



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

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 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 "SL-500 Resilience R128" Sliding Glass Door System Bi-Parting and Single Sliding
- Non Impact**

APPROVAL DOCUMENT: Drawing No. **SL500-R128 -NI** titled "Series SL-500 Resilience R128 Sliding Door System Bi-Parting and Single Sliding – Non Impact ", 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, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None.

Limitations:

1. Max panel widths not to exceed per sheet 2 (So-Sx-Sx-So) and sheet 3 (So-Sx).
2. Not approved where water infiltration is required.

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

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

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

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

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

This NOA **revises NOA#20-0625.05** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



S. Zhao

05/27/2021

NOA No. 21-0324.13
Expiration Date: February 18, 2026
Approval Date: May 27, 2021
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOAS'

A. DRAWINGS

1. Manufacturer's die drawings and sections. *(Submitted under NOA No. 20-0625.05)*
2. Drawing No. **SL500-R128 -NI** titled "Series SL-500 Resilience R128 Sliding Door System Bi-Parting and Single Sliding – Non Impact ", sheets 1 through 17 of 17, dated 12/16/2019, prepared by manufacture, signed and sealed by Scott Wolters, P.E on 06/16/2020. *(Submitted under NOA No. 20-0625.05)*

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94 (**0.79** cfm/ft² @**1.57** PSF)
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) 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. **K0586.05-550-18** and **K0586.06-550-18** dated 03/13/2020, signed and sealed by Vinu Abraham, P.E. *(Submitted under NOA No. 20-0625.05)*

C. CALCULATIONS

1. Anchor verification calculations dated 06/16/2020 with revision dated 11/06/2020, prepared by Wolters engineering, signed and sealed by Scott Wolters, P.E. *(Submitted under NOA No. 20-0625.05)*
2. Glazing complies w/ ASTM E-1300-09.

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

G. OTHER

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



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 21-0324.13
Expiration Date: February 18, 2026
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **SL500-R128 -NI** titled “Series SL-500 Resilience R128 Sliding Door System Bi-Parting and Single Sliding – Non Impact “, 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

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. 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

1. This NOA revises NOA No. **20-0625.05**, expiring on 02/18/2026.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 21-0324.13
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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 (NON-IMPACT)

Revisions			
Rev	Description	Date	Approved
0	Initial Release		SJF

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED PER TAS 201, 202, & 203. IT MEETS ALL OF THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE, INCLUDING THE HVHZ PROVISIONS. THIS PRODUCT HAS NOT BEEN TESTED FOR IMPACT RESISTANCE. IMPACT RESISTANT SHUTTERS ARE 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 LISTED IN THE ANCHOR CHART ON SHEET 13.
5. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS LISTED IN THE ANCHOR CHART ON SHEET 13, AND AS DETAILED IN THESE DRAWINGS. 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 ANALYSIS OF WOOD SCREWS ONLY.
8. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT GALVANIC REACTIONS IN ACCORDANCE WITH FBC CHAPTERS 20 AND 23.

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.

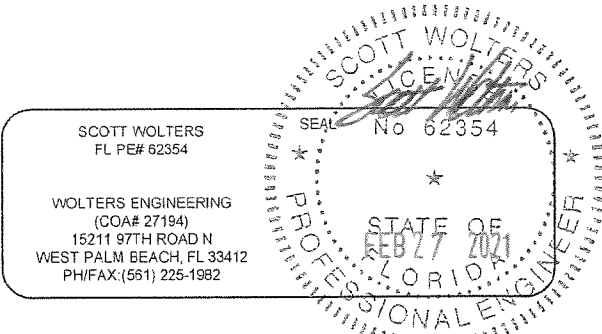
Sheet

1
2
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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

DESIGN PRESSURE	IMPACT RATING
SEE TABLES ON SHEET 4	THIS SYSTEM HAS NOT BEEN TESTED FOR IMPACT RESISTANCE



PRODUCT REVISED
as complying with the Florida
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NOA-No. 21-0324.13
Expiration Date 02/18/2026
By
Miami-Dade Product Control

DWG NO.	SL500-R128-NI
DRAWN BY	SJF
DATE	12/16/2019
SHEET DESCRIPTION	SHEET NO.
	1 OF 17



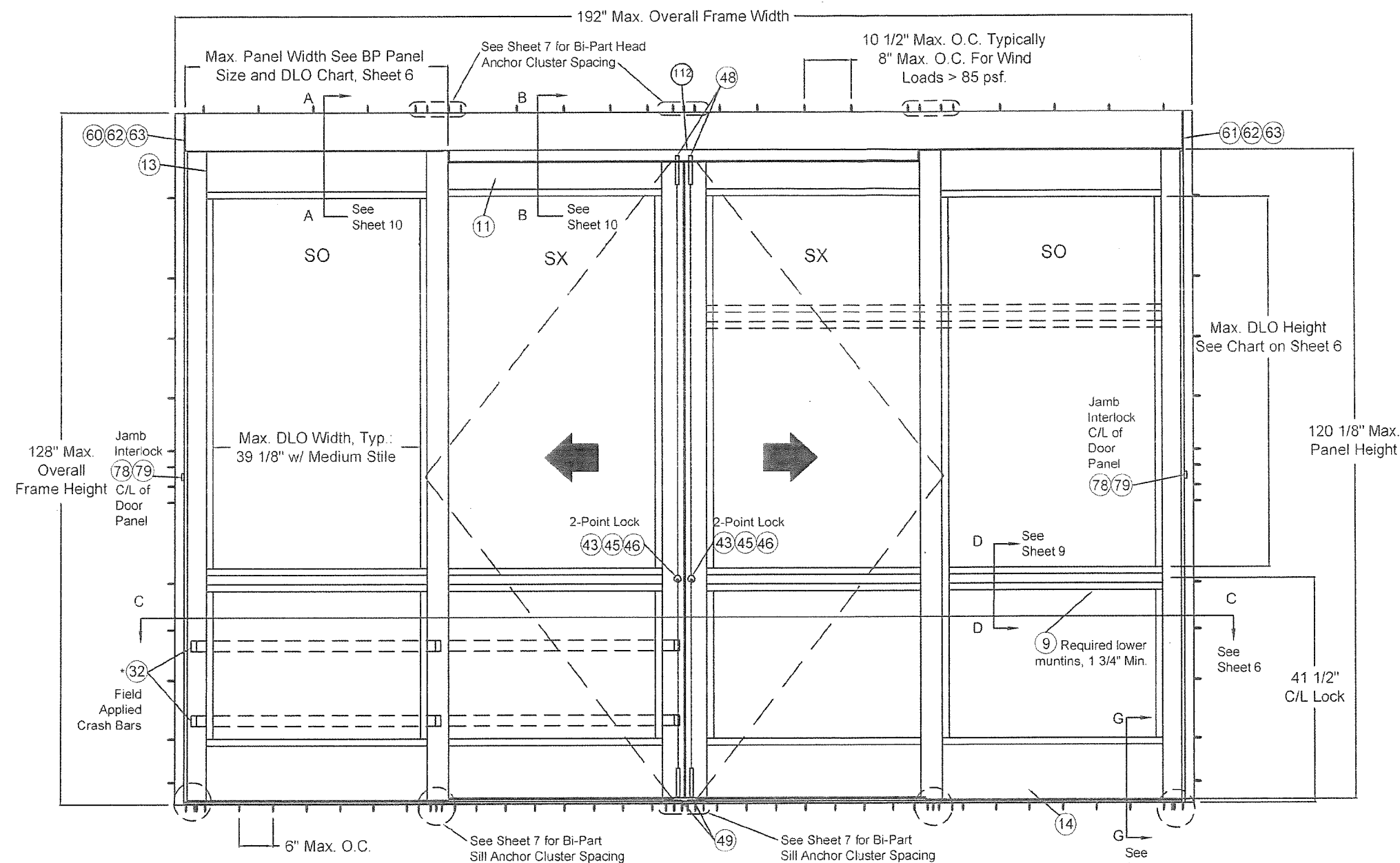
ASSA ABLOY

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

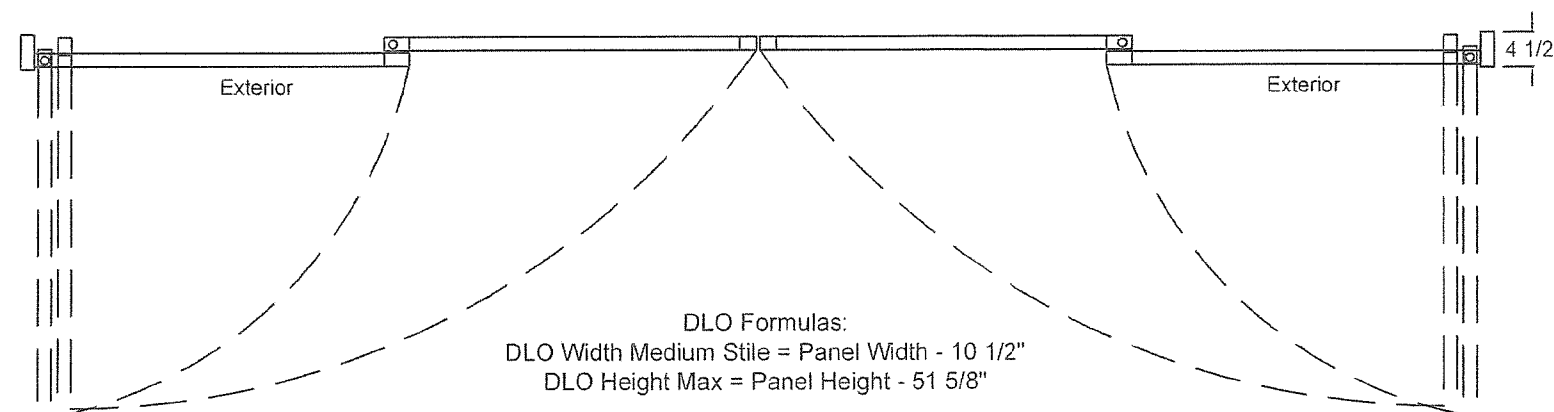
ASSA ABLOY
SL500 RESILIENCE R128 SLIDING DOOR SYSTEM
BI-PARTING AND SINGLE SLIDING (NON-IMPACT)

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

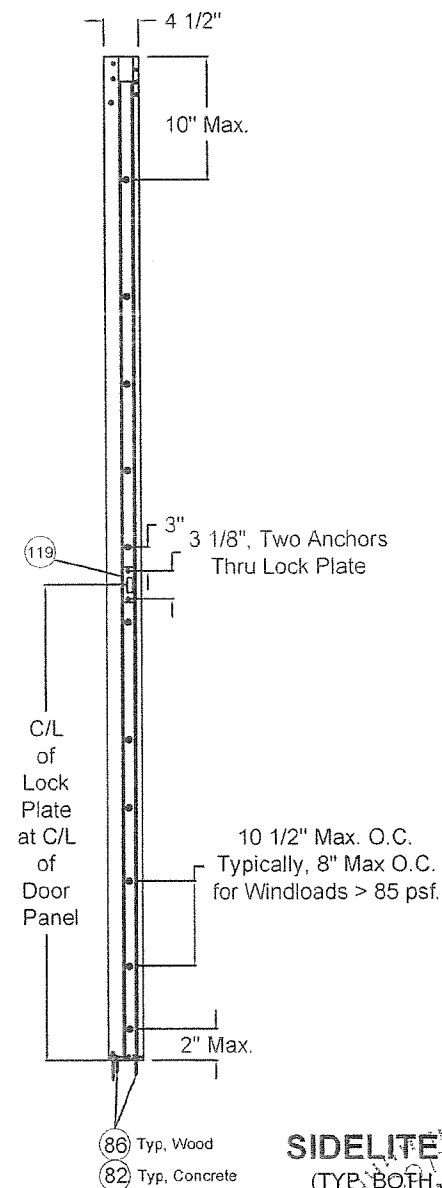
Revisions			
Rev	Description	Date	Approved
0	Initial Release		SJF



BP FBO (4 Panels Bi-Part Full Breakout)



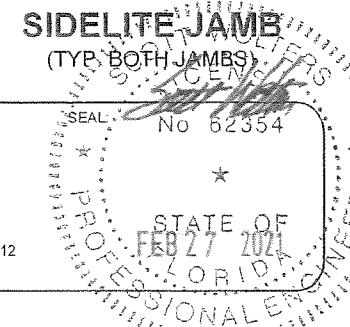
DLO Formulas:
DLO Width Medium Stile = Panel Width - 10 1/2"
DLO Height Max = Panel Height - 51 5/8"



SIDELITE JAMB
(TYP. BOTH JAMBS)

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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DWG NO.	SL500-R128-NI
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SHEET DESCRIPTION	SHEET NO. 2 OF 17

ASSA ABLOY

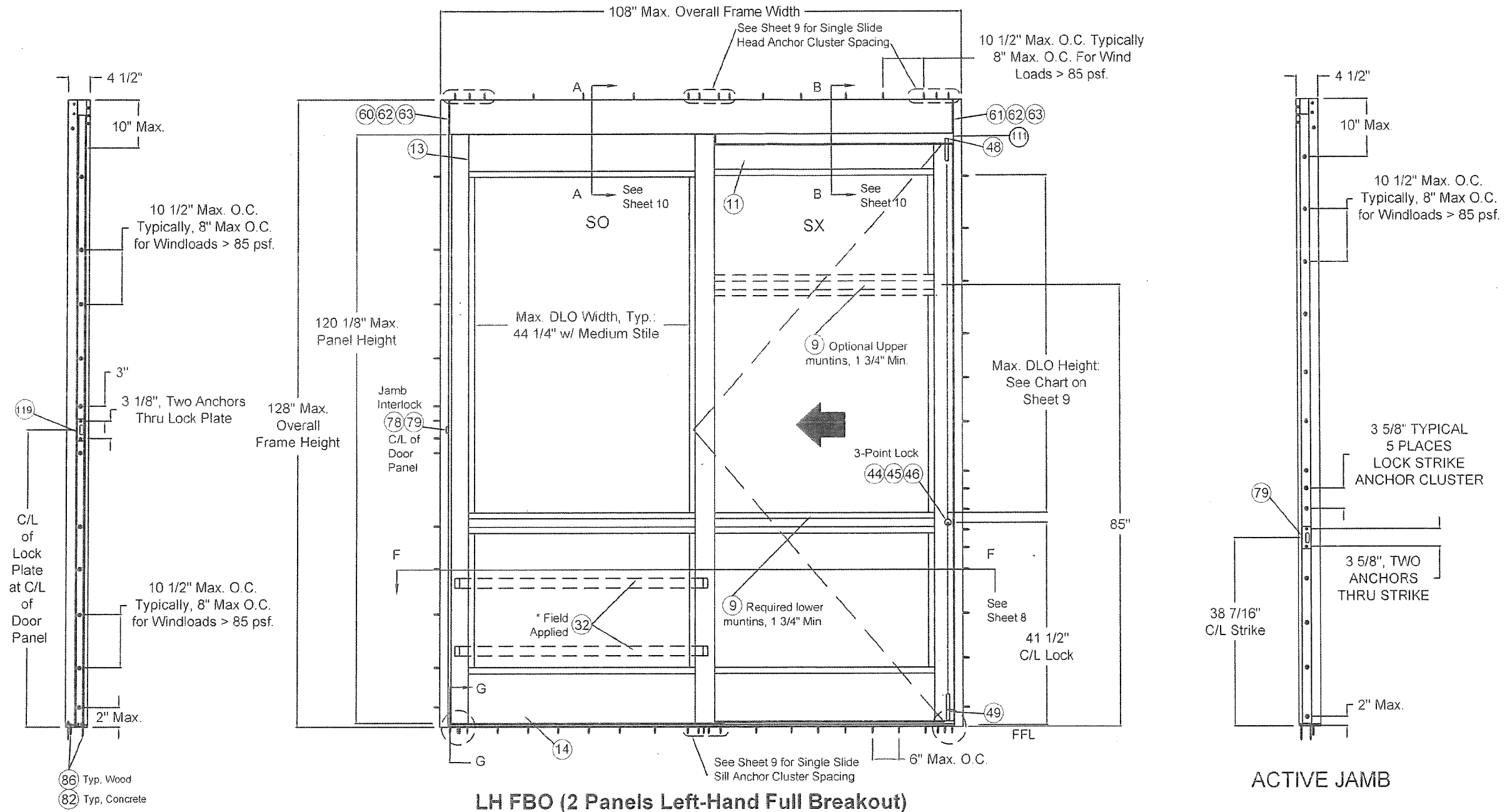
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ASSA ABLOY
SL500 RESILIENCE R128 SLIDING DOOR SYSTEM
BI-PARTING AND SINGLE SLIDING (NON-IMPACT)

NOTE: See Sheet 8 for Single Slide
Head Anchor Locations

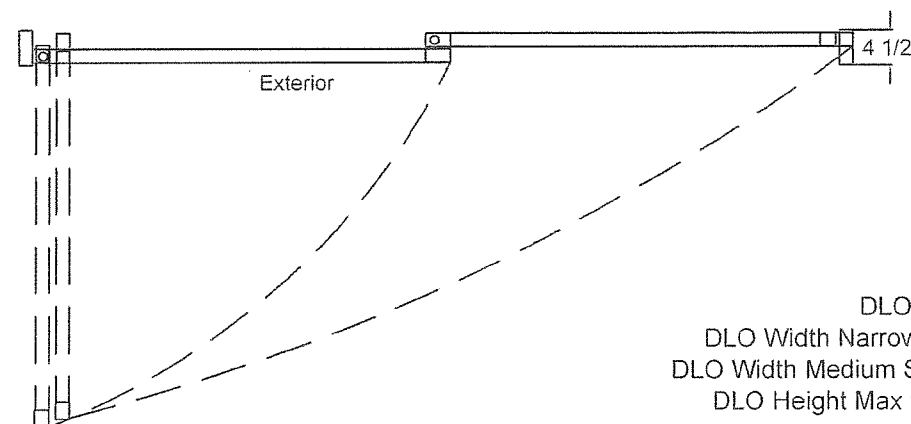
Revisions			
Rev	Description	Date	Approved
0	Initial Release		SJF



SIDELITE JAMB

LH FBO (2 Panels Left-Hand Full Breakout)

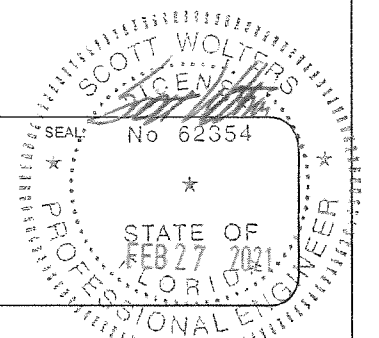
ACTIVE JAMB



DLO Formulas:
DLO Width Narrow Stile = Panel Width - 7"
DLO Width Medium Stile = Panel Width - 10 1/2"
DLO Height Max = Panel Height - 51 5/8"

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SHEET DESCRIPTION	SHEET NO. 3 OF 17

ASSA ABLOY



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

Revisions			
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Single Slide Design Pressures:

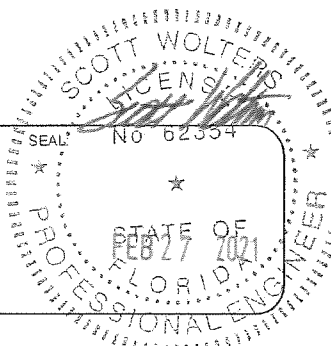
MAX DESIGN PRESSURE FOR GLASS TYPE 4 (NON-IMPACT) SINGLE SLIDE - NARROW STILE WITH 3-POINT LOCK						MAX DESIGN PRESSURE FOR GLASS TYPE 4 (NON-IMPACT) SINGLE SLIDE - MEDIUM STILE WITH 3-POINT LOCK					
FRAME HEIGHT (in)	FRAME WIDTH (in)	MAX DESIGN PRESSURE +/- (psf)	FRAME HEIGHT (in)	FRAME WIDTH (in)	MAX DESIGN PRESSURE +/- (psf)	FRAME HEIGHT (in)	FRAME WIDTH (in)	MAX DESIGN PRESSURE +/- (psf)	FRAME HEIGHT (in)	FRAME WIDTH (in)	MAX DESIGN PRESSURE +/- (psf)
104	80	114.8	119	80	84.3	104	80	116.3	119	80	101.6
104	84	109.3	119	84	82.3	104	84	110.8	119	84	96.8
104	88	104.3	119	88	76.6	104	88	105.7	119	88	92.4
104	92	99.8	119	92	73.3	104	92	101.1	119	92	88.4
104	96	95.6	119	96	70.2	104	96	96.9	119	96	84.7
104	100	91.8	119	100	67.4	104	100	93.0	119	100	81.3
104	104	88.3	119	104	64.8	104	104	89.5	119	104	78.2
104	108	85.0	119	108	62.4	104	108	86.2	119	108	75.3
108	80	106.6	122	80	78.2	108	80	112.0	122	80	99.1
108	84	101.5	122	84	74.5	108	84	106.7	122	84	94.4
108	88	96.9	122	88	71.1	108	88	101.8	122	88	90.1
108	92	92.7	122	92	68.0	108	92	97.4	122	92	86.2
108	96	88.9	122	96	65.2	108	96	93.3	122	96	82.6
108	100	85.3	122	100	62.6	108	100	89.6	122	100	79.3
108	104	82.0	122	104	60.1	108	104	86.2	122	104	76.3
108	108	79.0	122	108	57.9	108	108	83.0	122	108	73.4
112	80	98.5	125	80	72.1	112	80	108.0	125	80	96.8
112	84	93.8	125	84	68.7	112	84	102.9	125	84	92.2
112	88	89.5	125	88	65.5	112	88	98.2	125	88	88.0
112	92	85.6	125	92	62.7	112	92	93.9	125	92	84.1
112	96	82.1	125	96	60.1	112	96	90.0	125	96	80.6
112	100	78.8	125	100	57.7	112	100	86.4	125	100	77.4
112	104	75.8	125	104	55.5	112	104	83.1	125	104	74.4
112	108	73.0	125	108	53.4	112	108	80.0	125	108	71.7
116	80	90.4	128	80	66.0	116	80	104.3	128	80	94.5
116	84	86.1	128	84	62.9	116	84	99.3	128	84	90.0
116	88	82.2	128	88	60.0	116	88	94.8	128	88	85.9
116	92	78.6	128	92	57.4	116	92	90.7	128	92	82.2
116	96	75.3	128	96	55.0	116	96	86.9	128	96	78.8
116	100	72.3	128	100	52.8	116	100	83.4	128	100	75.6
116	104	69.5	128	104	50.8	116	104	80.2	128	104	72.7
116	108	66.9	128	108	48.9	116	108	77.2	128	108	70.0

Bi-Parting Design Pressures:

MAX DESIGN PRESSURE FOR GLASS TYPE 4 (NON-IMPACT) BI-PARTING - NARROW OR MEDIUM STILE WITH 4-POINT LOCK					
FRAME HEIGHT (in)	FRAME WIDTH (in)	MAX DESIGN PRESSURE +/- (psf)	FRAME HEIGHT (in)	FRAME WIDTH (in)	MAX DESIGN PRESSURE +/- (psf)
104	120	112.0	119	120	97.0
104	132	101.8	119	132	88.2
104	144	93.3	119	144	80.8
104	156	86.2	119	156	74.6
104	168	80.0	119	168	69.3
104	180	74.7	119	180	64.7
104	192	70.0	119	192	60.6
108	120	108.0	122	120	94.0
108	132	98.2	122	132	85.5
108	144	90.0	122	144	78.3
108	156	83.1	122	156	72.3
108	168	77.1	122	168	67.1
108	180	72.0	122	180	62.7
108	192	67.5	122	192	58.8
112	120	104.0	125	120	91.0
112	132	94.5	125	132	82.7
112	144	86.7	125	144	75.8
112	156	80.0	125	156	70.0
112	168	74.3	125	168	65.0
112	180	69.3	125	180	60.7
112	192	65.0	125	192	56.9
116	120	100.0	128	120	88.0
116	132	90.9	128	132	80.0
116	144	83.3	128	144	73.3
116	156	76.9	128	156	67.7
116	168	71.4	128	168	62.9
116	180	66.7	128	180	58.7
116	192	62.5	128	192	55.0

SCOTT WOLTERS
FL PE# 62354

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SHEET DESCRIPTION	
SHEET NO.	4 OF 17



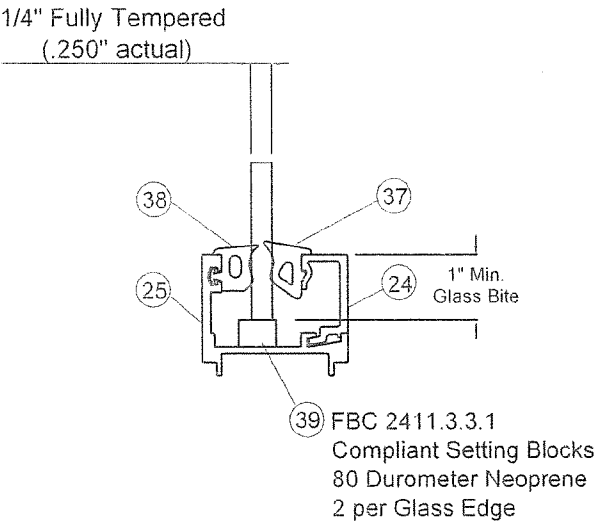
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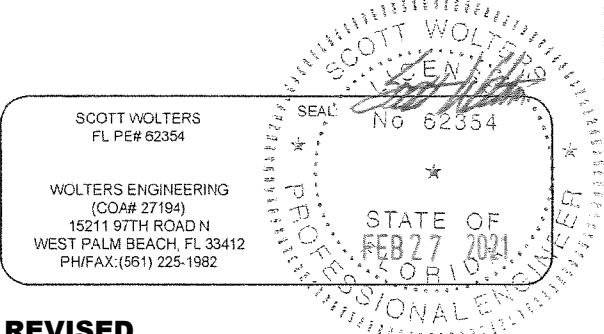
Revisions			
Rev	Description	Date	Approved
0	Initial Release		SJF

Glass Type 4
1/4" TEMPERED GLASS



NON-IMPACT

GLASS TYPE 4 IS NOT IMPACT
RESISTANT. AN IMPACT RESISTANT
SHUTTER SYSTEM IS REQUIRED FOR
USE IN WINDBORNE DEBRIS REGIONS.



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DWG NO	SL500-R128-NI
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SHEET DESCRIPTION	SHEET NO. 5 OF 17

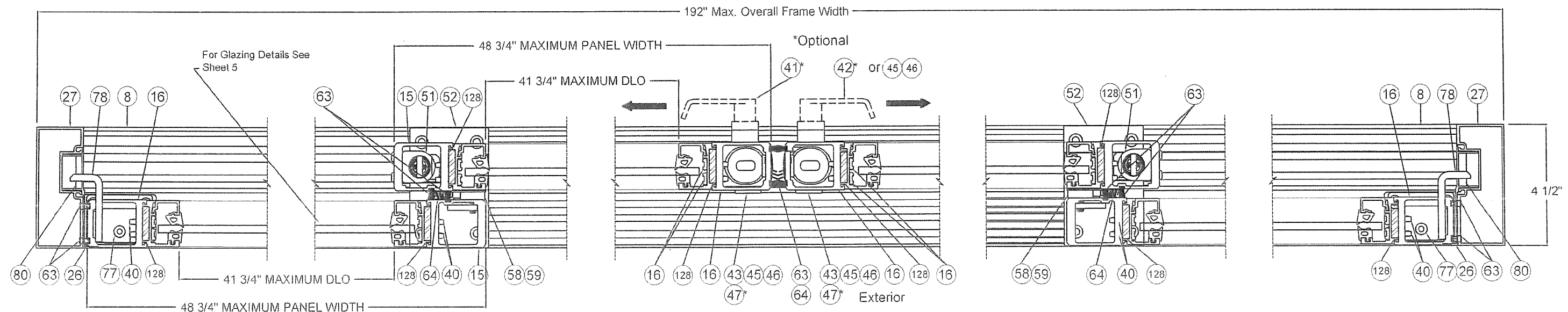
ASSA ABLOY

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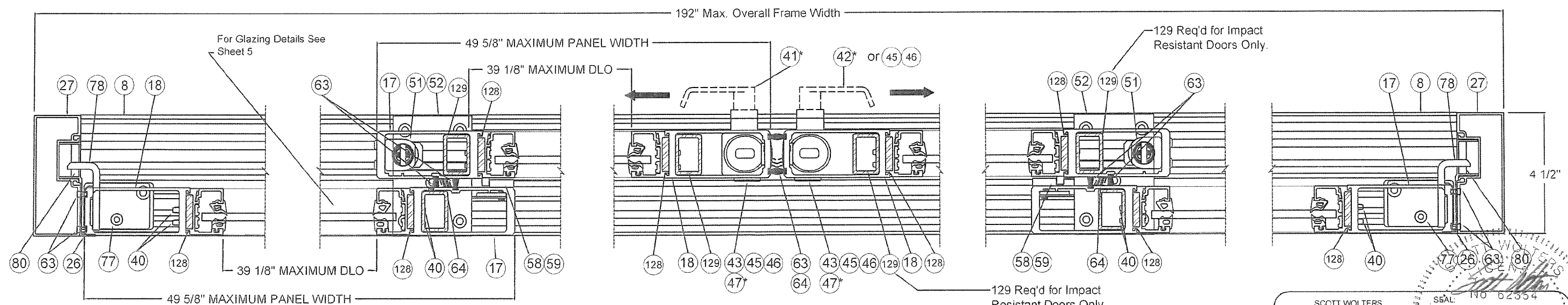
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Section C-C, Narrow Stile
BI-PARTING FULL BREAKOUT SHOWN



Section C-C, Medium Stile
BI-PARTING FULL BREAKOUT SHOWN

BP Panel Size and Daylight Opening Chart

Door Stile	Maximum Panel Width	Maximum DLO Width
Narrow	48 3/4"	41 3/4"
Medium	49 5/8"	39 1/8"
Lower Muntin		Maximum DLO Height
1-3/4"		68 1/2"

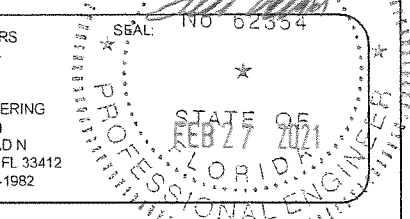
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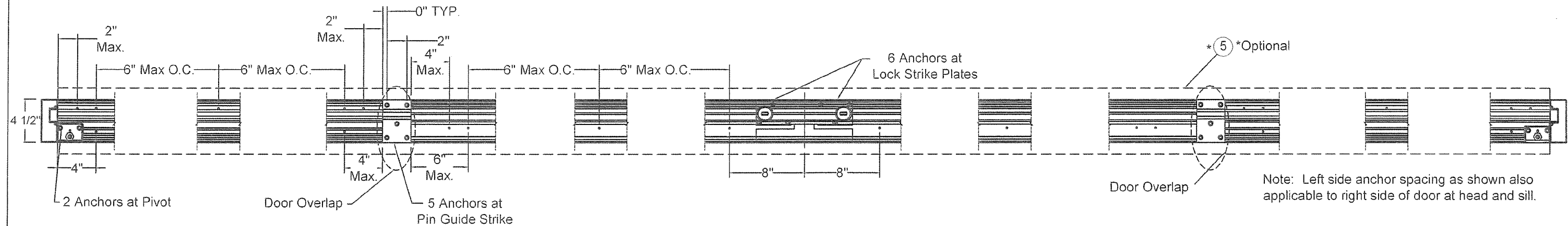
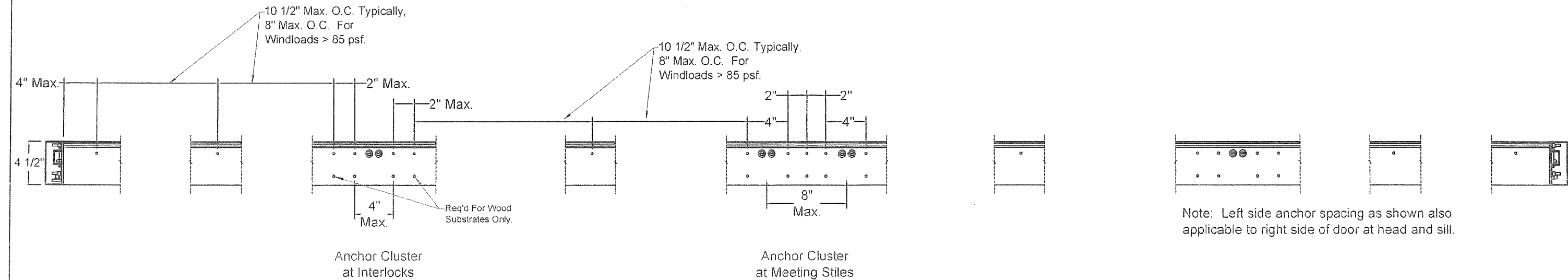


DWG NO	SL500-R128-NI
DRAWN BY	SJF
DATE	12/16/2019
SHEET DESCRIPTION	SHEET NO. 6 OF 17

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Revisions			
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BI-PART HEAD ANCHOR LOCATIONS



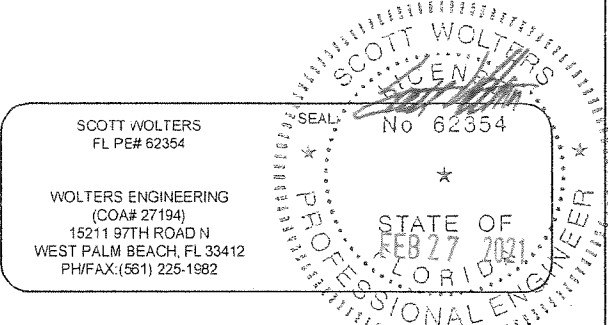
BI-PART SILL ANCHOR LOCATIONS

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"

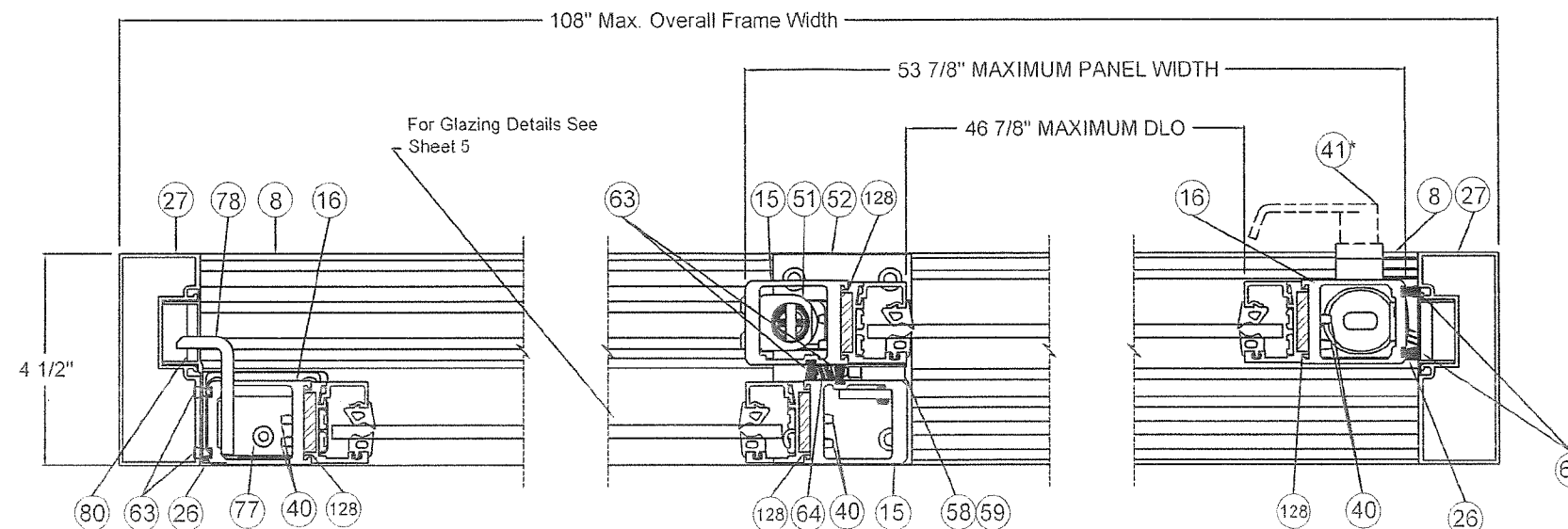
PRODUCT REVISED
as complying with the Florida
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NOA-No. 21-0324.13
Expiration Date 02/18/2026
By *[Signature]*
Miami-Dade Product Control

DWG NO.	SL500-R128-NI
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SHEET DESCRIPTION	
SHEET NO.	7 OF 17

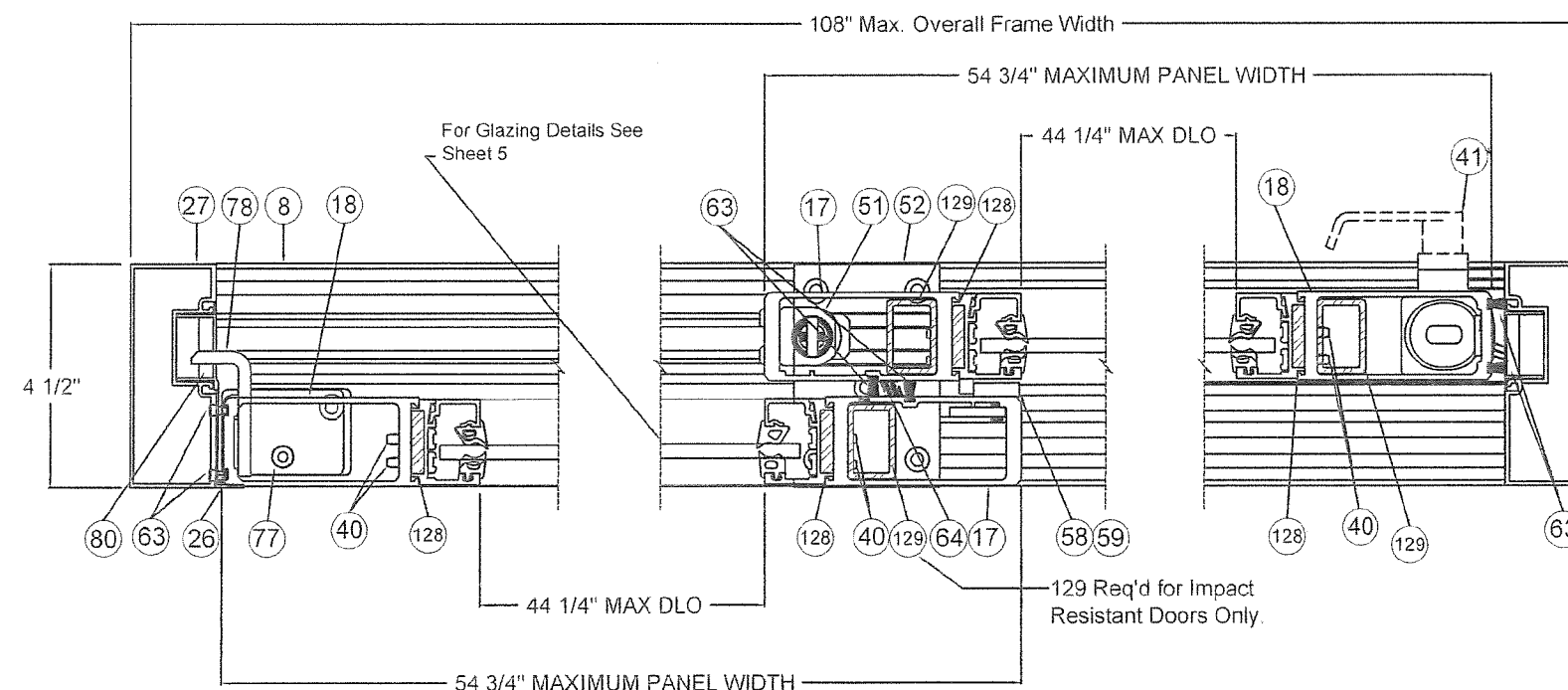
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Revisions			
Rev	Description	Date	Approved
0	Initial Release		SJF

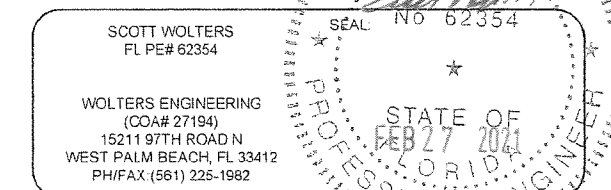


Section F-F, Narrow Stile
SINGLE SLIDE FULL BREAKOUT SHOWN



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

Single Slide Panel Size and Daylight Opening Chart		
Door Stile	Maximum Panel Width	Maximum DLO Width
Narrow	53 7/8"	46 7/8"
Medium	54 3/4"	44 1/4"
Lower Muntin		Maximum DLO Height
1-3/4"		68 1/2"



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SHEET DESCRIPTION	SHEET NO. 8 OF 17

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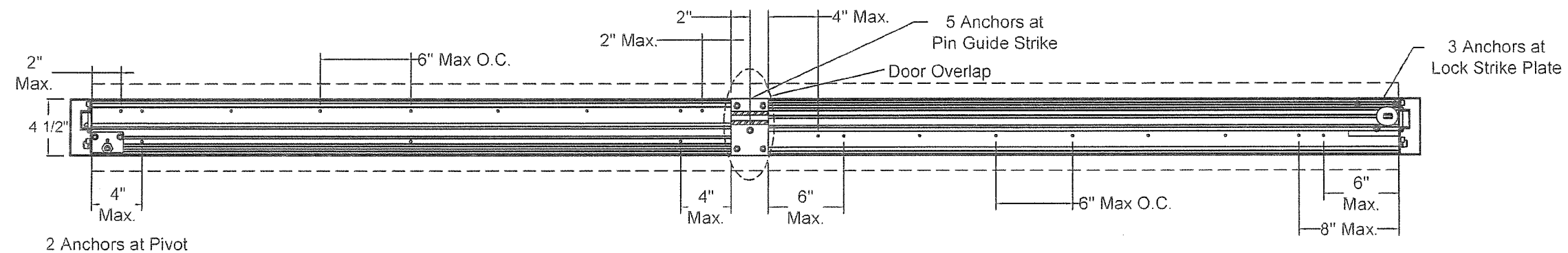
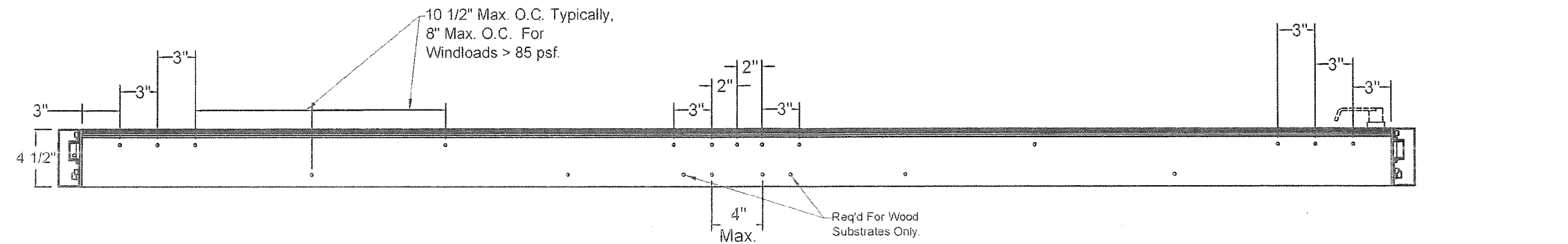
ASSA ABLOY ENTRANCE SYSTEMS
1900 AIRPORT ROAD
MONROE, NC 28110
PHONE: 1-866-237-2687

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

Revisions

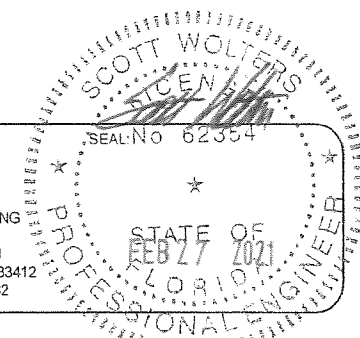
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SINGLE-SLIDE HEAD ANCHOR LOCATIONS



SINGLE-SLIDE SILL ANCHOR LOCATIONS

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



BP Panel Size and Daylight 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"

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NOA-No. 21-0324.13

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

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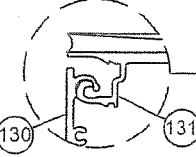
ASSA ABLOY

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

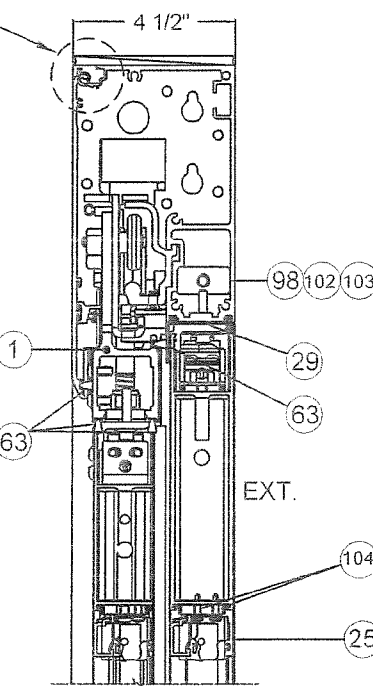
ASSA ABLOY
SL500 RESILIENCE R128 SLIDING DOOR SYSTEM
BI-PARTING AND DOUBLE SLIDING (NON IMPACT)

Revisions			
Rev	Description	Date	Approved
0	Initial Release		SJF

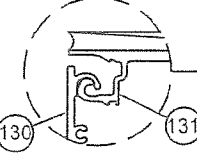
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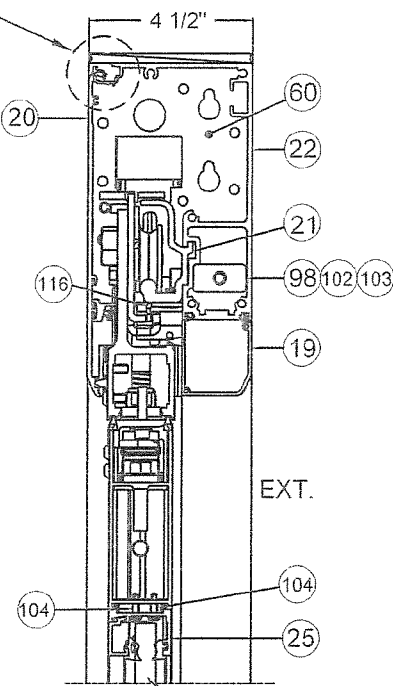
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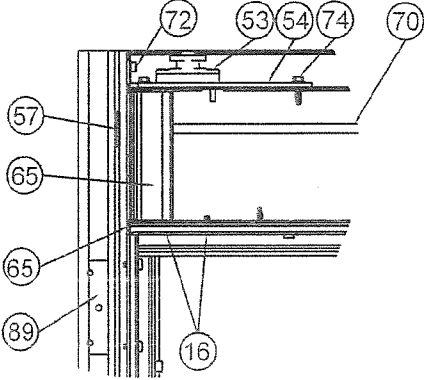
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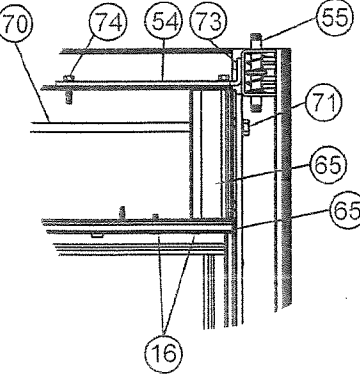
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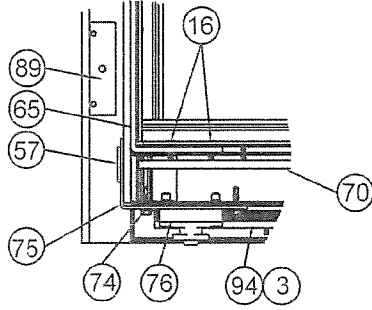
Sidelite Top Corner- Lead Side



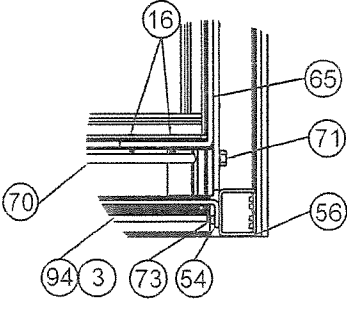
Sidelite Top Corner- Pivot Side



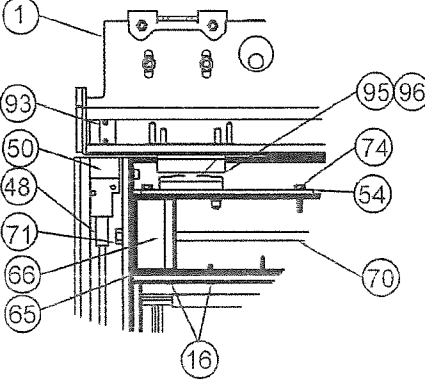
Sidelite Bottom Corner- Lead Side



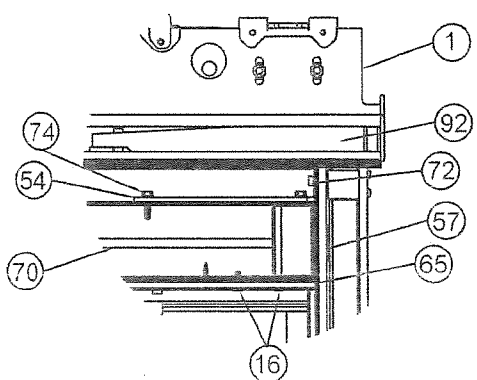
Sidelite Bottom Corner- Pivot Side



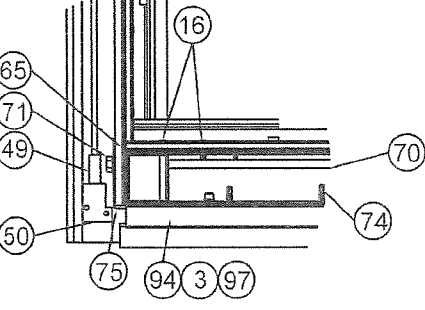
Active Leaf Top Corner- Lead Side



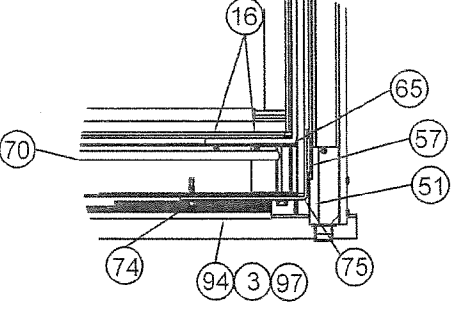
Active Leaf Top Corner-Pivot Side



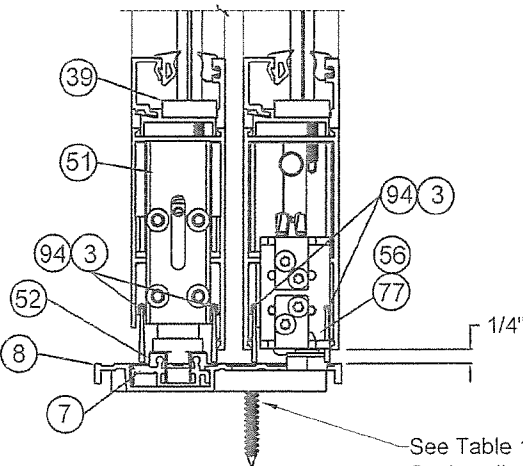
Active Leaf Bottom Corner- Lead Side



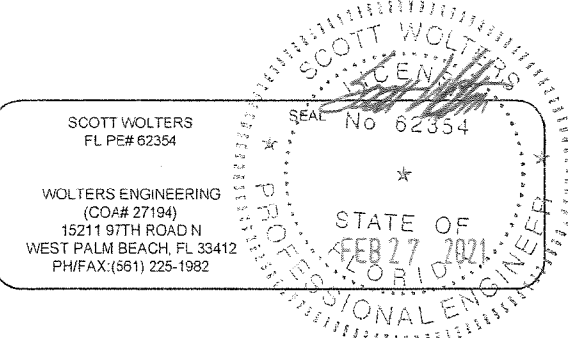
Active Leaf Bottom Corner-Pivot Side




Section G-G



See Table 1 on Sheet 13
For Installation Anchor Info.



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DWG NO.	SL500-R128-NI
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SHEET DESCRIPTION	
SHEET NO.	10 OF 17

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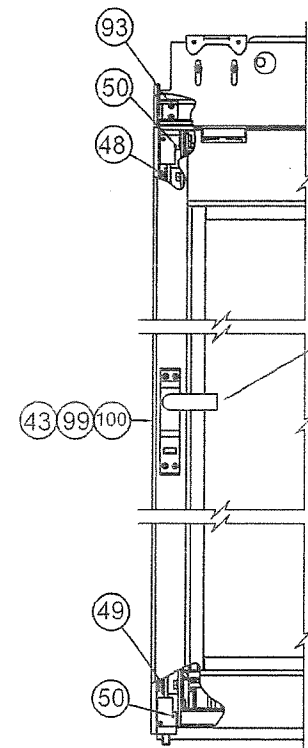
ASSA ABLOY ENTRANCE SYSTEMS
1900 AIRPORT ROAD
MONROE, NC 28110
PHONE: 1-866-237-2687

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

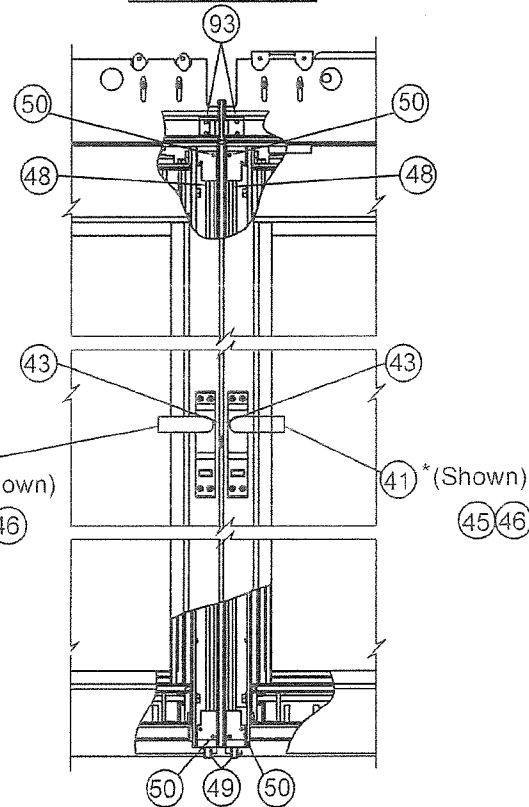
Revisions

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Single Slide 3-Pt Lock

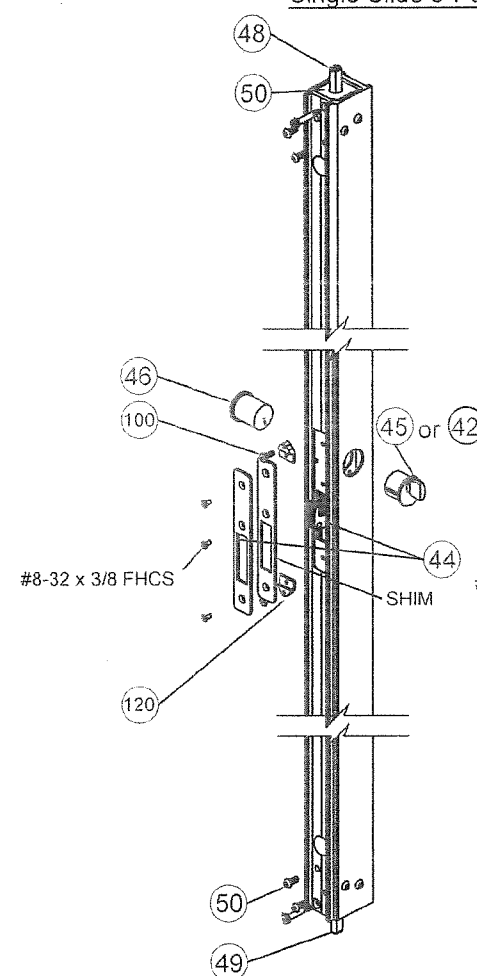


Bi-part 4-Pt Lock

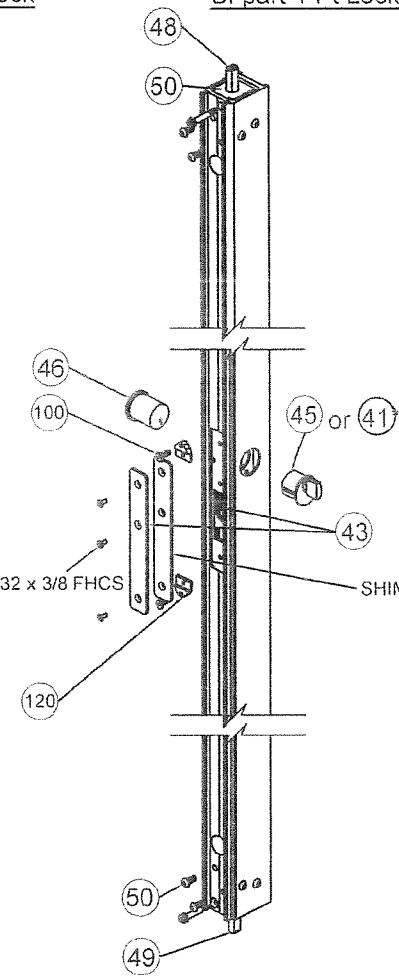


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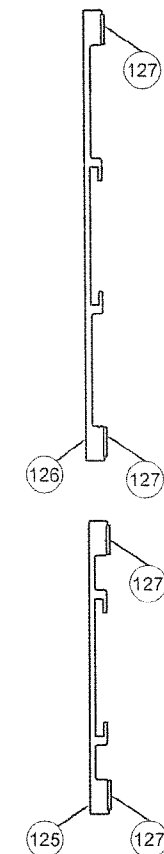
Single Slide 3-Pt Lock



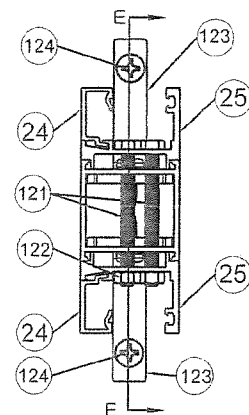
Bi-part 4-Pt Lock



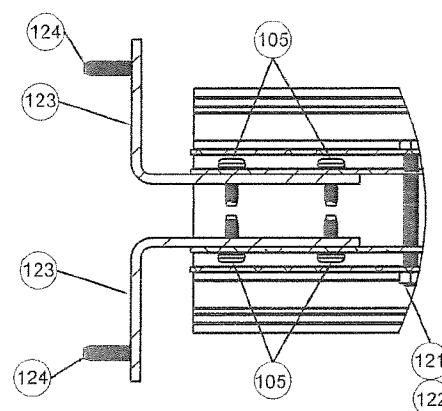
Section E-E
SURFACE APPLIED
MUNTIN



Section D-D
TRUE DIVIDED
MUNTIN



Section E-E
TRUE DIVIDED
MUNTIN



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FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
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SEAL No 62354

STATE OF
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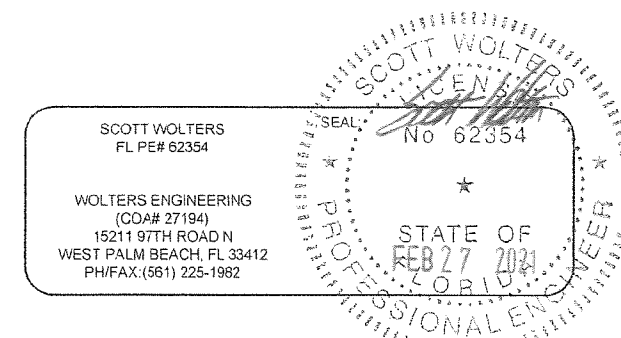
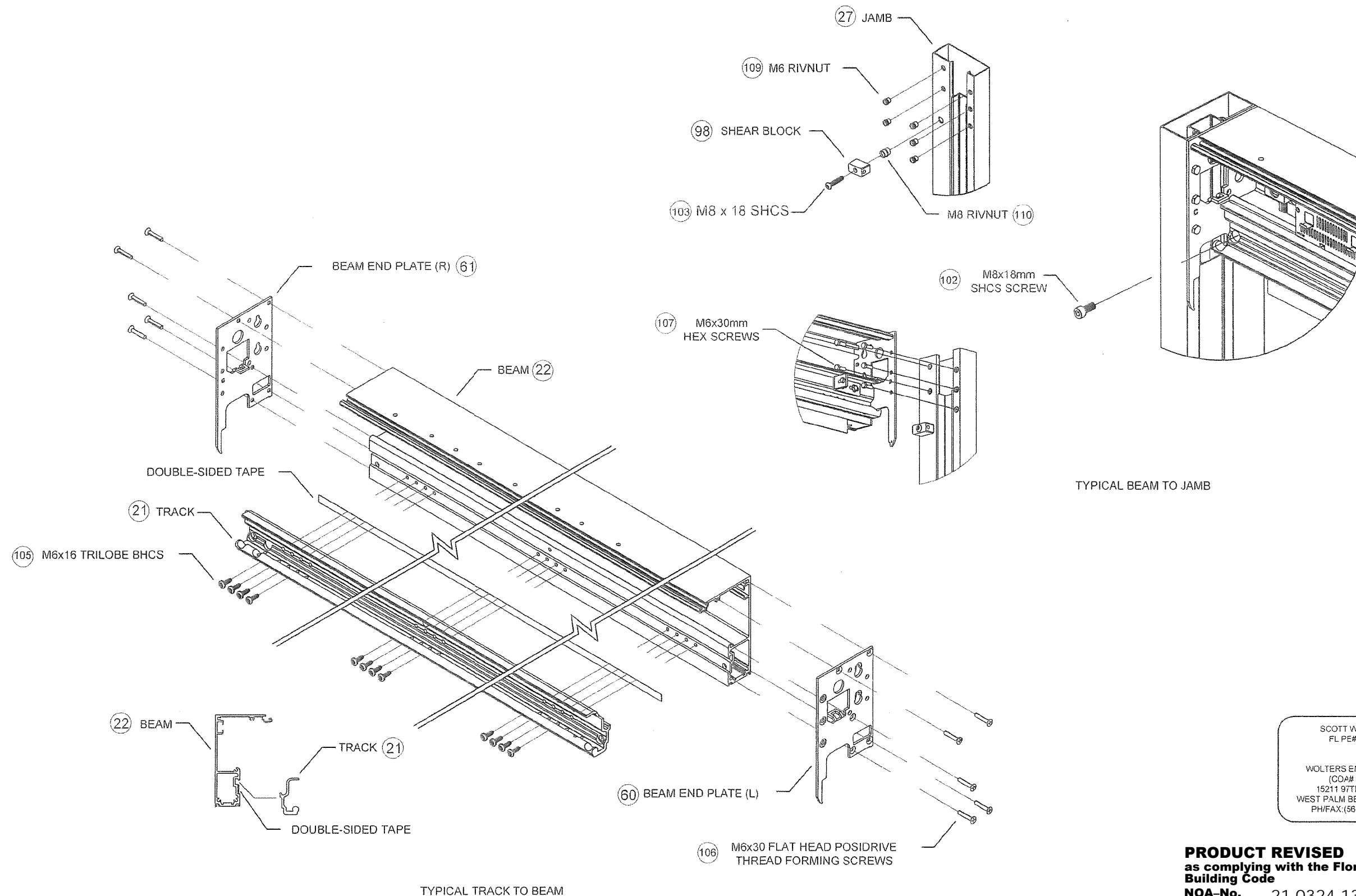
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SHEET DESCRIPTION	SHEET NO. 11 OF 17

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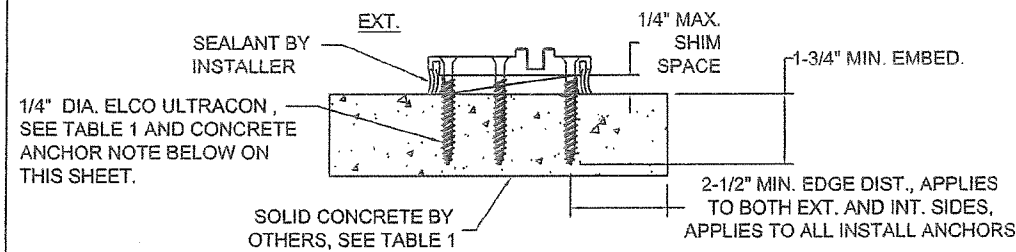
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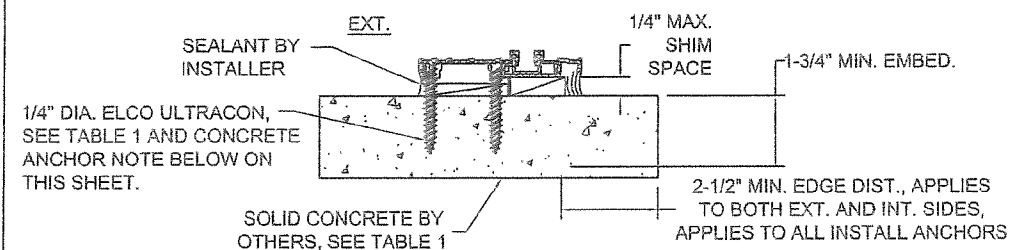
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SHEET DESCRIPTION	SHEET NO. 12 OF 17

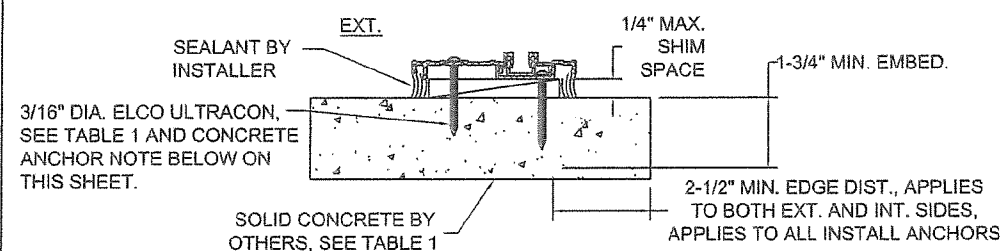
TYPICAL SILL ANCHOR DETAILS IN CONCRETE



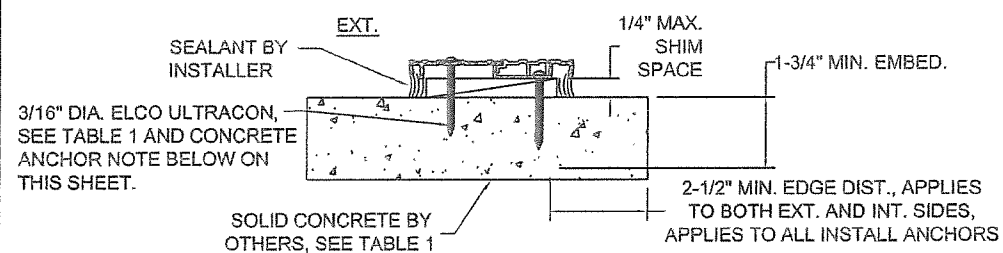
AT PIN GUIDE STRIKES



AT LOCK STRIKE PLATES

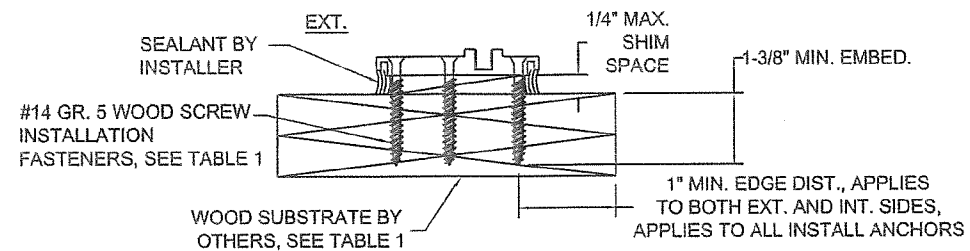


AT SIDELITE THRESHOLD

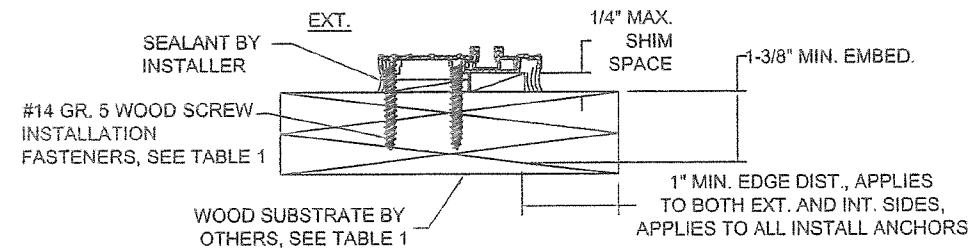


AT OPERABLE THRESHOLD

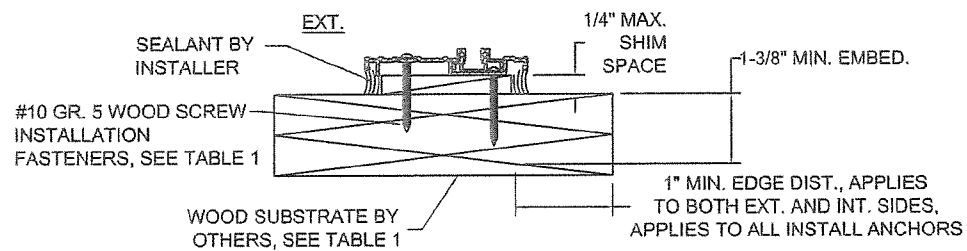
TYPICAL SILL ANCHOR DETAILS IN WOOD



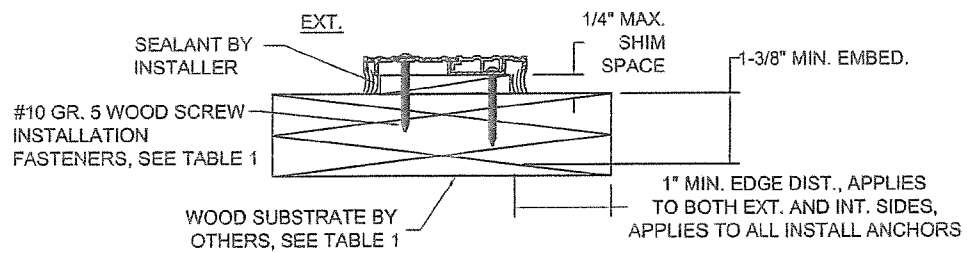
AT PIN GUIDE STRIKES



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 ELSEWHERE 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: INSTALLATION ANCHOR REQUIREMENTS

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

** 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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FL PE# 62354

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SHEET DESCRIPTION	SHEET NO. 13 OF 17

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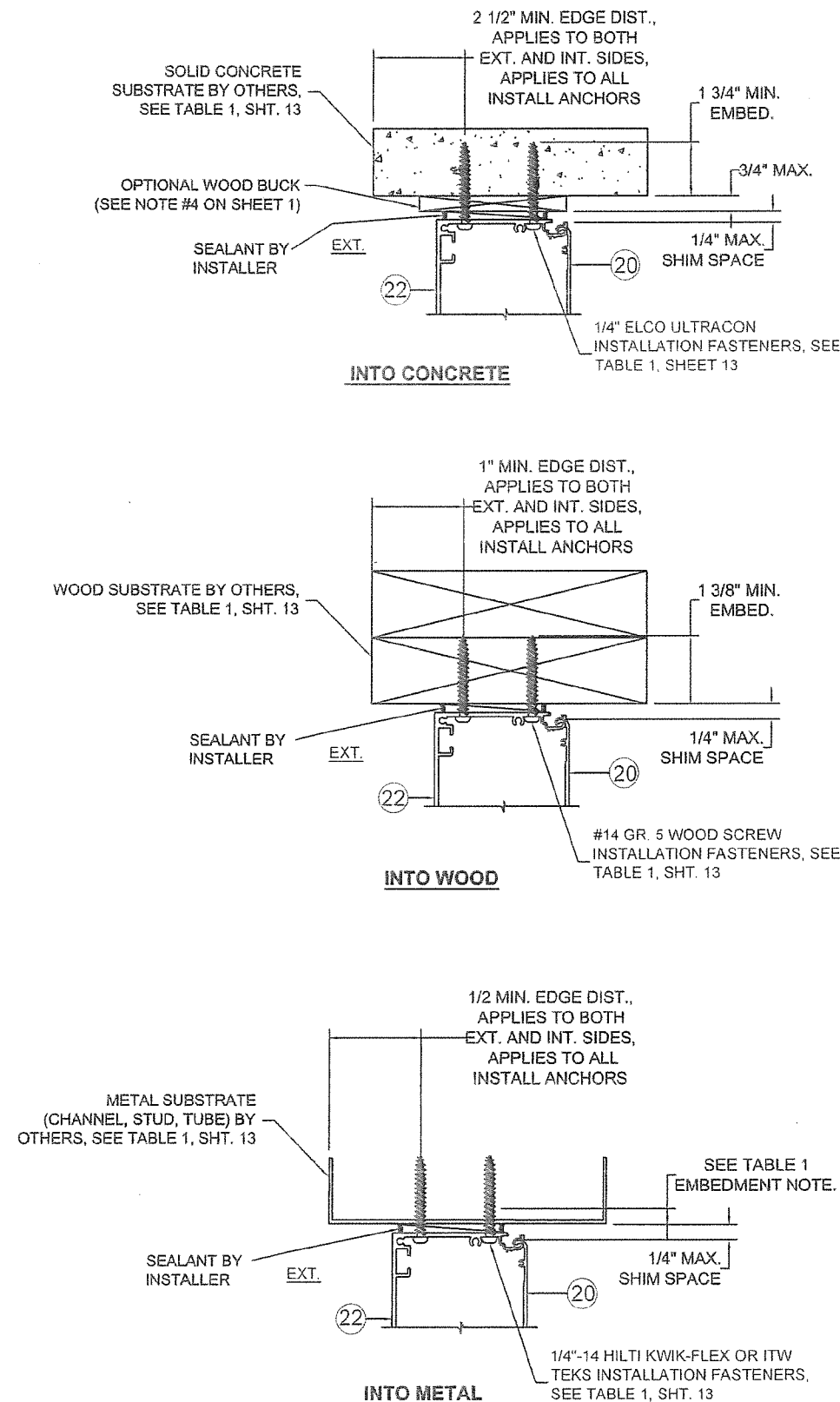
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MONROE, NC 28110
PHONE: 1-866-237-2687

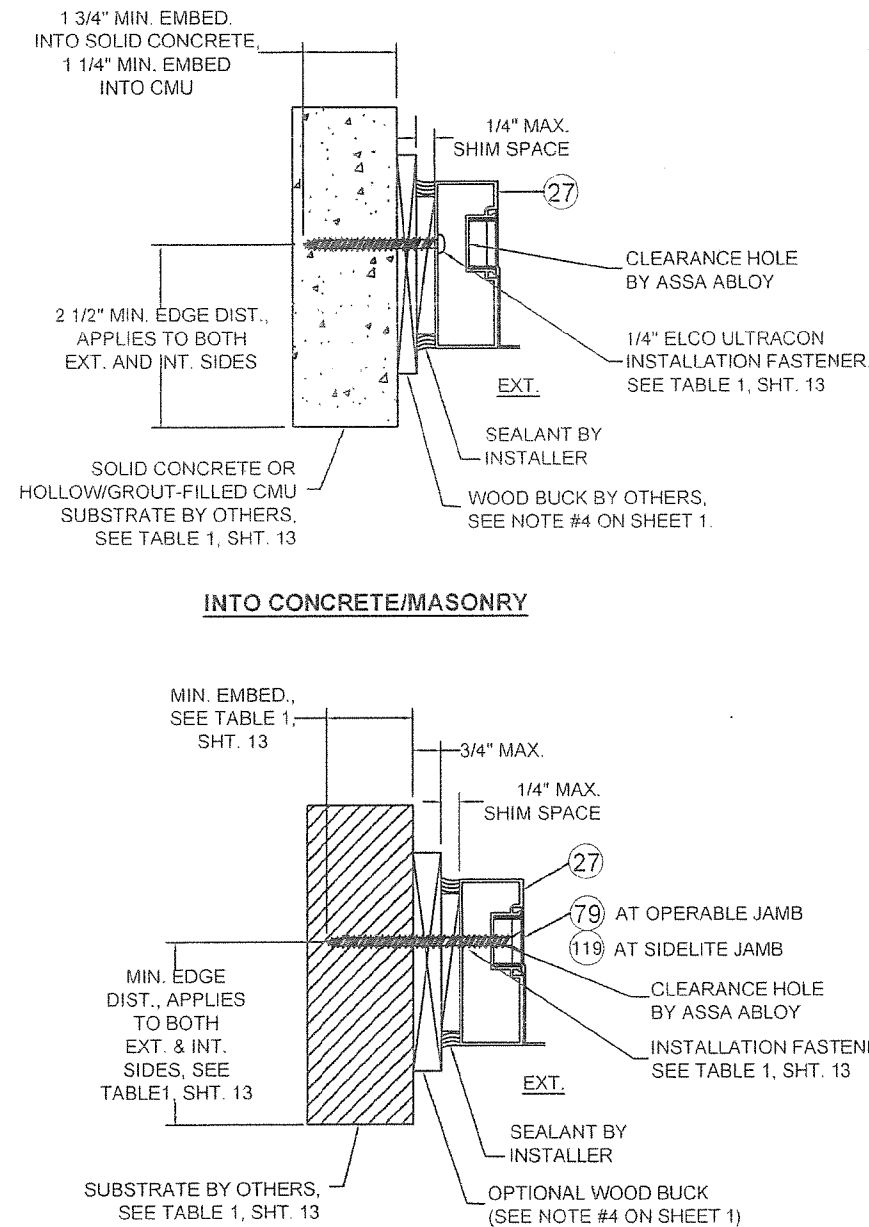
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SL500 RESILIENCE R128 SLIDING DOOR SYSTEM
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TYPICAL HEAD ANCHOR DETAILS

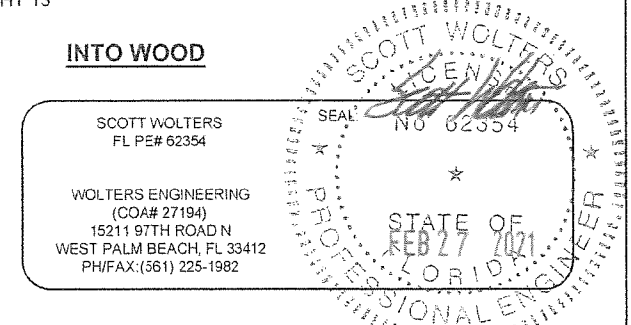
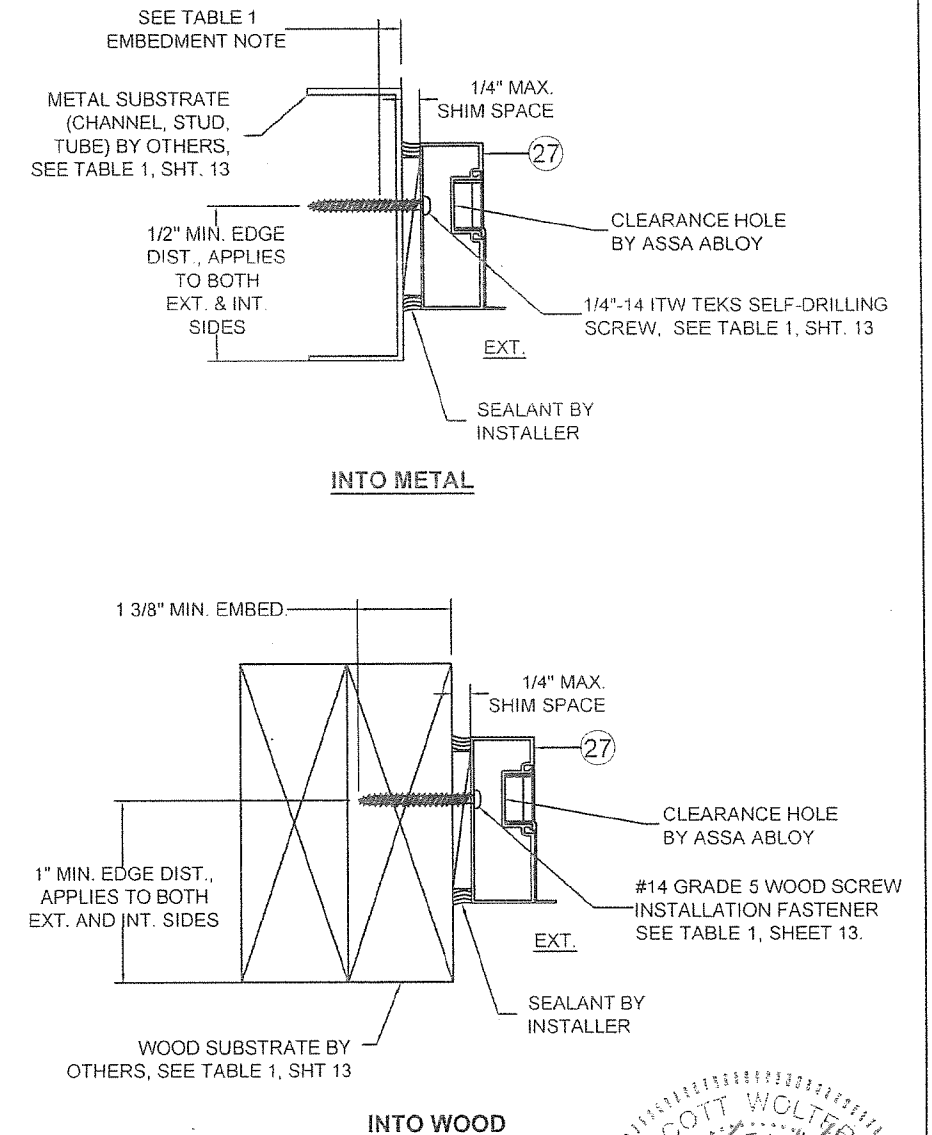


TYPICAL JAMB ANCHOR DETAILS



TYPICAL ALT. JAMB INSTALLATION THRU LOCK PLATE/STRIKE

SEE GENERAL ANCHOR NOTES
AND TABLE 1, SHEET 1



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DRAWN BY	SJF
DATE	12/16/2019
SHEET DESCRIPTION	SHEET NO. 14 OF 17

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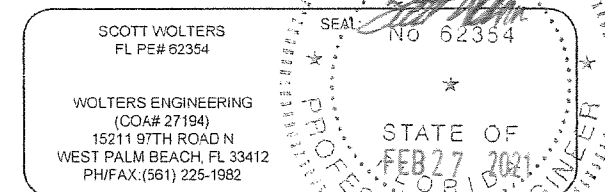
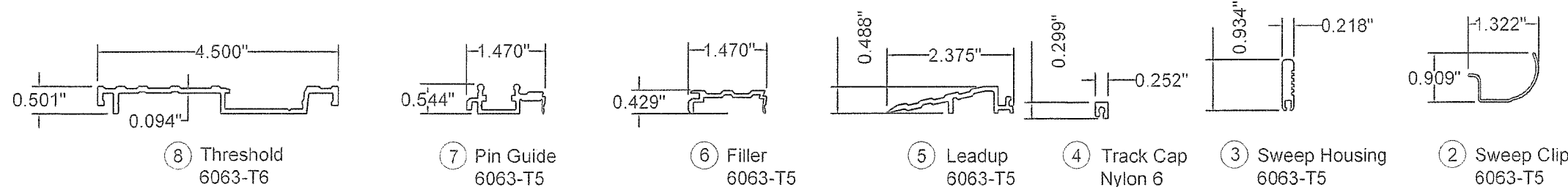
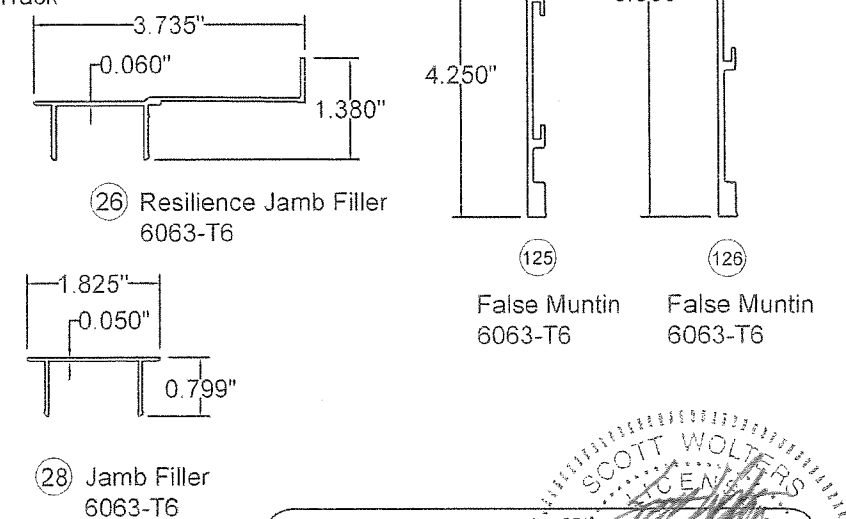
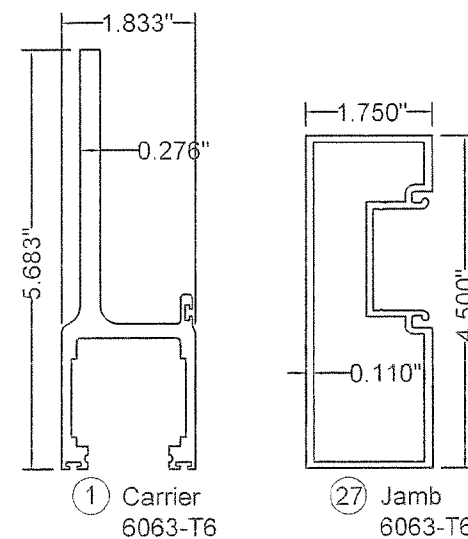
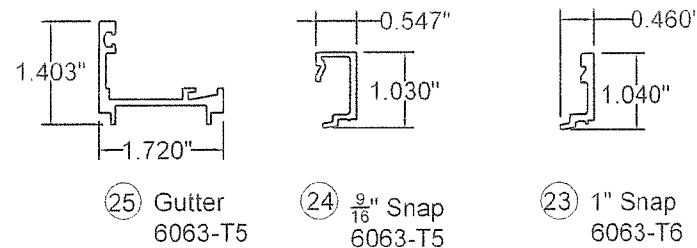
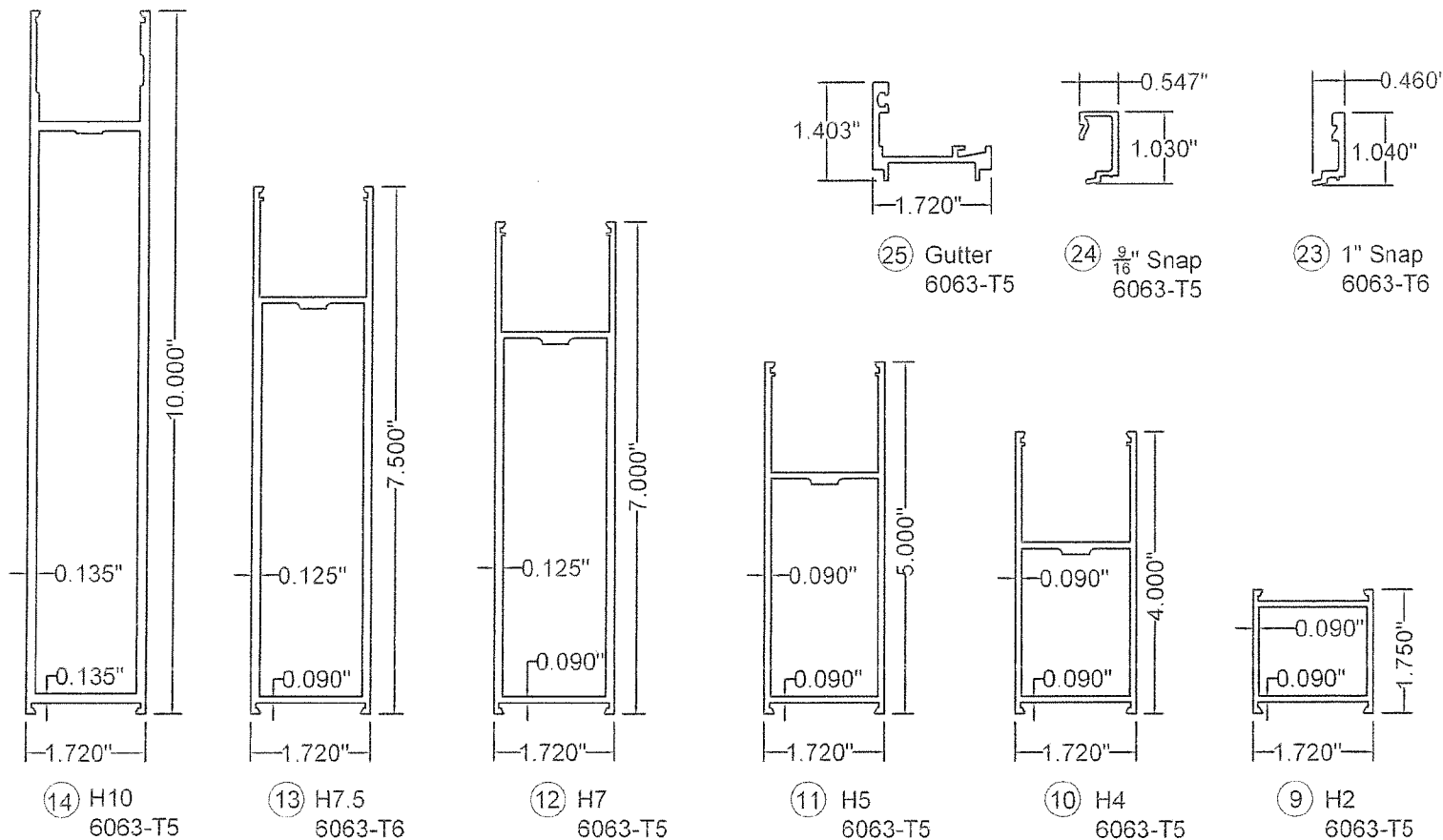
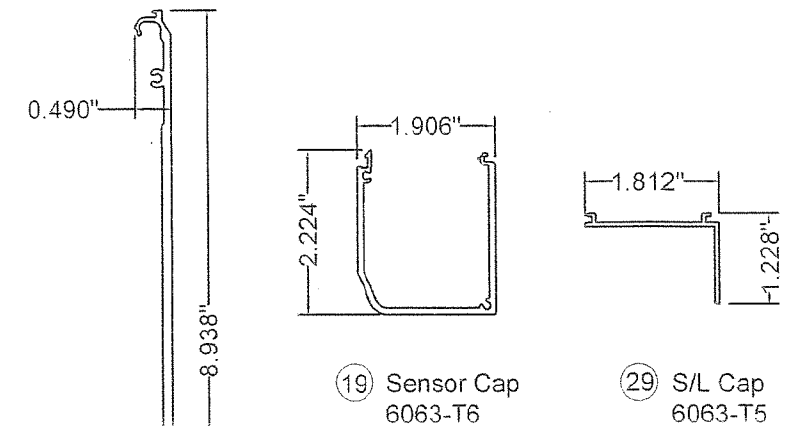
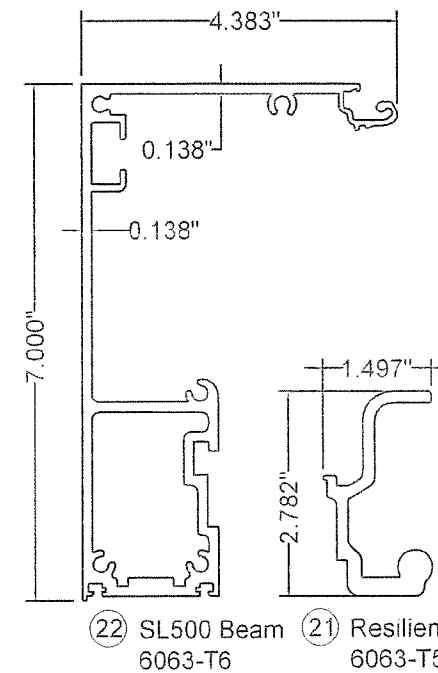
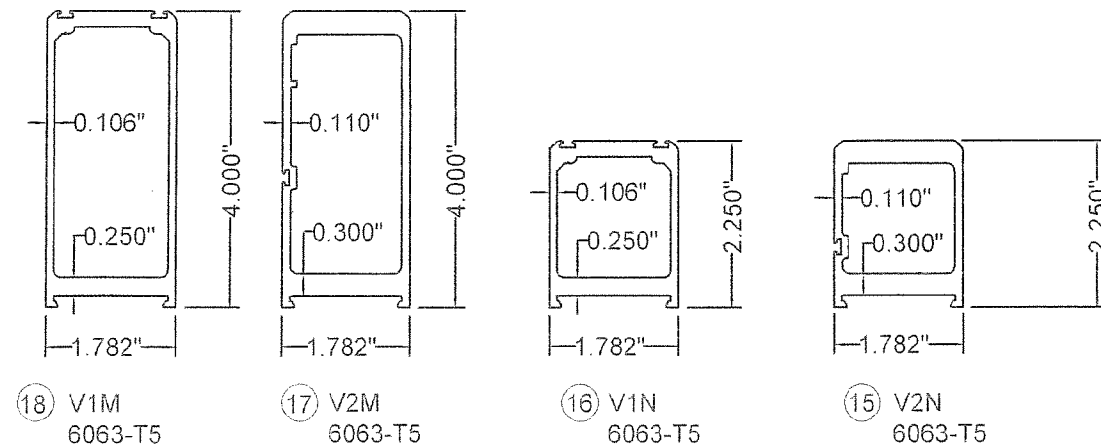
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1900 AIRPORT ROAD
MONROE, NC 28110
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SL500 RESILIENCE R128 SLIDING DOOR SYSTEM
BI-PARTING AND SINGLE SLIDING (NON-IMPACT)

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SHEET DESCRIPTION	SHEET NO. 15 OF 17

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<div>ASSA ABLOY</div> <div>ASSA ABLOY ENTRANCE SYSTEMS 1900 AIRPORT ROAD MONROE, NC 28110 PHONE: 1-866-237-2687</div>			<div>ASSA ABLOY</div> <div>SL500 RESILIENCE R128 SLIDING DOOR SYSTEM BI-PARTING AND SINGLE SLIDING (NON-IMPACT)</div>			Revisions			
						Rev	Description	Date	Approved
						0	Initial Release		SJF
1	Carrier	1015669	41	Deadbolt Lever, AR4550, RH, CL (Optional)	US05-0771-01	81	1/4"x 1-3/4" HWH Elco Ultracon Conc. Anchor	1703636	
2	Sweep Clip	1013780	42	Deadbolt Lever, AR4550, LH, CL (Optional)	US05-0771-03	82	3/16"x 1-3/4" HWH Elco Ultracon Conc. Anchor	1703635	
3	Sweep Housing	US01-0685	43	2 PT Lock	1703500	83	1/4"x 3-1/4" PFH Elco Ultracon Conc. Anchor	1703634	
4	Track Cap	50-20-135	44	3 PT Lock	1703501	84	1/4"-14 x 2" HWH #3 Pt SD ITW TEKS Screw	1703633	
5	Leadup	1013364	45	Thumbturn	50-06-106	85	#14 x 2.5" PH Grade 5 Sheetmetal Screw	1703431	
6	Filler	1013366	46	Cylinder, Key Alike	US06-1404-02	86	#10 x 2" PH Grade 5 Sheetmetal Screw	1703427	
7	Pin Guide	1013866	47	Lock Indicator	50-06-161	87	#14 x 4" RH Grade 5 Sheetmetal Screw	1703494	
8	Threshold	1013363	48	Lock Pin Assembly, Top	1016991	88	#14 x 3in FH Grade 5 Screw	1703426	
9	H2 Muntin Rail (Optional)	1012947	49	Lock Pin Assembly, Bottom	1016992	89	Nut Plate, Interlock	1019247	
10	H4 Bottom Rail	1012942	50	Kit, Lock Pin Guide	1018060	90	Resilience Beam End Cap, Right	1016613	
11	H5 A/L Top Rail	1012944	51	Resilience Pin Guide Assembly	1016658	91	Resilience Beam End Cap, Left	1016614	
12	H7 Bottom Rail	1012945	52	Pin Guide Strike	1016611	92	PSA Arm Kit, HD	1017036	
13	H7.5 S/L Top Rail	1016075	53	SL500 Resil Ball Catch Kit	1017039	93	Resilience Carrier Lock Strike Assembly	1016637	
14	H10 Bottom Rail	1012946	54	Anti-Twist Bracket	1016628	94	Sweep	US20-1627-02	
			55	Top Pivot Assembly	1012549	95	Ball Catch Kit, Carrier Portion, Resilience	US05-1609-01	
			56	Bottom Pivot Assembly	1012548	96	Ball Catch Kit, Active Leaf Door Portion, Resilience	1017038	
17	V2M HD Rail	1018843	57	Square Threaded Rod Nut	1016327	97	Sweep Clip	1013780	
18	V1M HD Rail	1018842	58	Kit, Resilience Interlock Bar	1018093	98	Resilience Shear Block	1016612	
19	Sensor Cap	1016738	59	Kit, Interlock Hook	1018059	99	XG Lock Body Mounting Block	1019595	
20	Beam Cover	1016073	60	Resilience Beam End Cap, Left	1016614	100	#10-32 x 1/2" Ultra Low Profile Socket Head Screw	1704073	
21	Resilience Track	1015670	61	Resilience Beam End Cap, Right	1016613	101	XG Muntin 'L' Bracket, Resilience	1019660	
22	SL500 Beam	1010590	62	M6 x 20 Hex Head Screw	93-09-723187	102	M8x40mm BHCS Black	1703691	
23	1" Snap	1015702	63	Tall Weatherstrip	US20-0905-01	103	M8 x 18 SHCS	1703495	
24	9/16" Snap	1015701	64	Seal	US20-1658-01	104	#10-16 x 5/8" PPH Tek Screw	53-09-003	
25	Gutter	1015700				105	M6x16mm Trilobe BHCS	1703493	
26	Resilience Jamb Filler	1016844	66	5" Anti-Twist Assembly Clip	1013803-3	106	M6 x 30 FH Threadforming Screw	1701704	
27	Jamb	US01-0931	67	4" Anti-Twist Assembly Clip	1013803-2	107	M6x30mm HHCS	93-09-723187	
28	Jamb Filler	US01-0933	68	7" Anti-Twist Assembly Clip	1013897-2				
29	S/L Cap	1008138	69	10" Anti-Twist Assembly Clip	1013897-1	109	M6 Steel Rivnut	US09-1560-01	
			70	Rod, Threaded, 3/8"	50-09-100	110	M8 Steel Rivnut	1703429	
			71	Nut, 3/8-16 Whiz flange zinc	50-09-132				
32	Resilience Crash Bar Kit (Optional)	1017922	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				
37	Wedge Seal (1/4" glass)	1703425	78	Kit, Resilience Jamb Interlock Hook	1018092				
38	Fixed Seal (1/4" glass)	1703424	79	Resilience Jamb Lock Strike	1017900				
39	Glass Setting Block	1016294	80	Lock Plate	US04-0948-01				
40	M6 x 30 FH Threadforming Screw	1701704							
Pos.	Description	Part.no.	Pos.	Description	Part.no.				

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0324.13
Expiration Date 02/18/2026
By 
Miami-Dade Product Control

SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
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15211 97TH ROAD N
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STATE OF
FLORIDA
FEB 27 2021
PROFESSIONAL ENGINEER

DWG NO. SL500-R128-NI
DRAWN BY SJF
DATE 12/16/2019
SHEET DESCRIPTION
SHEET NO. 16 of 17

ASSA ABLOY

ASSA ABLOY		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 (NON-IMPACT)		Revisions			
						Rev	Description	Date	Approved
0		Initial Release				SJF			

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