



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, Sx-O w/ wo Transom, So-Sx-Sx-So and Sx-So w/wo Transom & Breakout -NI

APPROVAL DOCUMENT: Drawing No. **20-33204** (former **14-1854**), titled "Dura-Storm 2000/3000 Auto SGD Bi-Parting /Single Slide-NI", sheets 1 through 19 of 19, prepared by Engineering Express, dated 08/23/17 and last revised on FEB 10, 2023, 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: None. Approved Hurricane Protection devices are required per FBC, as applicable.

LIMITATIONS:

1. See elevation for anchors requirements in sheets **1, 2 & 3** and Header clusters details in sheet **7** and Threshold clusters in sheet **12**. The 1/4" Power Tapper anchors at head/Jamb & Sill to be in min 3 Ksi concrete. See sheets **4, 5 & 6** 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 **5 & 6** to be used w/ Horizontal muntin bars (detail V, sheet 15) and DLO height not to exceed 36-3/4" max.
2. See details **1A/8, 3A/9 & 5A/10** for Transom nested reinforcements item **#101** for Bi-Parting series 2000 (O-Sx-Sx-O) and series 3000 (So-Sx-Sx-So). The Single Slide O-Sx and So-Sx require light reinforcement item **#73**.
3. Electrical devices, functions and installation is not part of this approval and to be reviewed and approved by Authority Having Jurisdiction (AHJ)
4. See Door panel and Transom glazing details in sheets **16 & 18**. Fixed glass more than 36" wide must be supported with approved setting blocks per FBC requirements.
5. Not approved where water infiltration is required.



Ishag I. Lhank

NOA No. 22-1207.02
Expiration Date: April 11, 2028
Approval Date: March 09, 2023
Page 1 of 2



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

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", unless otherwise 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 # 22-0830.08** (former **Stanley Access Technologies, LLC**), consists of pages 1 and 2 as well as evidence pages E-1, E-2, E-3, E-4 and E-5.

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



Ishaq I. Chanda

NOA No. 22-1207.02
Expiration Date: April 11, 2028
Approval Date: March 09, 2023
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 files below)
2. Drawing No. **14-1854** (former **12-SAT-15**), titled "Dura-Storm 2000/3000 Bi-Parting /Single slide-NI", sheets 1 through 19 of 19, prepared by Engineering Express, dated 07-01-12 and last revised on 10/14/2014, signed and sealed by Frank L. Bennardo, P.E.

B. TESTS (submitted under files # **13-0529.21/**12-0807.05**)**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94 (Not conducted)
4) 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 and So-Sx-Sx-So w/ Transom & G-86 CVR Panic, prepared by Fenestration Testing Laboratory, Inc. Test Report No. **FTL-7247**, dated 03/08/13, 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) 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 and April 03, 2013, issued by Fenestration Testing Lab, signed and sealed by Marlin D. Brinson, P. E. (submitted under file # **12-0807.05**)

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).

E. MATERIAL CERTIFICATIONS (submitted under file # **12-0807.05)**

1. 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 # **12-0807.05**)
3. Lab compliance as part of the above referenced test report.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-1207.02
Expiration Date: April 11, 2028
Approval Date: March 09, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

1. This NOA **revises** NOA #**13-0529.21**, expiring 04/18/18.
2. Test proposals # 13-0006 dated 01/14/13 approved by RER and # 11-1016, dated NOV 11, 2011 approved by PERA.
3. Manufacture supplied Adam Rites deadbolt/hook & bolts mechanism & G-86 panic brochures.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-0828.09

A. DRAWINGS

1. Drawing No. **14-1854**, titled "Dura-Storm 2000/3000 Auto SGD Bi-Parting /Single Slide-NI", sheets 1 through 19 of 19, 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 manufacturer, dated 08/01/17, signed and sealed by Frank L. Bennardo, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to **FBC 6th Edition (2017)**, dated 07/31/17, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.
2. Statement letter of no financial interest, prepared by Engineering Express, dated 07/28/17, signed and sealed by Frank L. Bennardo, P.E.

G. OTHER

1. This NOA **revises** NOA #**15-0127.05**, expiring on 04/11/2018.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-1207.02
Expiration Date: April 11, 2028
Approval Date: March 09, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED submitted under previous NOA(s)

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. None.

F. STATEMENTS

1. None.

G. OTHER

1. This NOA **renews** NOA #17-0828.09, expiring on 04/11/2018.

4. EVIDENCE SUBMITTED submitted under previous NOA(s)

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. None.

F. STATEMENTS

1. None.

G. OTHER

1. This NOA **renews** NOA #18-0221.09, expiring on 04/11/2023.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-1207.02
Expiration Date: April 11, 2028
Approval Date: March 09, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **20-33204** (former **14-1854**), titled “Dura-Storm 2000/3000 Auto SGD Bi-Parting /Single Slide-NI”, sheets 1 through 19 of 19, prepared by Engineering Express, dated 08/23/17 and last revised on NOV 10, 2022, 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 11/10/2022, 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** NOA #**20-1216.25**, expiring 04/11/28.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-1207.02
Expiration Date: April 11, 2028
Approval Date: March 09, 2023

Allegion Access Technologies, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. New EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **20-33204** (former **14-1854**), titled “Dura-Storm 2000/3000 Auto SGD Bi-Parting /Single Slide-NI”, sheets 1 through 19 of 19, prepared by Engineering Express, dated 08/23/17 and last revised on FEB 10, 2023, 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 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 04/11/28.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-1207.02
Expiration Date: April 11, 2028
Approval Date: March 09, 2023

DURA-STORM SERIES 2000/3000, TYPICAL ELEVATIONS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02

Expiration Date 04/11/2028

By Ishag I. Chande
Miami-Dade Product Control

FRANK BENNARDO, P.E.
PE# 0046549 CA. 9885

FEB 10 2023

ENGINEERING EXPRESS
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

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

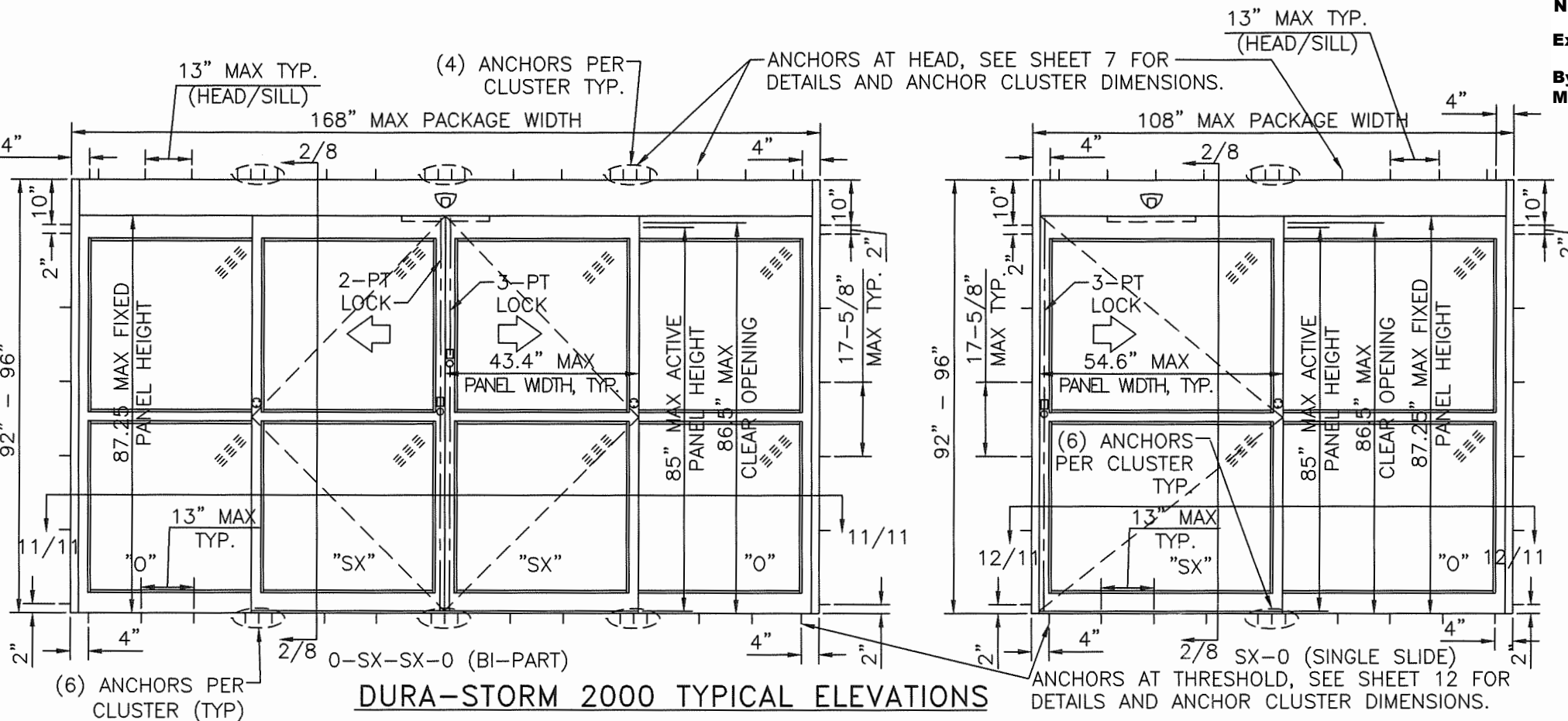
REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

COPYRIGHT ENGINEERING EXPRESS®

20-33204

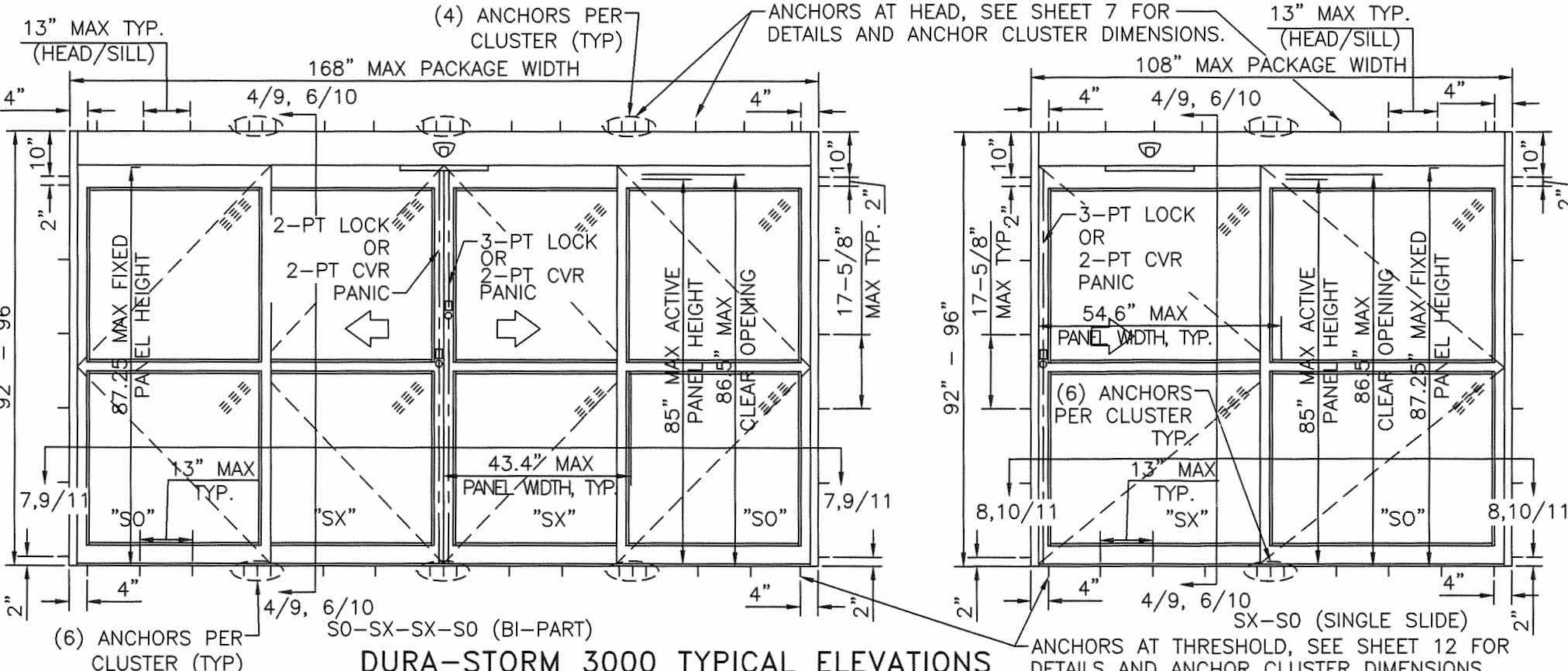
SCALE: NTS UNLESS NOTED

01



- GENERAL NOTES
- DOORS HAVE BEEN TESTED & DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE SEVENTH EDITION (2020) HIGH VELOCITY HURRICANE ZONE (HVHZ) AND MIAMI-DADE COUNTY PROTOCOLS TAS 202 FOR UNIFORM STATIC AIR PRESSURE AS A NON-IMPACT RESISTANT SYSTEM. APPROVED SHUTTERS, COMPLYING WITH FBC REQUIREMENTS, ARE REQUIRED AS APPLICABLE.
 - PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND ADDITIONAL IMPOSED LOADS. 1X OR 2X WOOD BUCKS BY OTHERS SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
 - NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THESE PRODUCTS. WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR WOOD ANCHOR DESIGN.
 - POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED PER SEPARATE ENGINEERING IN ACCORDANCE WITH THE GOVERNING CODE. PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7 AND CHAPTER 1609 OF THE FLORIDA BUILDING CODE SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN.
 - DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.
 - DOORS DETAILED HEREIN HAVE BEEN DESIGNED AND TESTED TO THE MAXIMUM SPANS AND LOADS SHOWN ON THESE DRAWINGS. REFERENCE FENESTRATION TESTING LAB REPORTS 6803 & 7247.
 - ANCHORS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS, SPACED AS NOTED HEREIN. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
 - WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
 - WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
 - WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
 - THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT FOR INSTALLATIONS OUTSIDE THE HVHZ; WITHIN THE HVHZ, A ONE-TIME APPROVAL FROM MIAMI-DADE COUNTY SHALL BE OBTAINED.
 - ALL BOLTS AND WASHERS SHALL BE ZINC COATED, GALVANIZED, OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI, EXCEPT INSTALLATION ANCHORS.
 - ALL SINGLE SLIDE ENTRANCES ARE SHOWN "RIGHT HAND"; "LEFT HAND" IS MIRROR IMAGE.

- SYSTEM NOTES
- ALL ALUMINUM PARTS SHALL BE 6063-T6 ALUMINUM ALLOY AND TEMPER, UNLESS OTHERWISE NOTED.
 - GLAZING NOT IMPACT RATED. SEE GLAZING DETAILS SHEET 16.
 - CORNER PANEL CONSTRUCTION: PANEL CORNERS ARE BUTT JOINED, SECURED WITH FOUR (4) FULL WIDTH 5/16" THREADED TIE RODS AT TOP RAIL, AND BOTTOM RAIL. ALL JOINTS ARE WELDED. EXCEPTION: INTERMEDIATE HORIZONTAL MUNTIN BAR IS SECURED BY APPROVED CLIPS (ITEM #79, SHEET 15, DETAIL V).
 - THE GLAZING MATERIAL IN BOTH FIXED AND SLIDING PANELS OF ALL SLIDING DOORS MUST COMPLY WITH THE REQUIREMENTS IN THE PERFORMANCE SPECIFICATIONS AND METHODS OF TEST FOR SAFETY GLAZING MATERIALS USED IN BUILDINGS, PER FBC REQUIREMENTS.
 - CVR = CONCEALED VERTICAL ROD.



DURA-STORM SERIES 2000 W/ OPTIONAL TRANSOM, TYPICAL ELEVATIONS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By Ishag I. Chank
Miami-Dade Product Control

FRANK BENNARDO, P.E.
PE# 0046549 CA. 9885

FEB 10 2023

ENGINEERING
EXEXPRESS®
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGIION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032



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

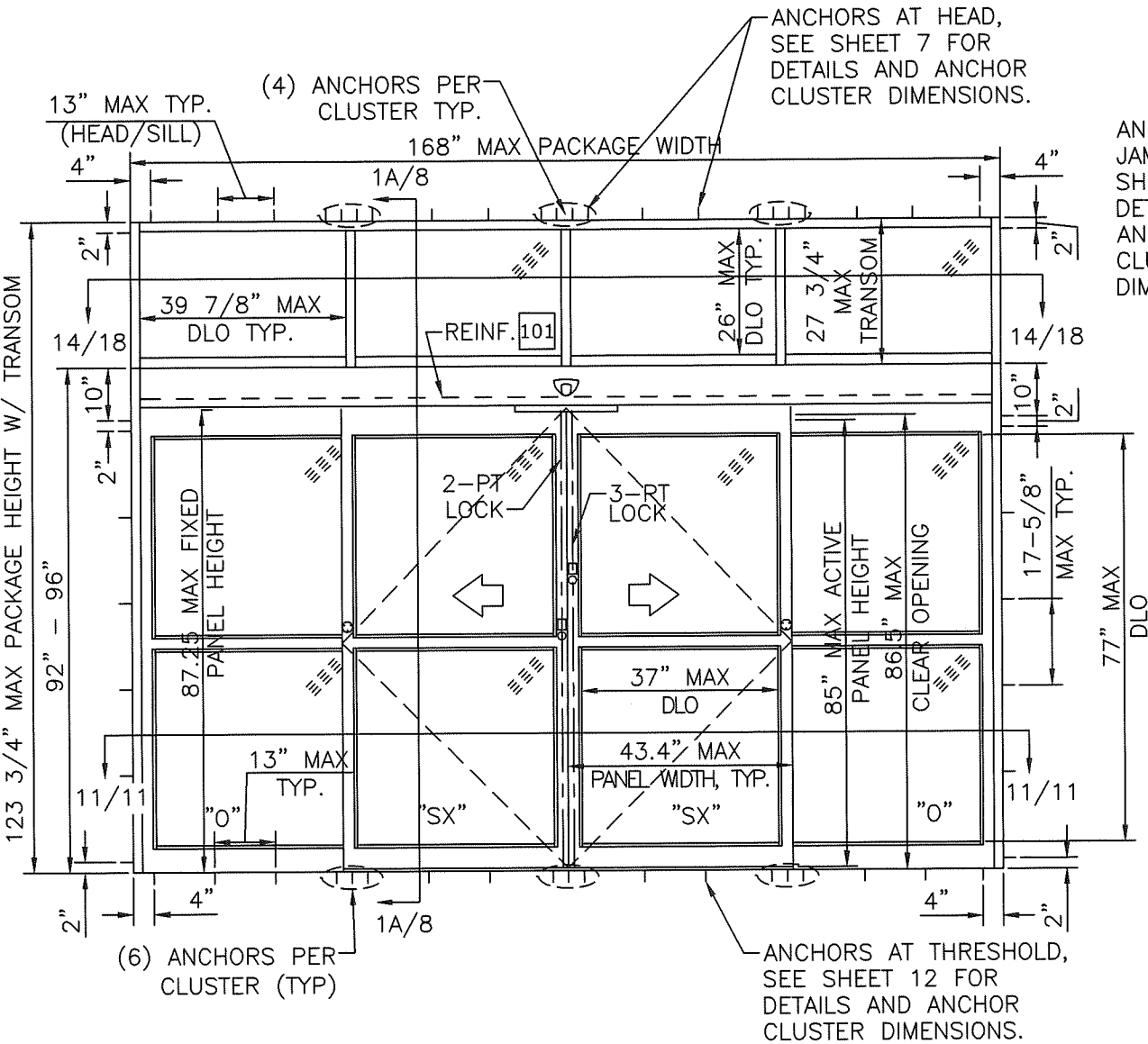
REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

COPYRIGHT ENGINEERING EXPRESS®

20-33204

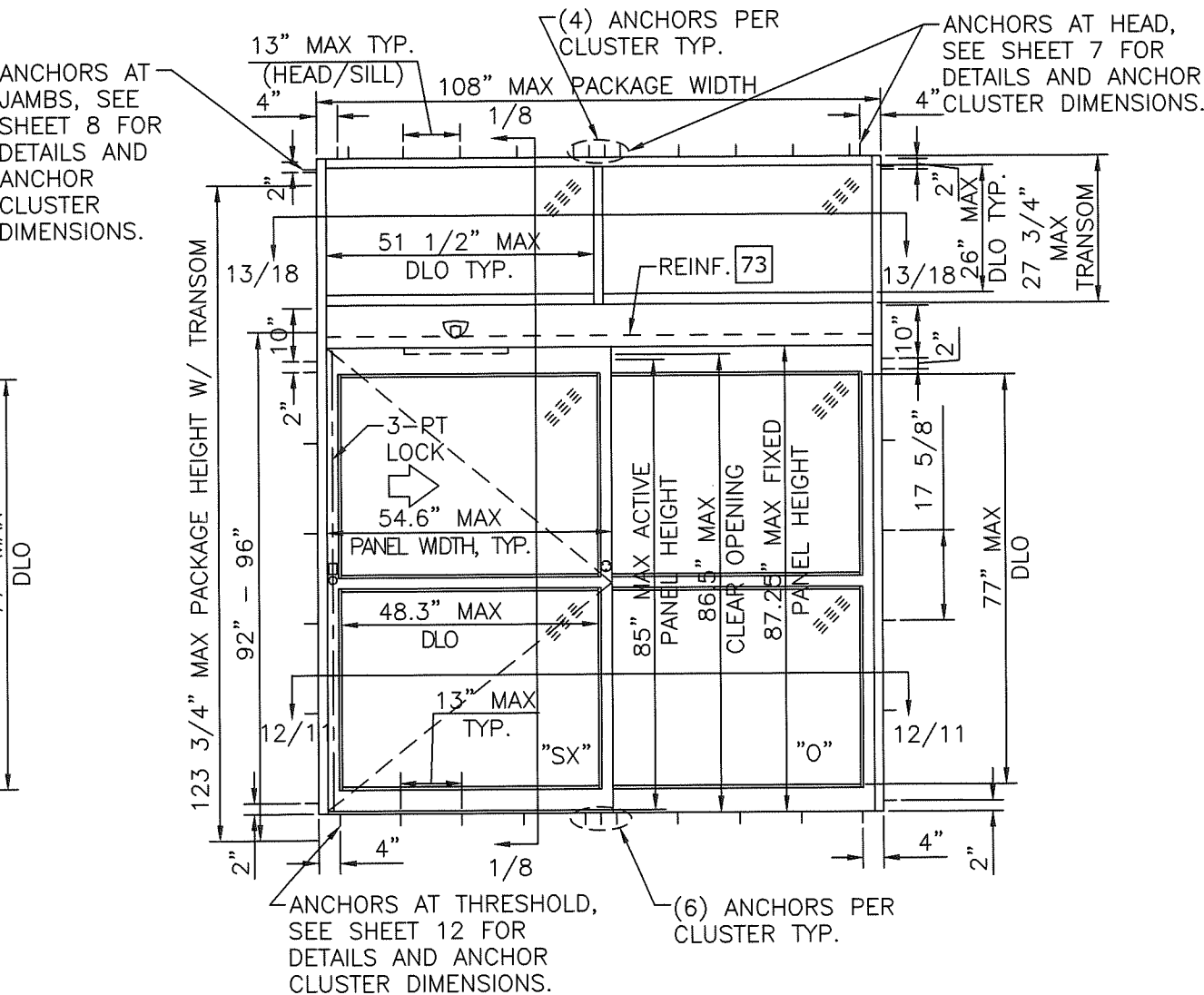
SCALE: NTS UNLESS NOTED

02



DURA-STORM 2000 TYPICAL ELEVATIONS

0-SX-SX-0 (BI-PART)



DURA-STORM 2000 TYPICAL ELEVATIONS

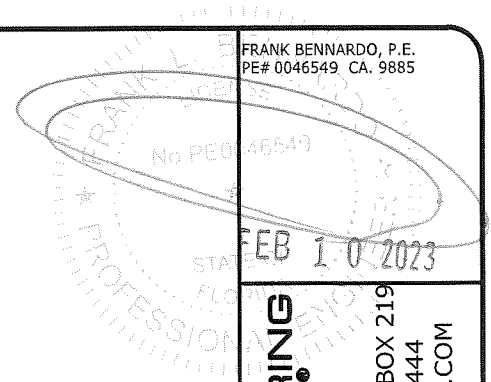
SX-0 (SINGLE SLIDE)

NOTES

- MAX DLO AS SHOWN.
 - BI-PARTING PANEL: 37" W X 77" H; TRANSOMS: 39 7/8" W X 26" H.
 - SINGLE SLIDE PANEL: 48 1/4" W X 77" H; TRANSOMS: 51 1/2" W X 26" H.
- 5-POINT LOCKING STANDARD (3-PT ACTIVE & 2-PT). SEE SHEET 17.
- PRODUCT SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH PRODUCT APPROVALS.
- SEE SHEETS 7, 8, 11 AND 12 FOR REQUIRED ANCHORAGE.
- SEE SHEET 16 FOR GLAZING DETAILS.

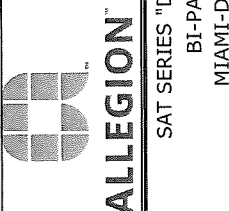
DURA-STORM SERIES 3000 W/ OPTIONAL TRANSOM, TYPICAL ELEVATIONS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By Ishag I. Chank
Miami-Dade Product Control



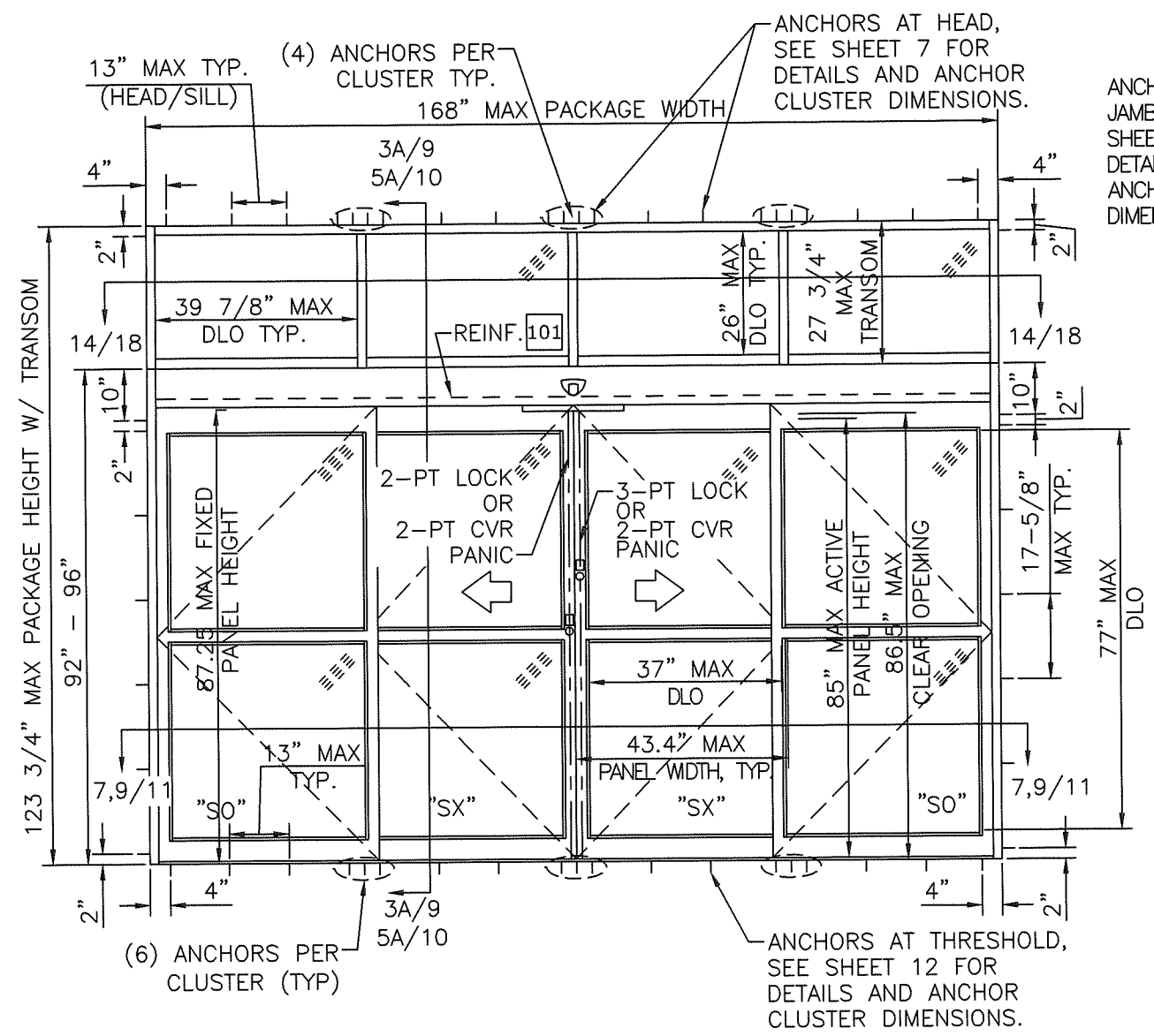
ENGINEERING
EXPRESS®
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGIION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

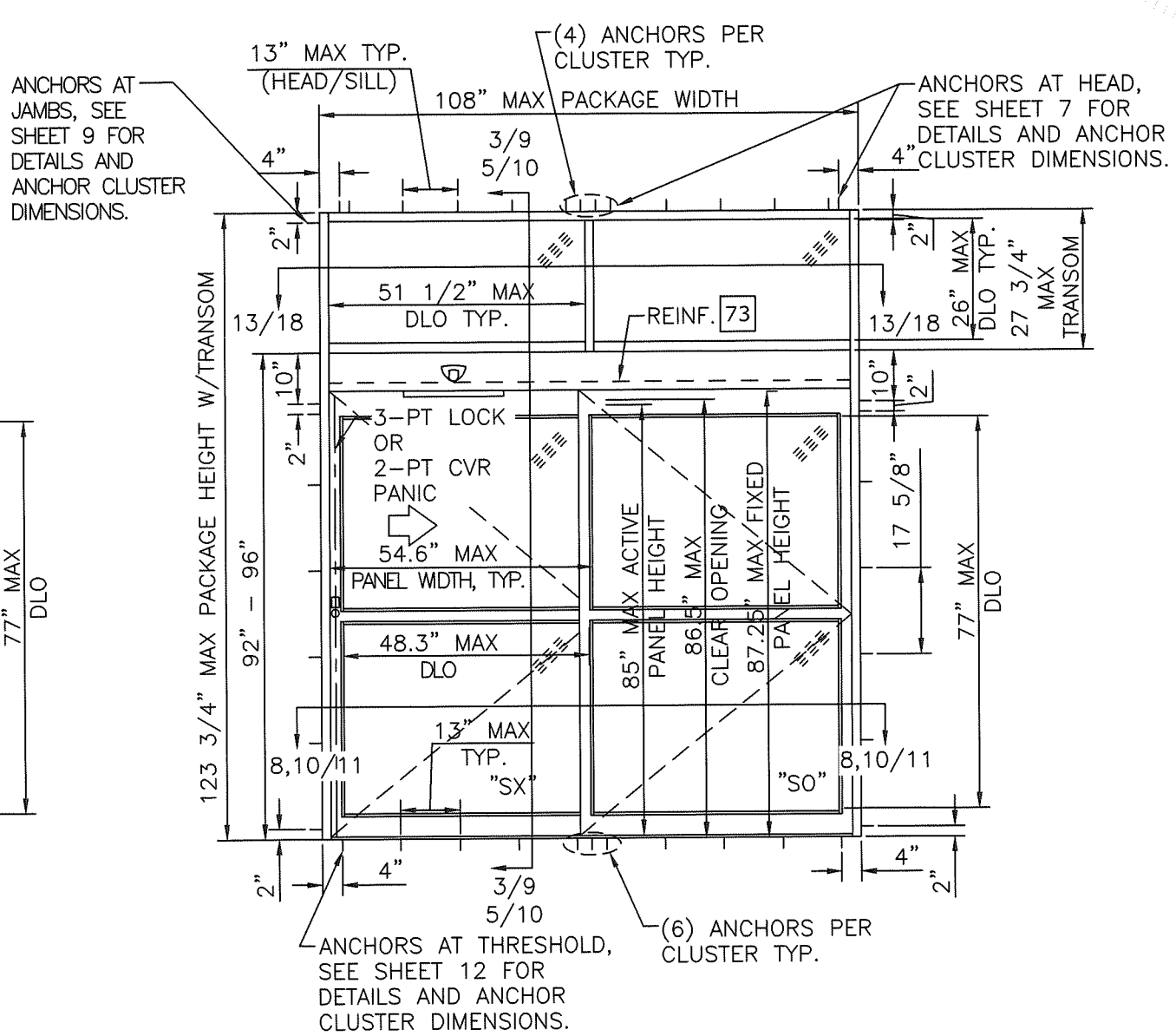


REMARKS	DATE	DRWN	CHKD
REV. FBC 6TH EDITION	08/23/17	JMP	FLB
REV. FBC 7TH EDITION	11/17/20	JEM	AJP

COPYRIGHT ENGINEERING EXPRESS®
20-33204
SCALE: NTS UNLESS NOTED
03 OF 19



DURA-STORM 3000 TYPICAL ELEVATIONS
SO-SX-SX-SO (BI-PART)



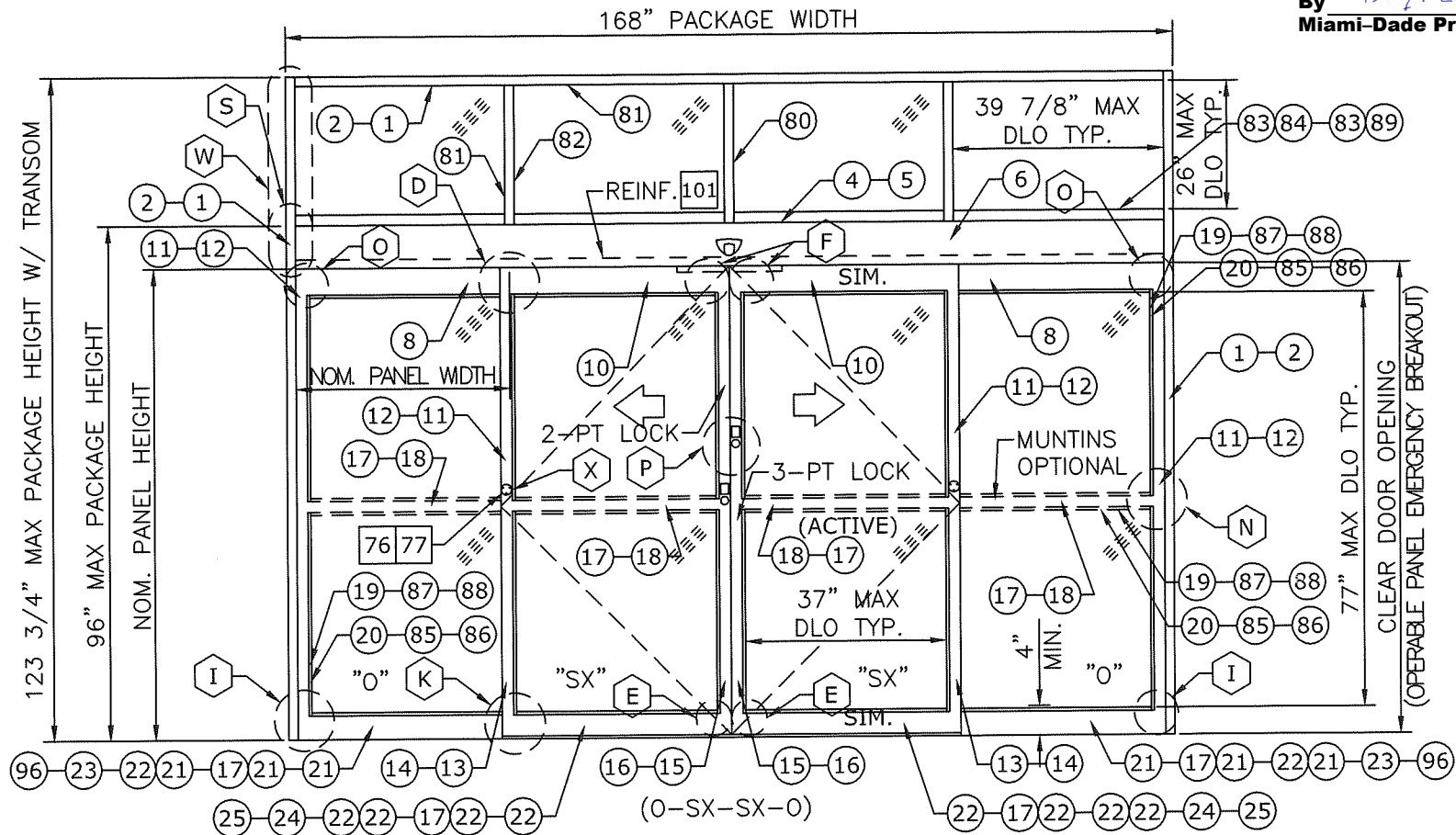
DURA-STORM 3000 TYPICAL ELEVATIONS
SX-SO (SINGLE SLIDE)

NOTES

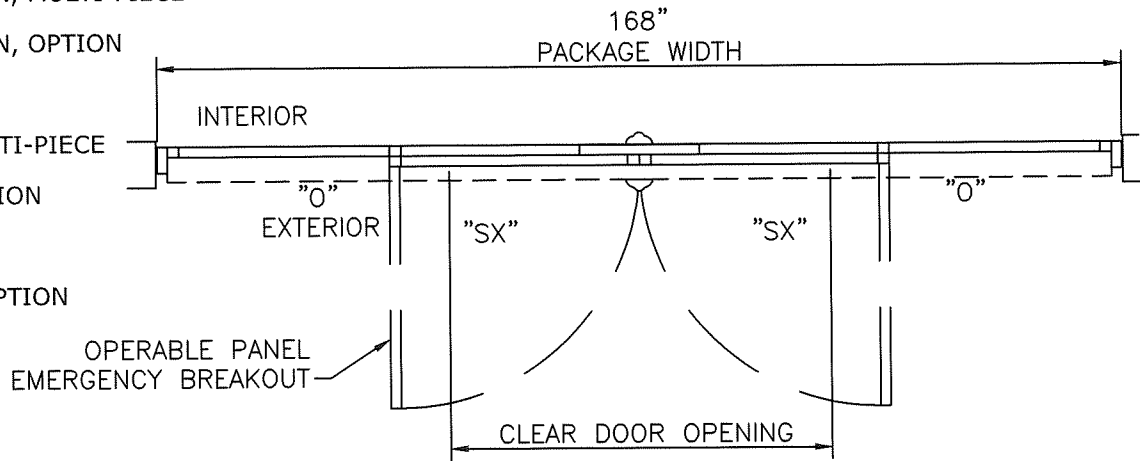
- MAX DLO AS SHOWN.
- 1.1. BI-PARTING PANEL: 37" W X 77" H, 36 3/4" H WITH PANIC MUNTIN; TRANSOMS: 39 7/8" W X 26" H.
- 1.2. SINGLE SLIDE PANEL: 48 1/4" W X 77" H, 36 3/4" H WITH PANIC MUNTIN; TRANSOMS: 51 1/2" W X 26" H.
- 4-POINT CVR LOCKING WITH G86 PANIC RELEASE (2-PT CVR ACTIVE & 2-PT CVR) AND 5-POINT LOCKING (3-PT ACTIVE & 2-PT) AVAILABLE. SEE SHEET 17.
- PRODUCT SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH PRODUCT APPROVALS.
- SEE SHEETS 7, 9, 10, 11 AND 12 FOR REQUIRED ANCHORAGE.
- SEE SHEET 16 FOR GLAZING DETAILS.

DURA-STORM SERIES 2000 ELEVATION AND PLAN

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By Ishag I. Lhanda
Miami-Dade Product Control



EXTERIOR ELEVATION



PLAN

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

- NOTES
1. TYPICAL DOOR SHOWN. STILE, RAIL AND MUNTIN OPTIONS AVAILABLE AS INDICATED.
2. HORIZONTAL MUNTIN BAR NOT REQUIRED AS INDICATED BY DASHED LINES. MAX DLO: 37" W X 77" H AS SHOWN
3. 5-POINT LOCKING STANDARD (3-PT ACTIVE & 2-PT). SEE SHEET 17.
4. PRODUCT SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH PRODUCT APPROVALS.
5. SEE SHEETS 7, 8, 11, AND 12 FOR REQUIRED ANCHORAGE.
6. SEE SHEET 16 FOR GLAZING DETAILS.

DESIGN RATINGS		
MISSILE IMPACT RATING		
<input checked="" type="checkbox"/>	NON-IMPACT RESISTANT	
DESIGN PRESSURE RATING (PSF[Pa])		
	WHERE WATER INFILTRATION RATING IS REQUIRED	WHERE WATER INFILTRATION RATING IS NOT REQUIRED
POSITIVE	NOT APPROVED	55 PSF
NEGATIVE	NOT APPROVED	55 PSF

SERIES 2000 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 AVAILABLE PACKAGE HEIGHT INFORMATION*			
PACKAGE HEIGHT	ROUGH OPENING	NOMINAL CLEAR DOOR OPENING	CAULKING ALLOWANCE
92.0"	92.3"	82.5"	1/4" TOP
96.0"	96.3"	86.5"	1/4" TOP

FRANK BENNARDO, P.E.
PE# 0046549 CA. 9885

ENGINEERING
EXpress
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGIION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032



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

REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

COPYRIGHT ENGINEERING EXPRESS®

20-33204

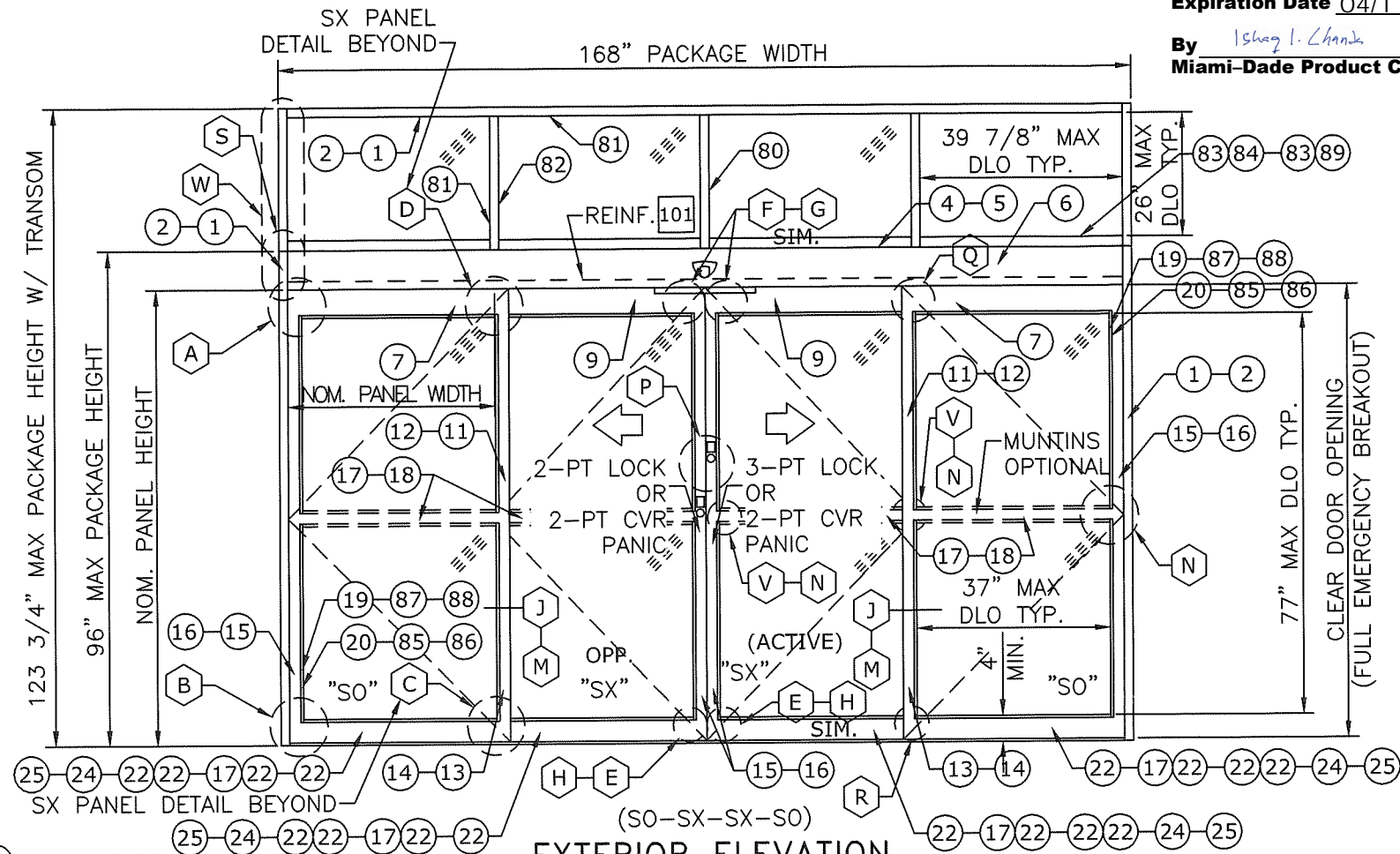
SCALE: NTS UNLESS NOTED

DURA-STORM SERIES 3000 ELEVATION AND PLAN

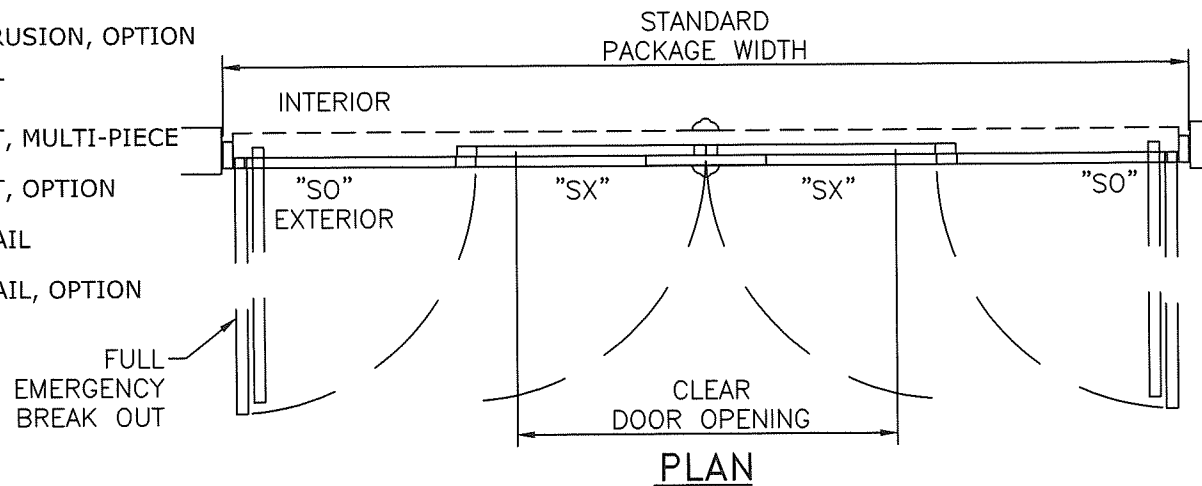
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02

Expiration Date 04/11/2028

By Ishag I. Chande
Miami-Dade Product Control



- (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"/>	NON-IMPACT RESISTANT	
DESIGN PRESSURE RATING (PSF[Pa])		
	WHERE WATER INFILTRATION RATING IS REQUIRED	WHERE WATER INFILTRATION RATING IS NOT REQUIRED
POSITIVE	NOT APPROVED	55 PSF
NEGATIVE	NOT APPROVED	55 PSF

SERIES 3000 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 AVAILABLE PACKAGE HEIGHT INFORMATION*			
PACKAGE HEIGHT	ROUGH OPENING	NOMINAL CLEAR DOOR OPENING	CAULKING ALLOWANCE
92.0"	92.3"	82.5"	1/4" TOP
96.0"	96.3"	86.5"	1/4" TOP

FRANK BENNARD, P.E.
PE# 0046549 CA. 9885

STATE OF
FEB 10 2023

ENGINEERING
EXPRESS®
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032



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

REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

COPYRIGHT ENGINEERING EXPRESS®

20-33204

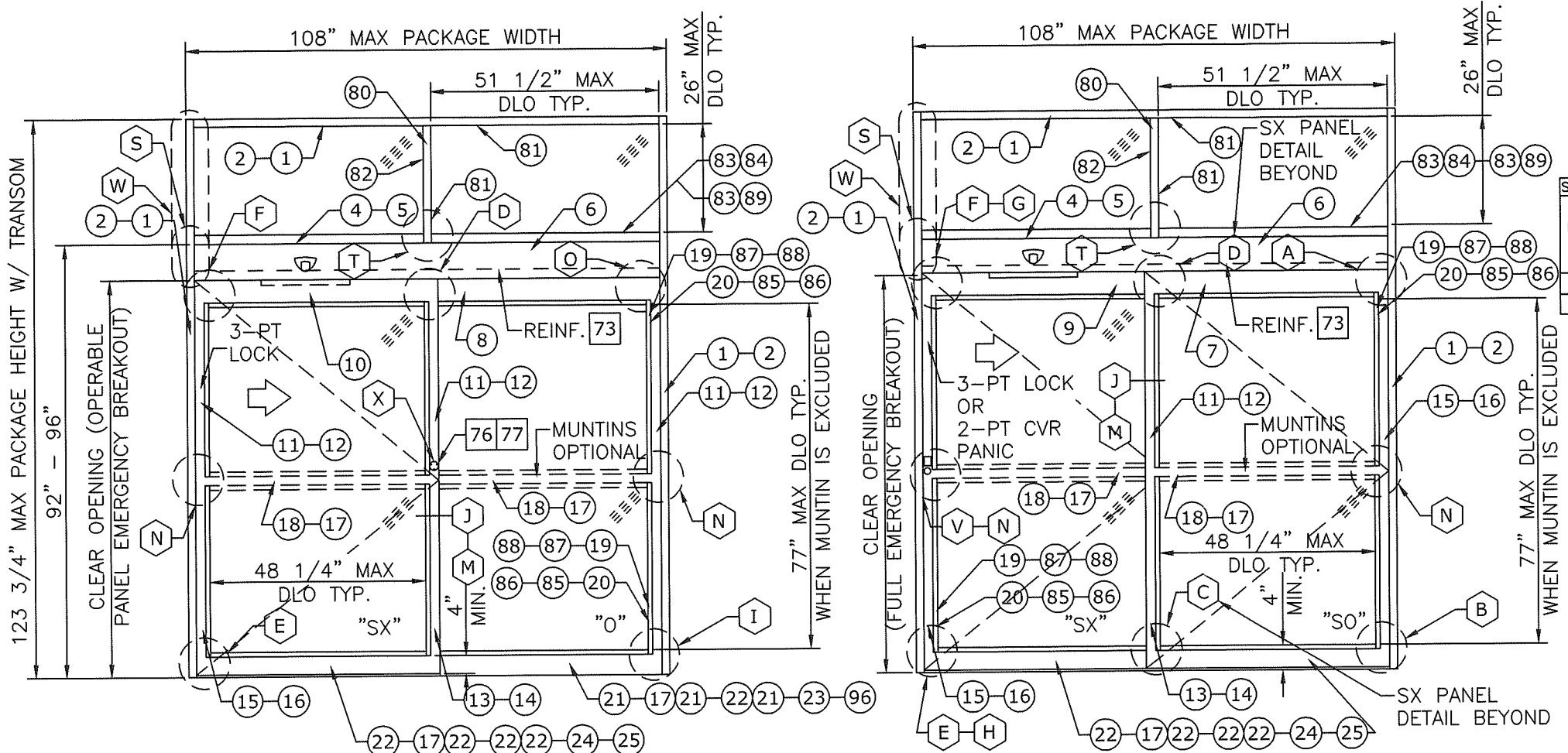
SCALE: NTS UNLESS NOTED

OF 19

05

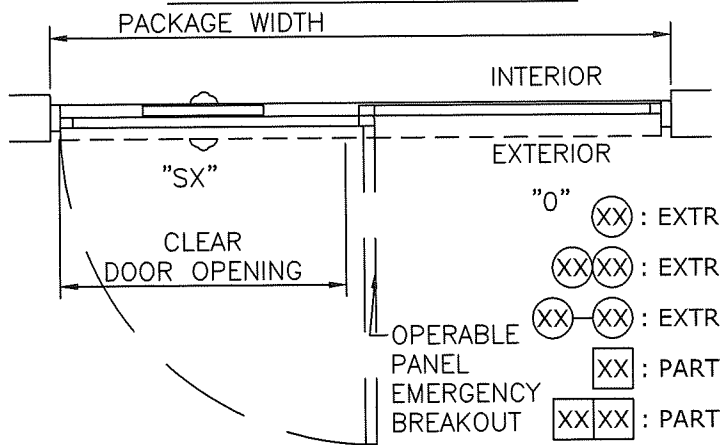
- NOTES
1. TYPICAL DOOR SHOWN. STILE, RAIL AND MUNTIN OPTIONS AVAILABLE AS INDICATED.
 2. HORIZONTAL MUNTIN BAR NOT REQUIRED EXCEPT AT PANIC DEVICE, AS INDICATED BY DASHED LINES. MAX PANEL DLO: 37" W X 77 3/8" H, 36 3/4" H WITH PANIC MUNTIN AS SHOWN.
 3. 4-POINT CVR LOCKING WITH G86 PANIC RELEASE (2-PT CVR ACTIVE & 2-PT CVR) AND 5-POINT LOCKING (3-PT ACTIVE & 2-PT) AVAILABLE. SEE SHEET 17.
 4. PRODUCT SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH PRODUCT APPROVALS.
 5. SEE SHEETS 7, 9, 10, 11, AND 12 FOR REQUIRED ANCHORAGE.
 6. SEE SHEET 16 FOR GLAZING DETAILS.

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

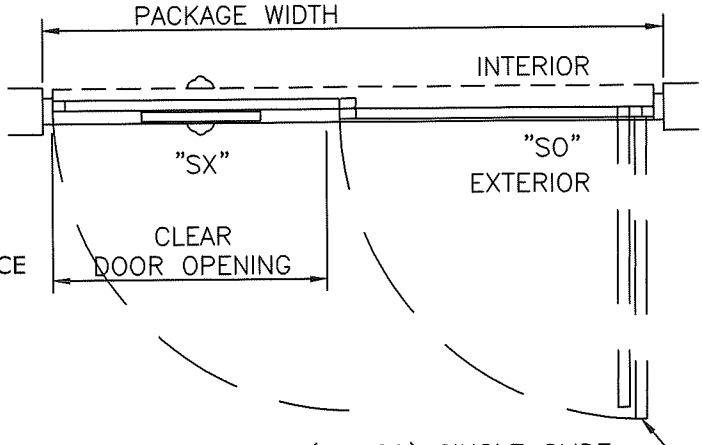


SERIES 2000 (SX-O) SINGLE SLIDE W/ TRANSOM
EXTERIOR ELEVATION

SERIES 3000 (SX-SO) SINGLE SLIDE W/ TRANSOM
EXTERIOR ELEVATION



SERIES 2000 (SX-O) SINGLE SLIDE
PLAN



SERIES 3000 (SX-SO) SINGLE SLIDE
PLAN

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

- NOTES
1. TYPICAL DOOR SHOWN. STILE, RAIL AND MUNTIN OPTIONS AVAILABLE AS INDICATED.
 2. HORIZONTAL MUNTIN BAR NOT REQUIRED EXCEPT AT PANIC DEVICE, AS INDICATED BY DASHED LINES. MAX PANEL DLO: 48 1/4" W X 77 1/16" H, 36 3/4" H WITH PANIC MUNTIN AS SHOWN. MAX TRANSOM DLO 51.5" W X 26" H.
 3. 2-POINT CVR LOCKING WITH G86 PANIC RELEASE AND 3-POINT LOCKING AVAILABLE ON SERIES 3000. 3-POINT ONLY ON SERIES 2000. SEE SHEET 17.
 4. PRODUCT SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH PRODUCT APPROVALS.
 5. SEE SHEETS 7 THROUGH 12 FOR REQUIRED ANCHORAGE.
 6. SEE SHEET 16 FOR GLAZING DETAILS.

DESIGN RATINGS		
MISSILE IMPACT RATING		
<input checked="" type="checkbox"/> NON-IMPACT RESISTANT		
DESIGN PRESSURE RATING (PSF[Pa])		
	WHERE WATER INFILTRATION RATING IS REQUIRED	WHERE WATER INFILTRATION RATING IS NOT REQUIRED
POSITIVE	NOT APPROVED	55 PSF
NEGATIVE	NOT APPROVED	55 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	ENTRANCE HEIGHT	ROUGH OPENING	NOMINAL CLEAR DOOR OPENING	CAULKING ALLOWANCE
119.8"	92.0"	92.3"	82.5"	1/4" TOP
123.8"	96.0"	96.3"	86.5"	1/4" TOP

* NOTE: THIS SYSTEM WAS TESTED AT A SIZE OF 108"X123-3/4", THESE TABLES INDICATE PACKAGE SIZES AVAILABLE FROM MANUFACTURER.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By *Ismael L. Chank*
Miami-Dade Product Control

FRANK BENNARDO, P.E.
PE# 0046549 CA. 9885

FEB 10 2023

ENGINEERING EXPRESS

POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

ALLEGION

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

REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

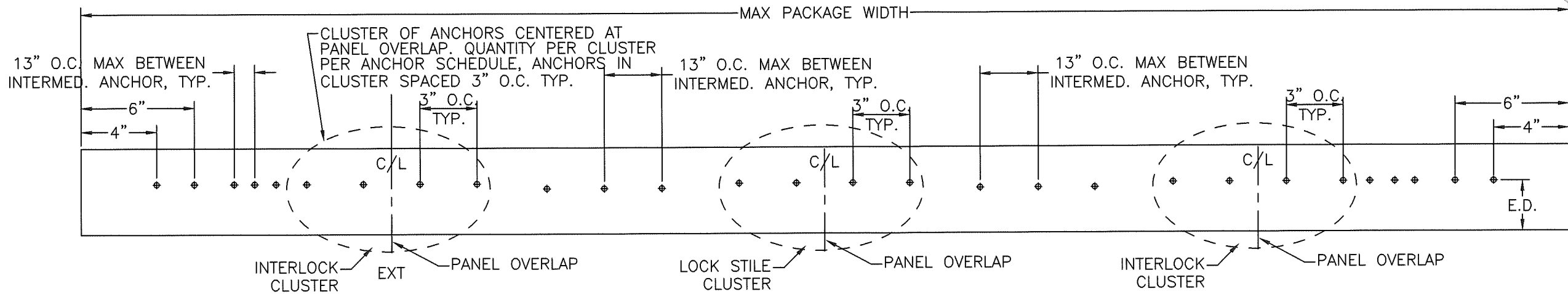
COPYRIGHT ENGINEERING EXPRESS®

20-33204

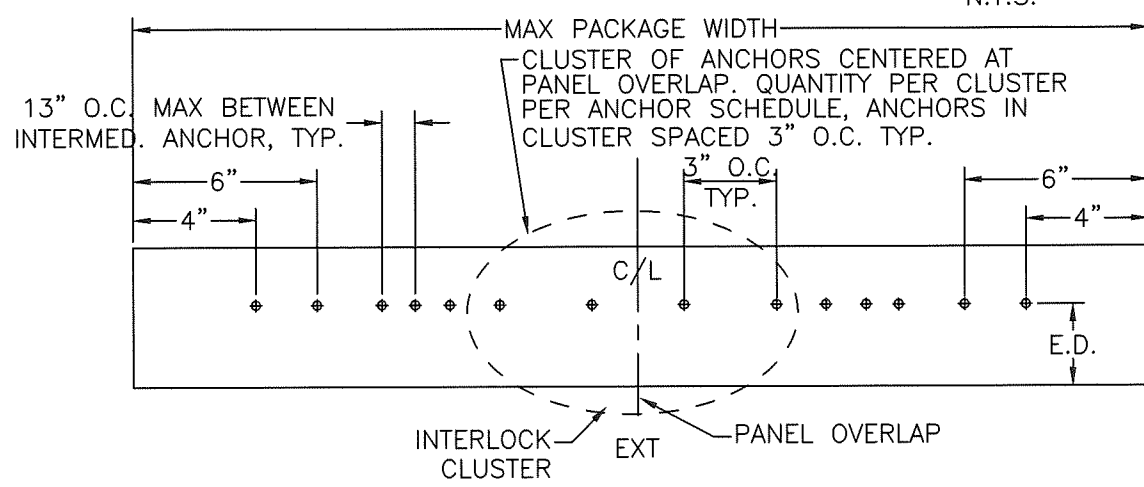
SCALE: NTS UNLESS NOTED

06

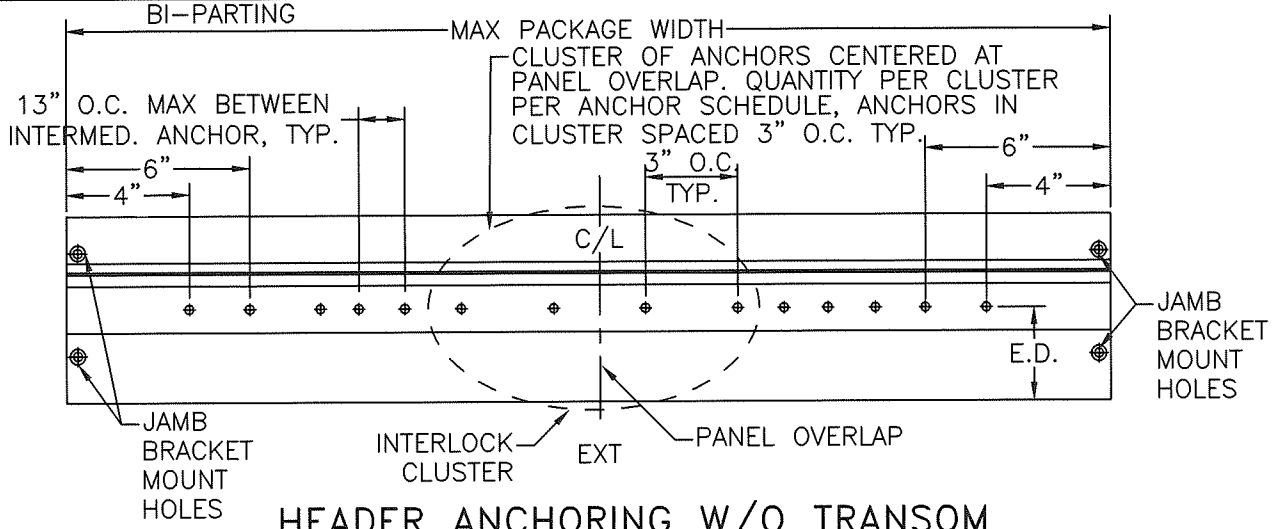
DURA-STORM SERIES 2000/3000 HEADER ANCHORING



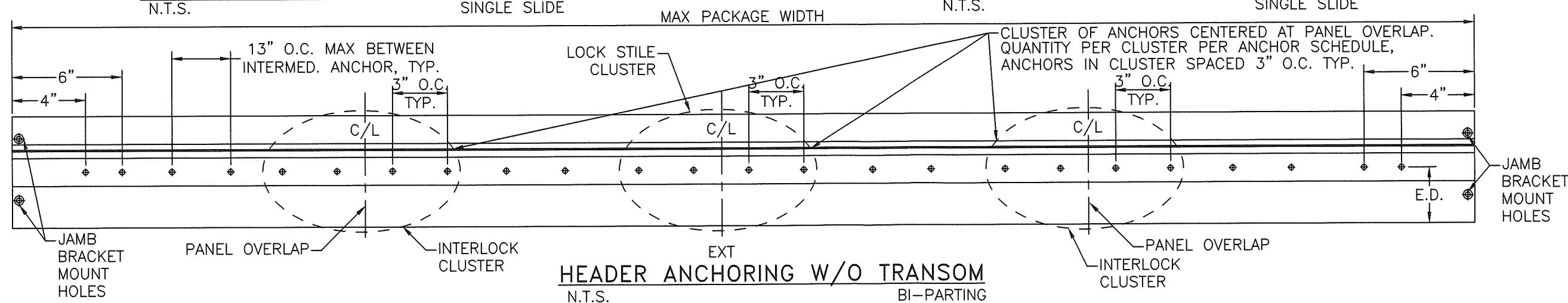
HEADER ANCHORING WITH TRANSOM
N.T.S.



HEADER ANCHORING WITH TRANSOM
N.T.S. SINGLE SLIDE



HEADER ANCHORING W/O TRANSOM
N.T.S. SINGLE SLIDE

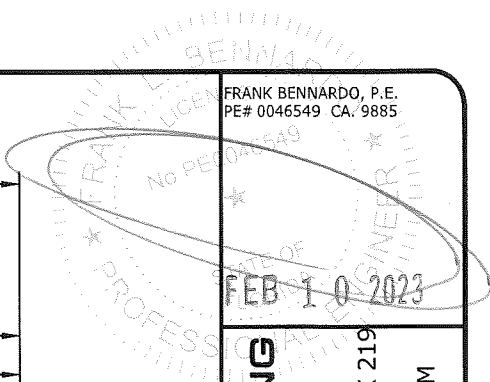


HEADER ANCHORING W/O TRANSOM
N.T.S. BI-PARTING

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By Ishag I. Chank
Miami-Dade Product Control

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

SEE JAMB ANCHORS SHEETS 8 THROUGH 10, AND THRESHOLD ANCHORS SHEET 12. THRESHOLD ANCHORS APPLICABLE ONLY TO 3KSI CONCRETE.



ENGINEERING EXPRESS
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032



REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

20-33204

SCALE: NTS UNLESS NOTED

DURA-STORM SERIES 2000 JAMB SECTIONS & ANCHORING, W/ STD 5-POINT LOCKING

FRANK BENNARD, P.E.
PE# 0046549 CA. 9885

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02

Expiration Date 04/11/2028

By *Ishaq I. Chande*
Miami-Dade Product Control

ENGINEERING EXPRESS®
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGIION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

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

REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

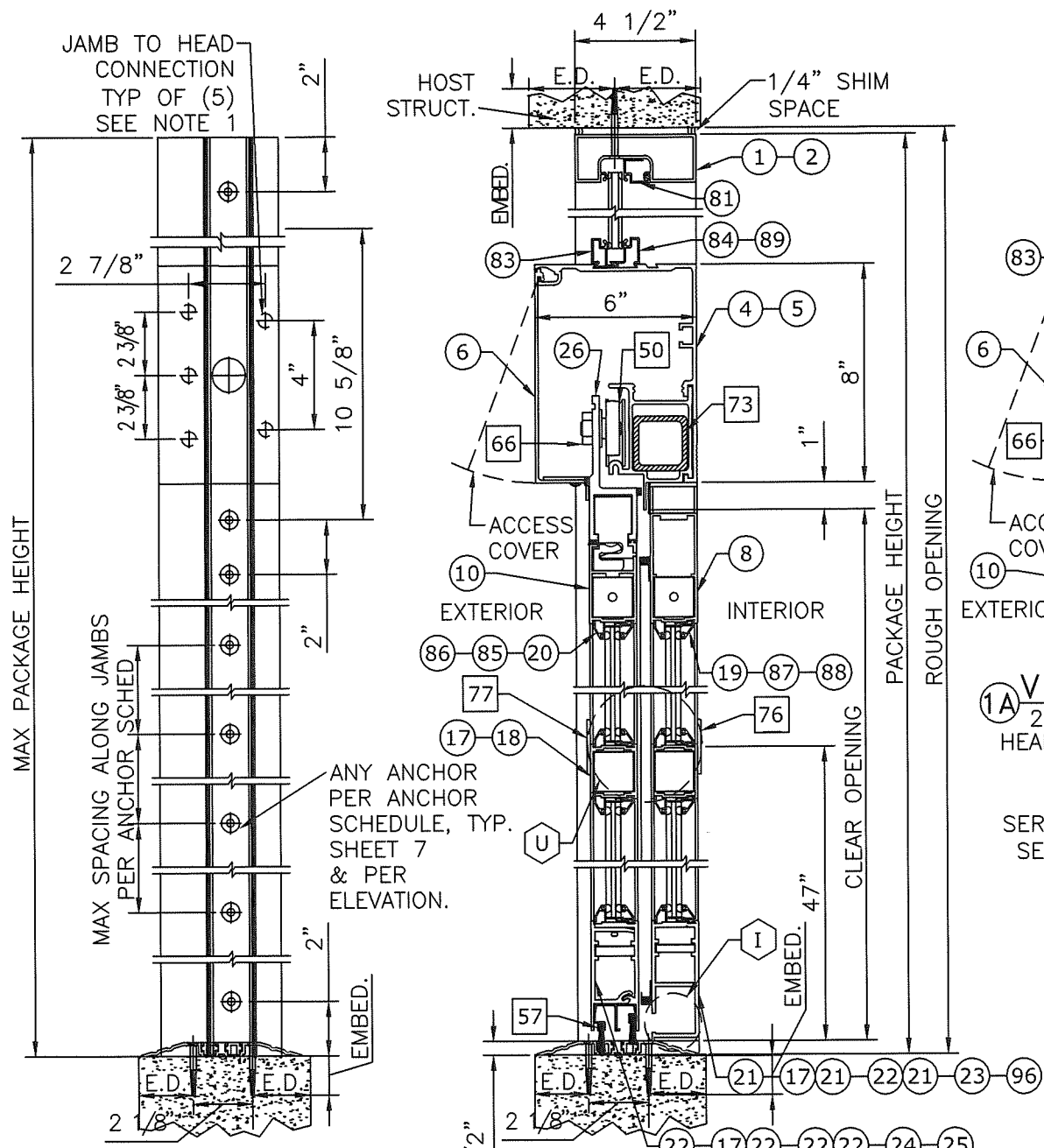
COPYRIGHT ENGINEERING EXPRESS®

20-33204

SCALE: NTS UNLESS NOTED

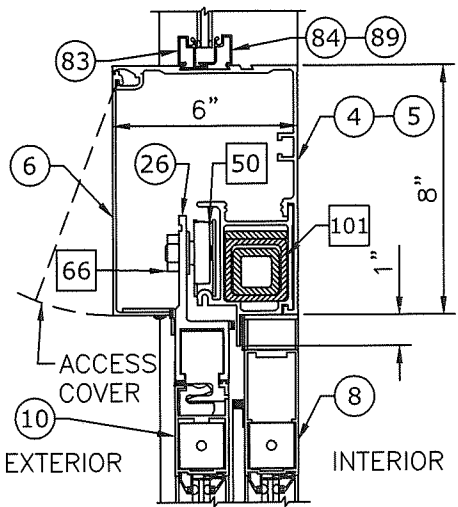
OF 19

08



FRAME ANCHORING
N.T.S.
SERIES 2000
(0-SX-SX-0) OR (SX-0)
SEE HORIZONTAL
SECTIONS 11/11 & 12/11
RESPECTIVELY

1 VERTICAL SECTION
2\"=1'-0\" SINGLE SLIDE
SERIES 2000 (SX-0)
SEE HORIZONTAL SECTION
12/11



FRAME ANCHORING
N.T.S.
SERIES 2000
(0-SX-SX-0) OR (SX-0)
SEE HORIZONTAL
SECTIONS 11/11 & 12/11
RESPECTIVELY

2 VERTICAL SECTION
2\"=1'-0\"
SERIES 2000
(0-SX-SX-0) OR (SX-0)
SEE HORIZONTAL
SECTIONS 11/11 & 12/11
RESPECTIVELY

1A VERTICAL SECTION
2\"=1'-0\" BI-PARTING
HEADER REINFORCING DETAIL
WITH TRANSOM
SERIES 2000 (0-SX-SX-0)
SEE HORIZONTAL SECTION
11/11

SEE HEAD ANCHORS SHEET 7,
AND THRESHOLD ANCHORS
SHEET 12. THRESHOLD
ANCHORS APPLICABLE ONLY
TO 3KSI CONCRETE.

**NOTE: SEE SHEET 7 FOR ANCHOR SCHEDULE
AND ALLOWABLE ANCHOR TYPES**

- NOTES**
- JAMB TO HEAD CONNECTION FASTENERS; 5/16-18 HHMS WITH WASHER.
 - SEE SHEET 14 FOR STACKED BOTTOM RAIL OPTIONS.

DURA-STORM SERIES 3000 JAMB SECTIONS & ANCHORING, W/ STD 5-POINT LOCKING

FRANK BENNARD, P.E.
PE# 0046549, CA. 9885

FEB 10 2023

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 22-1207.02

Expiration Date 04/11/2028

By Ismael L. Chanda
Miami-Dade Product Control

ENGINEERING
EXPRESS

POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS
TECHNOLOGIES, LLC

65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032



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

REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

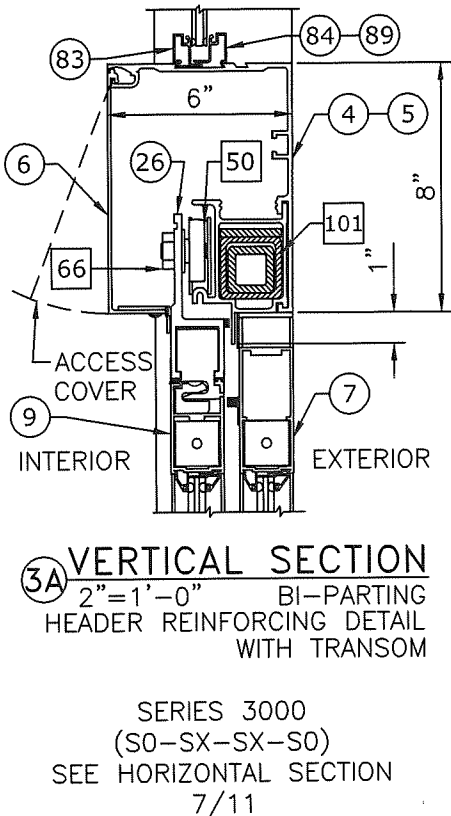
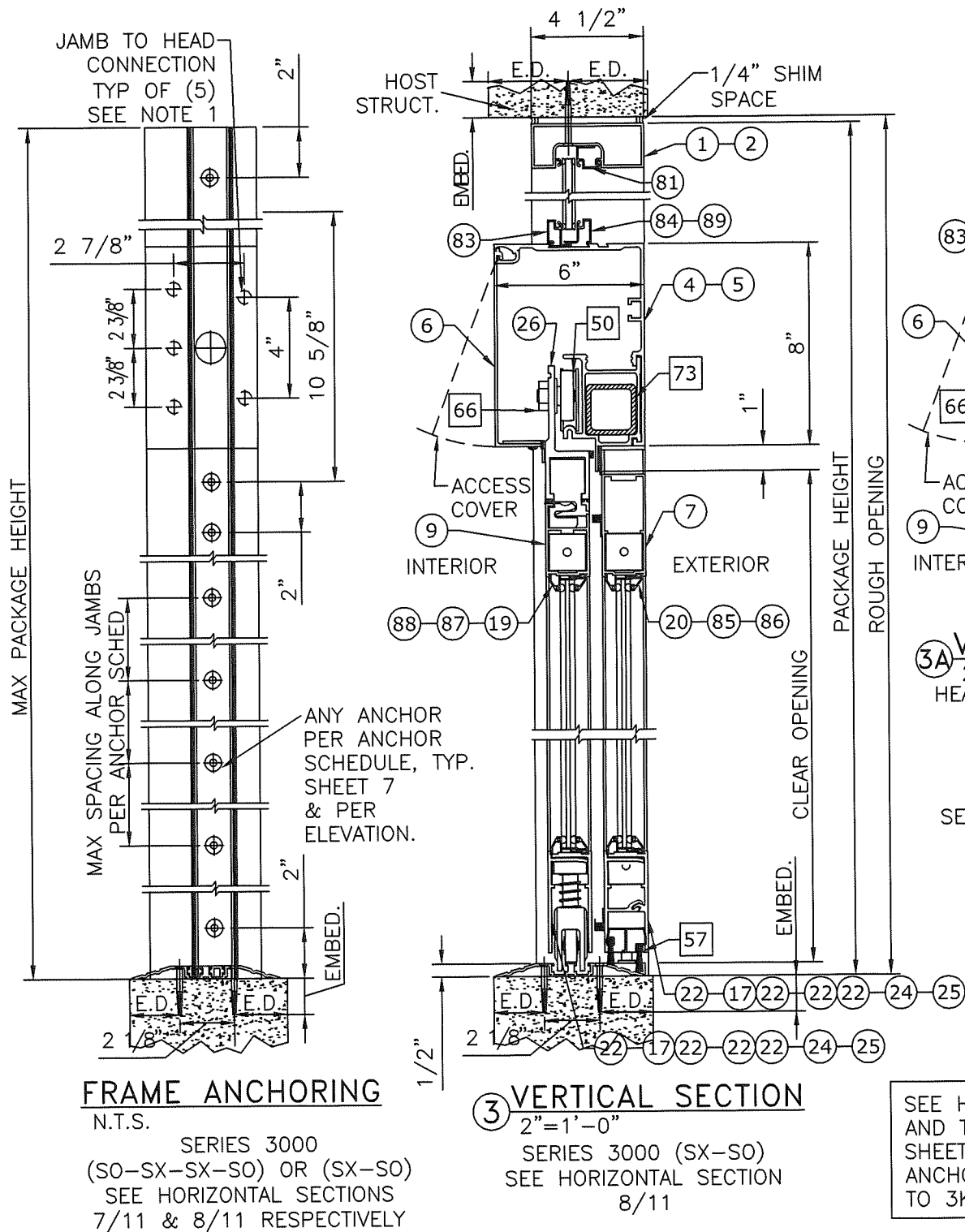
COPYRIGHT ENGINEERING EXPRESS®

20-33204

SCALE: NTS UNLESS NOTED

OF 19

09



NOTES

- JAMB TO HEAD CONNECTION FASTENERS; 5/16-18 HHMS WITH WASHER.
- SEE SHEET 14 FOR STACKED BOTTOM RAIL OPTIONS.

NOTE: SEE SHEET 7 FOR ANCHOR SCHEDULE
AND ALLOWABLE ANCHOR TYPES

WITHOUT TRANSOM

DURA-STORM SERIES 3000 JAMB SECTIONS & ANCHORING, W/ 4-POINT CVR LOCKING

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By Ishag I. Chande
Miami-Dade Product Control

FRANK BENNARDO, P.E.
PE# 0046549 CA. 9885
STATE OF FLORIDA
PROFESSIONAL ENGINEER
EX-ENGINEERING
EXPRESS®
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

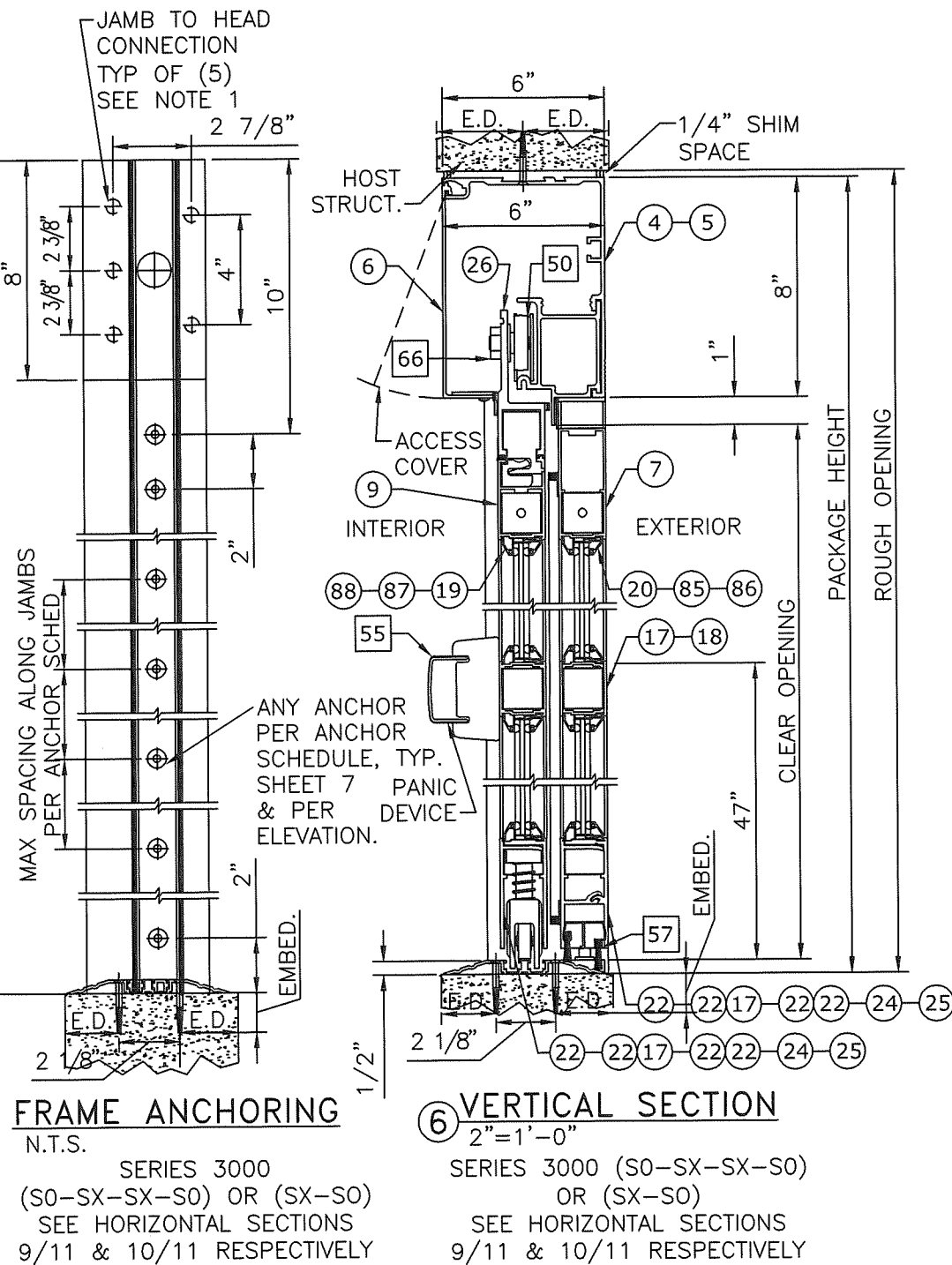
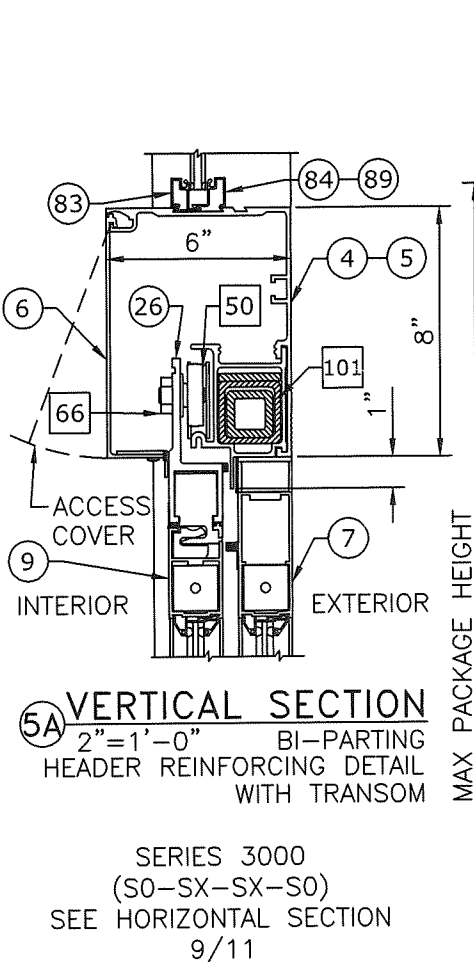
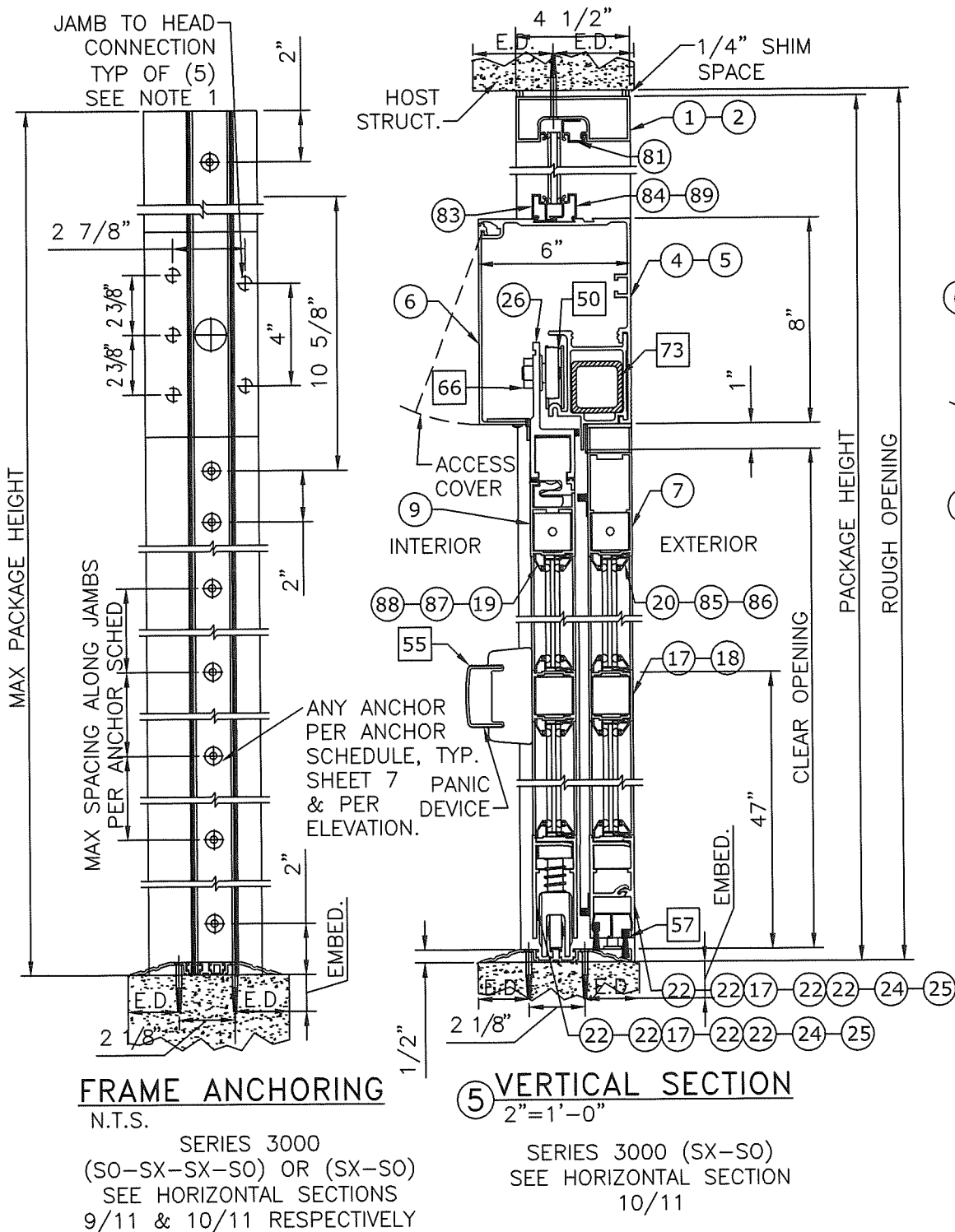
ALLEGION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032
ALLEGION
SAT SERIES "DURA-STORM 2000/3000" AUTO SGD
BI-PARTING/SINGLE SLIDE (NI)
MIAMI-DADE NOTICE OF ACCEPTANCE

DRWN	CHKD	DATE
JMP	FLB	08/23/17
JEM	AJP	11/17/20
REV. FBC 6TH EDITION		
REV. FBC 7TH EDITION		

REMARKS

COPYRIGHT ENGINEERING EXPRESS®

20-33204
SCALE: NTS UNLESS NOTED
10 OF 19



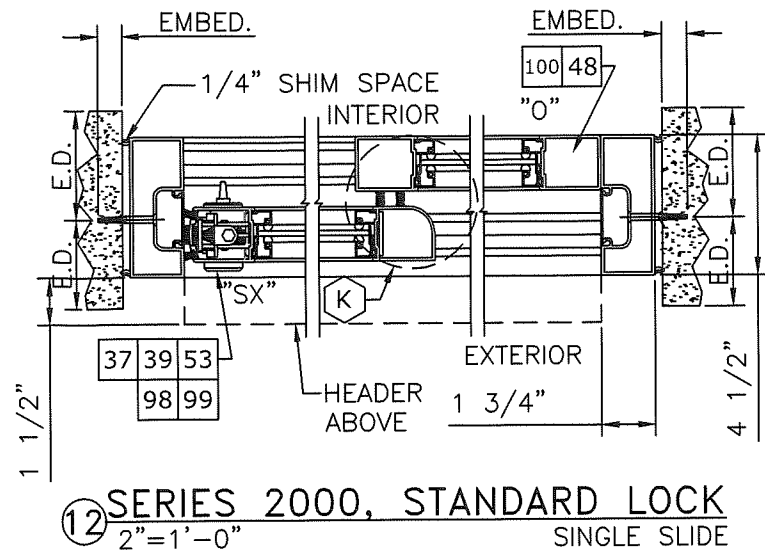
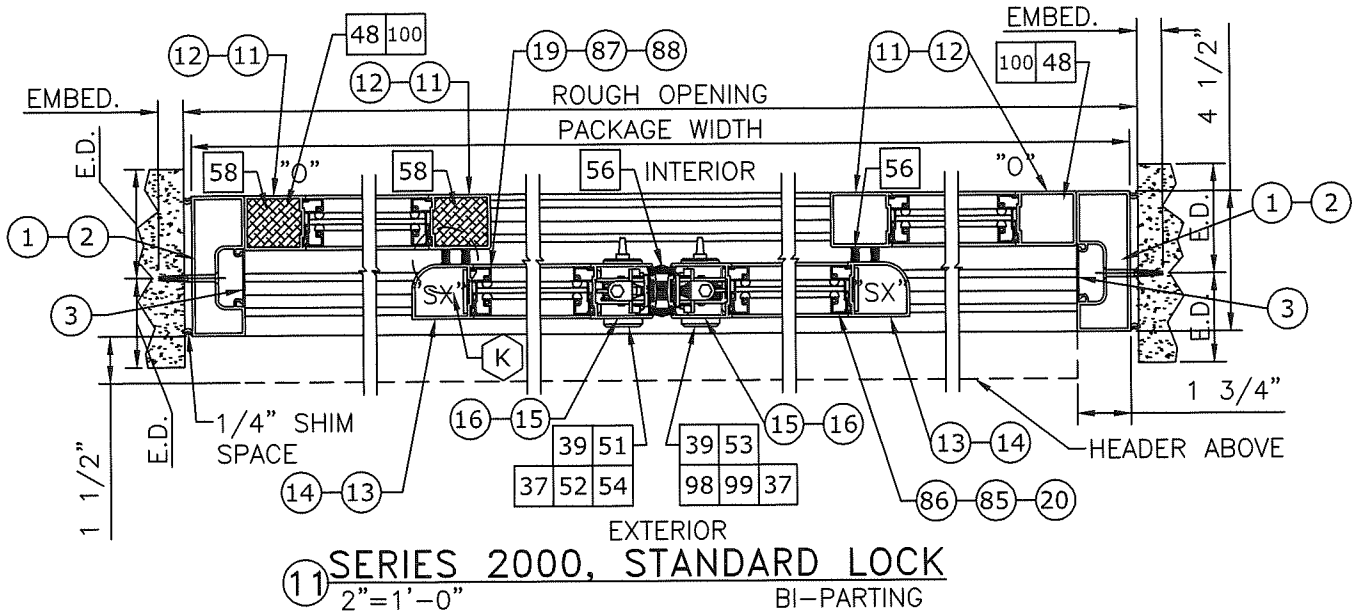
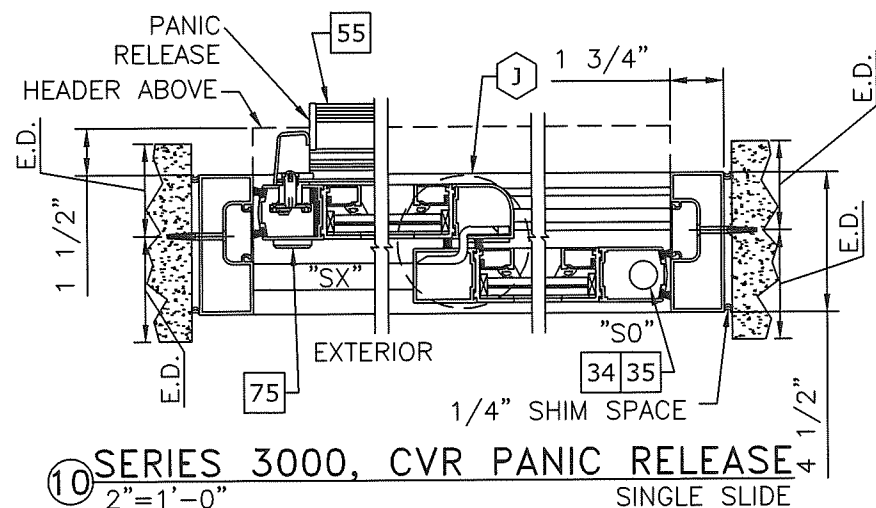
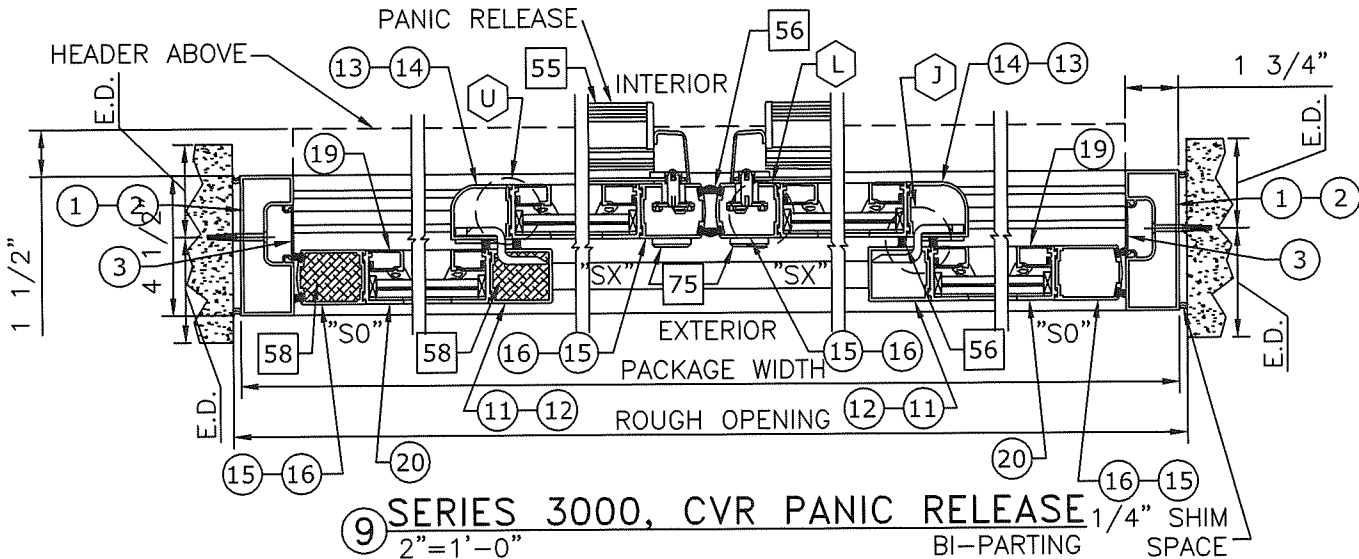
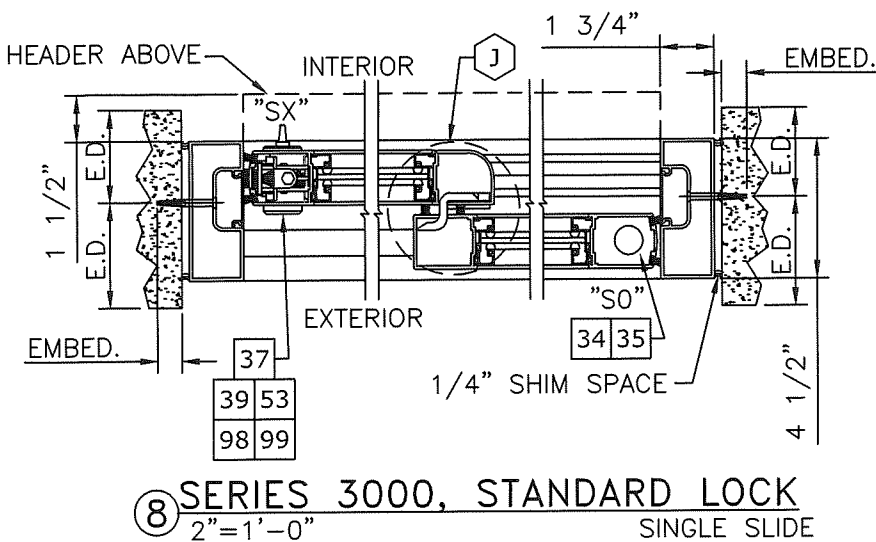
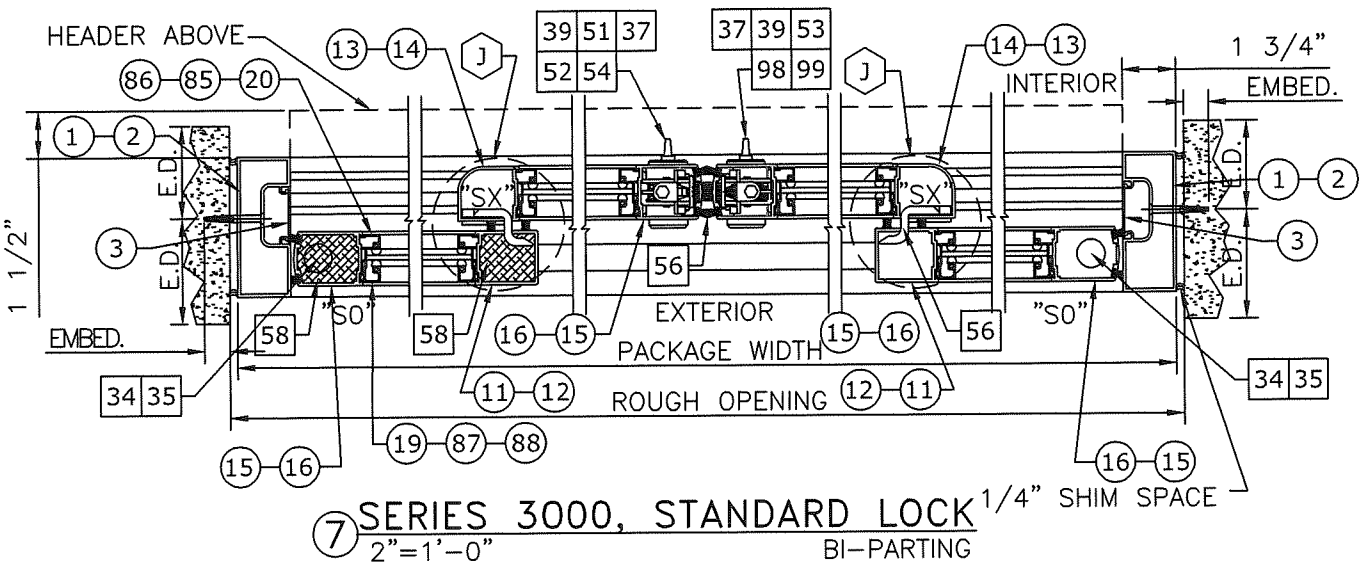
- NOTES
- JAMB TO HEAD CONNECTION FASTENERS; 5/16-18 HHMS WITH WASHER.
 - SEE SHEET 14 FOR STACKED BOTTOM RAIL OPTIONS.

SEE HEAD ANCHORS SHEET 7, AND THRESHOLD ANCHORS SHEET 12. THRESHOLD ANCHORS APPLICABLE ONLY TO 3KSI CONCRETE.

NOTE: SEE SHEET 7 FOR ANCHOR SCHEDULE AND ALLOWABLE ANCHOR TYPES

WITHOUT TRANSOM

DURA-STORM SERIES 2000/3000 HORIZONTAL SECTIONS & ANCHORING



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By Ishag I. Chanda
Miami-Dade Product Control

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

SEE HEAD ANCHORS SHEET 7,
AND THRESHOLD ANCHORS
SHEET 12. THRESHOLD
ANCHORS APPLICABLE ONLY
TO 3KSI CONCRETE.

FRANK BENNARD, P.E.
PE# 0046549, CA. 9885

STATE OF FLORIDA
FEB 10 2023
PROFESSIONAL ENGINEER

ENGINEERING EXPRESS®

POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGIION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

ALLEGIION

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

REMARKS	DRWN	CHKD	DATE
REV. FCC 6TH EDITION	JMP	FLB	08/23/17
REV. FCC 7TH EDITION	JEM	AJP	11/17/20

COPYRIGHT ENGINEERING EXPRESS®

20-33204

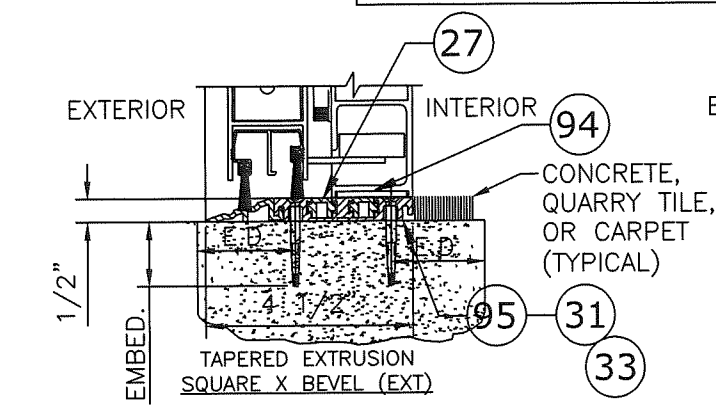
SCALE: NTS UNLESS NOTED

11

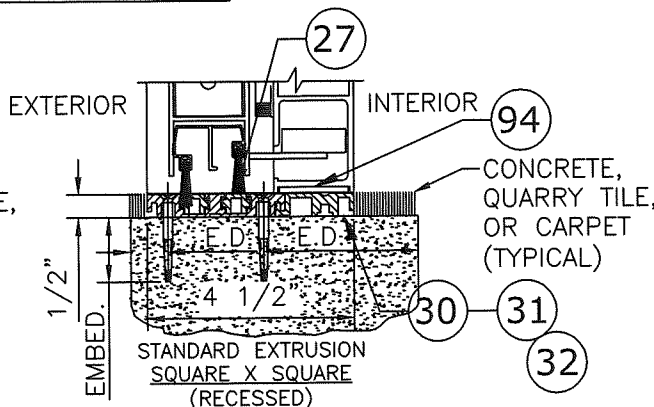
DURA-STORM SERIES 2000/3000 THRESHOLDS & ANCHORING

NOTE: USE CONCRETE ANCHOR PER ANCHOR SCHEDULE FOR ALL THRESHOLD ANCHORAGE DETAILS SHOWN HEREIN. SEE SHEET 7 FOR ANCHOR SCHEDULE AND ALLOWABLE CONCRETE ANCHOR TYPES

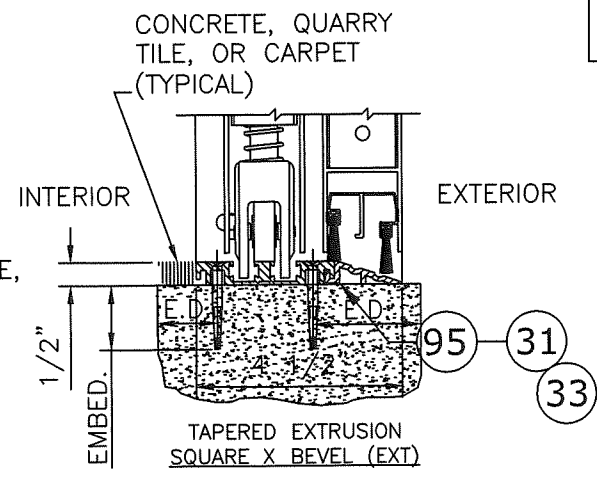
SEE HEAD ANCHORS SHEET 7, AND JAMB ANCHORS SHEETS 8 THROUGH 10.



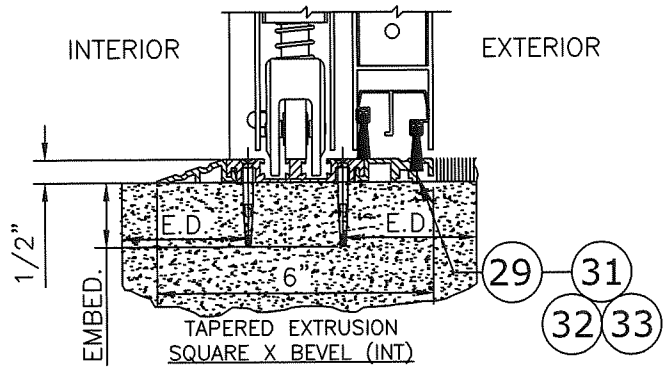
THRESHOLD-TAPERED EXT
3"=1'-0" 2000



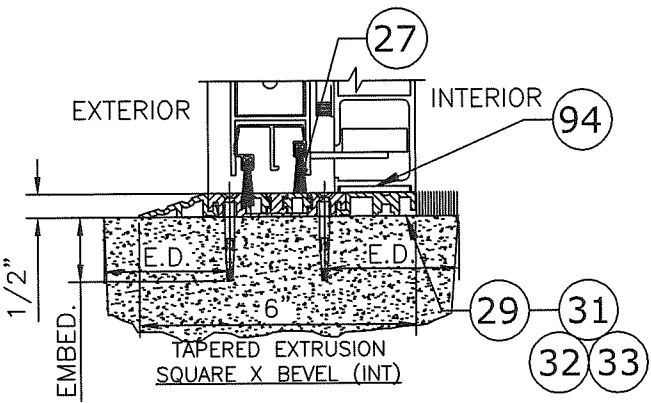
THRESHOLD-SQUARE
3"=1'-0" 2000



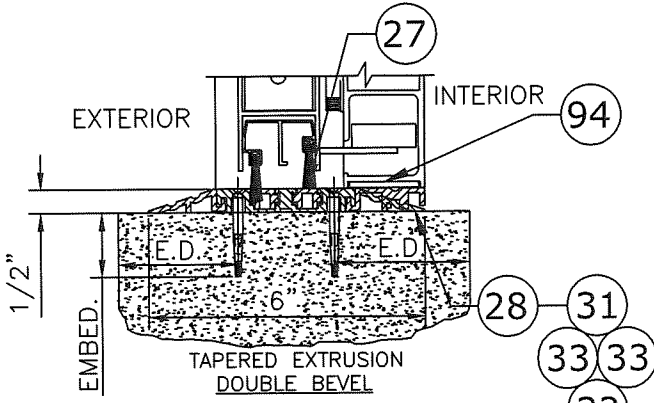
THRESHOLD-TAPERED EXT
3"=1'-0" 3000



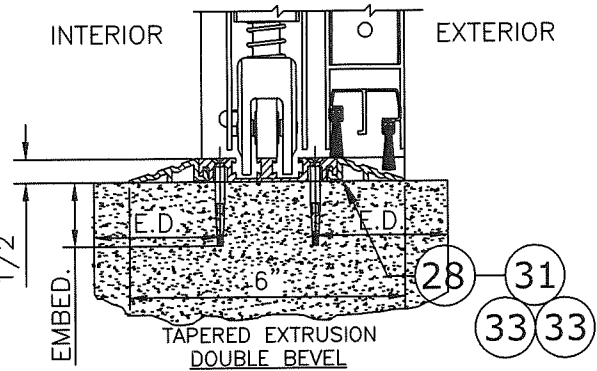
THRESHOLD-TAPERED INT
3"=1'-0" 3000



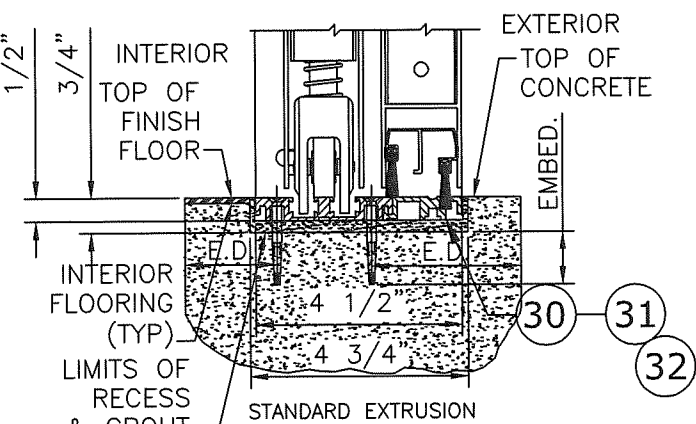
THRESHOLD-TAPERED INT
3"=1'-0" 2000



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



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

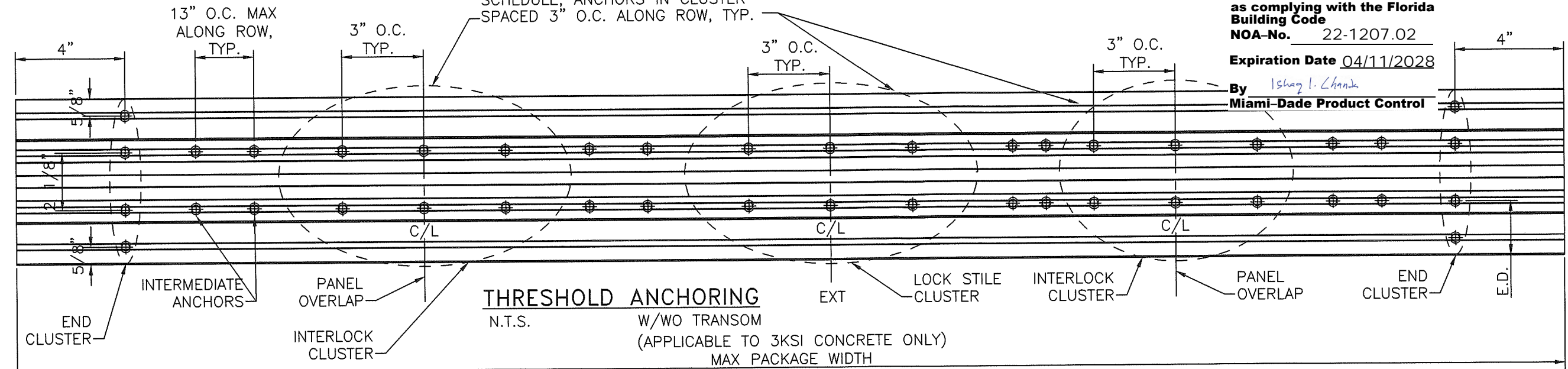


THRESHOLD-SQUARE
3"=1'-0" 3000

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02

Expiration Date 04/11/2028

By Ishag I. Chande
Miami-Dade Product Control



FRANK BENNARD, P.E.
PE# 0046549 CA. 9885

STATE OF
FEB 10 2023

ENGINEERING
EXPRESS®
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGIANCE
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

ALLEGIANCE
BI-PARTING/SINGLE SLIDE (NI)
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

COPYRIGHT ENGINEERING EXPRESS®
20-33204

SCALE: NTS UNLESS NOTED

DURA-STORM SERIES 2000/3000 EXTRUSIONS

FRANK BENNARDO, P.E.
PE# 0046549 CA. 9885

FEB 10 2023

ENGINEERING
EXPRESS®

POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS
TECHNOLOGIES, LLC

65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

ALLEGION®

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

DATE	DRWN	CHKD
08/23/17	JMP	FLB
11/17/20	JEM	AJP
REMARKS	REV. FBC 6TH EDITION	
REV. FBC 7TH EDITION		

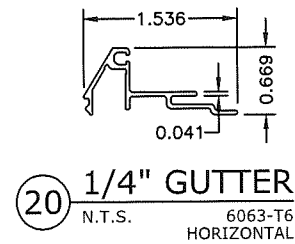
COPYRIGHT ENGINEERING EXPRESS®

20-33204

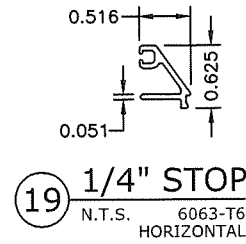
SCALE: NTS UNLESS NOTED

OF 19

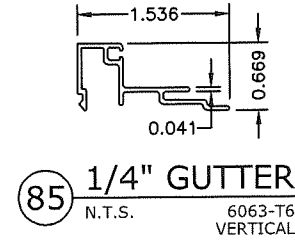
13



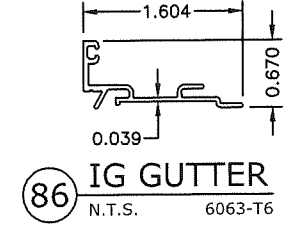
20 1/4" GUTTER
N.T.S. 6063-T6
HORIZONTAL



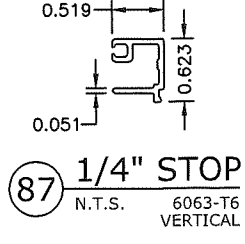
19 1/4" STOP
N.T.S. 6063-T6
HORIZONTAL



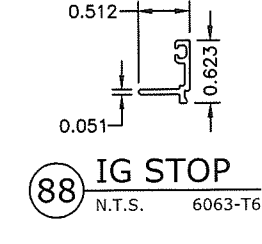
85 1/4" GUTTER
N.T.S. 6063-T6
VERTICAL



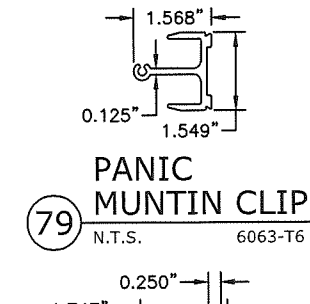
86 IG GUTTER
N.T.S. 6063-T6



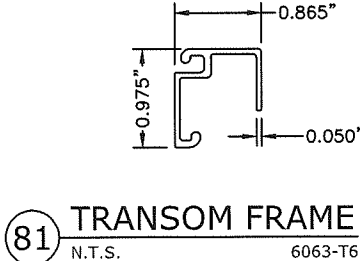
87 1/4" STOP
N.T.S. 6063-T6
VERTICAL



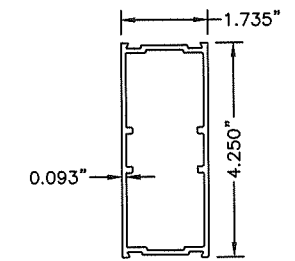
88 IG STOP
N.T.S. 6063-T6



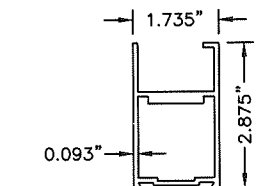
79 PANIC
MUNTIN CLIP
N.T.S. 6063-T6



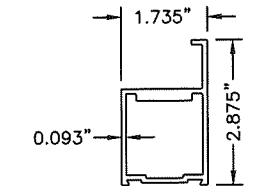
81 TRANSOM FRAME
N.T.S. 6063-T6



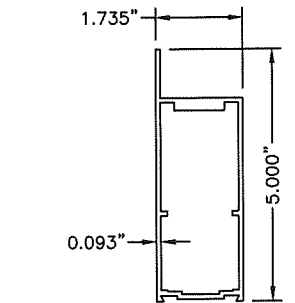
18 MUNTIN BAR
N.T.S. 6063-T6



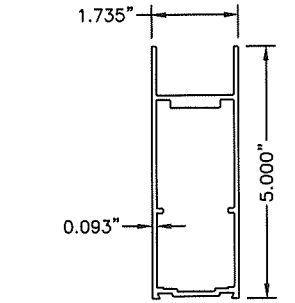
9 TOP RAIL, SX
N.T.S. 3000 6063-T6



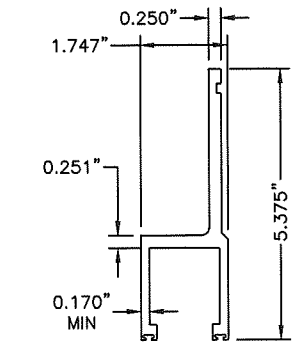
10 TOP RAIL, SX
N.T.S. 2000 6063-T6



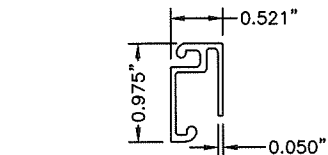
7 TOP RAIL, SO
N.T.S. 3000 6063-T6



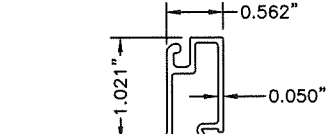
8 TOP RAIL, O
N.T.S. 2000 6063-T6



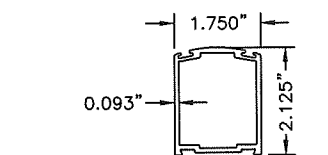
26 HANGER
N.T.S. 6063-T6



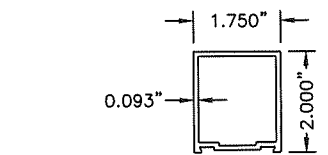
82 TRANSOM VERT.
N.T.S. 6063-T6



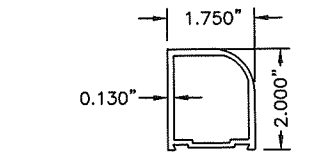
83 TRANSOM STOP
N.T.S. 6063-T6
HEADER



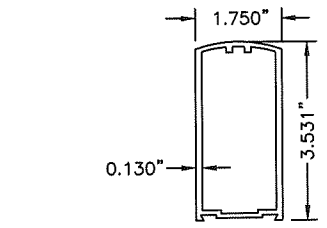
15 STILE LEAD
(NARROW)
N.T.S. 6063-T6



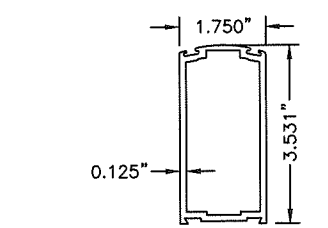
11 STILE FIXED
(NARROW)
N.T.S. 6063-T6



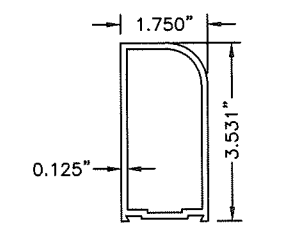
13 STILE PIVOT
(NARROW)
N.T.S. 6063-T6



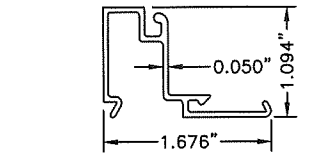
12 STILE LEAD
(MEDIUM)
N.T.S. 6063-T6



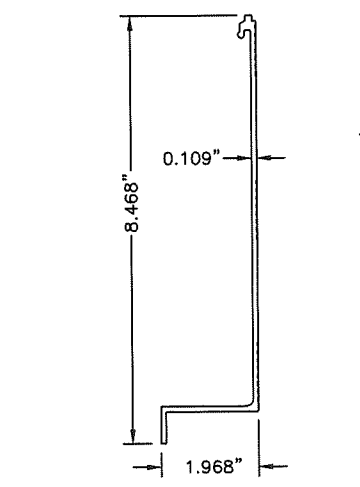
16 STILE LOCK
(MEDIUM)
N.T.S. 6063-T6



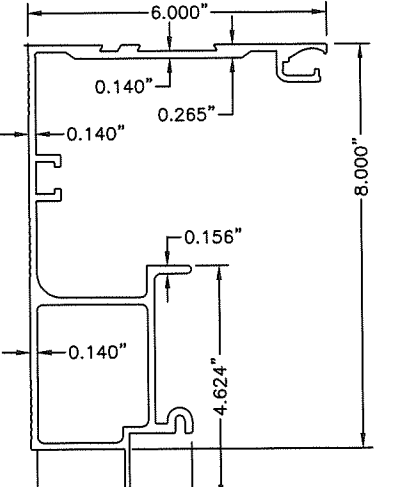
14 STILE PIVOT
(MEDIUM)
N.T.S. 6063-T6



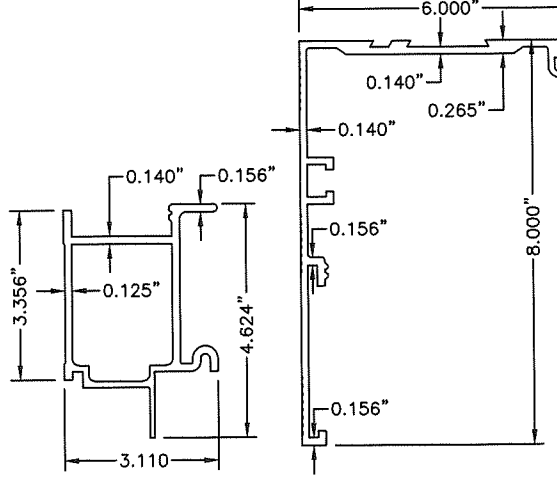
84 TRANSOM 1/4" GUTTER
N.T.S. 6063-T6
HEADER



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

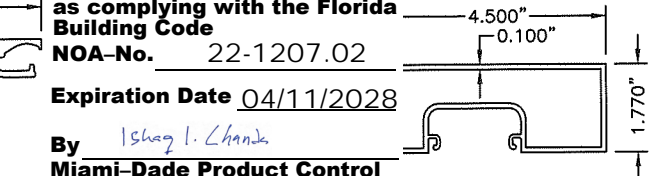


4 HEADER
N.T.S. 6063-T6

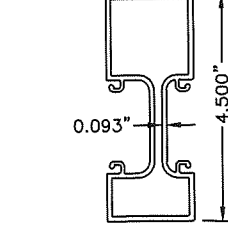


5 HEADER (2 PC.)
N.T.S. 6063-T6

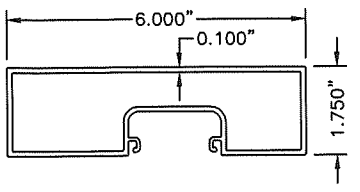
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By Ishag I. Chank
Miami-Dade Product Control



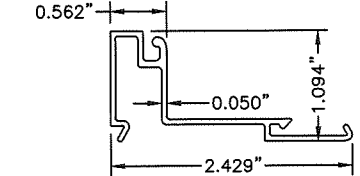
1 JAMB 4 1/2
N.T.S. 6063-T6



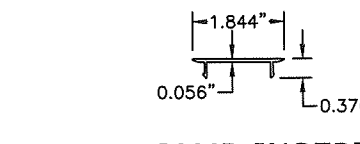
80 TRANSOM VERT.
N.T.S. 6063-T6



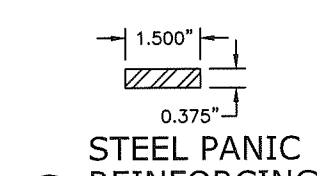
2 JAMB 6
N.T.S. 6063-T6



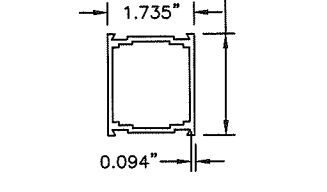
89 TRANSOM IG GUTTER
N.T.S. 6063-T6
HEADER



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



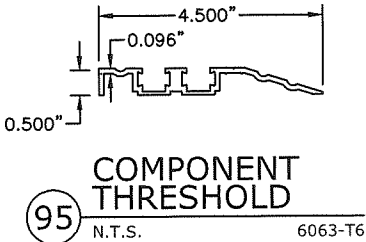
74 STEEL PANIC
REINFORCING
N.T.S. ASTM A-36



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

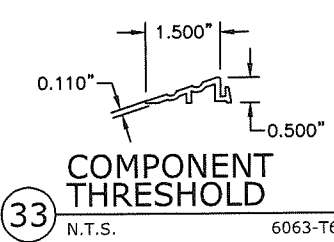
DURA-STORM SERIES 2000/3000 EXTRUSIONS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By Ishag I. Chank
Miami-Dade Product Control



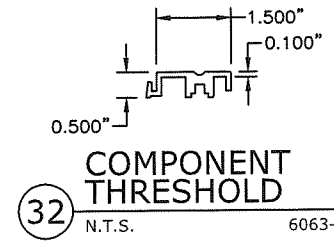
95 COMPONENT
THRESHOLD

N.T.S. 6063-T6



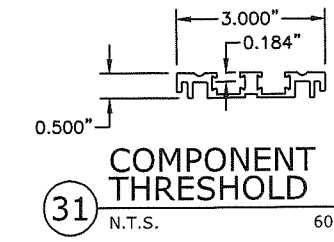
33 COMPONENT
THRESHOLD

N.T.S. 6063-T6



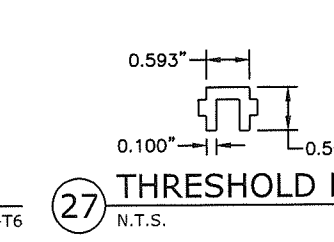
32 COMPONENT
THRESHOLD

N.T.S. 6063-T6



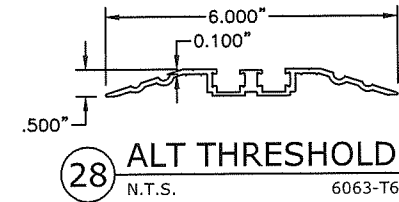
31 COMPONENT
THRESHOLD

N.T.S. 6063-T6



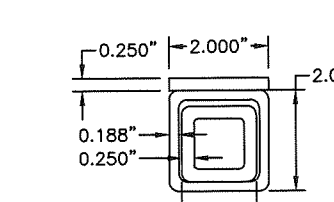
27 THRESHOLD FILLER

N.T.S. 6063-T6



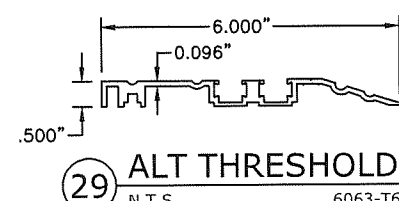
28 ALT THRESHOLD

N.T.S. 6063-T6



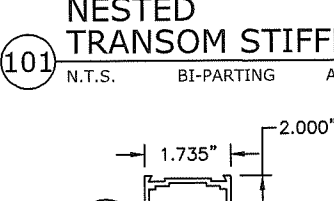
73 TRANSOM STIFFENER

N.T.S. SINGLE SLIDE ASTM A500



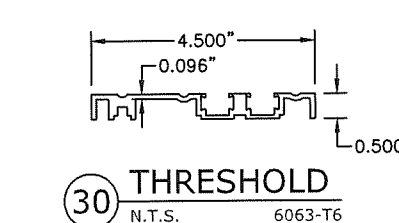
29 ALT THRESHOLD

N.T.S. 6063-T6



101 NESTED
TRANSOM STIFFENER

N.T.S. BI-PARTING ASTM A500



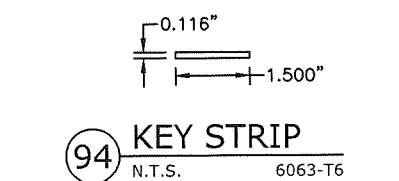
30 THRESHOLD

N.T.S. 6063-T6



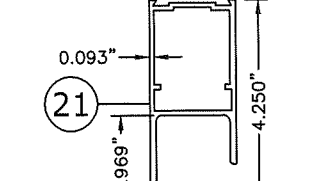
17 MUNTIN BAR

N.T.S. 6063-T6



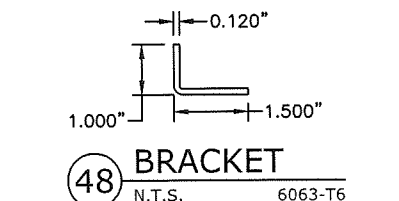
94 KEY STRIP

N.T.S. 6063-T6



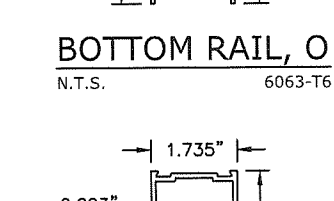
21 BOTTOM RAIL, O

N.T.S. 6063-T6



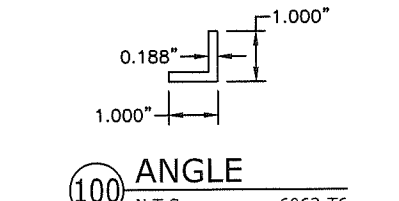
48 BRACKET

N.T.S. 6063-T6



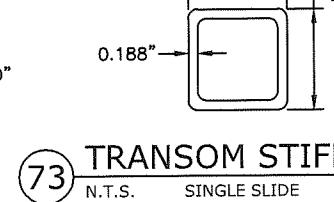
22 BOTTOM RAIL, SX/SO

N.T.S. 6063-T6



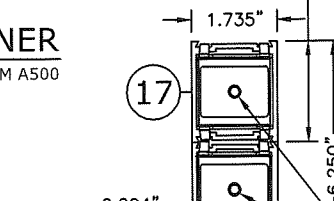
100 ANGLE

N.T.S. 6063-T6



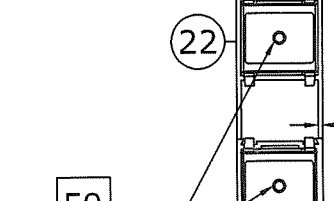
73 TRANSOM STIFFENER

N.T.S. SINGLE SLIDE ASTM A500



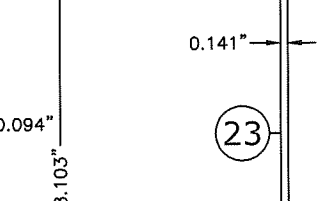
17 STACKED
BOTTOM RAIL, O

N.T.S. 6063-T6



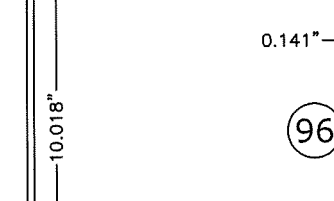
21 STACKED
BOTTOM RAIL, O

N.T.S. 6063-T6



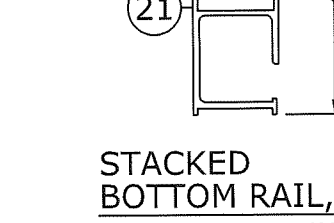
23 BOTTOM RAIL, O

N.T.S. 2-PIECE 6063-T6



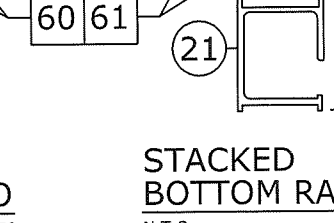
96 BOTTOM RAIL, O

N.T.S. 1-PIECE 6063-T6



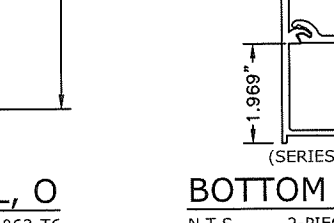
17 STACKED
BOTTOM RAIL, SX/SO

N.T.S. 6063-T6



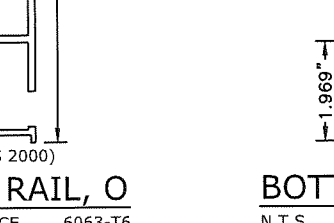
22 STACKED
BOTTOM RAIL, SX/SO

N.T.S. 6063-T6



24 BOTTOM RAIL, SX/SO

N.T.S. 1-PIECE 6063-T6



25 BOTTOM RAIL, SX/SO

N.T.S. 2-PIECE 6063-T6

FRANK BENNARDO, P.E.
PE# 0046549 CA. 9885

ENGINEERING
EXPRESS
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032



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

REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

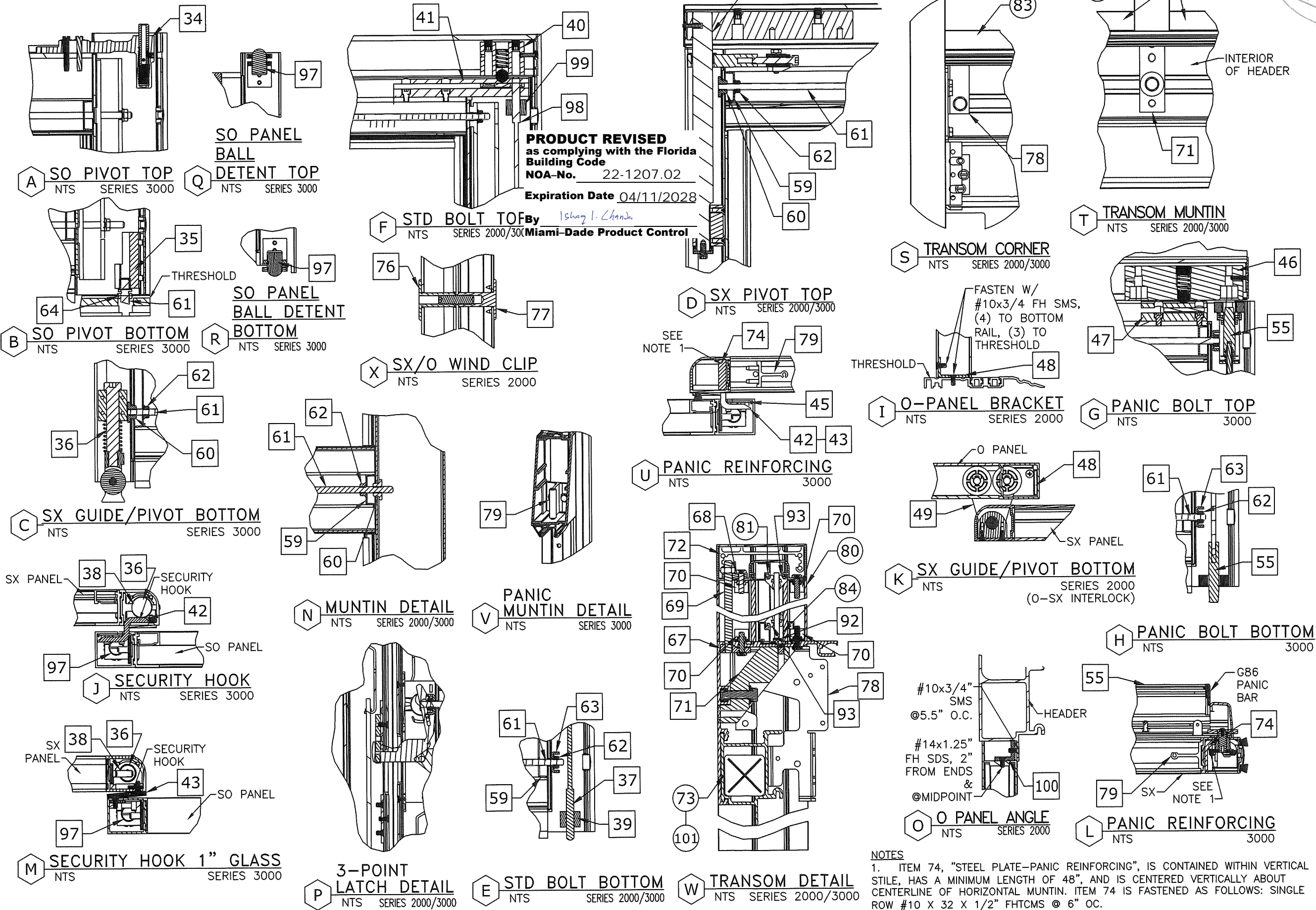
COPYRIGHT ENGINEERING EXPRESS®

20-33204

SCALE: NTS UNLESS NOTED

OF 19

DURA-STORM SERIES 2000/3000 DETAILS



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By *Ismael L. 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.

FRANK BENNARD, P.E.
PE# 0046549, CA. 9885

STATE OF
FLORIDA
PROFESSIONAL ENGINEER
EXPRESS
EB 10-2023

**ENGINEERING
EXPRESS®**

POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGIION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032



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

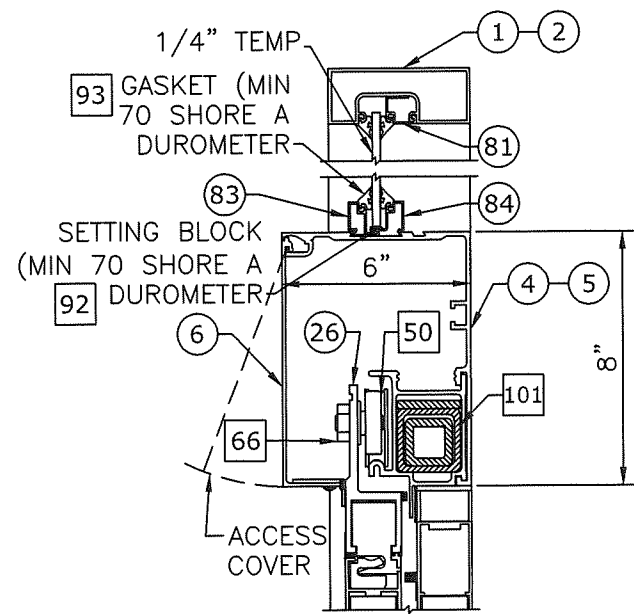
REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

COPYRIGHT ENGINEERING EXPRESS®

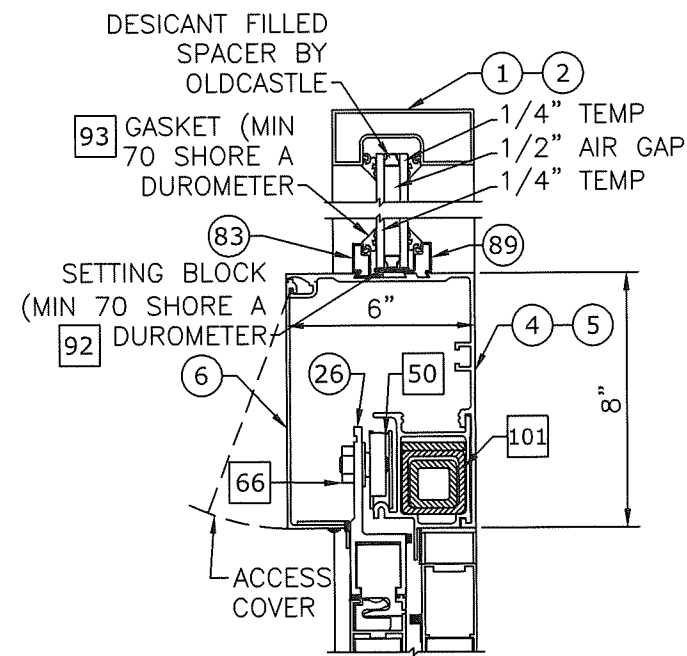
20-33204

SCALE: NTS UNLESS NOTED

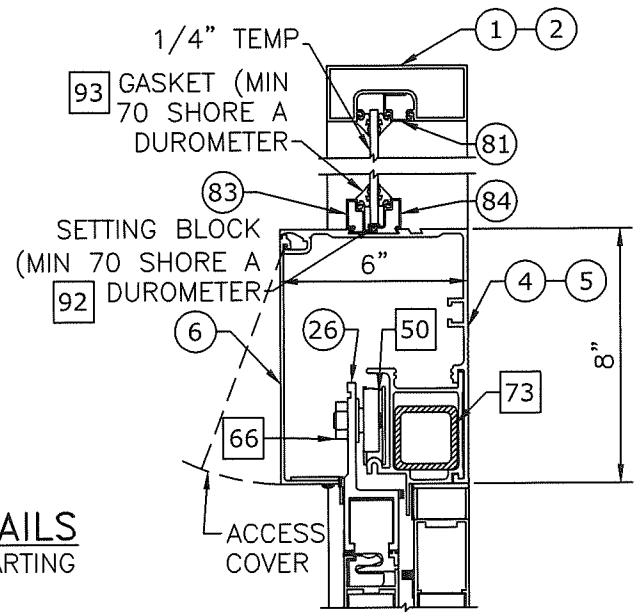
DURA-STORM SERIES 2000/3000 TRANSOM GLAZING DETAILS



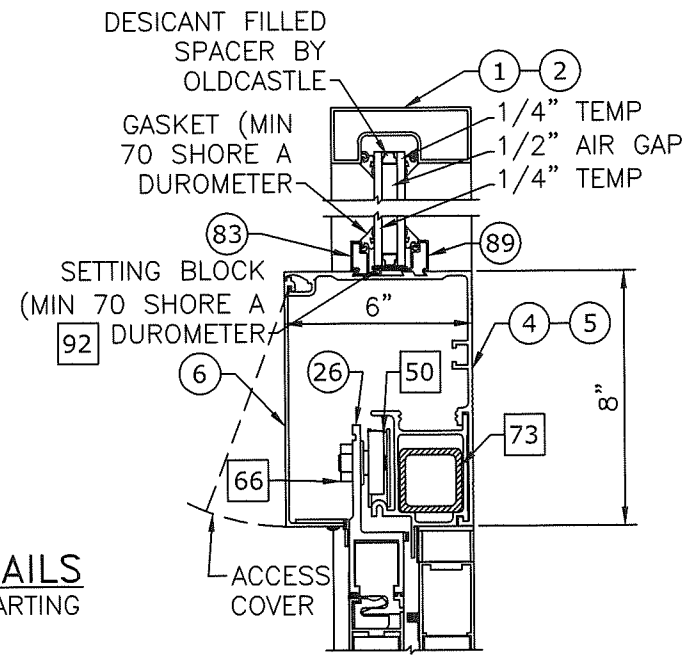
NON-IMPACT TRANSOM GLAZING DETAILS
NTS 1/4" TEMPERED V SECTION BI-PARTING



NON-IMPACT TRANSOM GLAZING DETAILS
NTS 1" INSULATED V SECTION BI-PARTING

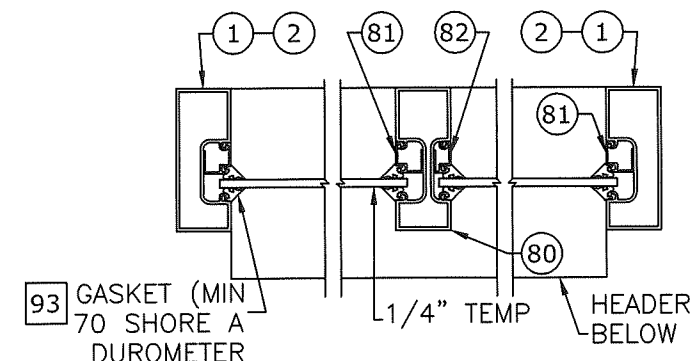


NON-IMPACT TRANSOM GLAZING DETAILS
NTS 1/4" TEMPERED V SECTION SINGLE SLIDE

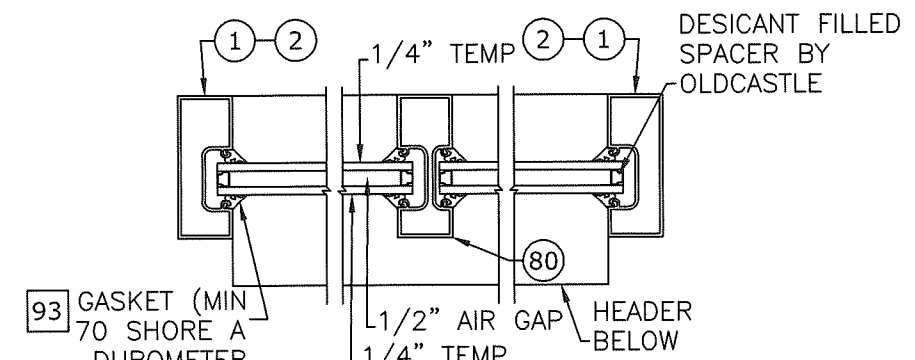


NON-IMPACT TRANSOM GLAZING DETAILS
NTS 1" INSULATED V SECTION SINGLE SLIDE

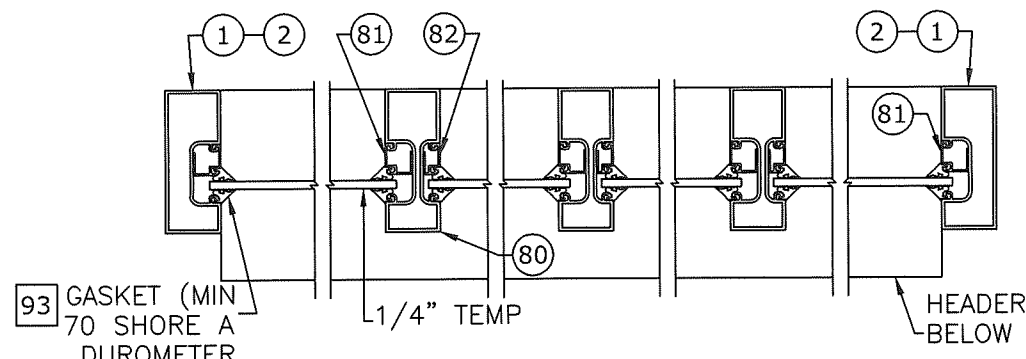
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By Ishag I. Chahin
Miami-Dade Product Control



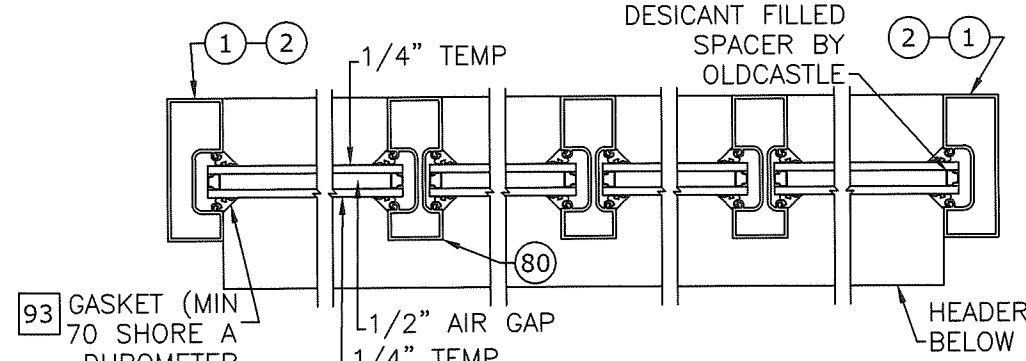
NON-IMPACT TRANSOM GLAZING DETAILS
NTS 1/4" TEMPERED H SECTION SINGLE SLIDE



NON-IMPACT TRANSOM GLAZING DETAILS
NTS 1" INSULATED H SECTION SINGLE SLIDE



NON-IMPACT TRANSOM GLAZING DETAILS
NTS 1/4" TEMPERED H SECTION BI-PARTING



NON-IMPACT TRANSOM GLAZING DETAILS
NTS 1" INSULATED H SECTION BI-PARTING

NOTES
1. SEE SHEET 18 FOR DOOR PANEL GLAZING DETAILS.

FRANK BENNARD, P.E.
PE# 0046549 CA. 9885

DATE OF
FEB 10 2023

ENGINEERING EXPRESS

POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

ALLEGION

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

DATE	DRWN	CHKD	DATE
08/23/17	JMP	FLB	08/23/17
11/17/20	JEW	AJP	11/17/20

REMARKS
REV. FBC 6TH EDITION
REV. FBC 7TH EDITION

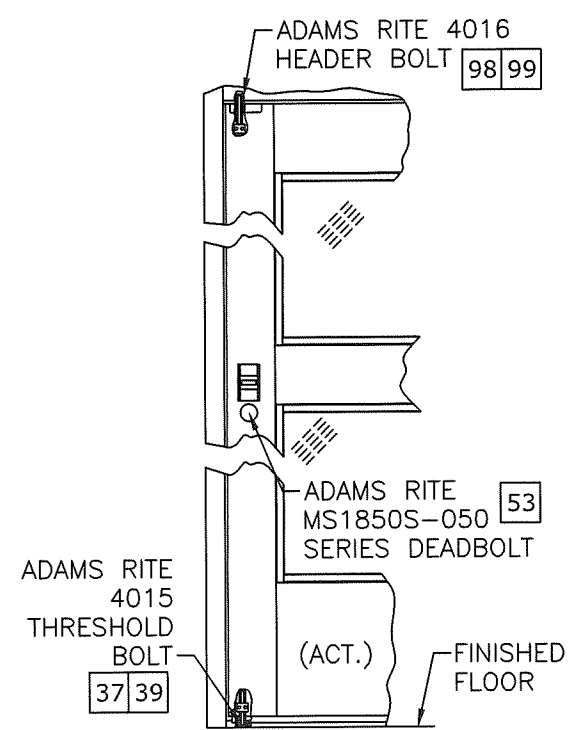
COPYRIGHT ENGINEERING EXPRESS®

20-33204

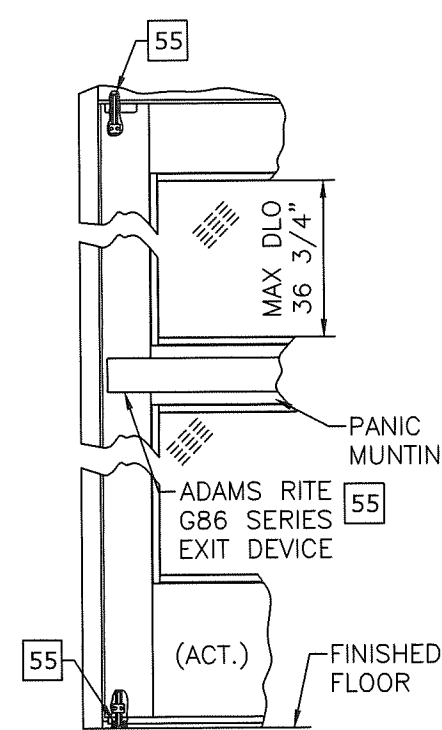
SCALE: NTS UNLESS NOTED

16

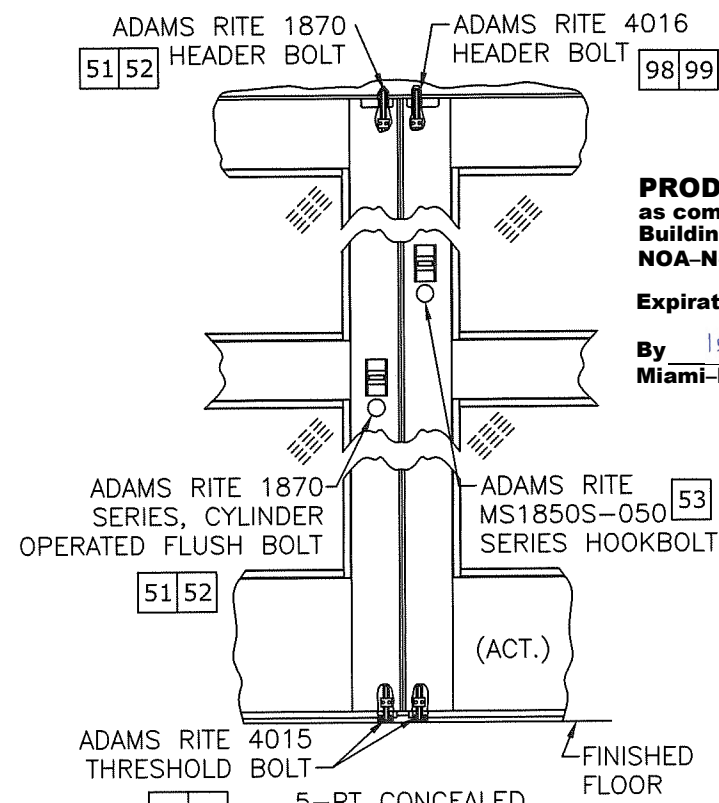
DURA-STORM SERIES 2000/3000 LOCKING ARRANGEMENTS



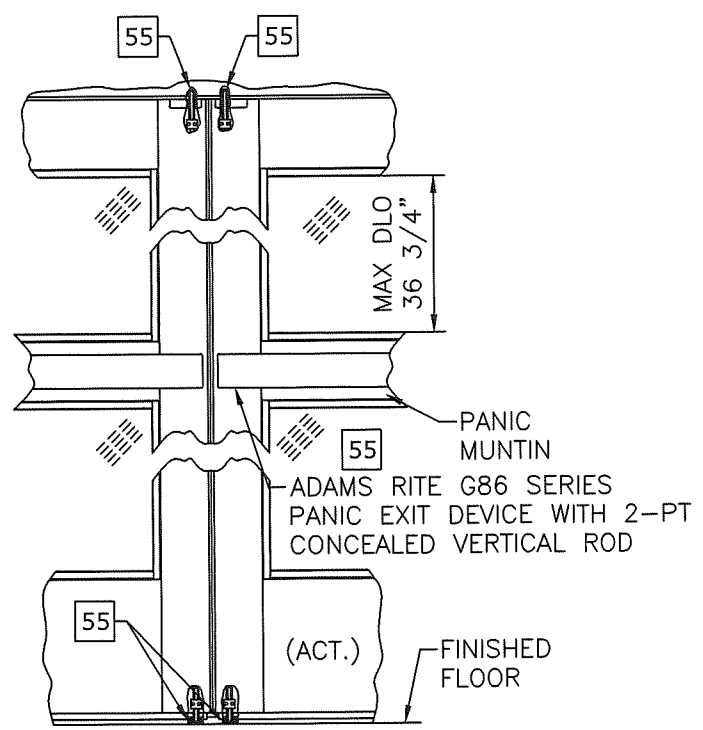
3-PT CONCEALED LOCKING SYSTEM
SERIES 2000/3000
SINGLE SLIDE



2-PT CONCEALED VERTICAL ROD WITH PANIC RELEASE LOCKING SYSTEM
SERIES 3000
SINGLE SLIDE

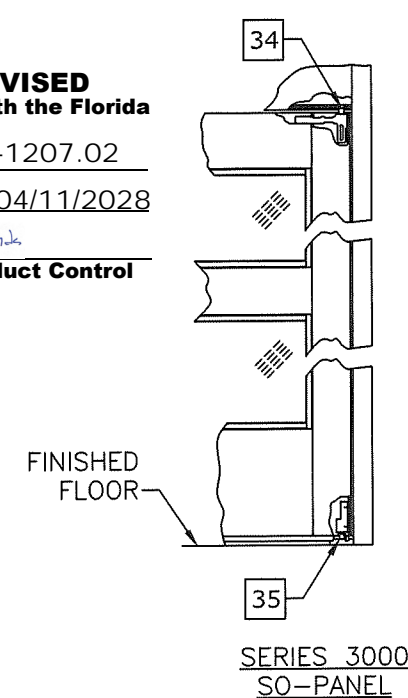


5-PT CONCEALED LOCKING SYSTEM
SERIES 2000/3000
BI-PARTING

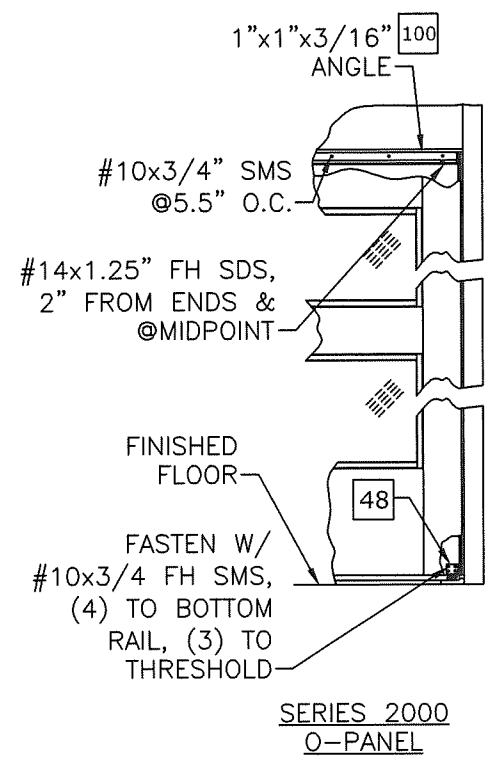


4-PT CONCEALED VERTICAL ROD WITH PANIC RELEASE LOCKING SYSTEM
SERIES 3000
BI-PARTING

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By Isheq I. Chande
Miami-Dade Product Control



SERIES 3000
SO-PANEL



SERIES 2000
O-PANEL

FRANK BENNARDI, P.E.
PE# 0046549 CA. 9885

FEB 10 2023

ENGINEERING EXPRESS
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

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

REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

COPYRIGHT ENGINEERING EXPRESS®

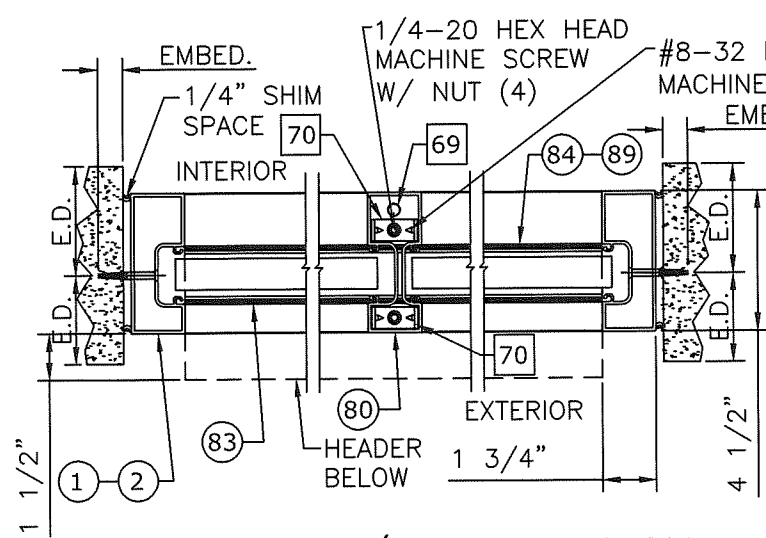
20-33204

SCALE: NTS UNLESS NOTED

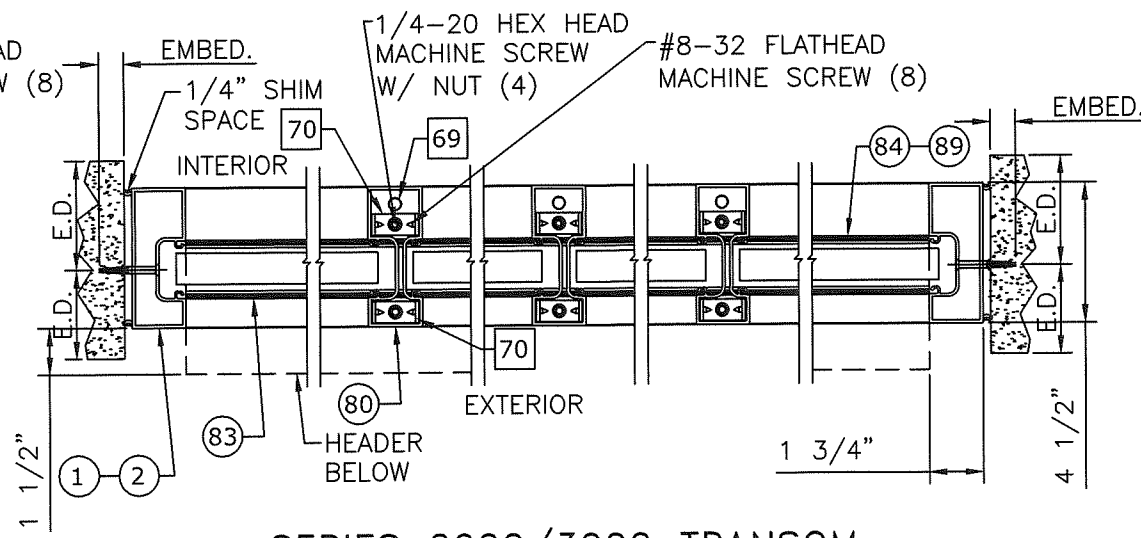
17

OF 19

DURA-STORM SERIES 2000/3000 HORIZONTAL SECTION AND ANCHORING, TRANSOMS



13 SERIES 2000/3000 TRANSOM
2\"=1'-0\" SINGLE SLIDE



14 SERIES 2000/3000 TRANSOM
2\"=1'-0\" BI-PARTING

- 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

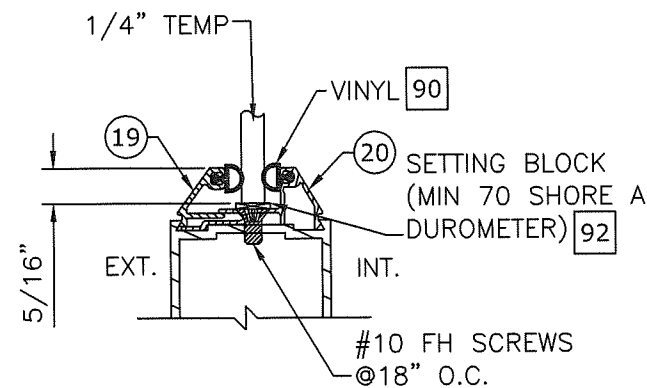
SEE HEAD ANCHORS SHEET 7,
AND THRESHOLD ANCHORS
SHEET 12. THRESHOLD
ANCHORS APPLICABLE ONLY
TO 3KSI CONCRETE.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02

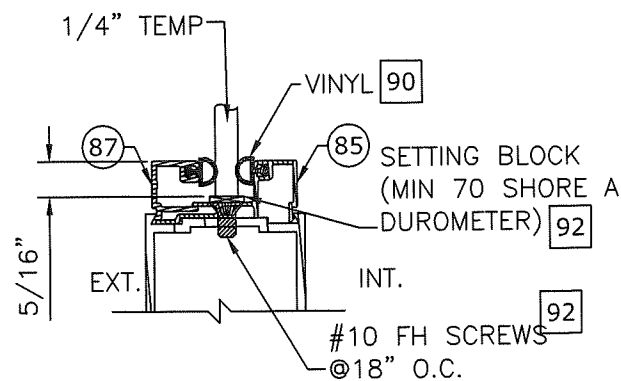
Expiration Date 04/11/2028

By Ishag I. Chahin
Miami-Dade Product Control

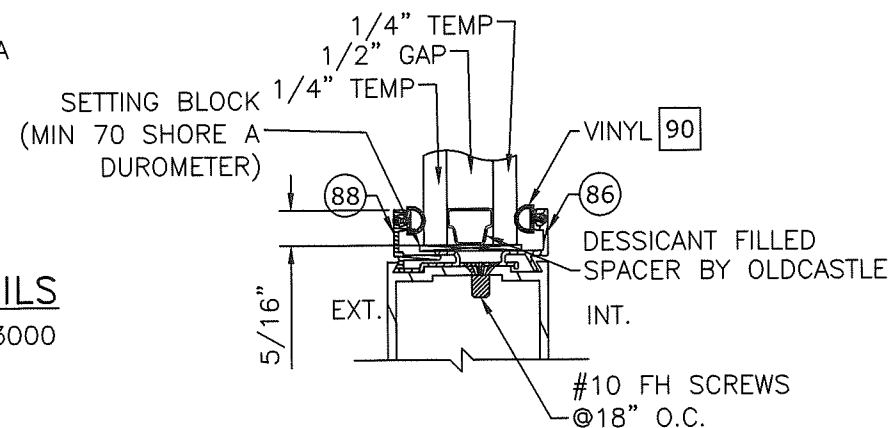
DURA-STORM SERIES 2000/3000 DOOR PANEL GLAZING DETAILS



NON-IMPACT DOOR PANEL GLAZING DETAILS
NTS SERIES 2000/3000



NON-IMPACT DOOR PANEL GLAZING DETAILS
NTS SERIES 2000/3000



NON-IMPACT DOOR PANEL GLAZING DETAILS
NTS SERIES 2000/3000

NOTES
1. SEE SHEET 16 FOR TRANSOM GLAZING DETAILS.

FRANK BENNARDO, P.E.
PE# 0046549 CA. 9885

ENGINEERING
EXPRESS

POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032



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

REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

COPYRIGHT ENGINEERING EXPRESS®

20-33204

SCALE: NTS UNLESS NOTED

18

19

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 - O, SO
8	Extrusion - Top Rail - O, SO
9	Extrusion - Top Rail - SX
10	Extrusion - Top Rail - SX
11	Extrusion - Stile - Fixed
12	Extrusion - Stile - Lead
13	Extrusion - Stile - Pivot
14	Extrusion - Stile - Pivot
15	Extrusion - Stile - Lead
16	Extrusion - Stile - Lock
17	Extrusion - Muntin Bar/Stacked Bottom Rail Part - 2"
18	Extrusion - Muntin Bar - 4 1/4"
19	Extrusion - Panel Glass Stop - 1/4" - Horizontal
20	Extrusion - Panel Glass Gutter - 1/4" - Horizontal
21	Extrusion - Bottom Rail O - 4"
22	Extrusion - Bottom Rail SO/SX4"
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- 2000/3000
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 - Security Hook - 1" Glass
45	Component - Backing Plate - Security Hook
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 - Lock - Cylinder - Adams Rite 1870 (2-PT Lock) or Adams Rite MS1850S-050 (3-PT Lock)
52	Component - Lock - Thumb Turn - Adams Rite 1870 (2-PT Lock) or Adams Rite MS1850S-050 (3-PT Lock)

NON-CALL OUT PART # 44 IS NOT PART OF BOM

BILL OF MATERIALS	
REFERENCE	DESCRIPTION
53	Component - 8 Ply Multipoint 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
67	Hardware - Tie Rod - Nut Plate
68	Hardware - Tie Rod - Top Clip
69	Hardware - Tie Rod - 3/8-16
70	Hardware - Transom Clip - Steel
71	Hardware - Stiffener - Steel - A500
72	Hardware - Transom Clip - Aluminum
73	Tube - Transom Stiffener - Single Slide - Steel (w/ Optional Transom)
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"
78	Component - Header End Plate
79	Component - Muntin Clip (with Panic)
80	Extrusion - Transom - Vertical Muntin
81	Extrusion - Transom - Frame Stop - 1/4"
82	Extrusion - Transom - Vertical Muntin Stop - 1/4"
83	Extrusion - Transom - Header Stop
84	Extrusion - Transom - Header Gutter - 1/4"
85	Extrusion - Panel Glass Gutter - 1/4" - Vertical
86	Extrusion - Panel Glass Gutter - 1"
87	Extrusion - Panel Glass Stop - 1/4" - Vertical
88	Extrusion - Panel Glass Stop - 1"
89	Extrusion - Transom - Header Gutter - 1"
90	Glazing - Vinyl Bulb - 0.200"
91	Glazing - Vinyl Bulb - 0.262"
92	Glazing - Setting Block -
93	Glazing - Gasket - Transom
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
101	Nested Tube - Transom Stiffener - Bi-Parting - Steel (w/ Optional Transom)

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-1207.02
Expiration Date 04/11/2028
By Ishaq I. Chandra
Miami-Dade Product Control

FRANK BENNARDO, P.E.
PE# 0046549 CA. 9885

EXENGINEERING
EXPRESS

POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 BOX 219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

ALLEGION ACCESS
TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032



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

REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

COPYRIGHT ENGINEERING EXPRESS®

20-33204

SCALE: NTS UNLESS NOTED