



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

Record-USA, Inc.
4324 Phil Hargett Court
Monroe, NC 28110

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 “5400” Aluminum Automatic Sliding Glass Door w/ Breakout-LMI

APPROVAL DOCUMENT: Drawing No. **20-20989** (former **14-2168**), titled “Series 5400 Automatic Sliding Glass Door”, sheets 1 through 23 of 23 prepared by Engineering Express, dated 02/28/18 and last revised on 08/27/2021, signed and sealed by Frank L. Bennardo, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control section.

MISSILE IMPACT RATING: Large and Small Missile Impact

LIMITATIONS:

1. See Head and Sill anchor Layout in sheet **4**. The Jamb anchors OC spacing not to exceed **12”**.
2. Not approved where water infiltration is required.
3. Electrical/ Electronic functions are not part of this approval and to be reviewed by appropriate Bldg. official
4. Full length steel channel reinforcements at stiles are required per sheet **10**. See glazing details in sheet **10**.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

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

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

This NOA **revises** NOA # **20-0129.03** and consists of this page 1 and evidence pages E-1, E-2 & 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 files

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under files, see below)
2. Drawing No. **14-2168** (former **09-REU-0001**), titled "Series 5400 Automatic Sliding Glass Door", sheets 1 through 23 of 23 prepared by Engineering Express, dated 02/12/15, signed and sealed by Frank L. Bennardo, P.E.

B. TESTS (submitted under files # **12-0403.06/**#09-0712.12**)**

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94 (**0.29** cfm/ft²@1.57PSF)
 - 2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94 (Not Performed)
 - 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 and TAS 202-94

along with installation diagram of aluminum automatic entrance door, prepared by American Testing Lab, Inc. Test Report No. **ATLNC 0428.01-08**, dated 04/29/09, signed and sealed by David Johnson, P.E.

Note: This test report has been revised by an addendum letter dated 01/20/10, issued by American Testing Lab, signed and sealed by David Johnson, P.E.

C. CALCULATIONS

1. Anchor Verification Calculations, complying w/ FBC-2014, dated 02/09/15, prepared by Engineering Express, 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

1. Notice of Acceptance No. **#14-0423.11** issued to Oldcastle Building Envelope, Inc. (NJ) for "**Storm Glass: Saflex CP-(VS-XX) interlayer w/ PET core**", expiring on 12/11/18.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014 and letter of no financial interest, prepared by Engineering Express, both dated 02/10/15, signed and sealed by Frank L. Bennardo, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER

1. This NOA **revises & renews** NOA # **12-0403.06**, expiring on 03/17/20.
2. Test proposal **#08-0238**, approved by BCCO.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0630.07
Expiration Date: March 17, 2025
Approval Date: September 16, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous NOA

A. DRAWINGS

1. Drawing No. **14-2168** (former **09-REU-0001**), titled "Series 5400 Automatic Sliding Glass Door", sheets 1 through 23 of 23 prepared by Engineering Express, dated 02/28/18, signed and sealed by Frank L. Bennardo, P.E.

B. Test

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC2017(6th Edition), prepared by Engineering Express, dated 12/22/17, 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 2017 (6th Edition), dated 09/29/17, prepared by Engineering Express, dated 12/22/17, signed and sealed by Frank L. Bennardo, P.E.

G. OTHER

1. This NOA revises # **15-0316.04**, expiring 07/17/20.

3. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **14-2168** (former **09-REU-0001**), titled "Series 5400 Automatic Sliding Glass Door", sheets 1 through 23 of 23 prepared by Engineering Express, dated 02/28/18, signed and sealed by Frank L. Bennardo, P.E.

B. Test

1. None.

C. CALCULATIONS (submitted under NOA # 17-1227.16)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. #**18-0611.01** issued to Oldcastle Building Envelope, Inc. (NJ) for "Storm Glass: Saflex CP-(VS-XX) interlayer w/ PET core", expiring on 12/11/23.

F. STATEMENTS

1. Statement letter of conformance to FBC 2017 (6th Edition), dated 09/29/17, prepared by Engineering Express, dated 12/22/17, signed and sealed by Frank L. Bennardo, P.E. (submitted under NOA # 17-1227.16)

G. OTHER

1. This NOA renews NOA # **17-1227.16**, expiring 03/17/20.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0630.07
Expiration Date: March 17, 2025
Approval Date: September 16, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New Evidence submitted

A. DRAWINGS

1. Drawing No. **20-20989** (former **14-2168**), titled “Series 5400 Automatic Sliding Glass Door”, sheets 1 through 23 of 23 prepared by Engineering Express, dated 02/28/18 and last revised on 08/27/2021, signed and sealed by Frank L. Bennardo, P.E.

B. Test

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **#18-0611.01** issued to Oldcastle Building Envelope, Inc. (NJ) for “**Storm Glass: Saflex CP-(VS-XX) interlayer w/ PET core**”, expiring on 12/11/23.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition), dated 06/28/21, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.

G. OTHER

1. This NOA revises NOA # **20-0129.03**, expiring 03/17/25.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0630.07
Expiration Date: March 17, 2025
Approval Date: September 16, 2021

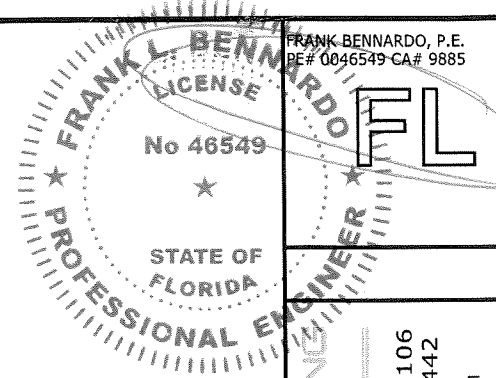
SERIES 5400 AUTOMATIC SLIDING GLASS DOOR

LARGE MISSILE IMPACT RESISTANT

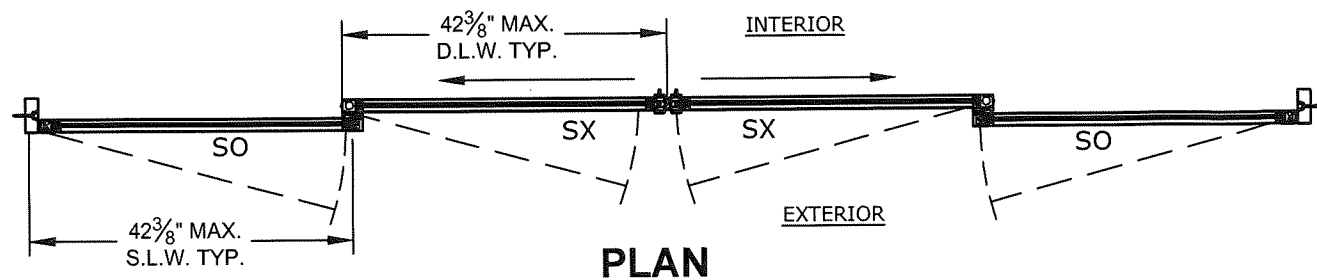
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0630.07

Expiration Date 03/17/2025

By Ishag I. Chank
Miami-Dade Product Control



08/27/2021

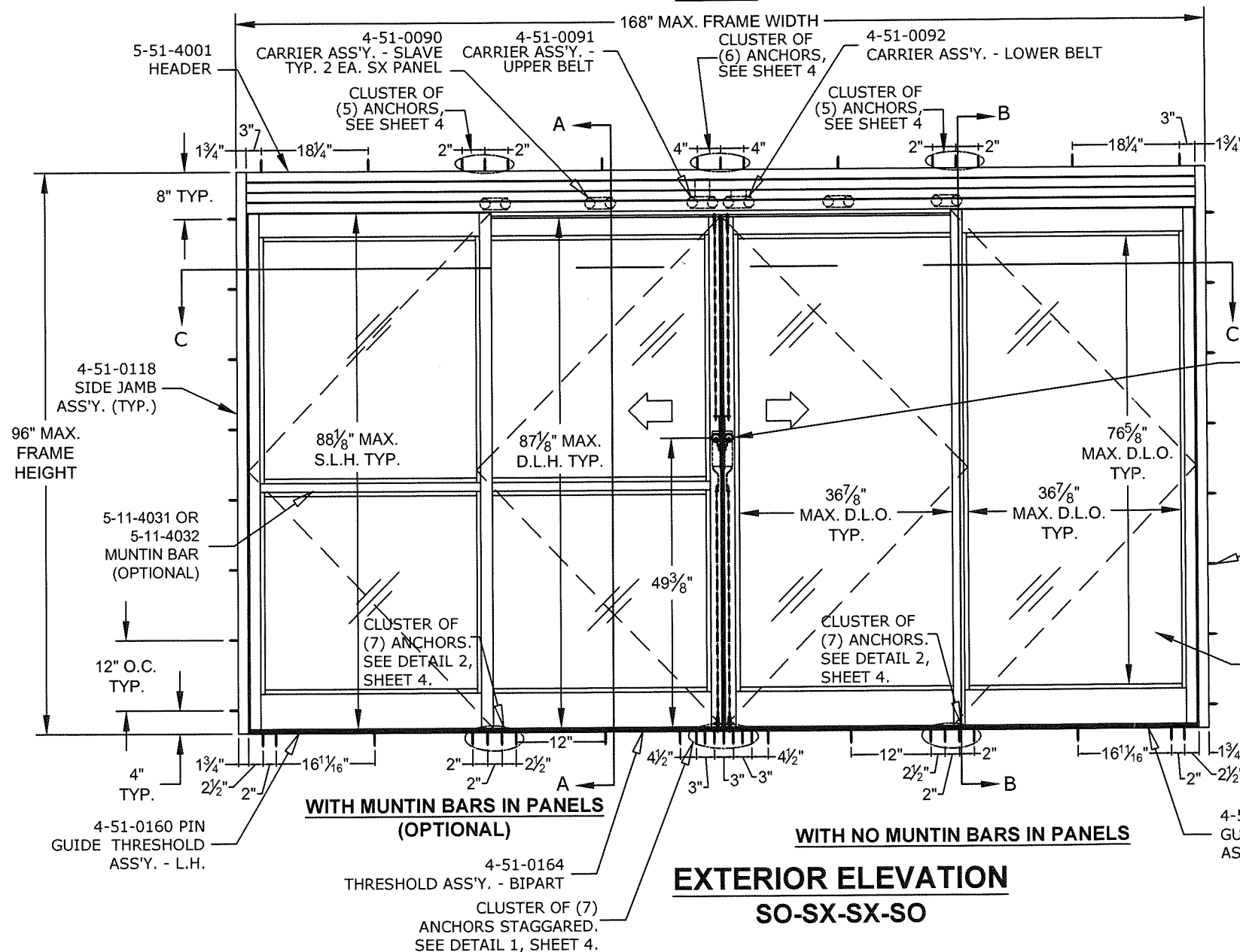


DESIGN PRESSURE RATING		IMPACT RATING
POSITIVE	+65 PSF	LARGE AND SMALL MISSILE IMPACT
NEGATIVE	-70 PSF	

NOTE: THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED.

GENERAL NOTES

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE SEVENTH EDITION (2020), FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE, PER TAS 201, 202, AND 203 STANDARDS.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
3. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE.
4. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN WITHIN THE HVHZ, A ONE-TIME SITE-SPECIFIC NOTICE OF ACCEPTANCE SHALL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE BUILDING CODE COMPLIANCE OFFICE PRODUCT CONTROL DIVISION. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN OUTSIDE THE HVHZ, THE BUILDING OFFICIAL MAY REQUIRE A ONE-TIME SITE-SPECIFIC NOTICE OF ACCEPTANCE BE OBTAINED, OR THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION.
5. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
6. ALL EXTRUSIONS SHALL BE 6063-T5 ALUMINUM ALLOY, UNLESS NOTED OTHERWISE.
7. EXTERIOR SEAM OF FRAME CORNERS SHALL BE SEALED WITH SILICONE.
8. ALL BOLTS & WASHERS SHALL BE ZINC COATED STEEL, GALVANIZED STEEL, OR STAINLESS STEEL WITH A MINIMUM TENSILE YIELD STRENGTH OF 60 KSI. ALL 3/16"Ø OR 1/4"Ø POP RIVETS SHALL BE 5056-H32 ALUMINUM ALLOY OR STRONGER UNLESS OTHERWISE NOTED.
9. ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED OR PLATED AS PRESCRIBED IN THE ABOVE-NOTED BUILDING CODE.



NOTE: SEE SHEET 4 FOR ANCHOR LAYOUT DETAILS AND ANCHOR TYPES.

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SERIES 5400 ALUMINUM AUTOMATIC SLIDING GLASS DOORS
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DATE	DRWN	CHKD
INIT ISSUE	06/26/09	KL	KL
REV. PER BCCO COMMENT	12/01/09	KL	FLB
REV. PER BCCO COMMENT	03/19/12	KL	FLB
REV. PER BCCO COMMENT	02/09/15	RWN	CSL
REV. PER BCCO COMMENT	12/20/17	RWN	FLB
REV. PER BCCO COMMENT	09/20/21	TAE	AJP

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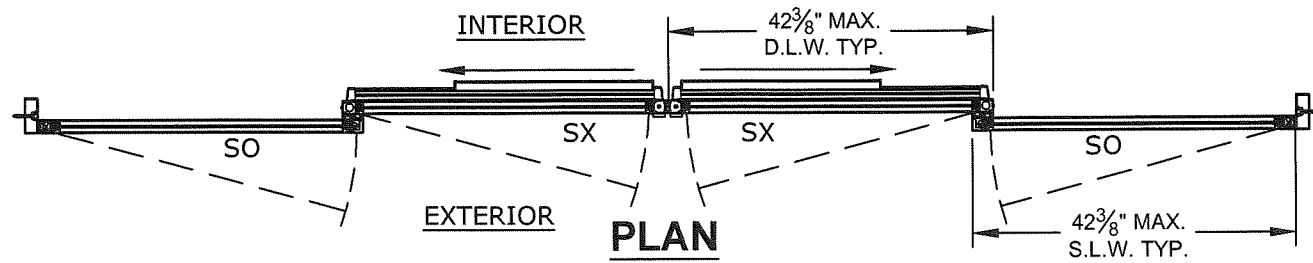
20-20989

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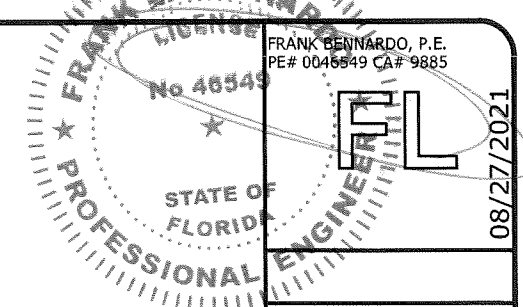
01 OF 23

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08/27/2021 - 9:27am thayer

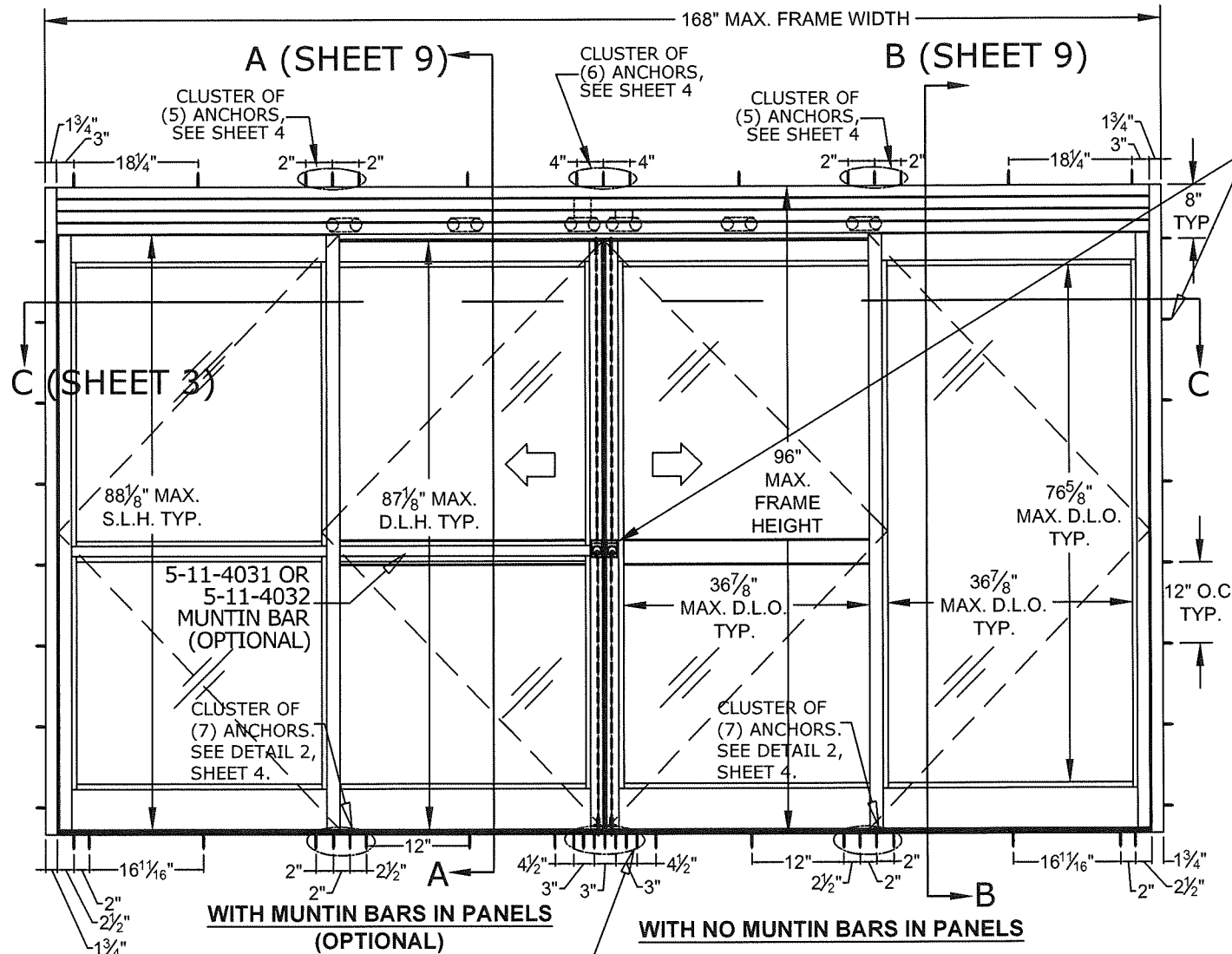
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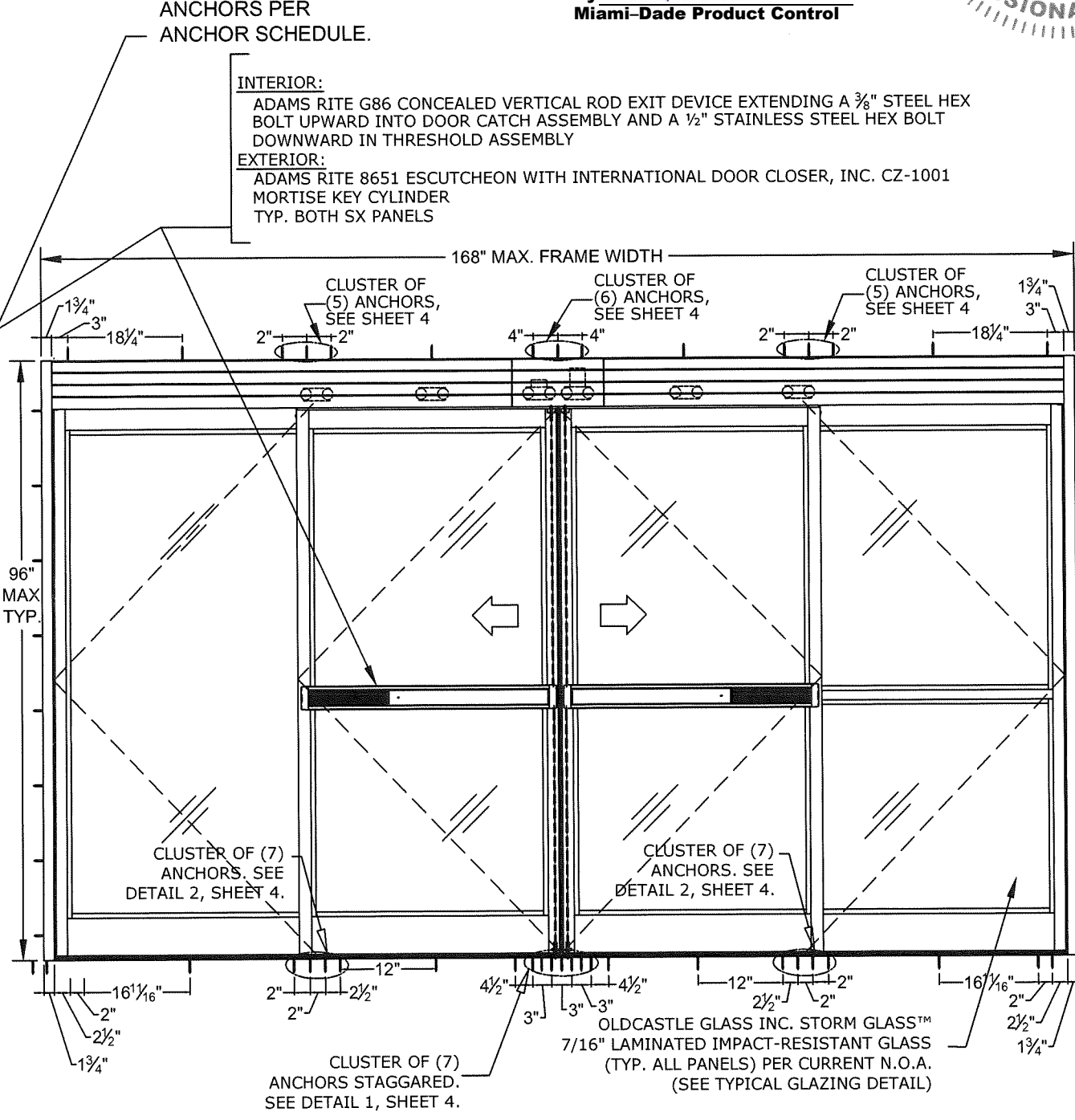
PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. 21-0630.07
 Expiration Date 03/17/2025
 By *Shay L. Chan*
 Miami-Dade Product Control



08/27/2021



EXTERIOR ELEVATION
SO-SX-SX-SO



INTERIOR ELEVATION
SO-SX-SX-SO

DESIGN PRESSURE RATING		IMPACT RATING
POSITIVE	+65 PSF	LARGE AND SMALL MISSILE IMPACT
NEGATIVE	-70 PSF	
NOTE: THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED.		

NOTE: SEE SHEET 4 FOR ANCHOR LAYOUT DETAILS AND ANCHOR TYPES.

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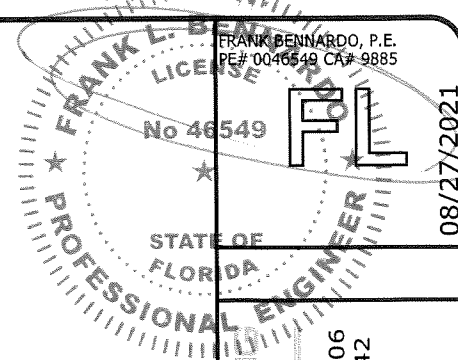
SERIES 5400 ALUMINUM AUTOMATIC SLIDING GLASS DOORS
 LARGE MISSILE IMPACT RESISTANT
 MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	AVL	KL	06/26/09
REV. PER BCCO COMMENT	KL	FLB	12/01/09
REV 2010 FBC (09-REV-0001)	KL	FLB	03/19/12
REV FBC 2014	RWN	CSL	02/09/15
REV 2017 FBC	RWN	FLB	12/20/17
REV 2020 FBC	TAE	AJP	05/20/21

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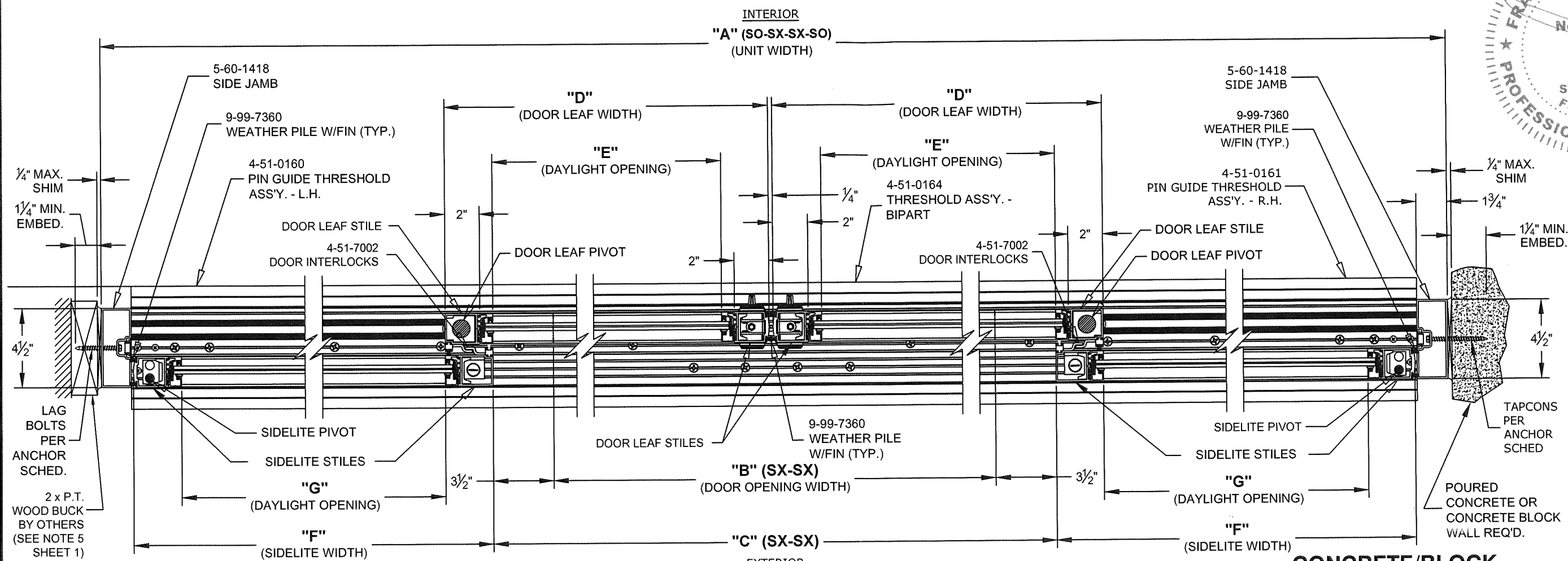
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02 OF **23**

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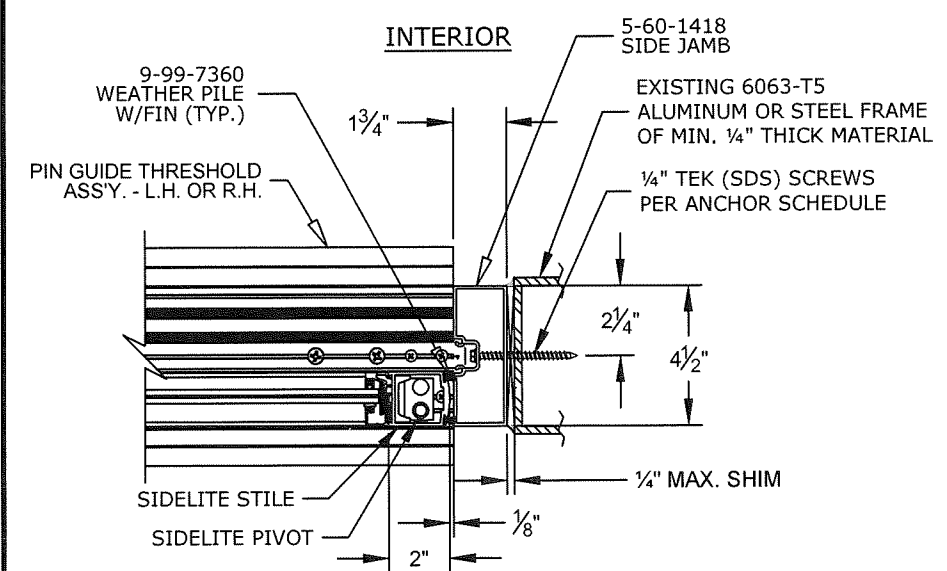


08/27/2021

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WOOD BUCK ALTERNATIVE



SECTION C-C

PRODUCT REVISED
 as complying with the Florida Building Code
 NOA-No. 21-0630.07
 Expiration Date 03/17/2025
 By *Ishag I. Chank*
 Miami-Dade Product Control

CONCRETE/BLOCK ALTERNATIVE

UNIT WIDTH "A" (SO-SX-SX-SO)	DOOR OPENING WIDTH "B" (SX-SX)	DIMENSION "C" (SX-SX)	DOOR LEAF SIZE		DAYLIGHT OPENING (DOOR LEAF)		SIDELITE SIZE		DAYLIGHT OPENING (SIDELITE)		UNIT HEIGHT (MAX.)	ROUGH OPENING WIDTH (INCL. 1/4" SHIM SPACE BOTH SIDES) (SO-SX-SX-SO)
			WIDTH "D"	HEIGHT	WIDTH "E"	HEIGHT	WIDTH "F"	HEIGHT	WIDTH "G"	HEIGHT		
9' 0"	42 1/2"	49 1/2"	27 3/8"	87 7/8"	21 7/8"	76 5/8"	27 3/8"	88 1/8"	21 7/8"	76 5/8"	8' 0"	9' 1/2"
10' 0"	48 1/2"	55 1/2"	30 3/8"	87 7/8"	24 7/8"	76 5/8"	30 3/8"	88 1/8"	24 7/8"	76 5/8"	8' 0"	10' 1/2"
12' 0"	60 1/2"	67 1/2"	36 3/8"	87 7/8"	30 7/8"	76 5/8"	36 3/8"	88 1/8"	30 3/8"	76 5/8"	8' 0"	12' 1/2"
14' 0"	72 1/2"	79 1/2"	42 3/8"	87 7/8"	36 7/8"	76 5/8"	42 3/8"	88 1/8"	36 3/8"	76 5/8"	8' 0"	14' 1/2"

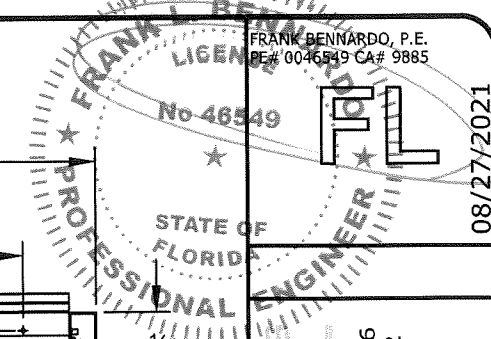
NOTE: DOOR WIDTH AND HEIGHT SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE FLORIDA BUILDING CODE.

RECORD-USA
 4324 HARGETT COURT
 MONROE, NC 28110
 PH: (704) 289-9212

DRWN	CHKD	DATE
AML	KL	06/26/09
KL	FLB	12/01/09
KL	FLB	03/19/12
RWN	C.S.L.	02/09/15
RWN	FLB	12/20/17
TAE	AJP	05/20/21

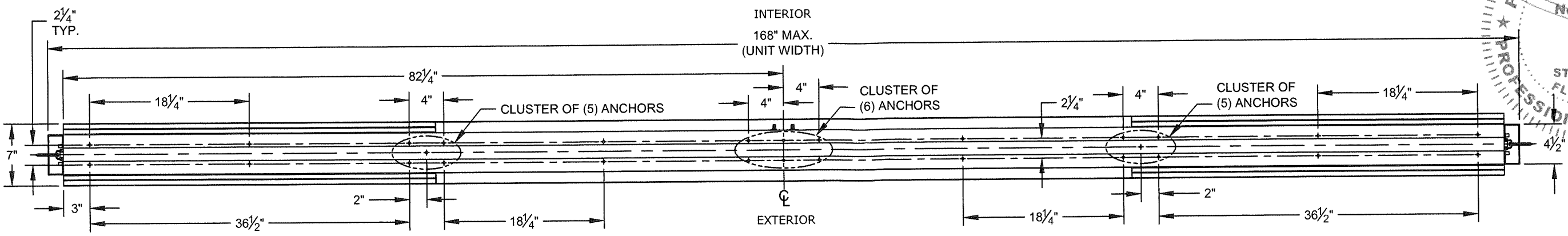
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20-20989
 SCALE: NTS UNLESS NOTED
03 OF 23

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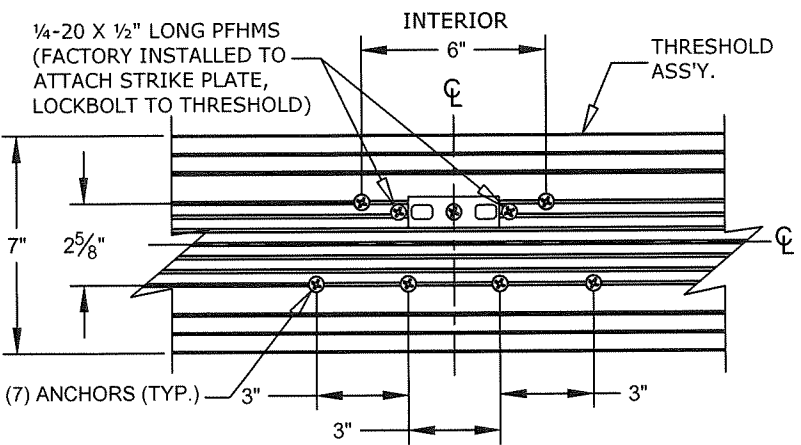


08/27/2021

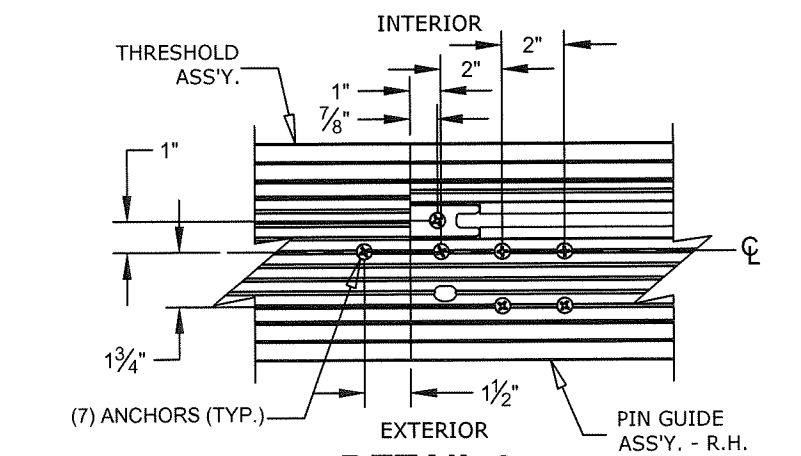
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**ANCHOR LAYOUT AT HEADER
(SO-SX-SX-SO)**



DETAIL 1



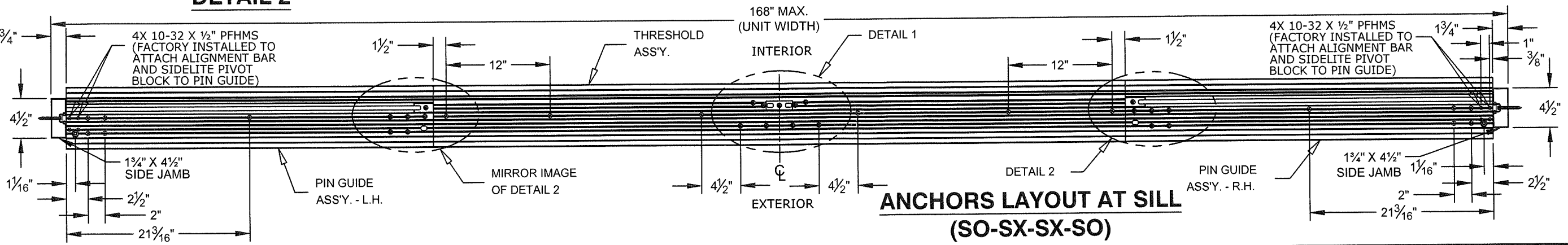
DETAIL 2

ANCHOR SCHEDULE		
LOCATION	SUBSTRATE	ANCHOR TYPE
HEAD	CONCRETE (3192 PSI MIN) OR CONCRETE BLOCK	1/4" ITW S.S. TAPCONS W/ 1-1/4" MIN. EMBEDMENT AND 2-1/2" MIN. EDGE DISTANCE
	WOOD (G=0.55 MIN)	#14 WOOD SCREWS W/ 1-1/2" MIN. THREAD PENETRATION AND 1" MIN. EDGE DISTANCE
	1/4" MINIMUM 6063-T5 ALUMINUM OR STEEL	1/4" 316 STAINLESS STEEL SELF DRILLING SCREWS W/ 1/2" MIN. EDGE DISTANCE
JAMBS	CONCRETE (3192 PSI MIN) OR CONCRETE BLOCK	1/4" ITW S.S. TAPCONS W/ 1-1/4" MIN. EMBEDMENT AND 2-1/2" MIN. EDGE DISTANCE
	WOOD (G=0.55 MIN)	#14 WOOD SCREWS W/ 1-1/2" MIN. THREAD PENETRATION AND 1" MIN. EDGE DISTANCE
	1/4" MINIMUM 6063-T5 ALUMINUM OR STEEL	1/4" 316 STAINLESS STEEL SELF DRILLING SCREWS W/ 1/2" MIN. EDGE DISTANCE
SILL	CONCRETE (3192 PSI MIN) OR CONCRETE BLOCK	1/4" ITW S.S. TAPCONS W/ 1-1/2" MIN. EMBEDMENT AND 2-1/2" MIN. EDGE DISTANCE
	WOOD (G=0.55 MIN)	1/4" S.S. ITW TAPCONS W/ 1-1/2" MIN. THREAD PENETRATION AND 3/4" MIN. EDGE DISTANCE
	1/4" MINIMUM 6063-T5 ALUMINUM OR STEEL	1/4" 316 STAINLESS STEEL SELF DRILLING SCREWS W/ 1/2" MIN. EDGE DISTANCE

NOTE: FOR SO-SX OR SX-SO ANCHOR LAYOUTS, SEE SHEET 8.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0630.07
Expiration Date 03/17/2025
By Ishag I. Chande
Miami-Dade Product Control

- ANCHOR NOTES:**
- SEE EXTERIOR ELEVATIONS AND ANCHOR LAYOUT DETAILS FOR ANCHOR LOCATIONS AND/OR SPACING.
 - ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS. ALL CONCRETE ANCHORS SHALL BE INSTALLED TO NON-CRCKED CONCRETE ONLY.
 - ENSURE MINIMUM 2-1/2" EDGE DISTANCE FOR ALL ANCHORS TO CONCRETE & TO CONCRETE BLOCK. EDGE DISTANCE OF 1/2" IS ACCEPTABLE FOR ANCHORS TO STEEL OR ALUMINUM.
 - WHERE ANCHORS FASTEN TO NARROW FACE OF STUD FRAMING, ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2x (MIN) WOOD STUD, U.N.O..
 - WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
 - ANCHOR REQUIREMENTS AS SHOWN HEREIN, INCLUDING MINIMUM EMBEDMENT AND EDGE DISTANCE, EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN WITHIN THE HVHZ, A ONE-TIME SITE-SPECIFIC NOTICE OF ACCEPTANCE SHALL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE BUILDING CODE COMPLIANCE OFFICE PRODUCT CONTROL DIVISION. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN OUTSIDE THE HVHZ, THE BUILDING OFFICIAL MAY REQUIRE A ONE-TIME SITE-SPECIFIC NOTICE OF ACCEPTANCE BE OBTAINED, OR THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION.
 - WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
 - WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
 - SELF DRILLING SCREWS SHALL BE SAE GRADE 5 INSTALLED WITH FULL ENGAGEMENT OF THREADS INTO METAL HOST STRUCTURE AND MAY HAVE EITHER A FLAT HEAD, PAN HEAD, TRUSS HEAD, OR OTHER HEAD STYLES. PROVIDE (5) PITCHES MIN. PAST THE THREAD PLANE.



**ANCHORS LAYOUT AT SILL
(SO-SX-SX-SO)**

RECORD-USA
4324 HARGETT COURT
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SERIES 5400 ALUMINUM AUTOMATIC SLIDING GLASS DOORS
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

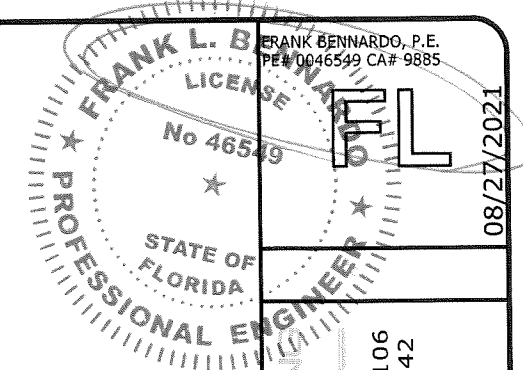
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03/19/12	KL	FLB	03/19/12
02/09/15	RWN	CSL	02/09/15
12/20/17	RWN	FLB	12/20/17
05/20/21	TAE	AJP	05/20/21

REMARKS
INIT ISSUE
REV PER BCCO COMMENT
2010 FCC (09-REU-0001)
REV FCC 2014
REV 2017 FCC
REV 2020 FCC

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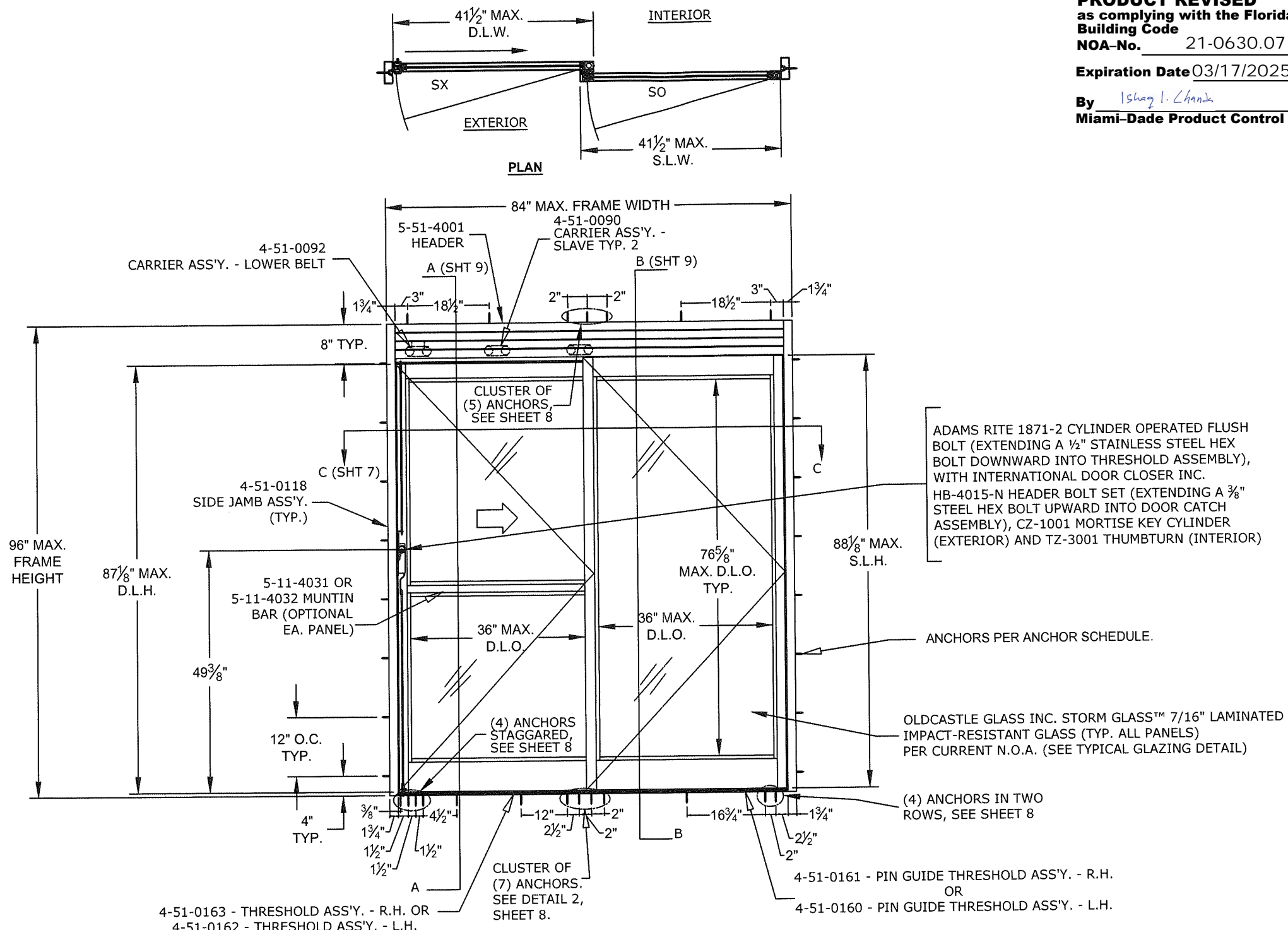
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FRANK L. BENNARDO, P.E.
PE# 0046549 CA# 9885



PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0630.07
Expiration Date 03/17/2025
By *Ishag I. Chank*
Miami-Dade Product Control

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EXTERIOR ELEVATION
5405 SX-SO R.H. SHOWN
5404 SO-SX L.H. OPPOSITE

NOTE: SEE SHEET 8 FOR ANCHOR LAYOUT DETAILS AND ANCHOR TYPES.

DESIGN PRESSURE RATING		IMPACT RATING
POSITIVE	+65 PSF	LARGE AND SMALL MISSILE IMPACT
NEGATIVE	-70 PSF	
NOTE: THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED.		

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REMARKS	DRWN	CHKD	DATE
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REV. PER BCCO COMMENT	KL	FLB	03/19/12
REV. PER BCCO COMMENT	RWN	CSL	02/09/15
REV. PER BCCO COMMENT	RWN	FLB	12/20/17
REV. PER BCCO COMMENT	TAE	AJP	05/20/21

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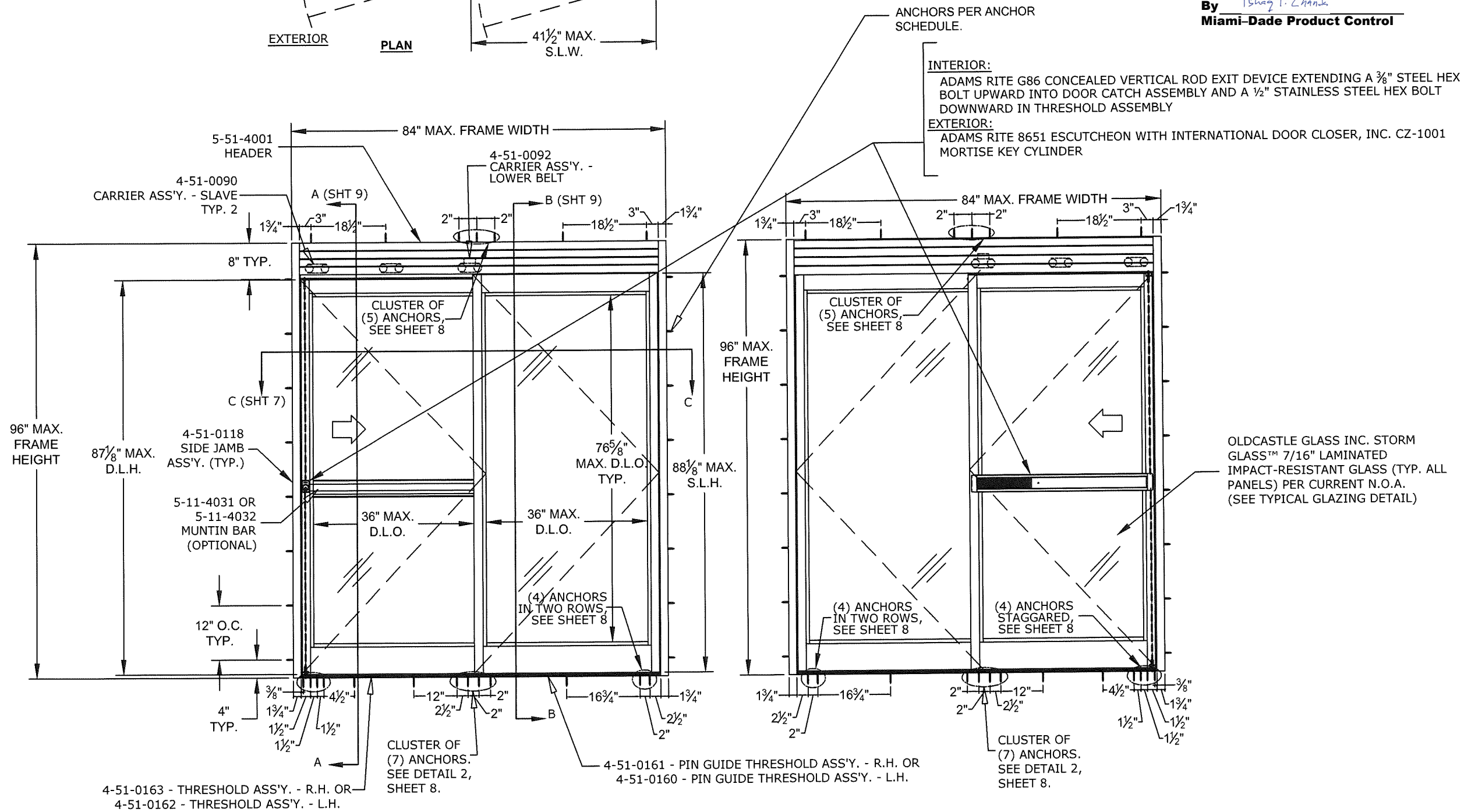
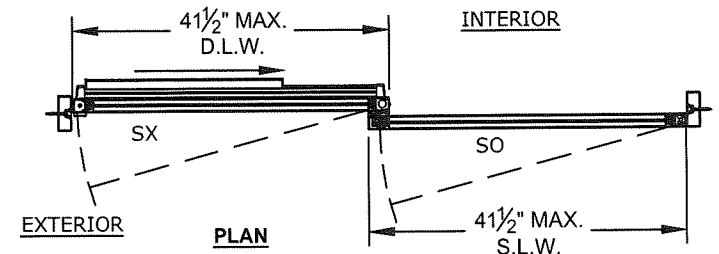
FRANK L. BENNARDO, P.E.
PE# 0046549 CA# 9885

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LICENSE
No 46549
STATE OF
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PROFESSIONAL ENGINEER

08/27/2021

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INTERIOR:
ADAMS RITE G86 CONCEALED VERTICAL ROD EXIT DEVICE EXTENDING A 3/8\"/>

EXTERIOR:
ADAMS RITE 8651 ESCUTCHEON WITH INTERNATIONAL DOOR CLOSER, INC. CZ-1001 MORTISE KEY CYLINDER

OLDCASTLE GLASS INC. STORM GLASS™ 7/16\"/>

EXTERIOR ELEVATION
5405 SX-SO R.H. SHOWN
5404 SO-SX L.H. OPPOSITE

DESIGN PRESSURE RATING		IMPACT RATING
POSITIVE	+65 PSF	
NEGATIVE	-70 PSF	
NOTE: THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED.		LARGE AND SMALL MISSILE IMPACT

NOTE: SEE SHEET 8 FOR ANCHOR LAYOUT DETAILS AND ANCHOR TYPES.

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SERIES 5400 ALUMINUM AUTOMATIC SLIDING GLASS DOORS
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
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REV. PER BCCO COMMENT	FLB	KL	12/01/09
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REV FBC 2014	RWN	CSL	02/09/15
REV 2017 FBC	RWN	FLB	12/20/17
REV 2020 FBC	TAE	AJP	05/20/21

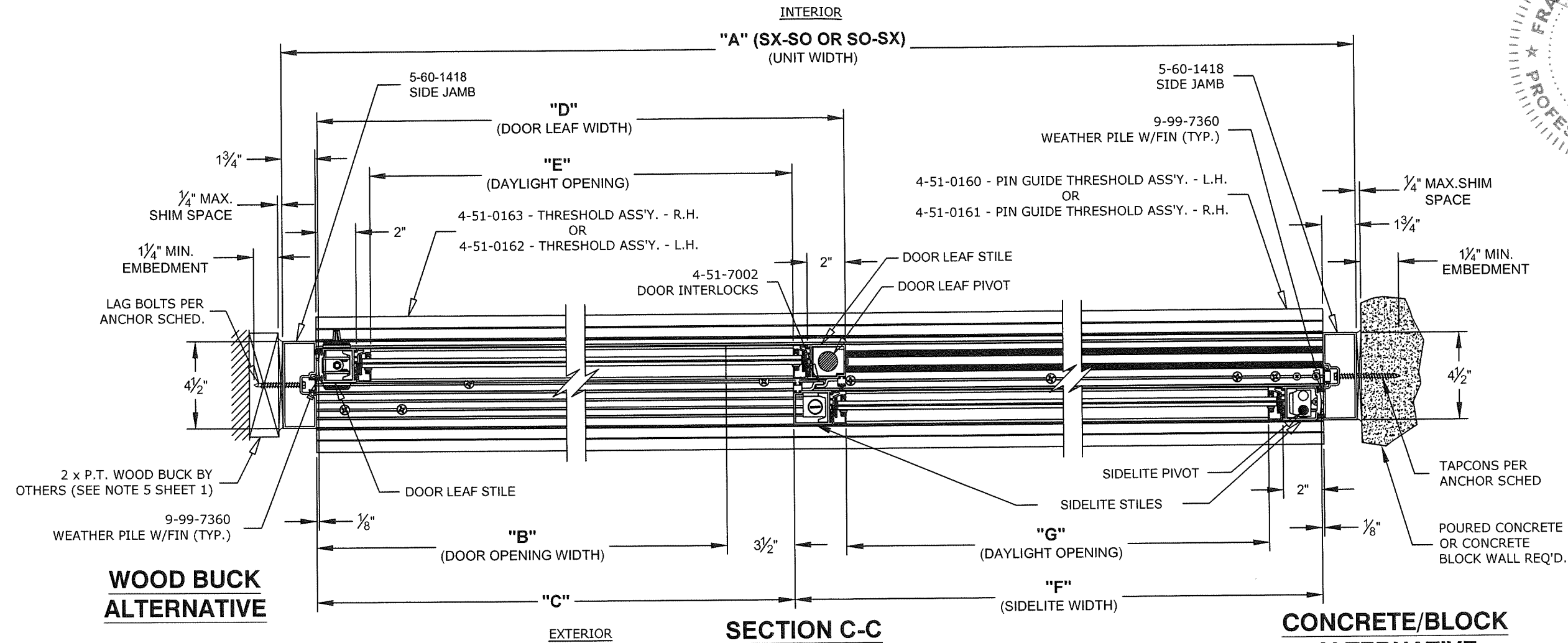
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08/27/2021



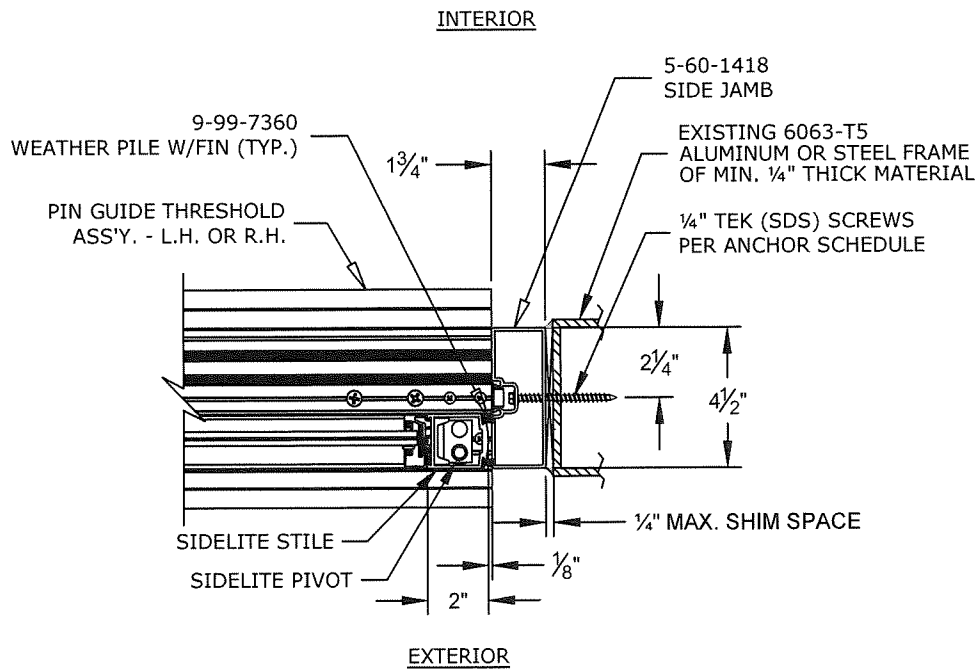
**WOOD BUCK
ALTERNATIVE**

**CONCRETE/BLOCK
ALTERNATIVE**

**SECTION C-C
5405 SX-SO R.H. SHOWN
5404 SO-SX L.H. OPPOSITE**

NOTE: SEE ELEVATIONS ON SHEET 6
AND ANCHOR DETAILS ON SHEET 8.

PRODUCT REVISED
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By *Ishag I. Chank*
Miami-Dade Product Control



**METAL STRUCTURE
ALTERNATIVE**

UNIT WIDTH "A" (SX-SO OR SO-SX)	DOOR OPENING WIDTH "B"	DIMENSION "C"	DOOR LEAF SIZE		DAYLIGHT OPENING (DOOR LEAF)		SIDELITE SIZE		DAYLIGHT OPENING (SIDELITE)		UNIT HEIGHT (MAX.)	ROUGH OPENING WIDTH (INCL. 1/4" SHIM SPACE BOTH SIDES)
			WIDTH "D"	HEIGHT	WIDTH "E"	HEIGHT	WIDTH "F"	HEIGHT	WIDTH "G"	HEIGHT		
6' 6"	32 3/8"	36"	38 1/2"	87 5/8"	33"	76 5/8"	38 1/2"	88 7/8"	33"	76 5/8"	8' 0"	6' 6 1/2"
7' 0"	35 3/8"	39"	41 1/2"	87 5/8"	36"	76 5/8"	41 1/2"	88 7/8"	36"	76 5/8"	8' 0"	7' 1/2"

NOTE: DOOR WIDTH AND HEIGHT SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE FLORIDA BUILDING CODE.

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LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

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REV 2020 FBC	TAE	AJP	05/20/21

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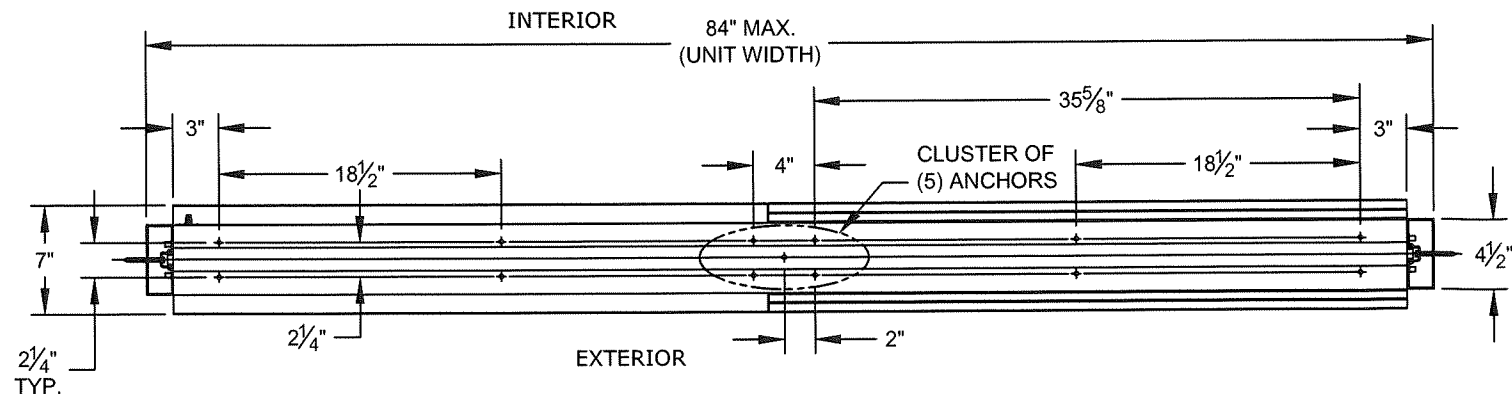
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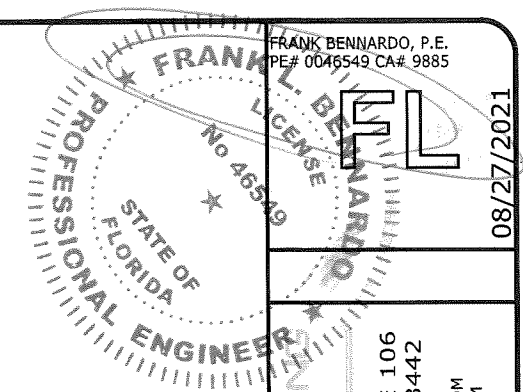
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**ANCHOR LAYOUT AT HEADER
(TYP. FOR SO-SX OR SX-SO)**

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

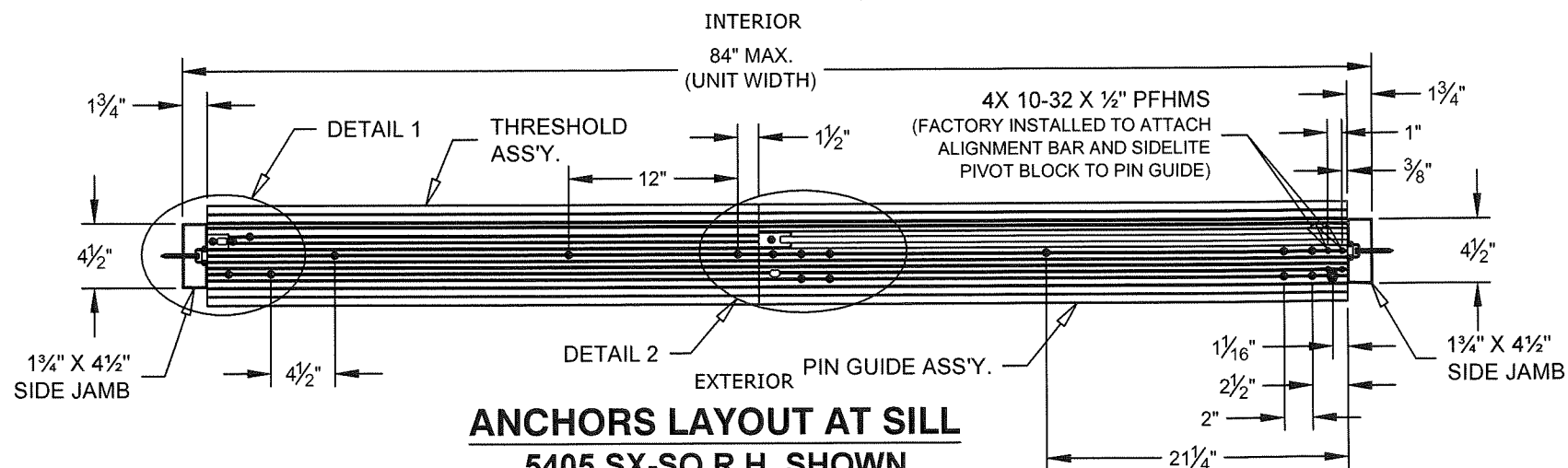
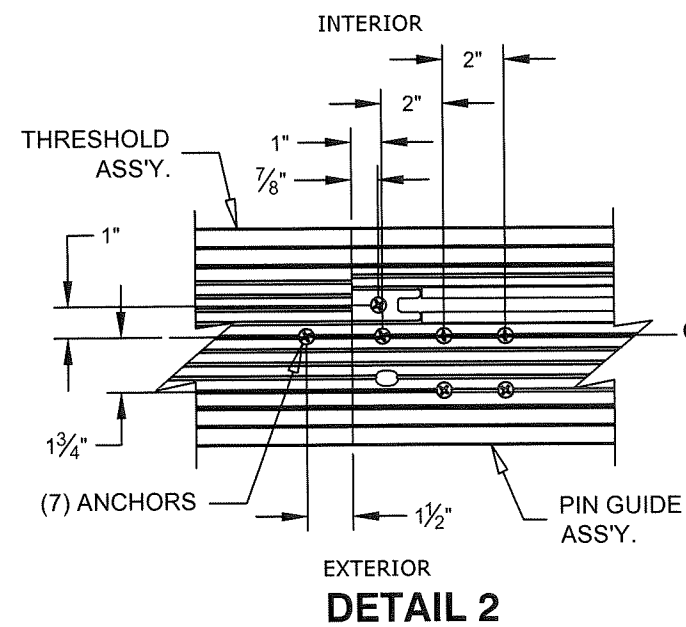
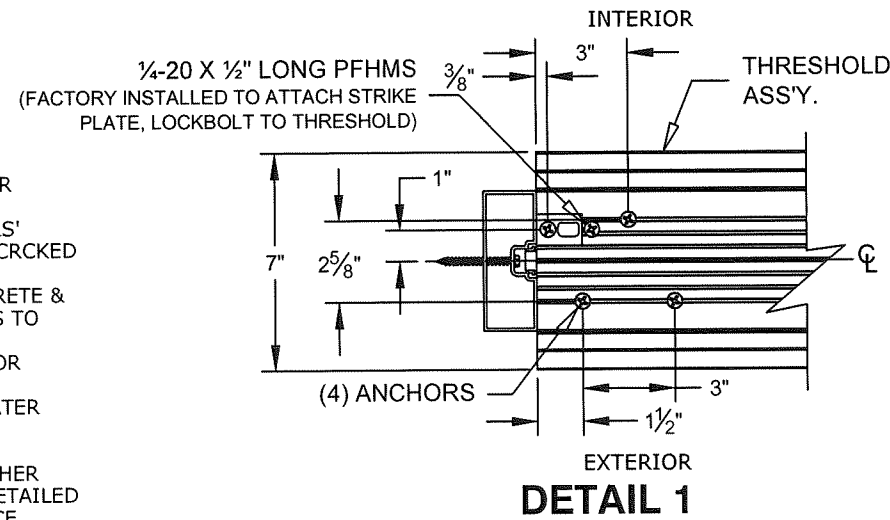


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ANCHOR SCHEDULE		
LOCATION	SUBSTRATE	ANCHOR TYPE
HEAD	CONCRETE (3192 PSI MIN) OR CONCRETE BLOCK	1/4" ITW S.S. TAPCONS W/ 1-1/4" MIN. EMBEDMENT AND 2-1/2" MIN. EDGE DISTANCE
	WOOD (G=0.55 MIN)	#14 WOOD SCREWS W/ 1-1/2" MIN. THREAD PENETRATION AND 1" MIN. EDGE DISTANCE
	1/4" MINIMUM 6063-T5 ALUMINUM OR STEEL	1/4" 316 STAINLESS STEEL SELF DRILLING SCREWS W/ 1/2" MIN. EDGE DISTANCE
JAMBS	CONCRETE (3192 PSI MIN) OR CONCRETE BLOCK	1/4" ITW S.S. TAPCONS W/ 1-1/4" MIN. EMBEDMENT AND 2-1/2" MIN. EDGE DISTANCE
	WOOD (G=0.55 MIN)	#14 WOOD SCREWS W/ 1-1/2" MIN. THREAD PENETRATION AND 1" MIN. EDGE DISTANCE
	1/4" MINIMUM 6063-T5 ALUMINUM OR STEEL	1/4" 316 STAINLESS STEEL SELF DRILLING SCREWS W/ 1/2" MIN. EDGE DISTANCE
SILL	CONCRETE (3192 PSI MIN) OR CONCRETE BLOCK	1/4" ITW S.S. TAPCONS W/ 1-1/2" MIN. EMBEDMENT AND 2-1/2" MIN. EDGE DISTANCE
	WOOD (G=0.55 MIN)	1/4" S.S. ITW TAPCONS W/ 1-1/2" MIN. THREAD PENETRATION AND 3/4" MIN. EDGE DISTANCE
	1/4" MINIMUM 6063-T5 ALUMINUM OR STEEL	1/4" 316 STAINLESS STEEL SELF DRILLING SCREWS W/ 1/2" MIN. EDGE DISTANCE

ANCHOR NOTES:

- SEE EXTERIOR ELEVATIONS AND ANCHOR LAYOUT DETAILS FOR ANCHOR LOCATIONS AND/OR SPACING.
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS. ALL CONCRETE ANCHORS SHALL BE INSTALLED TO NON-CRACKED CONCRETE ONLY.
- ENSURE MINIMUM 2-1/2" EDGE DISTANCE FOR ALL ANCHORS TO CONCRETE & TO CONCRETE BLOCK. EDGE DISTANCE OF 1/2" IS ACCEPTABLE FOR ANCHORS TO STEEL OR ALUMINUM.
- WHERE ANCHORS FASTEN TO NARROW FACE OF STUD FRAMING, ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2x (MIN) WOOD STUD, U.N.O..
- WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
- ANCHOR REQUIREMENTS AS SHOWN HEREIN, INCLUDING MINIMUM EMBEDMENT AND EDGE DISTANCE, EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN WITHIN THE HVHZ, A ONE-TIME SITE-SPECIFIC NOTICE OF ACCEPTANCE SHALL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE BUILDING CODE COMPLIANCE OFFICE PRODUCT CONTROL DIVISION. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN OUTSIDE THE HVHZ, THE BUILDING OFFICIAL MAY REQUIRE A ONE-TIME SITE-SPECIFIC NOTICE OF ACCEPTANCE BE OBTAINED, OR THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION.
- WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
- WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
- SELF DRILLING SCREWS SHALL BE SAE GRADE 5 INSTALLED WITH FULL ENGAGEMENT OF THREADS INTO METAL HOST STRUCTURE AND MAY HAVE EITHER A FLAT HEAD, PAN HEAD, TRUSS HEAD, OR OTHER HEAD STYLES. PROVIDE (5) PITCHES MIN. PAST THE THREAD PLANE.



**ANCHORS LAYOUT AT SILL
5405 SX-SO R.H. SHOWN
5404 SO-SX L.H. OPPOSITE**

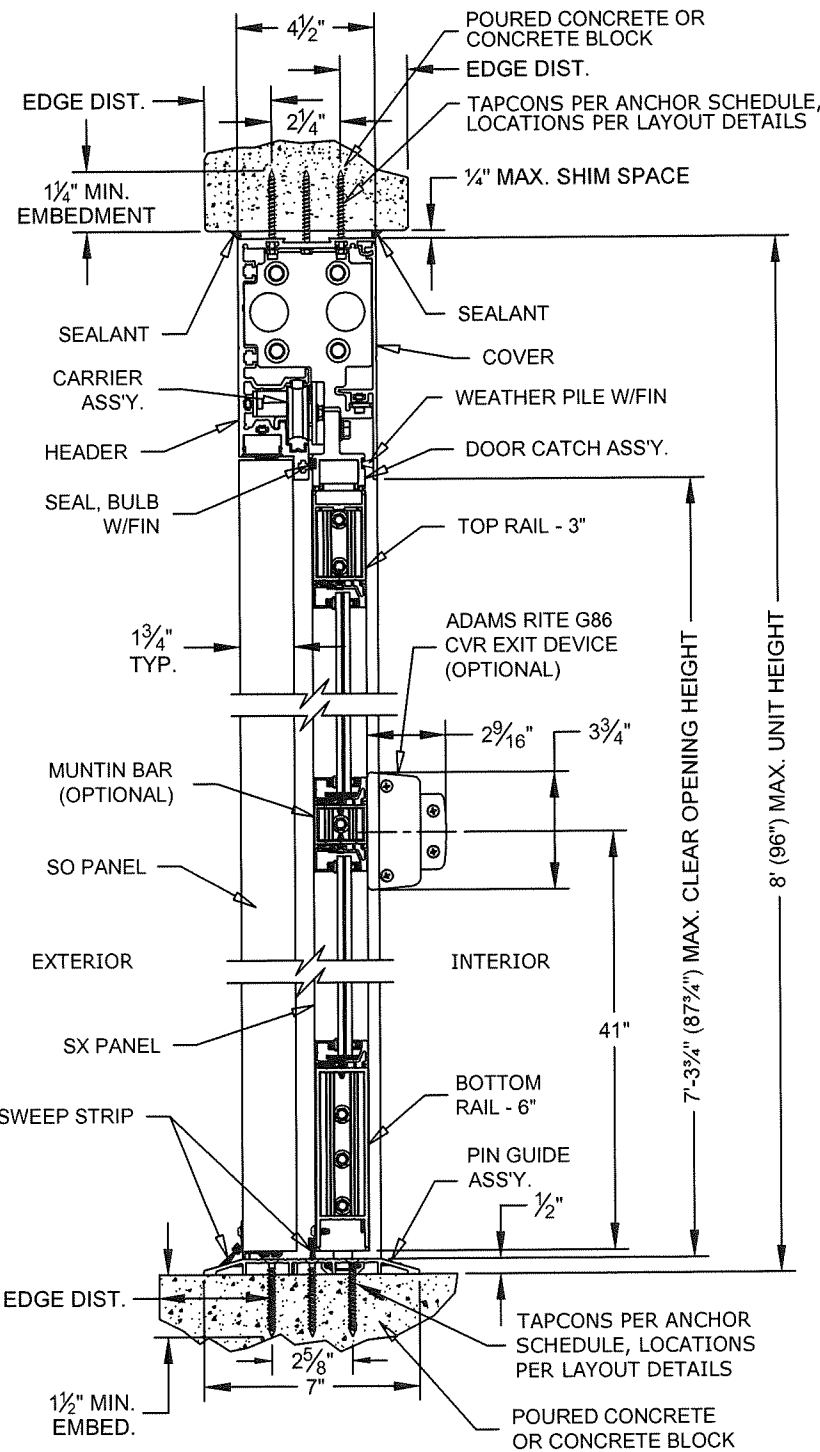
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SERIES 5400 ALUMINUM AUTOMATIC SLIDING GLASS DOORS
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	AML	KL	06/26/09
REV. PER BCCO COMMENT	KL	FLB	12/01/09
2010 FBC (09-REU-0001)	KL	FLB	03/19/12
REV FBC 2014	RWN	CSL	02/09/15
REV 2017 FBC	RWN	FLB	12/20/17
REV 2020 FBC	TAE	AJP	05/20/21

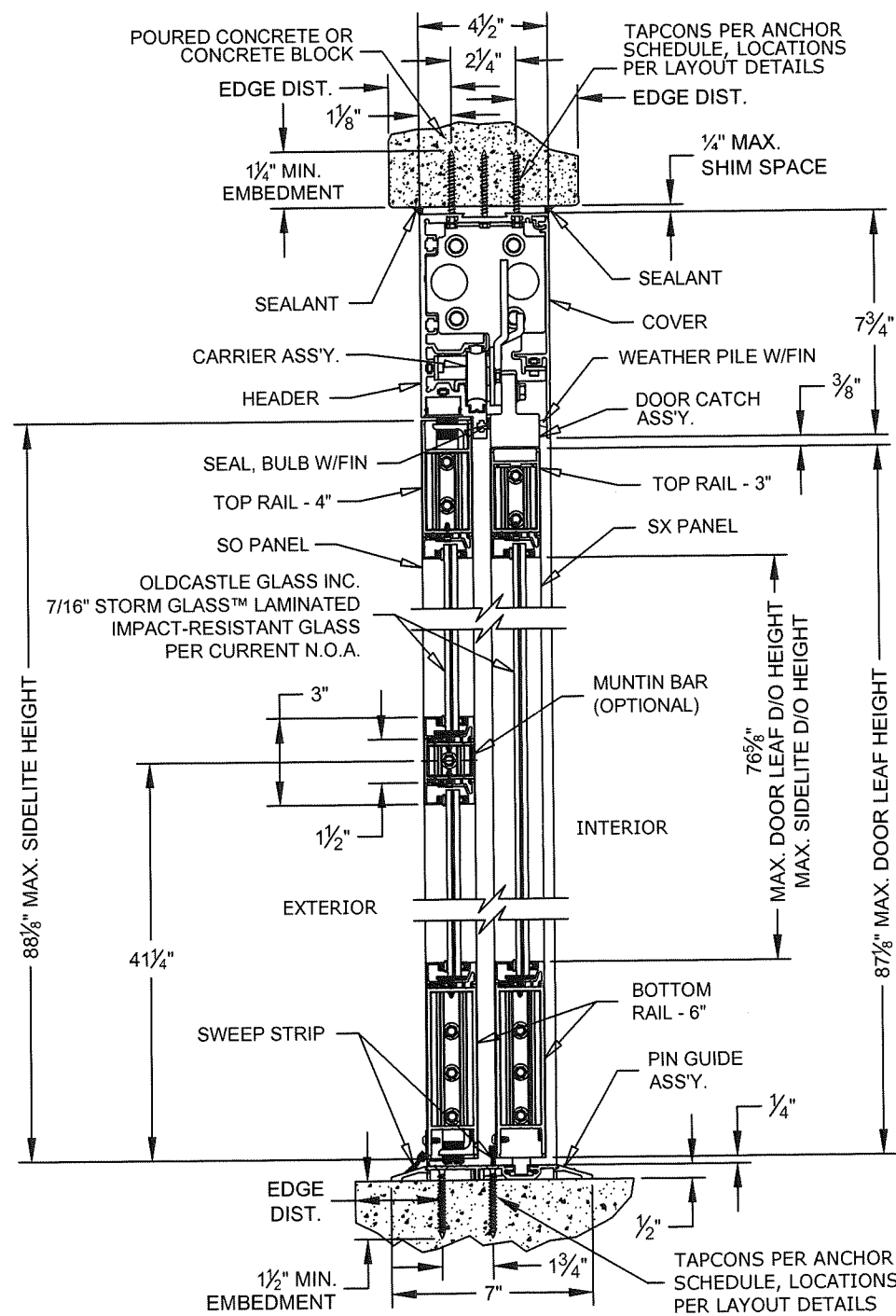
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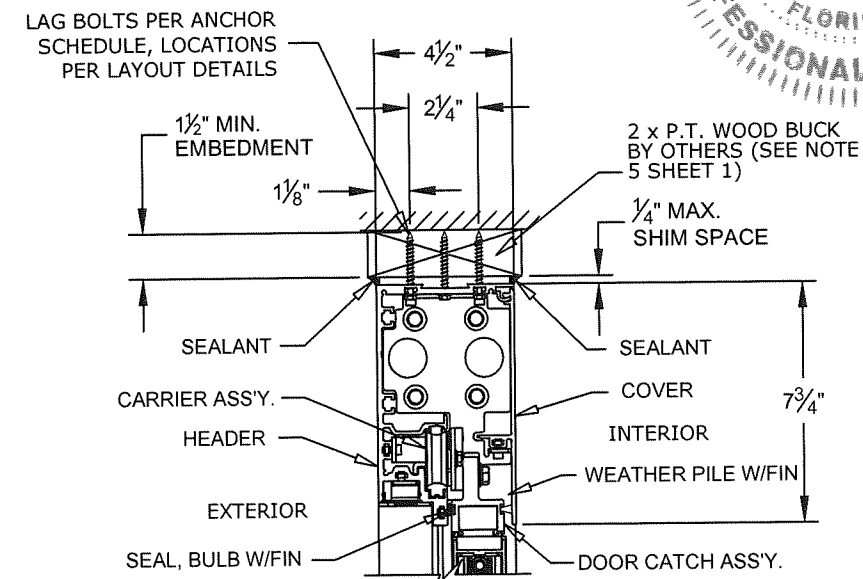
SECTION A-A

(SEE SECTION C-C FOR ADDITIONAL FASTENER DETAIL IN THRESHOLD)

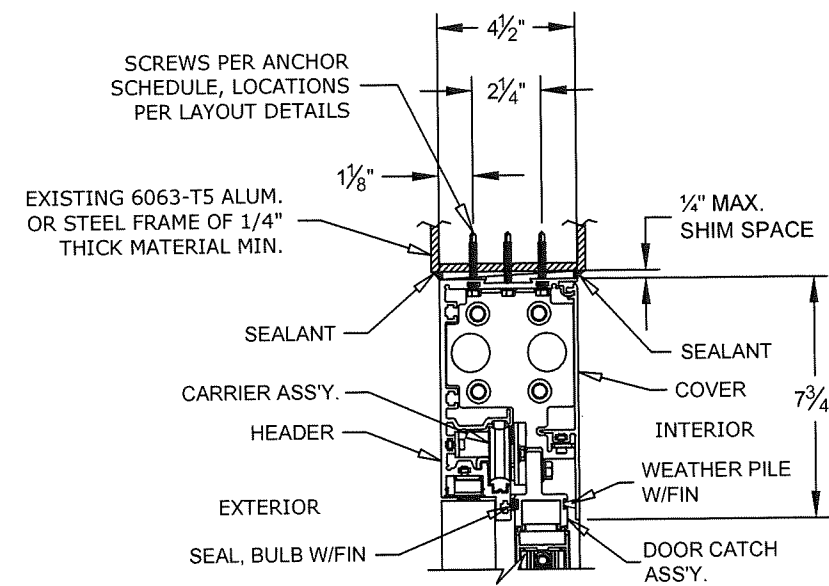


SECTION B-B

(SEE SECTION C-C FOR ADDITIONAL FASTENER DETAIL IN THRESHOLD)



WOOD ALTERNATIVE



METAL STRUCTURE ALTERNATIVE

FRANK BERNARDO, P.E.
PE# 0036549 CA# 9885

FRANK L. BERNARDO
LICENSE
No 46549
STATE OF FLORIDA
PROFESSIONAL ENGINEER

08/27/2021

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REV. PER 2014	IRWN	C.S.L.	02/09/15
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REV. PER 2020 FCC	TAE	AJP	05/20/21

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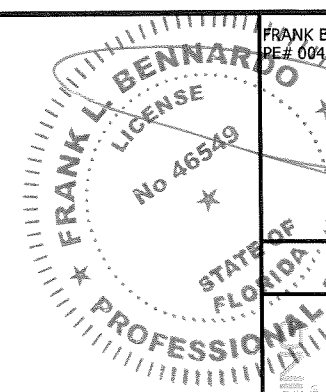
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Miami-Dade Product Control

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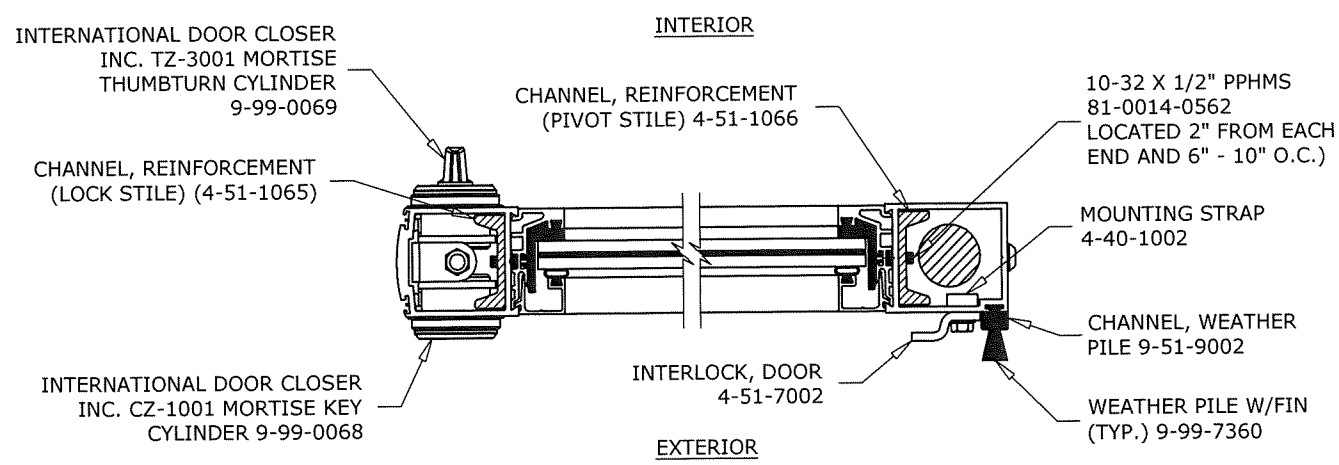
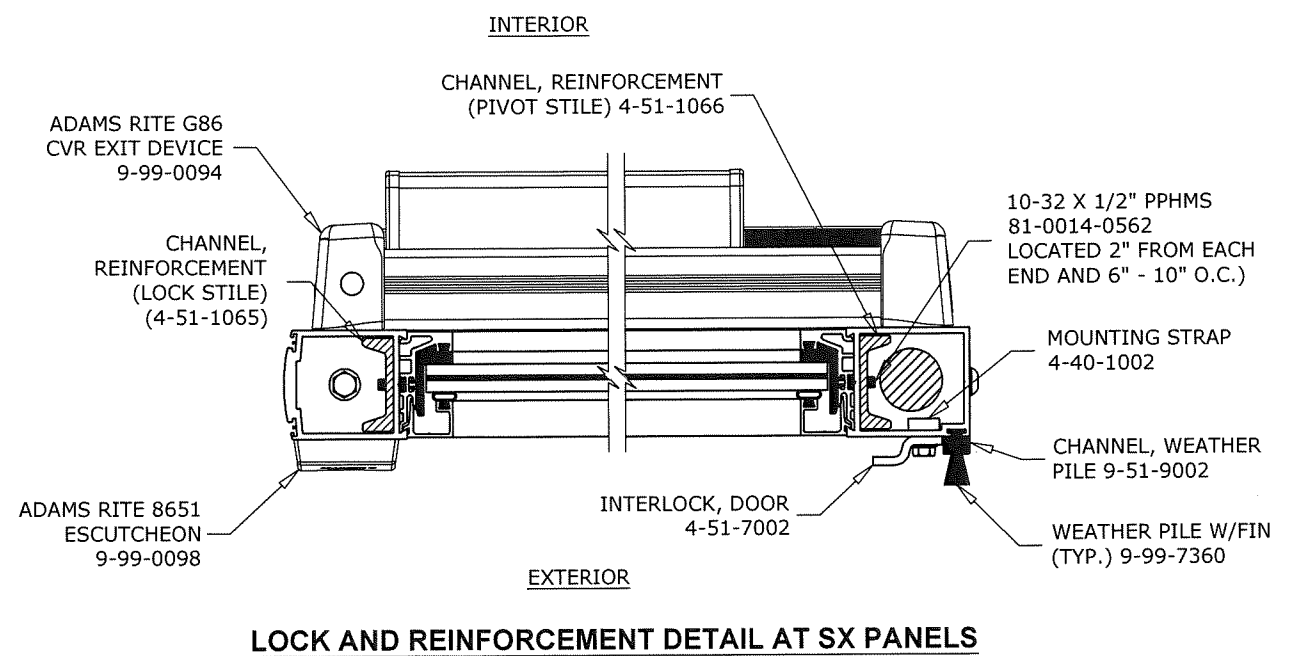
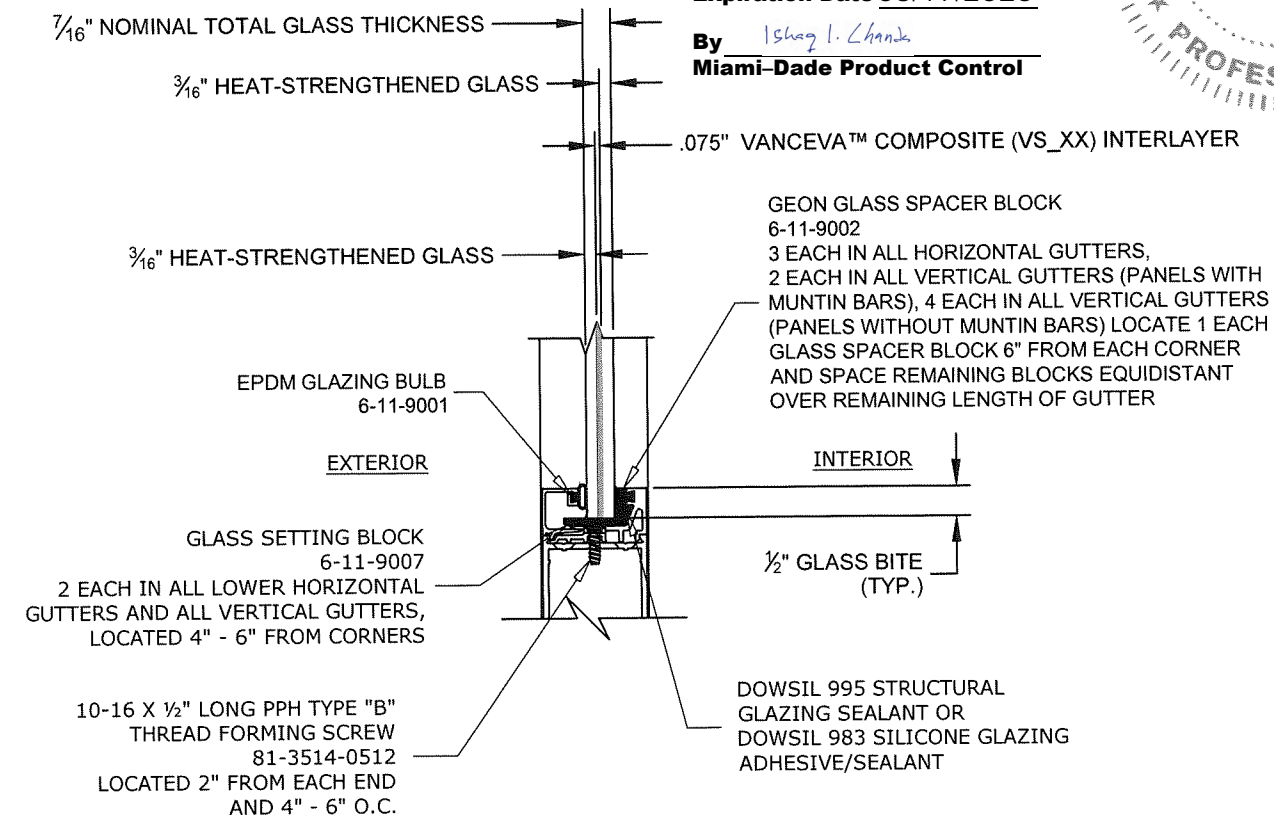
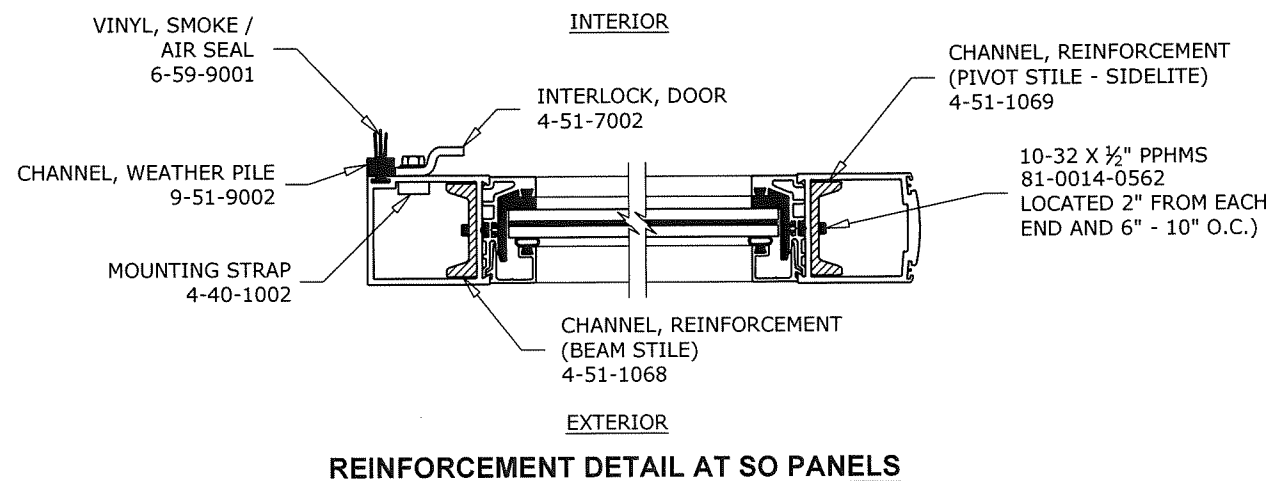
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Miami-Dade Product Control

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LOCK AND REINFORCEMENT DETAIL AT SX PANELS

LOCK AND REINFORCEMENT DETAIL AT SX PANELS

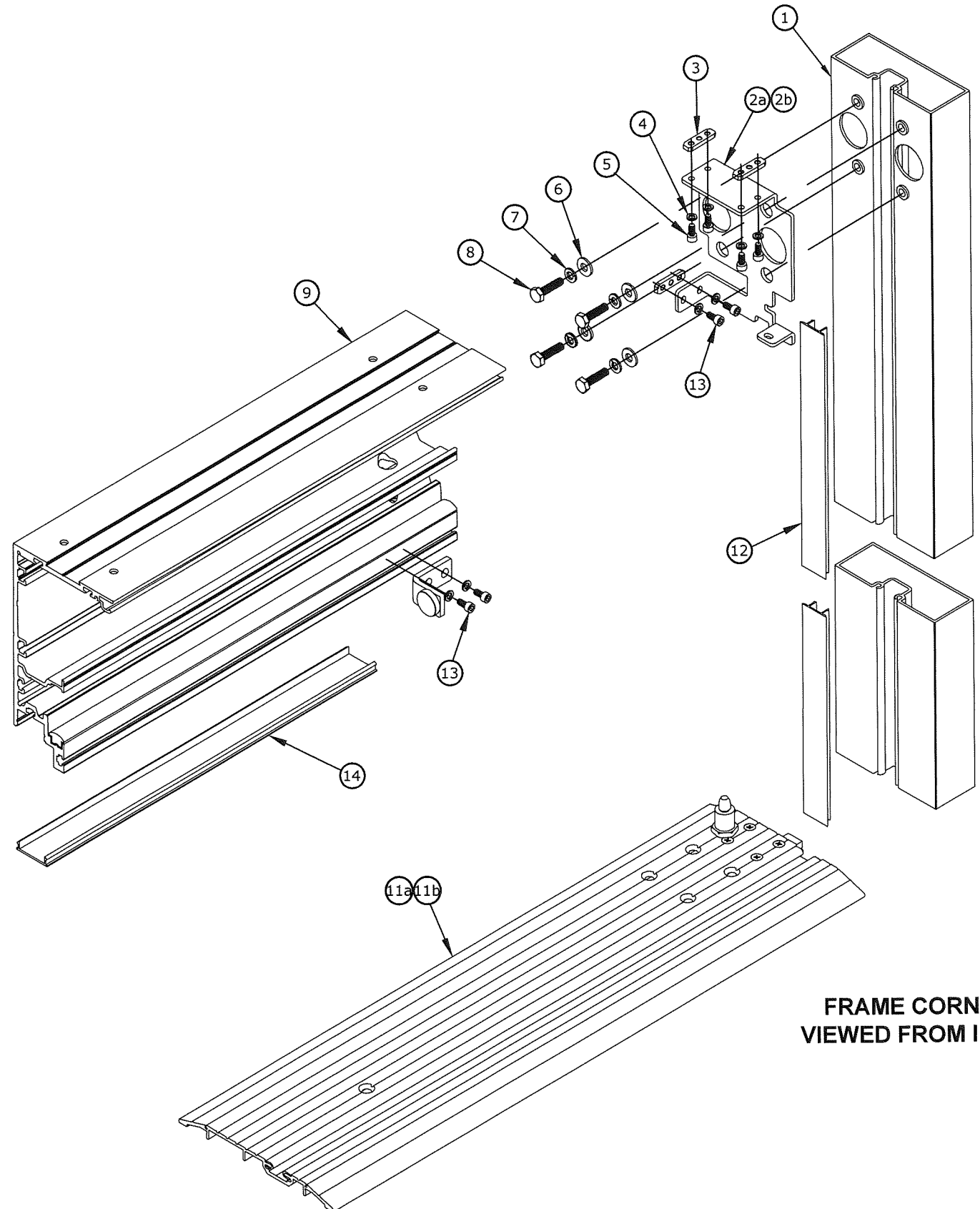
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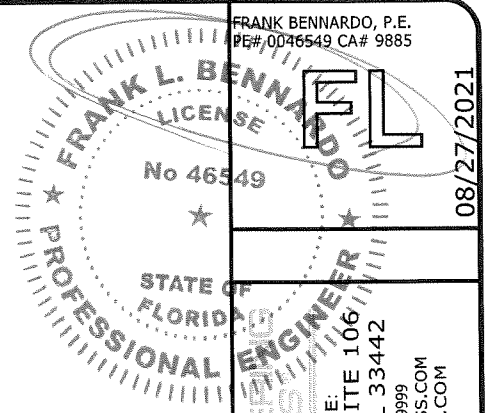
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FRAME CORNER DETAILS
VIEWED FROM INTERIOR SIDE

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Miami-Dade Product Control

HEADER / SIDE JAMB CORNER ATTACHMENT DETAIL			
ITEM NO.	PART NO.	DESCRIPTION	QUANTITY
1	5-60-1418	SIDE JAMB	2
2a	4-51-1055	BRACKET, HEADER MOUNTING - R.H.	1
2b	4-51-1056	BRACKET, HEADER MOUNTING - L.H.	1
3	4-51-1037	PLATE, NUT	8
4	9-99-7249	LOCK WASHER, SPLIT, #10	16
5	81-0016-2258	SCREW, 10-32 X 3/8" SHCS	8
6	9-99-7346	WASHER, 1/4" FLAT	8
7	9-99-7161	WASHER, 1/4" LOCK SPLIT	8
8	81-0088-3670	SCREW, 1/4-20 X 1" HHMS - GR. 8	8
9	5-51-4001	HEADER	1
10	4-51-0020	DOOR STOP ASS'Y.	2
11a	4-51-0150	PIN GUIDE THRESHOLD ASS'Y. - L.H.	1
11b	4-51-0151	PIN GUIDE THRESHOLD ASS'Y. - R.H.	1
12	5-60-1532	JAMB FILLER	2
13	81-0016-2562	SCREW, 10-32 X 1/2" SHCS	8
14	5-51-4003	FILLER, HEADER SOFFIT	3

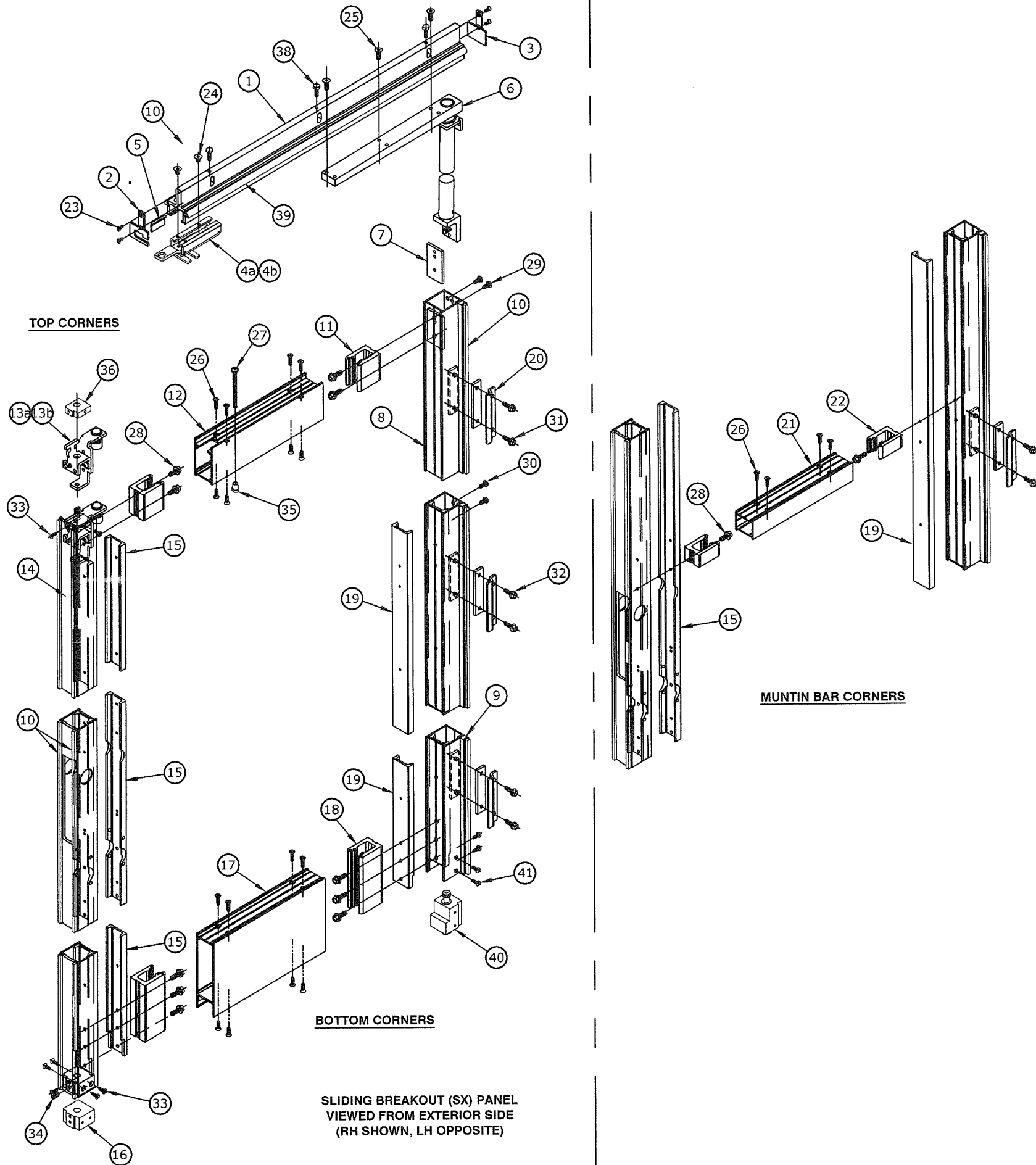


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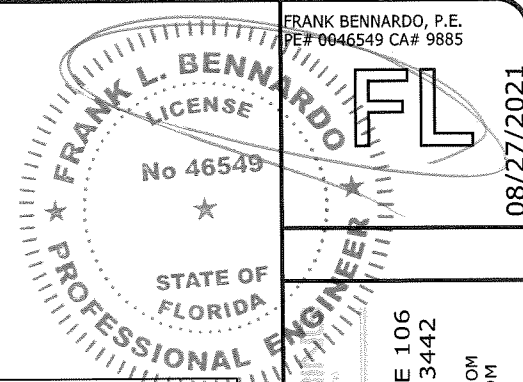
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SERIES 5400 ALUMINUM AUTOMATIC SLIDING GLASS DOORS
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REMARKS	DRWN	CHKD	DATE
INIT ISSUE	AVL	KL	06/26/09
REV. PER BCCO COMMENT	KL	FLB	12/01/09
2010 FBC (09-REU-0001)	KL	FLB	03/19/12
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REV 2017 FBC	RWN	FLB	12/20/17
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SLIDING BREAKOUT (SX) PANEL						
ITEM NO.	PART NO.	DESCRIPTION	QUANTITY			
			W/O MUNTIN BAR		W/MUNTIN BAR	
			L.H.	R.H.	L.H.	R.H.
1	5-51-4006	DOOR CATCH	1	1	1	1
2	4-59-1020	END CAP, DOOR CATCH (POSITIVE LATCH)	1	1	1	1
3	4-51-1049	END CAP, DOOR CATCH	1	1	1	1
4a	4-51-0027	DOOR CATCH ASS'Y. - L.H.	1	-	1	-
4b	4-51-0014	DOOR CATCH ASS'Y. - R.H.	-	1	-	1
5	4-51-9004	COVER, DOOR CATCH	1	1	1	1
6	4-51-0011	TORQUE BAR ASS'Y.	1	1	1	1
7	4-11-1082	PLATE, BACKER	1	1	1	1
8	5-11-4022	STILE, FIXED (NARROW)	1	1	1	1
9	6-51-9002	CHANNEL, WEATHER PILE	1	1	1	1
10	9-99-7360	WEATHER PILE W/FIN	A/R	A/R	A/R	A/R
11	4-11-4097	BLOCK, SHEAR	2	2	2	2
12	5-51-4009	RAIL - 3"	1	1	1	1
13a	4-51-0015	INTERLOCK ASS'Y. - L.H.	1	-	1	-
13b	4-51-0016	INTERLOCK ASS'Y. - R.H.	-	1	-	1
14	5-11-4021	STILE, TANDEM (NARROW)	1	1	1	1
15	4-51-1065	CHANNEL, REINFORCEMENT (LOCK STILE)	1	1	1	1
16	4-51-9007	BLOCK, FLUSHBOLT SUPPORT	1	1	1	1
17	5-11-4036	RAIL - 6"	1	1	1	1
18	4-51-4151	BLOCK, SHEAR	2	2	2	2
19	4-51-1066	CHANNEL, REINFORCEMENT (PIVOT STILE)	1	1	1	1
20	4-51-7002	INTERLOCK, DOOR	5	5	5	5
21	5-11-4031	MUNTIN BAR	-	-	1	1
22	4-11-4096	BLOCK, SHEAR	-	-	2	2
23	81-3511-0412-DB	SCREW, 8-18 X 1/2" PFHMS, TYPE B	4	4	4	4
24	81-0011-2658	SCREW, 1/4-20 X 3/8" SFCHCS	2	2	2	2
25	81-0011-2670	SCREW, 1/4-20 X 1" SFCHCS	3	3	3	3
26	81-4411-0516	SCREW, 10-24 X 3/4" PFHMS, TYPE 23	16	16	20	20
27	81-0014-0688	SCREW, 1/4-20 X 3" PPHMS	1	1	1	1
28	81-0017-3666	SCREW, 1/4-20 X 3/4" HWHMS, GR. 8	10	10	12	12
29	81-0016-2658	SCREW, 1/4-20 X 3/8" BSHCS - S.S.	2	2	2	2
30	81-0014-2670	SCREW, 1/4-20 X 1" BSHCS - S.S.	2	2	2	2
31	81-0017-3662	SCREW, 1/4-20 X 1/2" HWHMS, GR. 8	2	2	2	2
32	81-0017-3664	SCREW, 1/4-20 X 5/8" HWHMS, GR. 8	8	8	8	8
33	81-0011-0562	SCREW, 10-32 X 1/2" PFHMS	7	7	7	7
34	9-99-0113	PLUNGER, SPRING LOADED	1	1	1	1
35	9-99-2596	BLOCK, GLASS JACKING	1	1	1	1
36	4-51-4265	BLOCK, HEX BOLT GUIDE	5	5	5	5
37	4-40-1002	MOUNTING STRAP	5	5	5	5
38	81-0718-3666	SCREW, 1/4-20 X 3/4" HHMS, GR. 5 W/NYLOC STRIP	3	3	3	3
39	6-11-9009	SEAL, BULB W/FIN	A/R	A/R	A/R	A/R
40	4-51-0093	BOTTOM GUIDE ASS'Y.	1	1	1	1
41	81-0074-0562	SCREW, 10-32 X 1/2" PPHMS - STAINLESS STEEL	4	4	4	4

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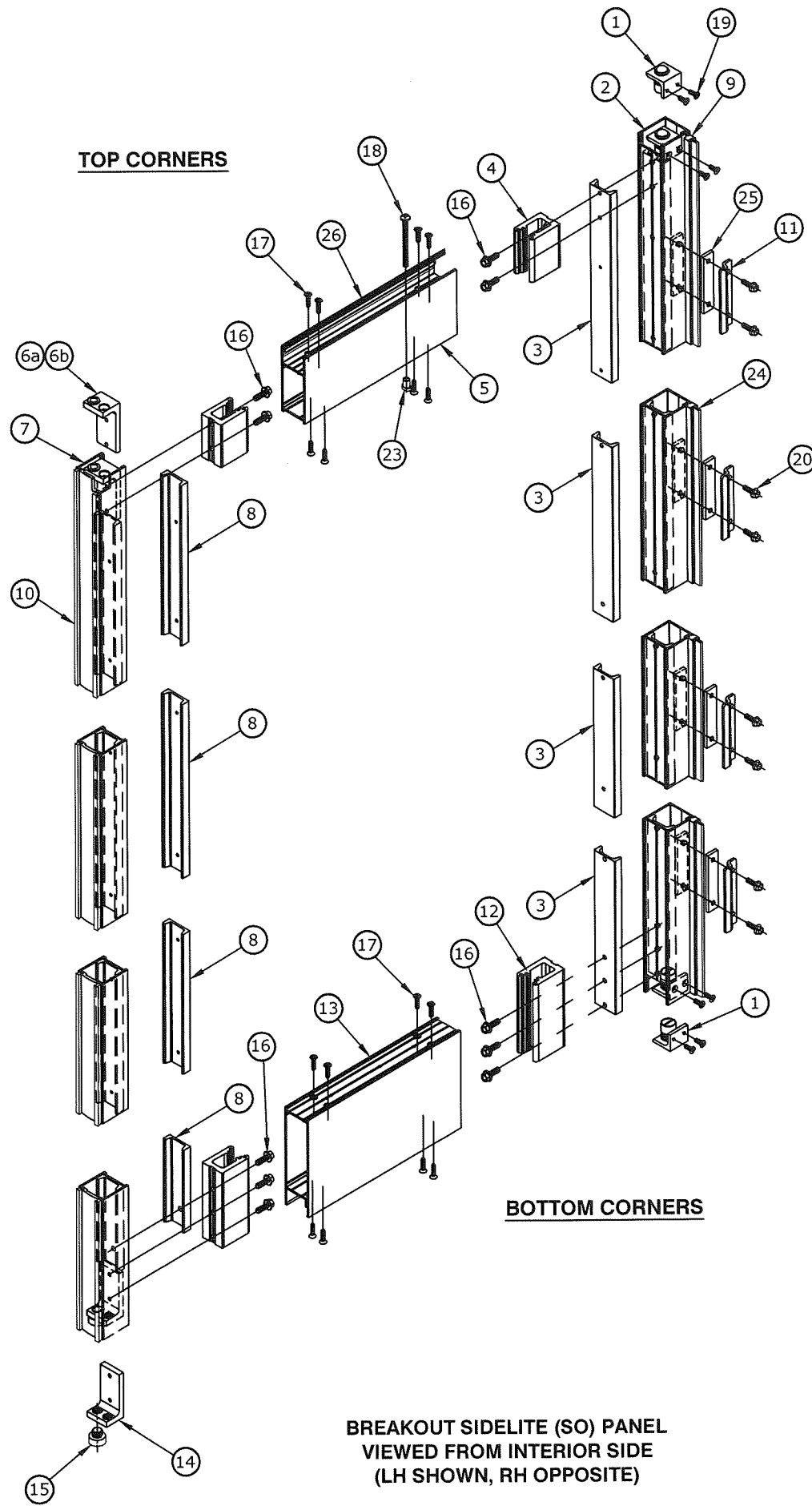
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 By *Ishag I. Chank*
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 PE# 0046549 CA# 9885

No 46549
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 PROFESSIONAL ENGINEER

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BREAKAWAY SIDELITE (SO) PANEL						
ITEM NO.	PART NO.	DESCRIPTION	QUANTITY			
			W/O MUNTIN BAR		W/MUNTIN BAR	
			L.H.	R.H.	L.H.	R.H.
1	4-70-0672	ROLLER CATCH ASS'Y.	2	2	2	2
2	5-11-4022	STILE, FIXED (NARROW)	1	1	1	1
3	4-51-1068	CHANNEL, REINFORCEMENT (BEAM STILE)	1	1	1	1
4	4-11-4098	BLOCK, SHEAR	2	2	2	2
5	5-11-4034	RAIL - 4"	1	1	1	1
6a	4-11-0432	ANGLE ASS'Y., SIDELITE PIVOT (TOP) - L.H.	1	-	1	-
6b	4-11-0433	ANGLE ASS'Y., SIDELITE PIVOT (TOP) - R.H.	-	1	-	1
7	5-11-4021	STILE, TANDEM (NARROW)	1	1	1	1
8	4-51-1069	CHANNEL, REINFORCEMENT (PIVOT STILE)	1	1	1	1
9	6-51-9002	CHANNEL, WEATHER PILE	1	1	1	1
10	9-99-7360	WEATHER PILE W/FIN	A/R	A/R	A/R	A/R
11	4-51-7002	INTERLOCK, DOOR	5	5	5	5
12	4-51-4151	BLOCK, SHEAR	1	1	1	1
13	5-11-4036	RAIL - 6"	1	1	1	1
14	4-51-1067	ANGLE, SIDELITE PIVOT (BOTTOM)	1	1	1	1
15	4-51-7003	BUSHING, SIDELITE PIVOT (BOTTOM)	1	1	1	1
16	81-0017-3666	SCREW, 1/4-20 X 3/4" HWHMS, GR. 8	10	10	12	12
17	81-4411-0516	SCREW, 10-24 X 3/4" PFHMS, TYPE 23	16	16	20	20
18	81-0014-0690	SCREW, 1/4-20 X 3 1/2" PPHMS	1	1	1	1
19	81-0012-0562	SCREW, 10-32 X 5/16" PFUHMS	4	4	4	4
20	81-0017-3664	SCREW, 1/4-20 X 5/8" HWHMS, GR. 8	10	10	10	10
21	5-11-4031	MUNTIN BAR	-	-	1	1
22	4-11-4096	BLOCK, SHEAR	-	-	2	2
23	9-99-2596	BLOCK, GLASS JACKING	1	1	1	1
24	6-59-9001	VINYL, SMOKE / AIR SEAL	A/R	A/R	A/R	A/R
25	4-40-1002	MOUNTING STRAP	5	5	5	5
26	9-99-7361	SEAL, SIDELITE (TOP)	1	1	1	1

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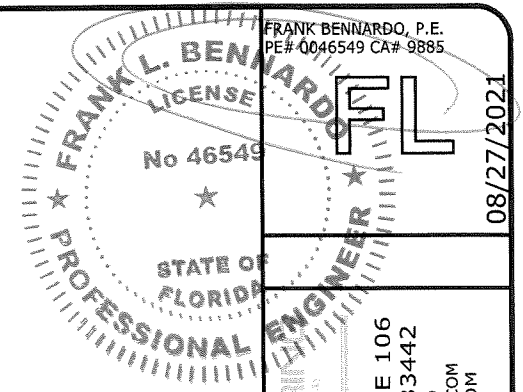
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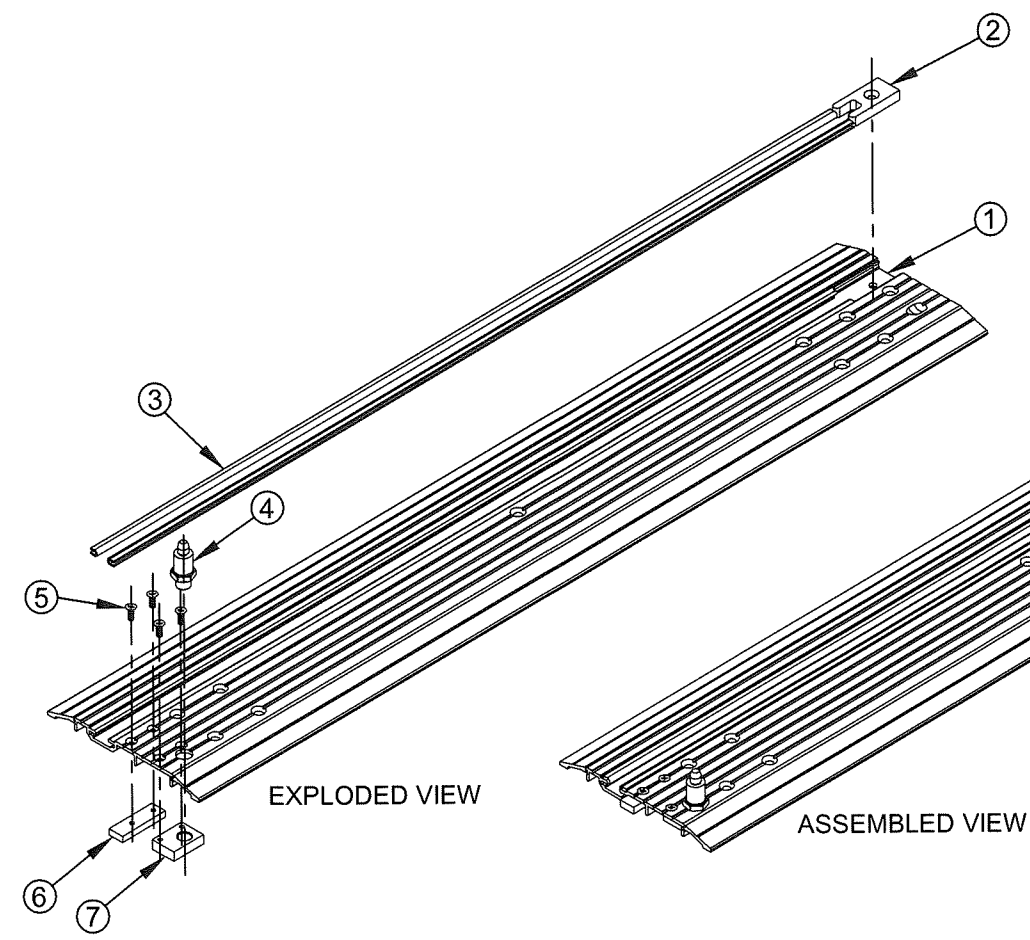
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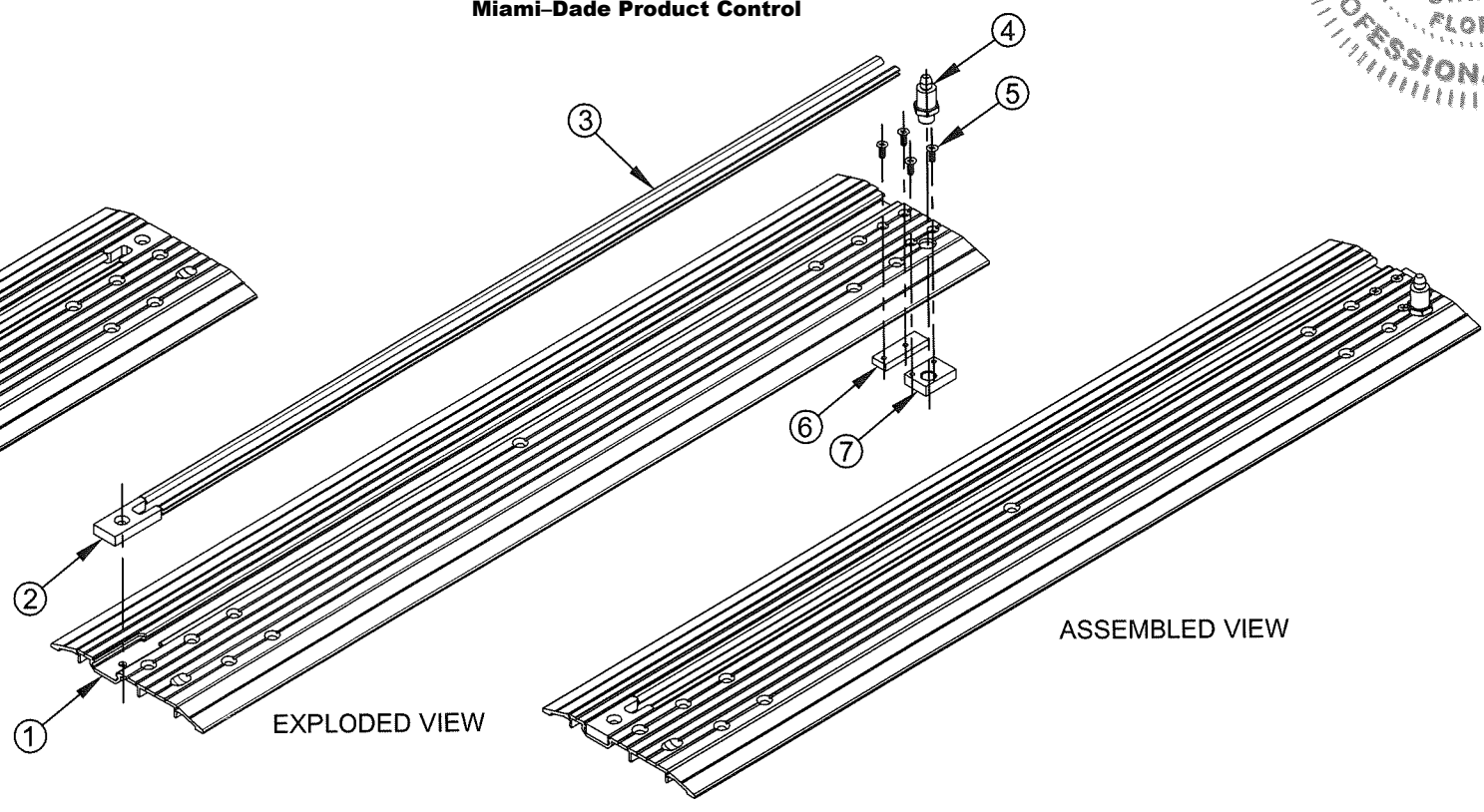
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PIN GUIDE THRESHOLD ASS'Y. - L.H.
 PART NO.: 4-51-0160
 SCALE: 1" = 6"

BILL OF MATERIALS			
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	4-51-4260	PIN GUIDE THRESHOLD MACHINING - L.H.	1
2	4-51-7005	PLATE, PIN GUIDE SUPPORT	1
3	9-70-0077	BUMPER, PIN GUIDE	2
4	4-11-1031	PIN, SIDELITE PIVOT (BOTTOM)	1
5	81-0011-0562	SCREW, 10-32 X 1/2" FFHMS	4
6	4-51-4009	BAR, ALIGNMENT (PIN GUIDE THRESHOLD)	1
7	4-51-4265	BLOCK, SIDELITE PIVOT (BOTTOM)	1



PIN GUIDE THRESHOLD ASS'Y. - R.H.
 PART NO.: 4-51-0161
 SCALE: 1" = 6"

BILL OF MATERIALS			
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	4-51-4261	PIN GUIDE THRESHOLD MACHINING - R.H.	1
2	4-51-7005	PLATE, PIN GUIDE SUPPORT	1
3	9-70-0077	BUMPER, PIN GUIDE	2
4	4-11-1031	PIN, SIDELITE PIVOT (BOTTOM)	1
5	81-0011-0562	SCREW, 10-32 X 1/2" FFHMS	4
6	4-51-4009	BAR, ALIGNMENT (PIN GUIDE THRESHOLD)	1
7	4-51-4265	BLOCK, SIDELITE PIVOT (BOTTOM)	1

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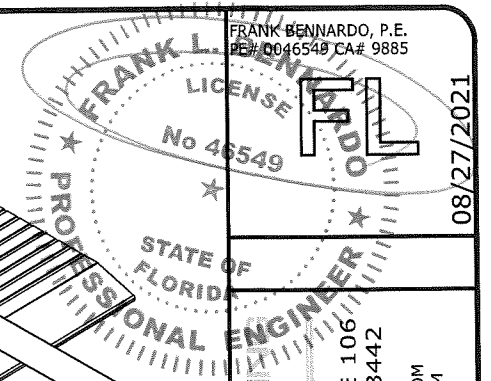
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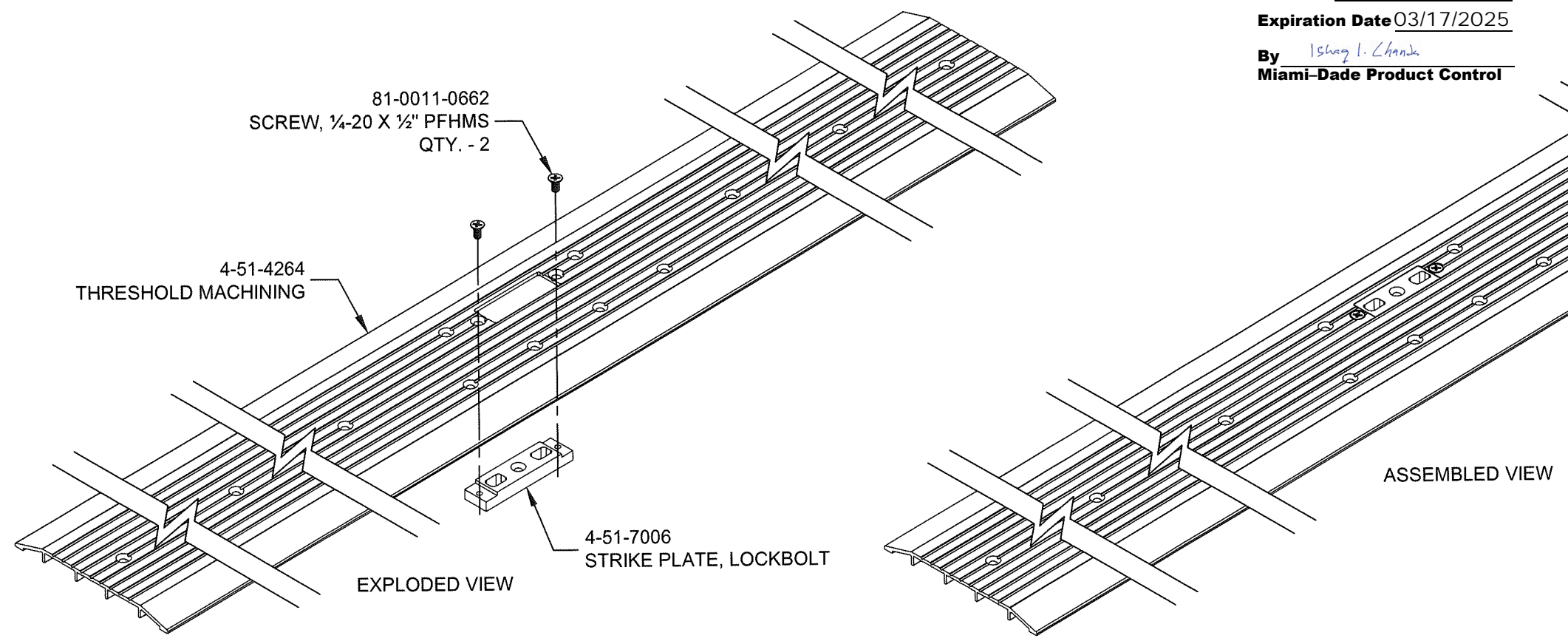
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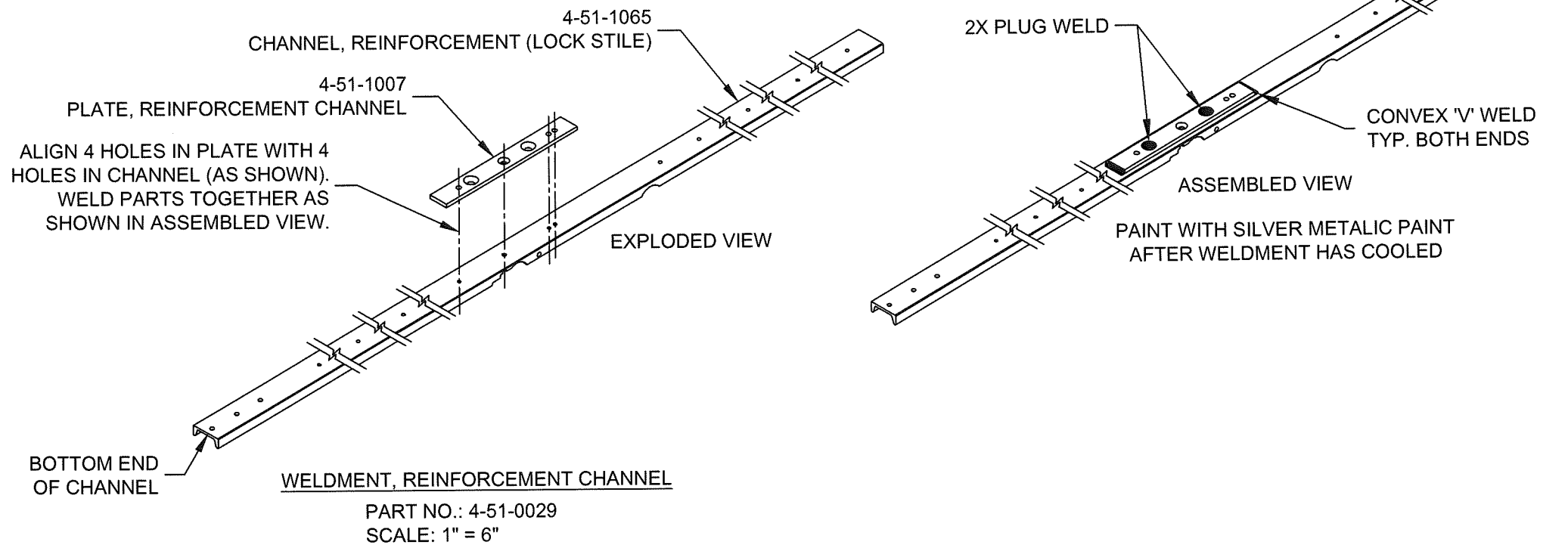


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THRESHOLD ASS'Y. - BIPART
 PART NO.: 4-51-0164
 SCALE: 1/4" = 1"



WELDMENT, REINFORCEMENT CHANNEL
 PART NO.: 4-51-0029
 SCALE: 1" = 6"

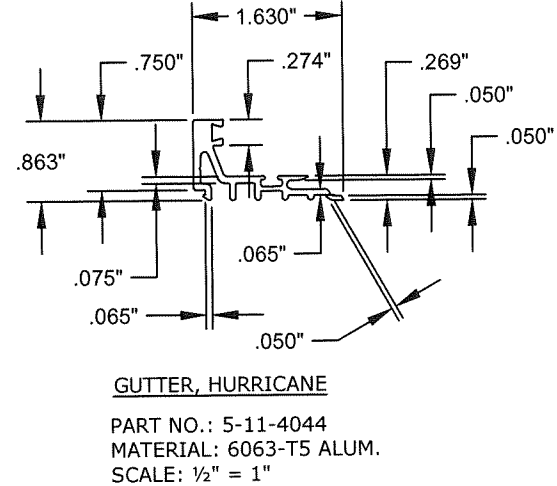
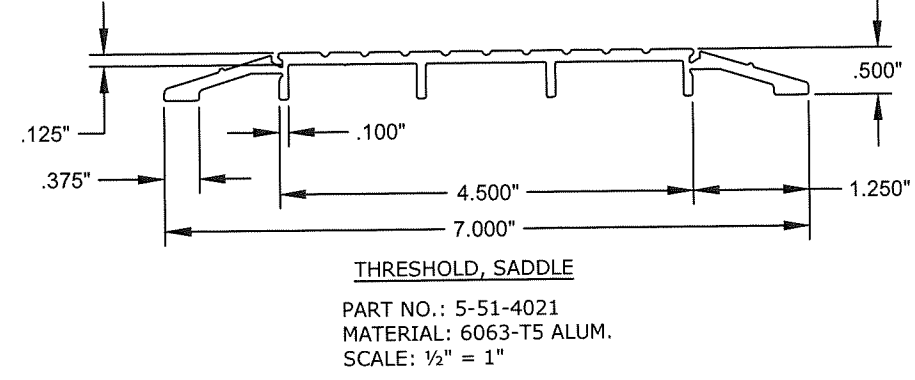
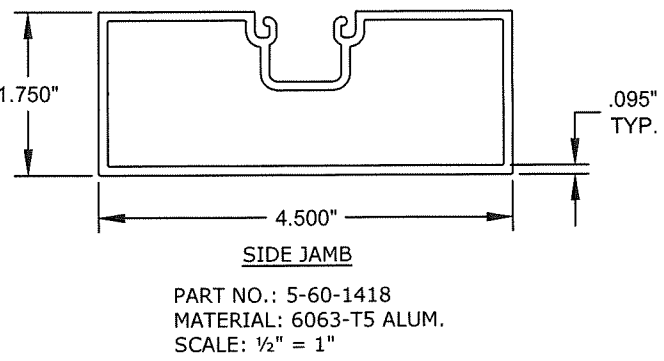
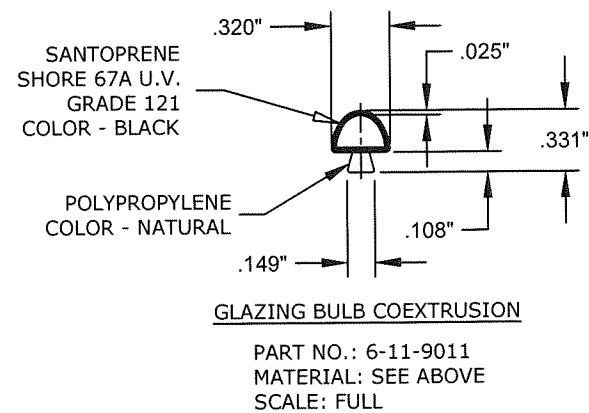
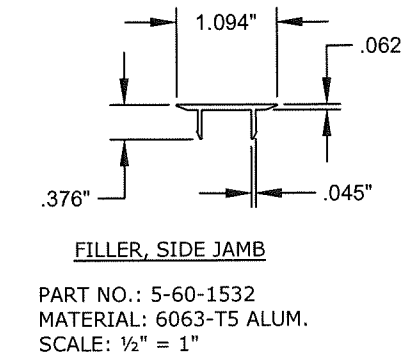
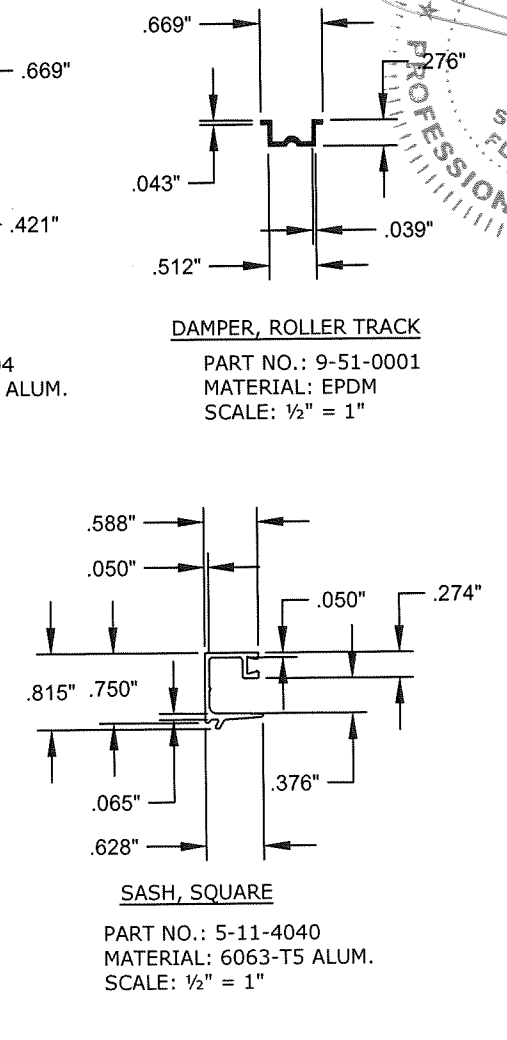
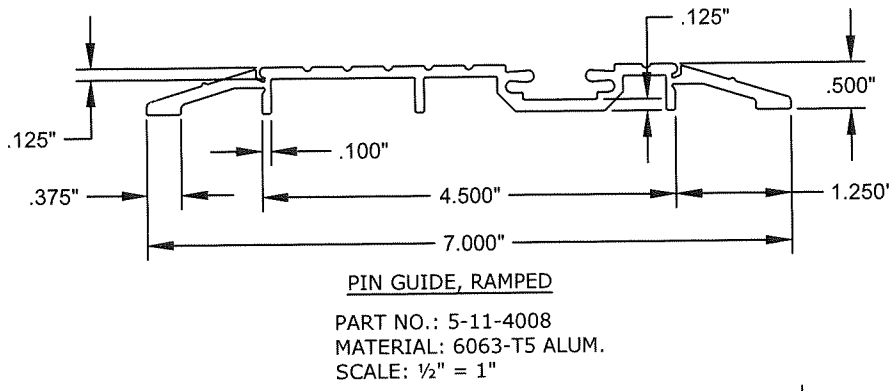
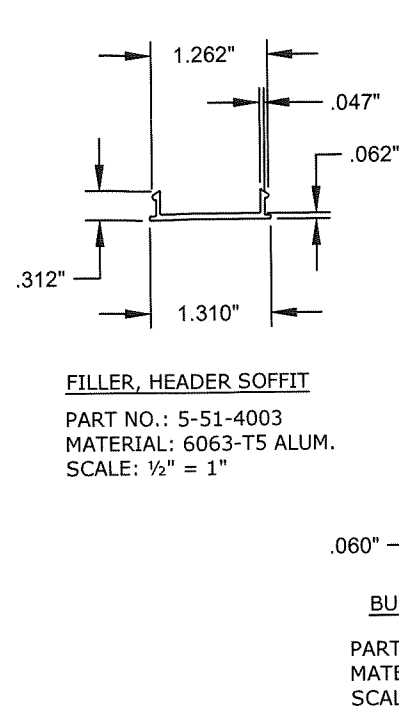
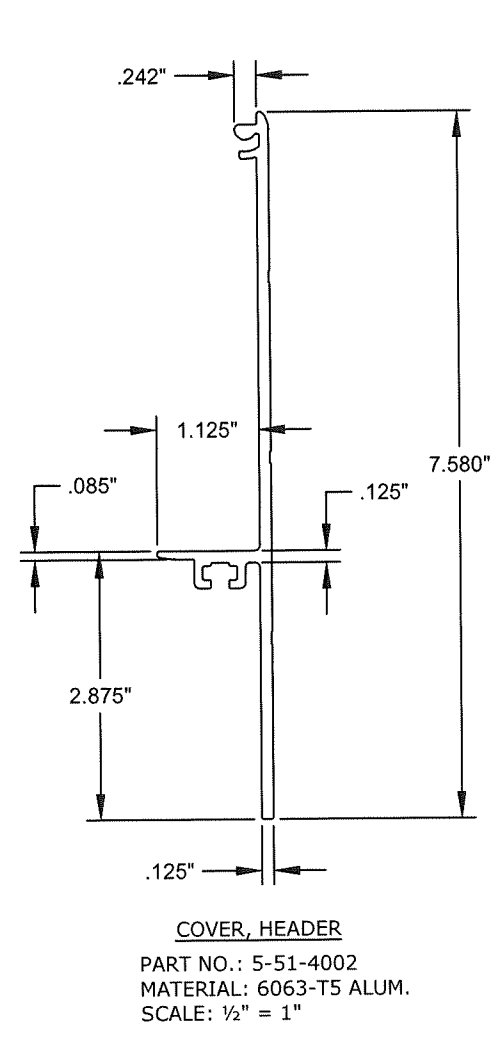
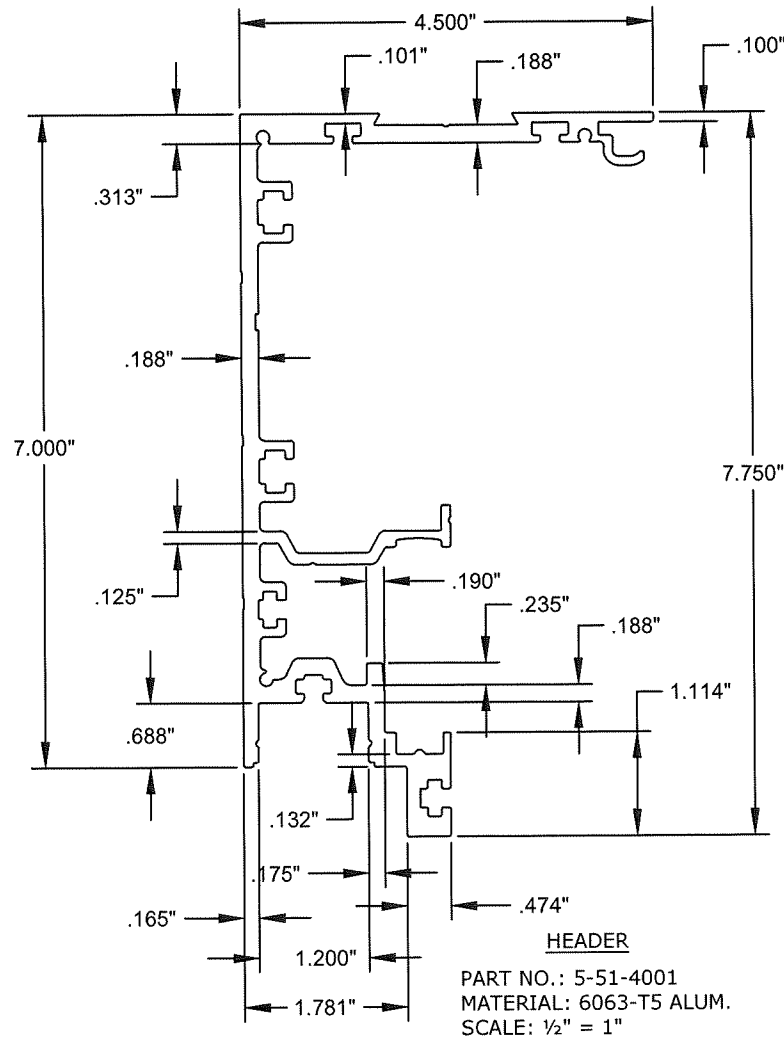
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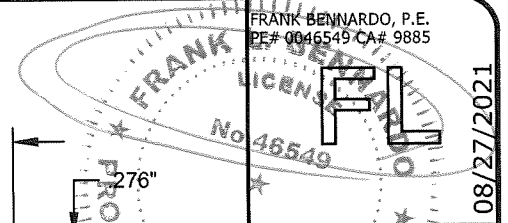
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NOTE: ALL ALUMINUM EXTRUSIONS SHALL HAVE A MINIMUM Fu=31 ksi & Fy=26200 psi.



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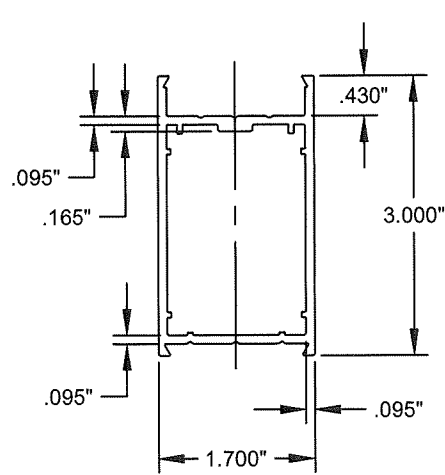
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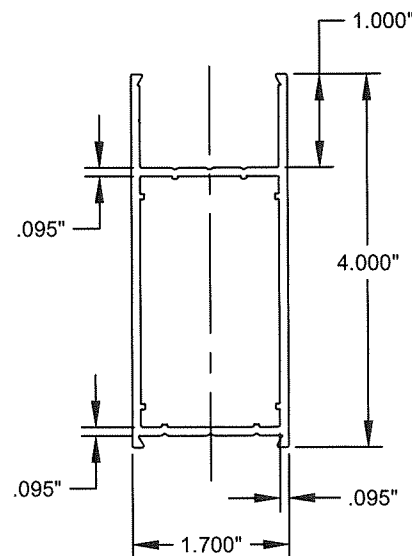
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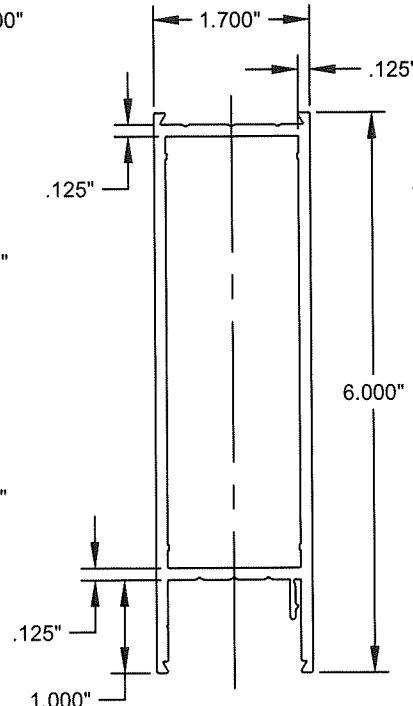
RAIL, TOP (SX PANEL)

PART NO.: 5-51-4009
 MATERIAL: 6063-T5 ALUM.
 SCALE: 1/2" = 1"



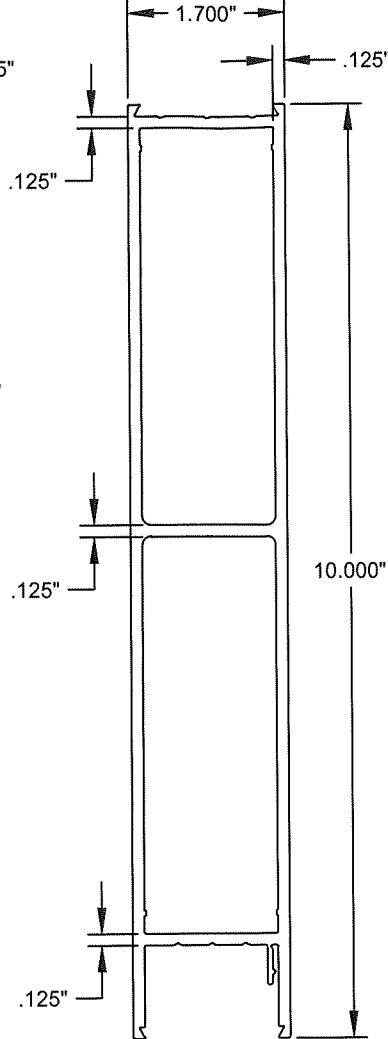
RAIL, TOP (SO PANEL)

PART NO.: 5-11-4034
 MATERIAL: 6063-T5 ALUM.
 SCALE: 1/2" = 1"



RAIL, BOTTOM - 6"

PART NO.: 5-11-4036
 MATERIAL: 6063-T5 ALUM.
 SCALE: 1/2" = 1"



RAIL, BOTTOM - 10" (OPTIONAL)

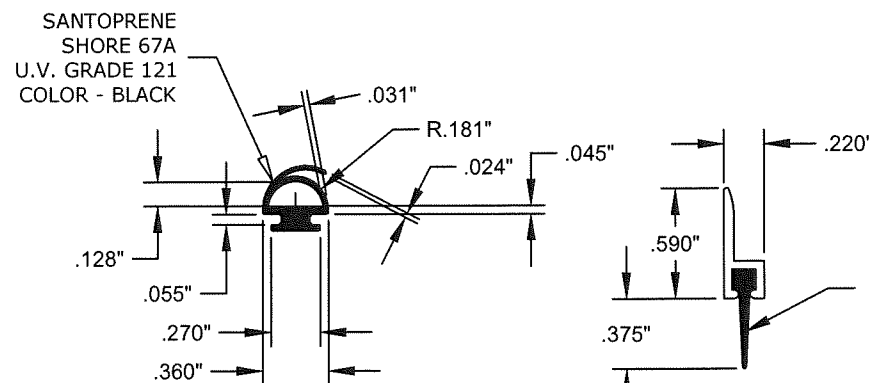
PART NO.: 5-51-4011
 MATERIAL: 6063-T5 ALUM.
 SCALE: 1/2" = 1"

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 as complying with the Florida
 Building Code

NOA-No. 21-0630.07

Expiration Date 03/17/2025

By *Isaac L. Chan*
 Miami-Dade Product Control

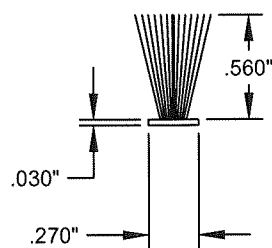


SEAL, BULB W/FIN

PART NO.: 6-11-9009
 MATERIAL: ZERO INT'L. #870N
 SCALE: FULL

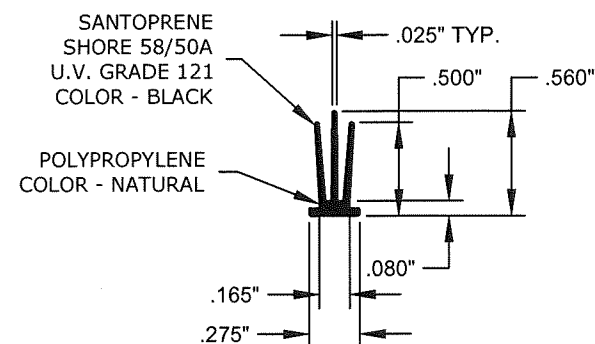
SEAL, SIDELITE (TOP)

PART NO.: 9-99-7361
 MATERIAL: ZERO INT'L. 8194AA
 SCALE: FULL



WEATHER PILE W/FIN

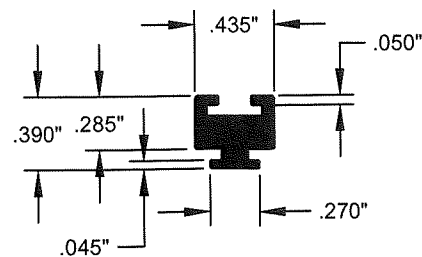
PART NO.: 9-99-7360
 MATERIAL: ULTRAFAB SOFT
 TOUCH FIN SCALE: FULL



VINYL, SMOKE / AIR SEAL

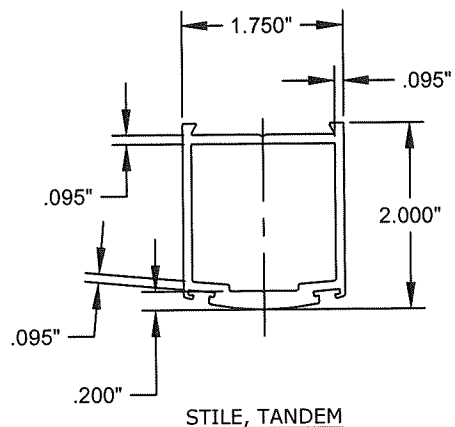
PART NO.: 6-59-9001
 MATERIAL: SEE ABOVE
 SCALE: FULL

NOTE: ALL ALUMINUM EXTRUSIONS SHALL
 HAVE A MINIMUM Fu=31 ksi & Fy=26200 psi.



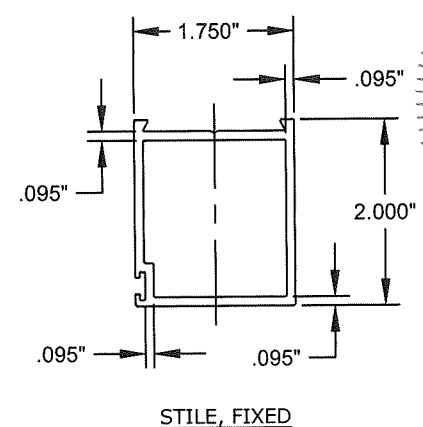
CHANNEL, WEATHER PILE

PART NO.: 6-51-9002
 MATERIAL: GEON 8700 PVC
 SCALE: FULL



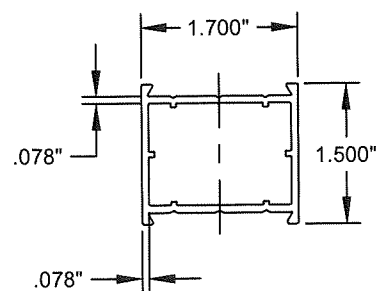
STILE, TANDEM

PART NO.: 5-11-4021
 MATERIAL: 6063-T5 ALUM.
 SCALE: 1/2" = 1"



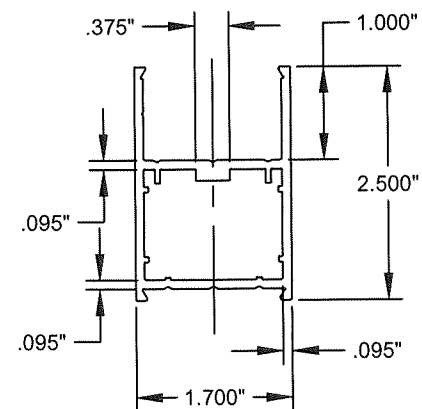
STILE, FIXED

PART NO.: 5-11-4022
 MATERIAL: 6063-T5 ALUM.
 SCALE: 1/2" = 1"



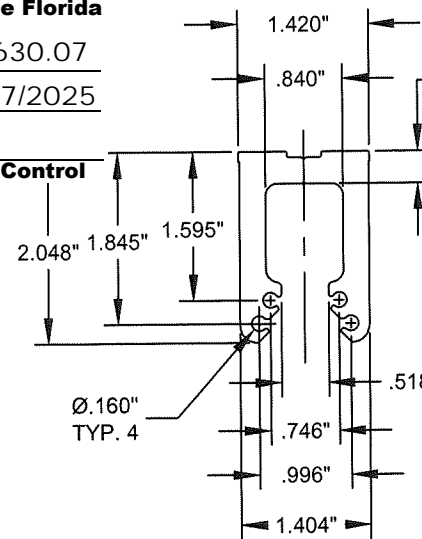
MUNTIN BAR

PART NO.: 5-11-4031
 MATERIAL: 6063-T5 ALUM.
 SCALE: 1/2" = 1"



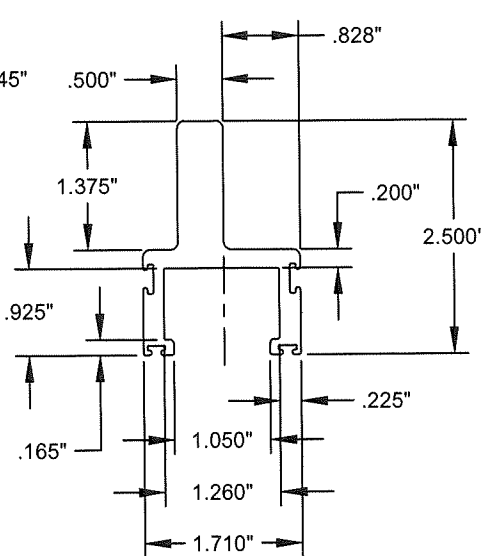
MUNTIN BAR (OPTIONAL)

PART NO.: 5-11-4032
 MATERIAL: 6063-T5 ALUM.
 SCALE: 1/2" = 1"



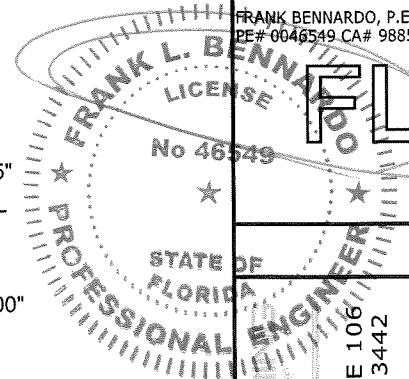
BLOCK, SHEAR

PART NO.: 5-11-4027
 MATERIAL: 6063-T5 ALUM.
 SCALE: 1/2" = 1"



DOOR CATCH

PART NO.: 5-51-4006
 MATERIAL: 6063-T5 ALUM.
 SCALE: 1/2" = 1"



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SERIES 5400 ALUMINUM AUTOMATIC SLIDING GLASS DOORS
 LARGE MISSILE IMPACT RESISTANT
 MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	AML	KL	06/26/09
REV. PER BCCO COMMENT	KL	FLB	12/01/09
2010 FBC (09-REL-0001)	KL	FLB	03/19/12
REV FBC 2014	RWN	CSL	02/09/15
REV 2017 FBC	RWN	FLB	12/20/17
REV 2020 FBC	TAE	AJP	06/20/21

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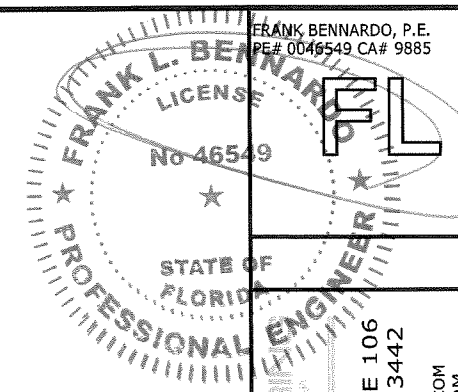
SCALE: NTS UNLESS NOTED

17 of 23

08/27/2021

CONSOLIDATED BILL OF MATERIALS

DESCRIPTION	record-usa PART NO.	MATERIAL	MANUFACTURER / REMARKS
TORQUE BAR ASS'Y.	4-51-0011		
WELDMENT, TORQUE BAR	4-51-0001		
PIVOT, TORQUE BAR BOTTOM	4-70-4104	2" X 2" X 3/8" ALUMINUM ANGLE	
PIVOT PIN, TORQUE BAR	4-70-1034	Ø3/8" x 1 1/8" STEEL CLEVIS PIN	
PIN, SPRING (TORQUE BAR)	9-99-3922	Ø3/16" X 1" STEEL SLOTTED SPRING PIN	
RETAINING RING, TORQUE BAR ASS'Y.	9-99-4625		ROTOR CLIP #SHR-98
BRACKET, TORQUE BAR SUPPORT	4-51-1003	3/16" C.R.S., ZINC PLATE	
PLATE, TORQUE BAR	4-51-1013	3/4" X 1 1/4" AISI 1018 COLD FINISHED FLAT BAR	
BAR, TORQUE	4-51-1014	Ø1.00" AISI 1018 ROUND STEEL BAR	
DOOR CATCH ASS'Y. - L.H.	4-51-0013		
DOOR CATCH ASS'Y. - R.H.	4-51-0027		
HOUSING, DOOR CATCH ASS'Y. - L.H.	4-51-1038	11 GA. (.1196) C.R.S., ZINC PLATE	
HOUSING, DOOR CATCH ASS'Y. - R.H.	4-51-1036	MAKE FROM 4-51-1038	
INTERLOCK, DOOR CATCH - L.H.	4-51-1039	10 GA. (.1345) C.R.S., ZINC PLATE	
INTERLOCK, DOOR CATCH - R.H.	4-51-1040	10 GA. (.1345) C.R.S., ZINC PLATE	
PLATE, DOOR INTERLOCK	4-51-1064	3/16" H.R.P.O., ZINC PLATE	
BALL PLUNGER ASS'Y.	4-70-0582		
PLUG, BALL PLUNGER	4-11-4090	Ø1 1/16" 6061-T6511 ALUMINUM ROUND BAR	
SPRING, BALL PLUNGER	9-99-5689	Ø.080 STEEL MUSIC WIRE, ZINC PLATE	
BALL, SPRING PLUNGER	9-99-0104	BALL, CHROME ALLOY STEEL, Ø5/8"	
HOUSING, BALL PLUNGER	4-11-2001	Ø3/4" FREE CUTTING BRASS ROUND ROD	
DOOR STOP ASS'Y.	4-51-0020		
BUMPER, DOOR STOP	9-99-2598	MEDIUM-HARD SRB RUBBER, SHORE 55A, BLACK	McMASTER CARR P/N 9310K124
BRACKET, DOOR STOP	4-51-1006	3/16" C.R.S., BLACK OXIDE	
DOOR INTERLOCK ASS'Y. - L.H.	4-51-0015		
DOOR INTERLOCK ASS'Y. - R.H.	4-51-0016		
PLATE, DOOR INTERLOCK ASS'Y.	4-51-1042	7 GA. (.1793) C.R.S., ZINC PLATE	
BRACKET, INTERLOCK ASS'Y.	4-51-1041	3/16" (.1875) C.R.S., ZINC PLATE	
PLUNGER, SPRING LOADED	9-99-0113		VLIER P/N NM-55N
CARRIER ROLLER ASS'Y.	4-51-0005		
BODY, CARRIER ROLLER	9-51-0002	PA6 - POLYAMIDE (NYLON) 6	



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08/27/2021

PRODUCT REVISED
 as complying with the Florida Building Code
 NOA-No. 21-0630.07
 Expiration Date 03/17/2025
 By *Ishaq I. Chandra*
 Miami-Dade Product Control

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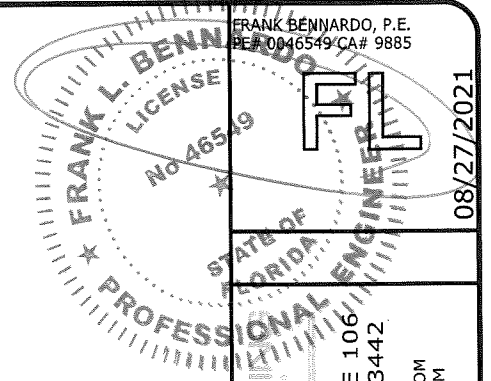
REMARKS	DRWN	CHKD	DATE
INIT ISSUE	AML	KL	06/26/09
REV. PER BCCO COMMENT	KL	FLB	12/01/09
2010 FCC (09-REU-0001)	KL	FLB	03/19/12
REV FCC 2014	RWN	CSL	02/09/15
REV 2017 FCC	RWN	FLB	12/20/17
REV 2020 FCC	TAE	AJP	05/20/21

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CONSOLIDATED BILL OF MATERIALS

DESCRIPTION	record-usa PART NO.	MATERIAL	MANUFACTURER / REMARKS
BALL BEARING, CARRIER ROLLER	9-07-0049	6201-Z BALL BEARING	JESA W2
RETAINING RING, CARRIER ROLLER	9-99-4624		ROTOR CLIP #DHO-32
ROLLER ASS'Y., ANTI-RISE	9-99-3922		
ROLLER, ANTI-RISE	9-51-9006	DELTRIN, WHITE	
AXLE, ANTI-RISE ROLLER	4-51-7001	Ø½" TYPE 303 STAINLESS STEEL ROUND BAR	
RETAINING RING, ANTI-RISE ROLLER	9-99-4629		ROTOR CLIP #PO-50ST PA
PLATE ASS'Y. - CARRIER ROLLER	4-51-0002		
PLATE, CARRIER ROLLER	4-51-1020	10 GA. (.1345) C.R.S., ZINC PLATE	
NUT, PEM	9-99-6193		PEM #S0518-3, ZINC PLATE
PLATE SUB-ASS'Y., CARRIER ROLLER	4-51-0017		
SPACER, CARRIER ROLLER	4-51-1017	Ø⅝" O.D. X 13 GA. (.095) WALL MECHANICAL STEEL TUBING (D.O.M.)	
AXLE, CARRIER ROLLER	4-51-1021	Ø⅝" TYPE 303 STAINLESS STEEL ROUND BAR	
BRACKET, BELT BASE	4-51-1001	14 GA. (.0747) C.R.S., ZINC PLATE	
BRACKET, BELT CLASP	4-51-1002	14 GA. (.0747) C.R.S., ZINC PLATE	
CARRIER ASS'Y., SLAVE	4-51-0090		
CARRIER ASS'Y., UPPER BELT	4-51-0091		
CARRIER ASS'Y., LOWER BELT	4-51-0092		
SCREW, M6 X 10 HFHCS	9-99-1812		
SCREW, M6 X 12 HFHCS	9-99-1820		
WASHER, LOCK - ⅝"	9-99-7235		
WASHER, FLAT - ⅝"	9-99-7311		
SCREW, ⅝"-18 X 1½" HHCS, GR. 8	81-0018-3726		
BRACKET, ANTI-DERAIL	4-51-1063	10 GA. (.1345) C.R.S., ZINC PLATE	
PLATE, CARRIER ASS'Y. - SLAVE	4-51-1001	¼" C.R.S., ZINC PLATE	
PLATE, BELT RETAINER (LOWER)	4-51-1019	¼" C.R.S., ZINC PLATE	
PLATE, BELT RETAINER (UPPER)	4-51-1018	¼" C.R.S., ZINC PLATE	
BRACKET, SIDELITE STRIKE	4-51-1010	11 GA. (.1196) TYPE 304 STAINLESS STEEL	
BLOCK, UPPER SIDELITE PIVOT	4-51-4152	⅝" X 1¼" 6061-T6511 EXTRUDED ALUMINUM RECTANGULAR BAR	
PLATE, NUT	4-51-1037	10 GA. (.1345) C.R.S., ZINC PLATE	
BRACKET, HEADER MOUNTING - L.H.	4-51-1055	11 GA. (.1196) C.R.S., ZINC PLATE	
BRACKET, HEADER MOUNTING - R.H.	4-51-1056	11 GA. (.1196) C.R.S., ZINC PLATE	

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By Ishay I. Chank
Miami-Dade Product Control



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REV. PER BCCO COMMENT	KL	FLB	12/20/17
REV. PER BCCO COMMENT	TAE	AJP	05/20/21

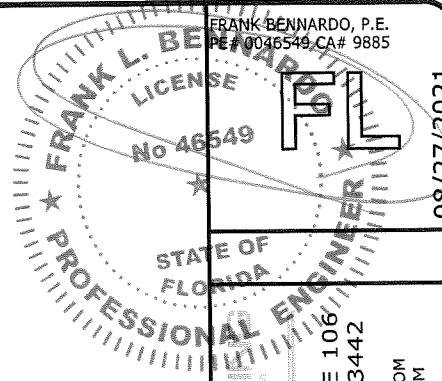
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08/27/2021

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CONSOLIDATED BILL OF MATERIALS

DESCRIPTION	record-usa PART NO.	MATERIAL	MANUFACTURER / REMARKS
END CAP, DOOR CATCH	4-51-1049	11 GA. (.1196) C.R.S., BLACK POWDER COAT	PRODUCT REVISED as complying with the Florida Building Code NOA-No. 21-0630.07 Expiration Date 03/17/2025 By <i>Ishay L. Chank</i> Miami-Dade Product Control
END CAP, DOOR CATCH (POSITIVE LATCH)	4-59-1020	MAKE FROM 4-51-1019	
BRACKET, BALL PLUNGER	4-70-4342	1 1/4" X 1 1/4" X 3/16" 6063-T52 ALUMINUM ANGLE	
BLOCK, GLASS SETTING	6-11-9007	GEON 8700 PVC, DUROMETER 97 SHORE A, BLACK	
BLOCK, GLASS SPACER	6-11-9002	GEON 8700 PVC, DUROMETER 97 SHORE A, BLACK	
BOTTOM GUIDE ASS'Y.	4-51-0093		
BLOCK, BOTTOM GUIDE ASS'Y.	4-51-4267	1 1/4" 6061-T6 EXTRUDED ALUMINUM SQUARE BAR	
PIN, BOTTOM GUIDE	4-51-7007	Ø5/8" TYPE 304 STAINLESS STEEL ROUND BAR	
SPRING, COMPRESSION (BOTTOM GUIDE)	9-99-5693	Ø.045 TYPE 302 STAINLESS STEEL WIRE	McMASTER CARR P/N 9435K126
SCREW, SHOULDER (BOTTOM GUIDE)	9-99-1820	TYPE 18-8 STAINLESS STEEL	McMASTER CARR P/N 91327A165
BUSHING, FLANGED (BRONZE)	9-99-0233	ALLOY 932 (SAE 660) BRONZE	McMASTER CARR P/N 7815K18
BLOCK, FLUSHBOLT SUPPORT	4-51-4265	1 1/4" 6061-T6 EXTRUDED ALUMINUM SQUARE BAR	
BLOCK, HEX BOLT GUIDE	4-51-4266	1/2" X 1 1/4" 6061-T6511 EXTRUDED ALUMINUM RECTANGULAR BAR	
SPRING, COMPRESSION (EXIT DEVICE TOP BOLT)	9-99-5692	Ø.042 STEEL MUSIC WIRE, ZINC PLATE	McMASTER CARR P/N 9434K8
LOCK BOLT, EXIT DEVICE	4-11-1059	3/8" AISI 12L14 STEEL HEX BAR STOCK, ZINC PLATE	
HEX BOLT, THRESHOLD	4-51-7008	Ø1/2" TYPE 304 STAINLESS STEEL HEX BAR STOCK	
BLOCK, SHEAR (MACHINED)	4-11-4098	MAKE FROM 5-11-4027	
BLOCK, SHEAR (MACHINED)	4-51-4151	MAKE FROM 5-11-4027	
BLOCK, SHEAR (MACHINED)	4-11-4096	MAKE FROM 5-11-4027	
PLATE, BACKER	4-11-1082	7 GA. (.1793) C.R.S., ZINC PLATE	
BRACKET, ANTI-DERAIL	4-51-1063	10 GA. (.1345) C.R.S., ZINC PLATE	
ANGLE, SIDELITE PIVOT (TOP)	4-11-1086	3" X 2" X 5/16" STEEL ANGLE, SILVER METALLIC PAINT	
BUSHING, SIDELITE PIVOT (TOP)	9-99-0203	SAE 841 SINTERED BRONZE	
ANGLE, SIDELITE PIVOT (BOTTOM)	4-51-1067	3" X 2" X 5/16" STEEL ANGLE, SAFETY YELLOW PAINT	
BUSHING, SIDELITE PIVOT (BOTTOM)	4-51-7003	Ø7/8" TYPE 304 STAINLESS STEEL ROUND BAR	
DOOR INTERLOCK	4-51-7002	10 GA. (.1345) TYPE 304 STAINLESS STEEL	
MOUNTING STRAP	4-40-1002	3/16" H.R.P.O., ZINC PLATE	
WELDMNT, REINFORCEMENT CHANNEL	4-51-0029		SILVER METALLIC PAINT
CHANNEL, REINFORCEMENT (LOCK STILE)	4-51-1065	1 1/2" X 1/2" X 1/8" BAR CHANNEL, M 1020 - MERCHANT QUALITY	
PLATE, REINFORCEMENT CHANNEL	4-51-1007	3/8" X 1" AISI 1018 C.R.S. FLAT BAR	
CHANNEL, REINFORCEMENT (PIVOT STILE)	4-51-1066	1 1/2" X 1/2" X 1/8" BAR CHANNEL, M 1020 - MERCHANT QUALITY	SILVER METALLIC PAINT



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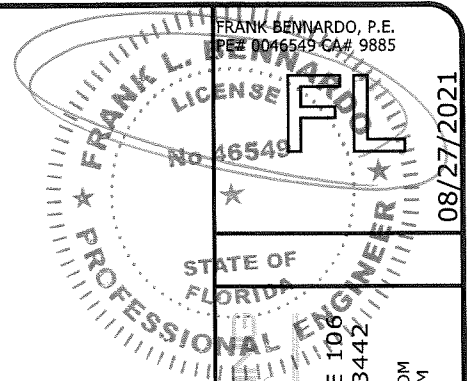
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CONSOLIDATED BILL OF MATERIALS

DESCRIPTION	record-usa PART NO.	MATERIAL	MANUFACTURER / REMARKS
CHANNEL, REINFORCEMENT (BEAM STILE)	4-51-1068	1½" X ½" X ⅛" BAR CHANNEL, M 1020 - MERCHANT QUALITY	SILVER METALLIC PAINT
CHANNEL, REINFORCEMENT (PIVOT STILE - SIDELITE)	4-51-1069	1½" X ½" X ⅛" BAR CHANNEL, M 1020 - MERCHANT QUALITY	SILVER METALLIC PAINT
PIN GUIDE THRESHOLD ASS'Y. - L.H.	4-51-0160		
PIN GUIDE THRESHOLD ASS'Y. - R.H.	4-51-0161		
PIN GUIDE THRESHOLD MACHINING - L.H.	4-51-4260	MAKE FROM 5-11-4008	
PIN GUIDE THRESHOLD MACHINING - R.H.	4-51-4261	MAKE FROM 5-11-4008	
PLATE, PIN GUIDE SUPPORT	4-51-7005	⅜" X 1" TYPE 303 STAINLESS STEEL RECTANGULAR BAR	
BUMPER, PIN GUIDE	9-70-0077	NYLATRON® GS	
PIN, SIDELITE PIVOT (BOTTOM)	4-11-1031	¼" AISI 12L14 STEEL HEX BAR STOCK, ZINC PLATE	
BAR, ALIGNMENT (PIN GUIDE THRESHOLD	4-51-4009	¼" X ⅝" 6061-T5 ALUMINUM RECTANGULAR BAR	
BLOCK, SIDELITE PIVOT (BOTTOM)	4-51-4265	⅜" X 1" 6061-T5 ALUMINUM RECTANGULAR BAR	
THRESHOLD ASS'Y., BIPART	4-51-0164		
THRESHOLD MACHINING	4-51-4264	MAKE FROM 5-51-4021	
STRIKE PLATE, LOCKBOLT	4-51-7006	½" X 1" TYPE 303 STAINLESS STEEL RECTANGULAR BAR	POLYMER CORP. PROFILE 40-101
HEADER	5-51-4001	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
COVER, HEADER	5-51-4002	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
FILLER, HEADER SOFFIT	5-51-4003	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
ROLLER TRACK	5-51-4004	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
SIDE JAMB	5-60-1418	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
FILLER, SIDE JAMB	5-60-1532	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
PIN GUIDE, RAMPED	5-11-4008	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
THRESHOLD, SADDLE	5-51-4021	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
RAIL, TOP (SX PANEL)	5-51-4009	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
RAIL, TOP (SO PANEL)	5-11-4034	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
RAIL, BOTTOM - 6"	5-11-4036	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
RAIL, BOTTOM - 10" (OPTIONAL)	5-51-4011	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
STILE, TANDEM	5-11-4021	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
STILE, FIXED	5-11-4022	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
MUNTIN BAR	5-11-4031	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
MUNTIN BAR (OPTIONAL)	5-11-4032	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
DOOR CATCH	5-51-4006	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.

PRODUCT REVISED
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 LARGE MISSILE IMPACT RESISTANT
 MIAMI-DADE NOTICE OF ACCEPTANCE

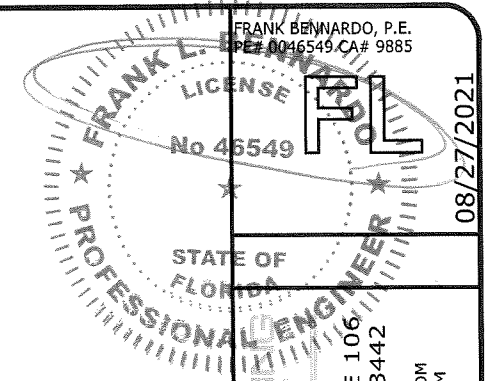
REMARKS	DRWN	CHKD	DATE
INIT ISSUE	AML	KL	06/26/09
REV. PER BCCO COMMENT	KL	FLB	12/01/09
2010 FBC (09-REL-0001)	KL	FLB	03/19/12
REV FBC 2014	IRWN	CSL	02/09/15
REV 2017 FBC	IRWN	FLB	12/20/17
REV 2020 FBC	TAE	AJP	05/20/21

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08/27/2021

CONSOLIDATED BILL OF MATERIALS

DESCRIPTION	record-usa PART NO.	MATERIAL	MANUFACTURER / REMARKS
BLOCK, SHEAR	5-11-4027	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
GUTTER, HURRICANE	5-11-4044	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
SASH, SQUARE	5-11-4040	6063-T5 ALUMINUM	BONNELL ALUMINUM, INC.
GLAZING BULB	6-11-9011	SANTOPRENE / POLYPROPYLENE COEXTRUSION	CENTRAL PLASTICS, INC.
CHANNEL, WEATHER PILE	6-51-9002	GEON 8700 PVC	UNITED PLASTICS CORP.
WEATHER PILE W/FIN	9-99-7360	ULTRAFAB SOFT TOUCH FIN	ULTRAFAB, INC. P/N W31565NK0000
VINYL, SMOKE / AIR SEAL	6-59-9001	SANTOPRENE / POLYPROPYLENE COEXTRUSION	CENTRAL PLASTICS, INC.
SEAL, BULB W/FIN	6-11-9009	SANTOPRENE SHORE 67A, U.V. GRADE 121	ZERO INTERNATIONAL #870N
SEAL, SIDELITE (TOP)	9-99-7361	NEOPRENE FIN WITH ALUMINUM HOUSING	ZERO INTERNATIONAL #8194AA
DAMPER, ROLLER TRACK	9-51-0001	EPDM SHORE 85±5A, BLACK	CENTRAL PLASTICS, INC.
FLUSHBOLT, CYLINDER OPERATED	9-99-0067	ADAMS RITE 1871-2	ADAMS RITE MANUFACTURING CO.
HEADER BOLT SET	9-99-0075	INTERNATIONAL DOOR CLOSER INC. HB-4015-N	INTERNATIONAL DOOR CLOSER INC.
MORTISE KEY CYLINDER	9-99-0068	INTERNATIONAL DOOR CLOSER INC. CZ-1001	INTERNATIONAL DOOR CLOSER INC.
MORTISE THUMBTURN	9-99-0069	INTERNATIONAL DOOR CLOSER INC. TZ-3001	INTERNATIONAL DOOR CLOSER INC.
EXIT DEVICE, G86 C.V.R.	9-99-0094	ADAMS RITE G86 C.V.R. EXIT DEVICE	ADAMS RITE MANUFACTURING CO.
ESCUTCHEON, MORTISE KEY CYLINDER	9-99-0098	ADAMS RITE 8651 ESCUTCHEON	ADAMS RITE MANUFACTURING CO.
SCREW, 5/16-18 X 1" FSHCS	81-0011-2720		
SCREW, 10-32 X 3/8" PFHMS	81-0011-0558		
SCREW, 10-32 X 1/4" PFHMS	81-0011-0554		
SCREW, 10-32 X 1/2" PFHMS	81-0011-0562		
SCREW, 1/4-20 X 3/8" BFHCS	81-0017-2658		
SCREW, M6 X 16 HFHCS	9-99-1813		
SCREW, 1/4-20 X 1/2" PFHMS	81-0011-0662		
LOCK WASHER, SPLIT, #10	9-99-7249		
SCREW, 10-32 X 3/8" SHCS	81-0016-2258		
WASHER, 1/4" FLAT	9-99-7346		
WASHER, 1/4" LOCK SPLIT	9-99-7161		
SCREW, 1/4-20 X 1" HHMS - GR. 8	81-0088-3670		
SCREW, 10-32 X 1/2" SHCS	81-0016-2562		
SCREW, 8-18 X 1/2" PFHMS, TYPE B	81-3511-0412-DB		
SCREW, 1/4-20 X 3/8" SFCHCS	81-0011-2658		



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PRODUCT REVISED
 as complying with the Florida Building Code
NOA-No. 21-0630.07
Expiration Date 03/17/2025
 By Ishaq I. Chande
Miami-Dade Product Control

RECORD-USA
 4324 HARGETT COURT
 MONROE, NC 28110
 PH: (704) 289-9212

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REV 2020 FBC	TAE	AJP	05/20/21

CONSOLIDATED BILL OF MATERIALS

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SCREW, 1/4-20 X 1" SFCHCS	81-0011-2670		
SCREW, 10-24 X 3/4" PFHMS, TYPE 23	81-4411-0516		
SCREW, 1/4-20 X 3" PPHMS	81-0014-0688		
SCREW, 1/4-20 X 3/4" HWHMS, GR. 8	81-0017-3666		
SCREW, 1/4-20 X 3/8" BSHCS - S.S.	81-0016-2658		
SCREW, 1/4-20 X 1" BSHCS - S.S.	81-0014-2670		
SCREW, 1/4-20 X 1/2" HWHMS, GR. 8	81-0017-3662		
SCREW, 1/4-20 X 5/8" HWHMS, GR. 8	81-0017-3664		
SCREW, 10-32 X 1/2" PFHMS	81-0011-0562		
SCREW, 1/4-20 X 3/4" HHMS, GR. 5 W/NYLOC STRIP	81-0718-3666		

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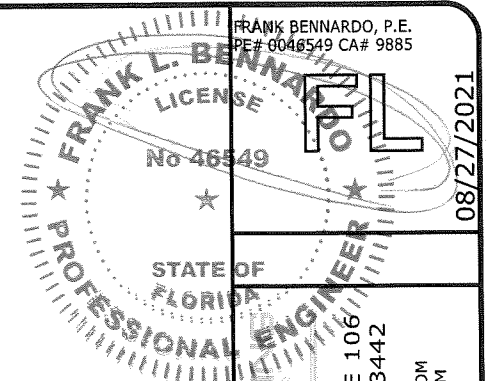
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