



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

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 3000” Bi-Parting and Single Slide Automatic Sliding Glass Door
Level E (80 ft/s) - HVHZ**

APPROVAL DOCUMENT: Drawing No. **23-67901** titled **Series “DURA-STORM 3000” Bi-Parting and Single Slide Automatic SGD LMI (Missile Level E)** sheets 1 through 15 of 15, dated 11/13/2023, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Impact Resistant

Limitations:

1. Max panel widths not to exceed per sheet 1 (So-Sx-Sx-So) and (Sx-So).
2. 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", 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 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Sifang Zhao, P.E.**



S.Z.
02/22/2024

NOA No. 23-0531.01
Expiration Date: February 22, 2029
Approval Date: February 22, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **23-67901** titled **Series “DURA-STORM 3000” Bi-Parting and Single Slide Automatic SGD LMI (Missile Level E)** sheets 1 through 15 of 15, dated 11/13/2023, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94 (**0.59** cfm/ft² @**1.57** PSF)
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94 (Not conducted)
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94 (FTL-6803)
along with installation diagram of aluminum automatic sliding glass doors (So-Sx-Sx-So) and (Sx-So), prepared by QAI Laboratories, Test Report No. **12870** dated 12/20/2022, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **21-0324.06** issued to Kuraray America, Inc. for the “**Sentry Glass ® Interlayer**”, expiring on 07/04/24.
2. Notice of Acceptance No. **22-0809.04** issued to SAF-GLASS LLC for the “**SAF-GLASS Polycarbonate Glass Interlayer**”, expiring on 12/16/2027.

F. STATEMENTS

1. Statement letter of conformance to **FBC 2023** (8th Edition), dated 12/01/2023, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.
2. Statement letter of “No financial interest”, dated 12/01/2023, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.
3. Lab compliance, prepared by QAI Laboratories, part of Test Report No. **12870** dated 12/20/2022, signed and sealed by Idalmis Ortega, P.E.

G. OTHER

1. None.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-0531.01
Expiration Date: February 22, 2029
Approval Date: February 22, 2024

DURA-STORM SERIES 3000 AUTO SLIDING GLASS DOOR - MISSILE LEVEL "E" - HVHZ

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

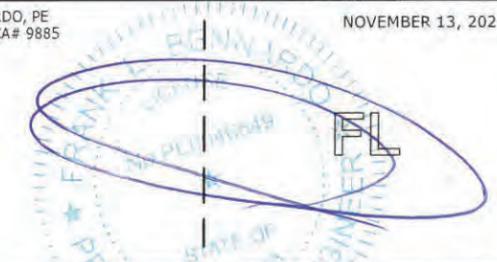
NOVEMBER 13, 2023

PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 23-0531.01

Approval Date 02/22/2029

By 
Miami-Dade Product Control



NOA# 23-0531.01

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

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

ALLEGION
BI-PART & SINGLE SLIDE AUTOMATIC SGD LMT (MISSILE LEVEL E)
MIAMI DADE PRODUCT APPROVAL

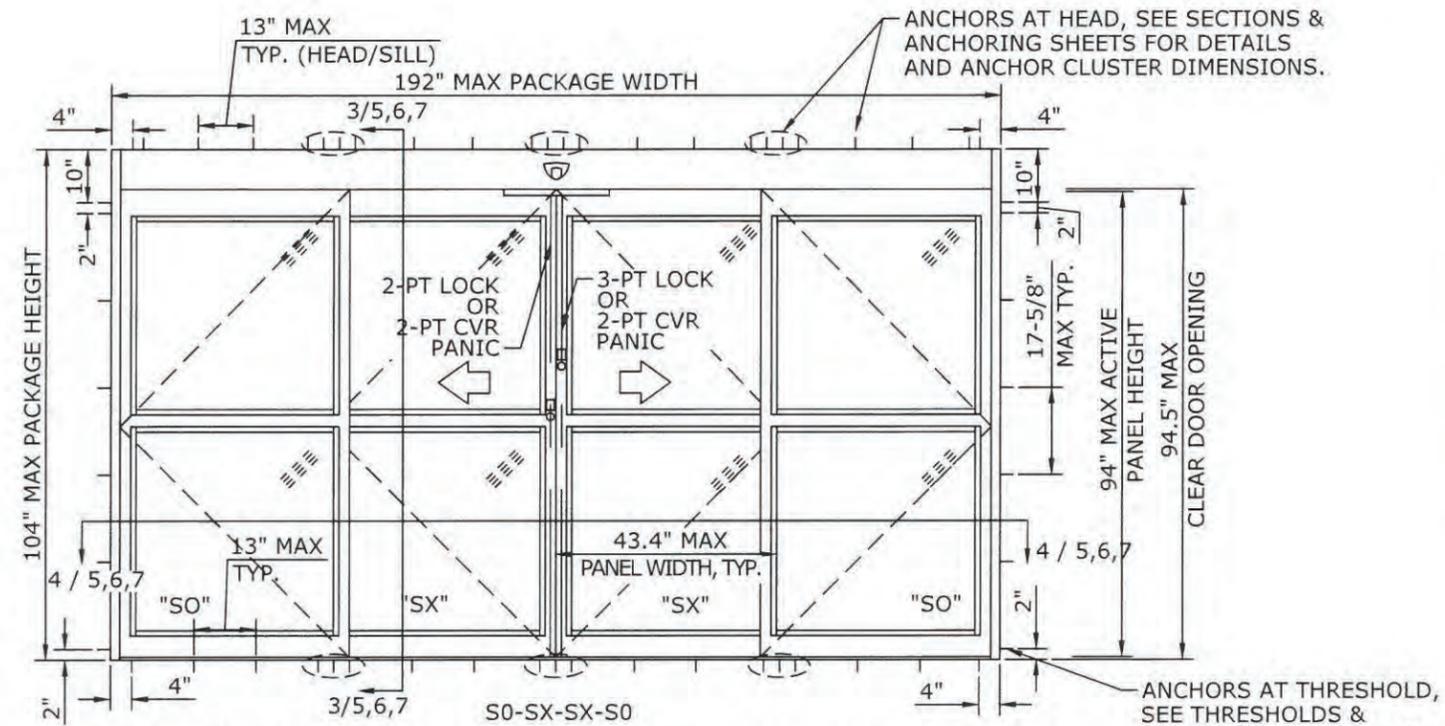
DATE	DRWN	CHKD	DATE
11/13/23	SQ	RS	

COPYRIGHT ENGINEERING EXPRESS®

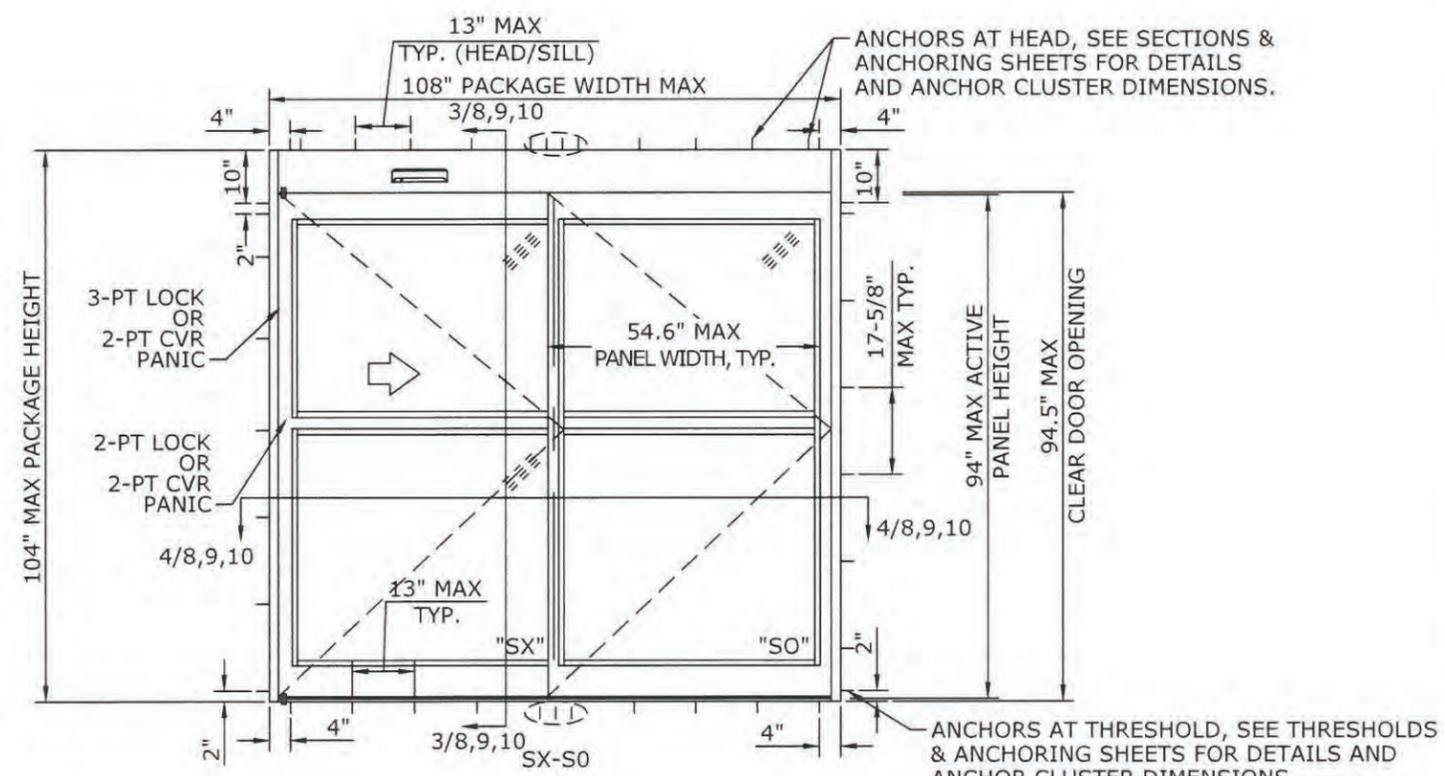
23-67901

SCALE: NTS UNLESS NOTED

01 OF 15



DURA-STORM 3000 TYPICAL BI-PART ELEVATIONS



DURA-STORM 3000 TYPICAL SINGLE SLIDE ELEVATIONS

GENERAL NOTES:

- DOORS HAVE BEEN TESTED & DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 8TH EDITION (2023) HIGH VELOCITY HURRICANE ZONE (HVHZ) AND MIAMI-DADE COUNTY PROTOCOLS TAS 201 FOR LARGE MISSILE IMPACT LEVEL E (RISK CATEGORY IV, 80 FT/S), TAS 202 FOR UNIFORM STATIC AIR PRESSURE AND TAS 203 FOR CYCLIC WIND LOADING.
- EOR/GC 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 7-16 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 REPORT 12870
- 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.
- 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.
- PRODUCT SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER SYSTEM CONTAINING THE FOLLOWING:
ALLEGION ACCESS TECHNOLOGIES
FARMINGTON, CT
SERIES 3000 AUTO SLIDING GLASS DOOR
TAS 201 / TAS 202 / TAS 203 - MISSILE LEVEL E
NOA #23-0531.01

SYSTEM NOTES:

- SYSTEM NOTES
- ALL ALUMINUM PARTS SHALL BE 6063-T6 ALUMINUM ALLOY AND TEMPER, UNLESS OTHERWISE NOTED.
 - GLAZING 5/8" LAMINATED, IMPACT RATED (SEE GLAZING SHEET 12)
 - CORNER PANEL CONSTRUCTION: PANEL CORNERS ARE BUTT JOINED, SECURED WITH FULL WIDTH 5/16" THREADED TIE RODS AT TOP RAIL, AND BOTTOM RAIL. ALL JOINTS ARE WELDED.
 - 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.
 - THRESHOLDS: ALL THRESHOLDS ARE CONTINUOUS; "UNIVERSAL" TYPE WITH STANDARD CORE SECTION FOR ALL CONFIGURATIONS OF DOORS. EXTERIOR OR INTERIOR RAMPS MAY BE ADDED WITHOUT IMPACT TO PERFORMANCE OF THE OVERALL DOOR SYSTEM.
 - BOTTOM RAILS: NOMINAL 4"; OPTIONAL 10". 4" AND 10" ARE ONE-PIECE EXTRUSIONS.
 - MUNTINS:
 - 3000 SERIES WITH STANDARD PANIC RELEASE, REQUIRES 2" OR 4 1/4" MUNTIN.
 - MUNTIN OPTIONS WITHOUT PANIC INCLUDE, 2", 4 1/4", OR NONE.
 - 2" AND 4 1/4" EXTRUSIONS ARE ONE-PIECE.
 - STILES: NARROW STILES (2", 2-1/8" & 2-5/8" WIDE) ARE BASIS FOR TESTING FOR ALL DOORS. MEDIUM STILES (3 1/2" WIDE) CONSIDERED EQUIVALENT TO OR BETTER THAN NARROW STILES.
 - ALLOWED SUBSTRATES
WOOD, G = 0.55 MIN. (TESTED SUBSTRATE)
CONCRETE, 3 KSI MIN.
STEEL (TESTED AT HEAD), A36 1/8" MIN. THICKNESS
ALUMINUM, 6063-T5, 1/8" MIN. THICKNESS

**MAXIMUM ALLOWABLE
DESIGN PRESSURES**
WITH PANIC RELEASE LOCKING: 80 PSF
WITH MORTISED DEADLOCK: 80 PSF

DURA-STORM SERIES 3000 ELEVATION AND PLAN

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

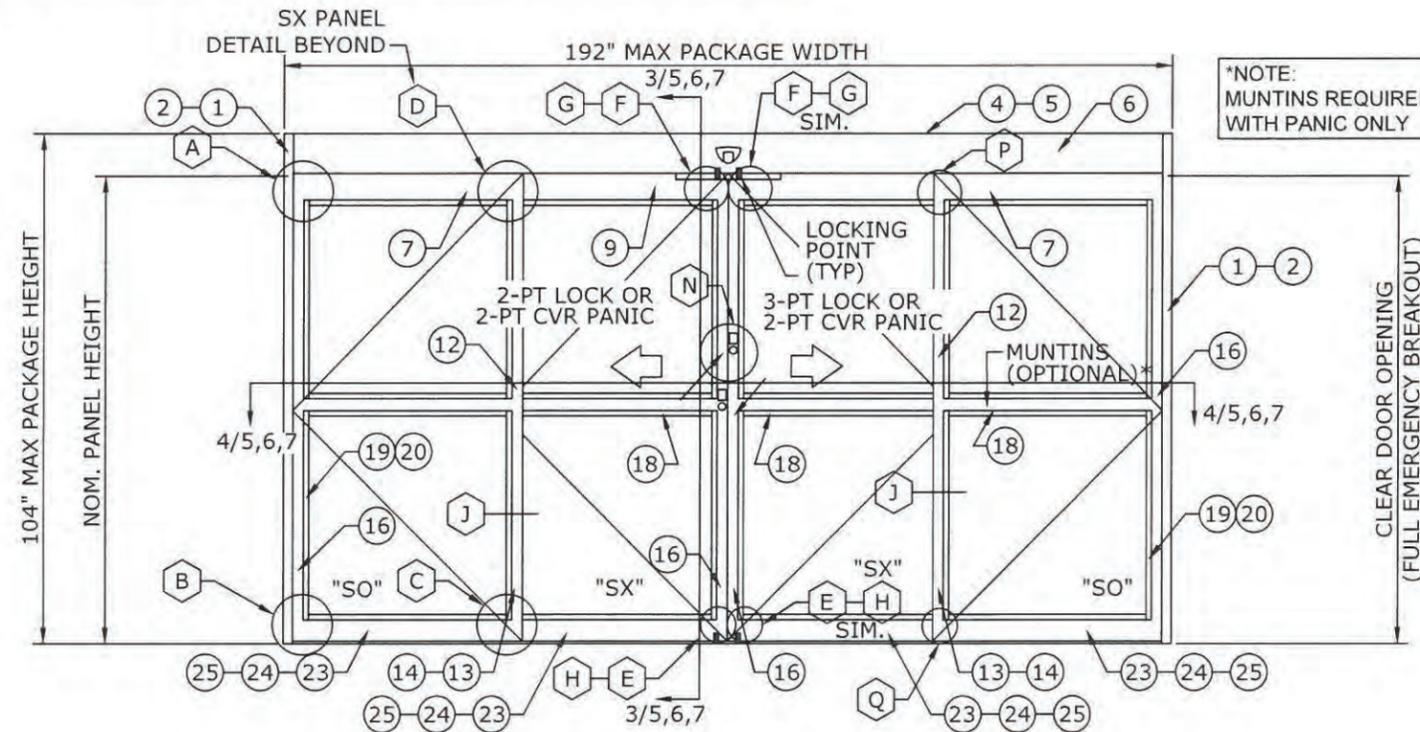
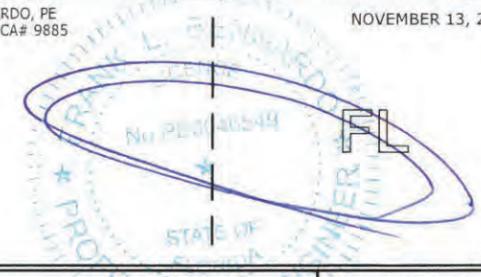
NOVEMBER 13, 2023

PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 23-0531.01

Approval Date 02/22/2029

By *[Signature]*
Miami-Dade Product Control



*NOTE:
MUNTINS REQUIRED
WITH PANIC ONLY

DESIGN RATINGS		
MISSILE IMPACT RATING		
<input checked="" type="checkbox"/>	LARGE MISSILE IMPACT	
<input checked="" type="checkbox"/>	RISK CATEGORY IV, 80 FT/S, "LEVEL E"	
DESIGN PRESSURE RATING (PSF[Pa])		
	WHERE WATER INFILTRATION RATING IS REQUIRED	WHERE WATER INFILTRATION RATING IS NOT REQUIRED
POSITIVE	NOT APPROVED	+80 PSF
NEGATIVE	NOT APPROVED	-80 PSF

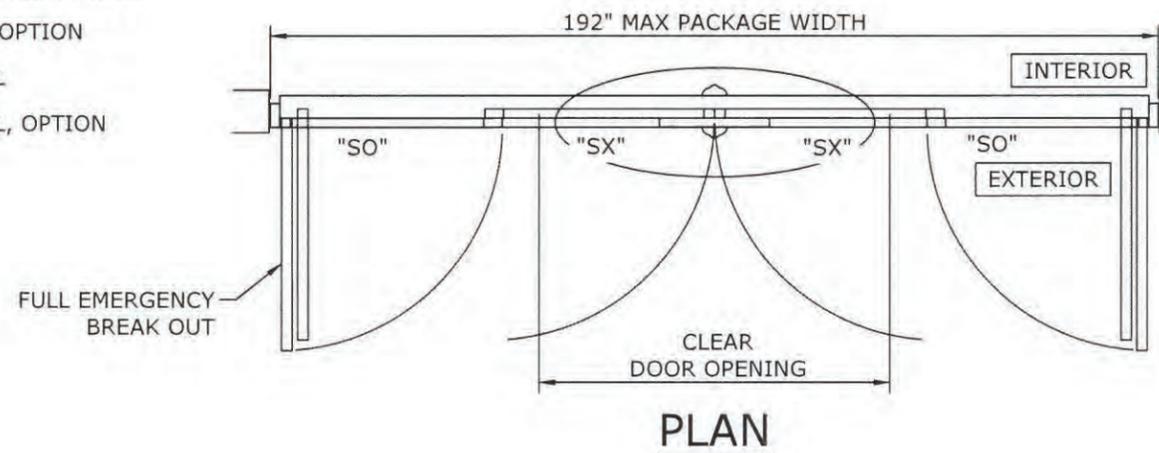
SERIES 3000 BI-PART AVAILABLE PACKAGE WIDTH INFORMATION						
PACKAGE WIDTH	ROUGH OPENING	STILE TYPE	NOMINAL CLEAR DOOR OPENING	NOMINAL PANEL WIDTH (SX)	NOMINAL PANEL WIDTH (SO)	CAULKING ALLOWANCE
192.0"	192.5"	NARROW	82.55"	48.5"	48.1"	1/4" / SIDE
192.0"	192.5"	MEDIUM	78.25"	49.4"	49.4"	1/4" / SIDE

SERIES 2000 BI-PART AVAILABLE PACKAGE HEIGHT INFORMATION			
PACKAGE HEIGHT	ROUGH OPENING	NOMINAL CLEAR DOOR OPENING	CAULKING ALLOWANCE
104.0"	104.5"	94.5"	1/2" TOP

NOTE: MAX DLO FOR ALL BI-PART SX, SO & O = 41.4"

- (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

EXTERIOR ELEVATION



PLAN

NOTES:

- TYPICAL DOOR SHOWN. RAIL OPTIONS AVAILABLE AS INDICATED. NARROW STILES ARE BASIS FOR TESTING FOR ALL DOORS. MEDIUM STILES CONSIDERED EQUIVALENT TO OR BETTER THAN NARROW STILES.
- HORIZONTAL MUNTIN BAR REQUIRED WITH PANIC, NOT REQUIRED WITH MORTISED LOCKING.
- 5-POINT LOCKING STANDARD (3-PT ACTIVE & 2-PT ACTIVE).
- PRODUCT SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH PRODUCT APPROVALS.
- SEE SHEETS 5 THROUGH 7 FOR REQUIRED ANCHORAGE.
- SEE SHEET 12 FOR GLAZING DETAILS.

NOA# 23-0531.01

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

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

ALLEGION
BI-PART & SINGLE SLIDE AUTOMATIC SGD LMI (MISSILE LEVEL E)
MIAMI DADE PRODUCT APPROVAL

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

COPYRIGHT ENGINEERING EXPRESS

23-67901

SCALE: NTS UNLESS NOTED

03 OF 15

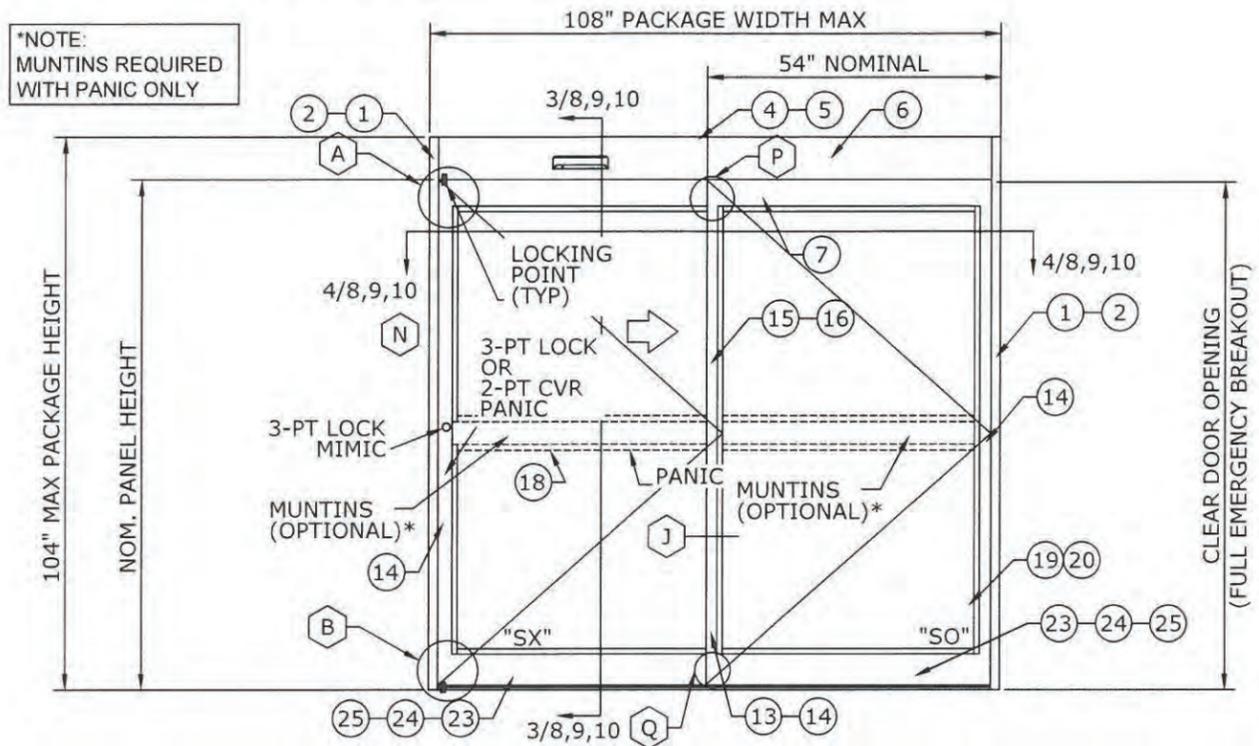
DURA-STORM SERIES 3000 ELEVATION AND PLAN

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

NOVEMBER 13, 2023

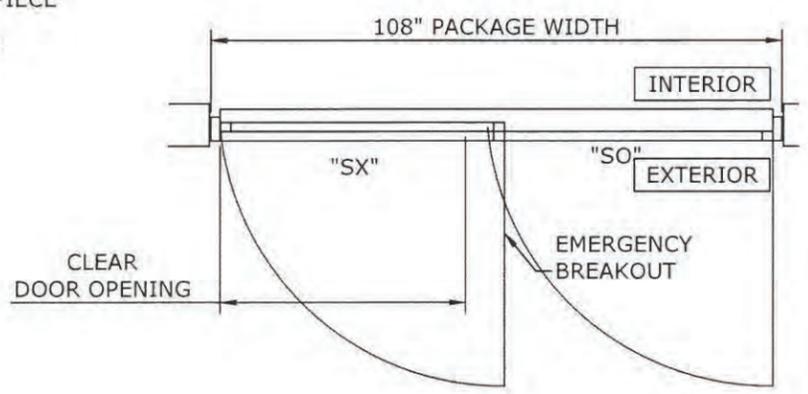
PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0531.01
Approval Date 02/22/2029

By *[Signature]*
Miami-Dade Product Control



EXTERIOR ELEVATION

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



PLAN

- NOTES:**
- TYPICAL DOOR SHOWN. RAIL OPTIONS AVAILABLE AS INDICATED. NARROW STILES ARE BASIS FOR TESTING FOR ALL DOORS. MEDIUM STILES CONSIDERED EQUIVALENT TO OR BETTER THAN NARROW STILES.
 - HORIZONTAL MUNTIN BAR REQUIRED WITH PANIC, NOT REQUIRED WITH MORTISED LOCKING.
 - 5-POINT LOCKING STANDARD (3-PT ACTIVE & 2-PT ACTIVE).
 - PRODUCT SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH PRODUCT APPROVALS.
 - SEE SHEET 8,9 & 10 FOR REQUIRED ANCHORAGE.
 - SEE SHEET 12 FOR GLAZING DETAILS.

DESIGN RATINGS

MISSILE IMPACT RATING		
<input checked="" type="checkbox"/>	LARGE MISSILE IMPACT	
<input checked="" type="checkbox"/>	RISK CATEGORY IV, 80 FT/S, "LEVEL E"	
DESIGN PRESSURE RATING (PSF[Pa])		
	WHERE WATER INFILTRATION RATING IS REQUIRED	WHERE WATER INFILTRATION RATING IS NOT REQUIRED
POSITIVE	NOT APPROVED	+80 PSF
NEGATIVE	NOT APPROVED	-80 PSF

SERIES 3000 SINGLE SLIDE AVAILABLE PACKAGE WIDTH INFORMATION

PACKAGE WIDTH	ROUGH OPENING	STILE TYPE	NOMINAL CLEAR DOOR OPENING	NOMINAL PANEL WIDTH (SX)	NOMINAL PANEL WIDTH (SO)	CAULKING ALLOWANCE
108.0"	108.5"	NARROW	46.5"	53.6"	53.3"	1/4" / SIDE
108.0"	108.5"	MEDIUM	44.3"	54.5"	54.5"	1/4" / SIDE

SERIES 2000 AND 3000 SINGLE SLIDE AVAILABLE PACKAGE HEIGHT INFORMATION

PACKAGE HEIGHT	ROUGH OPENING	NOMINAL CLEAR DOOR OPENING	CAULKING ALLOWANCE
104.0"	104.5"	94.5"	1/2" TOP

NOTE: MAX DLO FOR ALL BI-PART SX, SO & O = 46.5"

NOA# 23-0531.01

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

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



SERIES "DURA-STORM 3000"
BI-PART & SINGLE SLIDE AUTOMATIC SGD LMT (MISSILE LEVEL E)
MIAMI DADE PRODUCT APPROVAL

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

COPYRIGHT ENGINEERING EXPRESS®

23-67901

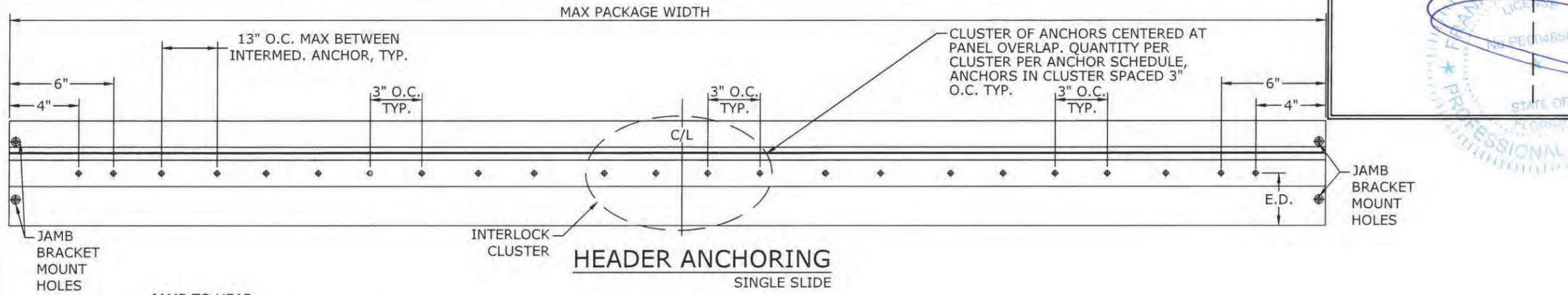
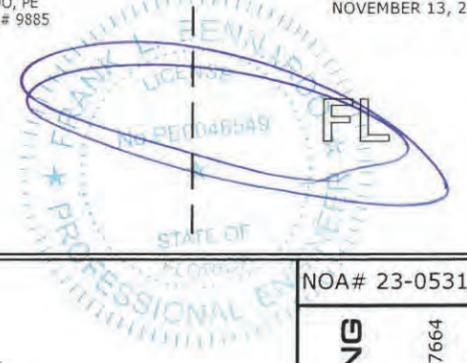
SCALE: NTS UNLESS NOTED

04 OF 15

DURA-STORM SERIES 3000 SECTIONS & ANCHORING, STANDARD 5-PT LOCKS

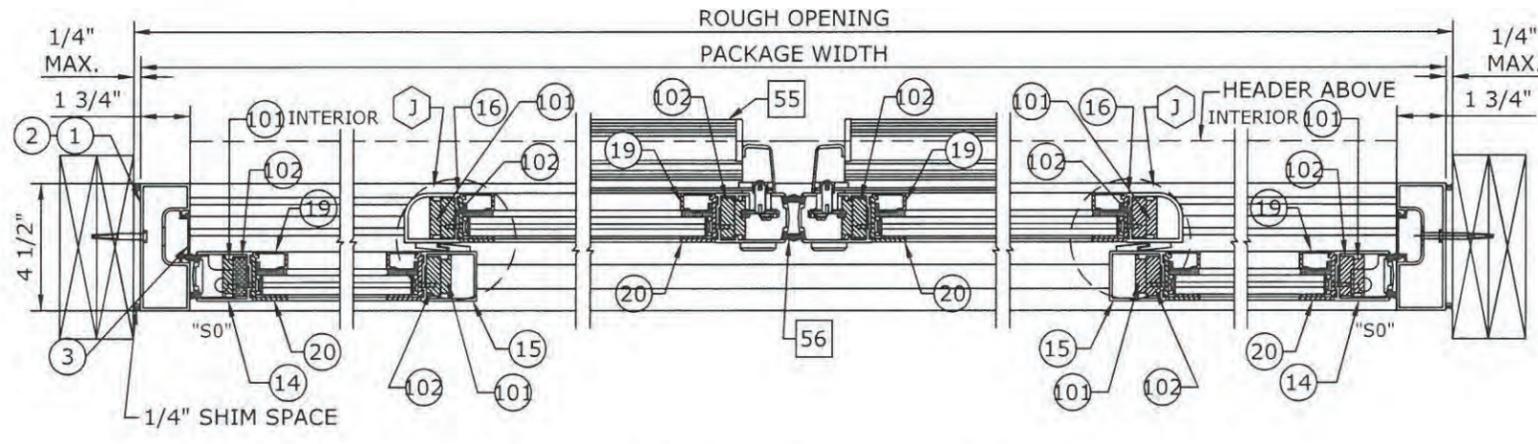
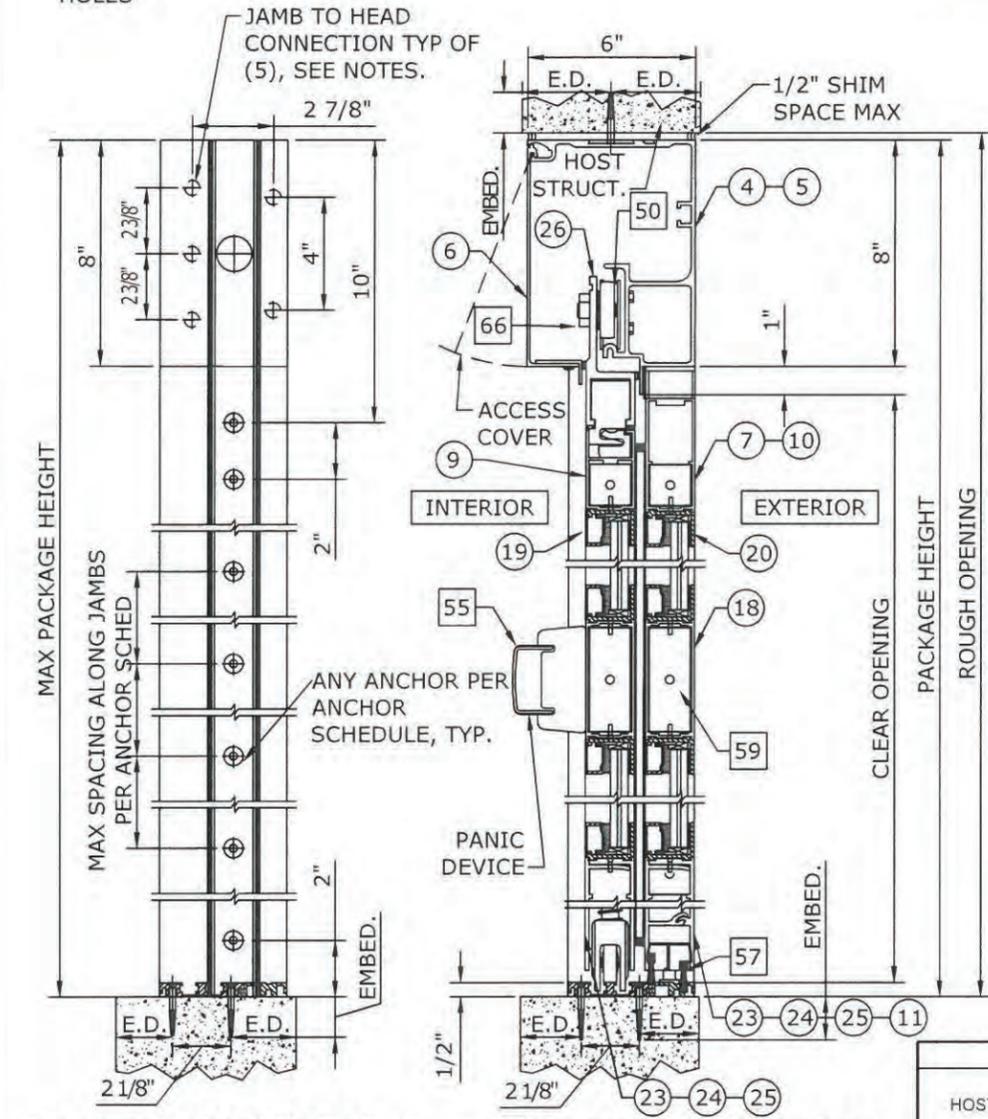
FRANK BENNARDO, PE
PE# 0046549 CA# 9885

NOVEMBER 13, 2023



NOA# 23-0531.01

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



4 HORIZONTAL SECTION
2" = 1'-0" BI-PARTING

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 23-0531.01
Approval Date 02/22/2029
By *[Signature]*
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

- NOTE:**
OPTIONAL SUBSTRATES AT JAMB CONDITIONS INCLUDE
- CONCRETE (3 KSI. MIN.)
 - HOLLOW OR GROUT FILLED CMU (ASTM C90 MIN.)
 - STEEL (A 36 KSI, 1/8" THICK MIN.)
 - ALUMINUM (6063-T5, 1/8" THICK MIN.)
 - 16 GA. MIN. METAL STUDS (45 KSI. MIN.) WITH WOOD BACKER (SYP#2, SG= 0.55 MIN.)
 - WOOD (SYP#2, SG= 0.55 MIN.)

- NOTES:**
1. SEE THRESHOLD ANCHORS SHEET 11. APPLICABLE TO 3 KSI CONCRETE ONLY.
 2. JAMB TO HEAD CONNECTION FASTENERS; 5/16-18 HHMS WITH WASHER.
 3. DEWALT ULTRACON+ IS A DIRECT REPLACEMENT FOR POWERS TAPPER+

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		
3KSI MIN. CONCRETE	1/4" POWERS/RAWL PERMASEAL TAPPER 3*	1-1/2"	3"	4	6	13" O.C. MAX	17-5/8" O.C. MAX
1/8" MIN. A36 STEEL	1/4-20 SAE GR. 5 SMS OR #14 SAE GR. 5	FULL THREAD ENGAGEMENT	1/2"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX
G=0.55 MIN. WOOD	#14 SMS SCREW	1-1/2"	3/4"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX
0.125" MIN. 6063-T5 ALUM.	#14 SAE GR. 5 SDS	FULL THREAD ENGAGEMENT	1/2"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX

FRAME ANCHORING
N.T.S.

3 VERTICAL SECTION
2" = 1'-0"

ALLEGION ACCESS TECHNOLOGIES, LLC
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032
SERIES "DURA-STORM 3000"
BI-PART & SINGLE SLIDE AUTOMATIC SGD LMT (MISSILE LEVEL E)
MIAMI DADE PRODUCT APPROVAL

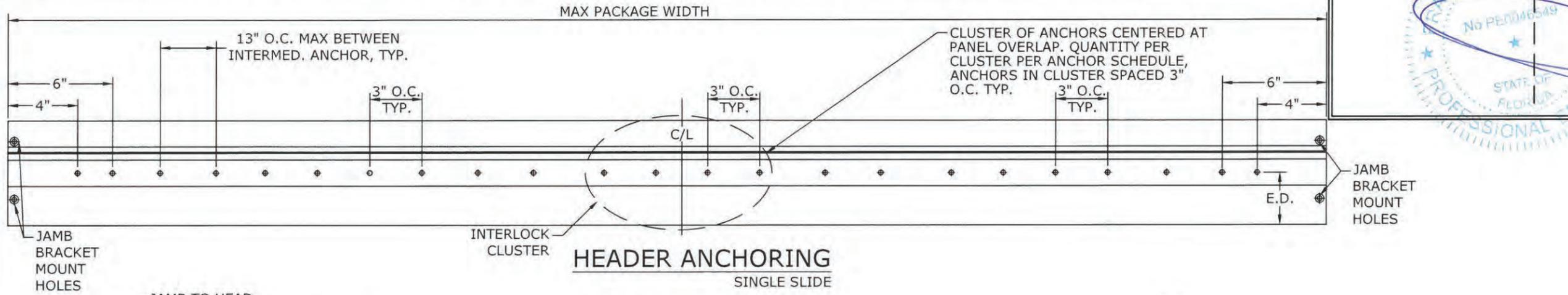
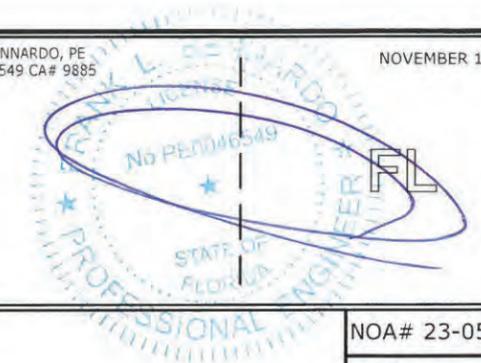
DATE	DRWN	CHKD	RS	SO	REMARKS
11/13/23					INIT ISSUE

COPYRIGHT ENGINEERING EXPRESS®
23-67901
SCALE: NTS UNLESS NOTED

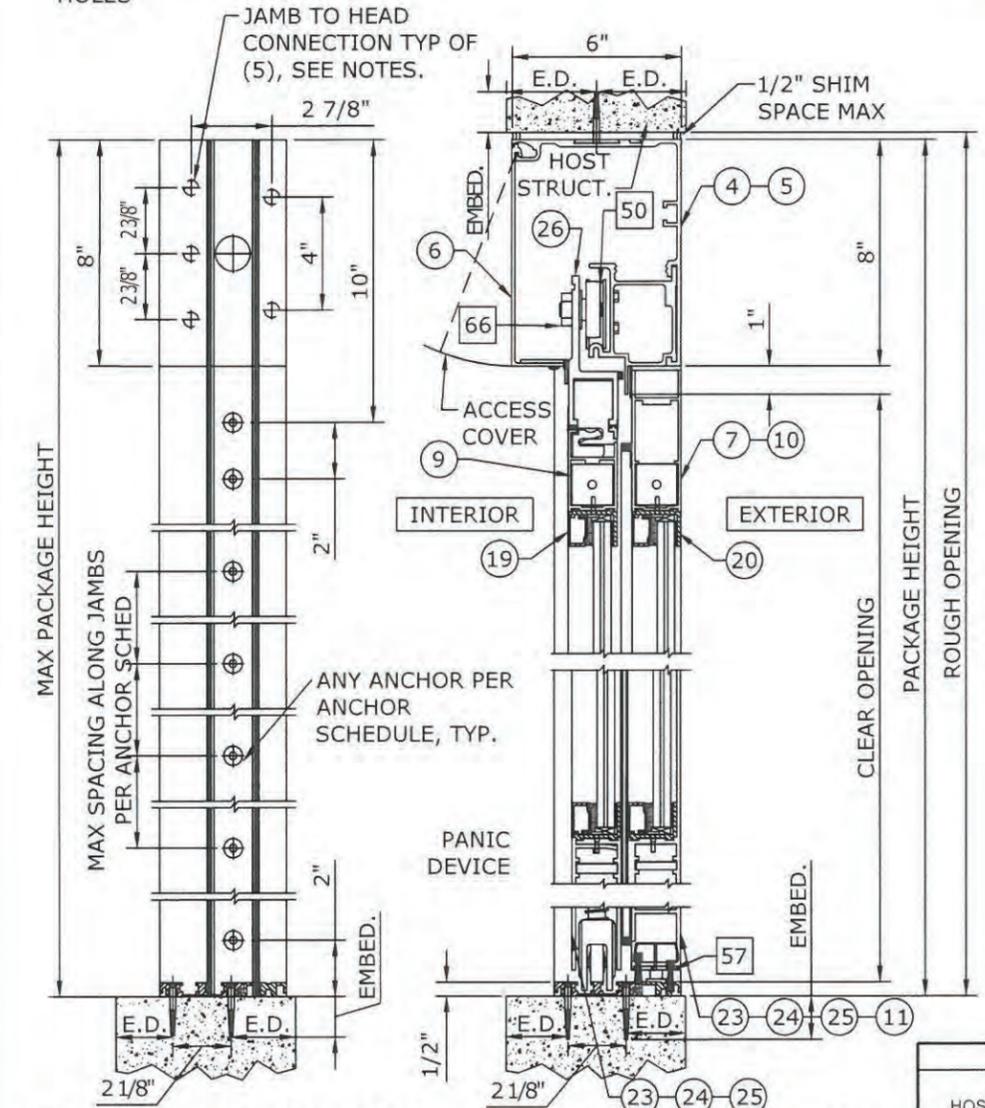
DURA-STORM SERIES 3000 SECTIONS & ANCHORING, STANDARD 5-PT LOCKS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

NOVEMBER 13, 2023

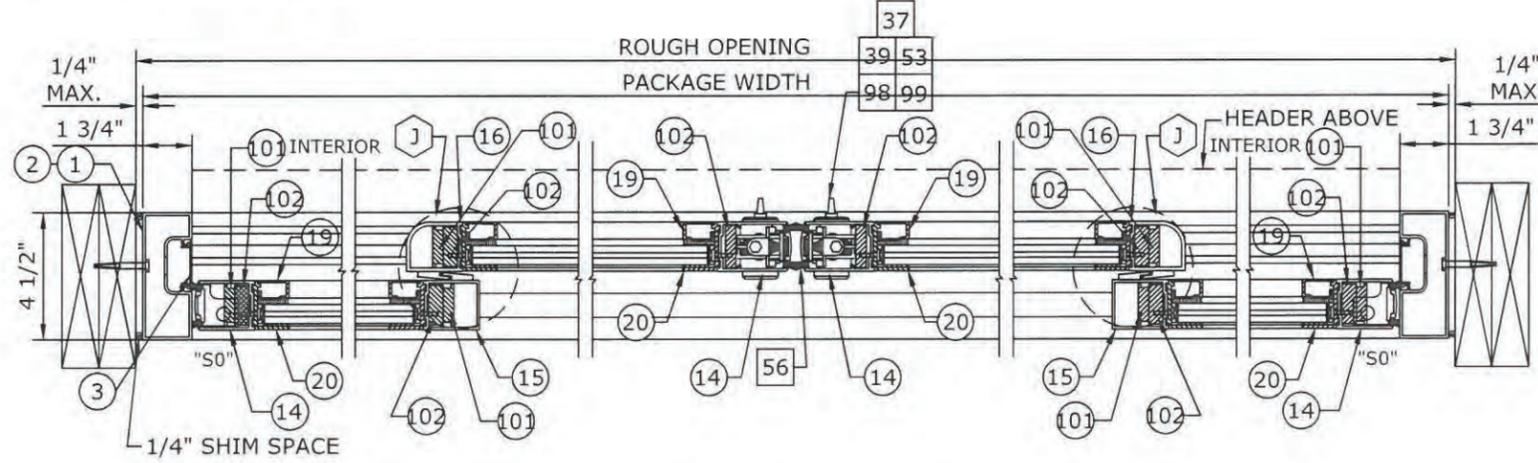


HEADER ANCHORING
SINGLE SLIDE



FRAME ANCHORING
N.T.S.

3 VERTICAL SECTION
2"=1'-0"



4 HORIZONTAL SECTION
2"=1'-0" BI-PARTING

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

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 23-0531.01
Approval Date 02/22/2029
By Miami-Dade Product Control

- NOTE:**
OPTIONAL SUBSTRATES AT JAMB CONDITIONS INCLUDE
- CONCRETE (3 KSI. MIN.)
 - HOLLOW OR GROUT FILLED CMU (ASTM C90 MIN.)
 - STEEL (A 36 KSI, 1/8" THICK MIN.)
 - ALUMINUM (6063-T5, 1/8" THICK MIN.)
 - 16 GA. MIN. METAL STUDS (45 KSI. MIN.) WITH WOOD BACKER (SYP#2, SG= 0.55 MIN.)
 - WOOD (SYP#2, SG= 0.55 MIN.)

- NOTES:**
1. SEE THRESHOLD ANCHORS SHEET 11. APPLICABLE TO 3 KSI CONCRETE ONLY.
 2. JAMB TO HEAD CONNECTION FASTENERS; 5/16-18 HHMS WITH WASHER.
 3. DEWALT ULTRACON+ IS A DIRECT REPLACEMENT FOR POWERS TAPPER+

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		
3KSI MIN. CONCRETE	1/4" POWERS/RAWL PERMASEAL TAPPER 3*	1-1/2"	3"	4	6	13" O.C. MAX	17-5/8" O.C. MAX
1/8" MIN. A36 STEEL	1/4-20 SAE GR. 5 SMS OR #14 SAE GR. 5	FULL THREAD ENGAGEMENT	1/2"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX
G=0.55 MIN. WOOD	#14 SMS SCREW	1-1/2"	3/4"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX
0.125" MIN. 6063-T5 ALUM.	#14 SAE GR. 5 SDS	FULL THREAD ENGAGEMENT	1/2"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX

NOA# 23-0531.01

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

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

ALLEGION
SERIES "DURA-STORM 3000"
BI-PART & SINGLE SLIDE AUTOMATIC SGD LMT (MISSILE LEVEL E)
MIAMI DADE PRODUCT APPROVAL

DATE	DRWN	CHKD	RS	SO	REVISION
11/13/23					

COPYRIGHT ENGINEERING EXPRESS®
23-67901

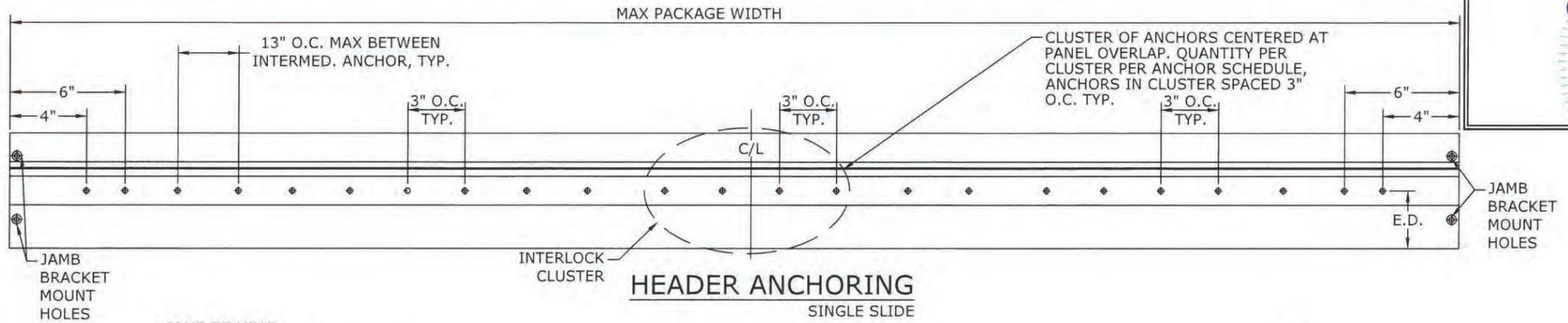
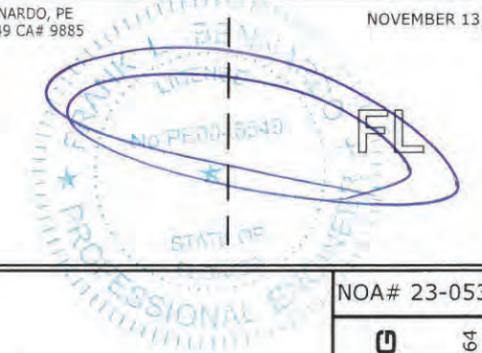
SCALE: NTS UNLESS NOTED

06 OF 15

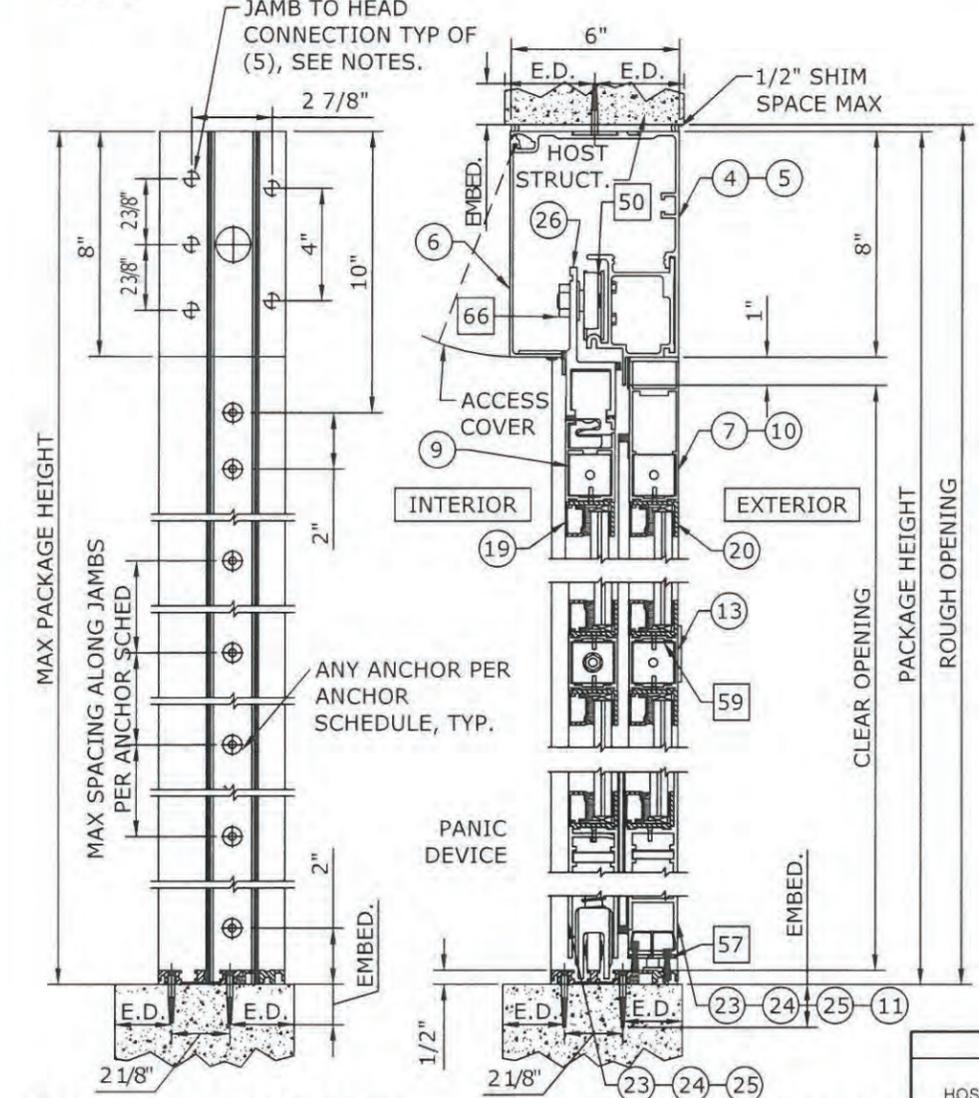
DURA-STORM SERIES 3000 SECTIONS & ANCHORING, STANDARD 5-PT LOCKS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

NOVEMBER 13, 2023

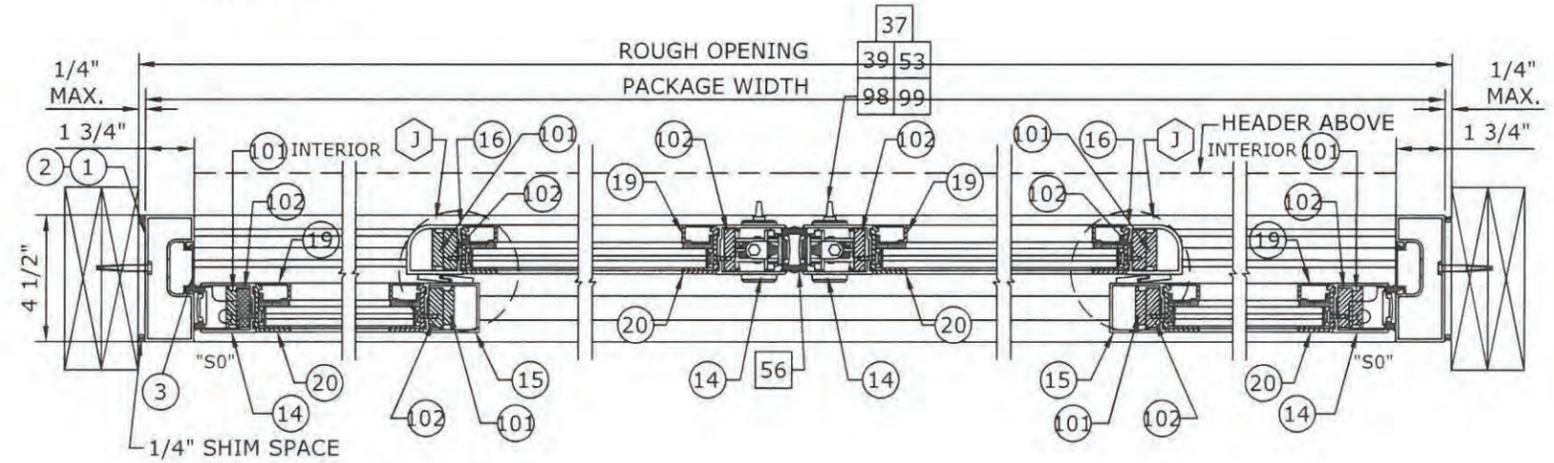


HEADER ANCHORING
SINGLE SLIDE



FRAME ANCHORING
N.T.S.

3 VERTICAL SECTION
2"=1'-0"



4 HORIZONTAL SECTION
2"=1'-0" BI-PARTING

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

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 23-0531.01
Approval Date 02/22/2029
By Miami-Dade Product Control

- NOTE:**
OPTIONAL SUBSTRATES AT JAMB CONDITIONS INCLUDE
- CONCRETE (3 KSI. MIN.)
 - HOLLOW OR GROUT FILLED CMU (ASTM C90 MIN.)
 - STEEL (A 36 KSI, 1/8" THICK MIN.)
 - ALUMINUM (6063-T5, 1/8" THICK MIN.)
 - 16 GA. MIN. METAL STUDS (45 KSI. MIN.) WITH WOOD BACKER (SYP#2, SG= 0.55 MIN.)
 - WOOD (SYP#2, SG= 0.55 MIN.)

- NOTES:**
1. SEE THRESHOLD ANCHORS SHEET 11. APPLICABLE TO 3 KSI CONCRETE ONLY.
 2. JAMB TO HEAD CONNECTION FASTENERS; 5/16-18 HHMS WITH WASHER.
 3. DEWALT ULTRACON+ IS A DIRECT REPLACEMENT FOR POWERS TAPPER+

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		
3KSI MIN. CONCRETE	1/4" POWERS/RAWL PERMASEAL TAPPER ³⁺	1-1/2"	3"	4	6	13" O.C. MAX	17-5/8" O.C. MAX
1/8" MIN. A36 STEEL	1/4-20 SAE GR. 5 SMS OR #14 SAE GR. 5	FULL THREAD ENGAGEMENT	1/2"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX
G=0.55 MIN. WOOD	#14 SMS SCREW	1-1/2"	3/4"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX
0.125" MIN. 6063-T5 ALUM.	#14 SAE GR. 5 SDS	FULL THREAD ENGAGEMENT	1/2"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX

NOA# 23-0531.01

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

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

ALLEGION
SERIES "DURA-STORM 3000"
BI-PART & SINGLE SLIDE AUTOMATIC SGD LMT (MISSILE LEVEL E)
MIAMI DADE PRODUCT APPROVAL

DATE	DRWN	CHKD	RS	SO	REVISIONS
11/13/23					

COPYRIGHT ENGINEERING EXPRESS®

23-67901

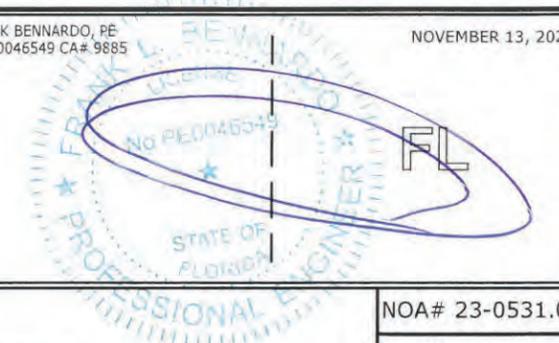
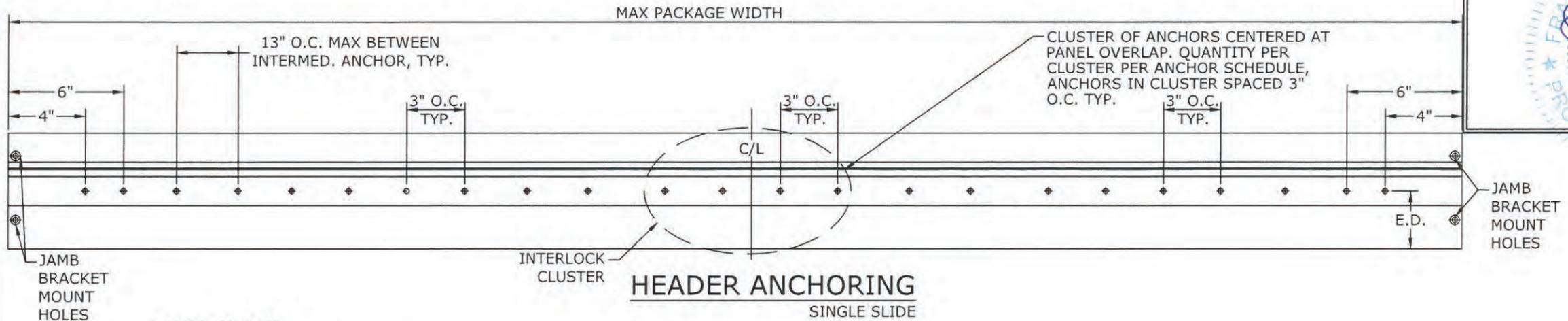
SCALE: NTS UNLESS NOTED

07 OF 15

DURA-STORM SERIES 3000 SECTIONS & ANCHORING, STANDARD 5-PT LOCKS

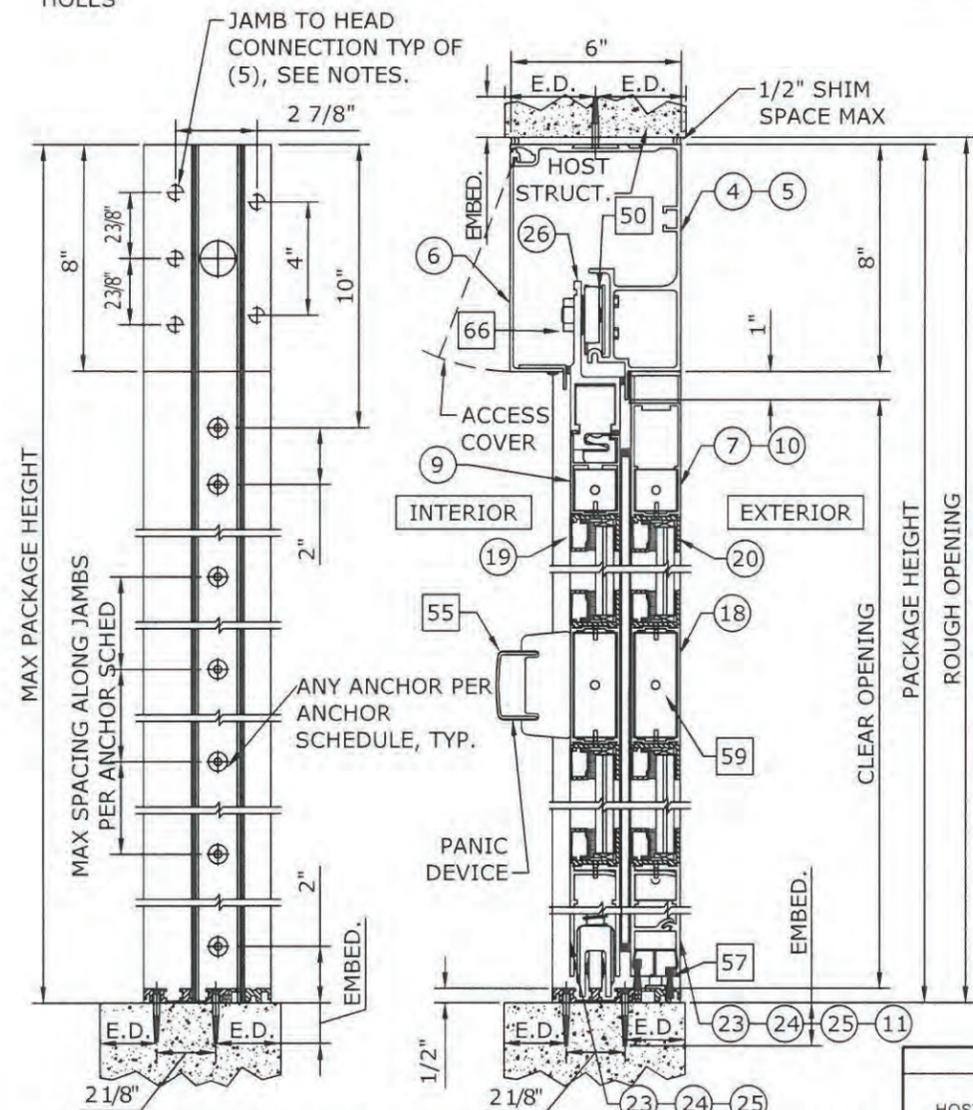
FRANK BENNARDO, PE
PE# 0046549 CA# 9885

NOVEMBER 13, 2023



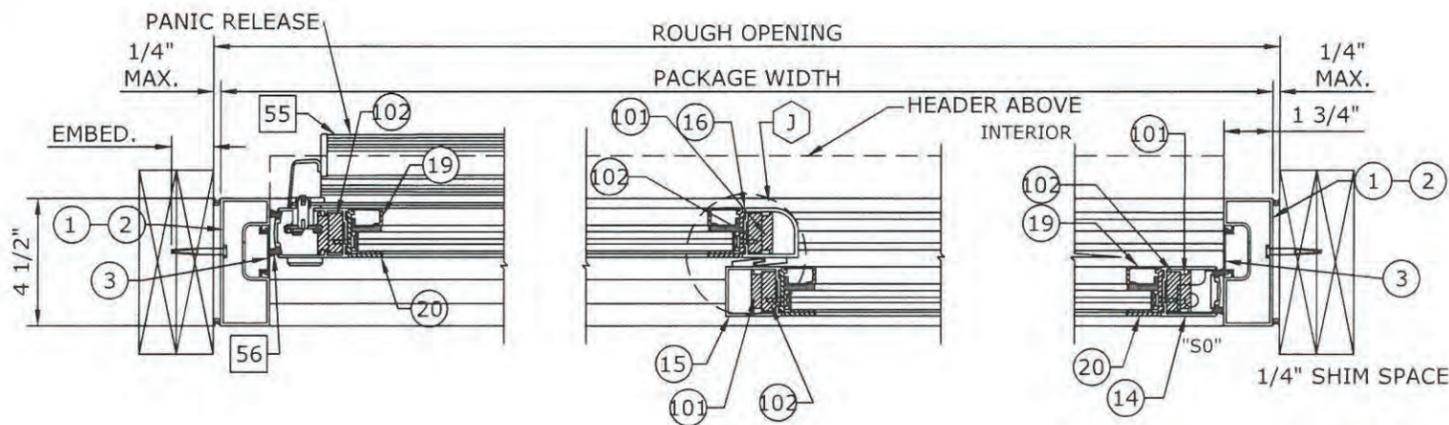
NOA# 23-0531.01

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



FRAME ANCHORING
N.T.S.

3 VERTICAL SECTION
2" = 1'-0"



4 HORIZONTAL SECTION
2" = 1'-0" SINGLE SLIDE

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

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0531.01

Approval Date 02/22/2029

By Miami-Dade Product Control

- NOTE:**
OPTIONAL SUBSTRATES AT JAMB CONDITIONS INCLUDE
- CONCRETE (3 KSI. MIN.)
 - HOLLOW OR GROUT FILLED CMU (ASTM C90 MIN.)
 - STEEL (A 36 KSI, 1/8" THICK MIN.)
 - ALUMINUM (6063-T5, 1/8" THICK MIN.)
 - 16 GA. MIN. METAL STUDS (45 KSI. MIN.) WITH WOOD BACKER (SYP#2, SG= 0.55 MIN.)
 - WOOD (SYP#2, SG= 0.55 MIN.)

- NOTES:**
1. SEE THRESHOLD ANCHORS SHEET 11, APPLICABLE TO 3 KSI CONCRETE ONLY.
 2. JAMB TO HEAD CONNECTION FASTENERS; 5/16-18 HHMS WITH WASHER.
 3. DEWALT ULTRACON+ IS A DIRECT REPLACEMENT FOR POWERS TAPPER+

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

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

ALLEGION
SERIES "DURA-STORM 3000"
BI-PART & SINGLE SLIDE AUTOMATIC SGD LMI (MISSILE LEVEL E)
MIAMI DADE PRODUCT APPROVAL

DRWN	CHKD	DATE
RS		11/13/23
SQ		

COPYRIGHT ENGINEERING EXPRESS®

23-67901

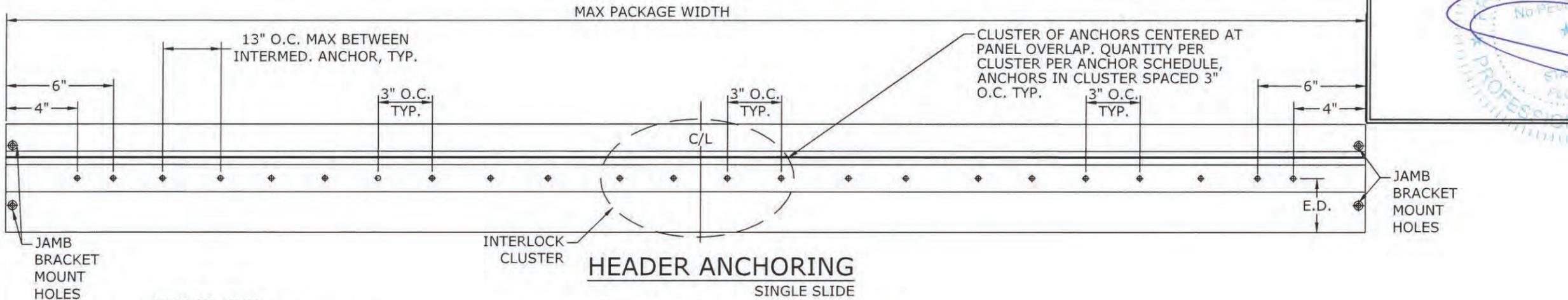
SCALE: NTS UNLESS NOTED

08 OF 15

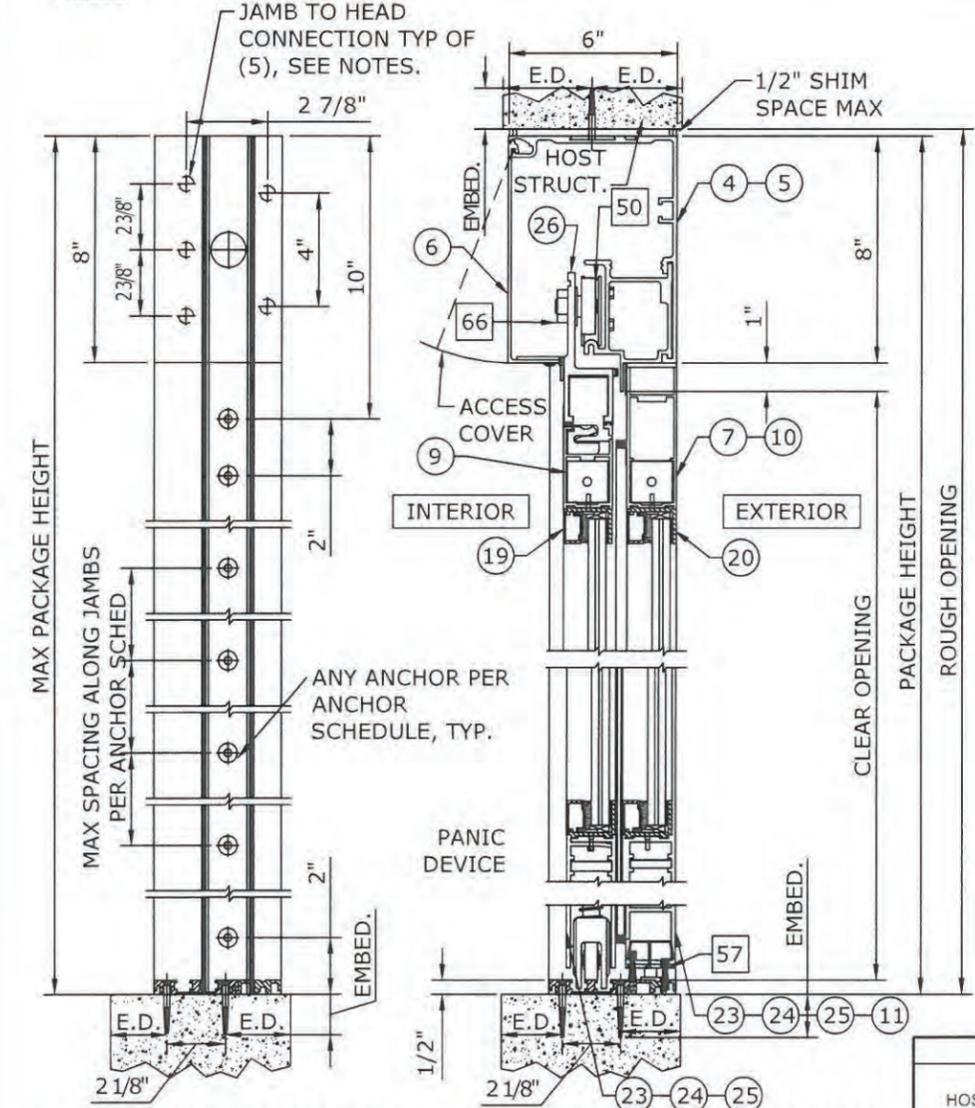
DURA-STORM SERIES 3000 SECTIONS & ANCHORING, STANDARD 5-PT LOCKS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

NOVEMBER 13, 2023

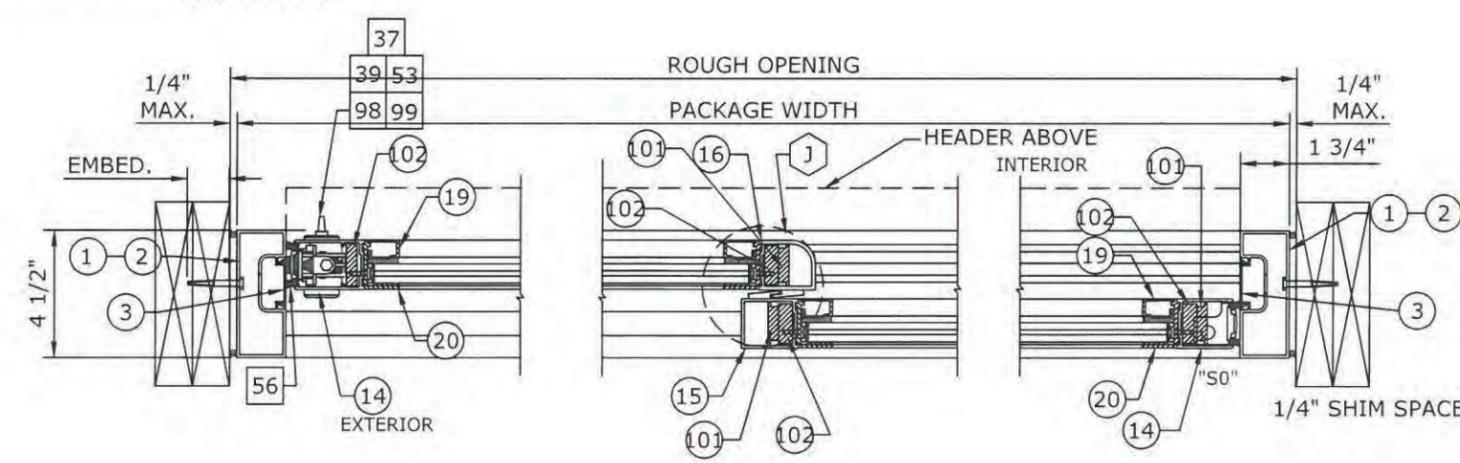


HEADER ANCHORING
SINGLE SLIDE



FRAME ANCHORING
N.T.S.

3 VERTICAL SECTION
2"=1'-0"



4 HORIZONTAL SECTION
2"=1'-0" SINGLE SLIDE

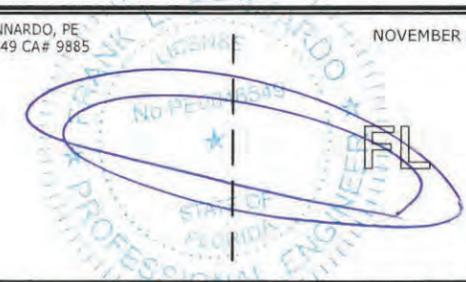
- XX : EXTRUSION
- XXXX : EXTRUSION, MULTI-PIECE
- XX-XX : EXTRUSION, OPTION
- XX : PART
- XXXX : PART, MULTI-PIECE
- XX-XX : PART, OPTION
- XX : DETAIL
- XX-XX : DETAIL, OPTION

- NOTE:**
OPTIONAL SUBSTRATES AT JAMB CONDITIONS INCLUDE
- CONCRETE (3 KSI. MIN.)
 - HOLLOW OR GROUT FILLED CMU (ASTM C90 MIN.)
 - STEEL (A 36 KSI, 1/8" THICK MIN.)
 - ALUMINUM (6063-T5, 1/8" THICK MIN.)
 - 16 GA. MIN. METAL STUDS (45 KSI. MIN.) WITH WOOD BACKER (SYP#2, SG= 0.55 MIN.)
 - WOOD (SYP#2, SG= 0.55 MIN.)

- NOTES:**
1. SEE THRESHOLD ANCHORS SHEET 11. APPLICABLE TO 3 KSI CONCRETE ONLY.
 2. JAMB TO HEAD CONNECTION FASTENERS; 5/16-18 HHMS WITH WASHER.
 3. DEWALT ULTRACON+ IS A DIRECT REPLACEMENT FOR POWERS TAPPER+

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		
3KSI MIN. CONCRETE	1/4" POWERS/RAWL PERMASEAL TAPPER 3*	1-1/2"	3"	4	6	13" O.C. MAX	17-5/8" O.C. MAX
1/8" MIN. A36 STEEL	1/4-20 SAE GR. 5 SMS OR #14 SAE GR. 5	FULL THREAD ENGAGEMENT	1/2"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX
G=0.55 MIN. WOOD	#14 SMS SCREW	1-1/2"	3/4"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX
0.125" MIN. 6063-T5 ALUM.	#14 SAE GR. 5 SDS	FULL THREAD ENGAGEMENT	1/2"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 23-0531.01
Approval Date 02/22/2029
By Miami-Dade Product Control



NOA# 23-0531.01

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

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



DRWN	CHKD	DATE
RS	RS	11/13/23
SO		

COPYRIGHT ENGINEERING EXPRESS®

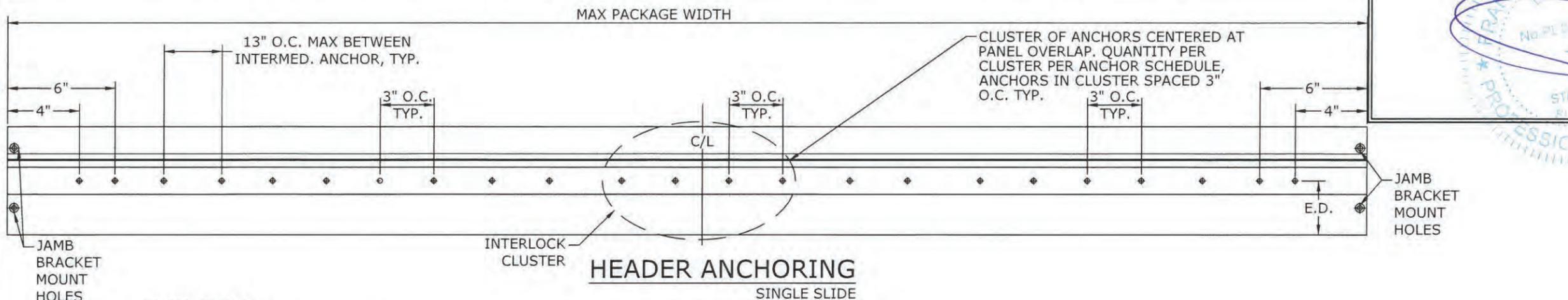
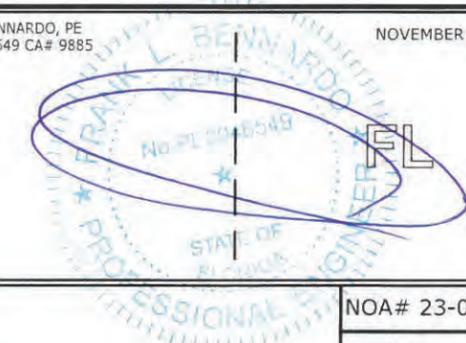
23-67901

SCALE: NTS UNLESS NOTED

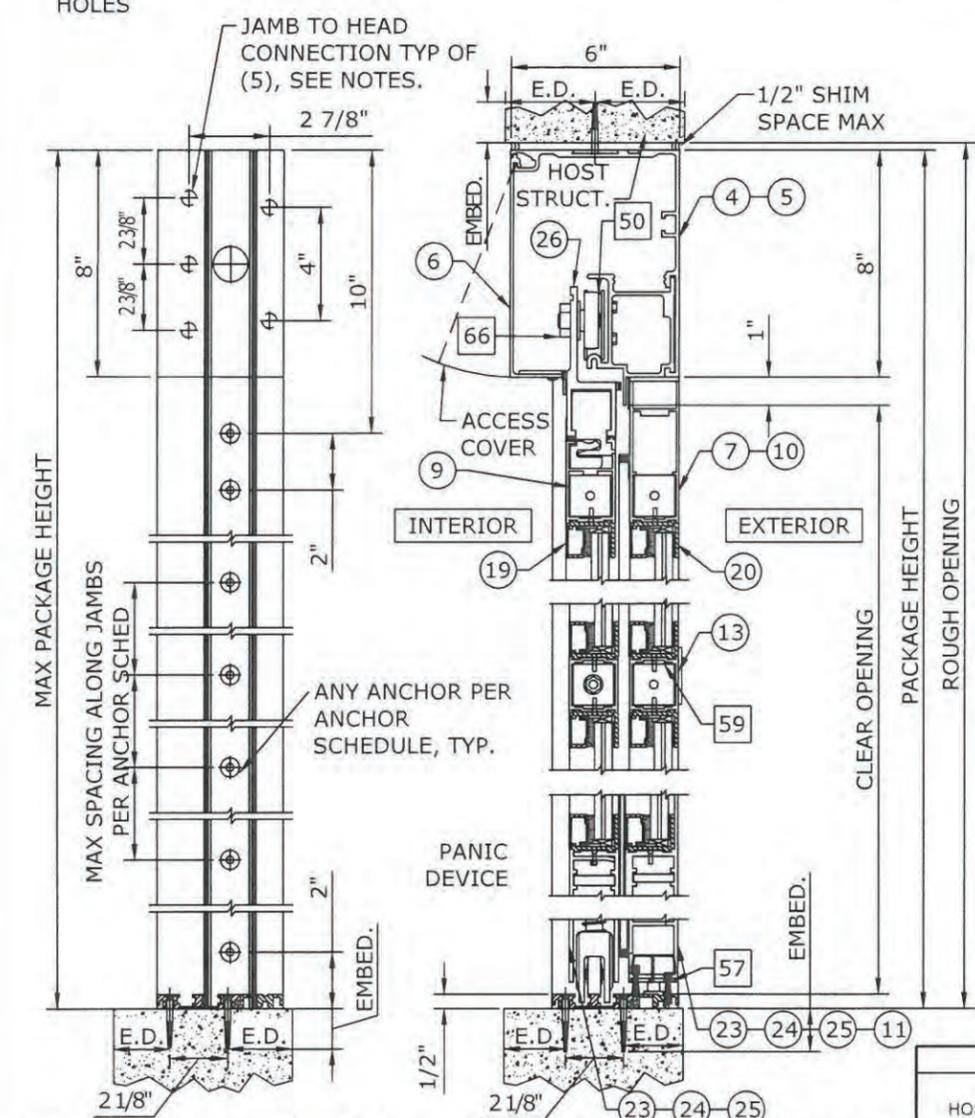
DURA-STORM SERIES 3000 SECTIONS & ANCHORING, STANDARD 5-PT LOCKS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

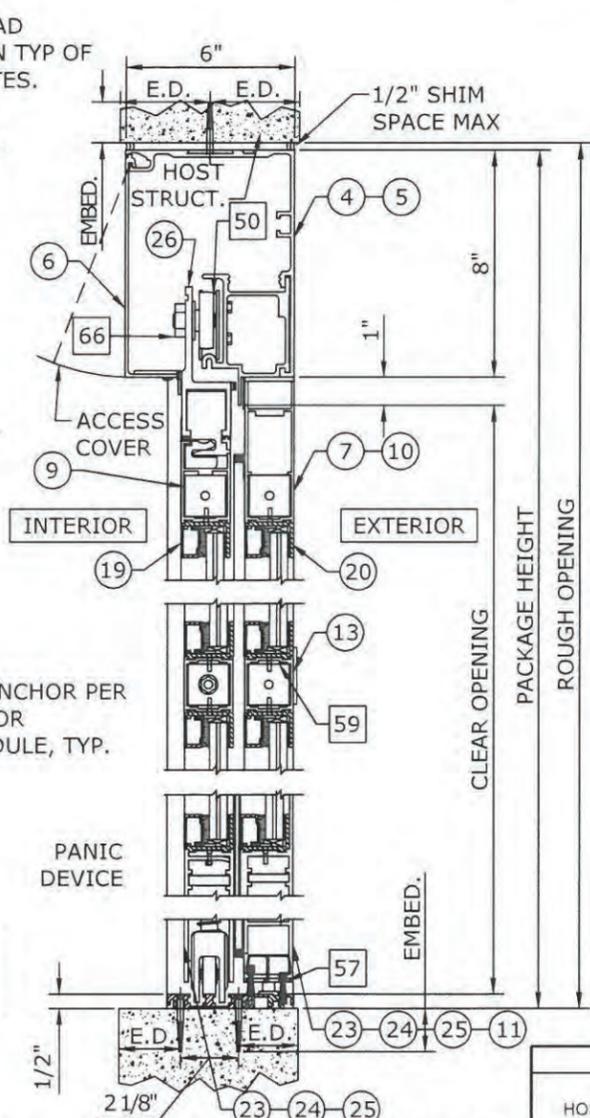
NOVEMBER 13, 2023



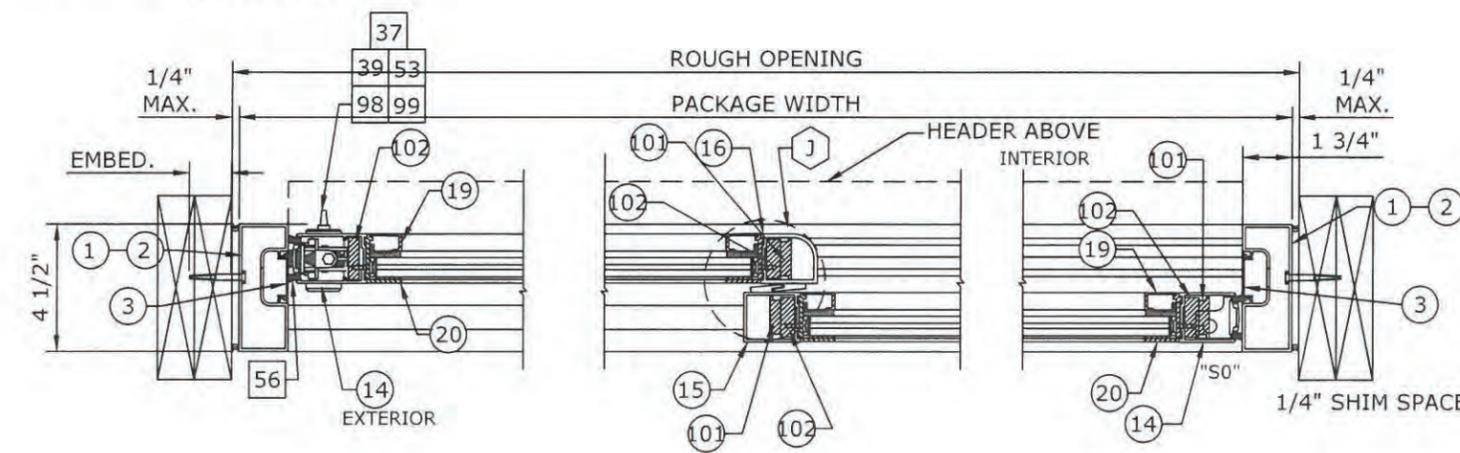
HEADER ANCHORING
SINGLE SLIDE



FRAME ANCHORING
N.T.S.



3 VERTICAL SECTION
2"=1'-0"



4 HORIZONTAL SECTION
2"=1'-0" SINGLE SLIDE

- 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

- NOTE:**
OPTIONAL SUBSTRATES AT JAMB CONDITIONS INCLUDE
- CONCRETE (3 KSI. MIN.)
 - HOLLOW OR GROUT FILLED CMU (ASTM C90 MIN.)
 - STEEL (A 36 KSI, 3/8" THICK MIN.)
 - ALUMINUM (6063-T5, 1/8" THICK MIN.)
 - 16 GA. MIN. METAL STUDS (45 KSI. MIN.) WITH WOOD BACKER (SYP#2, SG= 0.55 MIN.)
 - WOOD (SYP#2, SG= 0.55 MIN.)

- NOTES:**
1. SEE THRESHOLD ANCHORS SHEET 11. APPLICABLE TO 3 KSI CONCRETE ONLY.
 2. JAMB TO HEAD CONNECTION FASTENERS; 5/16-18 HHMS WITH WASHER.
 3. DEWALT ULTRACON+ IS A DIRECT REPLACEMENT FOR POWERS TAPPER+

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		
3KSI MIN. CONCRETE	1/4" POWERS/RAWL PERMASEAL TAPPER ³⁺	1-1/2"	3"	4	6	13" O.C. MAX	17-5/8" O.C. MAX
1/8" MIN. A36 STEEL	1/4-20 SAE GR. 5 SMS OR #14 SAE GR. 5	FULL THREAD ENGAGEMENT	1/2"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX
G=0.55 MIN. WOOD	#14 SMS SCREW	1-1/2"	3/4"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX
0.125" MIN. 6063-T5 ALUM.	#14 SAE GR. 5 SDS	FULL THREAD ENGAGEMENT	1/2"	4	N/A	13" O.C. MAX	17-5/8" O.C. MAX

NOA# 23-0531.01

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

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

ALLEGION
SERIES "DURA-STORM 3000"
BI-PART & SINGLE SLIDE AUTOMATIC SGD LMI (MISSILE LEVEL E)
MIAMI DADE PRODUCT APPROVAL

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 23-0531.01
Approval Date 02/22/2029
By *[Signature]*
Miami-Dade Product Control

DRWN	CHKD	DATE
RS	RS	11/13/23
SO		

REMARKS INIT ISSUE

COPYRIGHT ENGINEERING EXPRESS®

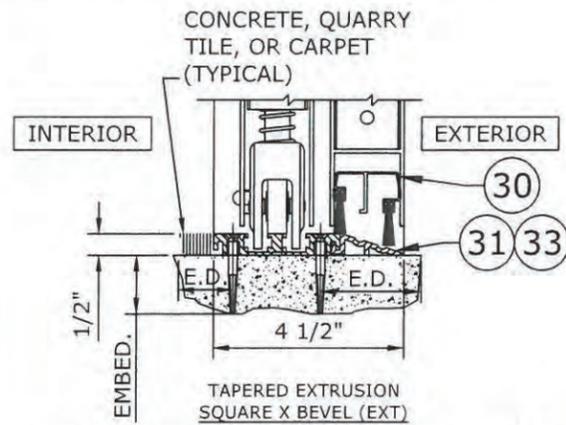
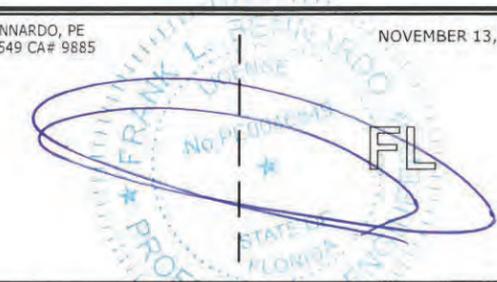
23-67901
SCALE: NTS UNLESS NOTED

10 OF 15

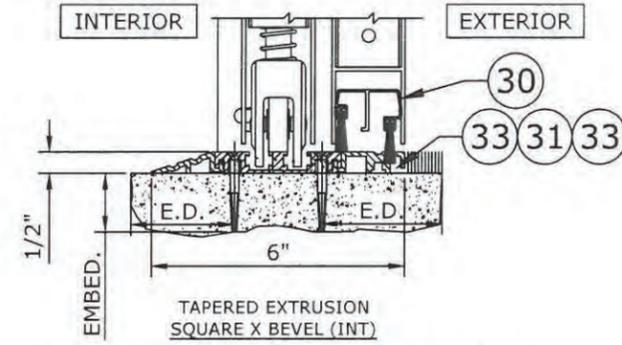
DURA-STORM SERIES 3000 THRESHOLDS & ANCHORING

FRANK BERNARDO, PE
PE# 0046549 CA# 9885

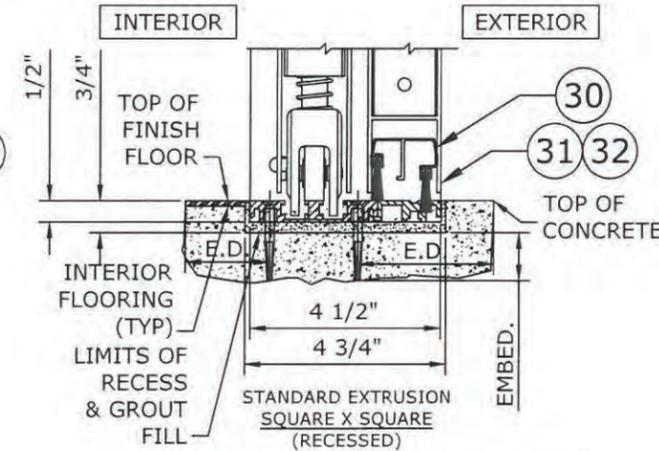
NOVEMBER 13, 2023



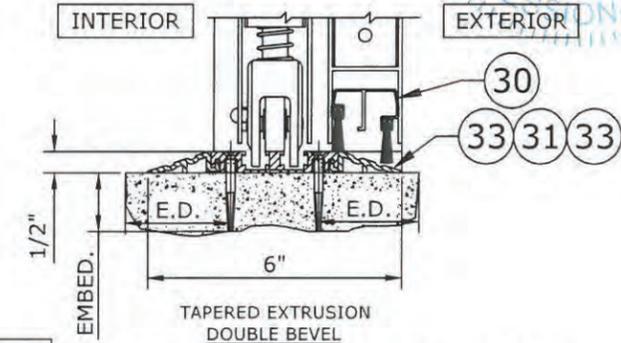
THRESHOLD-TAPERED EXT
3"=1'-0" 3000



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



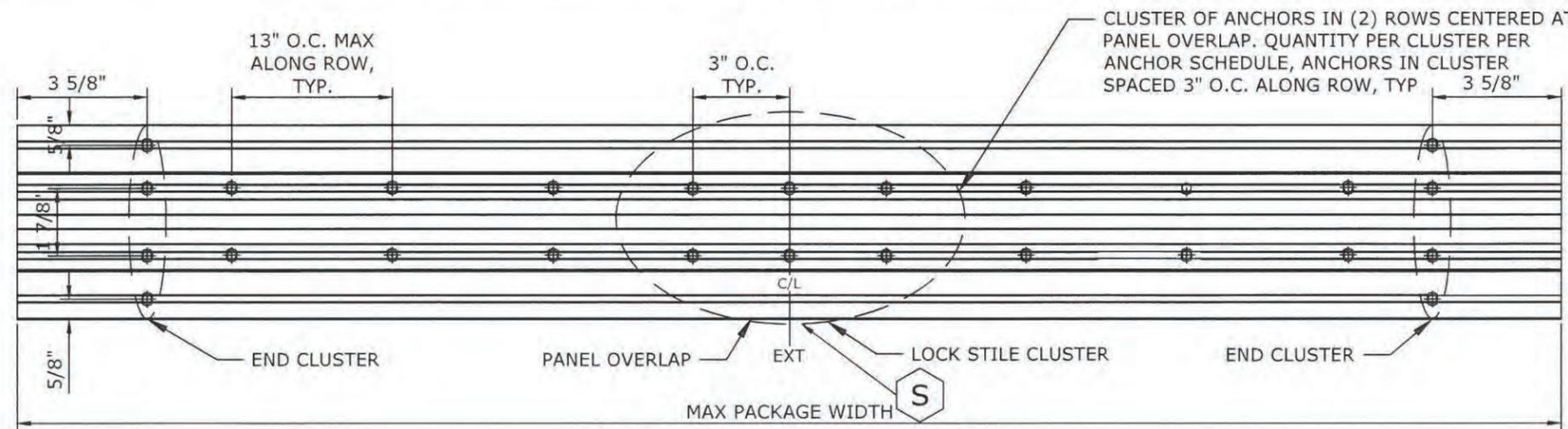
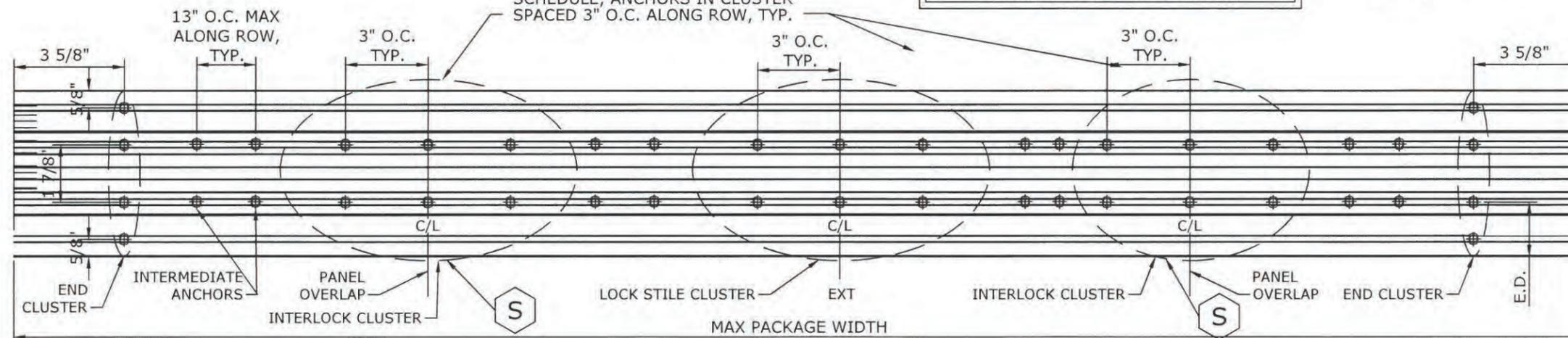
THRESHOLD-SQUARE
3"=1'-0" 3000



THRESHOLD-TAPERED
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.

NOTE: USE CONCRETE ANCHOR PER ANCHOR SCHEDULE FOR ALL THRESHOLD ANCHORAGE DETAILS SHOWN HEREIN. SEE SHEETS 5 - 7 FOR ANCHOR SCHEDULE AND ALLOWABLE CONCRETE ANCHOR TYPES



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

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 23-0531.01

Approval Date 02/22/2029

By Miami-Dade Product Control

NOA# 23-0531.01

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

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

ALLEGION
SERIES "DURA-STORM 3000"
BI-PART & SINGLE SLIDE AUTOMATIC SGD LMI (MISSILE LEVEL E)
MIAMI DADE PRODUCT APPROVAL

DRWN	CHKD	DATE
RS		11/13/23
SO		
INIT		
ISSUE		

COPYRIGHT ENGINEERING EXPRESS®

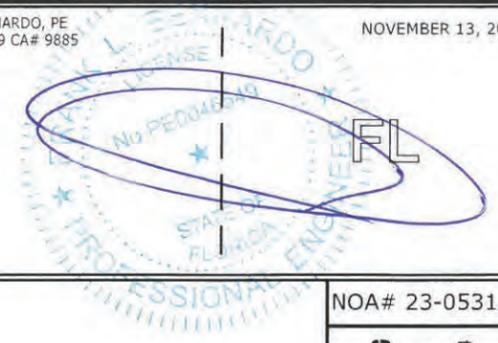
23-67901

SCALE: NTS UNLESS NOTED

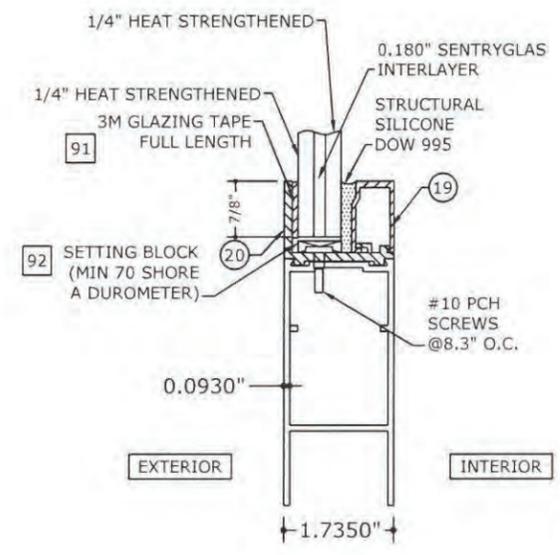
DURA-STORM SERIES 3000 GLASS DETAILS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

NOVEMBER 13, 2023

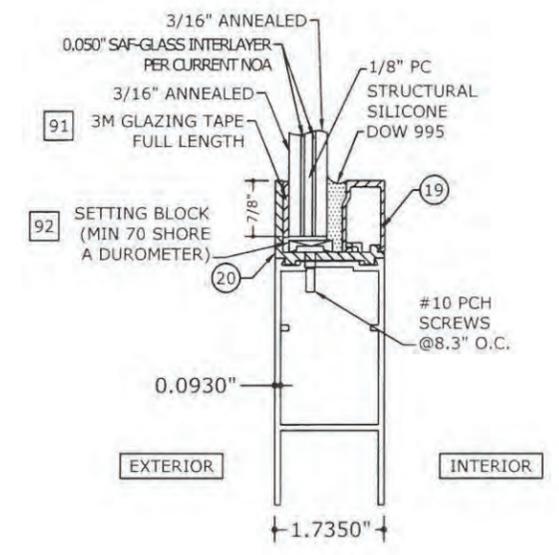


NOTE: GLASS SIZE = DLO + 1-3/4"



**5/8" LAMINATED
GLAZING DETAIL**
TYPE 1A

1A 5/8" LAMINATED GLAZING DETAIL
TYPE 1A



**5/8" LAMINATED
GLAZING DETAIL**
TYPE 1B

1B 5/8" LAMINATED GLAZING DETAIL
TYPE 1B

GLASS NOTES:

TYPE 1A (T1A) - 5/8" LAMINATED
EXT LITE: 1/4" CLEAR HEAT STRENGTHENED
INTERLAYER: 0.180 SENTRYGLAS BY KURARAY (NOA: 21-0324.06).
INT LITE: 1/4" CLEAR HEAT STRENGTHENED

TYPE 1B (T1B) - 5/8" LAMINATED
EXT LITE: 1/4" CLEAR ANNEALED
ADHESIVE: 0.050" SAF-GLAS (NOA: 22-0809.04)
INTERLAYER: 1/8" POLYCARBONATE SAF-GLAS (NOA: 22-0809.04).
ADHESIVE: 0.050" SAF-GLAS (NOA: 22-0809.04)
INT LITE: 1/4" CLEAR ANNEALED

GLAZING: 3M VHB STRUCTURAL GLAZING TAPE, EXTERIOR SIDE; DOW 995 STRUCTURAL SILICONE SEALANT, INTERIOR SIDE. MECHANICALLY FASTENED GUTTER.

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0531.01
Approval Date 02/22/2029
By *[Signature]*
Miami-Dade Product Control

NOA# 23-0531.01

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

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

ALLEGIION
SERIES "DURA-STORM 3000"
BI-PART & SINGLE SLIDE AUTOMATIC SGD LMT (MISSILE LEVEL E)
MIAMI DADE PRODUCT APPROVAL

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

23-67901

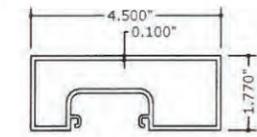
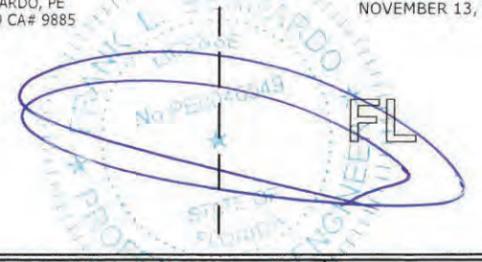
SCALE: NTS UNLESS NOTED

DURA-STORM SERIES 3000 EXTRUSIONS

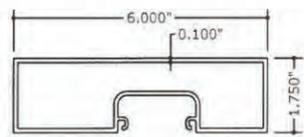
PRODUCT APPROVED
 as complying with the Florida
 Building Code
NOA-No. 23-0531.01
Approval Date 02/22/2029
 By 
Miami-Dade Product Control

FRANK BENNARDO, PE
 PE# 0046549 CA# 9885

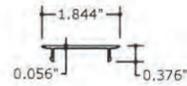
NOVEMBER 13, 2023



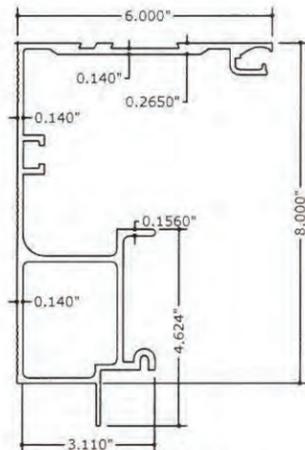
1 JAMB 4 1/2
 N.T.S. 6063-T6



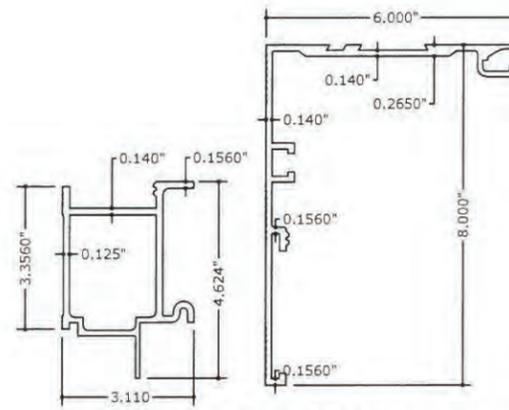
2 JAMB 6
 N.T.S. 6063-T6



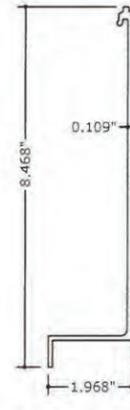
3 JAMB INSERT
 N.T.S. 6063-T6



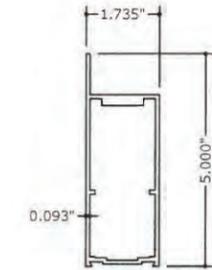
4 HEADER
 N.T.S. 6063-T6



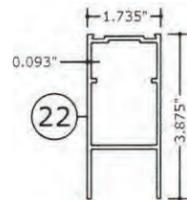
5 HEADER (2 PC.)
 N.T.S. 6063-T6



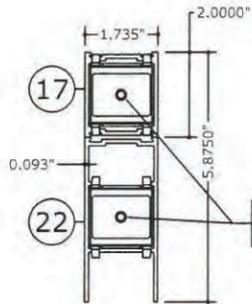
6 HEADER COVER
 N.T.S. 6063-T6



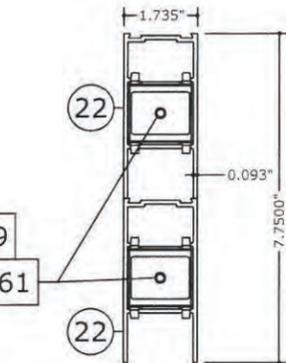
7 TOP RAIL, SO
 N.T.S. 3000 6063-T6



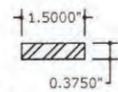
BOTTOM RAIL, SX/SO
 N.T.S. 6063-T6



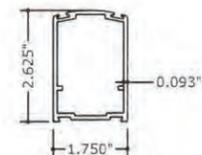
STACKED
 BOTTOM RAIL, SX/SO
 N.T.S. 6063-T6



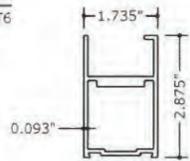
STACKED
 BOTTOM RAIL, SX/SO
 N.T.S. 6063-T6



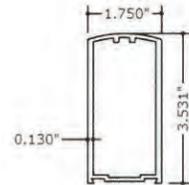
74 STEEL PANIC
 REINFORCING
 N.T.S. ASTM A-36



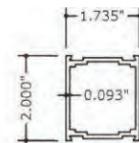
16.1 STILE LOCK
 (REINFORCED)
 N.T.S. 6063-T6



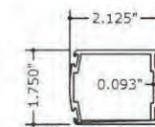
9 TOP RAIL, SX
 N.T.S. 3000 6063-T6



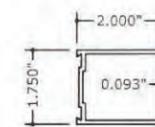
12 STILE
 N.T.S. 6063-T6



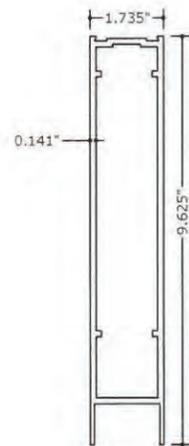
13 HORIZONTAL
 INTERMEDIATE
 N.T.S. 6063-T6



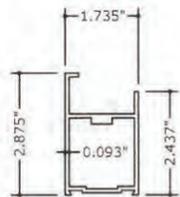
14 NARROW
 STILE
 N.T.S. 6063-T6



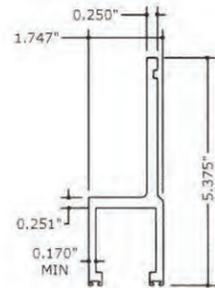
15 NARROW
 STILE
 N.T.S. 6063-T6



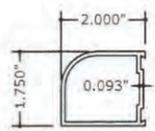
(SERIES 3000)
 24 1PC. BOTTOM
 RAIL, SX/SO
 N.T.S. 6063-T6



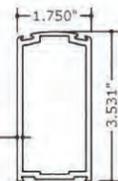
8 TOP RAIL, SX
 N.T.S. 3000 6063-T6



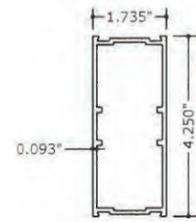
26 HANGER
 N.T.S. 6063-T6



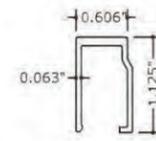
16 NARROW
 STILE
 N.T.S. 6063-T6



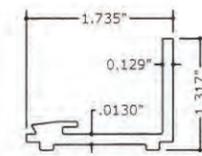
17 STILE LOCK
 N.T.S. 6063-T6



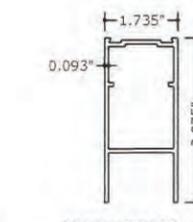
18 MUNTIN BAR
 N.T.S. 6063-T6



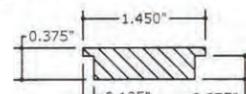
19 GLASS STOP
 N.T.S. 6063-T6



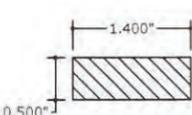
20 GUTTER
 N.T.S. 6063-T6



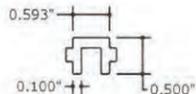
23 BOTTOM RAIL
 SX/SO
 N.T.S. 6063-T6



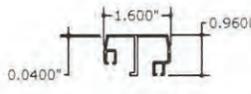
101 PARTIAL A36 OR 1018
 STEEL REINFORCING BAR
 (4' LONG; CENTERED)
 N.T.S. 6063-T6



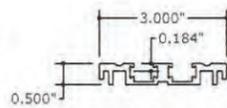
102 CONTINUOUS A36 OR 1018
 STEEL REINFORCEMENT BAR
 N.T.S. 6063-T6



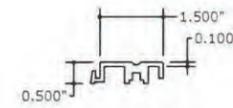
27 THRESHOLD
 FILLER
 N.T.S. 6063-T6



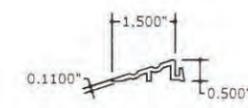
30 SWEEP
 HOLDER
 N.T.S. 6063-T6



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



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



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

NOA# 23-0531.01

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

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

ALLEGION
 SERIES "DURA-STORM 3000"
 BI-PART & SINGLE SLIDE AUTOMATIC SGD LMT (MISSILE LEVEL E)
 MIAMI DADE PRODUCT APPROVAL

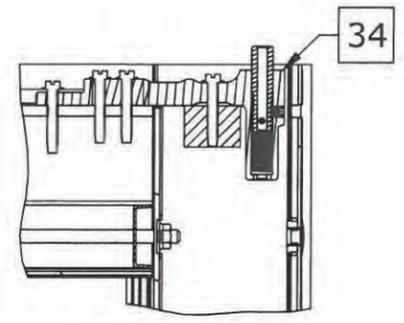
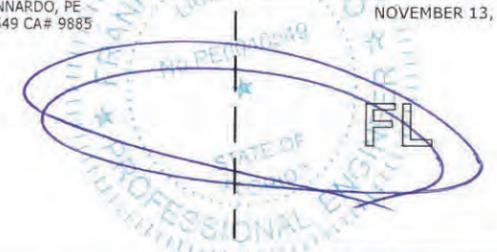
DRWN	CHKD	DATE
RS	RS	11/13/23
SQ	SQ	

REMARKS
 INIT ISSUE
 COPYRIGHT ENGINEERING EXPRESS®
 23-67901
 SCALE: NTS UNLESS NOTED

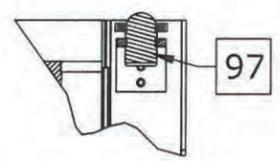
DURA-STORM SERIES 3000 DETAILS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

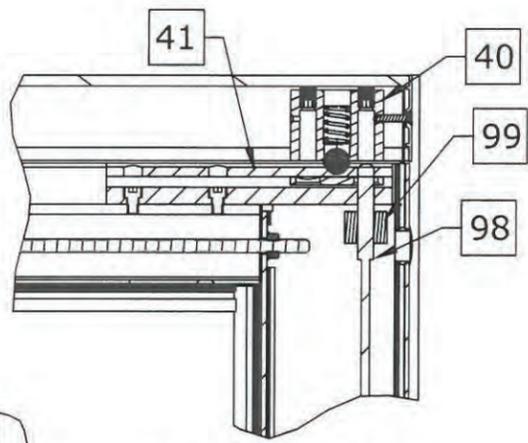
NOVEMBER 13, 2023



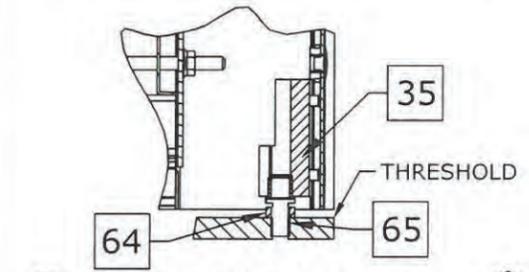
A SO PIVOT TOP
NTS SERIES 3000



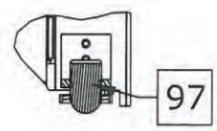
P SO PANEL BALL DETENT TOP
NTS SERIES 3000



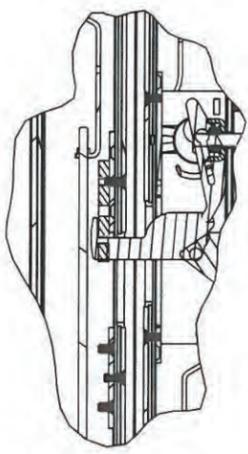
F STD BOLT TOP
NTS SERIES 3000



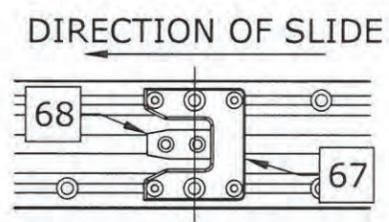
B SO PIVOT BOTTOM
NTS SERIES 3000



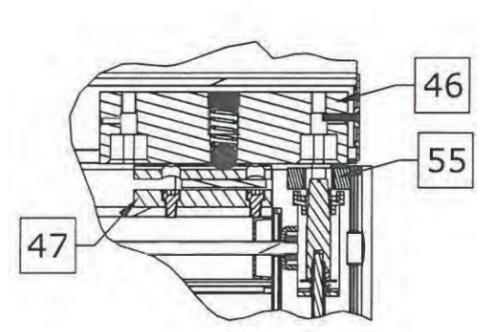
Q SO PANEL BALL DETENT BOTTOM
NTS SERIES 3000



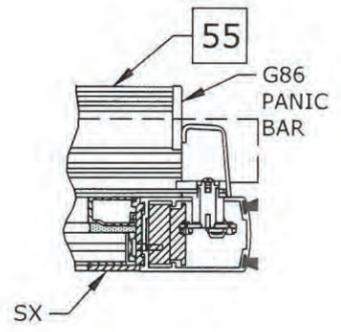
N LATCH DETAIL
NTS SERIES 3000



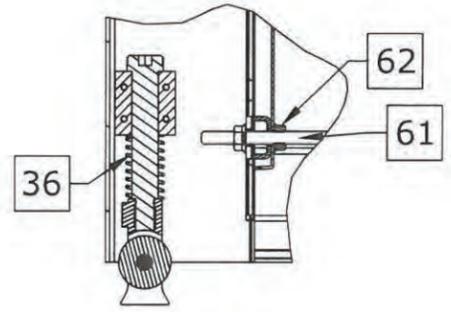
S GUIDE CAPTURE PLATE
NTS SERIES 3000



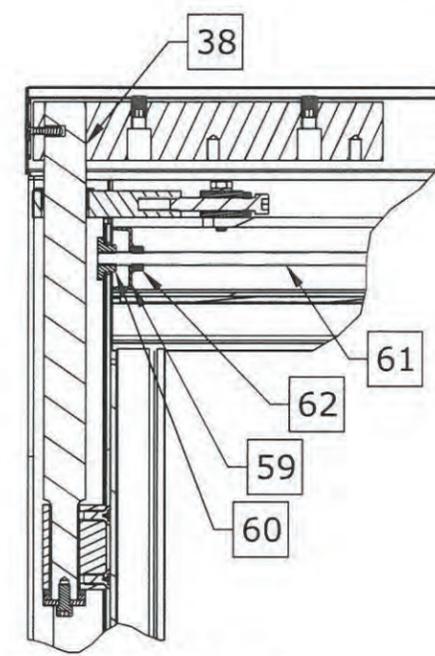
G PANIC BOLT TOP
NTS SERIES 3000



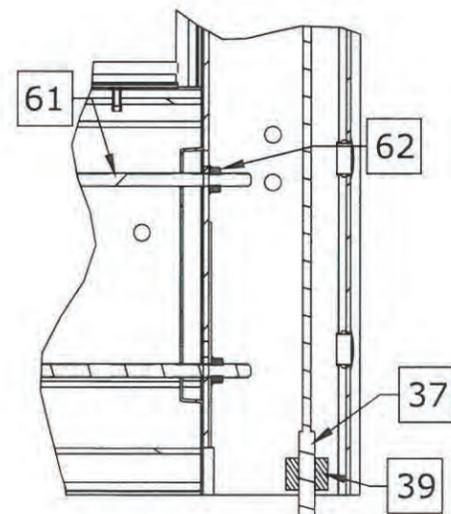
L PANIC REINFORCING
NTS SERIES 3000



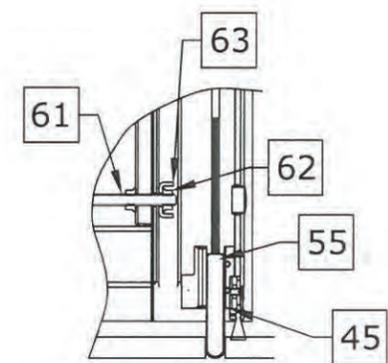
C SX GUIDE/PIVOT BOTTOM
NTS SERIES 3000



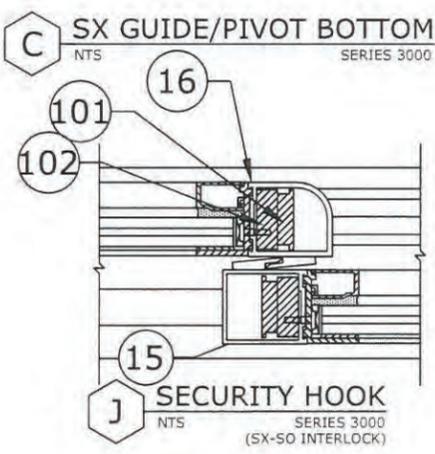
D SX PIVOT TOP
NTS SERIES 3000



E STD BOLT BOTTOM
NTS SERIES 3000



H PANIC BOLT BOTTOM
NTS SERIES 3000



J SECURITY HOOK
NTS SERIES 3000
(SX-SO INTERLOCK)

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0531.01
Approval Date 02/22/2029
By *[Signature]*
Miami-Dade Product Control

NOA# 23-0531.01

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

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

ALLEGION
SERIES "DURA-STORM 3000"
BI-PART & SINGLE SLIDE AUTOMATIC SGD LMI (MISSILE LEVEL E)
MIAMI DADE PRODUCT APPROVAL

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

COPYRIGHT ENGINEERING EXPRESS®

23-67901

SCALE: NTS UNLESS NOTED

