



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/building

Allegion Access Technologies, LLC
65 Scott Swamp Road
Farmington, CT 06032

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 “Dura Storm” Aluminum Automatic Sliding Glass Door: O-Sx-Sx-O, O-Sx and So-Sx-Sx-So, So-Sx w/ Operable Panels w/ Full Breakout-LMI

APPROVAL DOCUMENT: Drawing No. **23-67904** (former **33189**), titled “Series Dura-Storm 2000/3000 Auto SGD, Bi-Parting/Single Slide (LMI)”, sheets 1 thru 14 of 14 prepared by Engineering Express, dated January 09, 2024, signed and sealed by Frank L. Bennardo, 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

LIMITATIONS:

1. See elevation for anchors requirements in sheet **1** and Header clusters details in sheet **5** and Threshold clusters in sheet **9**. See sheets **2 & 3** for concealed 3-point locking (active panel) & 2-point (in-active). Also see applicable 2-point **G-86** CVR panic devices (active/inactive panels) for series **3000** in sheets **3 & 4** to be used w/ Horizontal muntin bars (detail V, sheet 12) and DLO height not to exceed 36-3/4” max.
2. Not approved where water infiltration is required. Fixed glass more than 36” wide must be supported with approved setting blocks per FBC requirements.
3. Electrical devices, functions and installation are not part of this approval and are to be reviewed and approved by Authority Having Jurisdiction (AHJ).

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



NOA No. 23-1127.04
Expiration Date: April 04, 2028
Approval Date: February 08, 2024
Page 1 of 2



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

NOTICE OF ACCEPTANCE (NOA)

**Allegion Access Technologies, LLC
65 Scott Swamp Road
Farmington, CT 06032**

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/building

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 & renews # 22-1207.04** and consists of page 1, this page 2 and evidence pages E-1, E-2, E-3, E-4, E-5 E-6 & E-7, as well as approval document mentioned above.

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

Ishaq I. Chanda



NOA No. 22-1207.04
Expiration Date: April 04, 2028
Approval Date: February 08, 2024
Page 2 of 2

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under file see below).
2. Drawing No. **14-1856** (former **12-SAT-13**), titled "Dura-Storm 2000/3000 Auto SGD, Bi-Parting/Single Slide-LMI", sheets 1 thru 14 of 14 prepared by Engineering Express, dated 07-01-12 and last revised on 10/15/2014, signed and sealed by Frank L. Bennardo, P.E.

B. TESTS (submitted under files #13-0529.23/#12-0807.03)

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 aluminum automatic entrance doors Sx-So w/ G-86 CVR Panic (TAS 202, 201/203-94) and So-Sx-Sx-So w/ Transom & G-86 CVR Panic (TAS 202), prepared by Fenestration Testing Laboratory, Inc. Test Report No. **FTL-7247**, dated 3/08/13, signed and sealed by Marlin D. Brinson, P. E

2. 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 aluminum automatic entrance doors, prepared by Fenestration Testing Laboratory, Inc. Test Report No. **FTL-6803**, dated 05/11/12 and last revised on 03/21/13, signed and sealed by Marlin D. Brinson, P. E.

Note: This test report has been revised by an addendum letter dated Nov 21, 2012, issued by Fenestration Testing Lab, signed and sealed by Marlin D. Brinson, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5th Edition), prepared by Engineering Express, dated 05-13-15, signed and sealed by Frank L. Bennardo, 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).

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1127.04
Expiration Date: April 04, 2028
Approval Date: February 08, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **13-1105.10** issued to SAF-GLAS, L.L.C. for “**SAF GLAS, Polycarbonate laminate**”, expiring on 12/16/17.
2. Notice of Acceptance No. **11-0624.01** issued to E.I. DuPont DE Nemours & Co., Inc. for their “**DuPont PVB Butacite ®**”, expiring on 12/11/16.
3. Technical strength data of Trelleborg EPDM per ASTM C864.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(5th Edition), prepared by Engineering Express, dated May 13, 2015, signed and sealed by Frank L. Bennardo, P.E.
2. Statement letter of no financial interest, prepared by Engineering Express, dated 08-02-12, signed and sealed by Frank L. Bennardo, P.E. (submitted under file # **12-0807.03**)
3. Lab compliance as part of the above referenced test report.

G. OTHER

1. This NOA **revises** NOA #**13-0529.23**, expiring 04/04/18.
2. Test proposals # 13-0006 dated 01/14/13 approved by RER and # 11-1016, dated NOV 11, 2011 approved by PERA and Test proposal # 11-1016, dated NOV 11, 2011 approved by PERA.
3. Manufacture supplied Adam Rites deadbolt/hook & bolts mechanism and G-86 CVR Panic exit brochures.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-0828.11

A. DRAWINGS

1. Drawing No. **14-1856**, titled “Series Dura-Storm 2000/3000 Auto SGD, Bi-Parting/Single Slide (LMI)”, sheets 1 thru 14 of 14 prepared by Engineering Express, dated 07/01/12 and last revised on 08/23/17, signed and sealed by Frank L. Bennardo, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, prepared by Engineering Express, dated 08/07/17, signed and sealed by Frank L. Bennardo, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).
- 2.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1127.04
Expiration Date: April 04, 2028
Approval Date: February 08, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **16-1117.01** issued Kuraray America, Inc. (formerly DuPont) for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/19.

F. STATEMENTS

1. Statement letter of conformance with **FBC 6th Edition (2017)**, prepared by Engineering Express, dated 07/31/17, signed and sealed by Frank L. Bennardo, P.E.

G. OTHER

1. This NOA **revises** NOA #**15-0127.07**, expiring on 04/04/18.

3. EVIDENCE SUBMITTED under previous submittal.

A. DRAWINGS

1. None.

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. **17-1026.04** issued to SAF-GLAS, L.L.C. for “**SAF GLAS, Polycarbonate laminate**”, expiring on 12/16/22.
2. Notice of Acceptance No. **17-1114.14** issued Kuraray America, Inc. (formerly DuPont) for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/19.

F. STATEMENTS

1. None.

G. OTHER

1. This NOA **renews** NOA #**17-0828.11**, expiring on 04/04/18.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1127.04
Expiration Date: April 04, 2028
Approval Date: February 08, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. EVIDENCE SUBMITTED under previous submittal

A. DRAWINGS

1. Drawing No. **33189** (former **14-1856**), titled “Series Dura-Storm 2000/3000 Auto SGD, Bi-Parting/Single Slide (LMI)”, sheets 1 thru 14 of 14 prepared by Engineering Express, dated 07/01/12, and last revised on 11/24/2020, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, 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. Technical strength data of Trelleborg EPDM per ASTM C864.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition), prepared by Engineering Express, dated 11/11/20, signed and sealed by Frank L. Bennardo, P.E.
2. Statement letter dated 11/25/20 referenced to general updated code note change only, prepared by Engineering Express, dated 11/25/20, signed and sealed by Frank L. Bennardo, P.E.

G. OTHER

1. This NOA revises NOA #18-0221.11, expiring 04/04/23.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1127.04
Expiration Date: April 04, 2028
Approval Date: February 08, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **33189** (former **14-1856**), titled “Series Dura-Storm 2000/3000 Auto SGD, Bi-Parting/Single Slide (LMI)”, sheets 1 thru 14 of 14 prepared by Engineering Express, dated 08/23/17, and last revised on NOV 10, 2022, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, 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. **22-0809.04** issued to SAF-GLAS, L.L.C. for “**SAF GLAS, Polycarbonate laminate**”, expiring on 12/16/27.
2. Notice of Acceptance No. **20-0915.22** issued Kuraray America, Inc. (formerly DuPont) for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.
3. Technical strength data of Trelleborg EPDM per ASTM C864.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition), prepared by Engineering Express, dated 11/10/2022, signed and sealed by Frank L. Bennardo, P.E.
2. Statement letter dated 11/10/22 requesting Renewal with no change and no changes have been made from previous approval, prepared by Engineering Express, dated 11/10/22, signed and sealed by Frank L. Bennardo, P.E.

G. OTHER

1. This NOA **renews #20-1216.27**, expiring 04/04/28.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1127.04
Expiration Date: April 04, 2028
Approval Date: February 08, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **33189** (former **14-1856**), titled “Series Dura-Storm 2000/3000 Auto SGD, Bi-Parting/Single Slide (LMI)”, sheets 1 thru 14 of 14 prepared by Engineering Express, dated 08/23/17, and last revised on FEB 10, 2023, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, 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. **22-0809.04** issued to SAF-GLAS, L.L.C. for “**SAF GLAS, Polycarbonate laminate**”, expiring on 12/16/27.
2. Notice of Acceptance No. **20-0915.22** issued Kuraray America, Inc. (formerly DuPont) for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.
3. Technical strength data of Trelleborg EPDM per ASTM C864.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition), prepared by Engineering Express, dated FEB 10, 2023, signed and sealed by Frank L. Bennardo, P.E.
2. Certificate of Amendment issued by State of Delaware dated September 01, 2022, **Stanley Access Technologies, LLC**, changed its name to **Allegion Access Technologies, LLC** signed by Jeffery W. Bullocks, Secretary of State, State of Delaware.
3. Certificate of Formation, issued by State of Delaware, dated September 01, 2022, amended **Stanley Access Technologies, LLC**, to **Allegion Access Technologies, LLC**, signed by Jeffrey W. Bullock, Secretary of State, State of Delaware.

G. OTHER

1. This NOA revises **#22-0830.08** (former **Stanley Access Technologies, LLC**), expiring 04/04/28.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1127.04
Expiration Date: April 04, 2028
Approval Date: February 08, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. New EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **23-67904** (former **33189**), titled “Series Dura-Storm 2000/3000 Auto SGD, Bi-Parting/Single Slide (LMI)”, sheets 1 thru 14 of 14 prepared by Engineering Express, dated January 09, 2024, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, 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. **22-0809.04** issued to SAF-GLAS, L.L.C. for “**SAF GLAS, Polycarbonate laminate interlayer**”, expiring on 12/16/27.
2. Notice of Acceptance No. **23-0717.31** issued Kuraray America, Inc. (formerly DuPont) for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 08/08/28.
3. Technical strength data of Trelleborg EPDM per ASTM C864.

F. STATEMENTS(items #3 and #4 submitted under previous NOA)

1. Statement letter of conformance to FBC 2023 (8th Edition), prepared by Engineering Express, dated November 14, 2023, signed and sealed by Frank L. Bennardo, P.E.
2. Statement letter of conformance to FBC 2020 (7th Edition), prepared by Engineering Express, dated FEB 10, 2023, signed and sealed by Frank L. Bennardo, P.E.
3. Certificate of Amendment issued by State of Delaware dated September 01, 2022, **Stanley Access Technologies, LLC**, changed its name to **Allegion Access Technologies, LLC** signed by Jeffery W. Bullocks, Secretary of State, State of Delaware.
4. Certificate of Formation, issued by State of Delaware, dated September 01, 2022, amended **Stanley Access Technologies, LLC**, to **Allegion Access Technologies, LLC**, signed by Jeffrey W. Bullock, Secretary of State, State of Delaware.

G. OTHER

1. This NOA revises #**22-0830.08** (former **Stanley Access Technologies, LLC**), expiring 04/04/28.

Ishaq I. Chanda

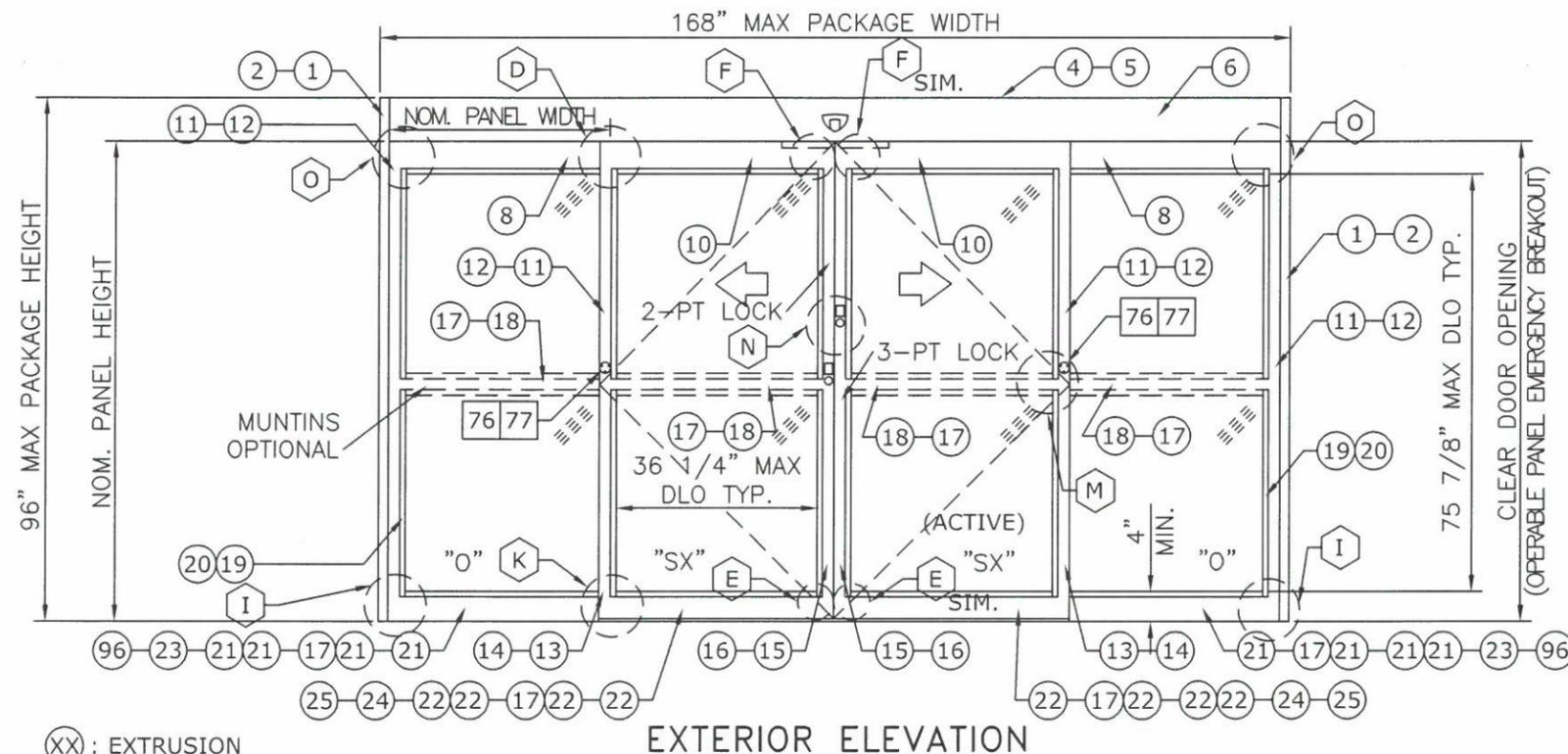
Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1127.04
Expiration Date: April 04, 2028
Approval Date: February 08, 2024

DURA-STORM SERIES 2000 ELEVATION AND PLAN

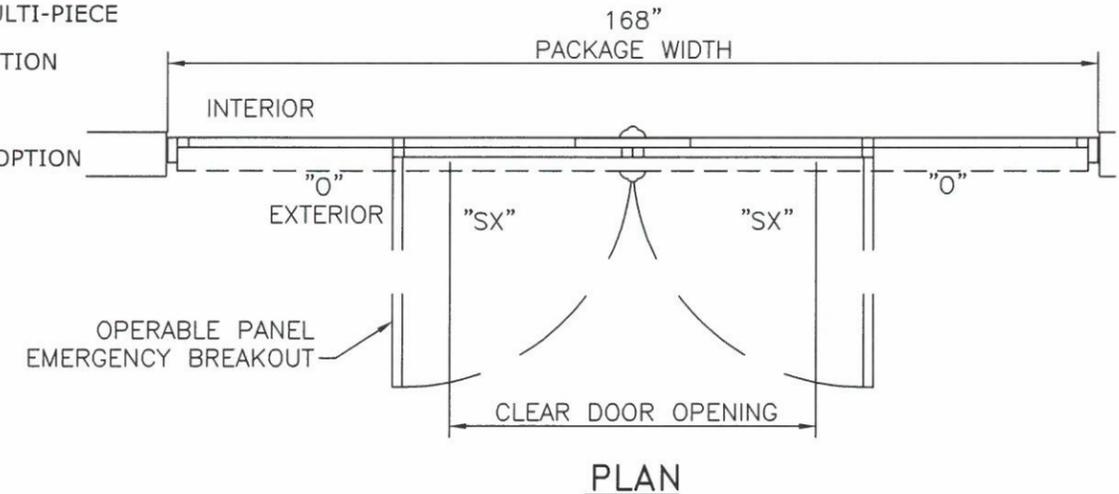
FRANK BENNARDO, PE
PE# 0046549 CA# 9885

JANUARY 9, 2024

FRANK L. BENNARDO
LICENSE
No PE0046549
STATE OF FLORIDA
PROFESSIONAL ENGINEER



- ⊗ : EXTRUSION
- ⊗⊗ : EXTRUSION, MULTI-PIECE
- ⊗⊗-⊗⊗ : EXTRUSION, OPTION
- ⊞ : PART
- ⊞⊞ : PART, MULTI-PIECE
- ⊞-⊞ : PART, OPTION
- ⊞⊞ : DETAIL
- ⊞⊞-⊞⊞ : DETAIL, OPTION



- NOTES**
- TYPICAL DOOR SHOWN. STILE, RAIL AND MUNTIN OPTIONS AVAILABLE AS INDICATED.
 - HORIZONTAL MUNTIN BAR NOT REQUIRED AS INDICATED BY DASHED LINES. MAX DLO: 36 1/4" W X 75 3/4" H AS SHOWN
 - 5-POINT LOCKING STANDARD (3-PT ACTIVE & 2-PT). SEE SHEET 13.
 - PRODUCT SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH PRODUCT APPROVALS.
 - SEE SHEETS 5, 6 AND 9 FOR REQUIRED ANCHORAGE.
 - SEE SHEET 12 FOR GLAZING DETAILS.

DESIGN RATINGS		
MISSILE IMPACT RATING		
<input checked="" type="checkbox"/>	LARGE AND SMALL MISSILE IMPACT	
DESIGN PRESSURE RATING (PSF[Pa])		
	WHERE WATER INFILTRATION RATING IS REQUIRED	WHERE WATER INFILTRATION RATING IS NOT REQUIRED
POSITIVE	NOT APPROVED	75 PSF
NEGATIVE	NOT APPROVED	75 PSF

SERIES 2000 BI-PART AVAILABLE PACKAGE WIDTH INFORMATION						
PACKAGE WIDTH	ROUGH OPENING	STILE TYPE	NOMINAL CLEAR DOOR OPENING	NOMINAL PANEL WIDTH (SX)	NOMINAL PANEL WIDTH (O)	CAULKING ALLOWANCE
168.0"	168.5"	NARROW	70.6"	42.7"	42.7"	1/4" / SIDE
168.0"	168.5"	MEDIUM	66.3"	43.4"	43.4"	1/4" / SIDE

SERIES 2000 BI-PART AVAILABLE PACKAGE HEIGHT INFORMATION			
PACKAGE HEIGHT	ROUGH OPENING	NOMINAL CLEAR DOOR OPENING	CAULKING ALLOWANCE
96.0"	96.3"	86.5"	1/4" TOP

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 23-1127.04
Expiration Date 04/04/2028
By *Ismael L. Chantz*
Miami-Dade Product Control

ENGINEERING EXPRESS
POSTAL ADDRESS:
2234 NORTH FEDERAL HWY #7664
BOCA RATON, FL 33431
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP RD.
FARMINGTON, CT 06032

ALLEGION

SAT SERIES "DURA-SOTRM 2000/3000" AUTO SGD
BI-PARTING / SINGLE SLIDE (LMI)
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DATE
INIT ISSUE	11/13/23
DRWN	
CHKD	
RS	
SQ	

COPYRIGHT ENGINEERING EXPRESS®

23-67904

SCALE: NTS UNLESS NOTED

02 OF 14

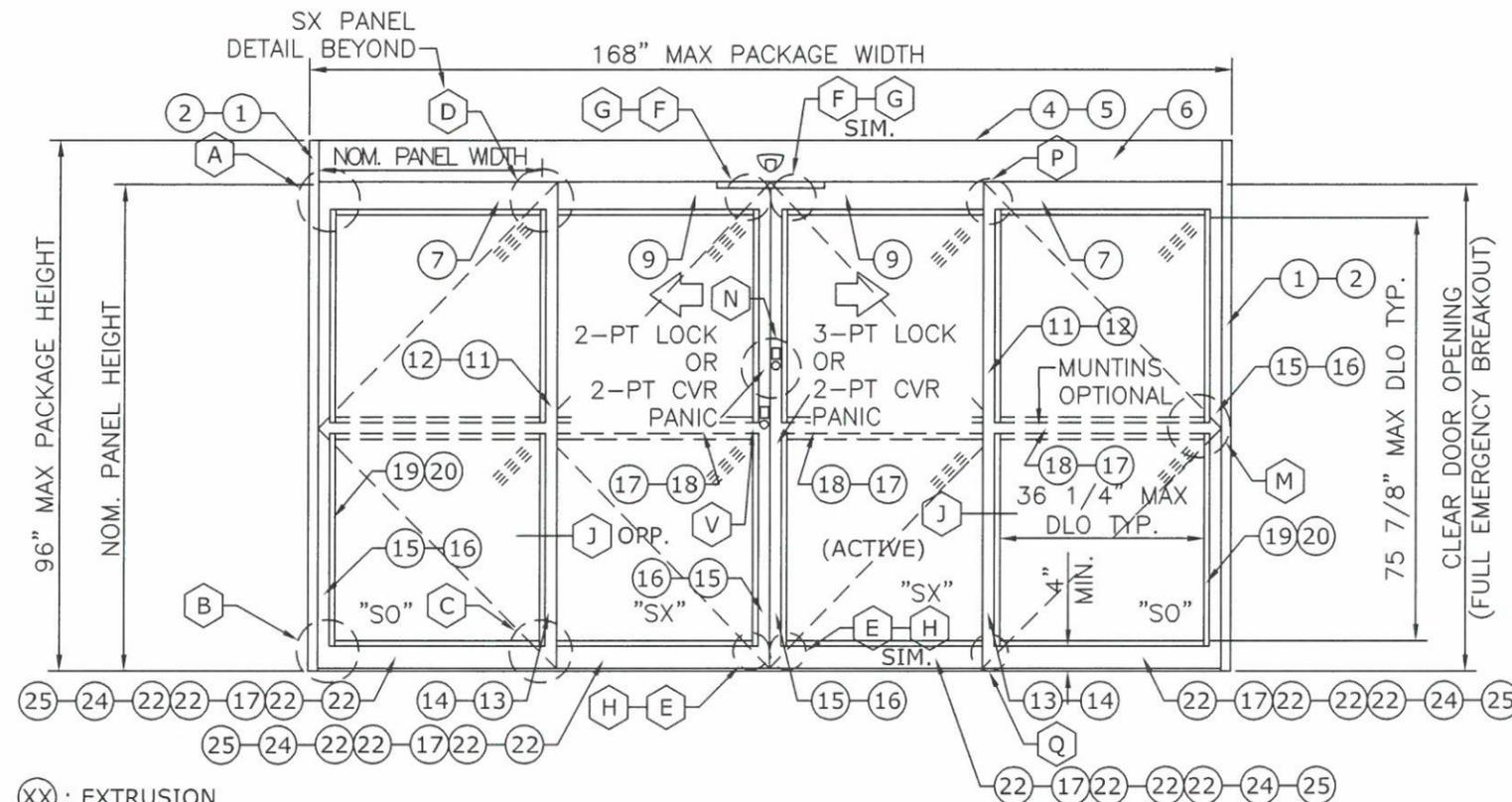
c:\users\sam\engineering\express\production - documents\projects\23-67901 multiple 2023 noa product update noa 22-1207\work\drawings & cad\2023 noa update\23-1127.04.dwg

DURA-STORM SERIES 3000 ELEVATION AND PLAN

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

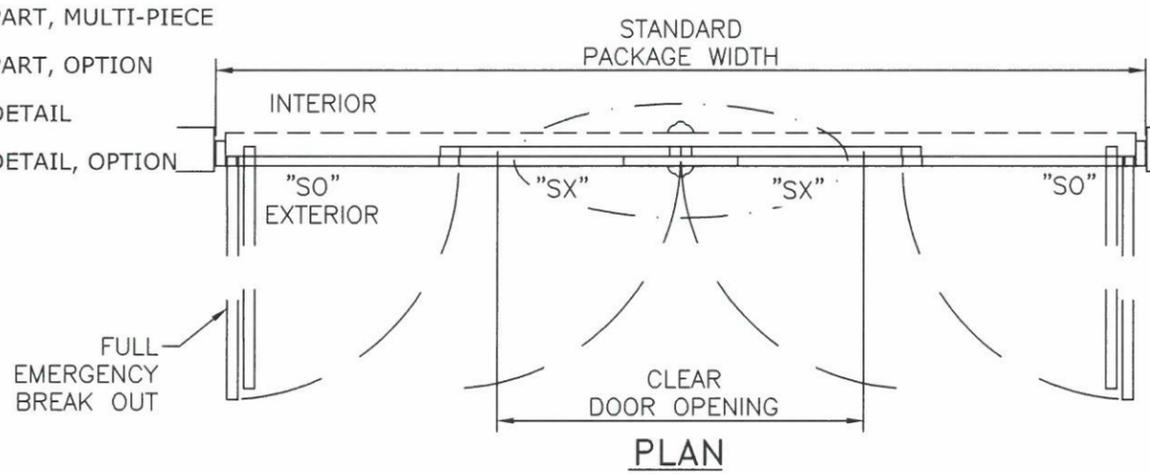
JANUARY 9, 2024

FRANK L. BENNARDO
LICENSE
No PE0046549
STATE OF FLORIDA
PROFESSIONAL ENGINEER



EXTERIOR ELEVATION

- (XX) : EXTRUSION
- (XX)(XX) : EXTRUSION, MULTI-PIECE
- (XX)-(XX) : EXTRUSION, OPTION
- [XX] : PART
- [XX][XX] : PART, MULTI-PIECE
- [XX]-[XX] : PART, OPTION
- (XX) : DETAIL
- (XX)-(XX) : DETAIL, OPTION



PLAN

- NOTES**
- TYPICAL DOOR SHOWN. STILE, RAIL AND MUNTIN OPTIONS AVAILABLE AS INDICATED.
 - HORIZONTAL MUNTIN BAR NOT REQUIRED EXCEPT AT PANIC DEVICE, AS INDICATED BY DASHED LINES. MAX DLO: 36 1/4" W X 75 3/4" H AS SHOWN; 36 3/4" H WITH PANIC DEVICE MUNTIN.
 - 4-POINT CVR LOCKING WITH G86 PANIC RELEASE (2-PT CVR ACTIVE & 2-PT CVR) AND 5-POINT LOCKING (3-PT ACTIVE & 2-PT) AVAILABLE. SEE SHEET 13.
 - PRODUCT SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH PRODUCT APPROVALS.
 - SEE SHEETS 5, 7, 8, AND 9 FOR REQUIRED ANCHORAGE.
 - SEE SHEET 12 FOR GLAZING DETAILS.

DESIGN RATINGS

MISSILE IMPACT RATING		
<input checked="" type="checkbox"/>	LARGE AND SMALL MISSILE IMPACT	
DESIGN PRESSURE RATING (PSF[Pa])		
	WHERE WATER INFILTRATION RATING IS REQUIRED	WHERE WATER INFILTRATION RATING IS NOT REQUIRED
POSITIVE	NOT APPROVED	75 PSF
NEGATIVE	NOT APPROVED	75 PSF

SERIES 3000 BI-PART AVAILABLE PACKAGE WIDTH INFORMATION

PACKAGE WIDTH	ROUGH OPENING	STILE TYPE	NOMINAL CLEAR DOOR OPENING	NOMINAL PANEL WIDTH (SX)	NOMINAL PANEL WIDTH (O)	CAULKING ALLOWANCE
168.0"	168.5"	NARROW	70.6"	42.7"	42.7"	1/4" / SIDE
168.0"	168.5"	MEDIUM	66.3"	43.4"	43.4"	1/4" / SIDE

SERIES 3000 BI-PART AVAILABLE PACKAGE HEIGHT INFORMATION

PACKAGE HEIGHT	ROUGH OPENING	NOMINAL CLEAR DOOR OPENING	CAULKING ALLOWANCE
96.0"	96.3"	86.5"	1/4" TOP

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 23-1127.04
Expiration Date 04/04/2028
By *Ismael L. Chantz*
Miami-Dade Product Control

ENGINEERING EXPRESS
POSTAL ADDRESS:
2234 NORTH FEDERAL HWY #7664
BOCA RATON, FL 33431
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP RD.
FARMINGTON, CT 06032

ALLEGION

SAT SERIES "DURA-SOTRM 2000/3000" AUTO SGD
BI-PARTING / SINGLE SLIDE (LMI)
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DATE
INIT ISSUE	11/13/23
DRWN	
CHKD	
RS	
SQ	

COPYRIGHT ENGINEERING EXPRESS®

23-67904

SCALE: NTS UNLESS NOTED

03 OF 14

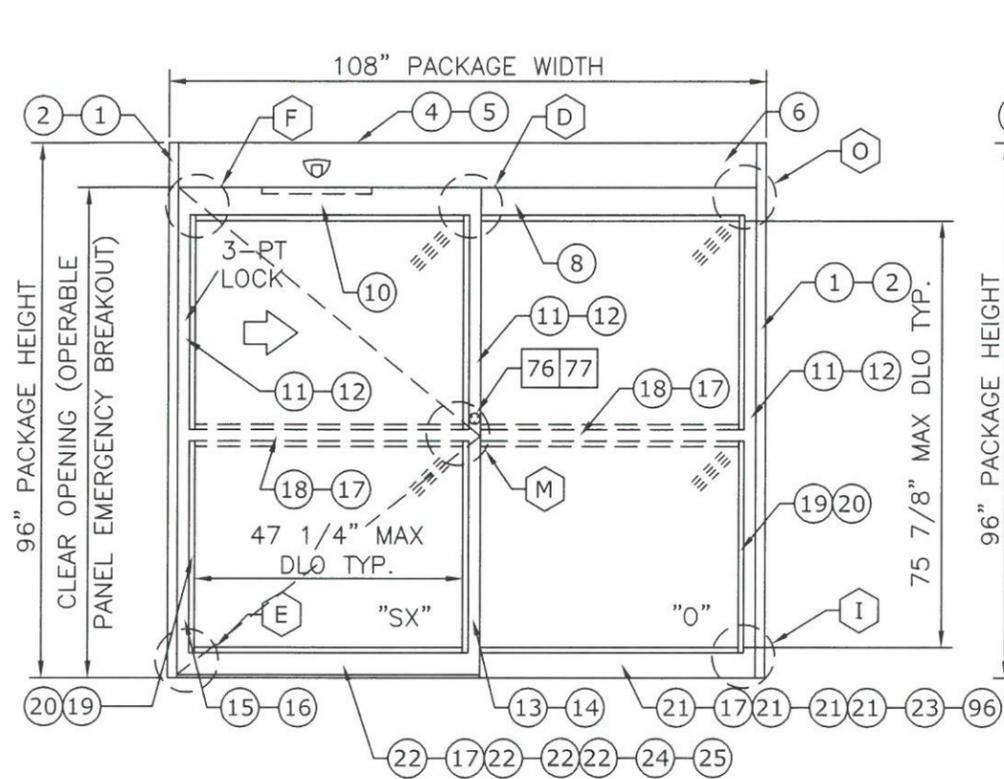
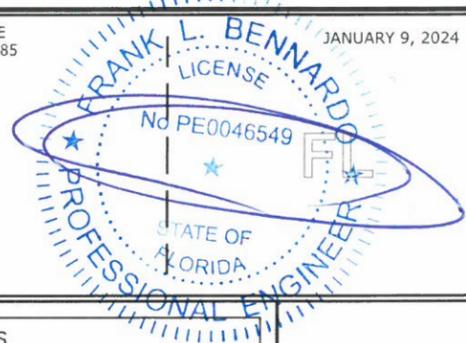
c:\users\sam\engineering\express\production - documents\projects\23-1127\work\drawings & cad\2023 noa update\23-1127.04.dwg

1/9/2024 9:26 AM

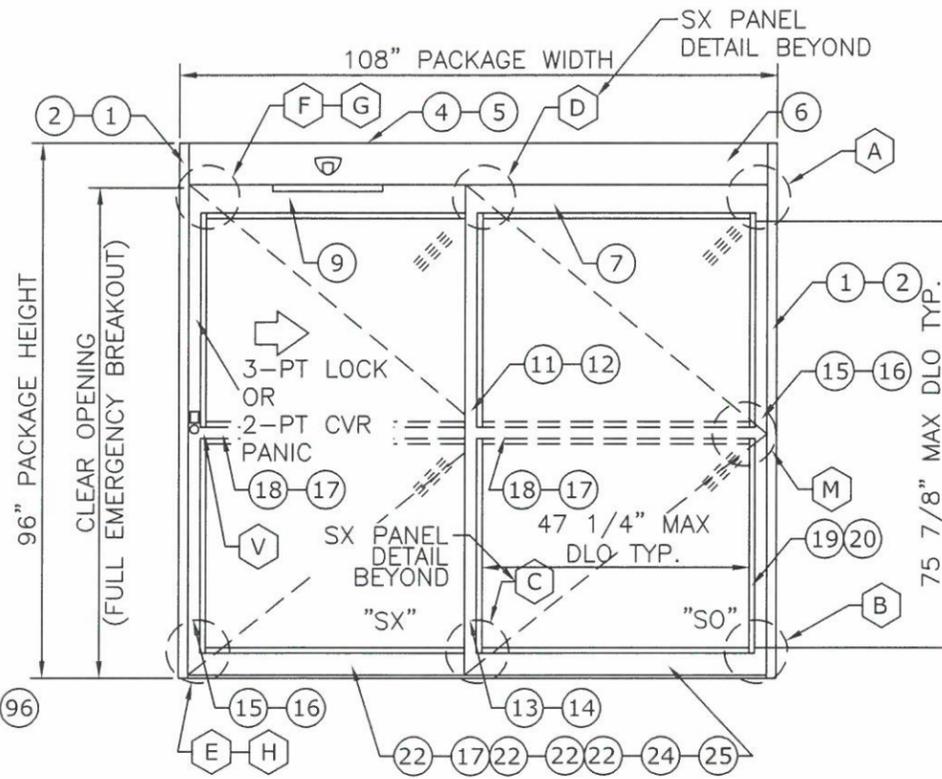
SAM

DURA-STORM SERIES 2000/3000 SINGLE SLIDES, ELEVATION AND PLAN

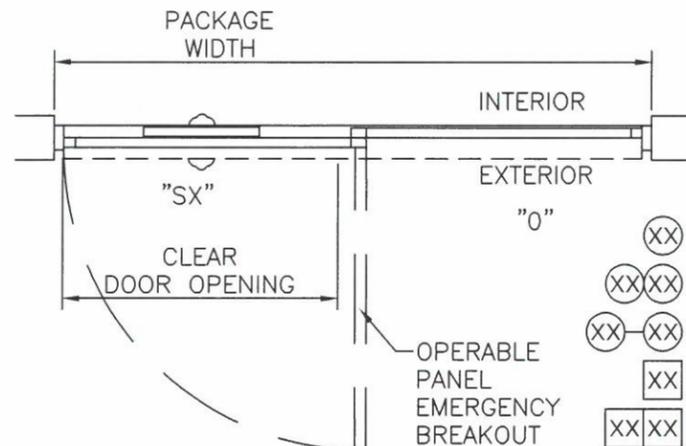
FRANK BENNARDO, PE
PE# 0046549 CA# 9885



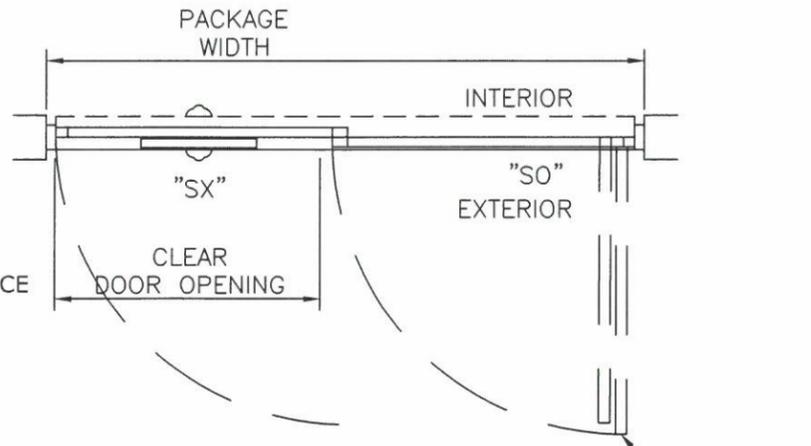
SERIES 2000 (SX-O) SINGLE SLIDE
EXTERIOR ELEVATION



SERIES 3000 (SX-SO) SINGLE SLIDE
EXTERIOR ELEVATION



SERIES 2000 (SX-O) SINGLE SLIDE
PLAN



SERIES 3000 (SX-SO) SINGLE SLIDE
PLAN

- XX : EXTRUSION
- XX-XX : EXTRUSION, MULTI-PIECE
- XX-XX : EXTRUSION, OPTION
- XX : PART
- XX-XX : PART, MULTI-PIECE
- XX-XX : PART, OPTION
- XX : DETAIL
- XX-XX : DETAIL, OPTION

DESIGN RATINGS		
MISSILE IMPACT RATING		
<input checked="" type="checkbox"/>	LARGE AND SMALL MISSILE IMPACT	
DESIGN PRESSURE RATING (PSF[Pa])		
	WHERE WATER INFILTRATION RATING IS REQUIRED	WHERE WATER INFILTRATION RATING IS NOT REQUIRED
POSITIVE	NOT APPROVED	75 PSF
NEGATIVE	NOT APPROVED	75 PSF

SERIES 2000 AND 3000 SINGLE SLIDE AVAILABLE PACKAGE WIDTH INFORMATION						
PACKAGE WIDTH	ROUGH OPENING	STILE TYPE	NOMINAL CLEAR DOOR OPENING	NOMINAL PANEL WIDTH (SX)	NOMINAL PANEL WIDTH (O)	CAULKING ALLOWANCE
108.0"	108.5"	NARROW	46.4"	53.8"	53.8"	1/4" / SIDE
108.0"	108.5"	MEDIUM	44.3"	54.6"	54.6"	1/4" / SIDE

SERIES 2000 AND 3000 SINGLE SLIDE AVAILABLE PACKAGE HEIGHT INFORMATION			
PACKAGE HEIGHT	ROUGH OPENING	NOMINAL CLEAR DOOR OPENING	CAULKING ALLOWANCE
96.0"	96.3"	86.5"	1/4" TOP

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 23-1127.04

Expiration Date 04/04/2028

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

NOTES

- TYPICAL DOOR SHOWN. STILE, RAIL AND MUNTIN OPTIONS AVAILABLE AS INDICATED.
- HORIZONTAL MUNTIN BAR NOT REQUIRED EXCEPT AT PANIC DEVICE AS INDICATED BY DASHED LINES. MAX DLO: 47 1/4" W X 76" H AS SHOWN; 36 3/4" H WITH PANIC DEVICE MUNTIN.
- 2-POINT CVR LOCKING WITH G86 PANIC RELEASE AND 3-POINT LOCKING AVAILABLE ON SERIES 3000. 3-POINT ONLY ON SERIES 2000. SEE SHEET 13.
- PRODUCT SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH PRODUCT APPROVALS.
- SEE SHEETS 5, 7, 8 AND 9 FOR REQUIRED ANCHORAGE.
- SEE SHEET 12 FOR GLAZING DETAILS.

ENGINEERING EXPRESS
POSTAL ADDRESS:
2234 NORTH FEDERAL HWY #7664
BOCA RATON, FL 33431
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP RD.
FARMINGTON, CT 06032
SAT SERIES "DURA-SOTRM 2000/3000" AUTO SGD
BI-PARTING / SINGLE SLIDE (LMT)
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DATE
INIT ISSUE	11/13/23
DRWN	
CHKD	
RS	
SQ	

COPYRIGHT ENGINEERING EXPRESS®

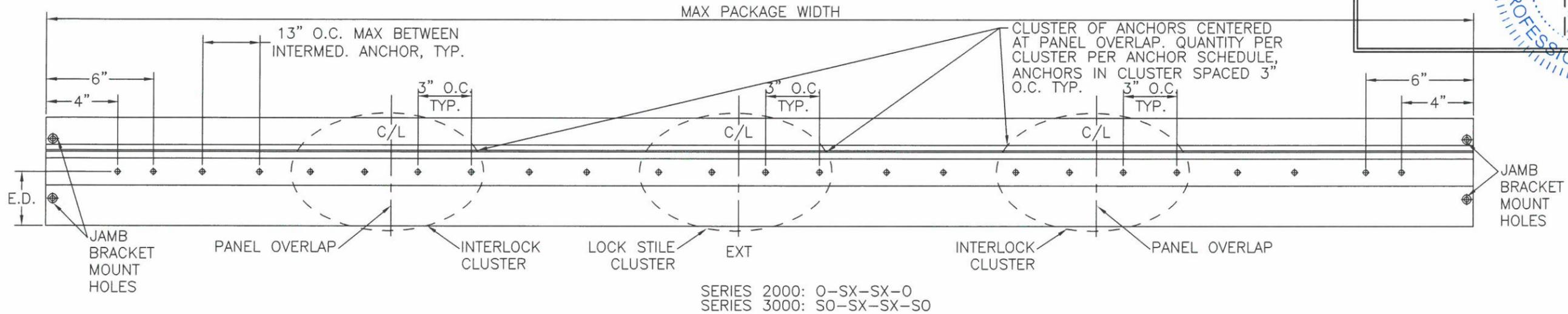
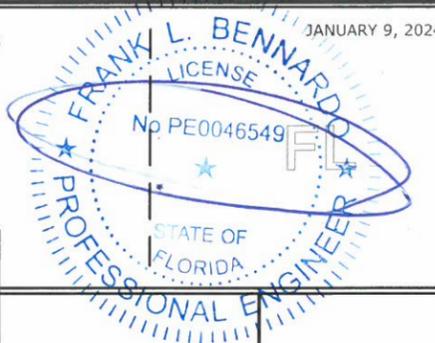
23-67904
SCALE: NTS UNLESS NOTED

04 OF 14

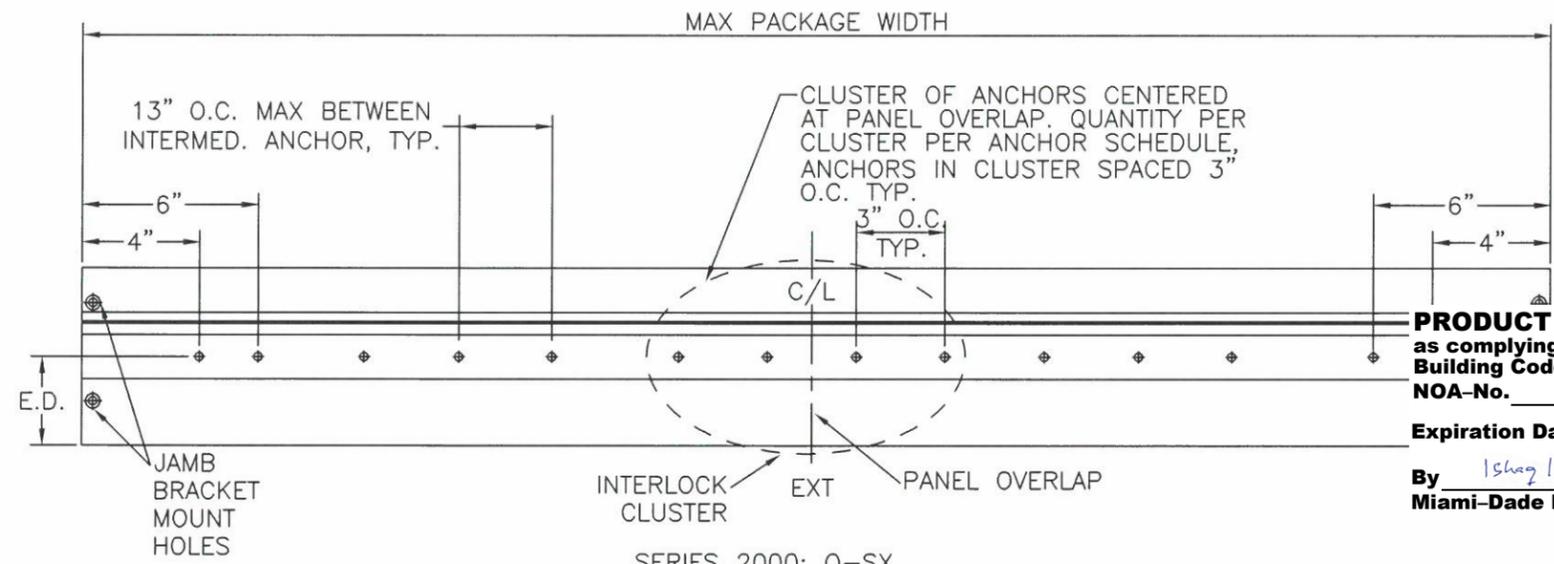
c:\users\sam\engineering\express\production - documents\projects\23-67901\multiple 2023 noa product update noa 22-1207\work\drawings & cad\2023 noa update\23-1127.04.dwg

DURA-STORM SERIES 2000/3000 HEADER ANCHORING

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



SERIES 2000: O-SX-SX-O
SERIES 3000: SO-SX-SX-SO
HEADER ANCHORING
N.T.S. BI-PARTING



SERIES 2000: O-SX
SERIES 3000: SO-SX
HEADER ANCHORING
N.T.S. SINGLE SLIDE

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-1127.04
Expiration Date 04/04/2028
By *Ismael I. Chanda*
Miami-Dade Product Control

SEE JAMB ANCHORS SHEETS 6 THROUGH 8, AND THRESHOLD ANCHORS SHEET 8. THRESHOLD ANCHORS APPLICABLE ONLY TO 3KSI CONCRETE.

ANCHOR SCHEDULE									
HOST STRUCTURE	ANCHOR	EMBEDMENT	EDGE DISTANCE	NUMBER OF ANCHORS PER INTERLOCK/LOCK STILE CLUSTER				MAX INTERMEDIATE ANCHOR SPACING ALONG HEAD & THRESHOLD	MAX ANCHOR SPACING ALONG JAMBS
				HEAD		THRESHOLD			
				SINGLE SLIDE	BI-PART	SINGLE SLIDE	BI-PART		
3KSI MIN. CONCRETE	1/4" POWERS/RAWL PERMASEAL TAPPER	1-1/2"	3"	4	4	6	6	13" O.C. MAX	17-5/8" O.C. MAX
3/16" MIN. A36 STEEL	1/4-20 SAE GR. 5 SMS	FULL THREAD ENGAGEMENT	1/2"	4	4	N/A	N/A	13" O.C. MAX	17-5/8" O.C. MAX
G=0.55 MIN. WOOD	#14 WOOD SCREW	2"	3/4"	4	4	N/A	N/A	13" O.C. MAX	17-5/8" O.C. MAX
0.090" MIN. 6063-T5 ALUM.	#14 SAE GR. 5 SDS	FULL THREAD ENGAGEMENT	1/2"	4	4	N/A	N/A	13" O.C. MAX	17-5/8" O.C. MAX

ENGINEERING EXPRESS
POSTAL ADDRESS:
2234 NORTH FEDERAL HWY # 7664
BOCA RATON, FL 33431
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP RD.
FARMINGTON, CT 06032
SAT SERIES "DURA-SOTRM 2000/3000" AUTO SGD
BI-PARTING / SINGLE SLIDE (LMT)
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DATE
INIT ISSUE	11/13/23
DRWN	
CHKD	
RS	
SQ	

23-67904

SCALE: NTS UNLESS NOTED

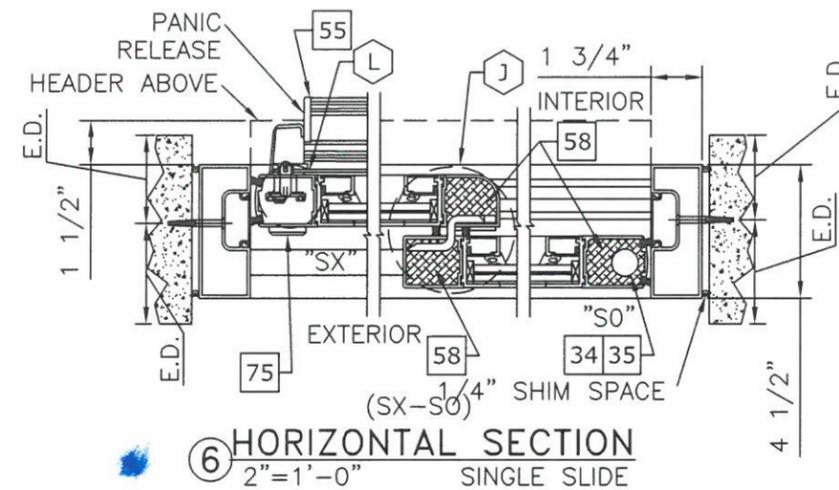
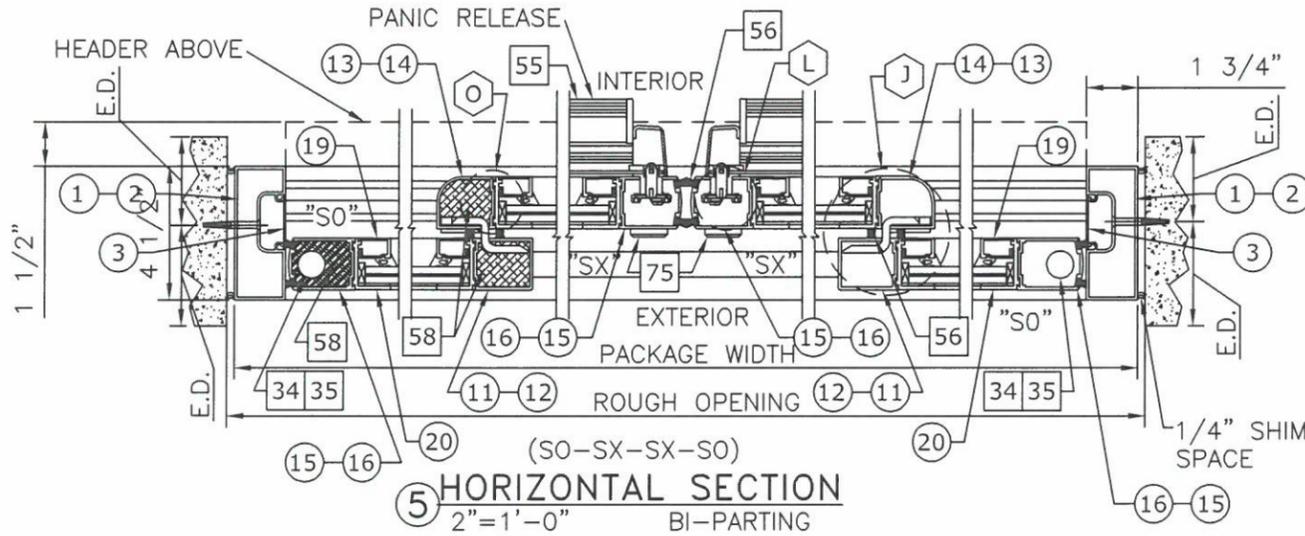
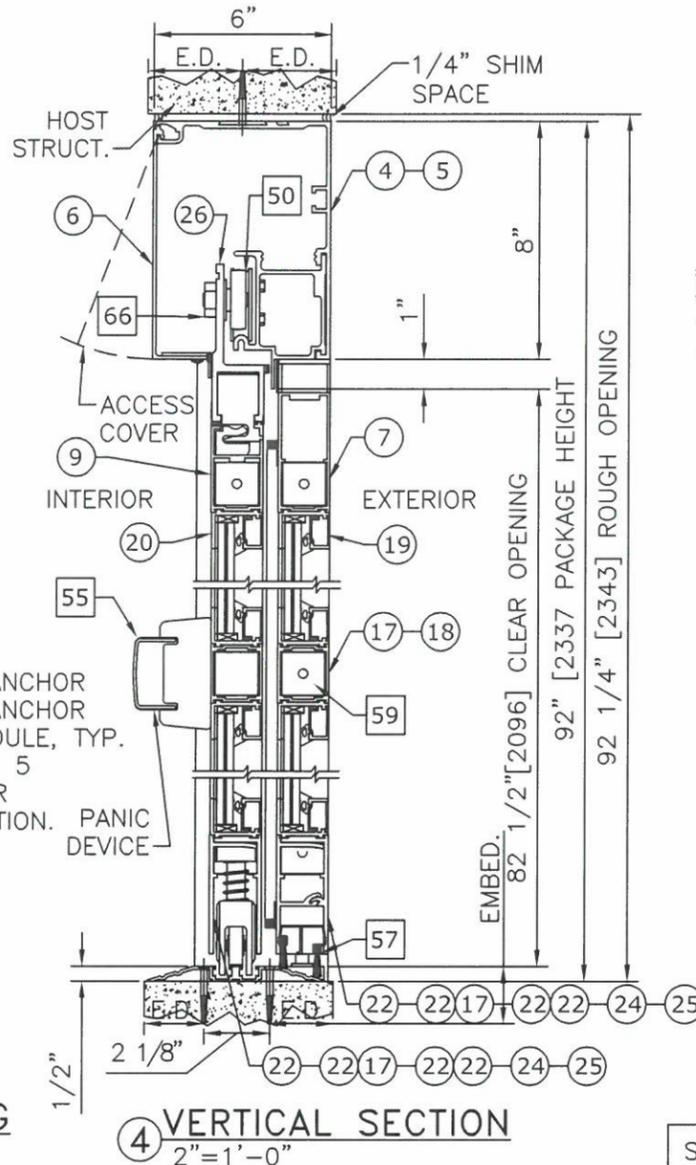
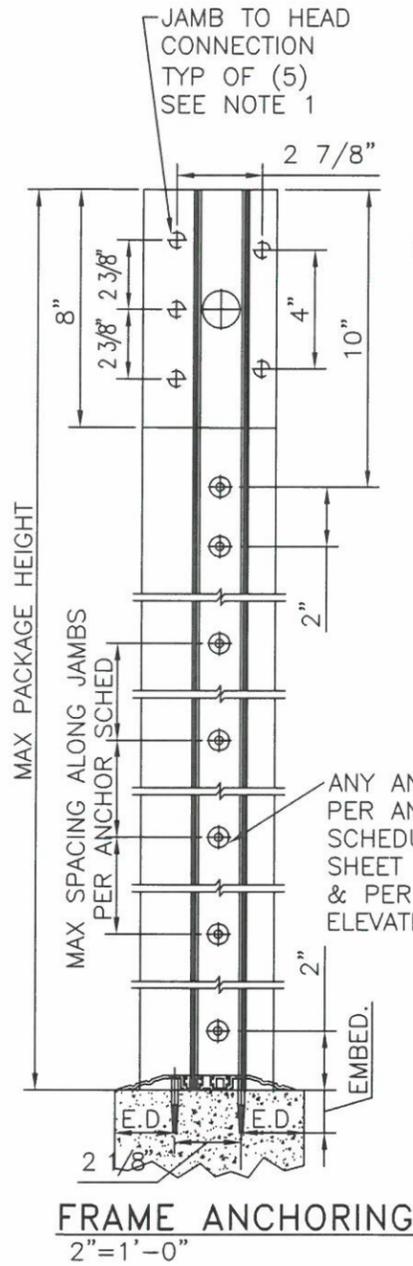
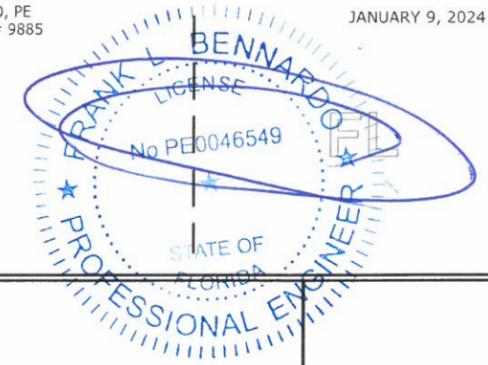
05 OF 14

c:\users\sam\engineering\express\production - documents\projects\23-1127\work\drawings & cad\2023 noa update\23-1127.04.dwg
1/9/2024 9:26 AM SAM

DURA-STORM SERIES 3000 SECTIONS & ANCHORING, PANIC RELEASE 4-PT LOCKS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

JANUARY 9, 2024



- ⊗ : EXTRUSION
- ⊗⊗ : EXTRUSION, MULTI-PIECE
- ⊗⊗-⊗⊗ : EXTRUSION, OPTION
- ⊗ : PART
- ⊗⊗⊗ : PART, MULTI-PIECE
- ⊗⊗-⊗⊗ : PART, OPTION
- ⊗ : DETAIL
- ⊗⊗-⊗⊗ : DETAIL, OPTION

SEE HEAD ANCHORS SHEET 5, AND THRESHOLD ANCHORS SHEET 9. THRESHOLD ANCHORS APPLICABLE TO 3KSI CONCRETE ONLY.

NOTE: SEE SHEET 5 FOR ANCHOR SCHEDULE AND ALLOWABLE ANCHOR TYPES

NOTE: ITEM 58 "FOAM BLOCK" INSTALLED IN ALL STILES, EXCEPT LOCKING STILES. NOT SHOWN IN ALL STILES FOR CLARITY

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 23-1127.04
Expiration Date 04/04/2028
By *Ismael L. Chanda*
Miami-Dade Product Control

- NOTES
- JAMB TO HEAD CONNECTION FASTENERS; 5/16-18 HHMS WITH WASHER.
 - SEE SHEET 11 FOR STACKED BOTTOM RAIL OPTIONS.

ENGINEERING EXPRESS
ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP RD.
FARMINGTON, CT 06032
SAT SERIES "DURA-SOTRM 2000/3000" AUTO SGD
BI-PARTING / SINGLE SLIDE (LMT)
MIAMI-DADE NOTICE OF ACCEPTANCE

POSTAL ADDRESS:
2234 NORTH FEDERAL HWY#7664
BOCA RATON, FL 33431
ENGINEERINGEXPRESS.COM

DRWN	CHKD	DATE
RS		11/13/23
SQ		

REMARKS
INT ISSUE

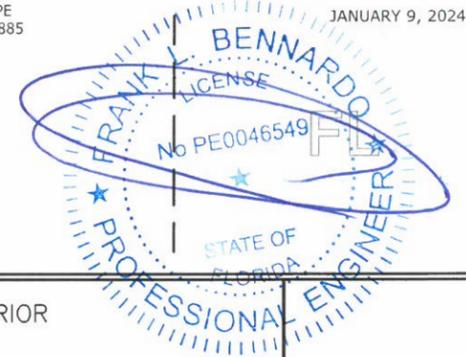
COPYRIGHT ENGINEERING EXPRESS®
23-67904

SCALE: NTS UNLESS NOTED
08 OF 14

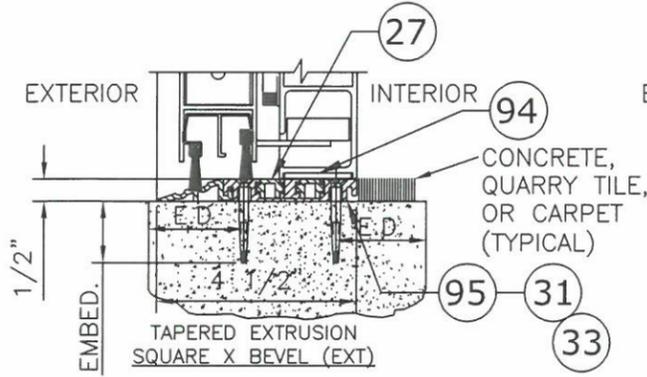
DURA-STORM SERIES 2000/3000 THRESHOLDS & ANCHORING

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

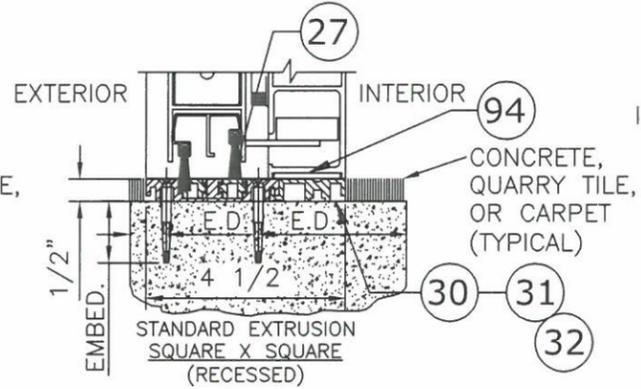
JANUARY 9, 2024



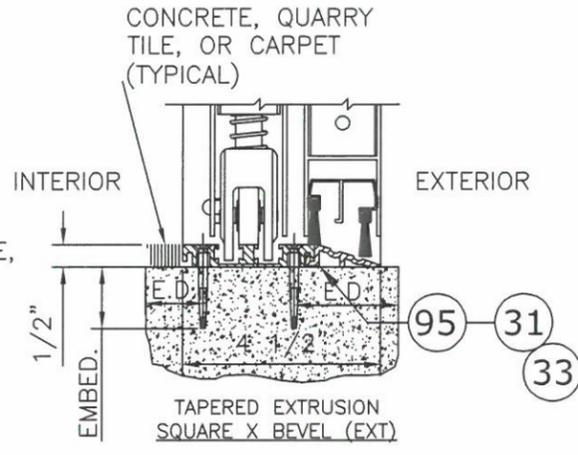
NOTE: USE CONCRETE ANCHOR PER ANCHOR SCHEDULE FOR ALL THRESHOLD ANCHORAGE DETAILS SHOWN HEREIN. SEE SHEET 5 FOR ANCHOR SCHEDULE AND ALLOWABLE CONCRETE ANCHOR TYPES



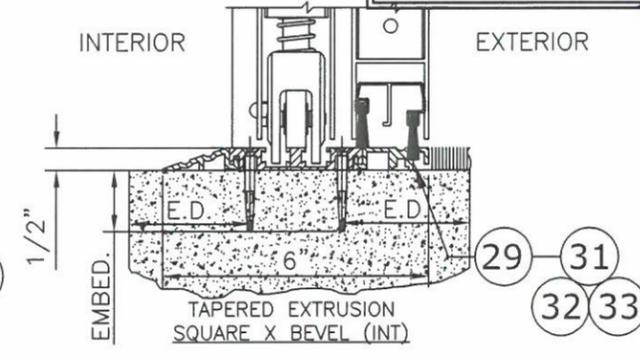
THRESHOLD-TAPERED EXT
3"=1'-0" 2000



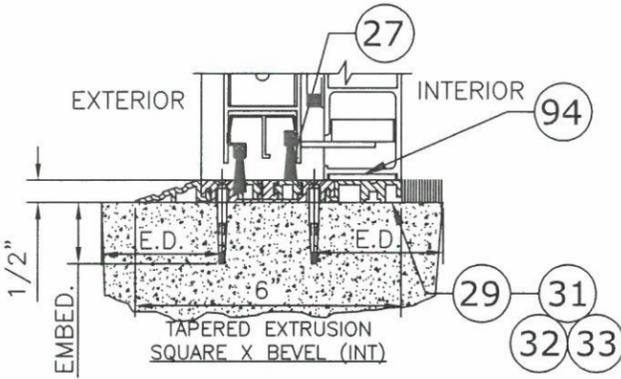
THRESHOLD-SQUARE
3"=1'-0" 2000



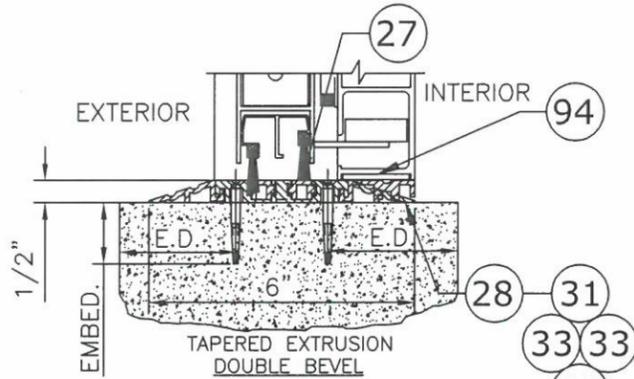
THRESHOLD-TAPERED EXT
3"=1'-0" 3000



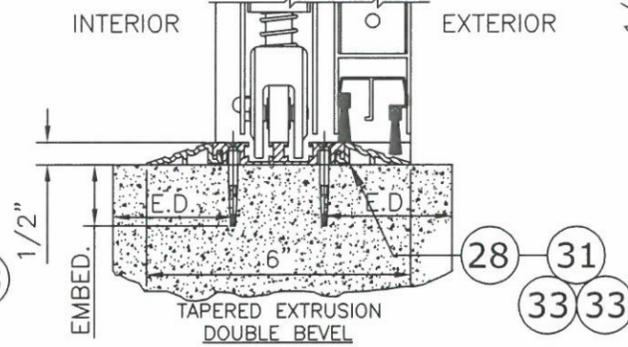
THRESHOLD-TAPERED INT
3"=1'-0" 3000



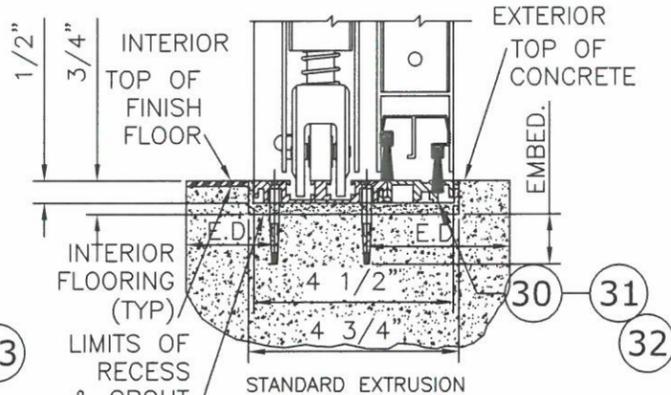
THRESHOLD-TAPERED INT
3"=1'-0" 2000



THRESHOLD-TAPERED
3"=1'-0" 2000

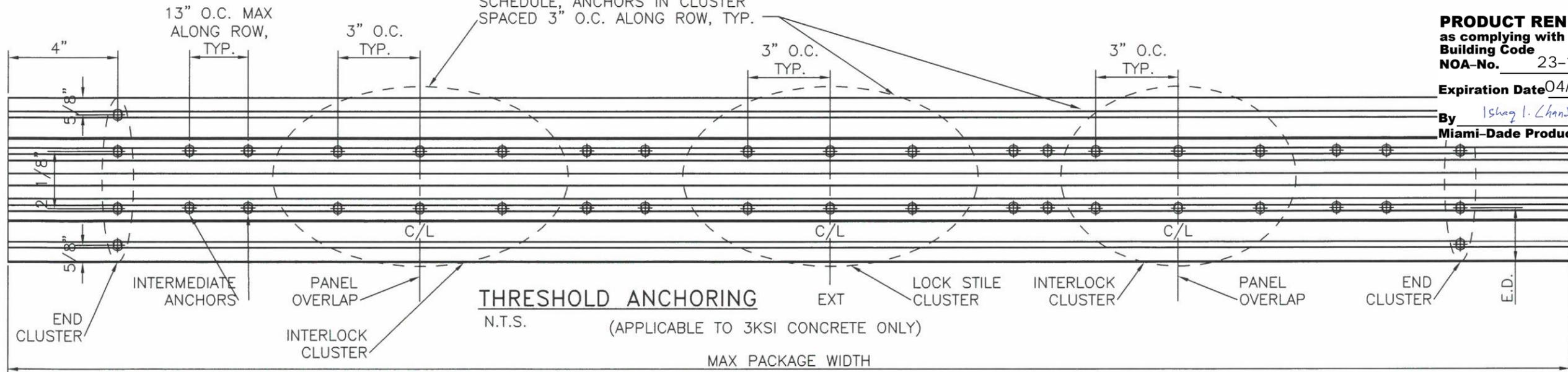


THRESHOLD-TAPERED
3"=1'-0" 3000



THRESHOLD-SQUARE
3"=1'-0" 3000

CLUSTER OF ANCHORS IN (2) ROWS CENTERED AT PANEL OVERLAP. QUANTITY PER CLUSTER PER ANCHOR SCHEDULE, ANCHORS IN CLUSTER SPACED 3" O.C. ALONG ROW, TYP.



THRESHOLD ANCHORING
N.T.S. (APPLICABLE TO 3KSI CONCRETE ONLY)

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 23-1127.04
Expiration Date 04/04/2028
By *Ishag I. Chank*
Miami-Dade Product Control

ENGINEERING EXPRESS
POSTAL ADDRESS:
2234 NORTH FEDERAL HWY #7664
BOCA RATON, FL 33431
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP RD.
FARMINGTON, CT 06032
SAT SERIES "DURA-SOTRM 2000/3000" AUTO SGD
BI-PARTING / SINGLE SLIDE (LMI)
MIAMI-DADE NOTICE OF ACCEPTANCE



DRWN	CHKD	DATE
SQ	RS	11/13/23

COPYRIGHT ENGINEERING EXPRESS®
23-67904
SCALE: NTS UNLESS NOTED

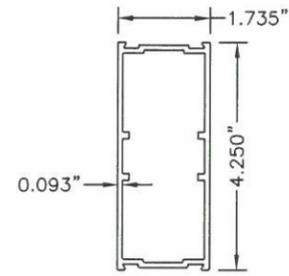
c:\users\sam\engineering\express\production - documents\projects\23-1207\work\drawings & cad\2023 noa update\23-1127.04.dwg

DURA-STORM SERIES 2000/3000 EXTRUSIONS

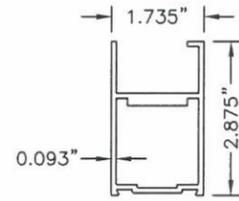
FRANK BENNARDO, PE
PE# 0046549 CA# 9885

JANUARY 9, 2024

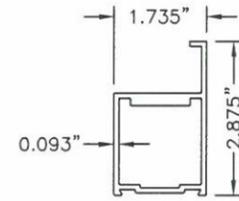
FRANK L. BENNARDO
LICENSE
No PE 0046549
STATE OF FLORIDA
PROFESSIONAL ENGINEER



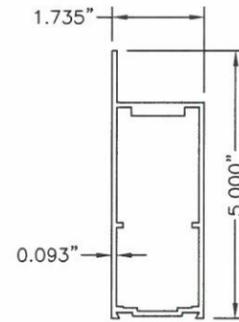
18 MUNTIN BAR
N.T.S. 6063-T6



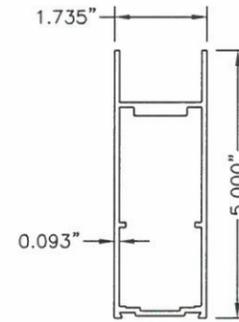
9 TOP RAIL, SX (3000)
N.T.S. 6063-T6



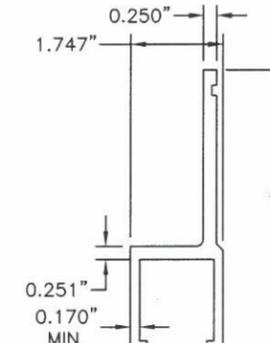
10 TOP RAIL, SX (2000)
N.T.S. 6063-T6



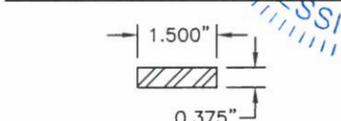
7 TOP RAIL, SO (3000)
N.T.S. 6063-T6



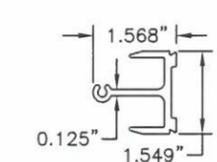
8 TOP RAIL, O (2000)
N.T.S. 6063-T6



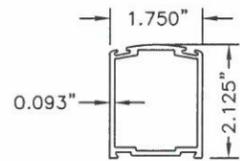
26 HANGER
N.T.S. 6063-T6



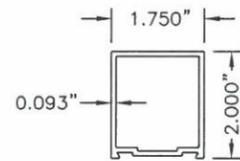
74 STEEL PANIC REINFORCING
N.T.S. ASTM A-36



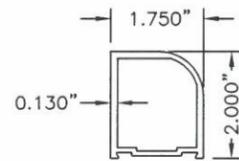
79 PANIC MUNTIN CLIP
N.T.S. 6063-T6



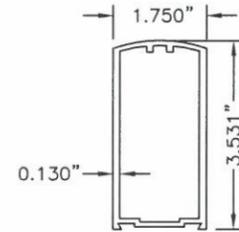
15 STILE LEAD (NARROW)
N.T.S. 6063-T6



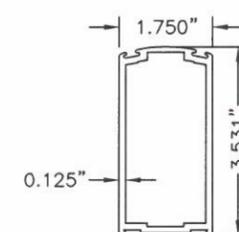
11 STILE FIXED (NARROW)
N.T.S. 6063-T6



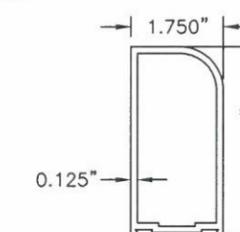
13 STILE PIVOT (NARROW)
N.T.S. 6063-T6



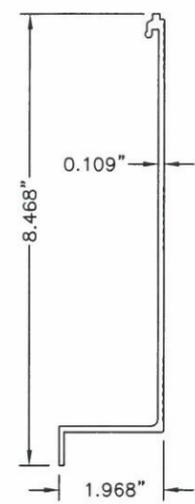
12 STILE LEAD (MEDIUM)
N.T.S. 6063-T6



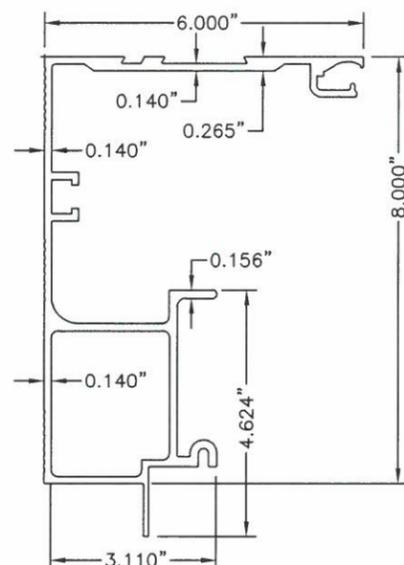
16 STILE LOCK (MEDIUM)
N.T.S. 6063-T6



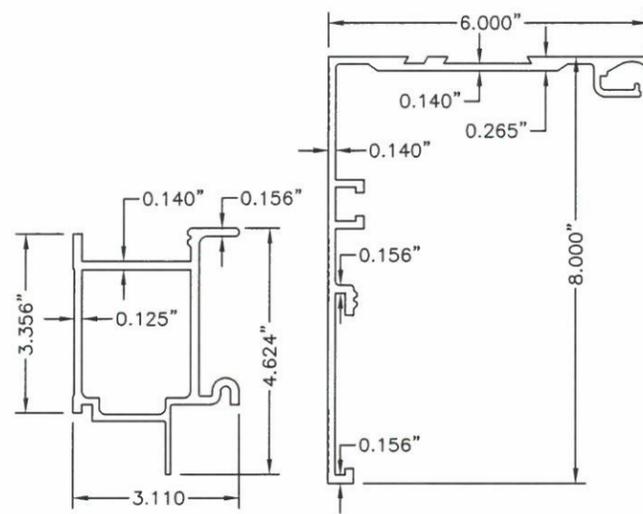
14 STILE PIVOT (MEDIUM)
N.T.S. 6063-T6



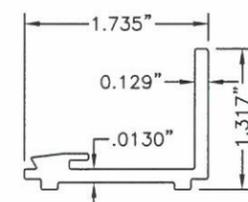
6 HEADER COVER
N.T.S. 6063-T6



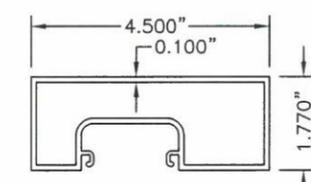
4 HEADER
N.T.S. 6063-T6



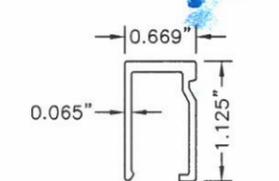
5 HEADER (2 PC.)
N.T.S. 6063-T6



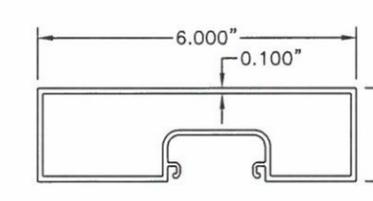
20 GUTTER
N.T.S. 6063-T6



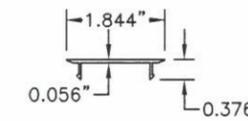
1 JAMB 4 1/2
N.T.S. 6063-T6



19 GLASS STOP
N.T.S. 6063-T6



2 JAMB 6
N.T.S. 6063-T6



3 JAMB INSERT
N.T.S. 6063-T6

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 23-1127.04
Expiration Date 04/04/2028
By *Ishtaq I. Chaudhry*
Miami-Dade Product Control

ENGINEERING EXPRESS
POSTAL ADDRESS:
2234 NORTH FEDERAL HWY #7664
BOCA RATON, FL 33431
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP RD.
FARMINGTON, CT 06032
SAT SERIES "DURA-SOTRM 2000/3000" AUTO SGD
BI-PARTING / SINGLE SLIDE (LMT)
MIAMI-DADE NOTICE OF ACCEPTANCE

DRWN	CHKD	DATE
SQ	RS	11/13/23

REMARKS
INIT ISSUE

COPYRIGHT ENGINEERING EXPRESS®

23-67904

SCALE: NTS UNLESS NOTED

10 OF 14

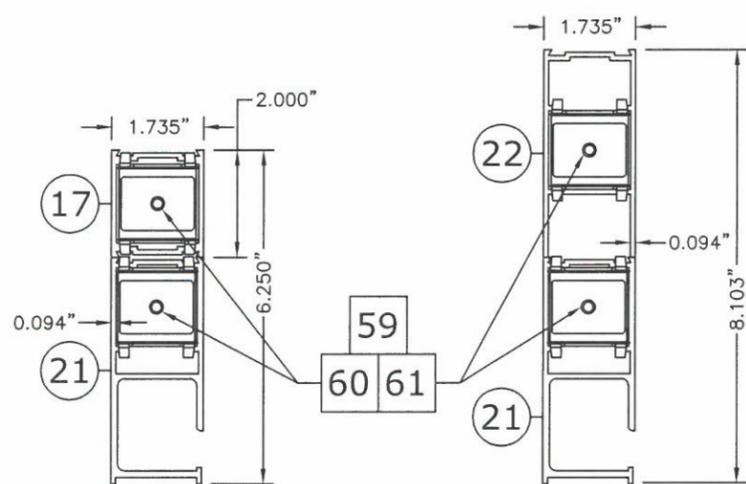
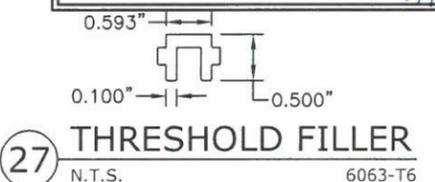
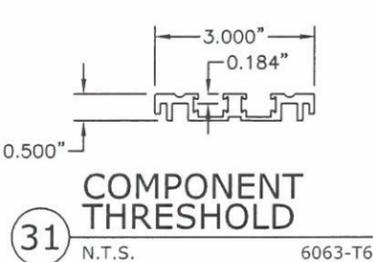
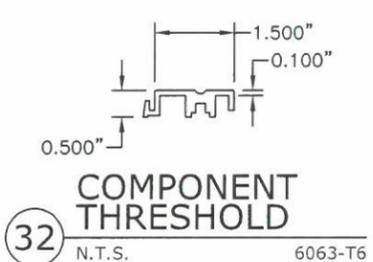
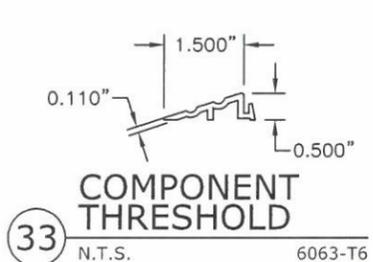
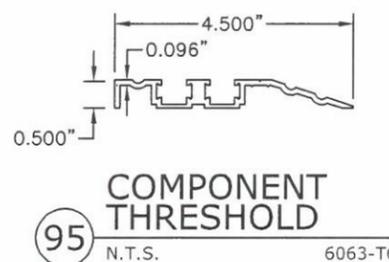
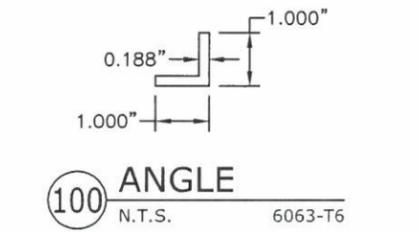
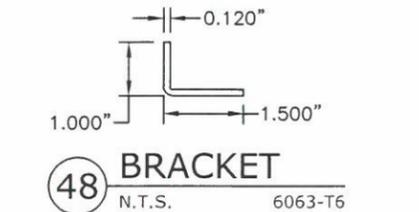
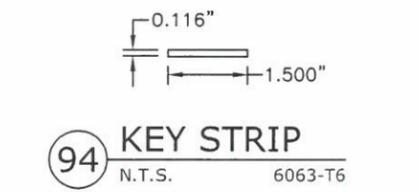
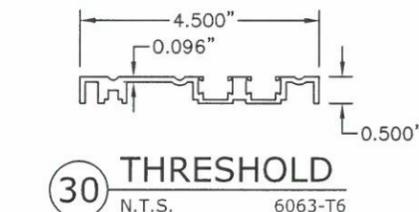
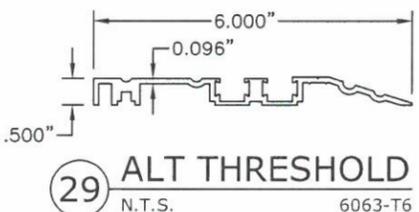
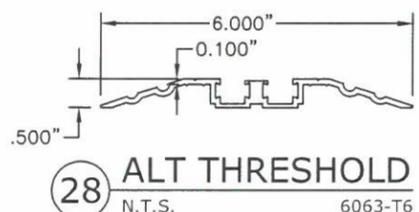
c:\users\sam\engineering\express\production - documents\projects\23-123-67901 multiple 2023 noa product update noa 22-1207\work\drawings & cad\2023 noa update\23-1127.04.dwg

1/9/2024 9:27 AM SAM

DURA-STORM SERIES 2000/3000 EXTRUSIONS

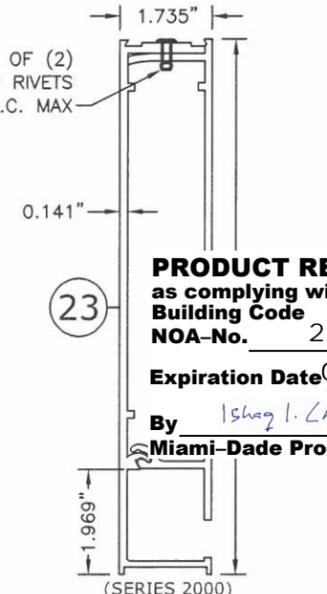
FRANK BENNARDO, PE
PE# 0046549 CA# 9885

FRANK L. BENNARDO
LICENSE
NO. PE0046549
STATE OF FLORIDA
PROFESSIONAL ENGINEER
JANUARY 9, 2024

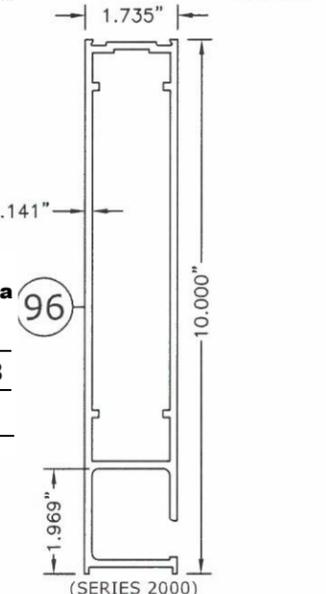


STACKED BOTTOM RAIL, O
N.T.S. 6063-T6

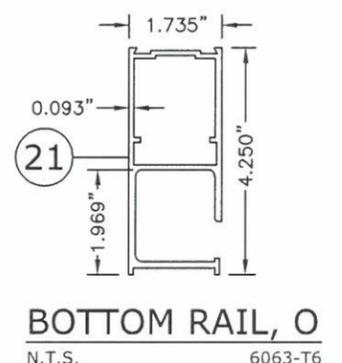
STACKED BOTTOM RAIL, O
N.T.S. 6063-T6



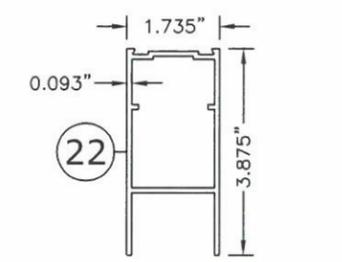
BOTTOM RAIL, O
N.T.S. 2-PIECE 6063-T6



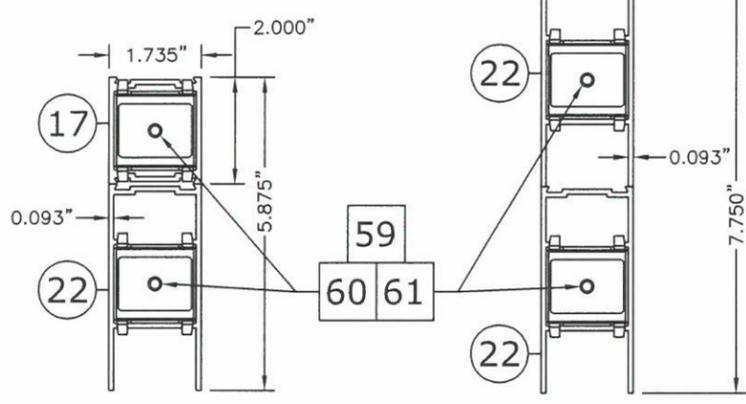
BOTTOM RAIL, O
N.T.S. 1-PIECE 6063-T6



BOTTOM RAIL, O
N.T.S. 6063-T6

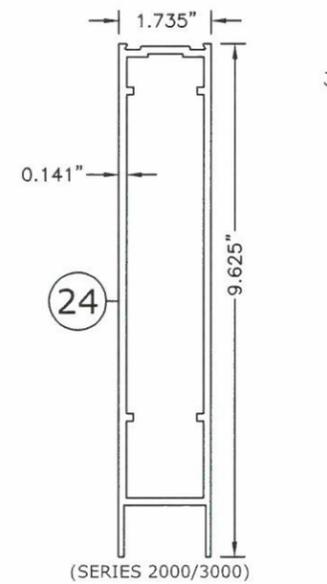


BOTTOM RAIL, SX/SO
N.T.S. 6063-T6

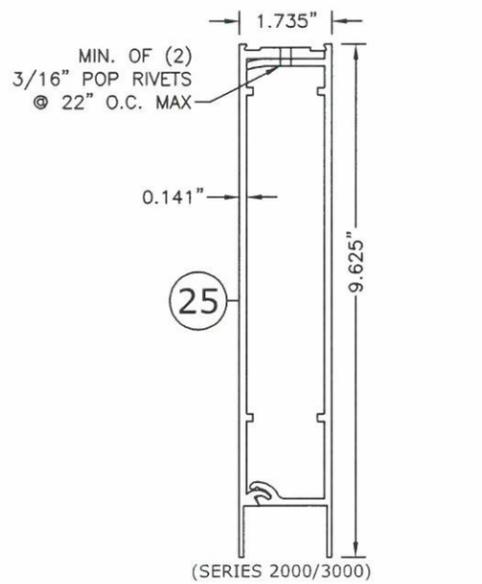


STACKED BOTTOM RAIL, SX/SO
N.T.S. 6063-T6

STACKED BOTTOM RAIL, SX/SO
N.T.S. 6063-T6



BOTTOM RAIL, SX/SO
N.T.S. 1-PIECE 6063-T6



BOTTOM RAIL, SX/SO
N.T.S. 2-PIECE 6063-T6

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-1127.04
Expiration Date 04/04/2028
By *Ishay I. Chan*
Miami-Dade Product Control

ENGINEERING EXPRESS
POSTAL ADDRESS:
2234 NORTH FEDERAL HWY #7664
BOCA RATON, FL 33431
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP RD.
FARMINGTON, CT 06032
SAT SERIES "DURA-SOTRM 2000/3000" AUTO SGD
BI-PARTING / SINGLE SLIDE (LMI)
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DATE
INIT ISSUE	11/13/23
DRWN	
CHKD	
RS	
SQ	

COPYRIGHT ENGINEERING EXPRESS®
23-67904

SCALE: NTS UNLESS NOTED

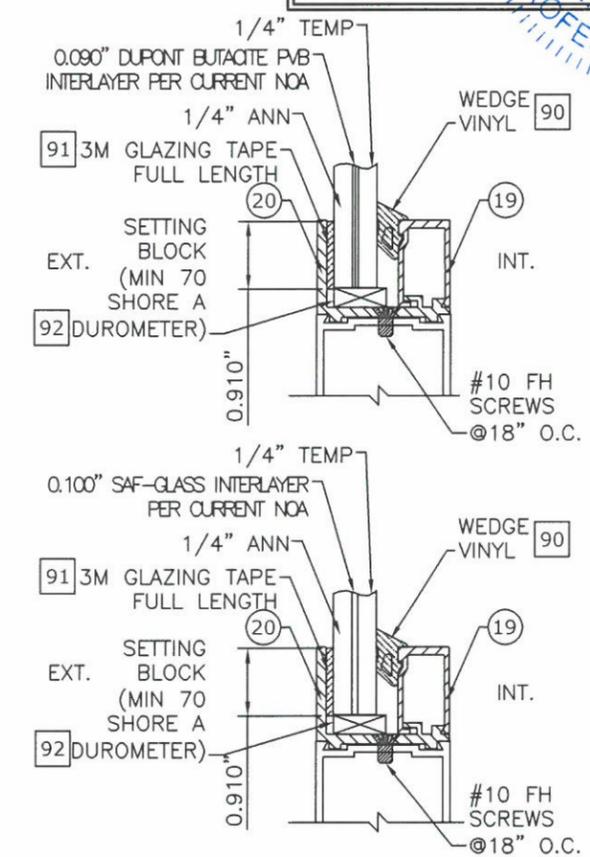
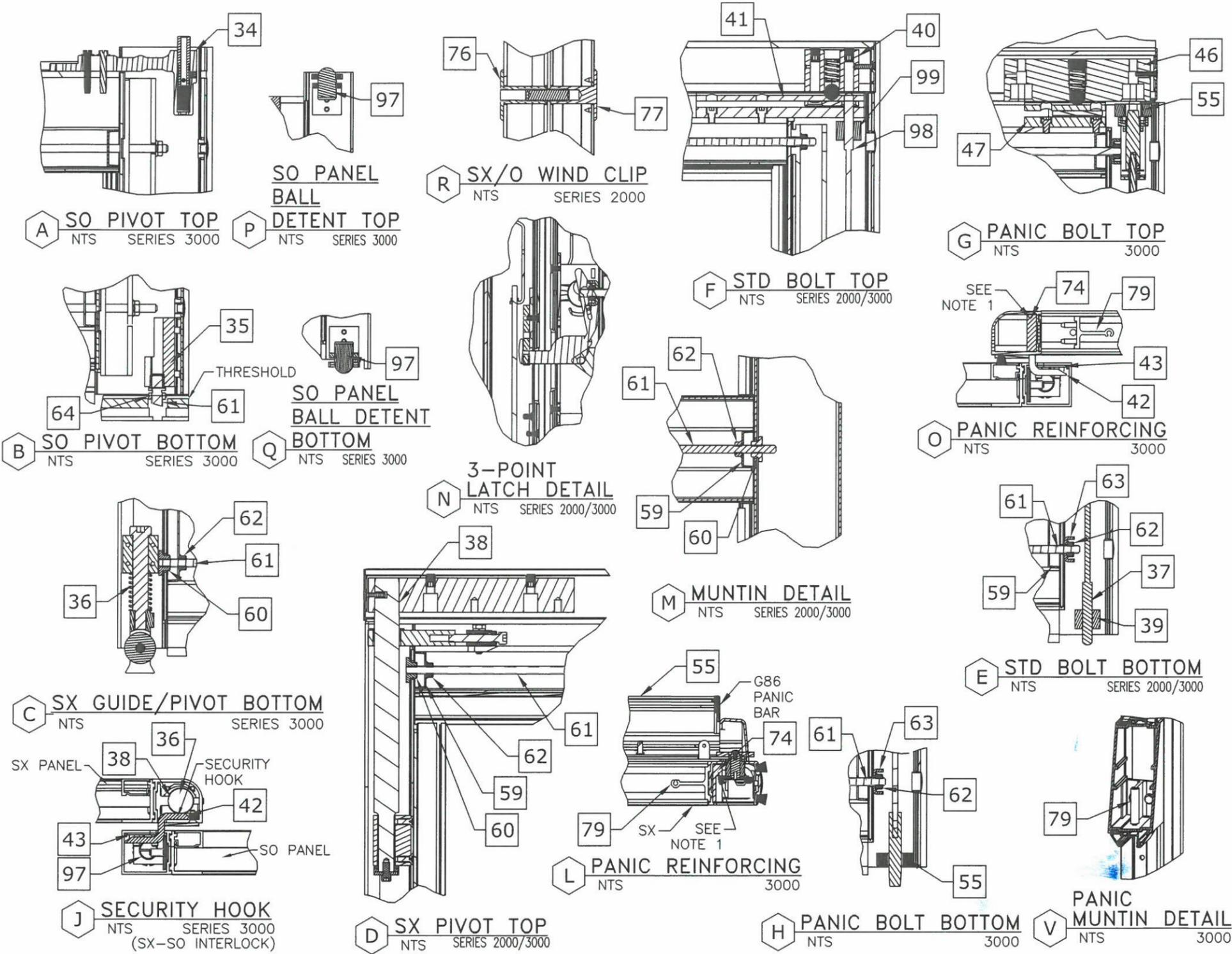
c:\users\sam\engineering\express\production - documents\projects\23-67901\multiple 2023 noa product update noa 22-1207\work\drawings & cad\2023 noa update\23-1127.04.dwg

DURA-STORM SERIES 2000/3000 DETAILS

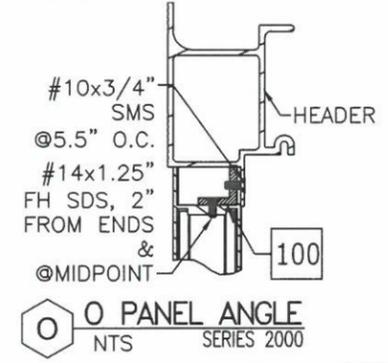
FRANK BENNARDO, PE
PE# 0046549 CA# 9885

JANUARY 9, 2024

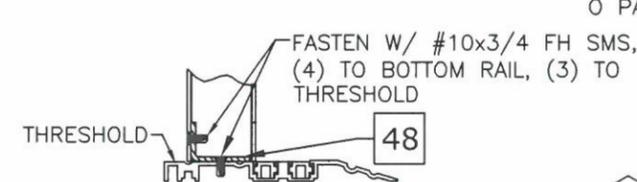
FRANK L. BENNARDO
LICENSE
No PE0046549
STATE OF FLORIDA
PROFESSIONAL ENGINEER



9/16" LAMINATED GLAZING DETAILS
NTS



O PANEL ANGLE
NTS SERIES 2000



O-PANEL BRACKET
NTS SERIES 2000

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 23-1127.04
Expiration Date 04/04/2028
By *Iskay I. Chanda*
Miami-Dade Product Control

NOTES
1. ITEM 74, "STEEL PLATE-PANIC REINFORCING", IS CONTAINED WITHIN VERTICAL STILE, HAS A MINIMUM LENGTH OF 48", AND IS CENTERED VERTICALLY ABOUT CENTERLINE OF HORIZONTAL MUNTIN. ITEM 74 IS FASTENED AS FOLLOWS: SINGLE ROW #10 X 32 X 1/2" FHTCMS @ 6" OC.

ENGINEERING EXPRESS

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP RD.
FARMINGTON, CT 06032
SAT SERIES "DURA-SOTRM 2000/3000" AUTO SGD
BI-PARTING / SINGLE SLIDE (LMT)
MIAMI-DADE NOTICE OF ACCEPTANCE

POSTAL ADDRESS:
2234 NORTH FEDERAL HWY #7664
BOCA RATON, FL 33431
ENGINEERINGEXPRESS.COM

DRWN	CHKD	DATE
SQ	RS	11/13/23

REMARKS
INIT ISSUE

COPYRIGHT ENGINEERING EXPRESS®

23-67904

SCALE: NTS UNLESS NOTED

12 OF 14

c:\users\sam\engineering\express\production - documents\projects\23-123-67901 multiple 2023 noa product update noa 22-1207\work\drawings & cad\2023 noa update\23-1127.04.dwg

c:\users\sam\engineering\express\production - documents\projects\23-67901_multiple_2023_noa_product_update_noa_22-1207\work\drawings & cad\2023_noa_update\23-1127_04.dwg
 1/9/2024 9:27 AM SAM

DURA-STORM SERIES 2000/3000 BILL OF MATERIALS

BILL OF MATERIALS	
REFERENCE	DESCRIPTION
1	Extrusion - Jamb - 4 1/2"
2	Extrusion - Jamb - 6"
3	Extrusion - Jamb - Insert
4	Extrusion - Header - 1 PC
5	Extrusion - Header - 2 PC
6	Extrusion - Header Cover -
7	Extrusion - Top Rail - SO
8	Extrusion - Top Rail - O
9	Extrusion - Top Rail - SX
10	Extrusion - Top Rail - SX
11	Extrusion - Stile, Narrow - Fixed
12	Extrusion - Stile, Medium - Lead
13	Extrusion - Stile, Narrow - Pivot
14	Extrusion - Stile, Medium - Pivot
15	Extrusion - Stile, Narrow - Lead
16	Extrusion - Stile, Medium - Lock
17	Extrusion - Muntin Bar/Stacked Bottom Rail Part - 2"
18	Extrusion - Muntin Bar - 4.25"
19	Extrusion - Glass Stop
20	Extrusion - Glass Gutter
21	Extrusion - Bottom Rail O - 4"
22	Extrusion - Bottom Rail SO/SX - 4"
23	Extrusion - Bottom Rail O - 10" - 2 PC
24	Extrusion - Bottom Rail SX/SO - 1 PC - 10"
25	Extrusion - Bottom Rail SX/SO - 2 PC - 10"
26	Extrusion - Hanger -
27	Extrusion - Threshold - Filler
28	Extrusion - Threshold - Dbl bevel - 6"
29	Extrusion - Threshold - Sq/Bvl - 6"
30	Extrusion - Threshold - Recessed - 4.5"
31	Extrusion - Threshold - Core
32	Extrusion - Threshold - Square
33	Extrusion - Threshold - Bevel
34	Component - Top Pivot - SO - 3000
35	Component - Bottom Pivot - SO - 3000
36	Component - Bottom Guide - SX- 3000
37	Component - Throw Bolt - Std - Adams Rite 4015
38	Component - Top pivot - SX
39	Component - Guide - Throw Bolt - Adams Rite 4015
40	Component - Ball Detent - Std
41	Component - Detent Block - Std
42	Component - Security Hook - Std
43	Component - Backing Plate - Security Hook

BILL OF MATERIALS	
REFERENCE	DESCRIPTION
46	Component - Ball Detent
47	Component - Detent Block
48	Component - Bracket - O Panel
49	Component - Bottom Guide - SX - 2000
50	Component - Load Wheel - Steel/Aluminum/Plastic
51	Component - 2-PT Lock - Cylinder - Adams Rite 1870 Flushbolt, to be used with A.R. 4015 bottom bolt.
52	Component - 2-PT Lock - Thumb Turn - Adams Rite 1870 Flushbolt, to be used with A.R. 4015 bottom bolt.
53	Component - 8 Ply Hookbolt Lock - Single Action - Adams Rite MS1850S-050 (Deadbolt), Used w/ Adams Rite 4015 and 4016 Bolts
54	Component - Exit Indicator -
55	Component - 2-Pt Panic Device - Adams Rite G86 with concealed vertical rod (top/bottom) and latch assembly.
56	Component - Pile - Adhesive/non Adhesive backed
57	Component - Brush - Sweep
58	Component - Foam Block -
59	Hardware - Tie Rod - Plate
60	Hardware - Tie Rod - Nut - 5/16-18 - Steel
61	Hardware - Threaded Rod - 5/16-18 - Steel
62	Hardware - 5/16 - 18 - Nut - Steel
63	Hardware - Tie Rod / Rail - Plate - Steel
64	Hardware - 7/16-20 Jamb Nut - Steel
65	Hardware - 7/16 SO Pivot Pin - Steel
66	Hardware - 5/8-11 Nut - Steel
74	Component - Steel Plate - Panic Reinforcing (48" Min.)
75	Component - Key Operator - Adams Rite
76	Component - Lock Flange (Int) - "Wind Clip"
77	Component - Lock Flange (Ext) - "Wind Clip"
79	Component - Muntin Clip (with Panic)
90	Glazing - Wedge Vinyl - RM270864 by Trelleborg
91	Glazing - 3M Tape -
92	Glazing - Setting Block -
94	Extrusion - Key Strip
95	Extrusion - Threshold - Sq/Bvl - 4.5"
96	Extrusion - Bottom Rail O - 10"
97	Component - Ball Detent - SO
98	Component - Throw Bolt - Std - Adams Rite 4016
99	Component - Guide - Throw Bolt - Adams Rite 4016
100	Extrusion - 1"x1"x3/16" Angle

NON-CALL OUT PART #S FROM 44,45, 67-73, 78, 80-89 ARE NOT PART OF BOM

FRANK BENNARDO, PE
 PE# 0046549 CA# 9885

JANUARY 9, 2024

ENGINEERING EXPRESS
 POSTAL ADDRESS:
 2234 NORTH FEDERAL HWY #7664
 BOCA RATON, FL 33431
 ENGINEERINGEXPRESS.COM

ALLEGION ACCESS TECHNOLOGIES, LLC
 65 SCOTT SWAMP RD.
 FARMINGTON, CT 06032
 SAT SERIES "DURA-SOTRM 2000/3000" AUTO SGD
 BI-PARTING / SINGLE SLIDE (LMT)
 MIAMI-DADE NOTICE OF ACCEPTANCE

PRODUCT RENEWED
 as complying with the Florida Building Code
 NOA-No. 23-1127.04
 Expiration Date 04/04/2028
 By *Ishay I. Chande*
 Miami-Dade Product Control

DATE	11/13/23
DRWN	SQ
CHKD	RS
REMARKS	INIT ISSUE

COPYRIGHT ENGINEERING EXPRESS®

23-67904

SCALE: NTS UNLESS NOTED

14 OF 14