



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
 BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

Stanley 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 07/01/12 and last revised on 11/24/2020, 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 ¼” 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.

**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.



*Ishag I. Chank*

**Stanley Access Technologies, LLC**

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises **NOA # 18-0221.09** and consists of page 1, this page 2 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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

*Ishaq I. Chanda*



**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 letters 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 (5<sup>th</sup> 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(5<sup>th</sup> 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*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-1216.25**  
**Expiration Date: April 11, 2023**  
**Approval Date: February 04, 2021**

**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 6<sup>th</sup> 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 6<sup>th</sup> 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.

**3. EVIDENCE SUBMITTED submitted under previous NOA**

**A. DRAWINGS**

1. None.

**B. TESTS**

1. None.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-1216.25**  
**Expiration Date: April 11, 2023**  
**Approval Date: February 04, 2021**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**3. EVIDENCE SUBMITTED (continue)**

**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. 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 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 (7<sup>th</sup> Edition), prepared by Engineering Express, dated 11/25/20, 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 #**18-0221.09**, expiring 04/11/23.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-1216.25**  
**Expiration Date: April 11, 2023**  
**Approval Date: February 04, 2021**

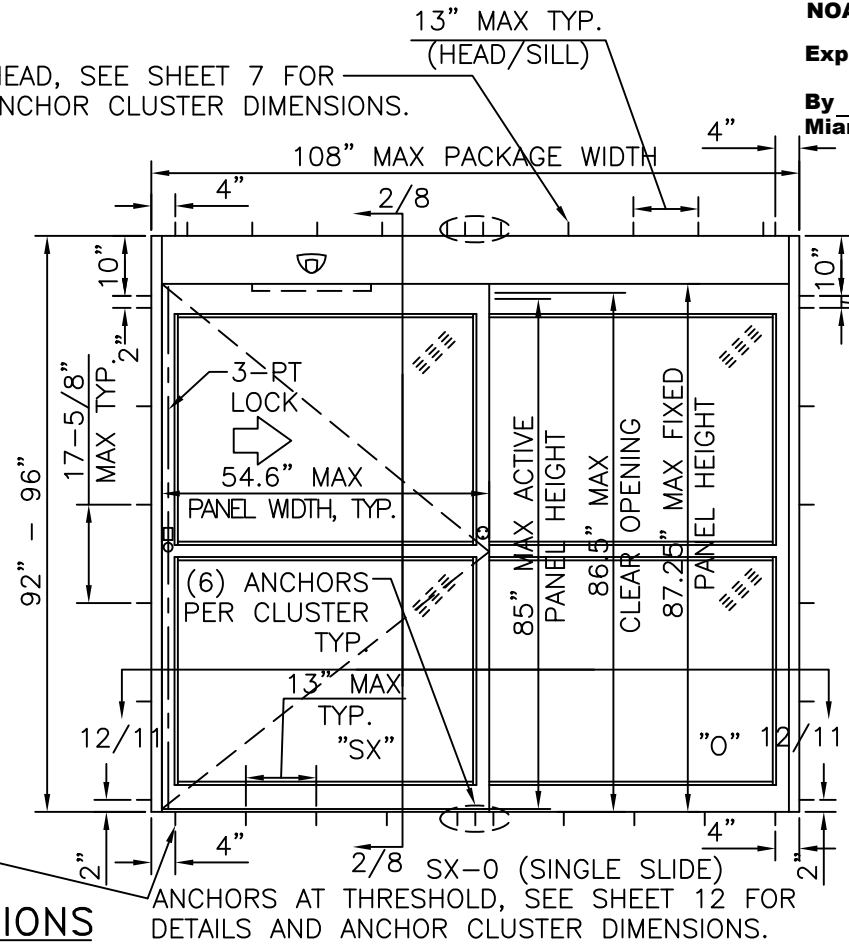
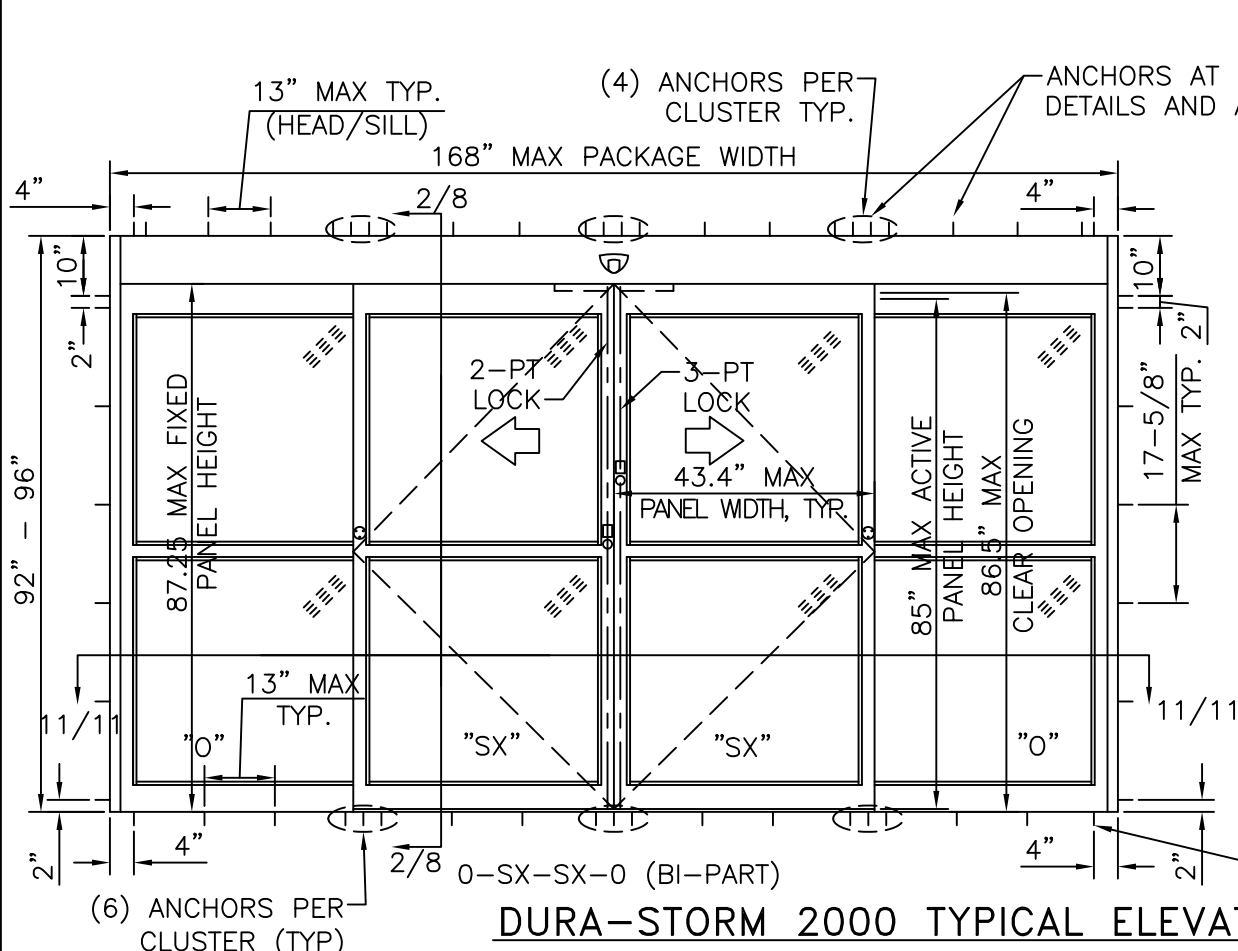
# DURA-STORM SERIES 2000/3000, TYPICAL ELEVATIONS

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 20-1216.25

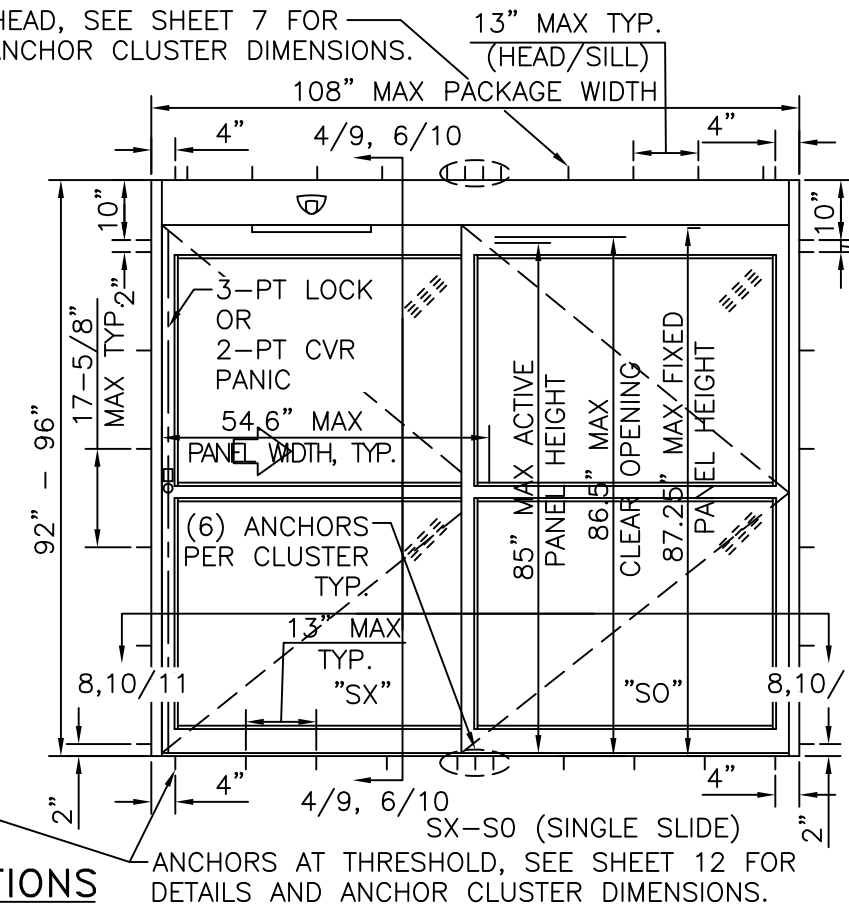
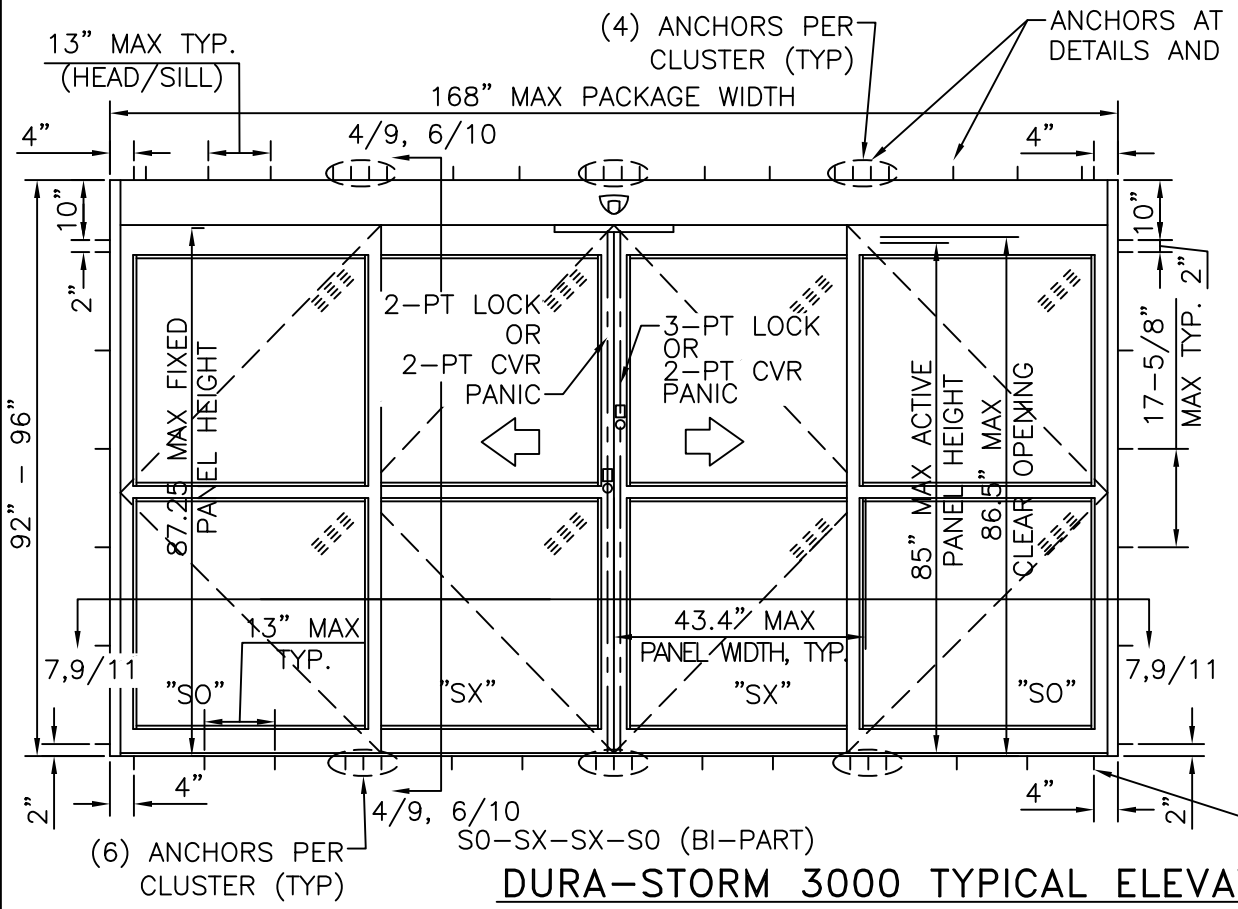
Expiration Date 04/11/2023

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

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



**DURA-STORM 2000 TYPICAL ELEVATIONS**



**DURA-STORM 3000 TYPICAL ELEVATIONS**

**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.

**ENGINEERING EXPRESS**  
 CORPORATE OFFICE:  
 160 SW 12th AVE, SUITE 106  
 DEERFIELD BEACH, FL 33442  
 (954) 354-0660 | (866) 396-9999  
 TEAM@ENGINEERINGEXPRESS.COM  
 ENGINEERINGEXPRESS.COM

65 SCOTT SWAMP ROAD  
 FARMINGTON, CT 06032

**STANLEY Security**  
 ACCESS TECHNOLOGIES  
 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

20-33204  
 SCALE: NTS UNLESS NOTED  
 01 OF 19

VISIT [E.CALC.IO/33204](http://E.CALC.IO/33204) SCAN HERE:  
 FOR HELPFUL RESOURCES, SITE SPECIFIC JOB ORDERING & MORE INFORMATION ABOUT THIS PRODUCT & RELATED SERVICES

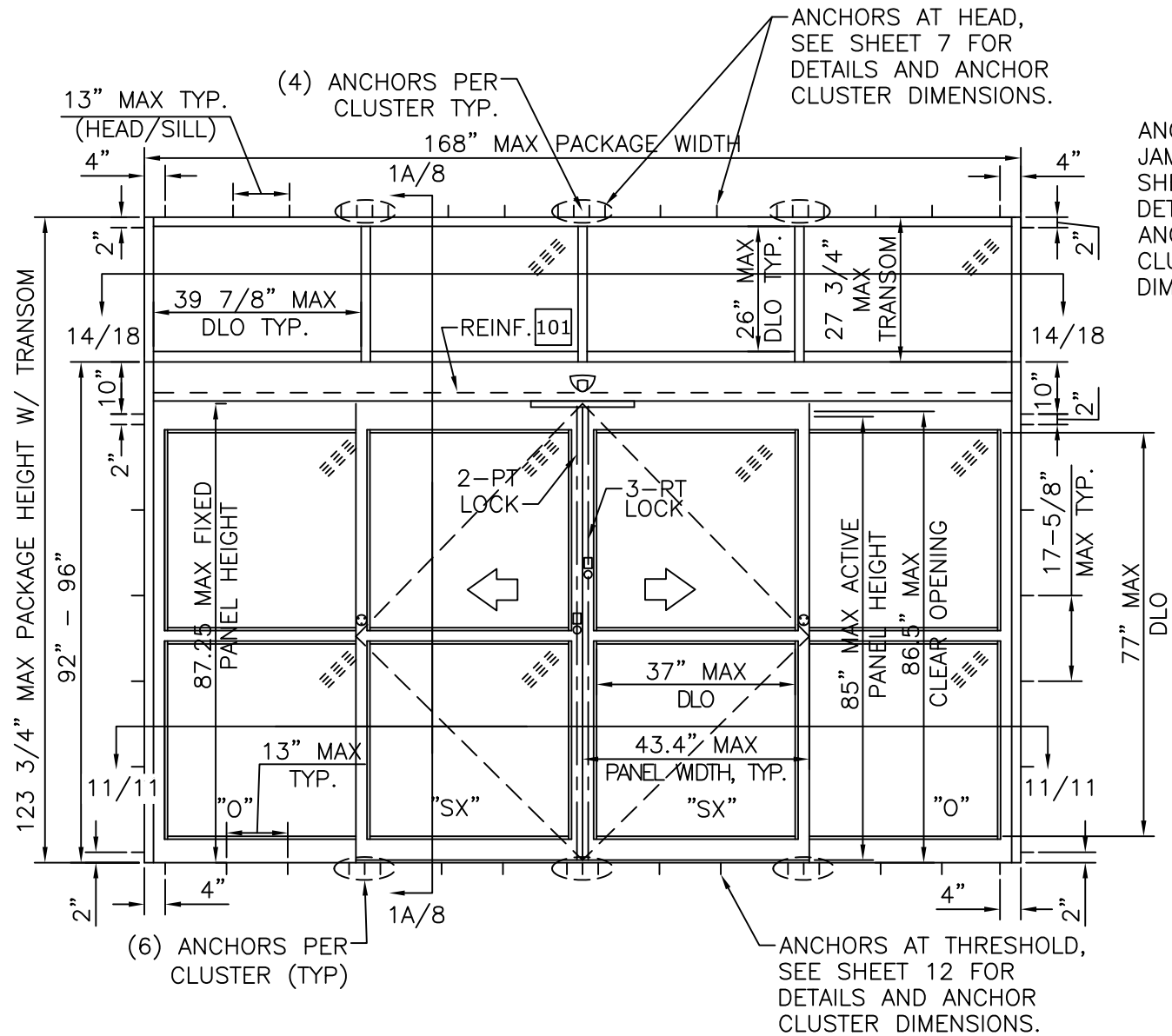
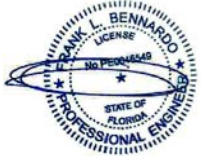
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# DURA-STORM SERIES 2000 W/ OPTIONAL TRANSOM, TYPICAL ELEVATIONS

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 20-1216.25  
 Expiration Date 04/11/2023

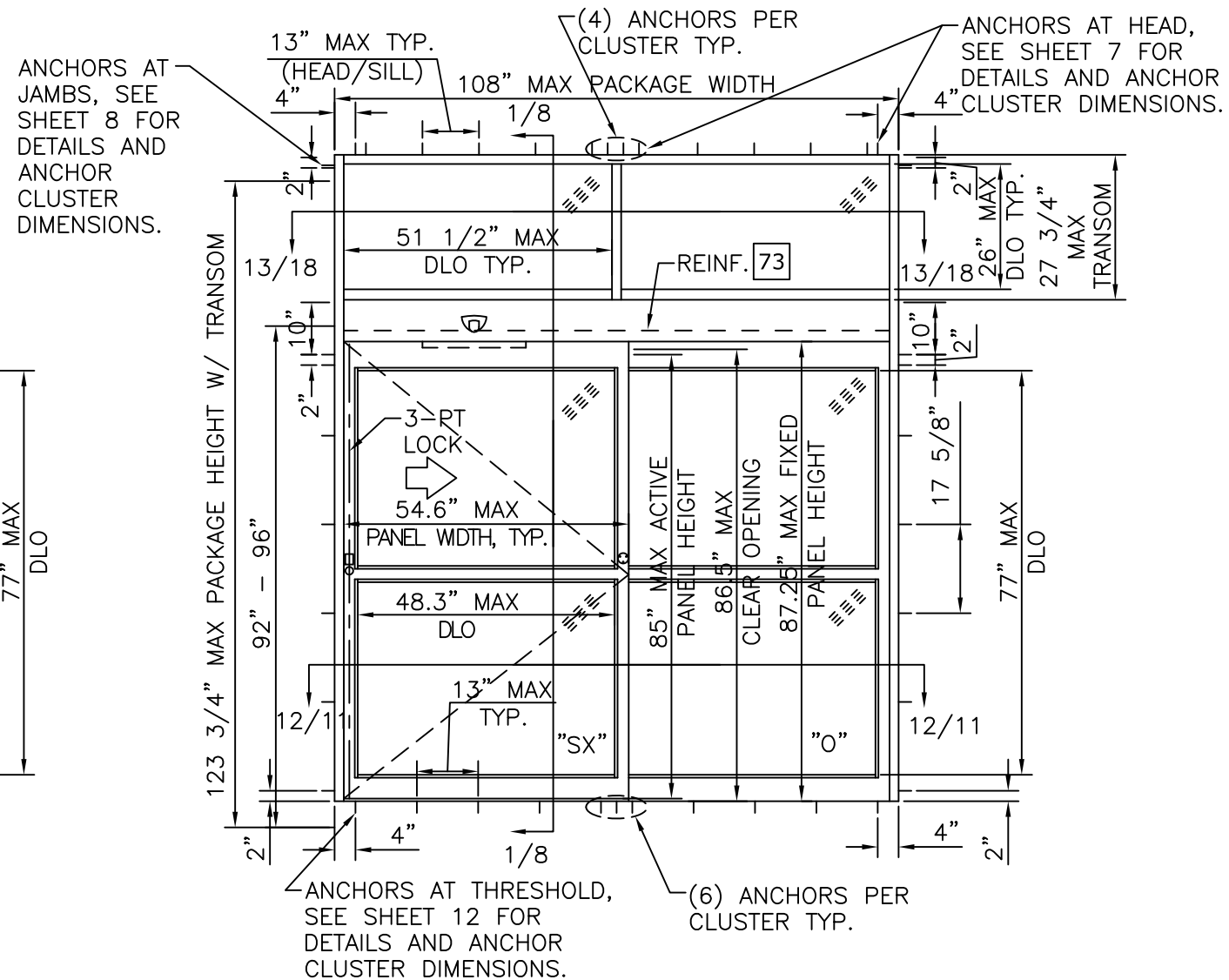
By Ishag I. Chanda  
 Miami-Dade Product Control

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



**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.
- 1.1. BI-PARTING PANEL: 37" W X 77" H; TRANSOMS: 39 7/8" W X 26" H.
- 1.2. 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.

**ENGINEERING EXPRESS®**  
 CORPORATE OFFICE:  
 160 SW 12th AVE, SUITE 106  
 DEERFIELD BEACH, FL 33442  
 (954) 354-0660 | (866) 396-9999  
 TEAM@ENGINEERINGEXPRESS.COM  
 ENGINEERINGEXPRESS.COM

65 SCOTT SWAMP ROAD  
 FARMINGTON, CT 06032



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

20-33204

SCALE: NTS UNLESS NOTED

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

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 20-1216.25  
 Expiration Date 04/11/2023  
 By Ishag I. Chanda  
 Miami-Dade Product Control



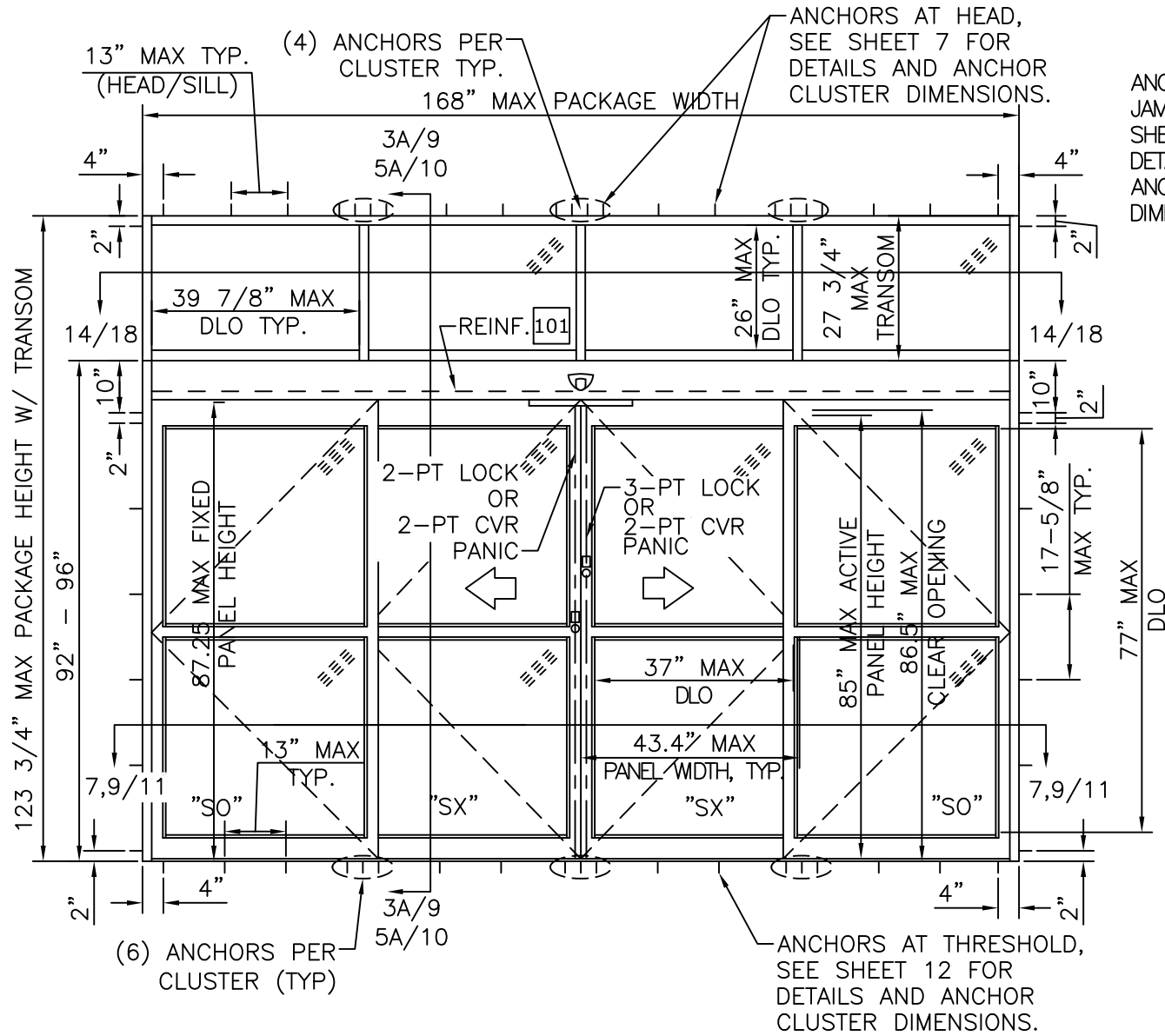
**ENGINEERING EXPRESS®**  
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 160 SW 12th AVE, SUITE 106  
 DEERFIELD BEACH, FL 33442  
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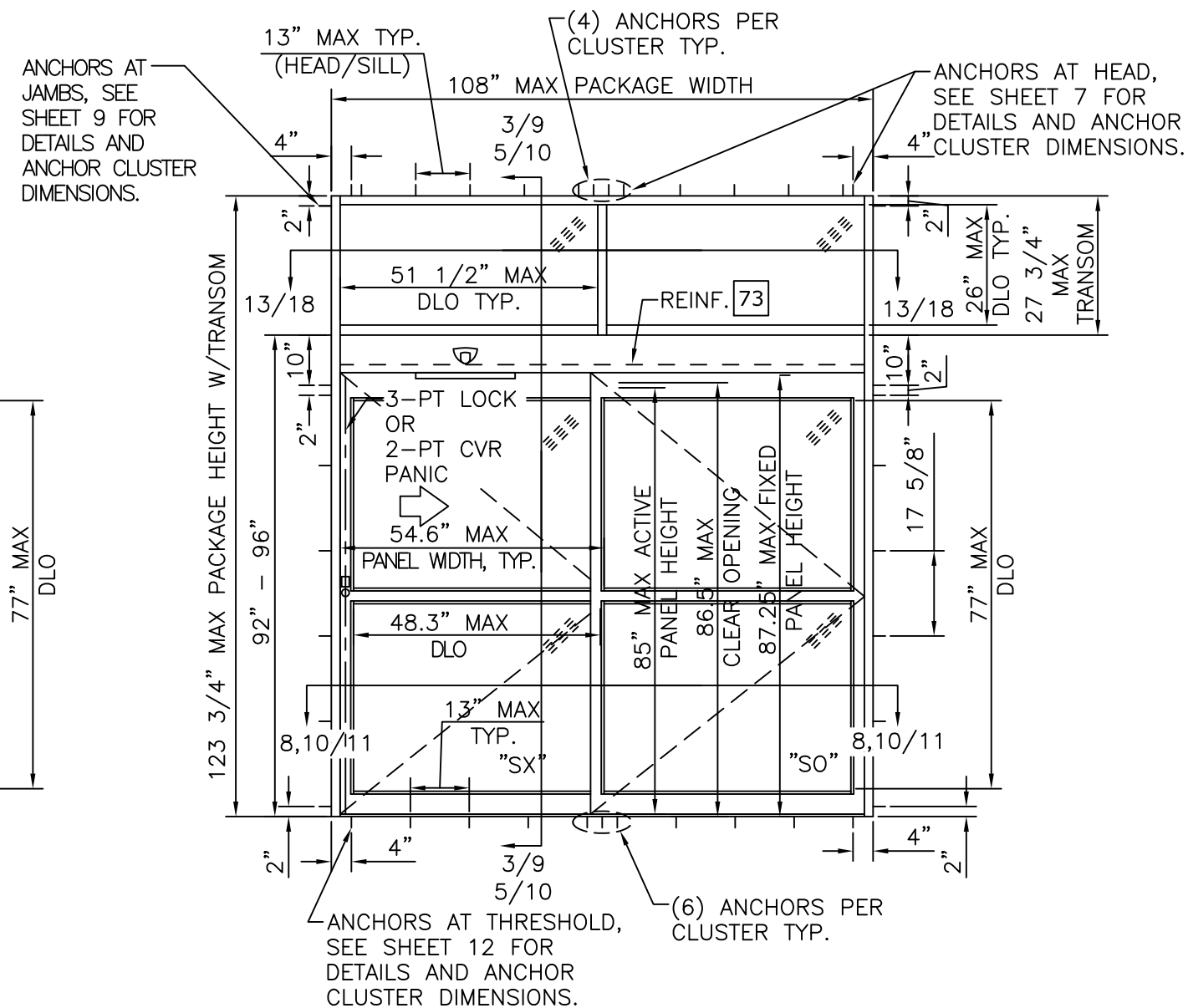
**STANLEY Security**  
 ACCESS TECHNOLOGIES  
 SERIES "DURA-STORM 2000/3000" AUTO SGD  
 BI-PARTING/SINGLE SLIDE (NI)  
 MIAMI-DADE NOTICE OF ACCEPTANCE

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

20-33204  
 SCALE: NTS UNLESS NOTED  
 03 OF 19



**DURA-STORM 3000 TYPICAL ELEVATIONS**  
 S0-SX-SX-S0 (BI-PART)



**DURA-STORM 3000 TYPICAL ELEVATIONS**  
 SX-S0 (SINGLE SLIDE)

- NOTES**
- MAX DLO AS SHOWN.
  - BI-PARTING PANEL: 37" W X 77" H, 36 3/4" H WITH PANIC MUNTIN; TRANSOMS: 39 7/8" W X 26" H.
  - 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.

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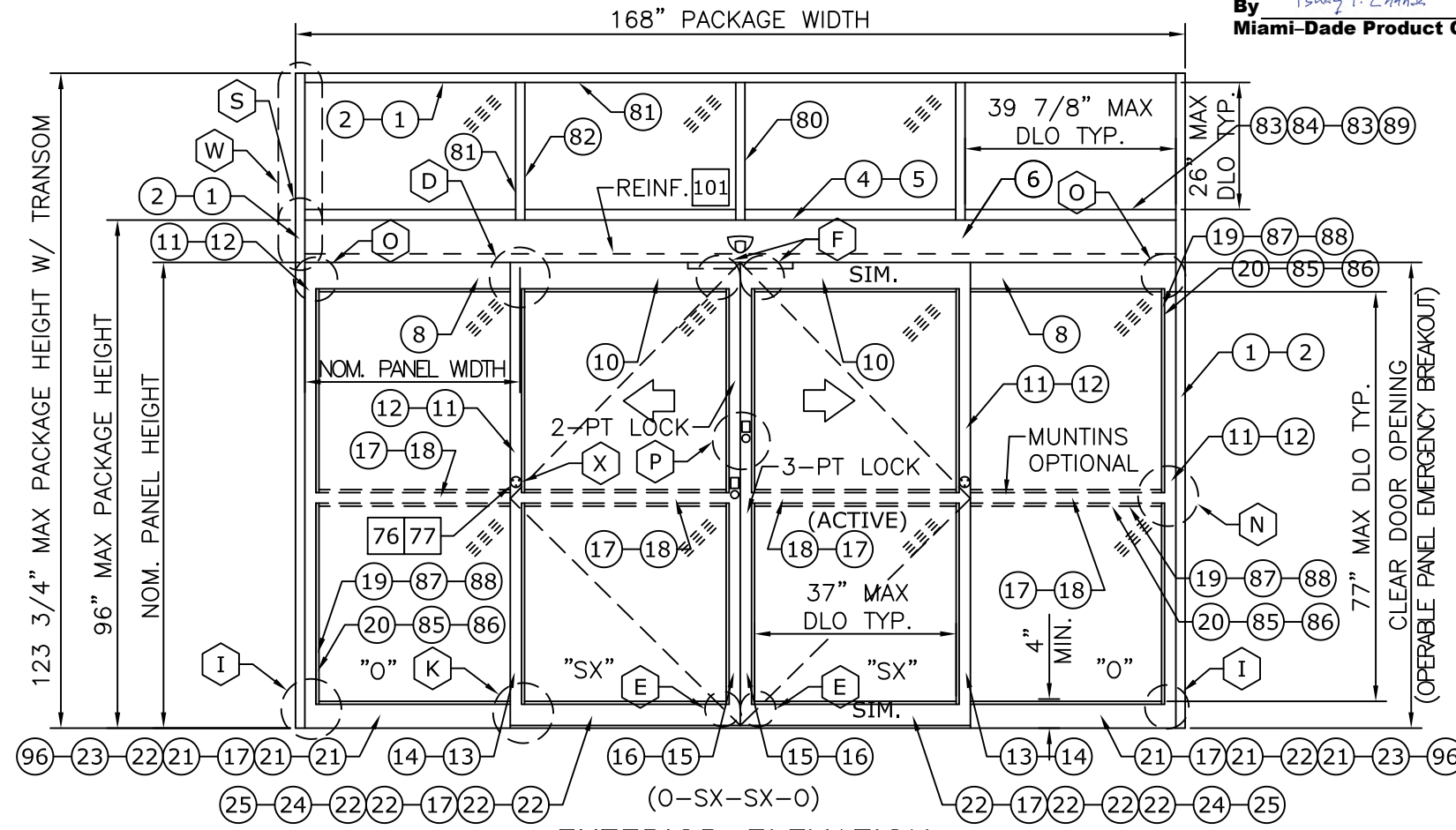
# DURA-STORM SERIES 2000 ELEVATION AND PLAN

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 20-1216.25  
 Expiration Date 04/11/2023  
 By *Ishag I. Chank*  
 Miami-Dade Product Control

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

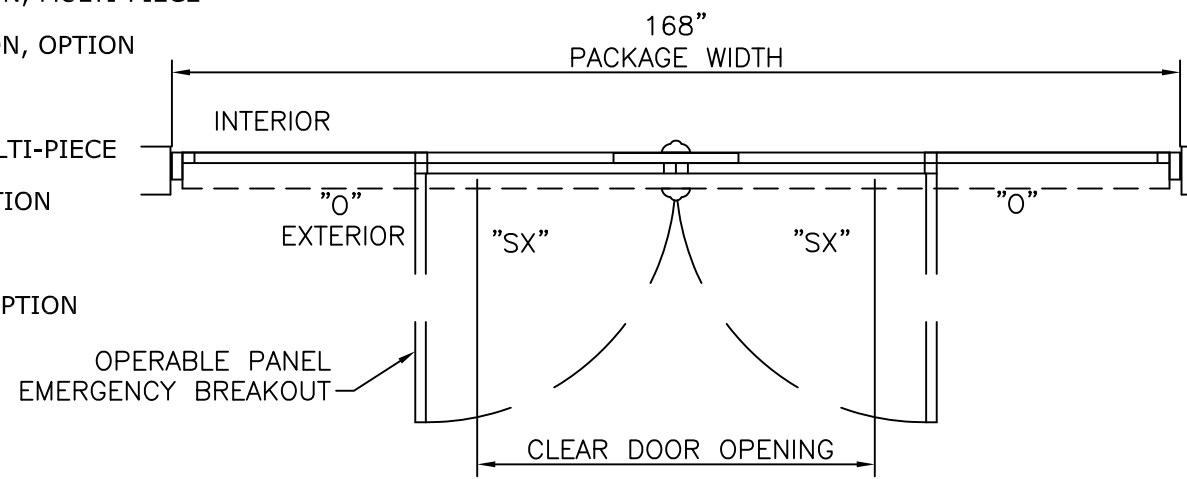
SERIES 2000 AVAILABLE PACKAGE WIDTH INFORMATION*						
PACKAGE WIDTH	ROUGH OPENING	STILE TYPE	NOMINAL CLEAR DOOR OPENING	NOMINAL PANEL WIDTH (SX)	NOMINAL PANEL WIDTH (O)	CAULKING ALLOWANCE
168.0"	168.5"	NARROW	70.6"	42.7"	42.7"	1/4" / SIDE
168.0"	168.5"	MEDIUM	66.3"	43.4"	43.4"	1/4" / SIDE

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



**EXTERIOR ELEVATION**

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



**PLAN**

**NOTES**

- TYPICAL DOOR SHOWN. STILE, RAIL AND MUNTIN OPTIONS AVAILABLE AS INDICATED.
- HORIZONTAL MUNTIN BAR NOT REQUIRED AS INDICATED BY DASHED LINES. MAX DLO: 37" W X 77" H AS SHOWN
- 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.



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 FARMINGTON, CT 06032



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

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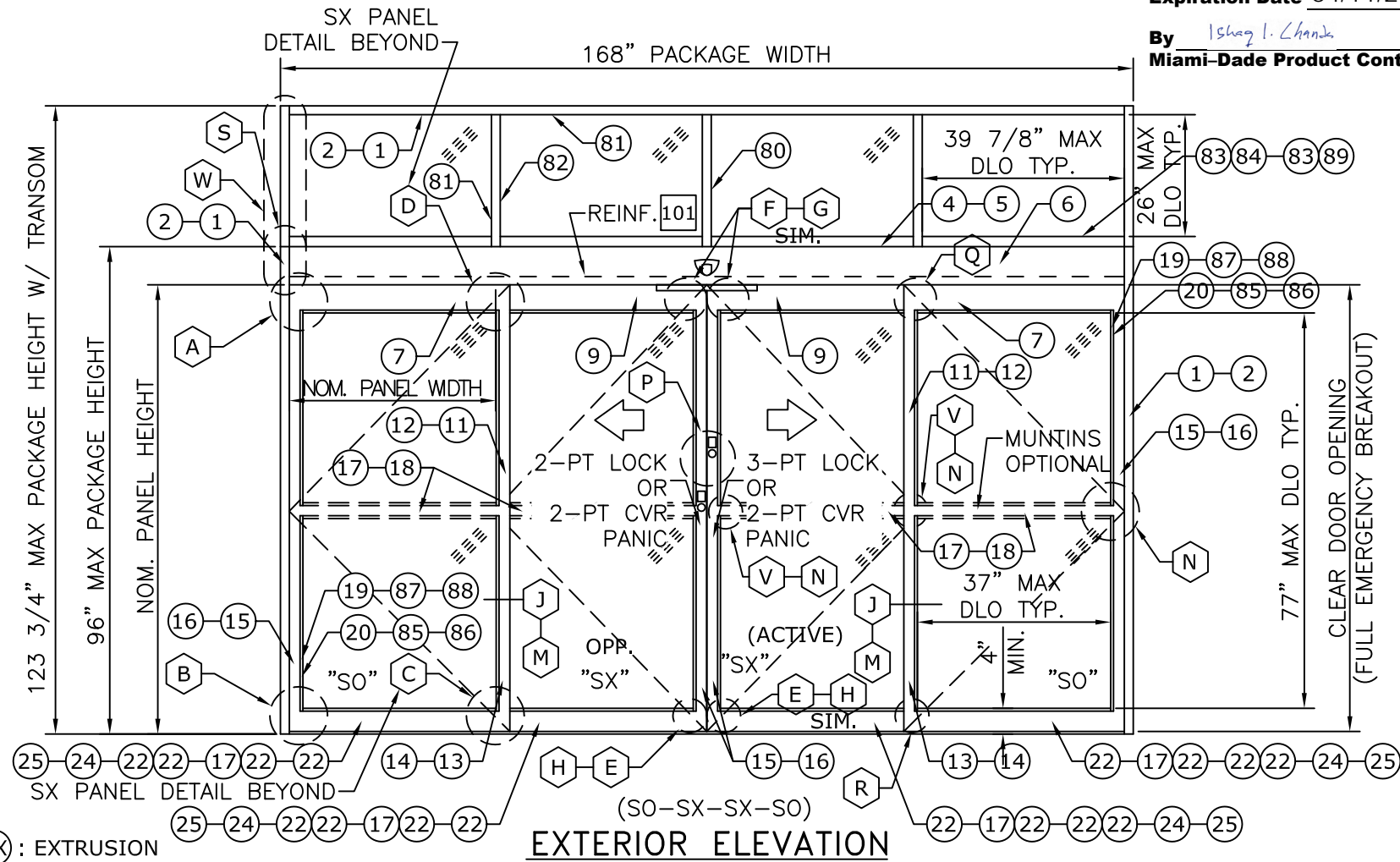
20-33204

SCALE: NTS UNLESS NOTED

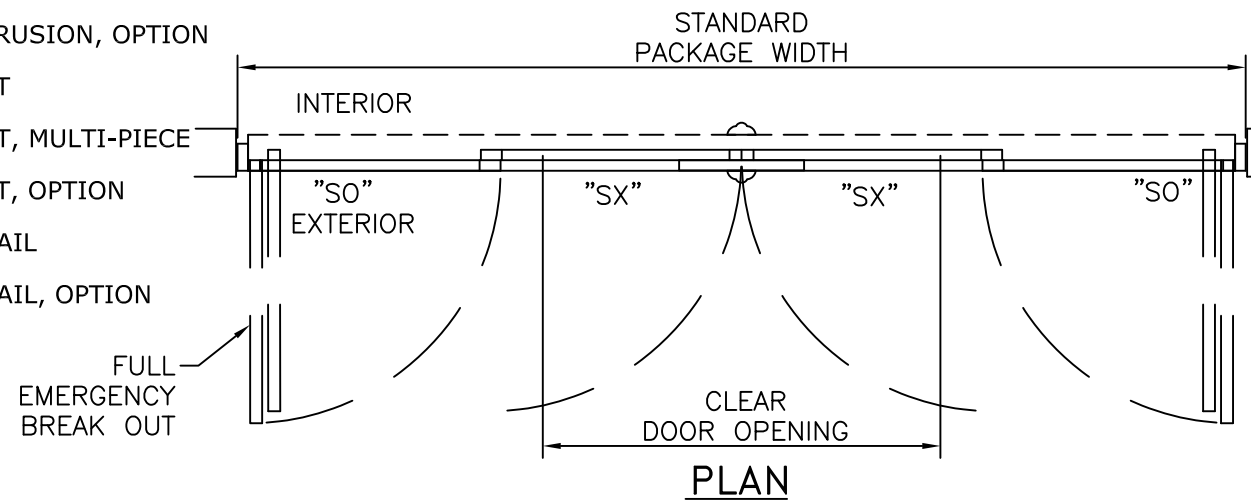
04 OF 19

# DURA-STORM SERIES 3000 ELEVATION AND PLAN

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
**NOA-No.** 20-1216.25  
**Expiration Date** 04/11/2023  
 By *Ishay I. Lhande*  
**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



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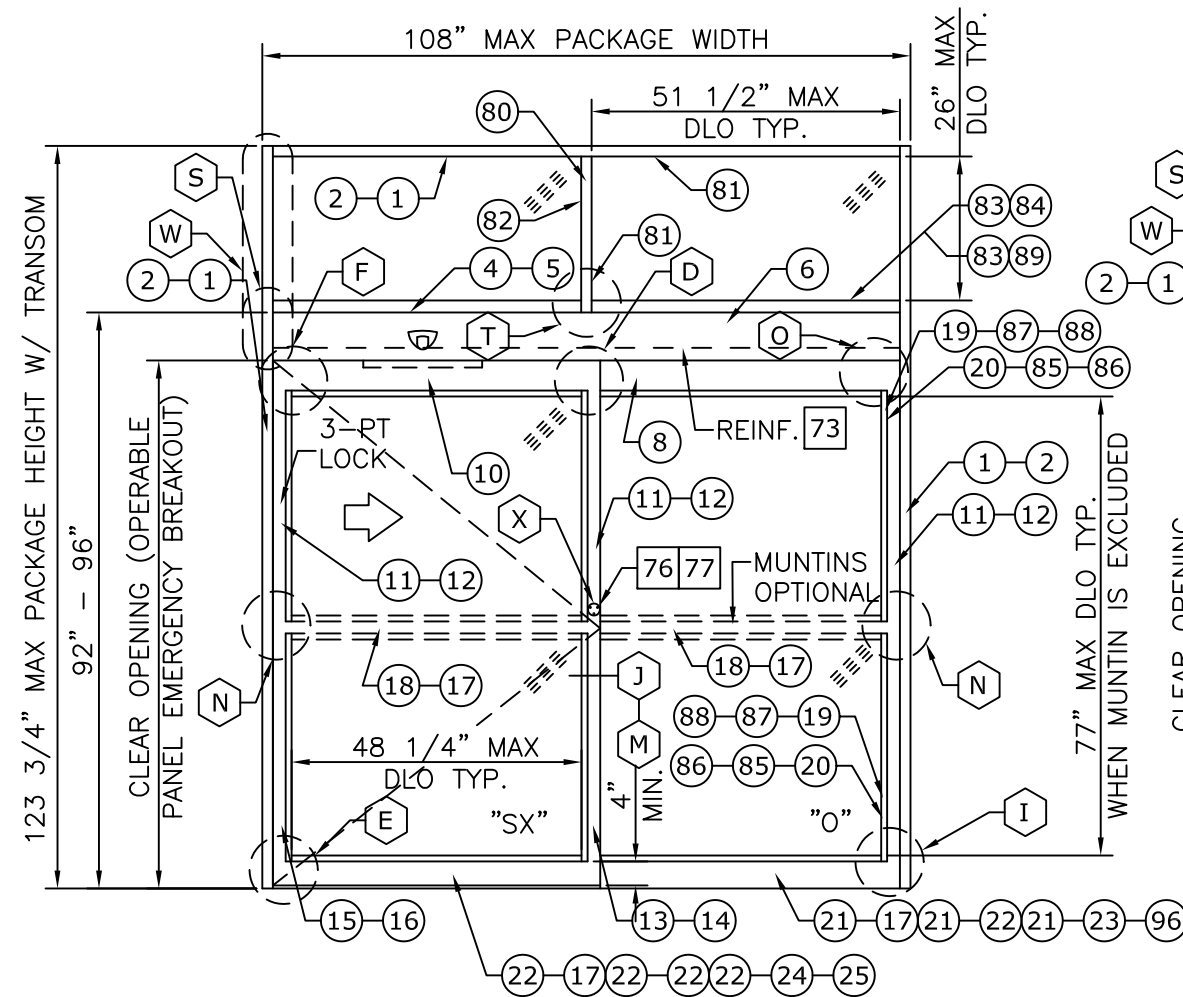
**STANLEY Security**  
 ACCESS TECHNOLOGIES

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

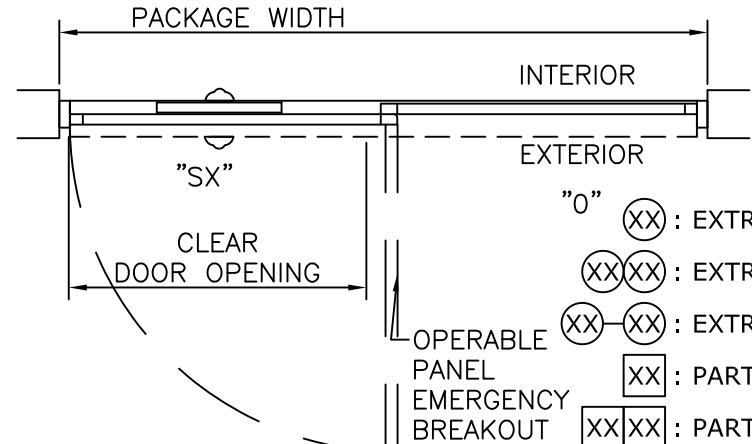
**20-33204**  
 SCALE: NTS UNLESS NOTED  
 05 of 19

- 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

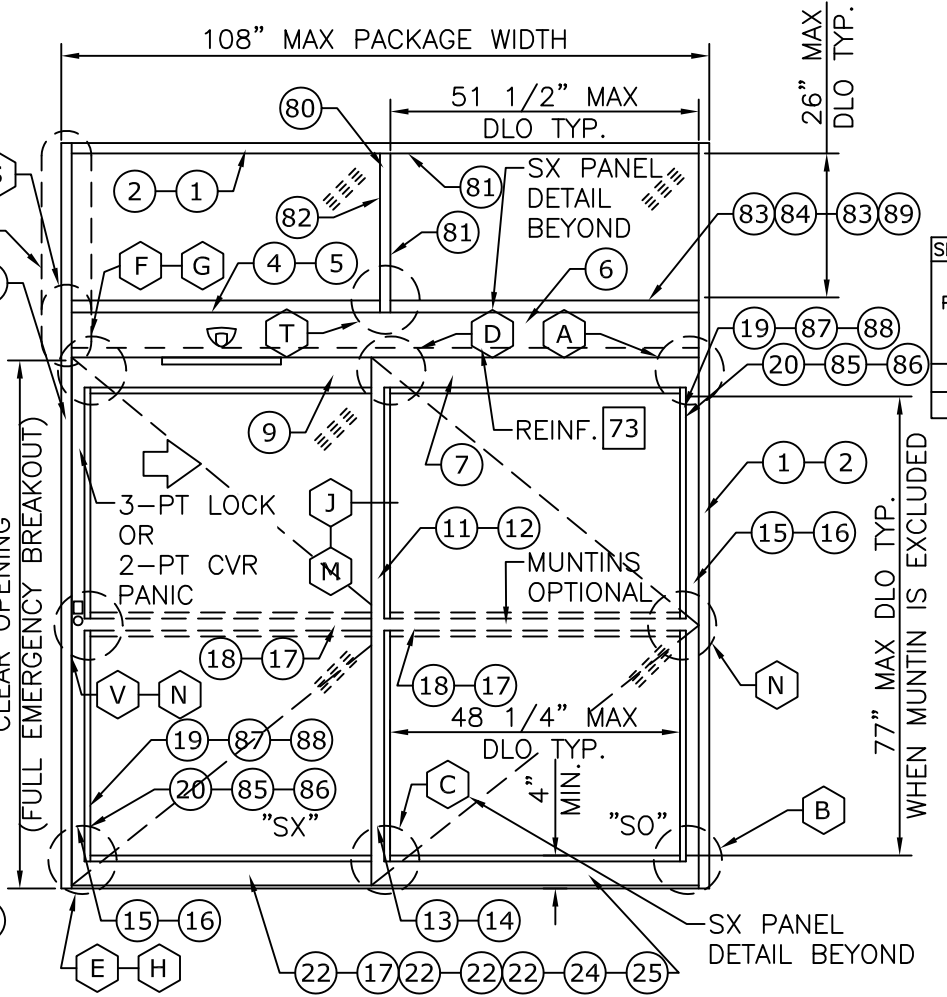


SERIES 2000 (SX-O) SINGLE SLIDE W/ TRANSCOM  
**EXTERIOR ELEVATION**

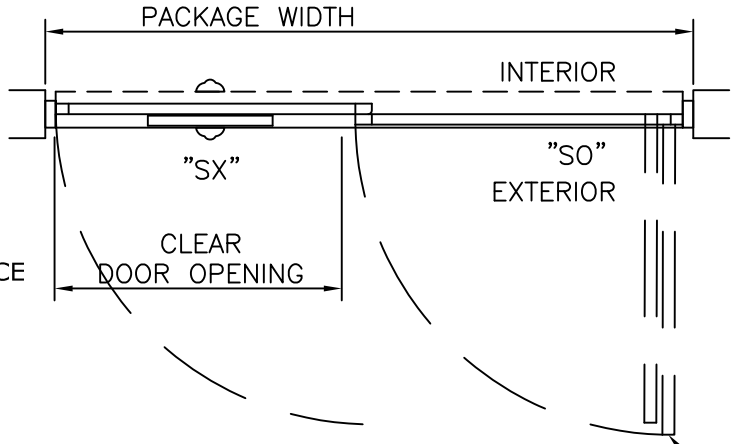


SERIES 2000 (SX-O) SINGLE SLIDE  
**PLAN**

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



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



SERIES 3000 (SX-SO) SINGLE SLIDE  
**PLAN**

FULL EMERGENCY BREAK OUT

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. 20-1216.25

Expiration Date 04/11/2023

By Ishay I. Chank  
Miami-Dade Product Control



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

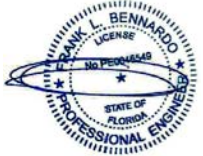
REMARKS	DRWN	CHKD	DATE
REV. FBC 6TH EDITION	JMP	FLB	08/23/17
REV. FBC 7TH EDITION	JEM	AJP	11/17/20

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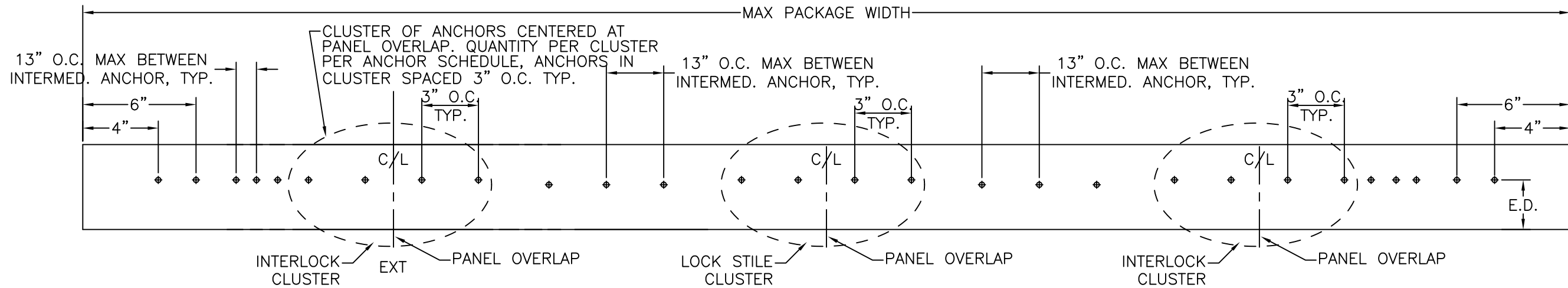
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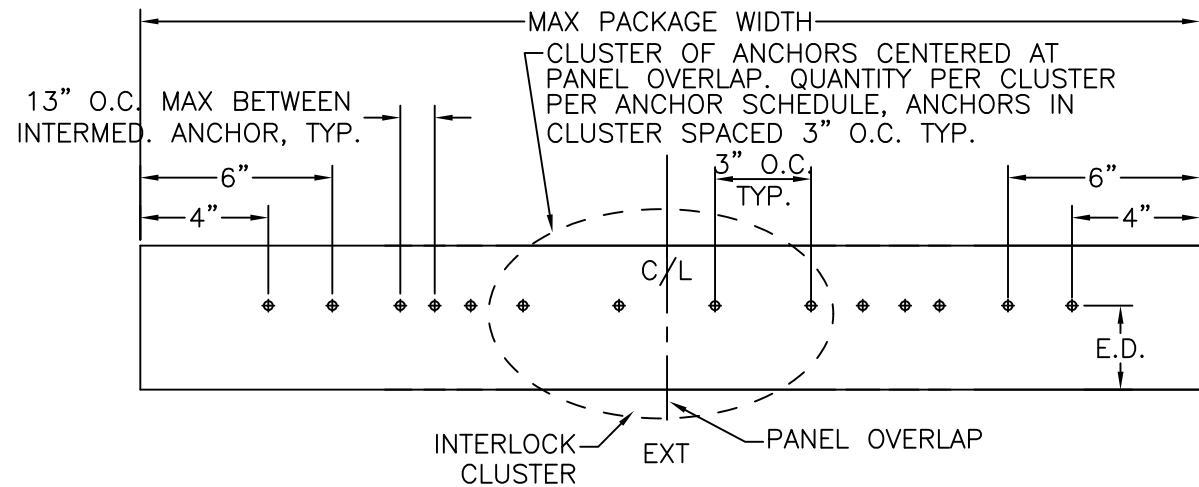
FRANK BENNARDO, P.E.  
PE# 0046549 CA, 9885



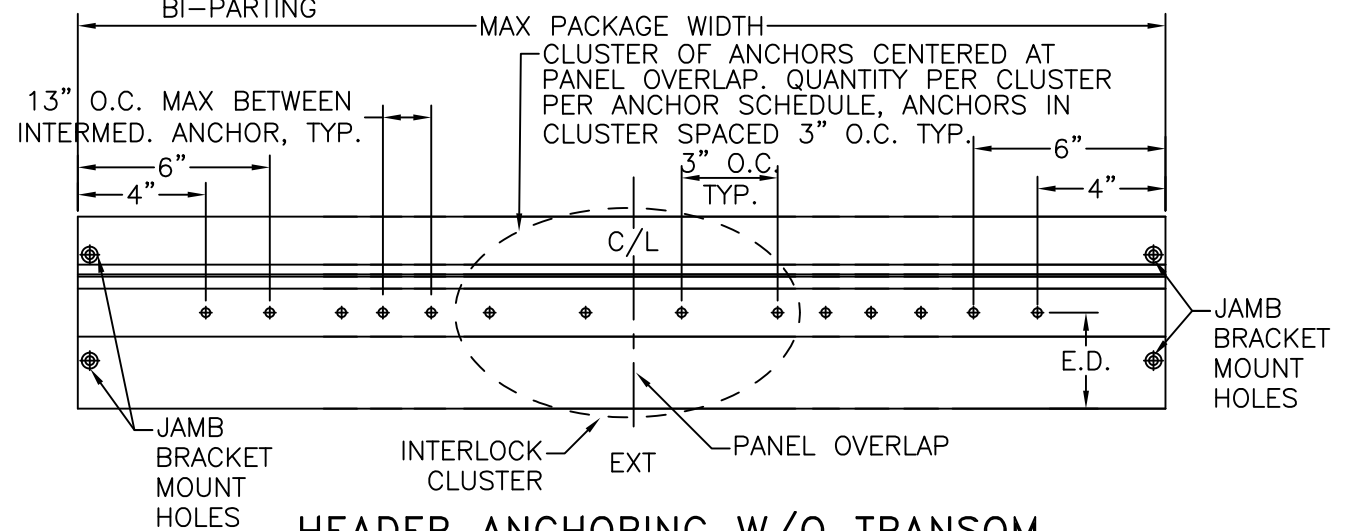
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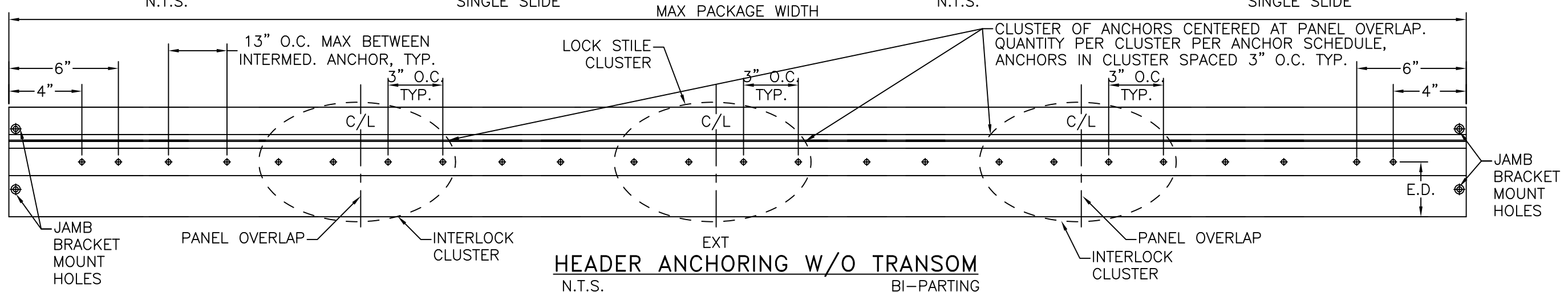
**HEADER ANCHORING WITH TRANSOM**  
N.T.S.



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



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



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

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.

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

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

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



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1216.25  
Expiration Date 04/11/2023  
By Isaac I. Chan  
Miami-Dade Product Control

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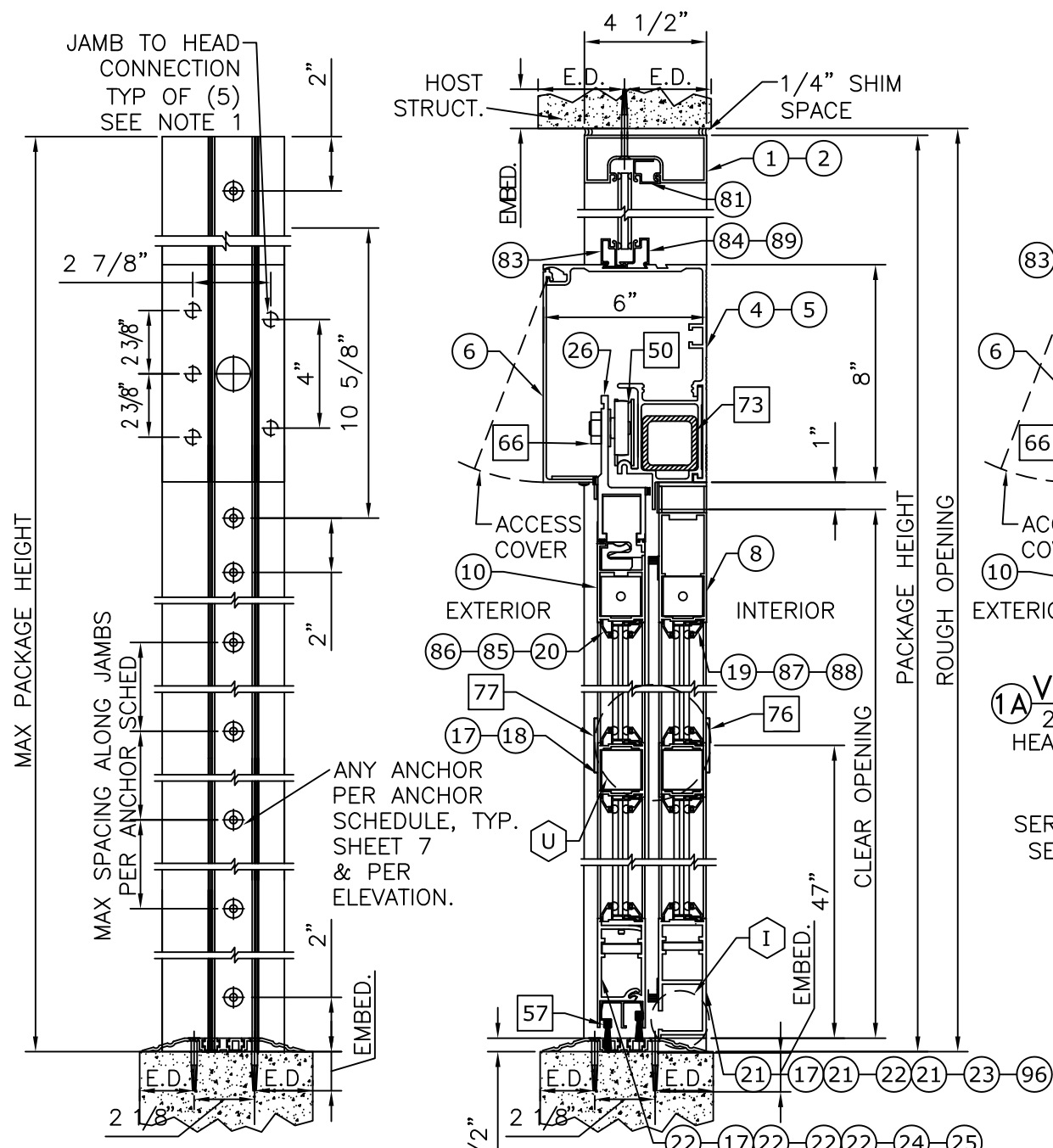
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SERIES "DURA-STORM 2000/3000" AUTO SGD  
BI-PARTING/SINGLE SLIDE (NI)  
MIAMI-DADE NOTICE OF ACCEPTANCE

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

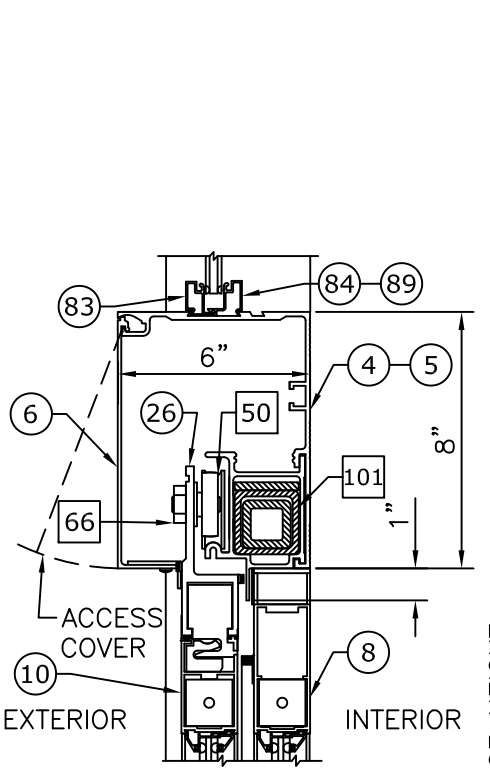
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OF 19  
**08**



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

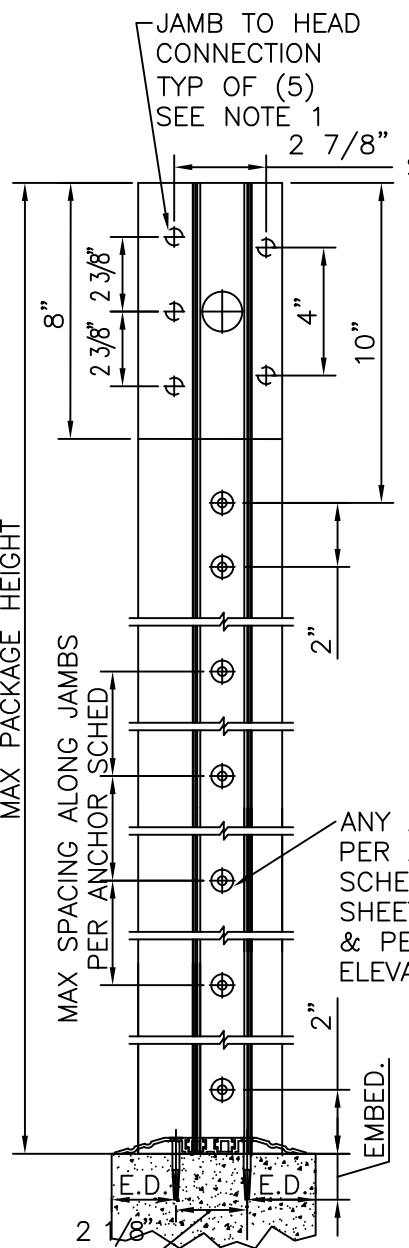
**1 VERTICAL SECTION**  
2"=1'-0" SINGLE SLIDE  
SERIES 2000 (SX-0)  
SEE HORIZONTAL SECTION  
12/11



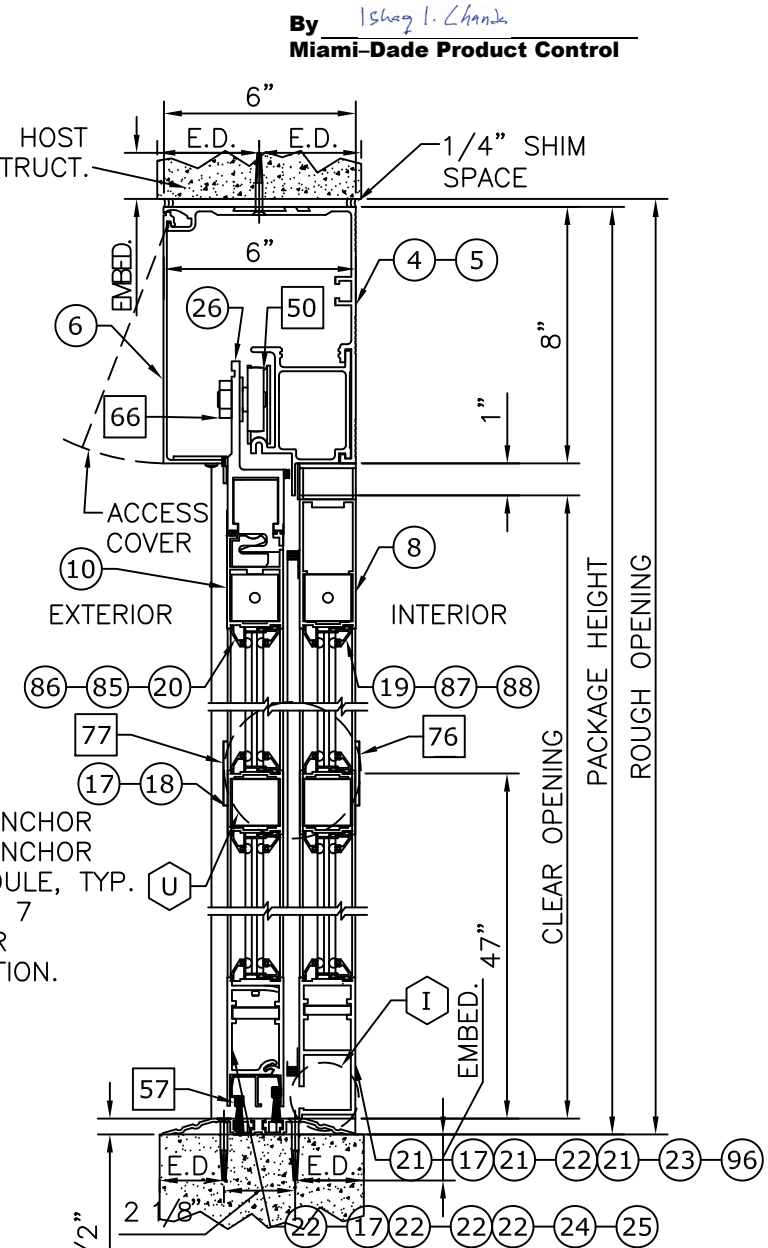
**1A VERTICAL SECTION**  
2"=1'-0" BI-PARTING  
HEADER REINFORCING DETAIL  
WITH TRANSOM  
SERIES 2000 (0-SX-SX-0)  
SEE HORIZONTAL SECTION  
11/11

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**



**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" SINGLE SLIDE  
SERIES 2000  
(0-SX-SX-0) OR (SX-0)  
SEE HORIZONTAL  
SECTIONS 11/11 & 12/11  
RESPECTIVELY

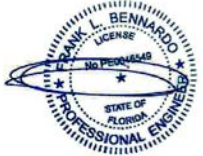
**WITHOUT TRANSOM**

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

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

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



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1216.25

Expiration Date 04/11/2023

By *Ismael L. Chando*  
Miami-Dade Product Control

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

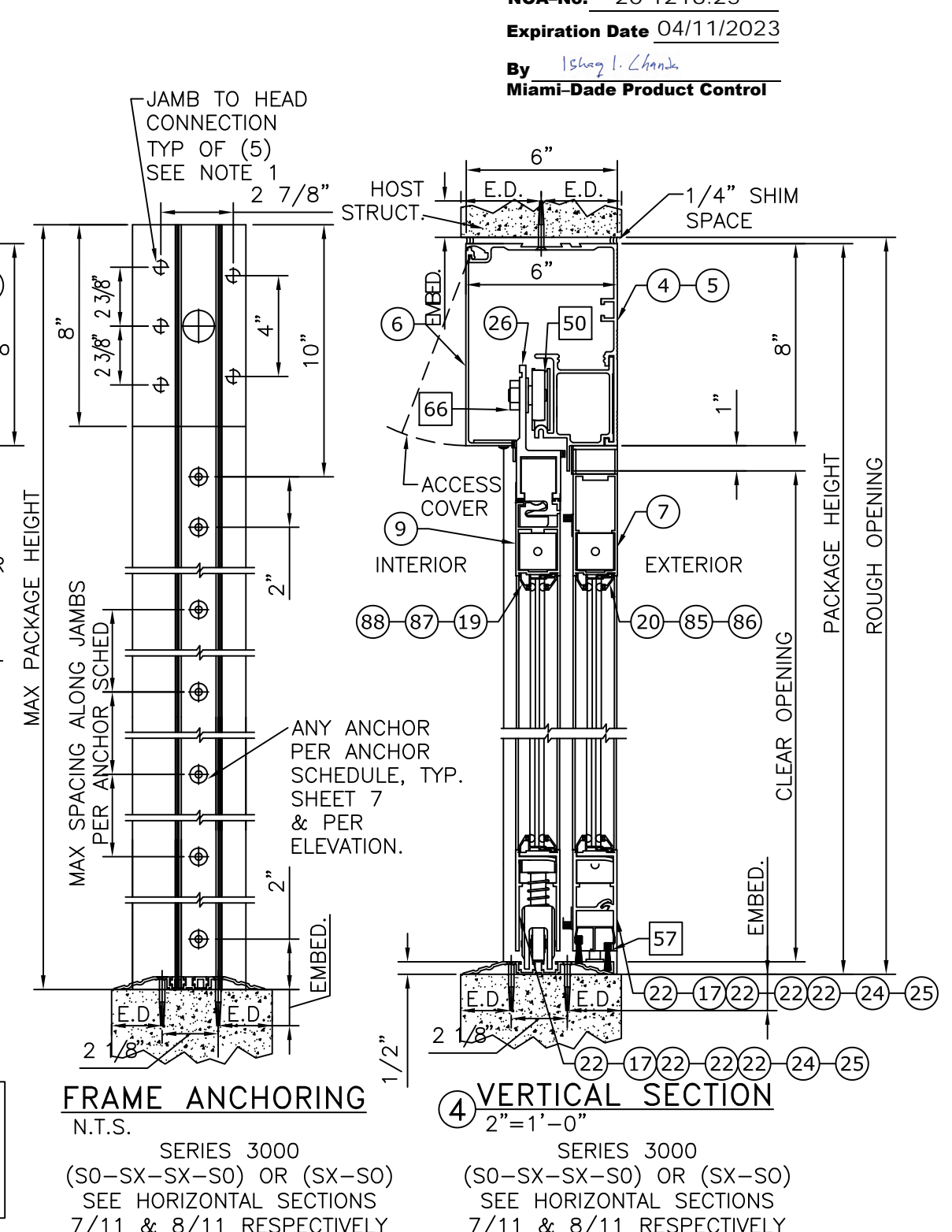
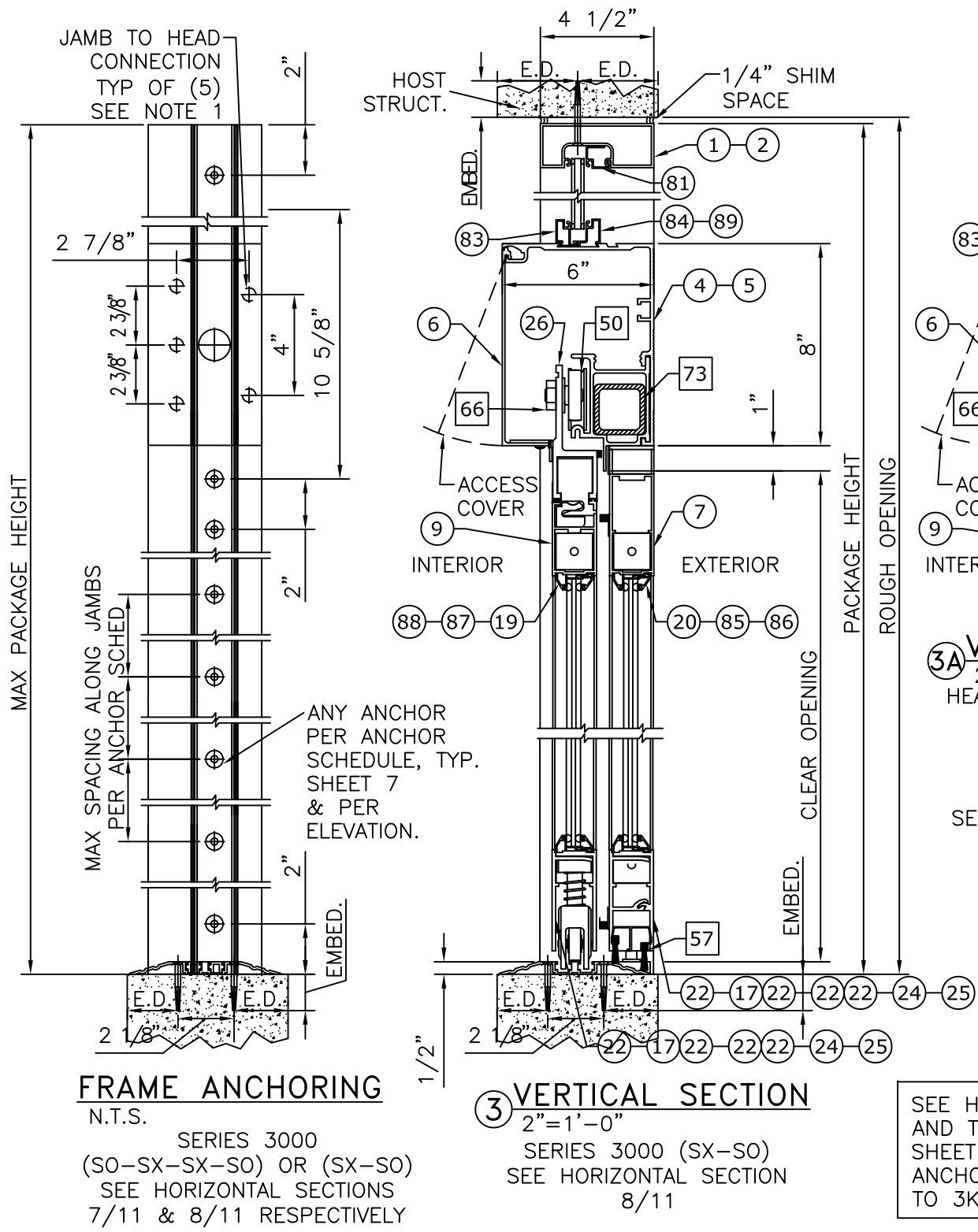
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REV. 7TH EDITION	JEM	AJP	11/17/20

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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**

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- 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/ 4-POINT CVR LOCKING

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



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1216.25

Expiration Date 04/11/2023

By Isaac I. Chan  
Miami-Dade Product Control

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ACCESS TECHNOLOGIES

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

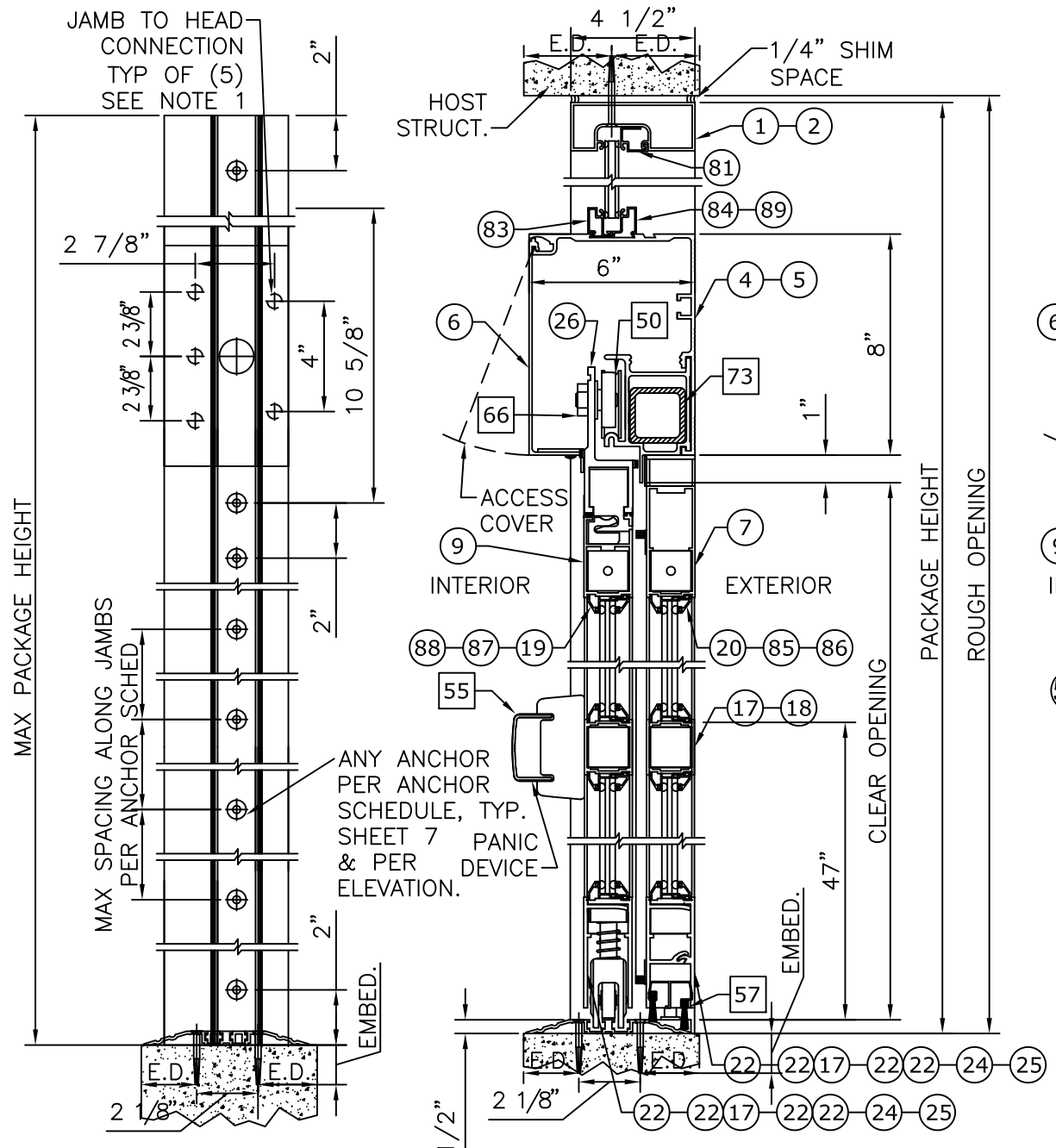
REV.	DATE	BY	CHKD.
1	08/23/17	JMP	FLB
2	11/17/20	JEM	AJP

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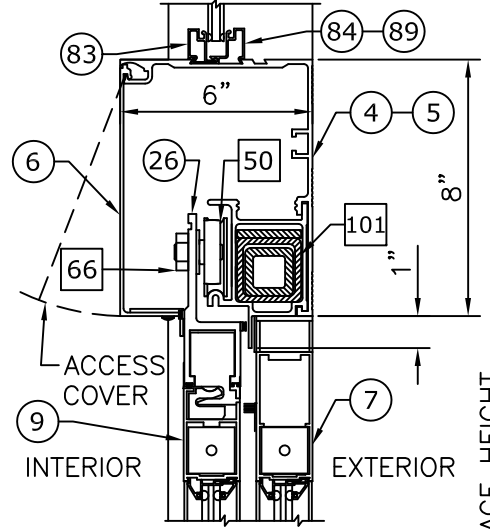
SCALE: NTS UNLESS NOTED

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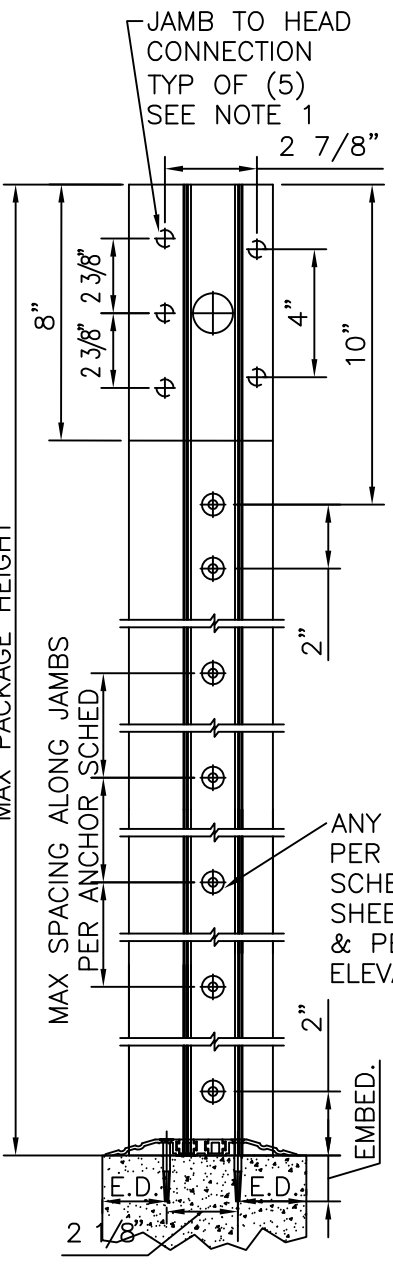


**FRAME ANCHORING**  
N.T.S.  
SERIES 3000  
(SO-SX-SX-SO) OR (SX-SO)  
SEE HORIZONTAL SECTIONS  
9/11 & 10/11 RESPECTIVELY

**5) VERTICAL SECTION**  
2"=1'-0"  
SERIES 3000 (SX-SO)  
SEE HORIZONTAL SECTION  
10/11



**5A) VERTICAL SECTION**  
2"=1'-0" BI-PARTING  
HEADER REINFORCING DETAIL  
WITH TRANSOM  
  
SERIES 3000  
(SO-SX-SX-SO)  
SEE HORIZONTAL SECTION  
9/11



**FRAME ANCHORING**  
N.T.S.  
SERIES 3000  
(SO-SX-SX-SO) OR (SX-SO)  
SEE HORIZONTAL SECTIONS  
9/11 & 10/11 RESPECTIVELY

**6) VERTICAL SECTION**  
2"=1'-0"  
SERIES 3000 (SO-SX-SX-SO)  
OR (SX-SO)  
SEE HORIZONTAL SECTIONS  
9/11 & 10/11 RESPECTIVELY

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

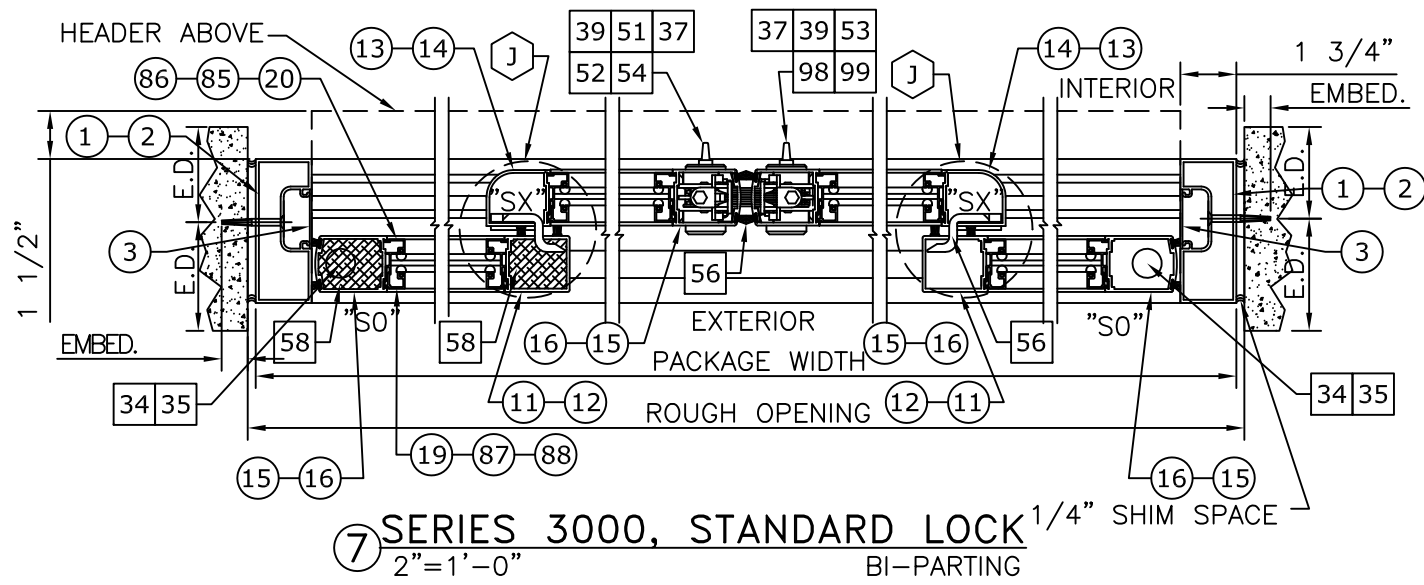
**NOTE: SEE SHEET 7 FOR ANCHOR SCHEDULE  
AND ALLOWABLE ANCHOR TYPES**

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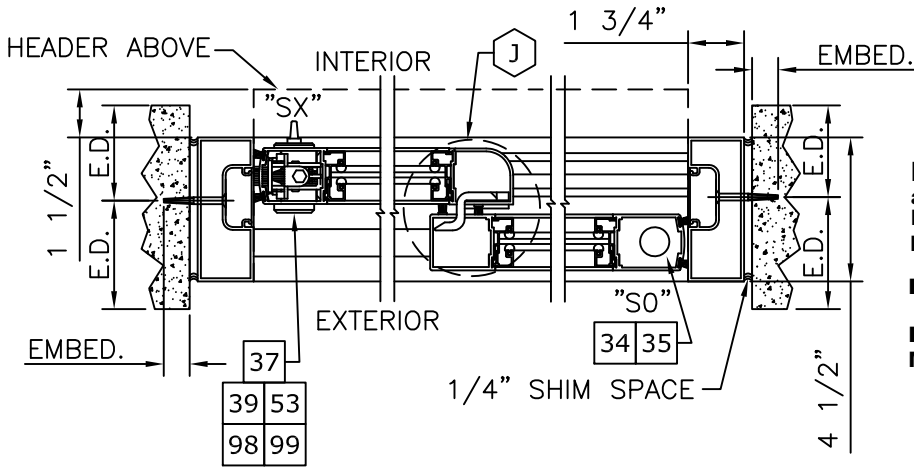
- NOTES**
- JAMB TO HEAD CONNECTION FASTENERS; 5/16-18 HHMS WITH WASHER.
  - SEE SHEET 14 FOR STACKED BOTTOM RAIL OPTIONS.

# DURA-STORM SERIES 2000/3000 HORIZONTAL SECTIONS & ANCHORING

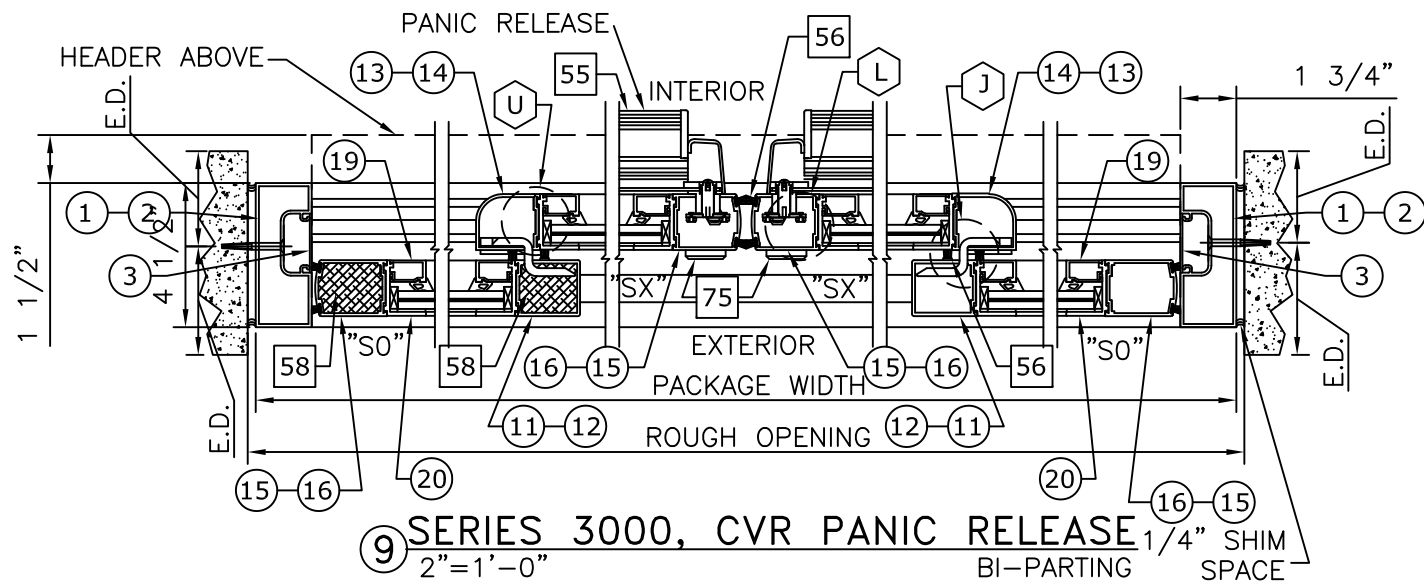
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PE# 0046549 CA, 9885



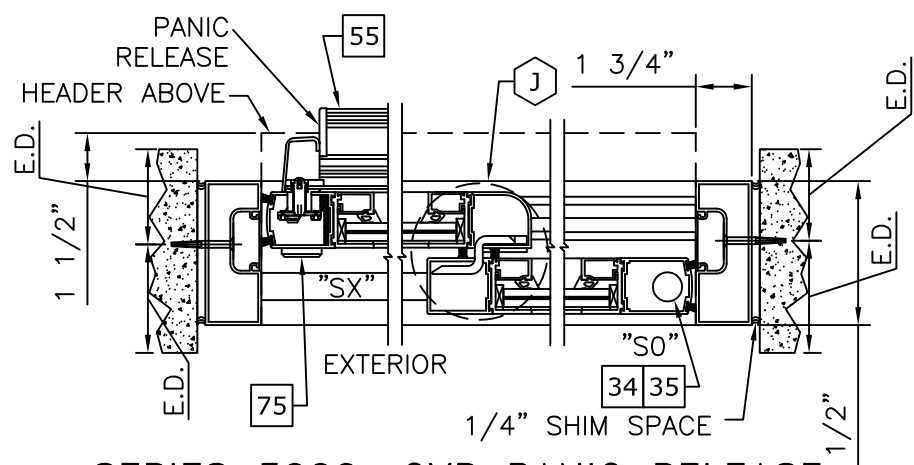
7 SERIES 3000, STANDARD LOCK  
2"=1'-0" BI-PARTING



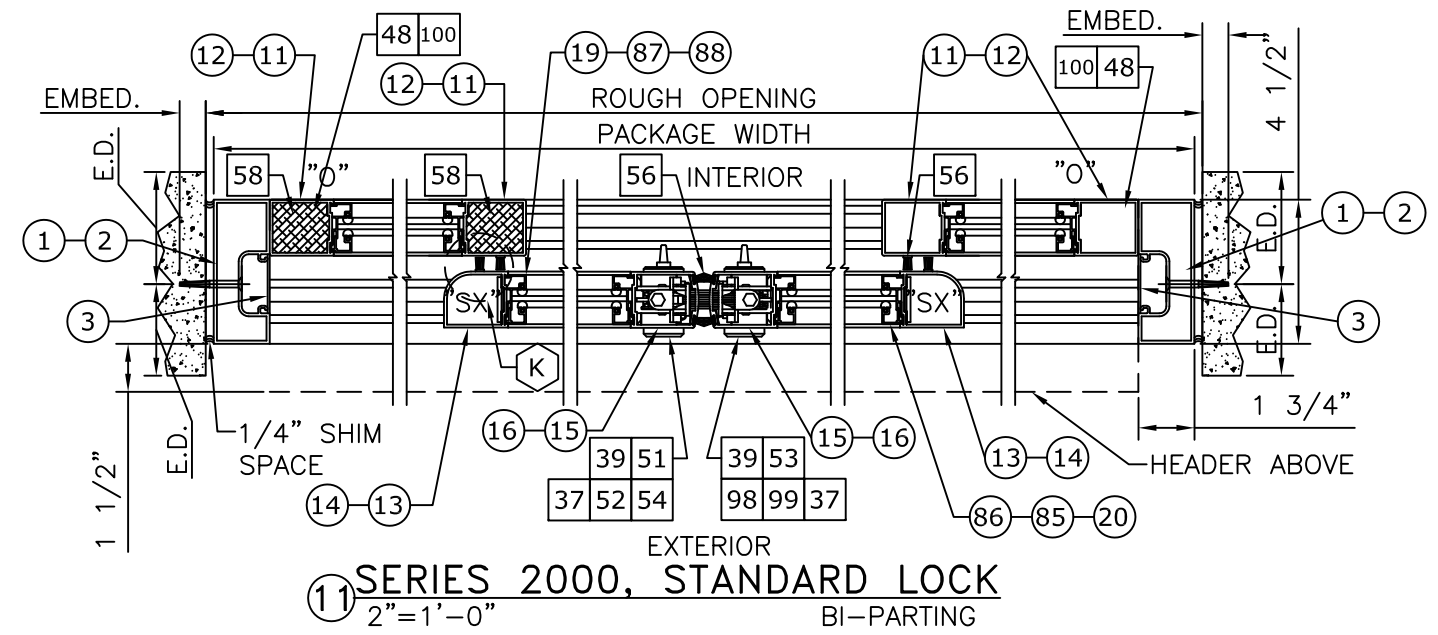
8 SERIES 3000, STANDARD LOCK  
2"=1'-0" SINGLE SLIDE



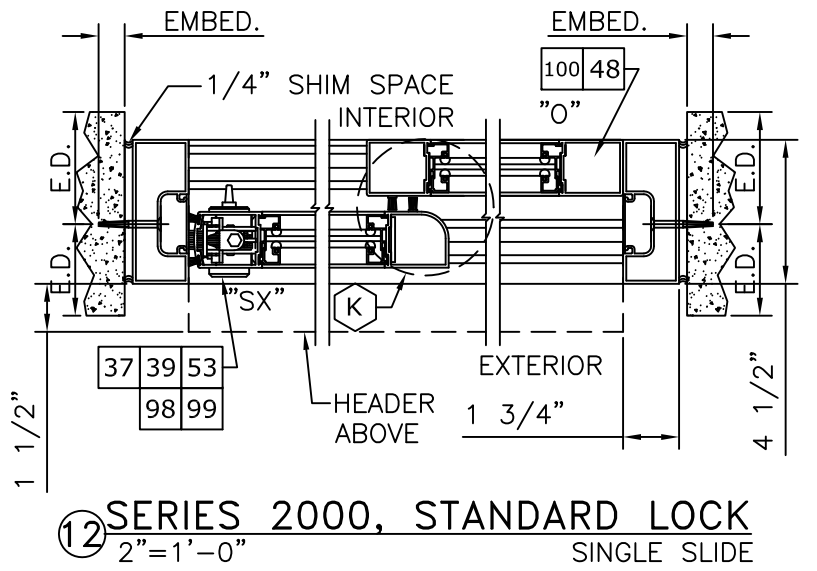
9 SERIES 3000, CVR PANIC RELEASE  
2"=1'-0" BI-PARTING



10 SERIES 3000, CVR PANIC RELEASE  
2"=1'-0" SINGLE SLIDE



11 SERIES 2000, STANDARD LOCK  
2"=1'-0" BI-PARTING



12 SERIES 2000, STANDARD LOCK  
2"=1'-0" SINGLE SLIDE

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-1216.25  
Expiration Date 04/11/2023  
By *Ishag I. Chanik*  
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.

**ENGINEERING EXPRESS**  
CORPORATE OFFICE:  
160 SW 12th AVE, SUITE 106  
DEERFIELD BEACH, FL 33442  
(954) 354-0660 | (866) 396-9999  
TEAM@ENGINEERINGEXPRESS.COM  
ENGINEERINGEXPRESS.COM

65 SCOTT SWAMP ROAD  
FARMINGTON, CT 06032

**STANLEY Security**  
ACCESS TECHNOLOGIES  
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

20-33204  
SCALE: NTS UNLESS NOTED

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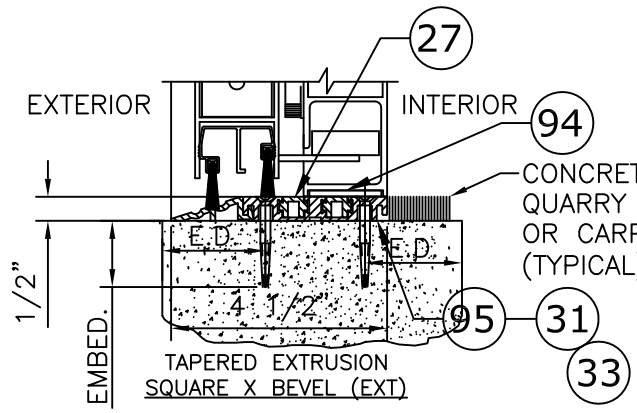
# DURA-STORM SERIES 2000/3000 THRESHOLDS & ANCHORING

**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**

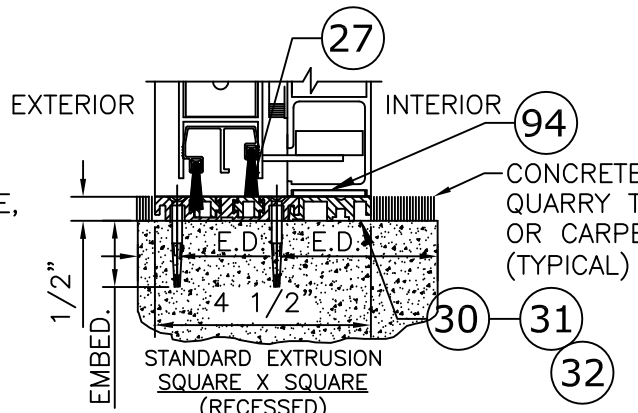
SEE HEAD ANCHORS SHEET 7, AND JAMB ANCHORS SHEETS 8 THROUGH 10.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-1216.25  
Expiration Date 04/11/2023

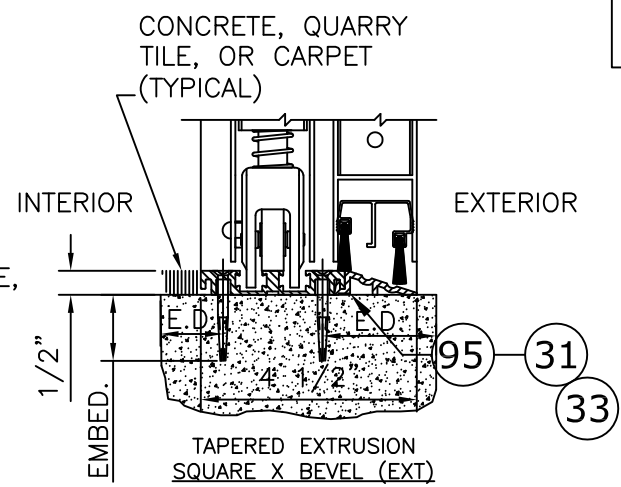
By *Ishag I. Chandra*  
Miami-Dade Product Control



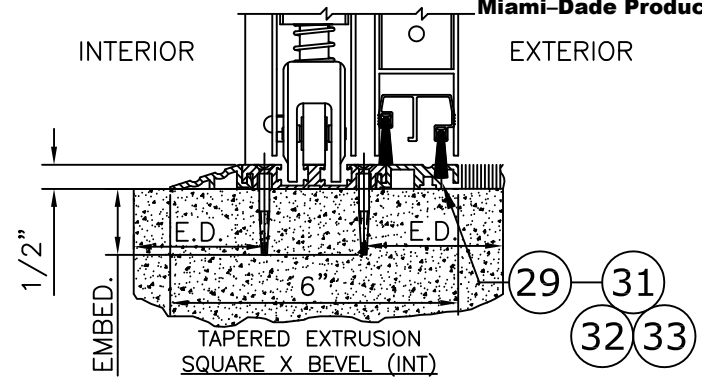
**THRESHOLD-TAPERED EXT**  
3"=1'-0" 2000



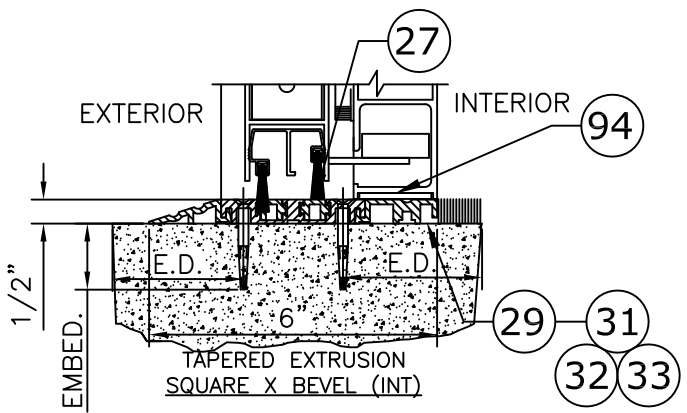
**THRESHOLD-SQUARE**  
3"=1'-0" 2000



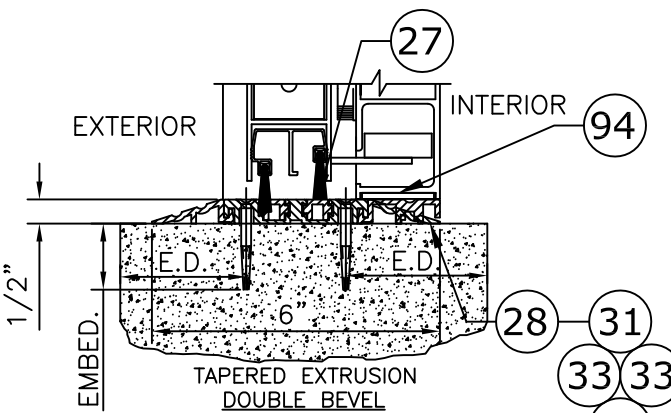
**THRESHOLD-TAPERED EXT**  
3"=1'-0" 3000



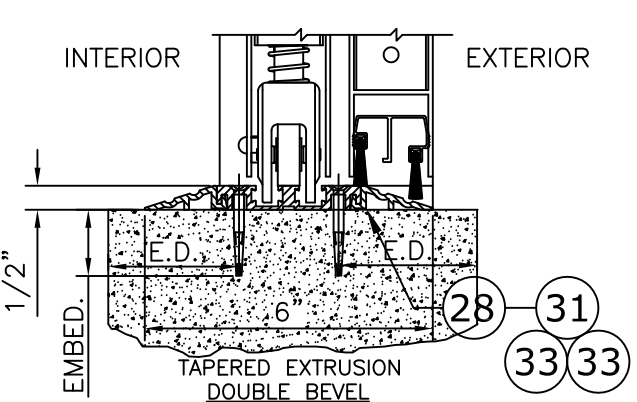
**THRESHOLD-TAPERED INT**  
3"=1'-0" 3000



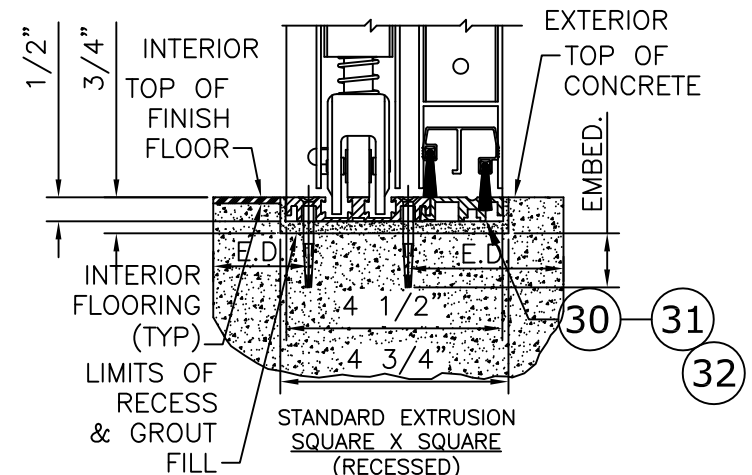
**THRESHOLD-TAPERED INT**  
3"=1'-0" 2000



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

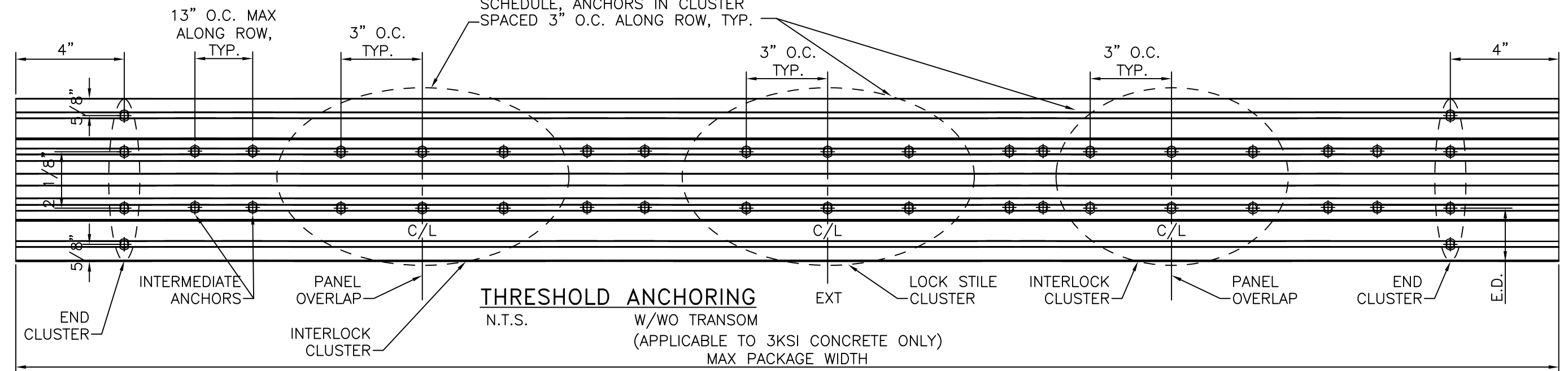


**THRESHOLD-TAPERED**  
3"=1'-0" 3000



**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. W/WO TRANSOM  
(APPLICABLE TO 3KSI CONCRETE ONLY)  
MAX PACKAGE WIDTH

**ENGINEERING EXPRESS**  
CORPORATE OFFICE:  
160 SW 12th AVE, SUITE 106  
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ACCESS TECHNOLOGIES  
SERIES "DURA-STORM 2000/3000" AUTO SGD  
BI-PARTING/SINGLE SLIDE (NI)  
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
REV. 08/23/17	JMP	FLB	08/23/17
REV. 11/17/20	JEM	AJP	11/17/20

20-33204

SCALE: NTS UNLESS NOTED

11/19/2020 - 9:48am joem C:\Users\joem\appdata\local\temp\AcPublish\_2066820-33204a DuraStorm 3000 (LMI).dwg

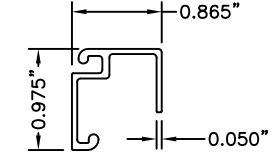
# DURA-STORM SERIES 2000/3000 EXTRUSIONS

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1216.25

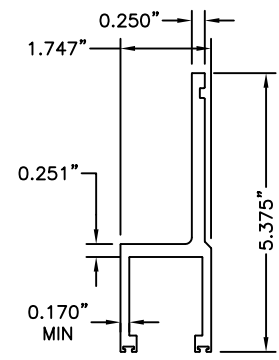
Expiration Date 04/11/2023

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

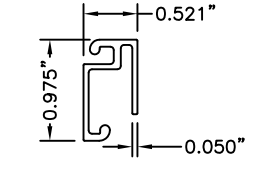
**79 PANIC MUNTIN CLIP**  
N.T.S. 6063-T6



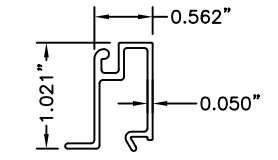
**81 TRANSOM FRAME**  
N.T.S. 6063-T6



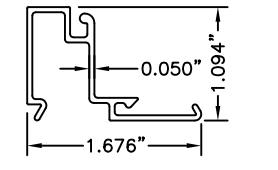
**82 TRANSOM VERT.**  
N.T.S. 6063-T6



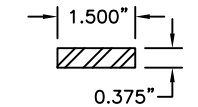
**83 TRANSOM STOP**  
N.T.S. 6063-T6 HEADER



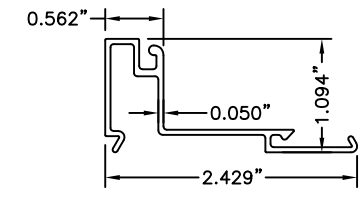
**84 TRANSOM 1/4" GUTTER**  
N.T.S. 6063-T6 HEADER



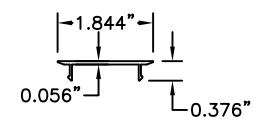
**74 STEEL PANIC REINFORCING**  
N.T.S. ASTM A-36



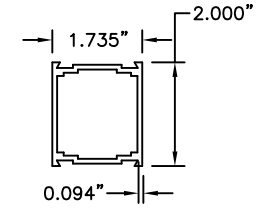
**89 TRANSOM IG GUTTER**  
N.T.S. 6063-T6 HEADER



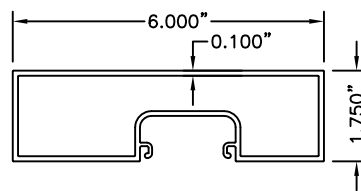
**3 JAMB INSERT**  
N.T.S. 6063-T6



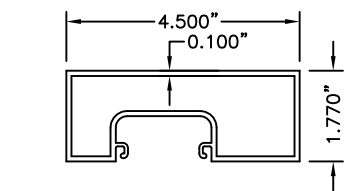
**17 MUNTIN BAR**  
N.T.S. 6063-T6



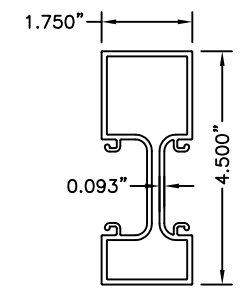
**2 JAMB 6**  
N.T.S. 6063-T6



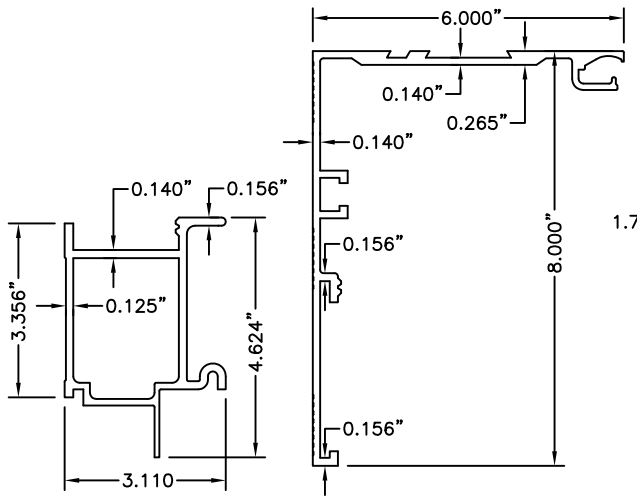
**1 JAMB 4 1/2**  
N.T.S. 6063-T6



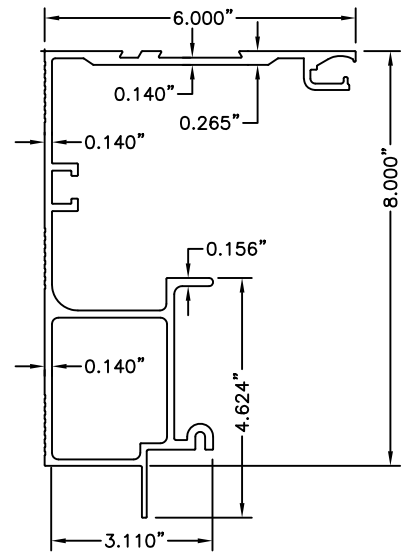
**80 TRANSOM VERT.**  
N.T.S. 6063-T6



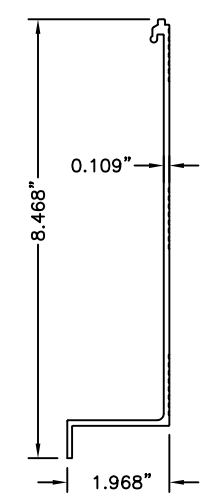
**5 HEADER (2 PC.)**  
N.T.S. 6063-T6



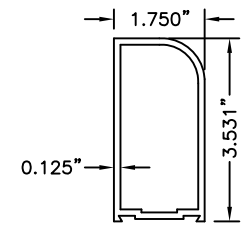
**4 HEADER**  
N.T.S. 6063-T6



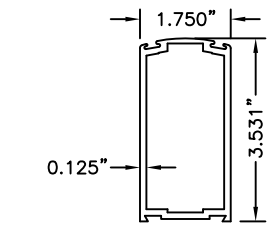
**6 HEADER COVER**  
N.T.S. 6063-T6



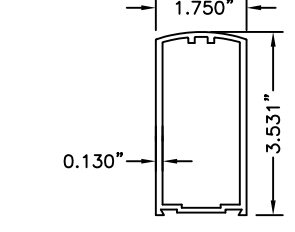
**26 HANGER**  
N.T.S. 6063-T6



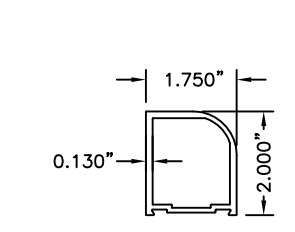
**8 TOP RAIL, O**  
N.T.S. 2000 6063-T6



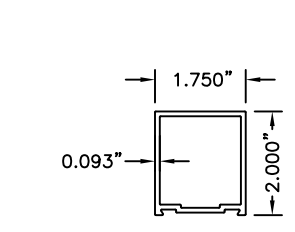
**7 TOP RAIL, SO**  
N.T.S. 3000 6063-T6



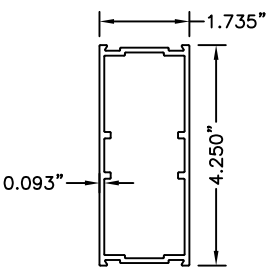
**10 TOP RAIL, SX**  
N.T.S. 2000 6063-T6



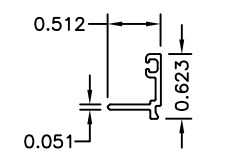
**9 TOP RAIL, SX**  
N.T.S. 3000 6063-T6



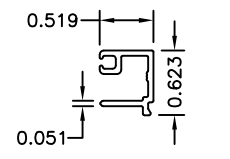
**18 MUNTIN BAR**  
N.T.S. 6063-T6



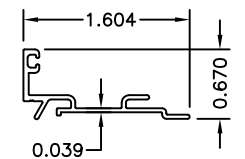
**88 IG STOP**  
N.T.S. 6063-T6



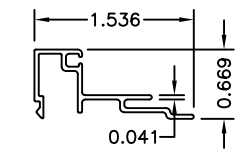
**87 1/4" STOP**  
N.T.S. 6063-T6 VERTICAL



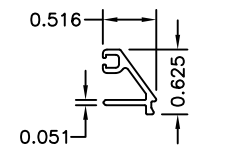
**86 IG GUTTER**  
N.T.S. 6063-T6



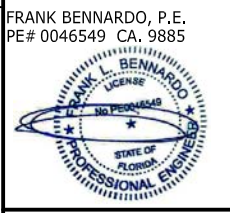
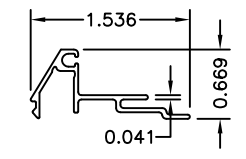
**85 1/4" GUTTER**  
N.T.S. 6063-T6 VERTICAL



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



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



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**STANLEY Security**  
ACCESS TECHNOLOGIES

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

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

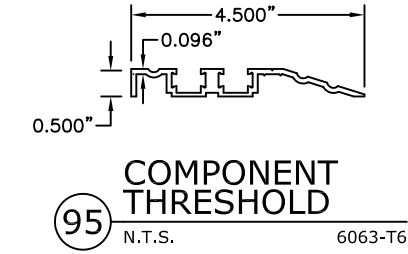
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20-33204

SCALE: NTS UNLESS NOTED

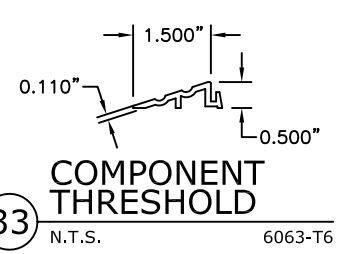
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# DURA-STORM SERIES 2000/3000 EXTRUSIONS

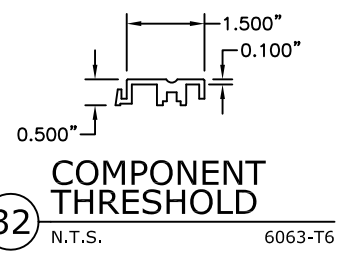
**PRODUCT REVISED**  
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 Expiration Date 04/11/2023  
 By *Ishag I. Chanda*  
 Miami-Dade Product Control



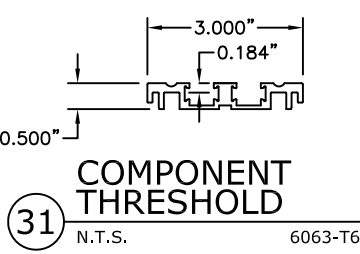
**95 COMPONENT THRESHOLD**  
 N.T.S. 6063-T6



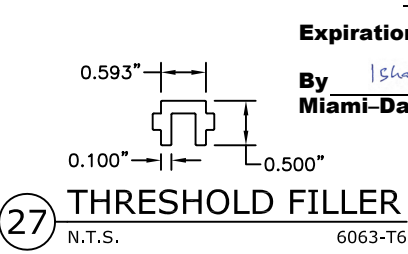
**33 COMPONENT THRESHOLD**  
 N.T.S. 6063-T6



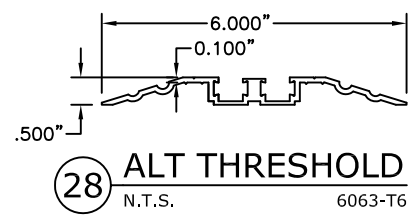
**32 COMPONENT THRESHOLD**  
 N.T.S. 6063-T6



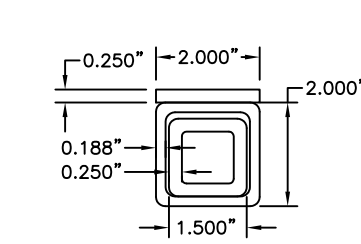
**31 COMPONENT THRESHOLD**  
 N.T.S. 6063-T6



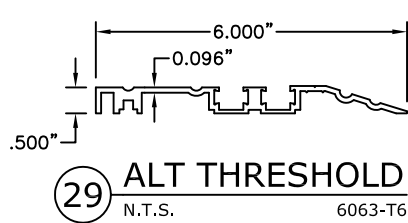
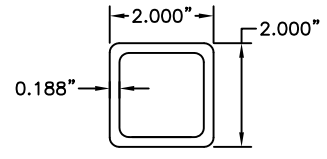
**27 THRESHOLD FILLER**  
 N.T.S. 6063-T6



**28 ALT THRESHOLD**  
 N.T.S. 6063-T6

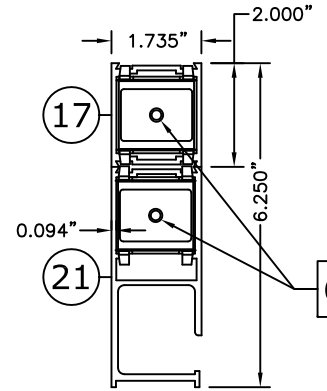
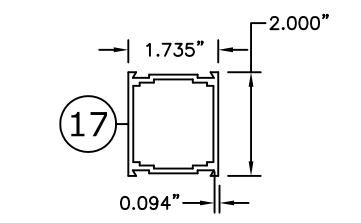


**73 TRANSOM STIFFENER**  
 N.T.S. SINGLE SLIDE ASTM A500

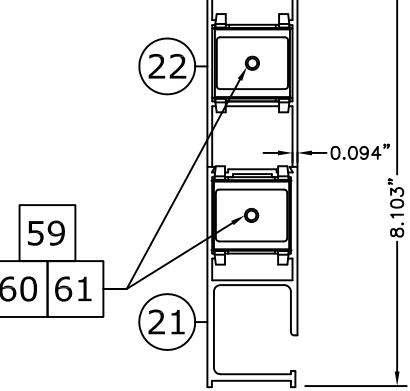


**29 ALT THRESHOLD**  
 N.T.S. 6063-T6

**101 NESTED TRANSOM STIFFENER**  
 N.T.S. BI-PARTING ASTM A500

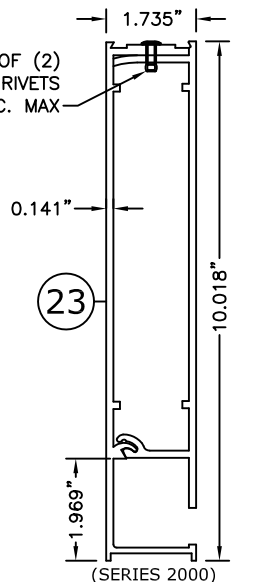


**17 STACKED BOTTOM RAIL, O**  
 N.T.S. 6063-T6

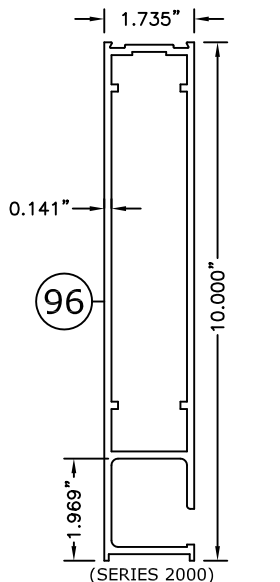


**21 STACKED BOTTOM RAIL, O**  
 N.T.S. 6063-T6

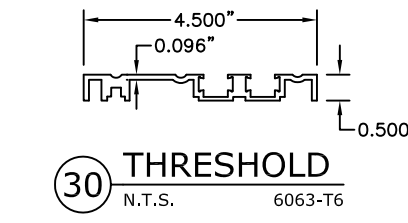
MIN. OF (2)  
 3/16" POP RIVETS  
 @ 22" O.C. MAX



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

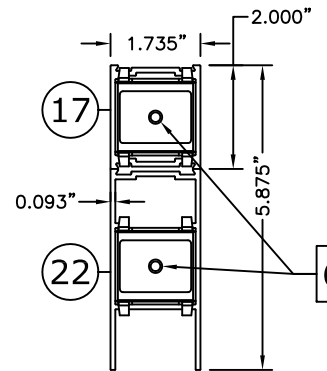
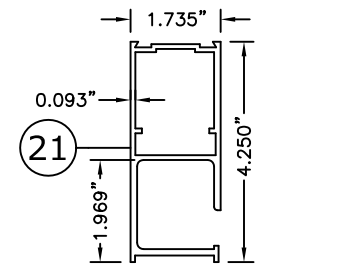


**96 BOTTOM RAIL, O**  
 N.T.S. 1-PIECE 6063-T6

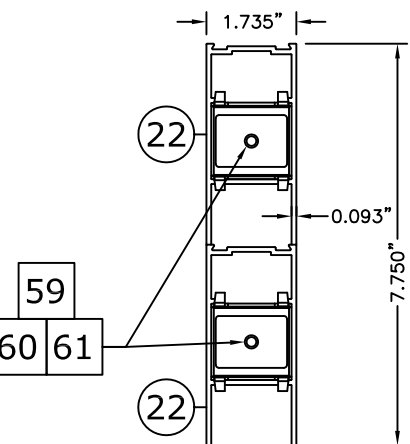


**30 THRESHOLD**  
 N.T.S. 6063-T6

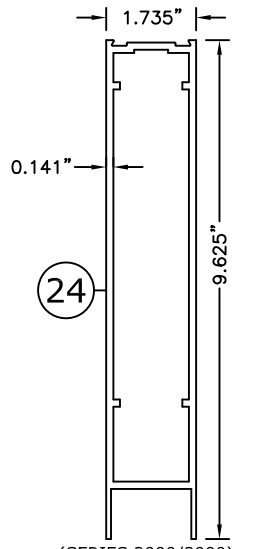
**17 MUNTIN BAR**  
 N.T.S. 6063-T6



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

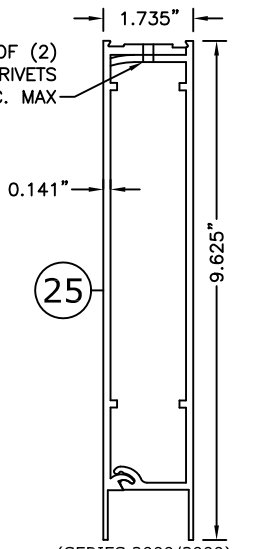


**22 STACKED BOTTOM RAIL, SX/SO**  
 N.T.S. 6063-T6

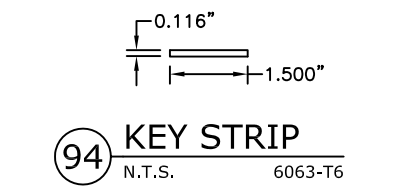


**24 BOTTOM RAIL, SX/SO**  
 N.T.S. 1-PIECE 6063-T6

MIN. OF (2)  
 3/16" POP RIVETS  
 @ 22" O.C. MAX

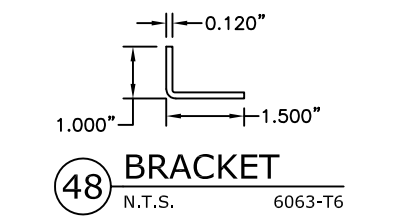
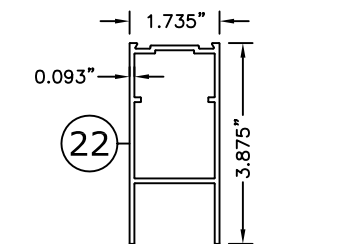


**25 BOTTOM RAIL, SX/SO**  
 N.T.S. 2-PIECE 6063-T6

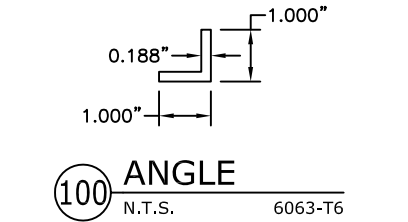


**94 KEY STRIP**  
 N.T.S. 6063-T6

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



**48 BRACKET**  
 N.T.S. 6063-T6



**100 ANGLE**  
 N.T.S. 6063-T6

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



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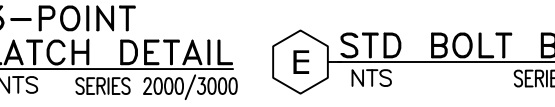
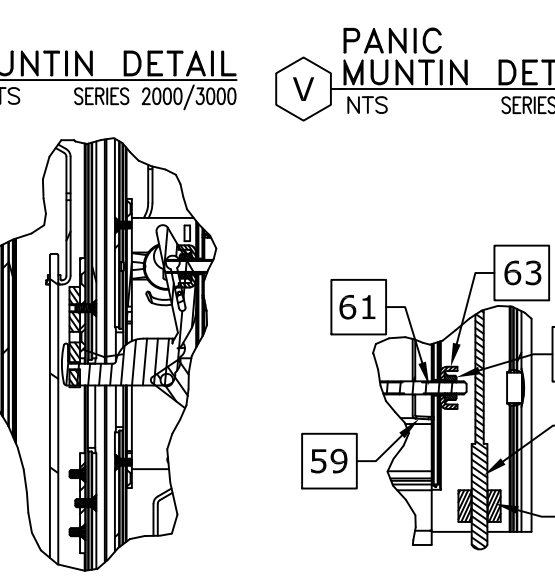
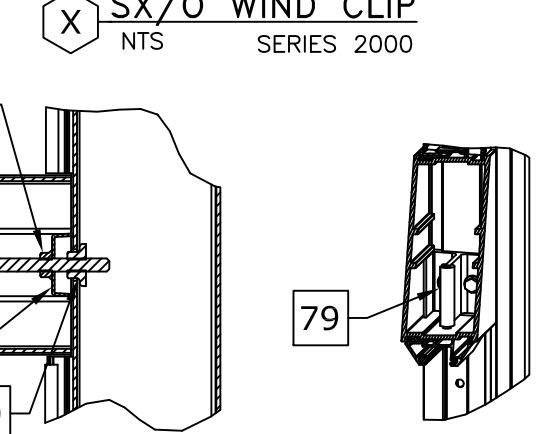
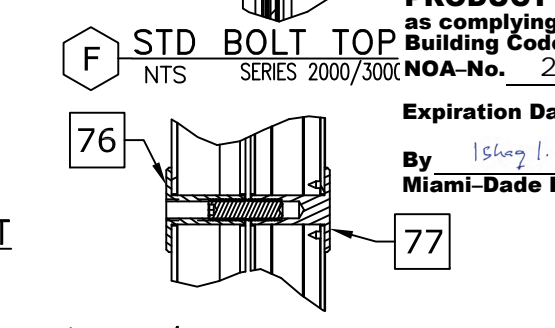
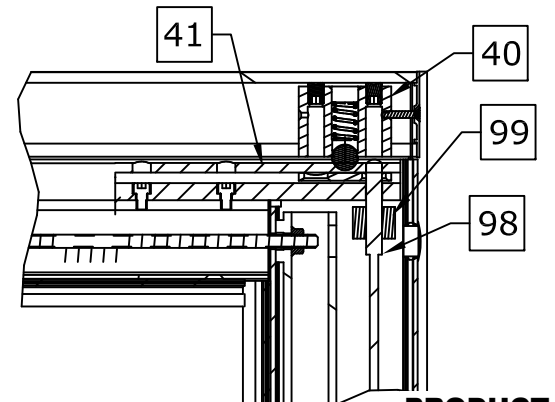
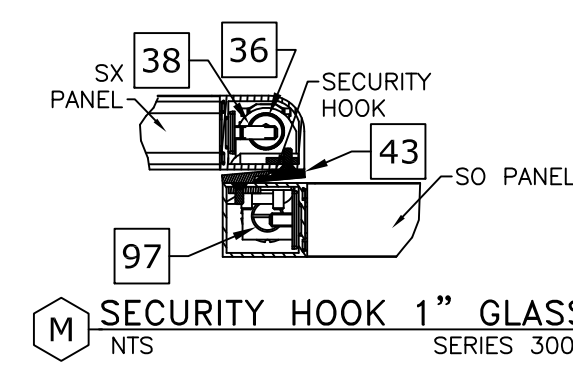
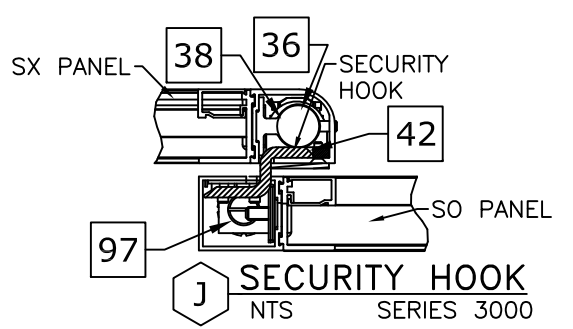
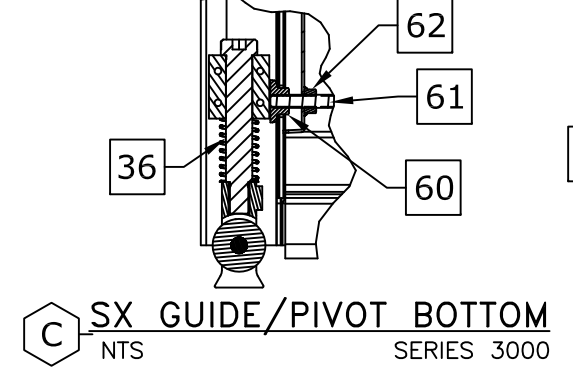
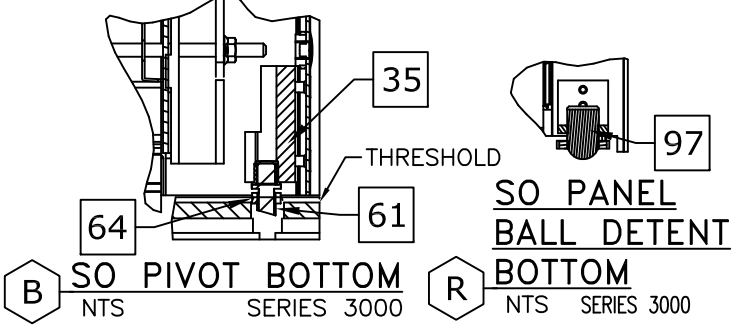
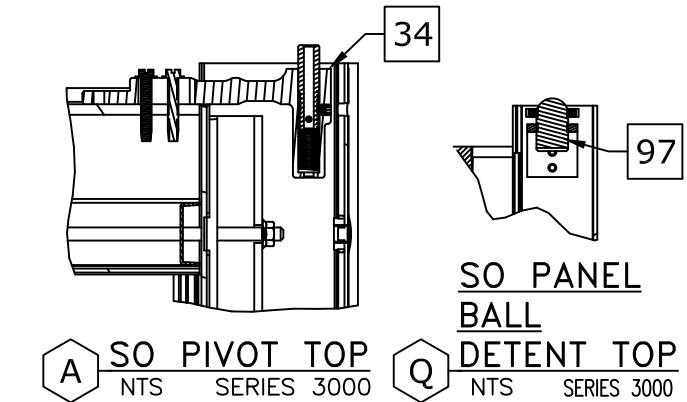
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 SERIES "DURA-STORM 2000/3000" AUTO SGD  
 BI-PARTING/SINGLE SLIDE (NI)  
 MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
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REV. 7TH EDITION	JEM	AJP	11/17/20

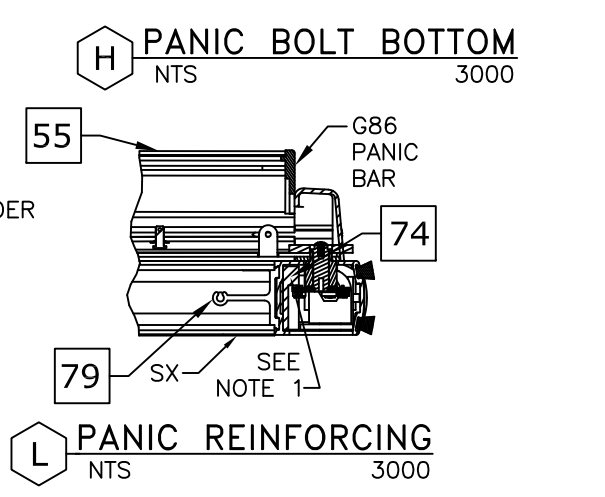
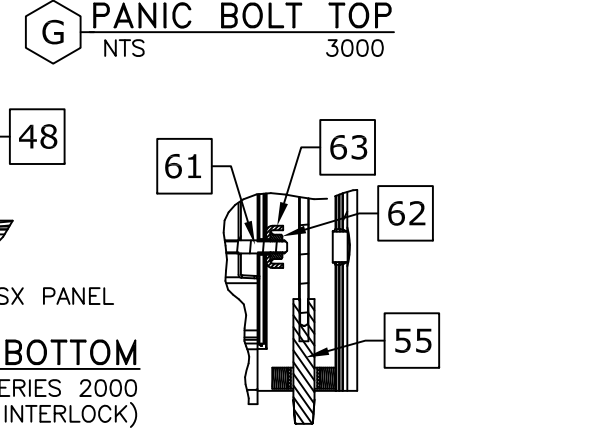
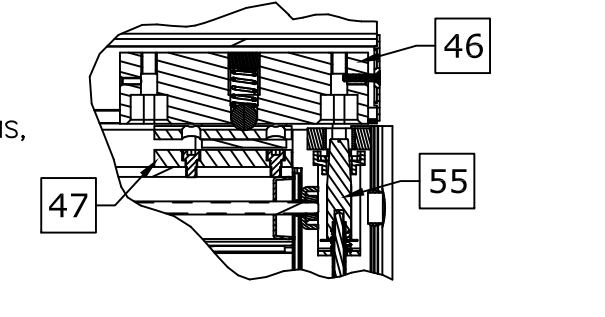
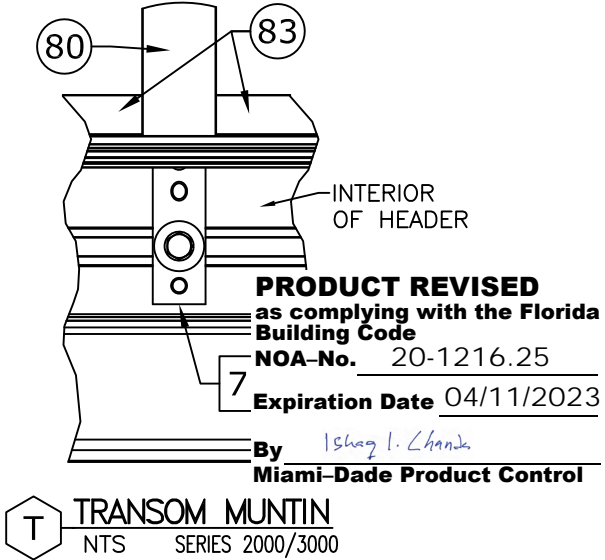
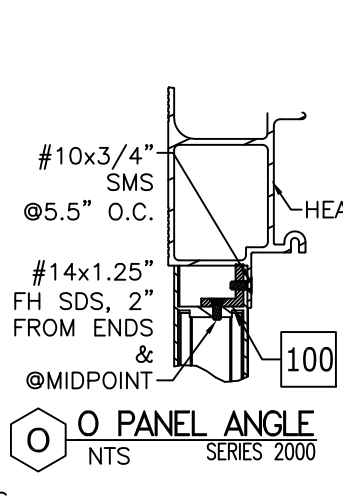
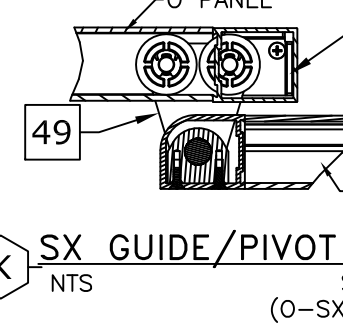
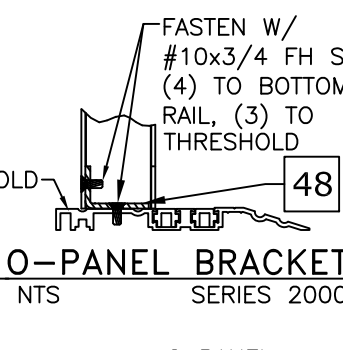
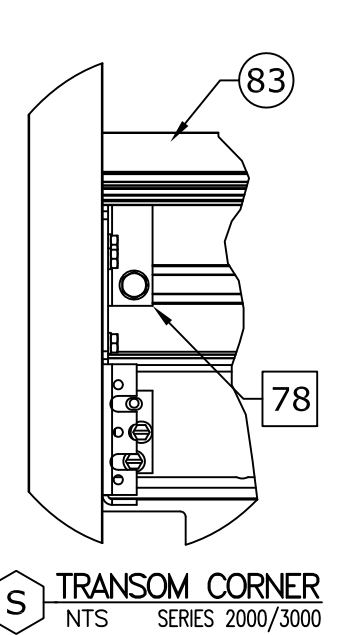
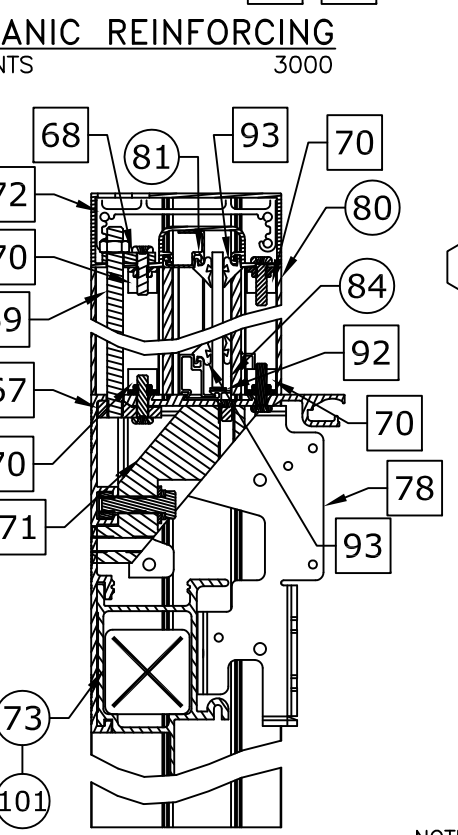
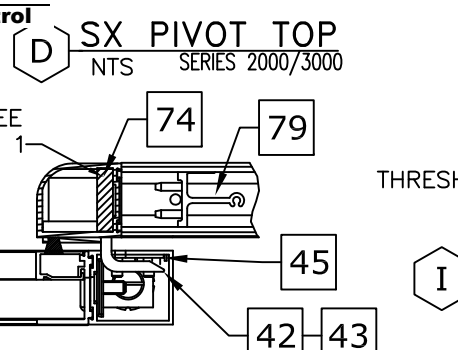
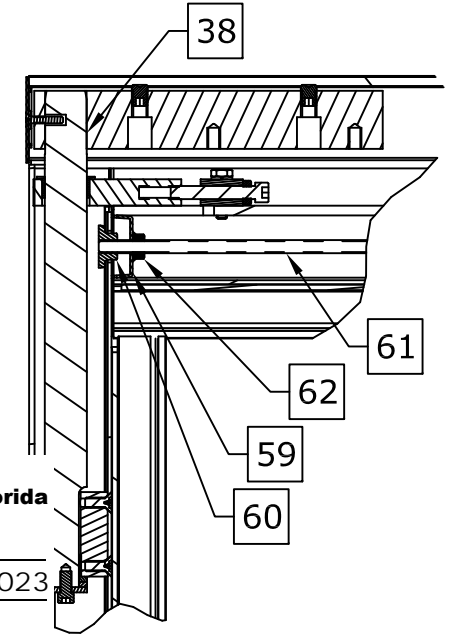
20-33204  
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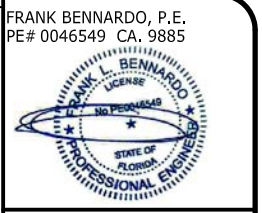
# DURA-STORM SERIES 2000/3000 DETAILS



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NOA-No. 20-1216.25  
Expiration Date 04/11/2023  
By *Ishag I. Chandra*  
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.



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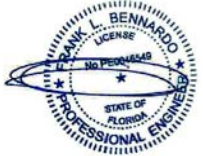
REMARKS	DATE	CHKD	DATE
REV. 6TH EDITION	08/23/17	FLB	
REV. 7TH EDITION	11/17/20	AJP	

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# DURA-STORM SERIES 2000/3000 TRANSOM GLAZING DETAILS

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PE# 0046549 CA, 9885



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REV. 7TH EDITION	11/17/20

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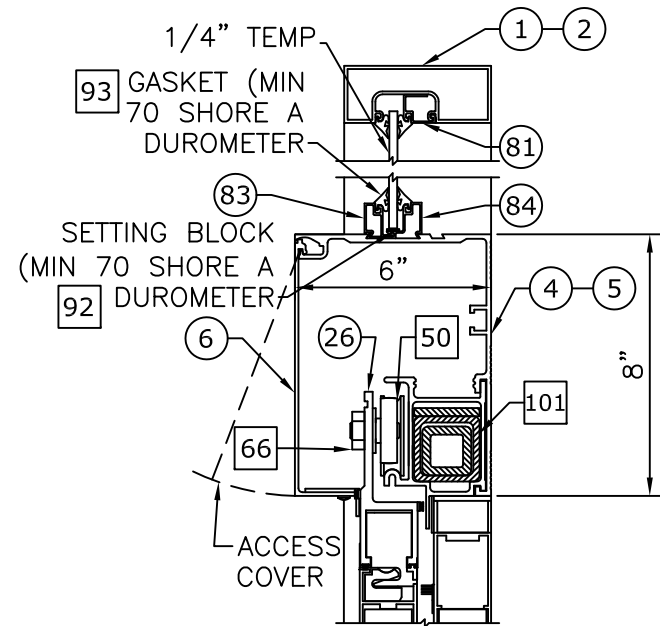
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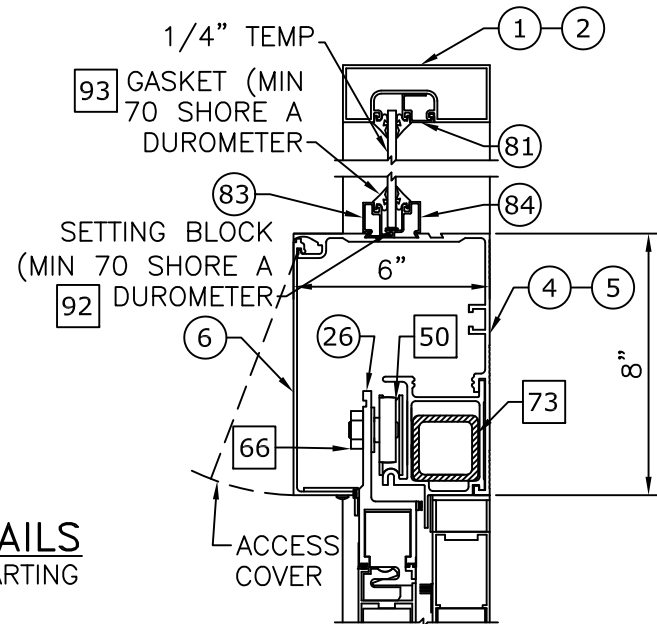
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16

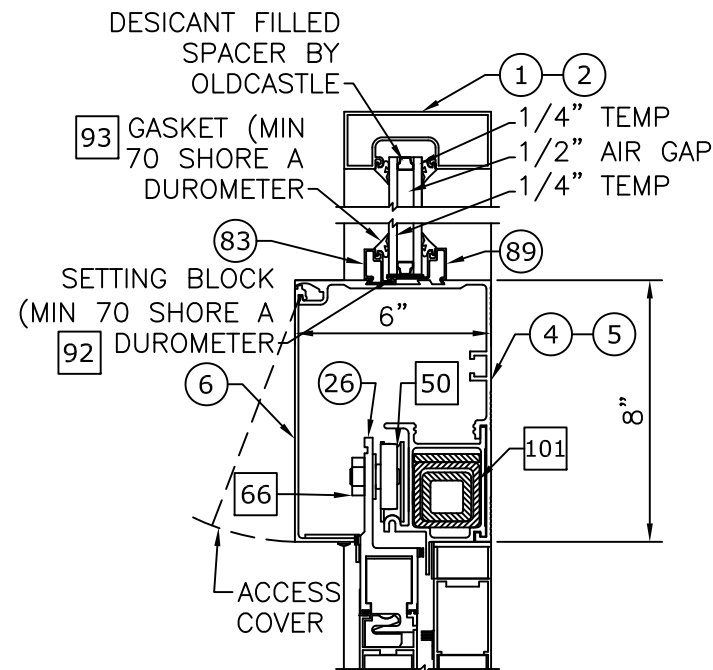
**PRODUCT REVISED**  
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Building Code  
NOA-No. 20-1216.25  
Expiration Date 04/11/2023  
By *Ishag I. Chank*  
Miami-Dade Product Control



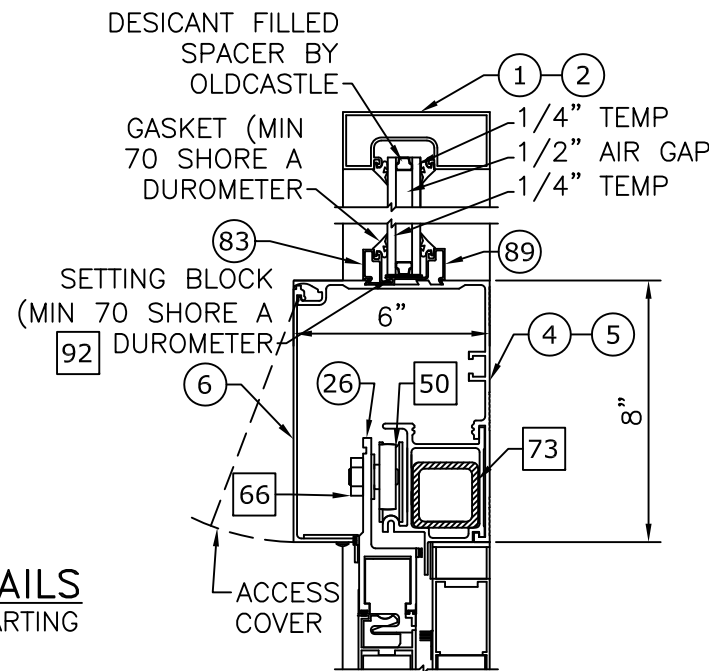
NON-IMPACT TRANSOM GLAZING DETAILS  
NTS 1/4" TEMPERED V SECTION BI-PARTING



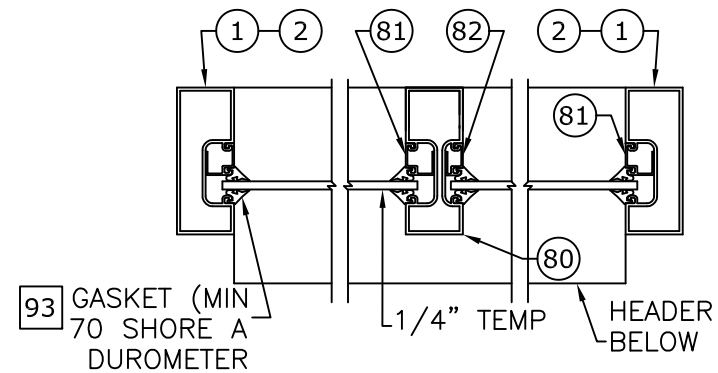
NON-IMPACT TRANSOM GLAZING DETAILS  
NTS 1/4" TEMPERED V SECTION SINGLE SLIDE



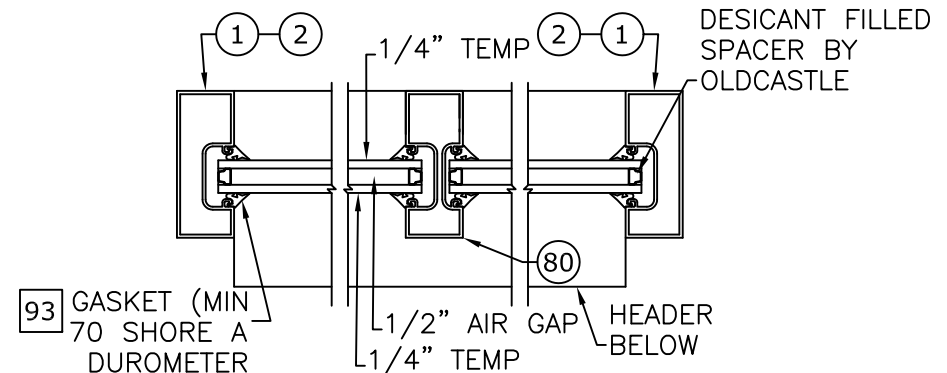
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NTS 1" INSULATED V SECTION BI-PARTING



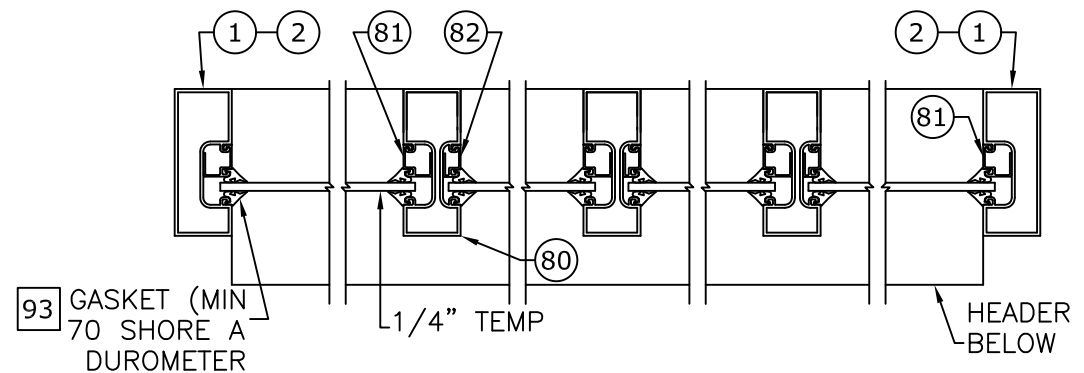
NON-IMPACT TRANSOM GLAZING DETAILS  
NTS 1" INSULATED V SECTION SINGLE SLIDE



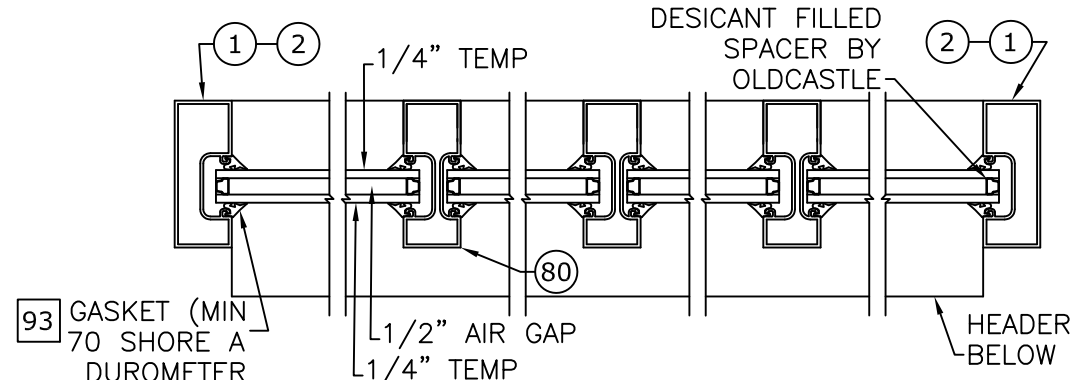
NON-IMPACT TRANSOM GLAZING DETAILS  
NTS 1/4" TEMPERED H SECTION SINGLE SLIDE



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



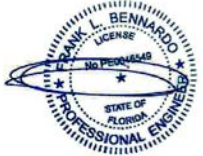
NON-IMPACT TRANSOM GLAZING DETAILS  
NTS 1" INSULATED H SECTION BI-PARTING

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

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# DURA-STORM SERIES 2000/3000 LOCKING ARRANGEMENTS

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

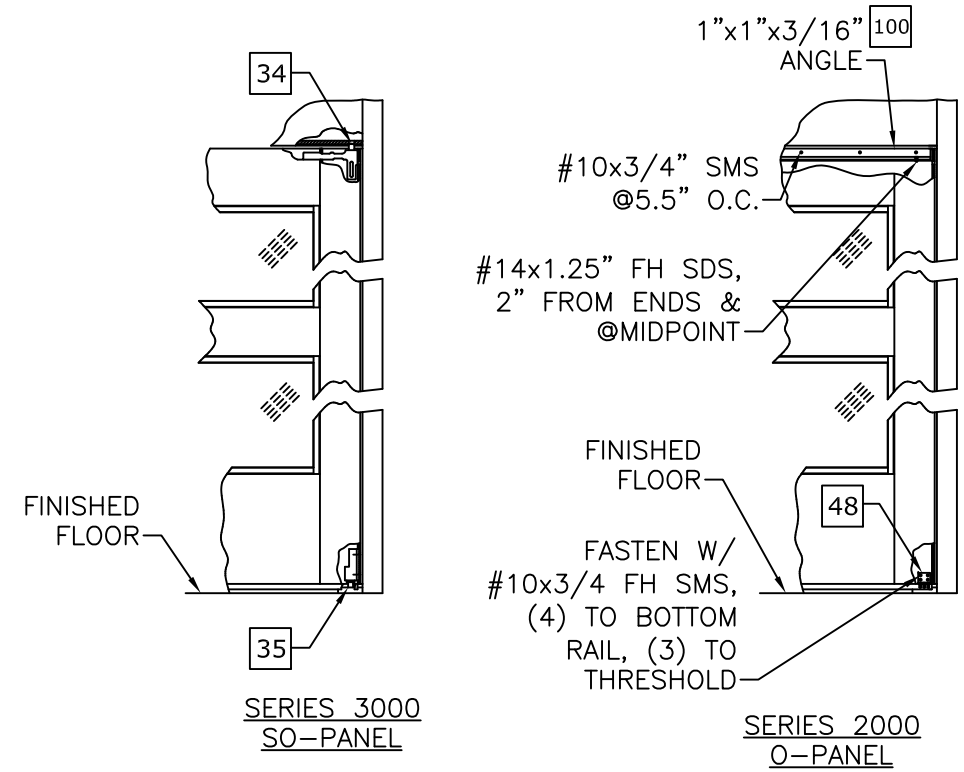
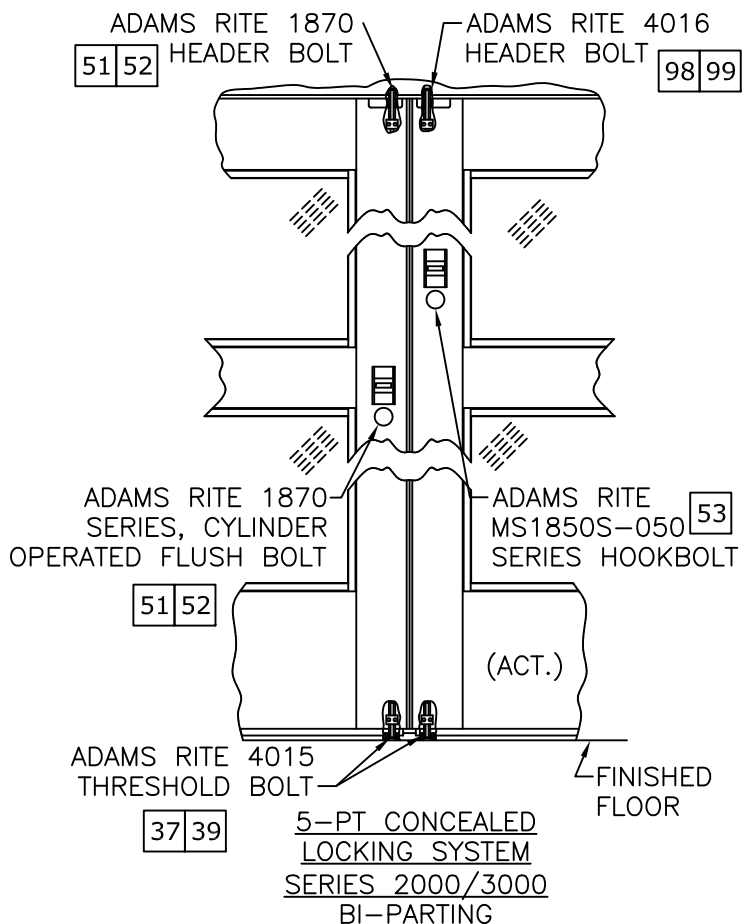
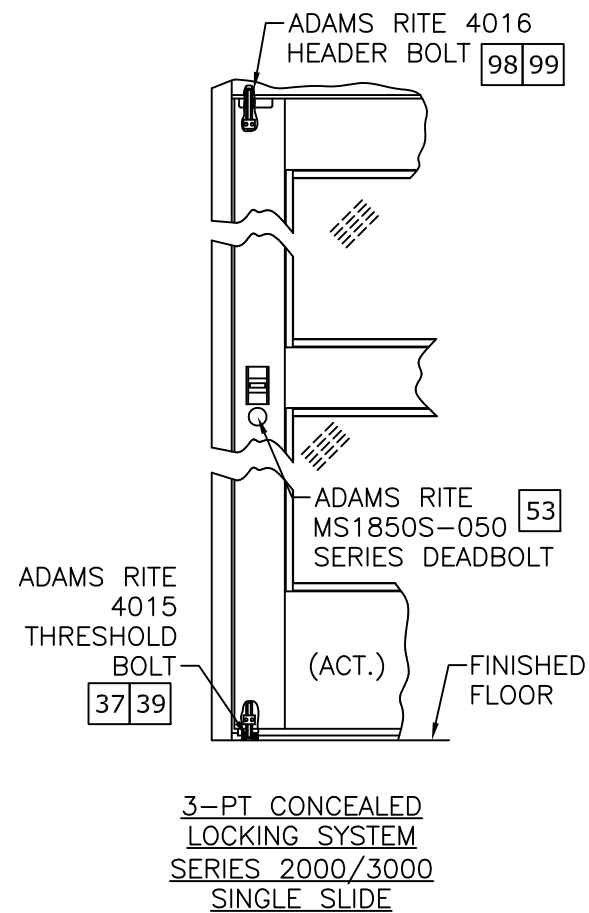
REMARKS	DATE	DRWN	CHKD
REV. FBC 6TH EDITION	08/23/17	JMP	FLB
REV. FBC 7TH EDITION	11/17/20	JEM	AJP

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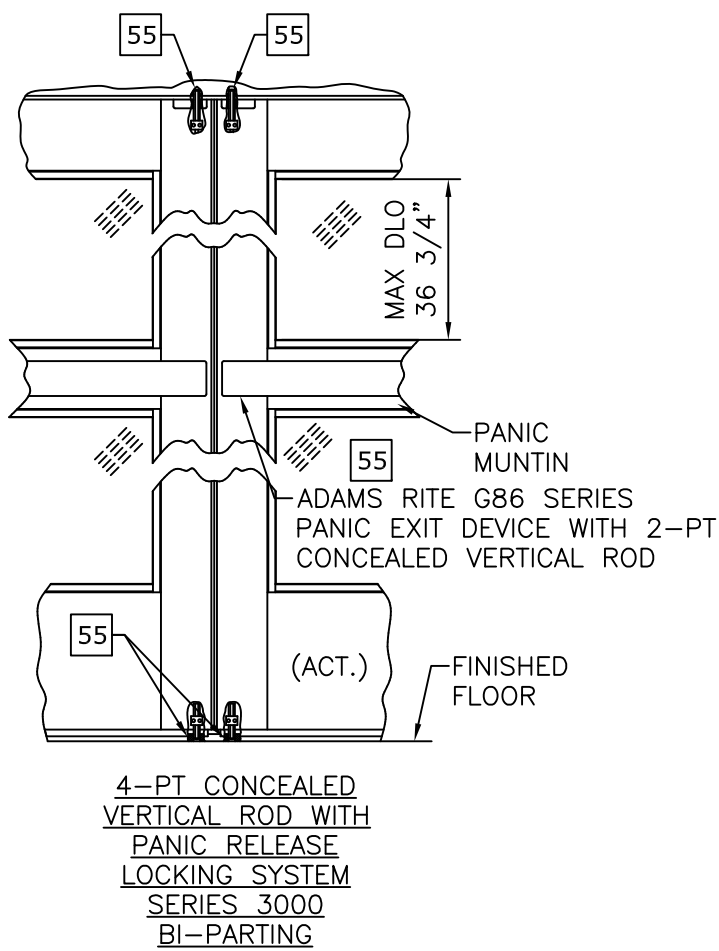
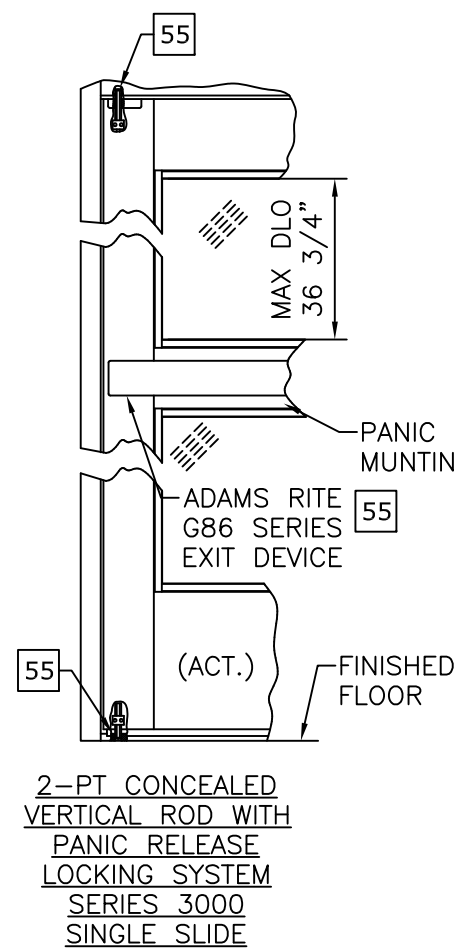
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17 OF 19

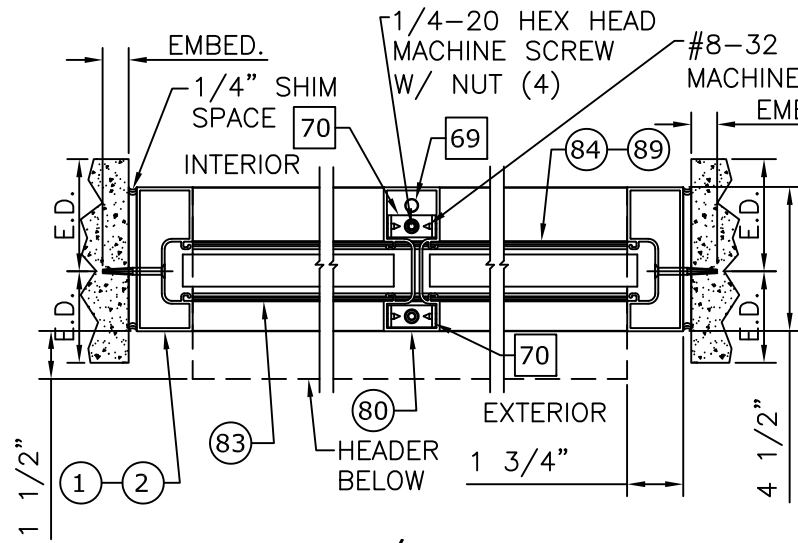


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Miami-Dade Product Control

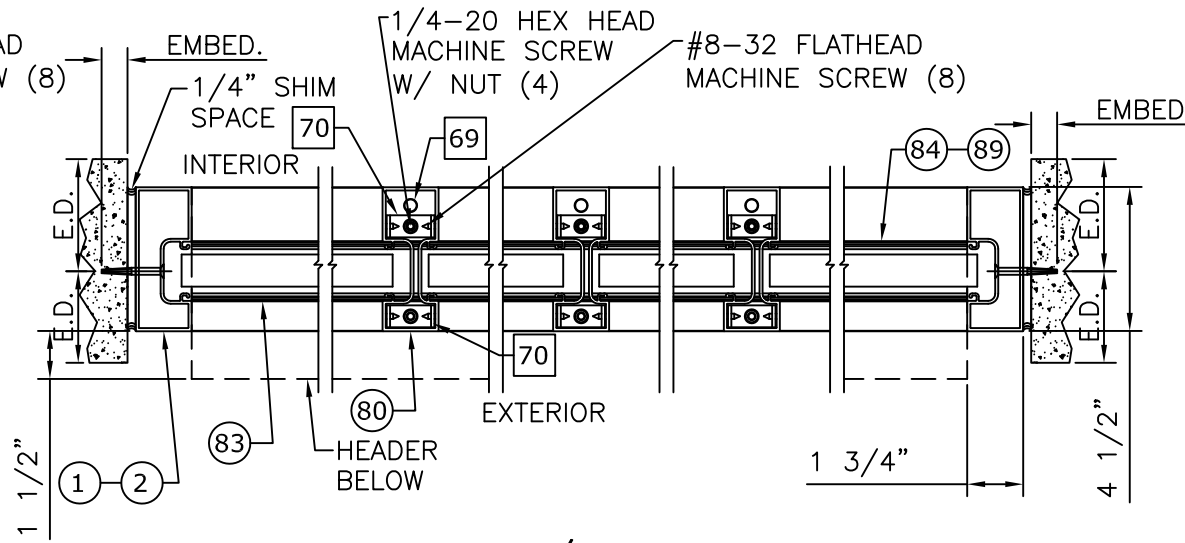


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# DURA-STORM SERIES 2000/3000 HORIZONTAL SECTION AND ANCHORING, TRANSOMS



**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.

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NOA-No. 20-1216.25  
Expiration Date 04/11/2023  
By Ishag I. Lhank  
Miami-Dade Product Control

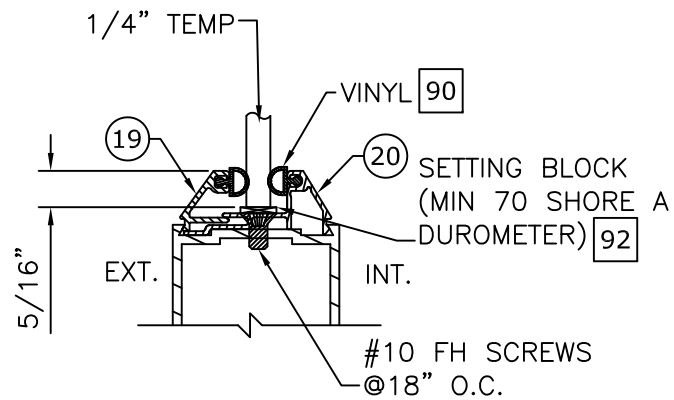


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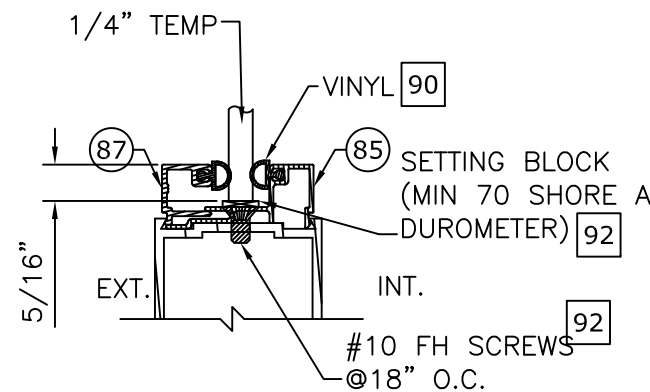
65 SCOTT SWAMP ROAD  
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SERIES "DURA-STORM 2000/3000" AUTO SGD  
BI-PARTING/SINGLE SLIDE (NI)  
MIAMI-DADE NOTICE OF ACCEPTANCE

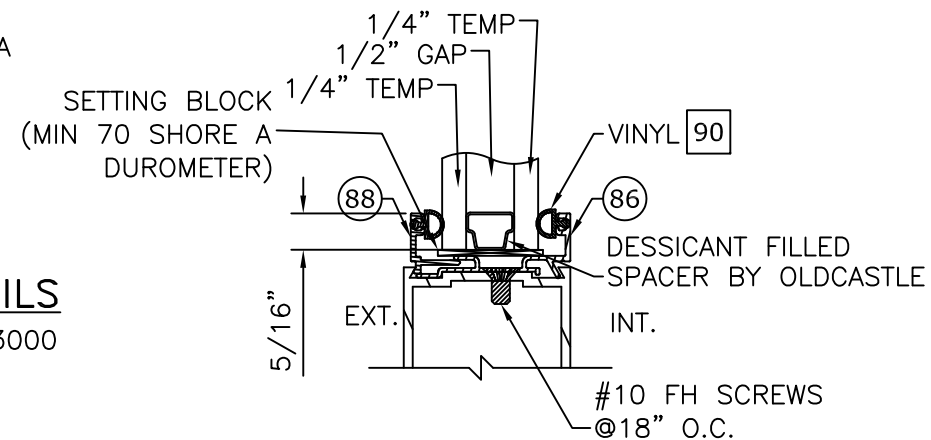
# DURA-STORM SERIES 2000/3000 DOOR PANEL GLAZING DETAILS



**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.



REMARKS	DRWN	CHKD	DATE
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REV. FBC 7TH EDITION	JEM	AJP	11/17/20

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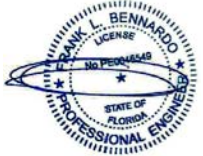
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# DURA-STORM SERIES 2000/3000 BILL OF MATERIALS

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 Building Code  
 NOA-No. 20-1216.25  
 Expiration Date 04/11/2023  
 By Ishaq I. Chanda  
 Miami-Dade Product Control

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



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

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)

**ENGINEERING EXPRESS®**  
 CORPORATE OFFICE:  
 160 SW 12th AVE, SUITE 106  
 DEERFIELD BEACH, FL 33442  
 (954) 354-0660 | (866) 396-9999  
 TEAM@ENGINEERINGEXPRESS.COM  
 ENGINEERINGEXPRESS.COM

65 SCOTT SWAMP ROAD  
 FARMINGTON, CT 06032

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

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

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SCALE: NTS UNLESS NOTED

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