

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

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

NOTICE OF ACCEPTANCE (NOA)

ASSA ABLOY Entrance System US, Inc. 1900 Airport Road 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 are 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: "SL-500 Resilience R128" Sliding Glass Door Sys Bi-Parting and Single Sliding-L.M.I.

APPROVAL DOCUMENT: Drawing No. SL500-R128 -LMI titled "Series SL-500 Resilience R128 Sliding Door System Bi-Parting and Single Sliding - LMI ", sheets 1 through 17 of 17, dated 12/16/2019 and last revised on April 03, 2025, prepared by manufacture, signed and sealed by Scott Wolters, 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 Resistant **Limitations:**

- 1. Max panel widths not to exceed per sheet 2 (So-Sx-Sx-So) and sheet 3 (So-Sx).
- 2. See design pressure chart on sheet 4.
- 3. 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 revises & renews NOA#21-0324.10 and consists of this page 1 and evidence pages E1-, E-2 and E-3, as well as approval document mentioned above.

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



NOA No. 25-0311.09 **Expiration Date: February 18, 2031** Approval Date: April 17, 2025

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

EVIDENCE SUBMITTED UNDER PREVIOUS NOAS' 1.

A. **DRAWINGS**

- Manufacturer's die drawings and sections. (Submitted under NOA No. 20-0625.04)
- Drawing No. SL500-R128 -LMI titled "Series SL-500 Resilience R128 Sliding Door 2. System Bi-Parting and Single Sliding - LMI ", sheets 1 through 17 of 17, dated 12/16/2019, prepared by manufacture, signed and sealed by Scott Wolters, P.E on (Submitted under NOA No. 20-0625.04) 06/16/2020.

TESTS В.

- Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94 (0.79 cfm/ft² @1.57 PSF) 1.
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Large Missile Impact Test per FBC, TAS 201-94
 - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 5) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with installation diagram of an aluminum automatic sliding glass doors, prepared by Intertek, Test Report Nos. **K3410.01-550-18** and **K3410.02-550-18** dated 03/16/2020, signed and sealed by Vinu Abraham, P.E. (Submitted under NOA No. 20-0625.04)

C. **CALCULATIONS**

- Anchor verification calculations dated 06/16/2020 with revision dated 11/06/2020, 1. prepared by Wolters engineering, signed and sealed by Scott Wolters, P.E. (Submitted under NOA No. 20-0625.04
- 2. Glazing complies w/ ASTME-1300-09.

D. **QUALITY ASSURANCE**

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

Ε. **MATERIAL CERTIFICATIONS**

Notice of Acceptance No. 20-0915.19 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers", expiring on 07/04/23.

F. **STATEMENTS**

- Statement letter of conformance to FBC 2017 (6th Edition), dated 06/16/2020 and FBC 2020 (7th Edition), dated 11/06/2020 prepared by Wolters engineering, signed and sealed by Scott Wolters, P.E.
- Statement letter of "No financial interest", dated 06/16/2020, prepared by Turner 2. engineering & consulting Inc, signed and sealed by Scott Wolters, P.E.
- Lab compliance, prepared by Intertek, signed and sealed by Vinu Abraham, P.E. 3.

G. **OTHER**

Test proposal # **19-0376** approved by RER. 1.

Ishaq 1. Chanda

Approval Date: April 17, 2025

ASSA ABLOY Entrance System US, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. **EVIDENCE SUBMITTED previous approval**

DRAWINGS A.

Drawing No. SL500-R128 -LMI titled "Series SL-500 Resilience R128 Sliding Door System Bi-Parting and Single Sliding - LMI ", sheets 1 through 17 of 17, dated 12/16/2019, prepared by manufacture, signed and sealed by Scott Wolters, P.E on 02/26/2021.

B. **TESTS**

1. None.

C. **CALCULATIONS**

1. None.

D. **QUALITY ASSURANCE**

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

MATERIAL CERTIFICATIONS E.

Notice of Acceptance No. 20-0915.19 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers", expiring on 07/04/23.

F. **STATEMENTS**

Statement letter of conformance to FBC 2020 (7th Edition), dated 02/26/2021, prepared by Wolters engineering, signed and sealed by Scott Wolters, P.E.

G. **OTHER**

This NOA revises NOA No. 20-0625.04, expiring on 02/18/2026. 1.

Ishaq 1. Chank

Approval Date: April 17, 2025

ASSA ABLOY Entrance System US, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 3. New EVIDENCE SUBMITTED
- A. **DRAWINGS** (submitted under previous approval)
 - Drawing No. **SL500-R128 -LMI** titled "Series SL-500 Resilience R128 Sliding Door System Bi-Parting and Single Sliding LMI", sheets 1 through 17 of 17, dated 12/16/2019 and last revised on April 03, 2025, prepared by manufacture, signed and sealed by Scott Wolters, P.E.
- B. TESTS
 - 1. None.
- C. CALCULATIONS
 - 1. None.
- D. QUALITY ASSURANCE
 - 1. Miami Dade Department of Regulatory and Economic Resources (RER).
- E. MATERIAL CERTIFICATIONS
 - 1. Notice of Acceptance No. 23-0717.30 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers", expiring on 07/04/28.
- F. STATEMENTS
 - 1. Statement letter of conformance to FBC 2023 (8th Edition), dated 06/27/2024, prepared by Wolters engineering, signed and sealed by Scott Wolters, P.E.
- G. OTHER
 - 1. This NOA revises & renews NOA No. 21-0324.11, expiring on 02/18/2031.

Ishaq 1. Chank



ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)

	Revisions					
Rev	Description	Date	Approved			
1	Code Update	4/3/25	SJF			

GENERAL NOTES: 1. THIS PRODUCT HAS BEEN TESTED PER TAS 201, 202, & 203 FOR LARGE AND SMALL IMPACT RESISTANCE. IT MEETS ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, INCLUDING THE HVHZ PROVISIONS. SHUTTERS ARE NOT REQUIRED IN WINDBORNE DEBRIS REGIONS. 2. MAX. DESIGN PRESSURES ARE LISTED ON SHEET 4. 3. THIS DOOR SYSTEM IS NOT TESTED OR RATED FOR WATER INFILTRATION RESISTANCE. IT IS INTENDED FOR USE ONLY IN LOCATIONS WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR WHERE IT IS PROTECTED BY AN OVERHANG MEETING THE REQUIREMENTS OF FBC SECTION 1709.5.1. 4. OPENING SUBSTRATES, WOOD BUCKS (OPTIONAL), AND WOOD BUCK FASTENERS ARE BY OTHERS AND MUST BE DESIGNED AND INSTALLED PER FBC REQUIREMENTS TO SAFELY TRANSFER THE LOADS FROM THIS SYSTEM TO THE BUILDING STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS ISTED IN THE ANCHOR CHART ON SHEET 13, AND AS DETAILED IN THESE ORAWINGS. ANCHOR CHART ON SHEET 13, AND AS DETAILED IN THESE ORAWINGS. ANCHOR EMBEDMENT IN SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. 6. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS. 7. THE 4/3 INCREASE IN ALLOWABLE STRESS FOR SHORT-TERM LOADING HAS NOT BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN TH	Sheet 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Description General Notes, Corner Construction Bi-Part Elevation, Jamb Anchoring Locations Single Slide Elevation, Jamb Anchoring Locations Design Pressure Charts Glazing Details Bi-Part Section Views Bi-Part Head and Sill Anchoring Locations Single Slide Section Views Single Slide Head and Sill Anchoring Locations Door Connections and Head Section Views Locking Details, Muntin Details Frame Connection Details Threshold Anchoring Details, Installation Anchor Table Head and Jamb Anchoring Details Profiles Bill of Materials, Sheet 1 of 2 Bill of Materials, Sheet 2 of 2
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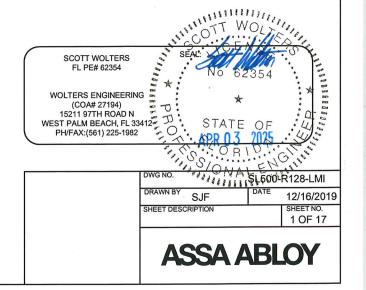
SYSTEM NOTES:

- 1. ALL ALUMINUM PARTS SHALL BE 6063-T5 ALUMINUM ALLOY AND TEMPER, UNLESS OTHERWISE NOTED.
- 2. FOR GLAZING DETAILS, SEE SHEET 5.
- 3. THE GLAZING MATERIALS 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.
- 4. THIS SYSTEM HAS NOT BEEN TESTED PER ANSI Z97.1.

CORNER CONSTRUCTION:

- 5. FRAME CORNERS ARE SQUARE CUT AND MECHANICALLY FASTENED AT THE HEAD WITH M6x30 SCREWS USING A BEAM END PLATE (SEE SHEET 12),
- 6. PANEL CORNERS ARE SQUARE CUT AND MECHANICALLY FASTENED AT EACH CORNER USING ANTI-TWIST BRACKETS, THEN REINFORCED WITH (2) FULL WIDTH 3/8" THREADED TIE IN THE TOP AND BOTTOM RAILS.

DESIGN PRESSURE	IMPACT RATING
SEE TABLES ON	LARGE AND SMALL MISSILE
SHEET 4	IMPACT RESISTANT

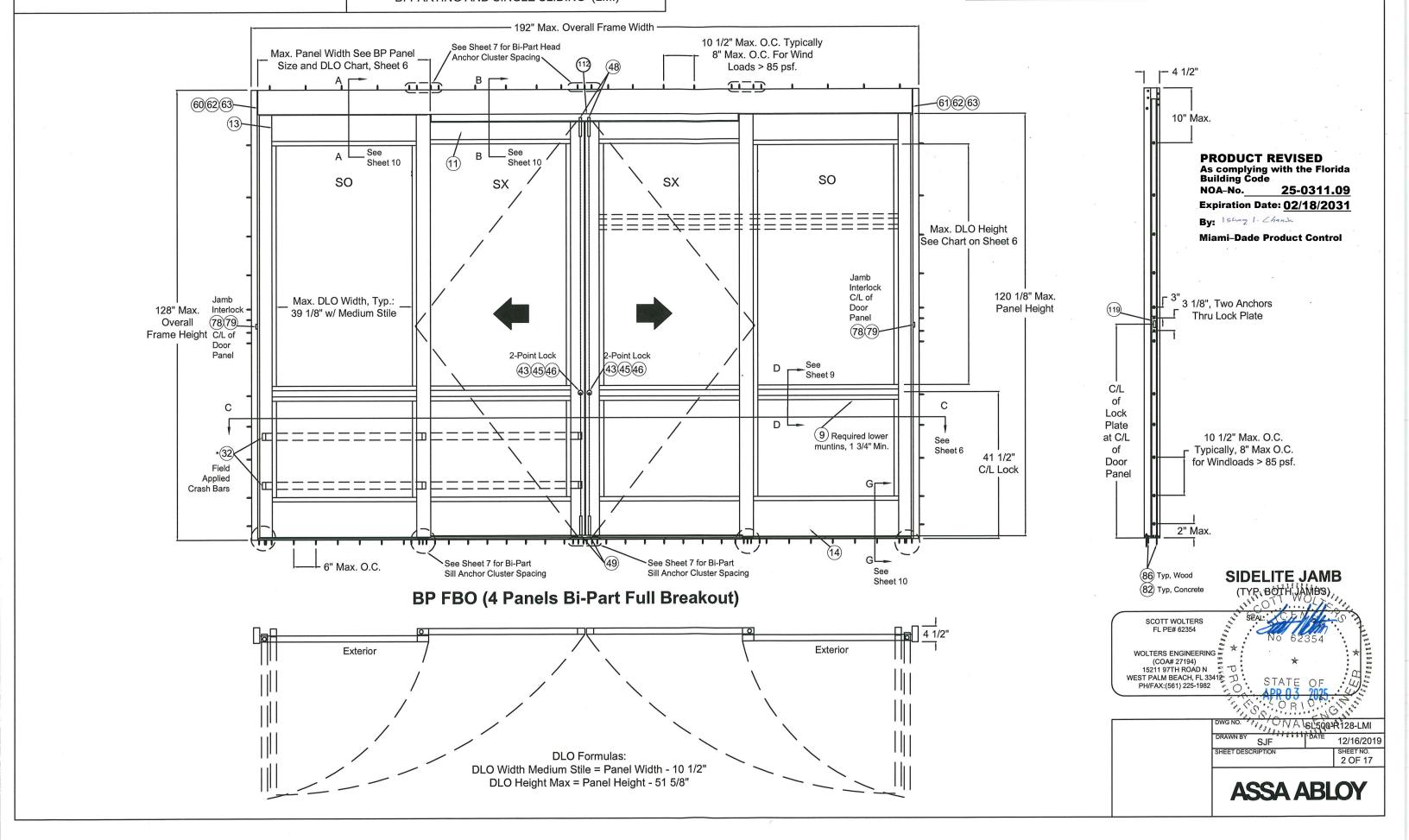


ASSA ABLOY ENTRANCE SYSTEMS , 1900 AIRPORT ROAD MONROE, NC 28110 PHONE: 1-866-237-2687

ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)

NOTE: See Sheet 6 for Bi-Part Head Anchor Locations

	Revisions				
Rev	Description	Date	Approved		
0	Initial Release		SJF		



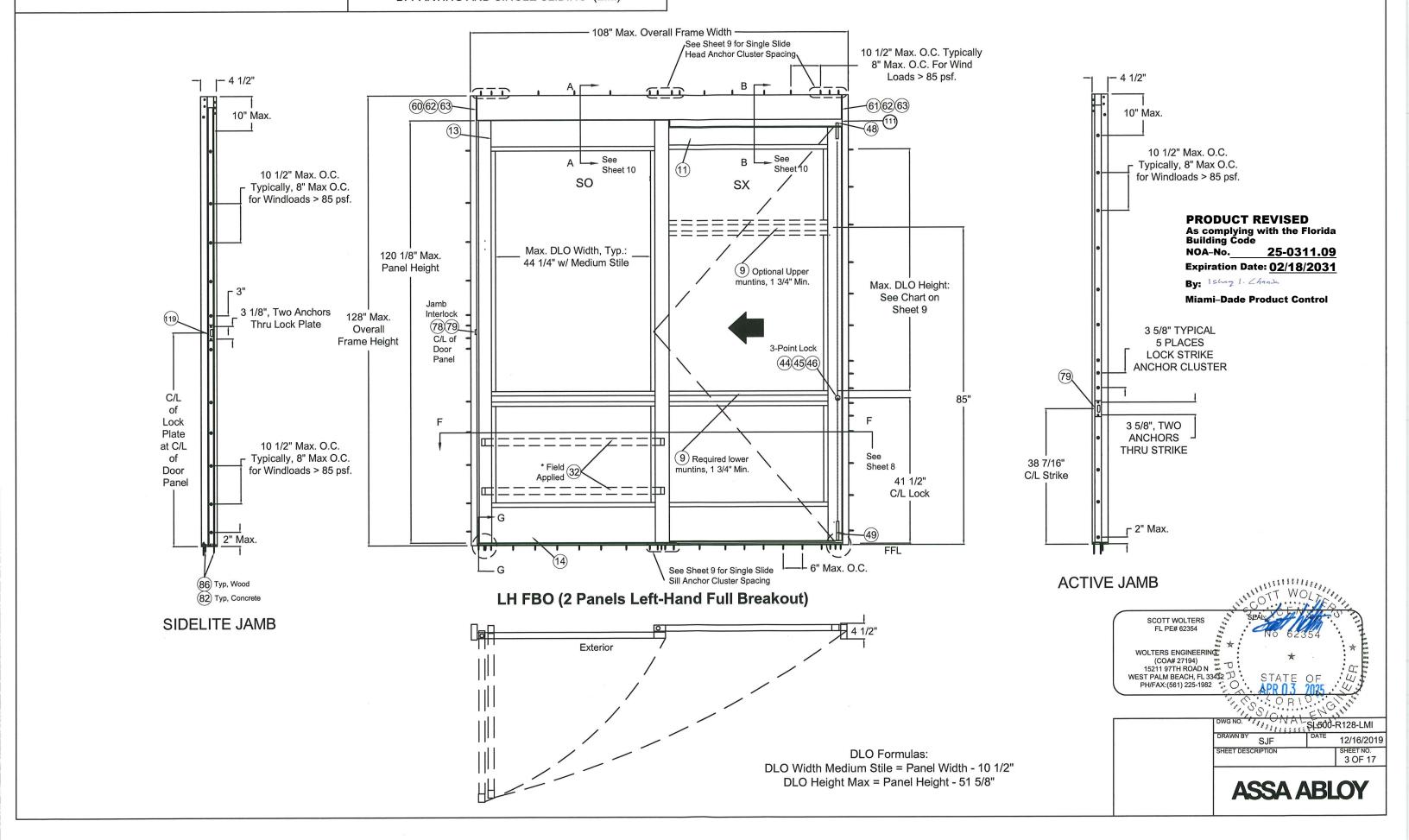
ASSA ABLOYMONROE, NC 28110
PHONE: 1-866-237-2687

ASSA ABLOY ENTRANCE SYSTEMS 1900 AIRPORT ROAD

ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)

NOTE: See Sheet 8 for Single Slide **Head Anchor Locations**

	Revisions		
Rev	Description	Date	Approved
0	Initial Release		SJF





ASSA ABLOY ENTRANCE SYSTEMS 1900 AIRPORT ROAD

ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)

Revisions Description Date 4/3/25 Code Update

Single Slide Design Pressures:

ALLOWABLE PRESSURES FOR GLASS TYPE 1 (LMI LEVEL D)								
		GLE SLIDE		ST				
FRAME	FRAME	200000000000000000000000000000000000000	ESIGN		FRAME	FRAME		ESIGN
HEIGHT	WIDTH	PRES			HEIGHT	WIDTH		SURE
(in)	(in)	+ (psf)	- (psf)		(in)	(in)	+ (psf)	- (psf)
104	80	114.8	114.8		119	80	102.1	93.7
104	84	112.0	112.0		119	84	97.2	89.2
104	88	104.3	104.3		119	88	92.8	85.1
104	92	99.8	99.8		119	92	88.8	81.4
104	96	95.6	95.6		119	96	85.1	78.0
104	100	91.8	91.8		119	100	81.7	74.9
104	104	88.3	88.3		119	104	78.5	72.0
104	108	85.0	85.0		119	108	75.6	69.4
108	80	111.4	109.1		122	80	99.6	89.4
108	84	106.1	103.9		122	84	94.8	85.2
108	88	101.3	99.2		122	88	90.5	81.3
108	92	96.8	94.9		122	92	86.6	77.8
108	96	92.8	90.9		122	96	83.0	74.5
108	100	89.1	87.3		122	100	79.7	71.6
108	104	85.7	83.9		122	104	76.6	68.8
108	108	82.5	80.8		122	108	73.8	66.3
112	80	108.0	103.5		125	80	97.0	85.2
112	84	102.9	98.6		125	84	92.4	81.2
112	88	98.2	94.1		125	88	88.2	77.5
112	92	93.9	90.0		125	92	84.4	74.1
112	96	90.0	86.3		125	96	80.9	71.0
112	100	86.4	82.8		125	100	77.6	68.2
112	104	83.1	79.6		125	104	74.6	65.6
112	108	80.0	76.7		125	108	71.9	63.1
116	80	104.6	97.9		128	80	70.0	60.0
116	84	99.6	93.2		128	84	70.0	60.0
116	88	95.1	89.0		128	88	70.0	60.0
116	92	91.0	85.1		128	92	70.0	60.0
116	96	87.2	81.6		128	96	70.0	60.0
116	100	83.7	78.3		128	100	70.0	60.0
116	104	80.5	75.3		128	104	70.0	60.0
116	108	77.5	72.5		128	108	70.0	60.0

Bi-Parting Design Pressures:

MAX DESIGN PRESSURE FOR GLASS TYPE 1 (LMI LEVEL D)						
BI-PARTING - MEDIUM STILE WITH 4-POINT LOCK						
FRAME	FRAME	MAX DESIGN		FRAME	FRAME	MAX DESIGN
HEIGHT	WIDTH	PRESSURE		HEIGHT	WIDTH	PRESSURE
(in)	(in)	+ (psf)		(in)	(in)	+/- (psf)
104	120	99.5		119	120	87.8
104	132	96.3		119	132	84.5
104	144	93.0		119	144	81.0
104	156	89.8		119	156	77.7
104	168	86.5		119	168	74.3
104	180	83.3		119	180	70.9
104	192	80.0		119	192	67.5
108	120	96.4		122	120	85.5
108	132	93.1		122	132	82.1
108	144	89.8		122	144	78.7
108	156	86.6		122	156	75.2
108	168	83.3		122	168	71.8
108	180	80.0		122	180	68.4
108	192	76.7		122	192	65.0
112	120	93.3		125	120	83.1
112	132	91.1		125	132	79.7
112	144	88.9		125	144	76.2
112	156	86.7		125	156	72.8
112	168	84.6		125	168	69.4
112	180	82.4		125	180	65.9
112	192	80.2		125	192	62.5
116	120	90.2		128	120	60.0
116	132	86.8		128	132	60.0
116	144	83.5		128	144	60.0
116	156	80.1		128	156	60.0
116	168	76.7		128	168	60.0
116	180	73.4		128	180	60.0
116	192	70.0		128	192	60.0

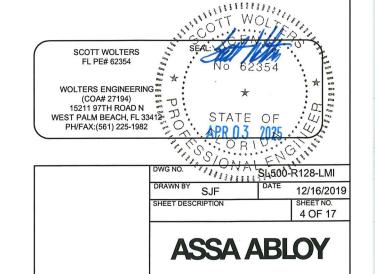
PRODUCT REVISED
As complying with the Florida
Building Code 25-0311.09 NOA-No. Expiration Date: <u>02/18/2031</u>

Approved

SJF

By: Ishay 1. Chank

Miami-Dade Product Control

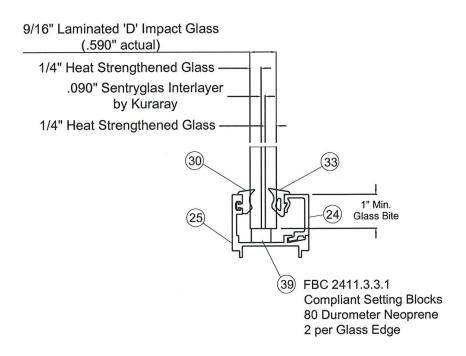




ASSA ABLOY ENTRANCE SYSTEMS 1900 AIRPORT ROAD MONROE, NC 28110

ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)

Glass Type 1 9/16" LAMINATED GLASS



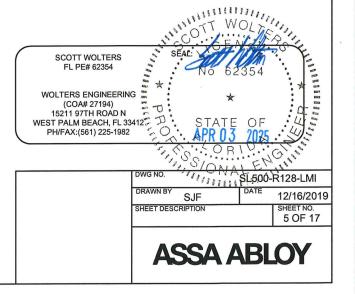
LEVEL D LARGE AND SMALL MISSILE IMPACT

	Revisions		
Rev	Description	Date	Approved
0	Initial Release		SJF

PRODUCT REVISED
As complying with the Florida
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NOA-No. 25-0311.09
Expiration Date: 02/18/2031

By: Ishay 1. Chank

Miami-Dade Product Control



Medium

Lower Muntin

1-3/4"

ASSA ABLOY ENTRANCE SYSTEMS 1900 AIRPORT ROAD MONROE, NC 28110 PHONE: 1-866-237-2687

Maximum DLO

68 1/2"

Height

ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)

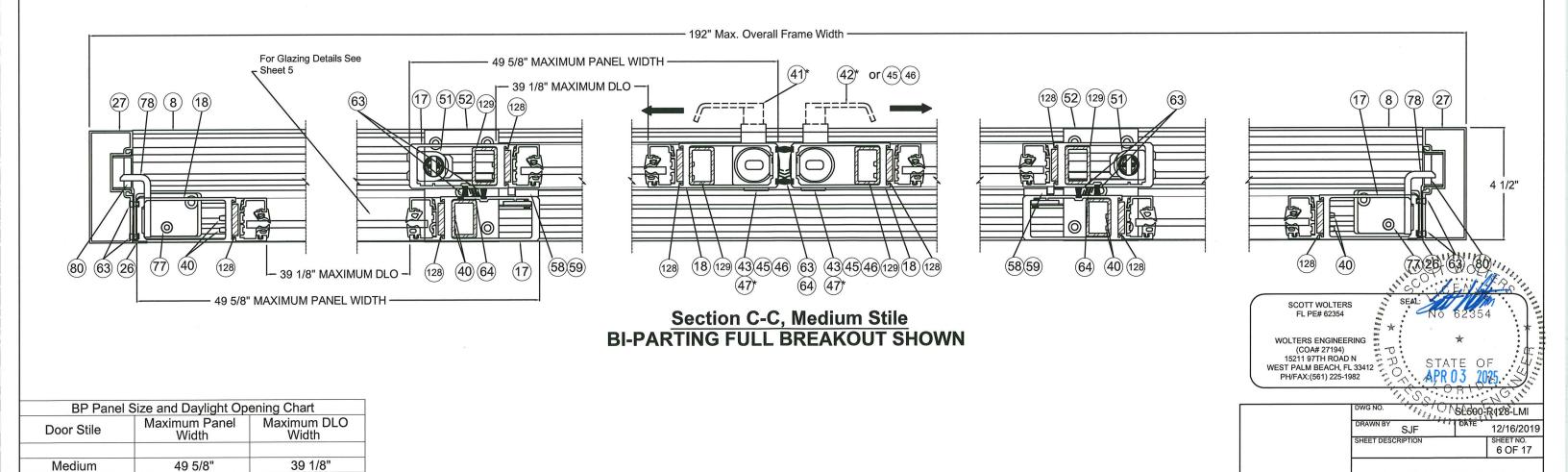
	Revisions				
Rev	Description	Date	Approved		
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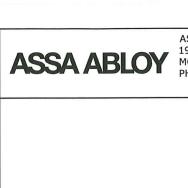
PRODUCT REVISED As complying with the Florida Building Code NOA-No. 25-0311.09 Expiration Date: <u>02/18/2031</u>

By: Ishaq 1. Chank

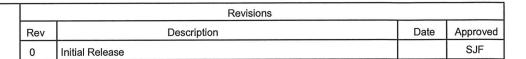
Miami-Dade Product Control

ASSA ABLOY





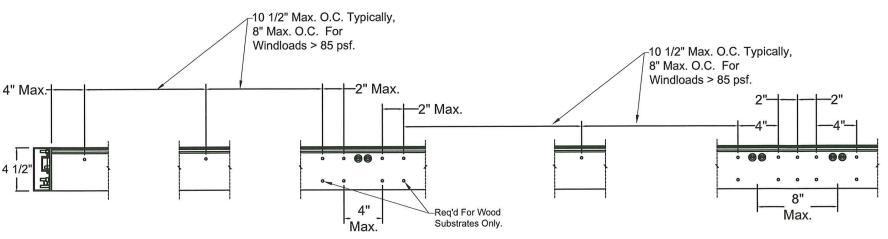
ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)





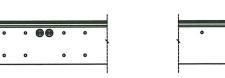
Anchor Cluster

at Meeting Stiles



Anchor Cluster at Interlocks





25-0311.09

PRODUCT REVISED
As complying with the Florida
Building Code

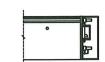
By: Ishay 1. Chands

Expiration Date: 02/18/2031

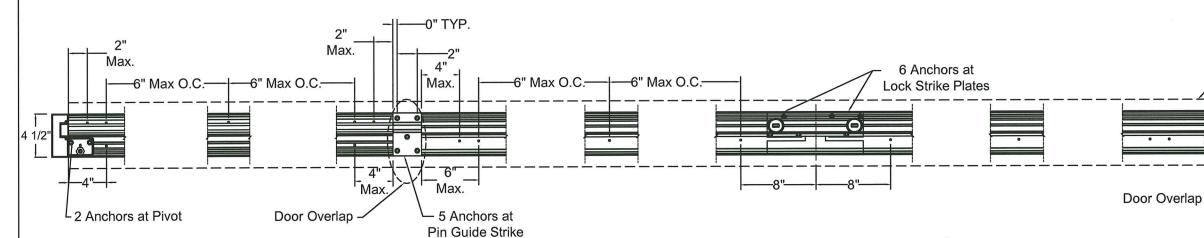
Miami-Dade Product Control

*(5)*Optional

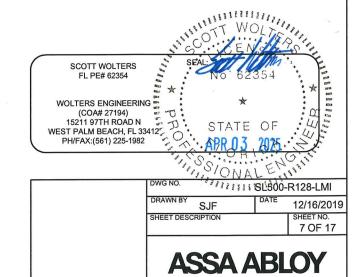
NOA-No.



Note: Left side anchor spacing as shown also applicable to right side of door at head and sill.







Note: Left side anchor spacing as shown also

applicable to right side of door at head and sill.

BP Panel Size and Daylight Opening Chart							
Door Stile	Maximum Panel Width	Maximum DLO Width					
Medium	49 5/8"	39 1/8"					
Lower Muntin		Maximum DLO Height					
1-3/4"		68 1/2"					

ASSA ABLOY ENTRANCE SYSTEMS , 1900 AIRPORT ROAD MONROE, NC 28110 PHONE: 1-866-237-2687

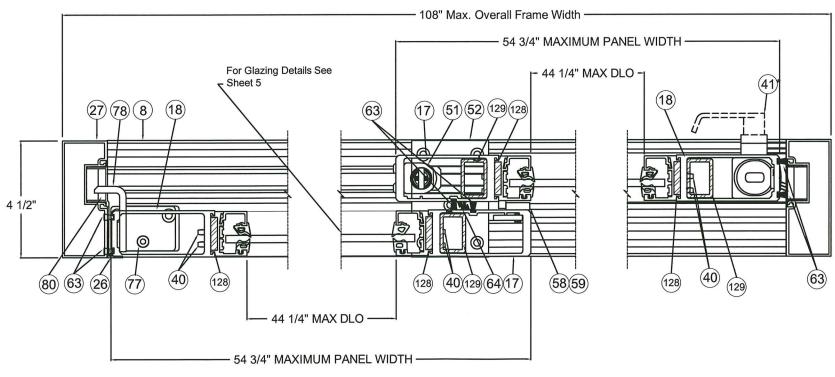
ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)

	Revisions		
Rev	Description	Date	Approved
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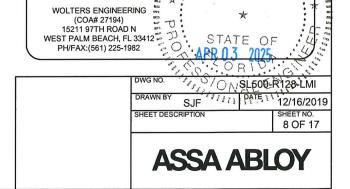
By: Ishay 1. Chank

Miami-Dade Product Control



Section F-F, Medium Stile SINGLE SLIDE FULL BREAKOUT SHOWN

Single Slide Pa	anel Size and Dayligh	t Opening Chart
Door Stile	Maximum Panel Width	Maximum DLO Width
Medium	54 3/4"	44 1/4"
Lower Muntin		Maximum DLO Height
1-3/4"		68 1/2"



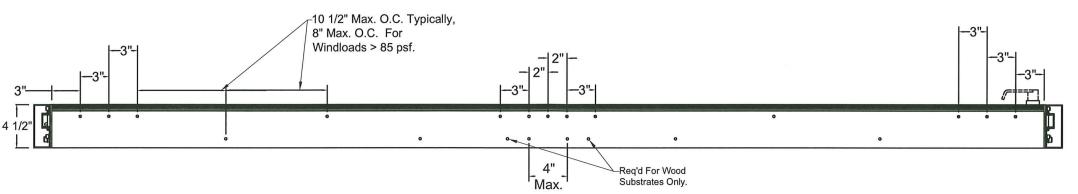
SCOTT WOLTERS FL PE# 62354 SINIT WOLL



ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)

	Revisions		
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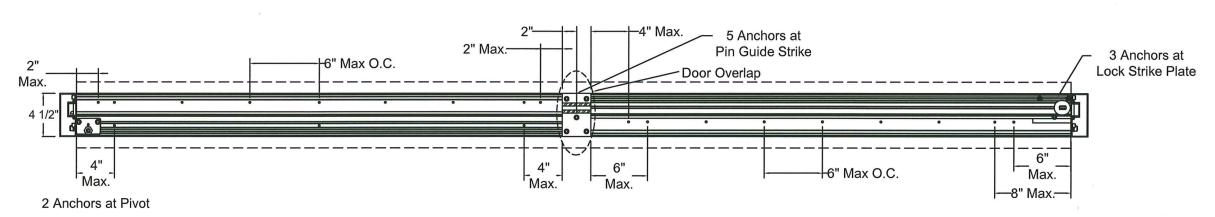
SINGLE-SLIDE HEAD ANCHOR LOCATIONS



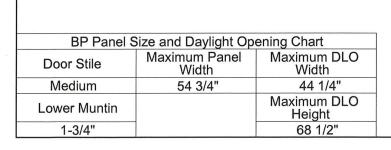
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Expiration Date: 02/18/2031

By: Ishay 1. Chank

Miami-Dade Product Control



SINGLE-SLIDE SILL ANCHOR LOCATIONS



SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX:(561) 225-1982

DWG NO.

DWG NO.

DWG NO.

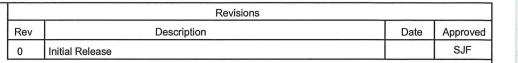
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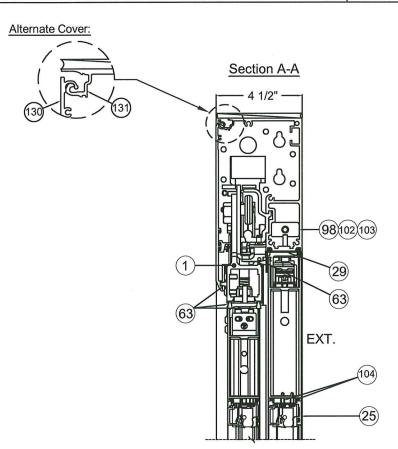
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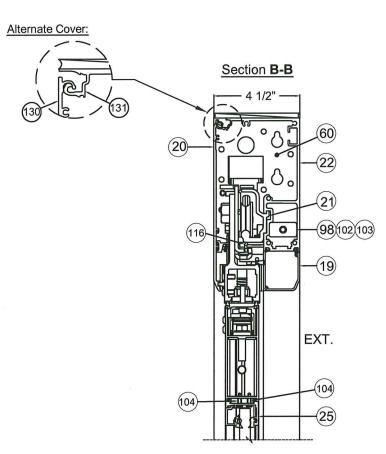
DATE
12/16/2019
SHEET DESCRIPTION
SHEET NO.
9 OF 17

ASSA ABLOY ENTRANCE SYSTEMS 1900 AIRPORT ROAD MONROE, NC 28110 PHONE: 1-866-237-2687

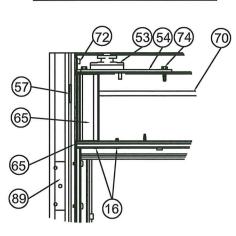
ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)



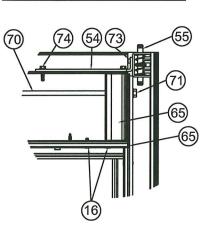




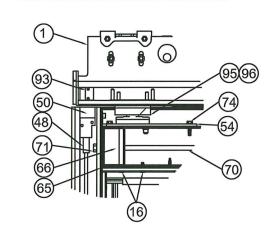
Sidelite Top Corner- Lead Side



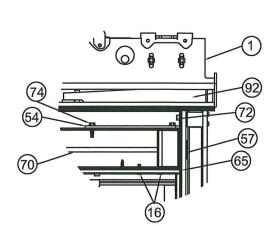
Sidelite Top Corner- Pivot Side



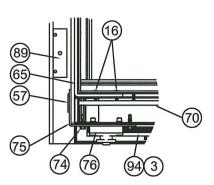
de Active Leaf Top Corner- Lead Side



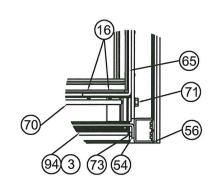
Active Leaf Top Corner-Pivot Side



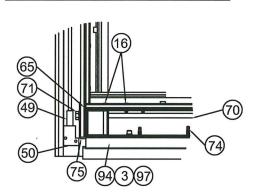
Sidelite Bottom Corner- Lead Side



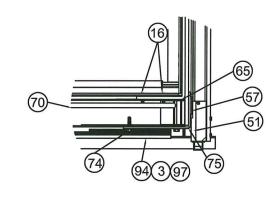
Sidelite Bottom Corner- Pivot Side



Active Leaf Bottom Corner- Lead Side



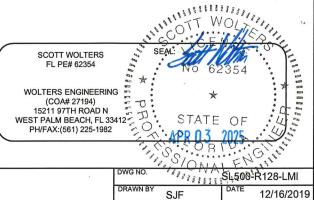
Active Leaf Bottom Corner-Pivot Side



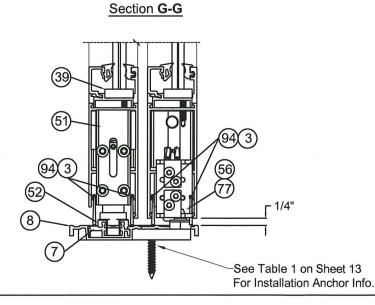
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Expiration Date: 02/18/2031

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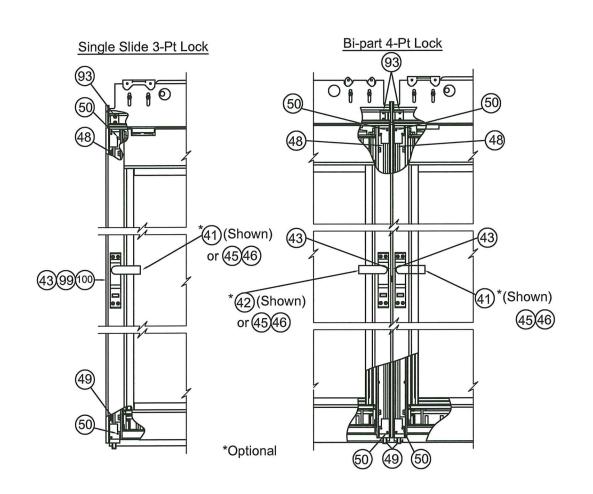


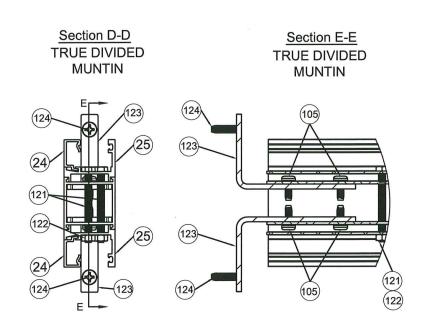
ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)

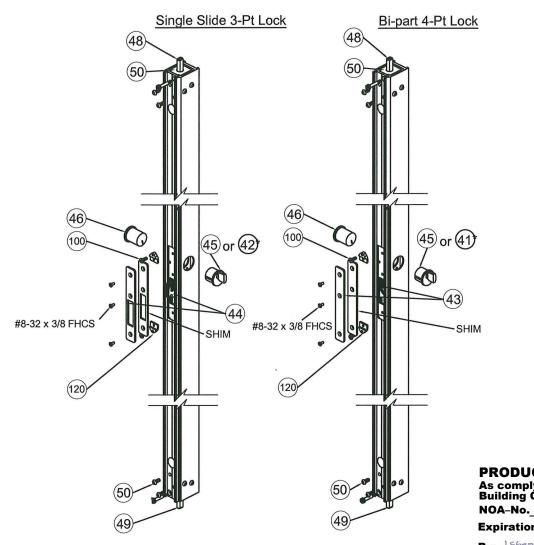
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Rev	Description	Date	Approved
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Section E-E

SURFACE APPLIED **MUNTIN**







(127)

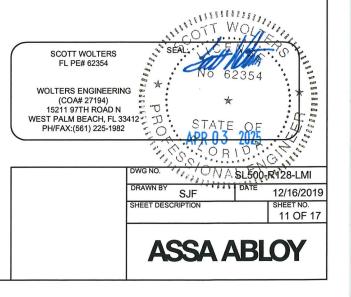
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25-0311.09 **Expiration Date:** 02/18/2031

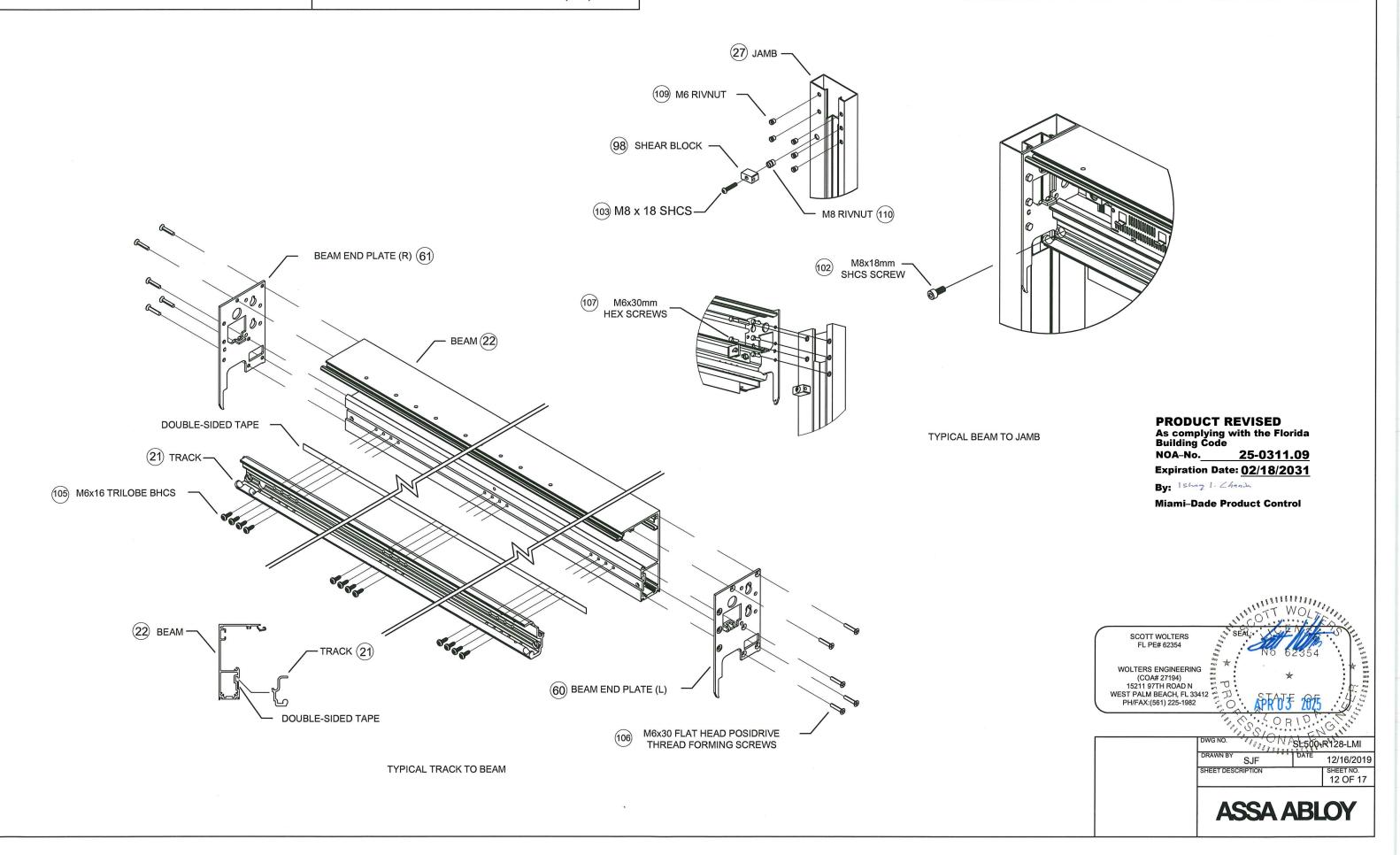
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ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)

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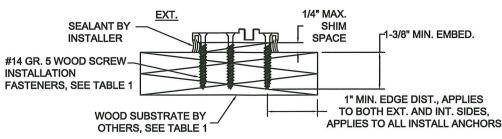
ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM

BI-PARTING AND SINGLE SLIDING (LMI)

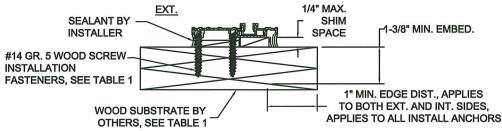
TYPICAL SILL ANCHOR DETAILS IN CONCRETE 1/4" MAX. EXT. SEALANT BY SHIM -1-3/4" MIN. EMBED. SPACE **INSTALLER** 1/4" DIA. ELCO ULTRACON SEE TABLE 1 AND CONCRETE ANCHOR NOTE BELOW ON THIS SHEET. 2-1/2" MIN. EDGE DIST., APPLIES TO BOTH EXT. AND INT. SIDES, SOLID CONCRETE BY APPLIES TO ALL INSTALL ANCHORS OTHERS, SEE TABLE 1 AT PIN GUIDE STRIKES 1/4" MAX. EXT. **SEALANT BY** SHIM -1-3/4" MIN. EMBED. **INSTALLER** SPACE 1/4" DIA. ELCO ULTRACON, SEE TABLE 1 AND CONCRETE ANCHOR NOTE BELOW ON THIS SHEET. 2-1/2" MIN. EDGE DIST., APPLIES TO BOTH EXT. AND INT. SIDES. SOLID CONCRETE BY APPLIES TO ALL INSTALL ANCHORS OTHERS, SEE TABLE 1 AT LOCK STRIKE PLATES EXT. 1/4" MAX. SEALANT BY SHIM -1-3/4" MIN. EMBED. **INSTALLER** SPACE 3/16" DIA, ELCO ULTRACON, SEE TABLE 1 AND CONCRETE ANCHOR NOTE BELOW ON THIS SHEET. 2-1/2" MIN. EDGE DIST., APPLIES TO BOTH EXT. AND INT. SIDES, SOLID CONCRETE BY APPLIES TO ALL INSTALL ANCHORS OTHERS, SEE TABLE 1 AT SIDELITE THRESHOLD 1/4" MAX. SEALANT BY SHIM -1-3/4" MIN. EMBED. SPACE **INSTALLER** 3/16" DIA, ELCO ULTRACON. SEE TABLE 1 AND CONCRETE ANCHOR NOTE BELOW ON THIS SHEET. 2-1/2" MIN. EDGE DIST., APPLIES TO BOTH EXT. AND INT. SIDES. SOLID CONCRETE BY APPLIES TO ALL INSTALL ANCHORS OTHERS, SEE TABLE

AT OPERABLE THRESHOLD

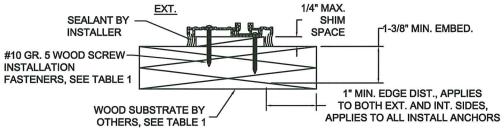
TYPICAL SILL ANCHOR DETAILS IN WOOD



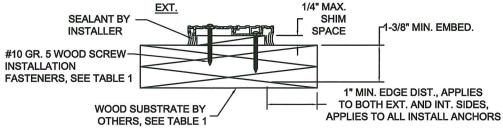
AT PIN GUIDE STRIKES



AT LOCK STRIKE PLATES



AT SIDELITE THRESHOLD



AT OPERABLE THRESHOLD

GENERAL ANCHOR NOTES

- 1 INSTALL ANCHOR AS INDICATED IN DETAILS ON SHEETS 3 THRU 8 AT EACH LOCATION SHOWN IN THE ELEVATIONS ON SHEETS 3 AND 6.
- 2. INSTALL SHIMS AT EACH ANCHOR LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS BETWEEN PRODUCT FRAME AND SUBSTRATE.
- 3. 1/4" MAX. SHIMS SHALL BE LOAD-BEARING (PLASTIC OR METALLIC) AND CAPABLE OF TRANSFERRING LOADS TO SUBSTRATE.
- 4. SPECIFIED ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL FINISH OR STUCCO, BY OTHERS. FOR ATTACHMENT TO METAL SUBSTRATES ENSURE FULL THREAD ENGAGEMENT THROUGH METAL WALL WITH MIN. 3 THREADS BEYOND.
- 5. IN CMU (AT JAMBS ONLY) ENSURE 3" MIN. ON-CENTER SPACING BETWEEN ANY TWO INSTALLATION ANCHORS IN JAMB ANCHOR CLUSTERS (SEE VERTICAL SECTION DETAILS ON SHEETS 3 AND 6), AND 6" MIN. ON-CENTER ELSWHERE AT CMU JAMBS. FOR ALL OTHER ANCHOR/SUBSTRATE TYPES (SEE TABLE 1) ENSURE 1 1/2" MIN. ON-CENTER SPACING BETWEEN ANY TWO INSTALLATION ANCHORS.
- 6. OPTIONAL (1x MAX) WOOD BUCKS, IF USED, MUST BE ADEQUATELY ANCHORED TO PREVENT INSTALLATION ANCHOR BENDING.

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TABLE 1: INS	TABLE 1: INSTALLATION ANCHOR REQUIREMENTS					
SUBSTRATE	ANCHOR	MINIMUM	MINIMUM			
TYPE	TYPE	EMBEDMENT	EDGE DISTANCE			
CONCRETE	1/4" DIA. ELCO ULTRACON	13/4"	2 1/2"			
(2.85 ksi MIN)	(TYPICALLY)					
	3/16" DIA. ELCO ULTRACON	1 3/4"	2 1/2"			
	(AT THRESHOLD ONLY)					
HOLLOW OR GROUT FILLED	1/4" DIA. ELCO ULTRACON	13/4"	2 1/2"			
CMU (ASTM C90 MIN)						
(JAMBS ONLY)						
2X P.T. WOOD	#14 GR. 5 WOOD SCREW	13/8"	1"			
(S.G.=0.55, MIN)	(TYPICALLY)					
	#10 GR. 5 WOOD SCREW					
	(AT THRESHOLD ONLY)					
STEEL STUD	1/4" DIA. ITW TEKS	FULL ⁺⁺	1/2"			
(16 Ga, 45 ksi MIN)	SELF-DRILLING SCREW					
1/8" ALUMINUM	1/4" DIA. ITW TEKS	FULL ⁺⁺	1/2"			
(6063-T5 MIN)	SELF-DRILLING SCREW					

^{**} FULLY PENETRATES METAL WITH 3 THREADS BEYOND

NOTE: ANCHORS ARE FLATHEAD AT ALL PLATE/STRIKE LOCATIONS AND ROUND/PAN/HEX-WASHER HEAD ELSEWHERE

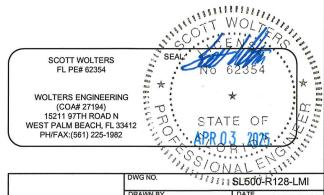
CONCRETE ANCHORS AT THRESHOLD: CONCRETE ANCHORS THAT PENETRATE THE THRESHOLD ONLY ARE 3/16" DIA. ELCO ULTRACONS. ANCHORS THAT PENETRATE DOOR HARDWARE OR STRIKE PLATES ARE 1/4" DIA. ELCO ULTRACONS.

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12/16/2019 SHEET DESCRIPTIO 13 OF 17

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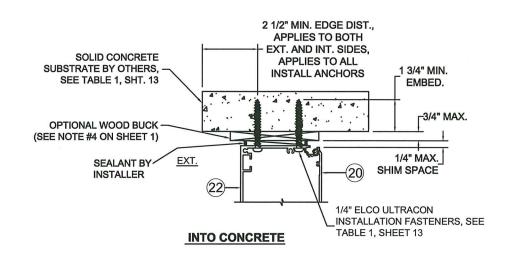
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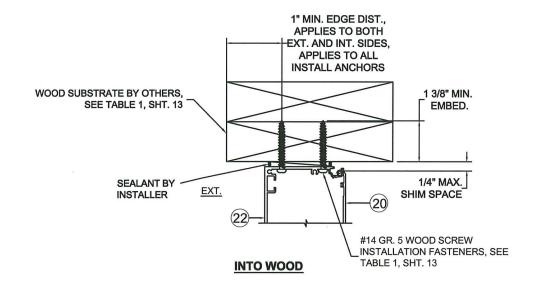
ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)
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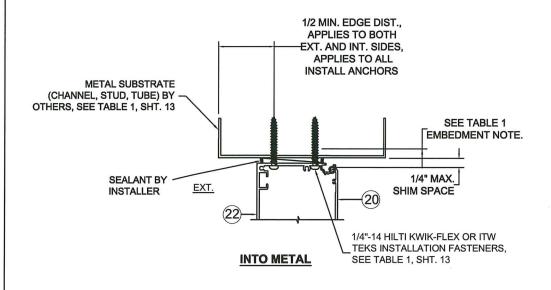
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 Date
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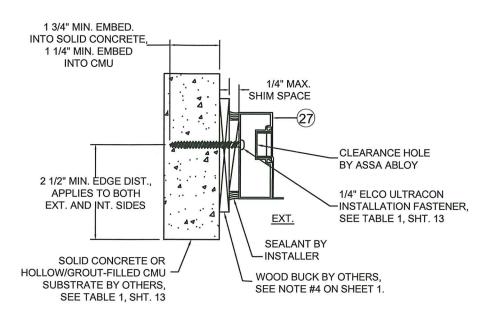
TYPICAL HEAD ANCHOR DETAILS

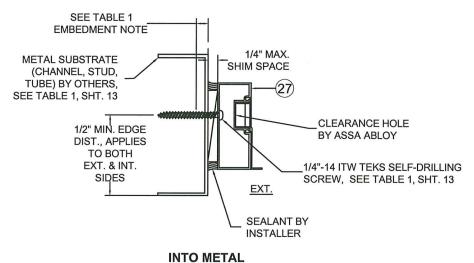




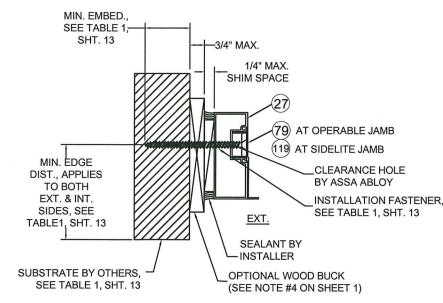


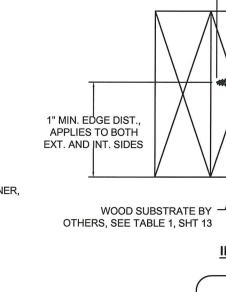
TYPICAL JAMB ANCHOR DETAILS





INTO CONCRETE/MASONRY





1 3/8" MIN. EMBED.-

SEALANT BY INSTALLER E BY T 13 INTO WOOD SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 PH/FAX:(561) 225-1982 DWG NO. DWG NO. SL500-R128-LMI

1/4" MAX

SHIM SPACE

EXT.

TYPICAL ALT. JAMB INSTALLATION THRU LOCK PLATE/STRIKE

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SEE GENERAL ANCHOR NOTES AND TABLE 1, SHEET 1

DWG NO. SL5000-R128-LMI

DRAWN BY SJF DATE 12/16/2019

SHEET DESCRIPTION SHEET NO. 14 OF 17

ASSA ABLOY

CLEARANCE HOLE BY ASSA ABLOY

#14 GRADE 5 WOOD SCREW

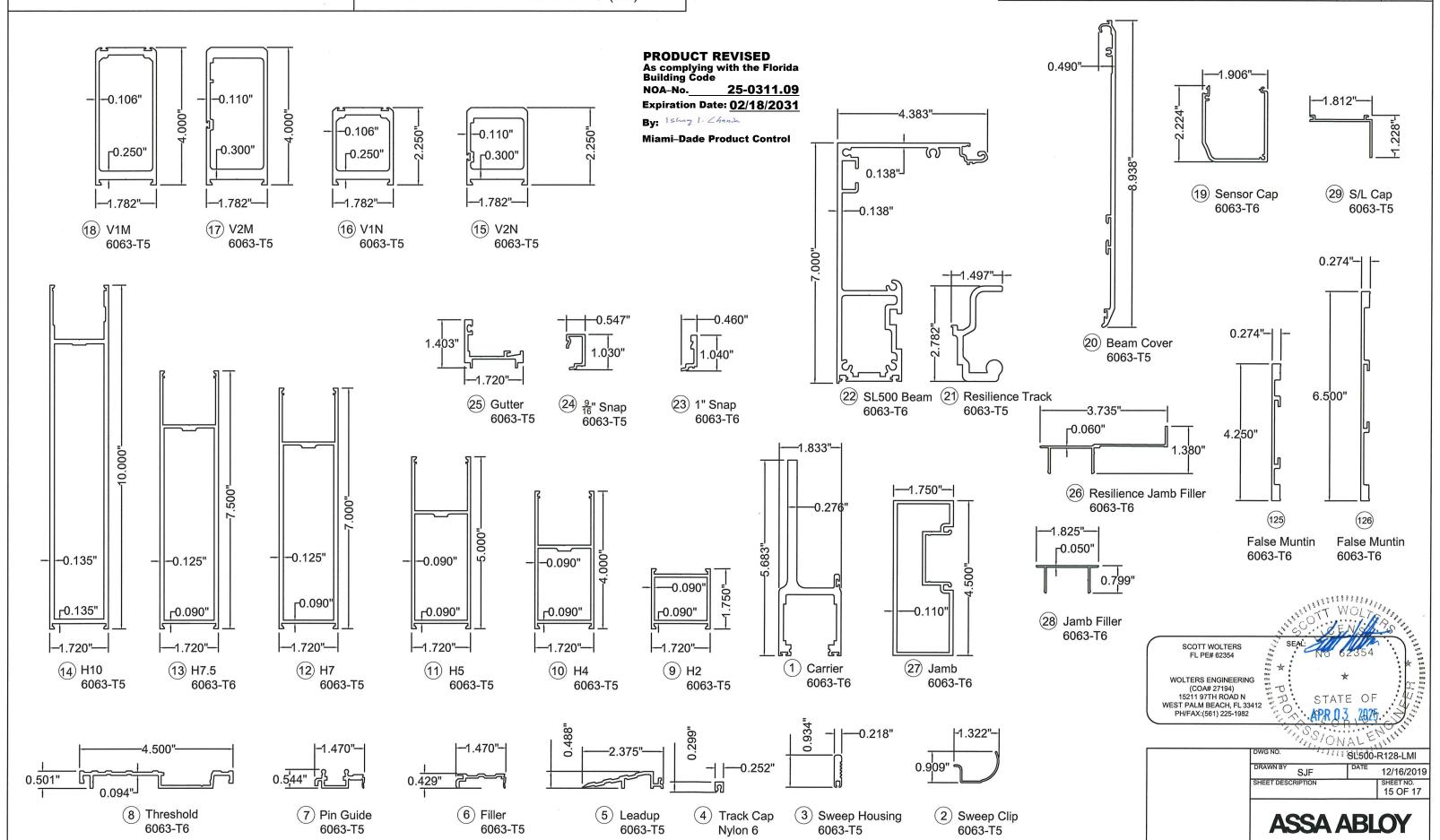
INSTALLATION FASTENER

SEE TABLE 1, SHEET 13.

ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)
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Rev	Description	Date	Approved
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		BITAKING	7110 011102	L OLIDIN
1	Carrier	1015669	41	Deadbo
2	Sweep Clip	1013780	42	Deadbo
3	Sweep Housing	US01-0685	43	2 PT Lo
4	Track Cap	50-20-135	44	3 PT Lo
5	Leadup	1013364	45	Thumb
6	Filler	1013366	46	Cylinde
7	Pin Guide	1013866	47	Lock In
8	Threshold	1013363	48	Lock P
9	H2 Muntin Rail (Optional)	1012947	49	Lock P
10	H4 Bottom Rail	1012942	50	Kit, Loc
11	H5 A/L Top Rail	1012944	51	Resilie
12	H7 Bottom Rail	1012945	52	Pin Gu
13	H7.5 S/L Top Rail	1016075	53	SL500
14	H10 Bottom Rail	1012946	54	Anti-Tv
			55	Top Piv
			56	Bottom
17	V2M HD Rail	1018843	57	Square
18	V1M HD Rail	1018842	58	Kit, Re
19	Sensor Cap	1016738	59	Kit, Int
20	Beam Cover	1016073	60	Resilie
21	Resilience Track	1015670	61	Resilie
22	SL500 Beam	1010590	62	M6 x 2
23	1" Snap	1015702	63	Tall W
24	9/16" Snap	1015701	64	Seal
25	Gutter	1015700		
26	Resilience Jamb Filler	1016844	66	5" Anti
27	Jamb	US01-0931	67	4" Ant
28	Jamb Filler	US01-0933	68	7" Ant
29	S/L Cap	1008138	69	10" An
			70	Rod,TI
			71	Nut,3/8
32	Resilience Crash Bar Kit (Optional)	1017922	72	M6x12
			73	M5x8n
			74	Screw,
			75	Anti-T
			76	NAPS
37	Wedge Seal (1/4" glass)	1703425	77	Resilie
38	Fixed Seal (1/4" glass)	1703424	78	Kit, Re
39	Glass Setting Block	1016294	79	Resilie
40	M6 x 30 FH Threadforming Screw	1701704	80	Lock F
Pos.	Description	Part.no.	Pos.	

41	Deadbolt Lever, AR4550, RH, CL (Optional)	US05-0771-01
42	Deadbolt Lever, AR4550, LH, CL (Optional)	US05-0771-03
43	2 PT Lock	1703500
44	3 PT Lock	1703501
45	Thumbturn	50-06-106
46	Cylinder, Key Alike	US06-1404-02
47	Lock Indicator	50-06-161
48	Lock Pin Assembly, Top	1016991
49	Lock Pin Assembly, Bottom	1016992
50	Kit, Lock Pin Guide	1018060
51	Resilience Pin Guide Assembly	1016658
52	Pin Guide Strike	1016611
53	SL500 Resil Ball Catch Kit	1017039
54	Anti-Twist Bracket	1016628
55	Top Pivot Assembly	1012549
56	Bottom Pivot Assembly	1012548
57	Square Threaded Rod Nut	1016327
58	Kit, Resilience Interlock Bar	1018093
59	Kit, Interlock Hook	1018059
60	Resilience Beam End Cap, Left	1016614
61	Resilience Beam End Cap, Right	1016613
62	M6 x 20 Hex Head Screw	93-09-723187
63	Tall Weatherstrip	US20-0905-01
64	Seal	US20-1658-01
66	5" Anti-Twist Assembly Clip	1013803-3
67	4" Anti-Twist Assembly Clip	1013803-2
68	7" Anti-Twist Assembly Clip	1013897-2
69	10" Anti-Twist Assembly Clip	1013897-1
70	Rod,Threaded,3/8"	50-09-100
71	Nut,3/8-16 Whiz flange zinc	50-09-132
72	M6x12mm SHCS BLK Zinc	1703632
73	M5x8mm BHCS	1703508
74	Screw, HWH, 1/4-14x1"TEK	US09-1294-01
75	Anti-Twist Bracket	1019248
76	NAPS R Btm Ball Catch Kit	1017936
77	Resilience S/L Pivot Base Kit	1019262
78	Kit, Resilience Jamb Interlock Hook	1018092
79	Resilience Jamb Lock Strike	1017900
80	Lock Plate	US04-0948-01
Pos.	Description	Part.no.

81	1/4"x 1-3/4" HWH Elco Ultracon Conc. Anchor	1703636
82	3/16"x 1-3/4" HWH Elco Ultracon Conc. Anchor	1703635
83	1/4"x 3-1/4" PFH Elco Ultracon Conc. Anchor	1703634
84	1/4"-14 x 2" HWH #3 Pt SD ITW TEKS Screw	1703633
85	#14 x 2.5" PH Grade 5 Sheetmetal Screw	1703431
86	#10 x 2" PH Grade 5 Sheetmetal Screw	1703427
87	#14 x 4" RH Grade 5 Sheetmetal Screw	1703494
88	#14 x 3in FH Grade 5 Screw	1703426
89	Nut Plate, Interlock	1019247
90	Resilience Beam End Cap, Right	1016613
91	Resilience Beam End Cap, Left	1016614
92	PSA Arm Kit, HD	1017036
93	Resilience Carrier Lock Strike Assembly	1016637
94	Sweep	US20-1627-02
95	Ball Catch Kit, Carrier Portion, Resilience	US05-1609-01
96	Ball Catch Kit, Active Leaf Door Portion, Resilience	1017038
97	Sweep Clip	1013780
98	Resilience Shear Block	1016612
99	XG Lock Body Mounting Block	1019595
100	#10-32 x 1/2" Ultra Low Profile Socket Head Screw	1704073
101	XG Muntin 'L' Bracket, Resilience	1019660
102	M8x40mm BHCS Black	1703691
103	M8 x 18 SHCS	1703495
104	#10-16 x 5/8" PPH Tek Screw	53-09-003
105	M6x16mm Trilobe BHCS	1703493
106	M6 x 30 FH Threadforming Screw	1701704
107	M6x30mm HHCS	93-09-723187
109	M6 Steel Rivnut	US09-1560-01
110	M8 Steel Rivnut	1703429
		WOLF WOLF

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SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 PH/FAX:(561) 225-1982

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12/16/2019 SHEET NO. 16 of 17 SHEET DESCRIPTION **ASSA ABLOY**

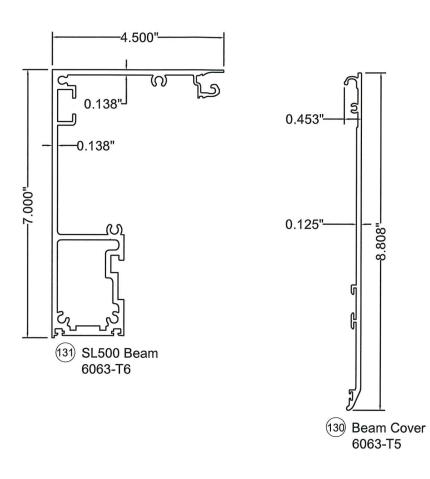


ASSA ABLOY ENTRANCE SYSTEMS 1900 AIRPORT ROAD

ASSA ABLOY SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (LMI)

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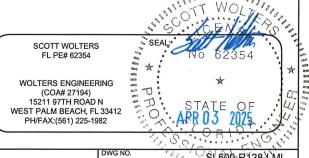
111	Carrier Positive Stop Bracket, Single Slide	1017002
112	Carrier Positive Stop Bracket, Bi-Part	1016615
116	Beam Interlock Hook	1016622
117	Level E Lock Guard, Left	1017889
118	Level E Lock Guard, Right	1017890
119	Jamb Interlock Strike	US04-0948
120	XG Lock Body Mounting Block	1019595
121	M6x60mm HHCS	1703666
122	M6 Hex Nut	04-09-726016
123	XG Muntin 'L' Bracket, Resilience	1019660
124	M6x25mm FHCS, Thread Former	1703678
125	FM2 - False Muntin	1018855
126	FM4 - False Muntin	1018856
127	Double Sided Adhesive Tape	
128	XG Gutter Steel, R128	1019938
129	XG Tube Reinf., R128 Impact	1020250
130	Alternate Beam Cover	1021588
131	Alternate SL500 Beam	1021586
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Pos	Description	Part.no.
Pos.	Description	Part.no.



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