1/2, HHMB, GR. 8, PL.			
31	C03683.0001	PLATE; JAMB MOUNT	71	C00809.005AB	CLOSER UPPER BAR SX PANEL			
32	C03694.0000	BUMPER; GROMMET	72	C00912.0000	ASSY; TORSION BAR			
33	C03961.0000	TOGGLE SWITCH	73	C00483.0000	LOCKWASHER, SPLIT 3/8"			
34	C03605.0002	ALUMINUM EXTRUSION; ELEGANT FACEPLATE	74	C00864.001P	SCREW; 1/4-20 X 3/8 BHSCS ALLEN			
35	C09404.0000	MAGNET RECESS HEADER	75	C21045.0000	ASSY-BOTTOM GUIDE, SPRING-LOADED, 'SX' PANEL			
36	C00888.006A	REINFORCEMENT CORNER	76	C21055.0000	ASSY-BRACKET, BTM, BOLT, CVR SX,			
37	C03672.000R	ASSY, BUMPER L.H.	77	C21059.0000	ASSY- BRACKET, TRIP-JACKSON PANIC			
38	C03672.000L	ASSY, BUMPER R.H.	78	C21060.0000	ASSY- GUIDE, TOP BOLT, CVR			
39	C03612.00RH	BRACKET RH HEADER END	79	C00888.LVLE	INTERLOCK CLIP			
40	C03612.00LH	BRACKET LH HEADER END	80	C02127.0001	SCREW; 0.25-28x1x1-C HX-SHCS			

NOTES:
PARTS LISTED BELOW ARE USED IN SPECIFIC APPLICATIONS. ALL OTHERS ARE USED IN BOTH SINGLE AND BI-PART CONFIGURATIONS.

ITEM (25) - BI-PART ONLY
ITEM (96) - SINGLE ONLY
ITEM (55) - BI-PART ONLY
ITEM (91) - BI-PART W/PANIC DEVICE ONLY
ITEM (92) - BI-PART W/PANIC DEVICE ONLY
ITEM (93) - BI-PART W/PANIC DEVICE ONLY
ITEM (94) - SINGLE W/PANIC DEVICE ONLY
ITEM (95) - SINGLE W/PANIC DEVICE ONLY

ITEM (58) - SEE PAGE 9 FOR ANCHOR DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0622.16

Expiration Date 01/20/2027

By Ishaq I. Chande
Miami-Dade Product Control

JOHN E. SCATES
2560 KING ARTHUR BLVD. #124-54
LEWISVILLE, TX 75056
FL PE 51737



PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-1216.02

Approval Date 01/20/2022

By Ishaq I. Chande
Miami-Dade Product Control

Bi - Parting & Single Slide Doors	
Design Pressure ± 80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile
Bi-Parting	Complying with HVHZ Risk Category IV Essential Facility

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	6/14/21	CONTRACTOR:
1	Scates Comments	11/15/21	SERIES: 310 TYPE: "SO-SX-SX-SO"
2	DADE Comments	12/22/21	STYLE: MEDIUM FINISH:
3	DADE Comments	1/8/22	ACTUATION:
4			
5			
6			
7			

13 of 14

DATE 6-14-21

REVISION 3

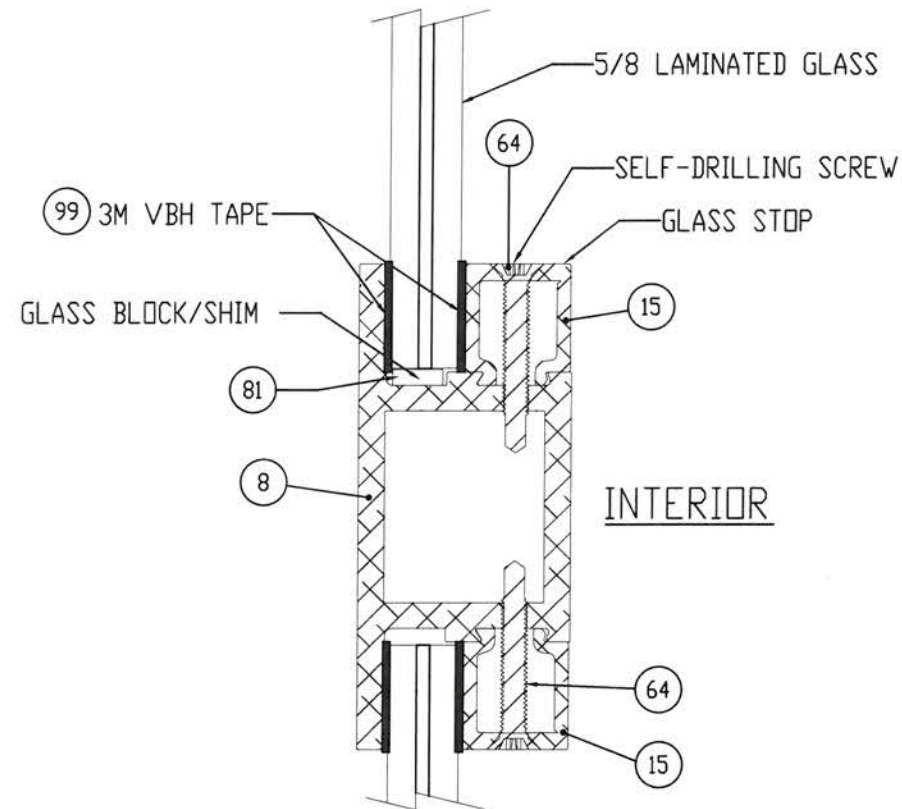
13 of 14

DATE 6-14-21

REVISION 3

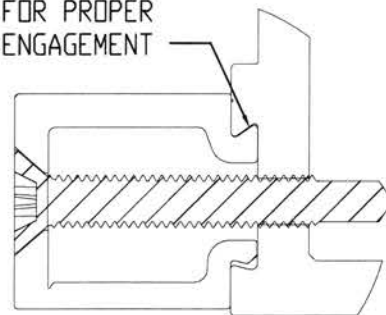
BILL OF MATERIALS
Dwg. No 061421

NOTE;
SEE MAX DLO (DAY LIGHT OPENING
IN ELEVATION SHEET 2)



HORIZONTAL RAIL - MUNTIN
GLAZING DETAIL

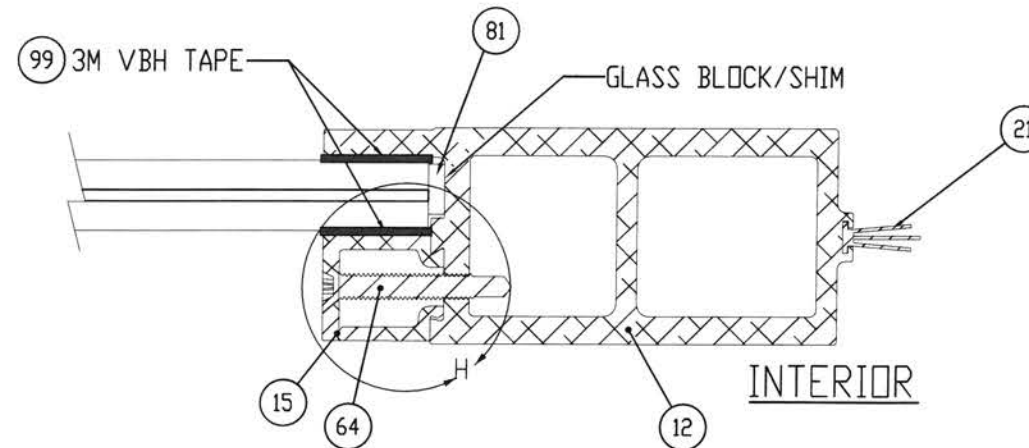
SHARP EDGE OF
EXTRUSION TOWARDS
GLASS FOR PROPER
ENGAGEMENT



INTERIOR

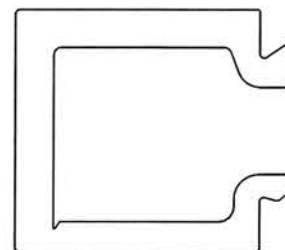
DETAIL H

GLASS DETAILS;
1/4" HEAT STRENGTHENED GLASS
1/8" MAKROLON POLYCARBONATE
INTERLAYER BY COVESTRO
1/4" HEAT STRENGTHENED GLASS



VERTICAL RAIL
GLAZING DETAIL

SHARP EDGE
OF EXTRUSION
TOWARDS GLASS



Horton Automatics
HD-Storm Level E Impact
Series 2001 - Type 310 Bi-Part SO-SX-SX-SO
Series 2001 - Type 310 Single SO-SX or SX-SO
3-Point or Panic Hardware w/ CVR
6-1/2" or 10" Bottom Rail

9'-0" x 8'-6" (108" X 102") (SO-SX)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

14'-6" x 8'-6" (174" X 102") (SO-SX-SX-SO)
AR G-86 Panic Exit Device & Concealed Rod
(See Sheet 11)
3 - Point Lock Option
(See Sheet 11)

Bi - Parting & Single Slide Doors	
Design Pressure ± 80 PSF	Impact Rating
Single	Large Missile (Level D & E) & Small Missile
Bi-Parting	Complying with HVHZ Risk Category IV Essential Facility

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
0	Original Drawing	8/14/21	CONTRACTOR:
1	Scopes Comments	11/15/21	SERIES: 310 TYPE "SO-SX-SX-SO"
2	DADE Comments	12/22/21	STYLE: MEDIUM FINISH:
3	DADE Comments	1/6/22	ACTUATION:
4			
5			
6			
7			

GLAZING DETAILS
Dwg. No. 061421

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0622.16
Expiration Date 01/20/2027
By Ishag I. Chanda
Miami-Dade Product Control

John E. Scates
1/10/22

JOHN E. SCATES
2560 KING ARTHUR BLVD. #124-54
LEWISVILLE, TX 75056
FL PE 51737



PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-1216.02
Approval Date 01/20/2022

By Ishag I. Chanda
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: JD	P.O. #
CHK: JC	DATE 6-14-21
REVISION	3