



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

CGI Windows & Doors, Inc.
3780 W. 103rd Street
Hialeah, FL 33018

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 "160 Sentinel" Aluminum Outswing Glazed Doors w/wo Sidelites - LMI

APPROVAL DOCUMENT: Drawing No. **160 OS FD-LM Rev A** (former **MD-160FD Rev A**), titled "Series Sentinel 160 Alum Outswing Door", sheets 1 thru of 14 of 14, , prepared by manufacture, dated 07/14/20 and last revised on 07/09/23, signed and sealed by Lynn A. Miller, P.E., bearing the Miami-Dade County Product Control Renewal 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 Design Pressure ratings single and double doors in sheet **3**, single sidelite in sheet **4** and door mullion in sheet **5**. For mulled unit lower design of door or sidelite or mullion shall apply to the entire assembly.
2. See glazing option in sheets **1** and **2** and locking hardware options 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", 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 # 20-0722.16** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 & E-5, as well as approval document mentioned above.

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



Ishaq I. Chanda

NOA No. 23-0717.02
Expiration Date: August 08, 2028
Approval Date: August 03, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under files below)
2. Drawing No. **W13-01 Rev D**, titled "Series 160 Sentinel Outswing Doors", sheets 1 thru 11 of 11, inclusive sheet 9.1, prepared by Al-Farooq Corporation, dated 01-03-13 and last revised on AUG 05, 2015, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under file #13-0226.06)

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94(+50.0 PSF, sill S-I only)
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with manufacturer's parts and section drawing marked-up drawings of aluminum out w/ sidelites, by American test Lab of South Florida, Inc., Test Report No. **ATLSF-1218.01-12** dated 02/11/2013, signed and sealed by Henry Hatem, P.E.

2. Test reports on:
 - 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with manufacturer's parts and section drawing marked-up drawings of aluminum sidelites, issued by Certified Testing Lab., Test Report No. **CTLA 3056WC** (sample #3) dated 04/16/2015, signed and sealed by Ramesh Patel, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2014 (**5th Edition**), prepared by Al Farooq Corporation, dated 10/06/2014, 05/19/15 and last revised on AUG 04, 2015, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 and -2009.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass ® Interlayer**", expiring on 01/14/17.
2. Notice of Acceptance No. **12-1231.10** issued to Eastman Chemical Company (MA) former Solutia Inc. for "Saflex clear & color glass interlayer", expiring on 05/21/16.
3. Notice of Acceptance No. **12-1231.08** issued to Eastman Chemical Company (MA) former Solutia Inc. for "Saflex CP-Saflex & Saflex HP composite interlayer w/ PET core", expiring on 12/11/18.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No 23-0717.02
Expiration Date: August 08, 2028
Approval Date: August 03, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance to FBC 2014 (5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 09/23/14, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance and addendum letters, as part of the above referenced test reports.

G. OTHER

1. This file NOA revises # **13-0226.06**, expiring 08/08/18.
2. Test proposals approved dated 12/16/14 & # **12-0553**, dated 04/25/12 approved by RER.

2. EVIDENCE SUBMITTED UNDER PREVIOUS NOA(s)

A. DRAWINGS

1. Drawing No. **W13-01 Rev F**, titled "Series Sentinel 160 Alum Outswing Door (L.M.I./S.M.I.)", sheets 1 thru of 13 of 13, inclusive sheet 1.1, prepared by Al-Farooq Corporation, dated 01/03/13 and last revised on 02/13/18, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with manufacturer's parts and section drawing marked-up drawings of aluminum out w/ sidelites, by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 17102** dated 05/19/17, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, prepared by Al Farooq Corporation, dated 11/13/17, signed and sealed by Javad Ahmad, P.E.
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. Notice of Acceptance No. **17-0808.02** issued to Kuraray America., Inc. for their "**Sentry Glas® (Clear and White) Interlayer**", expiring on 07/04/23.
2. Notice of Acceptance No. **17-0712.05** issued to Eastman Chemical Company (MA) for their "**Saflex Clear & Color glass Interlayers**", expiring on 05/21/21.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No 23-0717.02
Expiration Date: August 08, 2028
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CGI Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (continue)

3. Notice of Acceptance No. **17-0712.03** issued to Eastman Chemical Company (MA) for their “Saflex CP-Saflex & Saflex HP Composite Glass Interlayers w/ PET Core “, expiring on 12/11/18.
4. Notice of Acceptance No. **17-1114.14** issued to Kuraray America., Inc. for their “Trosifol® Ultraclear, Clear, and Color PVB Glass Interlayers”, expiring on 07/08/19.

F. STATEMENTS

1. Statement letter of conformance to **FBC 6th Edition (2017)** and of no financial interest prepared by Al Farooq Corporation, dated 11/13/17, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA revises NOA #14-1015.04, expiring on 08/08/18.
2. Test proposal **#16-0947**, dated 07/26/16, approved by RER.

3. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **MD-160FD Rev A** (former **W13-01 Rev F**), titled “Series Sentinel 160 Alum Outswing Door”, sheets 1 thru of 14 of 14, , prepared by manufacture, dated 07/14/20, signed and sealed by Lynn A. Miller, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202–94
 - 3) Water Resistance Test, per FBC, TAS 202–94
 - 4) Large Missile Impact Test per FBC, TAS 201–94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203–94

along with marked-up drawings and installation diagram of all CGI Windows and Doors, Inc. and PGT Industries, Inc., representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, per Proposal **#19-1155TP**, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.:

CGI Windows and Doors Inc. test specimens:

FTL-20-2108.1, CGI SH360 Aluminum Single Hung Window (unit 1 in proposal) **FTL-20-2108.2**, CGI CA238 Alum. Outswing Casement Window (unit 2 in proposal) **FTL-20-2108.3**, CGI SGD560 Aluminum Sliding Glass Door (unit 3 in proposal) **FTL-20-2108.4**, CGI PW410 Aluminum Fixed Window (unit 4 in proposal) and **FTL-20-2108.5**, CGI SH360 Aluminum Single Hung Window (unit 5 in proposal)all dated 08/24/20 and signed and sealed by Idalmis Ortega, P.E.

_____ *Ishaq I. Chanda*

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No 23-0717.02
Expiration Date: August 08, 2028
Approval Date: August 03, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (continue):

PGT Industries, Inc. test specimens:

FTL-7897, PGT PW5520 PVC Fixed Window (unit 6 in proposal), dated 09/03/14,
FTL-20-2107.1, PGT SGD780 Aluminum Sliding Glass Door (unit 7 in proposal) **FTL-20-2107.2**,
PGT CA740 Alum. Outswing Casement Window (unit 8 in proposal) **FTL-20-2107.3**, PGT
PW7620A Aluminum Fixed Window (unit 9 in proposal) and **FTL-20-2107.4**, PGT PW7620A
Aluminum Fixed Window (unit 10 in proposal) all dated 07/13/20 and signed and sealed by Idalmis
Ortega, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 2020, 7th Edition**, prepared by manufacturer, dated 07/14/20, signed and sealed by A. Lynn Miller, P. E.
2. Glazing complies with ASTM E1300-04, -09, -12 and -16.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the “**Sentry Glass ® Interlayer**”, expiring on 07/4/23.
2. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** (Former E.I. DuPont DE Nemours & Co., Inc. for the “Kuraray Trofossil Ultra clear and color PVB Interlayer (Former Kuraray **Butacite ® PVB interlayer**)”, expiring on 07/08/24.
3. Notice of Acceptance No. **18-0301.06** issued to Eastman Chemical Company (MA) (Former Solutia, Inc.) for the “**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers w/ PET Core**”, expiring on 12/11/23.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition), issued by manufacturer, dated 07/14/20, signed and sealed by Lynn Miller, P. E.
2. Notification of Successor Engineer per the Florida Administrative Code Section 61G15-27.001, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated 07/20/20, signed and sealed by A. Lynn Miller, P.E.

G. OTHER

1. This NOA **revises 17-1226.05** expiring 08/08/23 for FBC 2020 updates.
2. RER Test proposals **#19-1155** dated 01/10/20 approved by Ishaq I. Chanda, P.E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No 23-0717.02
Expiration Date: August 08, 2028
Approval Date: August 03, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New Evidence submitted

A. DRAWINGS

1. Drawing No. **160 OS FD-LM Rev A** (former **MD-160FD Rev A**, titled “Series Sentinel 160 Alum Outswing Door”, sheets 1 thru of 14 of 14, , prepared by manufacture, dated 07/14/20 and last revised on 07/09/23, signed and sealed by Lynn A. Miller, P.E.

B. TESTS (submitted under previous approval)

1. None.

C. CALCULATIONS (submitted under previous approval)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **22-1116.01** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the “**Sentry Glass ® Interlayer**”, expiring on 07/04/28.
2. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** (Former E.I. DuPont DE Nemours & Co., Inc. for the “Kuraray Trofossil Ultra clear and color PVB Interlayer (Former Kuraray **Butacite ® PVB interlayer**)”, expiring on 07/08/24.
3. Notice of Acceptance No. **22-1130.06** issued to Eastman Chemical Company (MA) (Former Solutia, Inc.) for the “**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers w/ PET Core**”, expiring on 12/11/28.

G. STATEMENTS

1. Statement letter of conformance to FBC 2023 (**8th** Edition) and FBC 2020 (7th edition), issued by manufacturer, dated 07/10/23, signed and sealed by Lynn Miller, P. E
2. Statement letter of conformance to FBC 2020 (**7th** Edition), issued by manufacturer, dated 07/14/20, signed and sealed by Lynn Miller, P. E. (submitted under previous approval).

G. OTHER

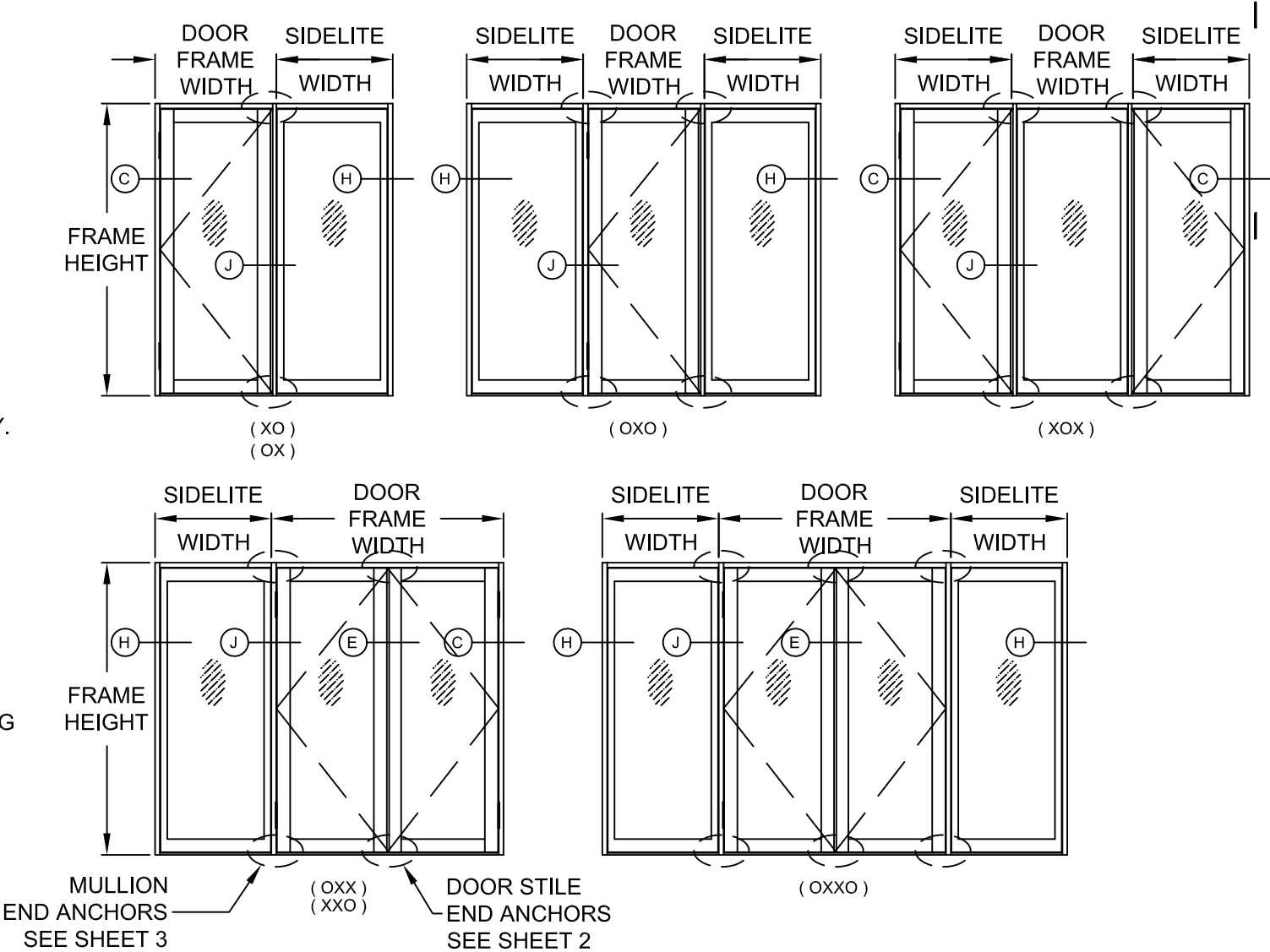
1. This NOA **revises & renews 20-0722.16** expiring 08/08/28 consists of FBC 2023 updates.

_____ *Ishaq I. Chanda* _____

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No 23-0717.02
Expiration Date: August 08, 2028
Approval Date: August 03, 2023

SERIES SENTINEL 160 ALUMINUM OUTSWING DOOR
WITH SIDELITES

- 1) APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) PANEL DOORS WITH OR WITHOUT SIDELITES. SIDELITES CAN BE ON ONE OR BOTH SIDES OF DOOR.
- 2) DOORS WITH STANDARD THRESHOLD APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED. DOORS WITH SADDLE (ADA) THRESHOLD NOT APPROVED FOR WATER INFILTRATION RESISTANCE.
- 3) THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 4) 1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.
- 5) ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 6) A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
- 7) ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
- 8) MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.
- 9) THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.



IMPACT RATING
RATED FOR LARGE & SMALL
MISSILE IMPACT RESISTANCE

INSTRUCTIONS: USE TABLES AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** FOR SINGLE (X) & DOUBLE (XX) DOORS SEE TABLE 1 FOR DESEIGN PRESSURE.
- STEP 3** FOR SIDELITES & STANDALONE WINDOWS (O), SEE TABLE 2 FOR DESEIGN PRESSURE.
- STEP 4** FOR SIDELITE MULLED TO DOORS, SEE TABLE 3 FOR DESIGN PRESSURE.
- STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

CODES / STANDARDS USED:

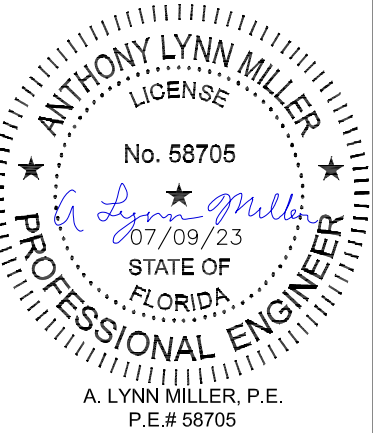
- 2023 FLORIDA BUILDING CODE (FBC), 8TH EDITION
- 2020 FLORIDA BUILDING CODE (FBC), 7TH EDITION
- ASTM E1300-09
- ANSI/AF&PA NDS-2018 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2020
- AISI S100-16
- AISC 360-16

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PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-0717.02
Expiration Date 08/08/2028
By *Ishag I. Chande*
Miami-Dade Product Control

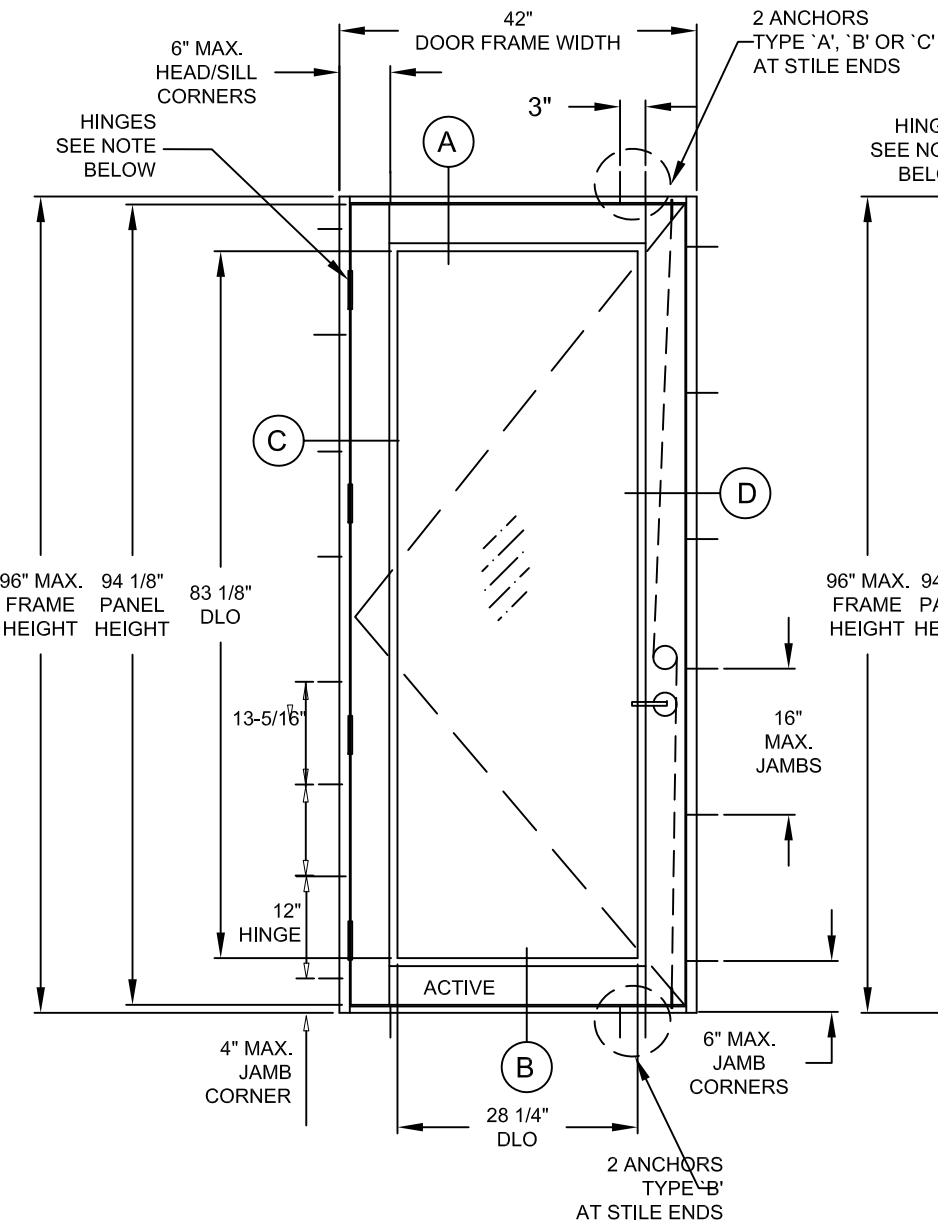
UPDATED TO 2023
BUILDING CODE.
FORMAT DP TABLES AND
ANCHOR TYPES
AM - 7/6/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	SENTINEL 160 OUTSWING DOOR (LM)	A. MORLESIN	6/17/20	160 OS FD-LM	A
Impact Resistant Windows & Doors	FD160 OS	NOTES & CONFIGURATION	1 OF 14	1 OF 14	1 OF 14	1 OF 14



DOOR OPTIONS

TYPICAL ELEVATION
(X)



TYPICAL ELEVATION
(XX)

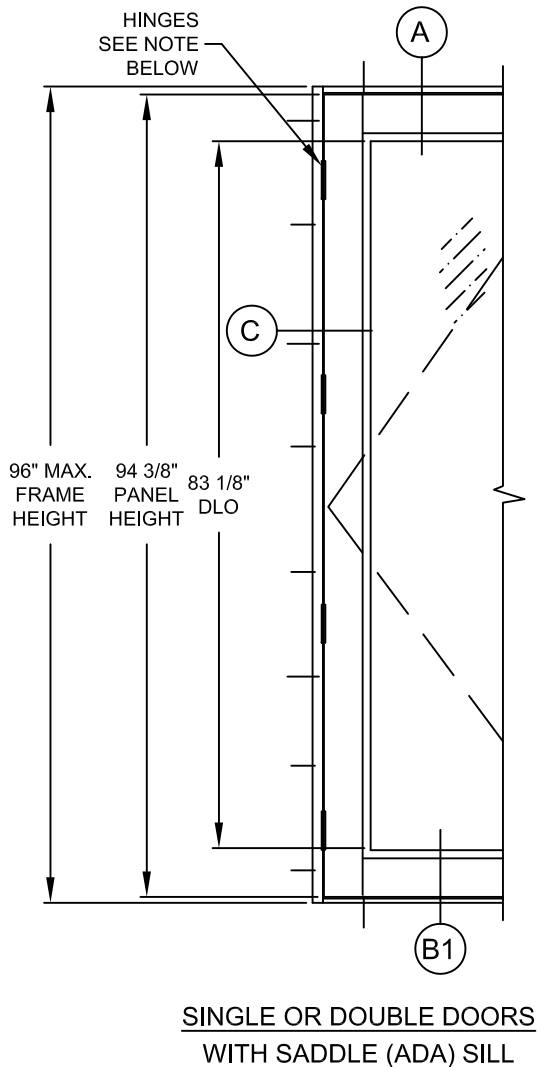
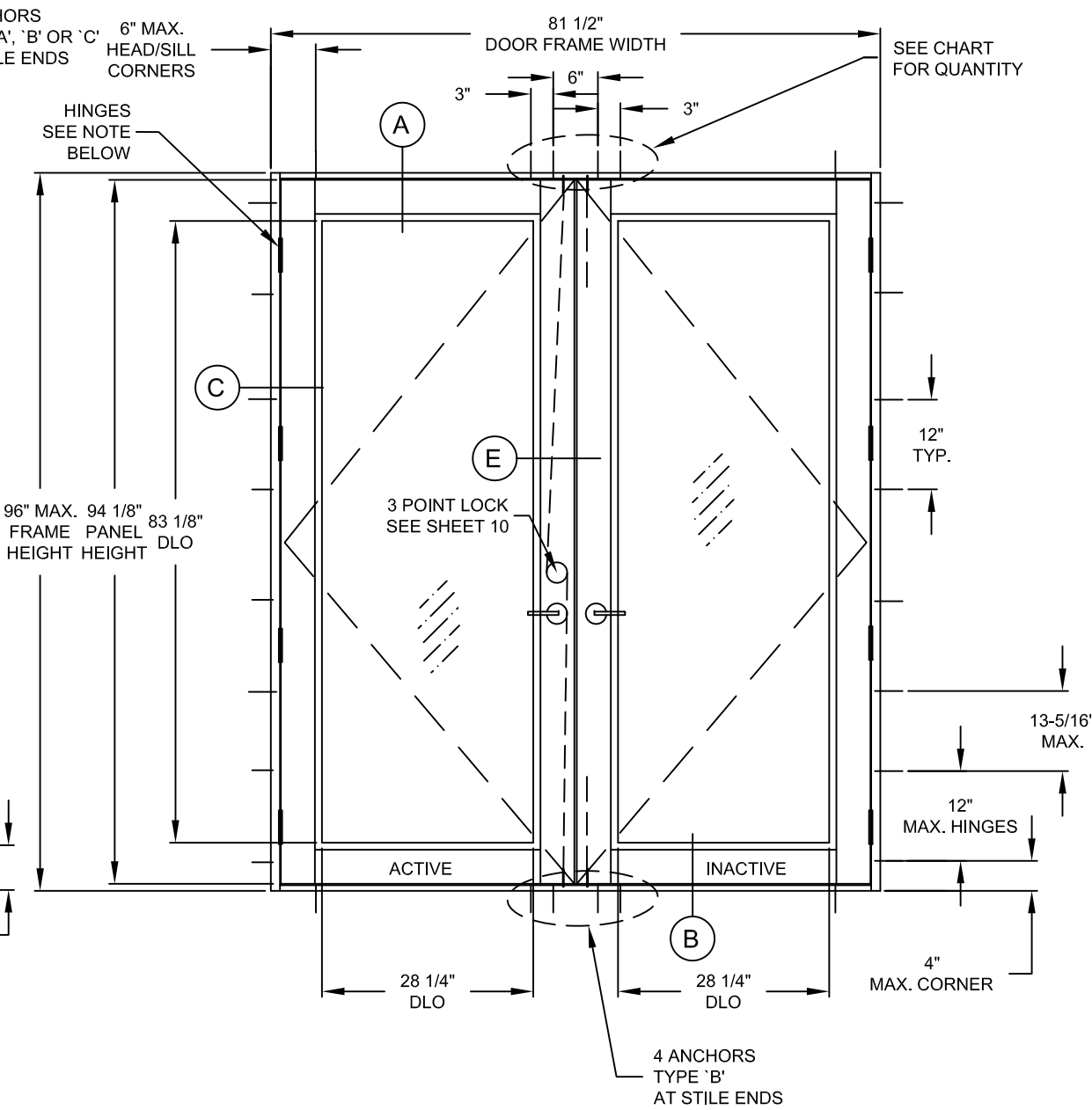



TABLE A:

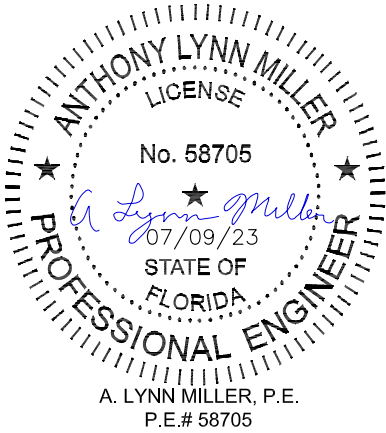
HEAD ANCHORS AT STILE ENDS QUANTITY CHART			
SHIM THICKNESS	ANCHOR TYPE		
	A	B	C
1/4"	4	4	4
3/8"	6	6	6
1/2"	7	7	-

HINGES:
4" X 4-1/2" BUTT HINGES
TOP AND BOTTOM HINGES AT 6-7/8" FROM EACH END
INTERMEDIATE HINGES EQUALLY SPACED
(3) HINGES PER PANEL UP TO 35" PANEL WIDTHS (STD. THRESHOLD ONLY)
(4) HINGES PER PANEL ABOVE 35" PANEL WIDTHS (STD. THRESHOLD)
(4) HINGES PER PANEL ALL WIDTHS (SADDLE THRESHOLD)

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-0717.02
Expiration Date 08/08/2028
By *Ishag I. Zhand*
Miami-Dade Product Control

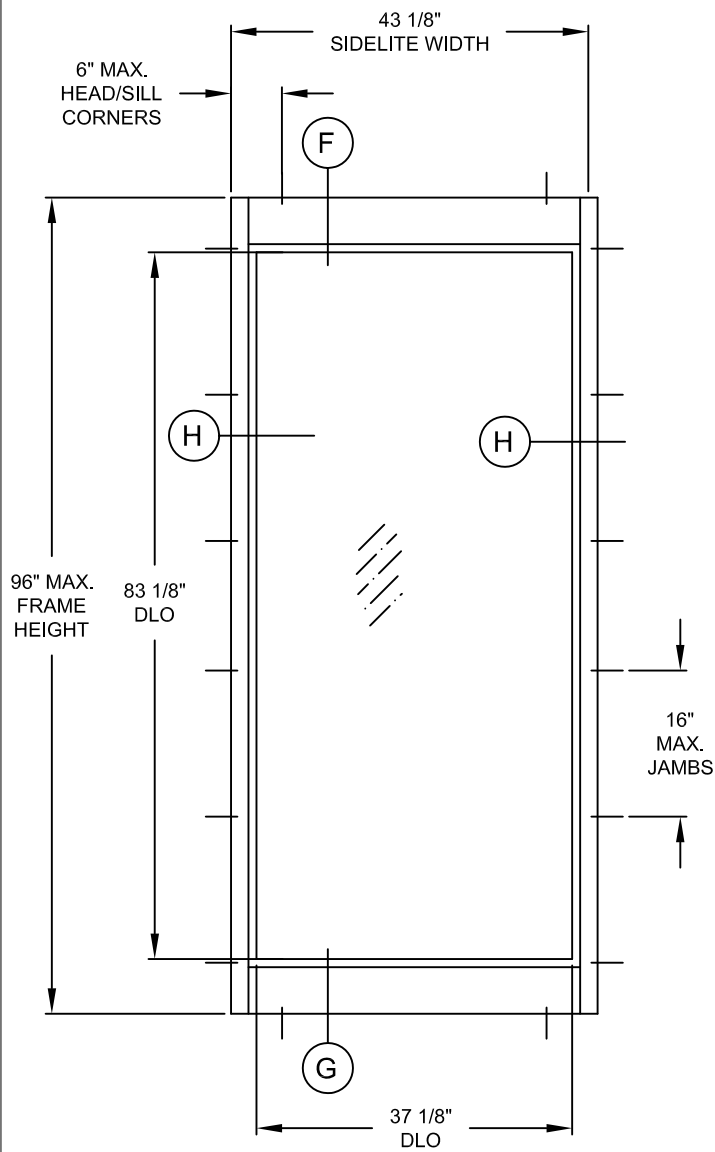
UPDATED TO 2023
BUILDING CODE.
FORMAT DP TABLES AND
ANCHOR TYPES
AM - 7/6/23

	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275		REGISTRATION #29296		6/17/20		Rev. A	
					Date			
					By			
					A. MORLESIN			
3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		SENTINEL 160 OUTSWING DOOR (LM)						
		DOOR ELEVATION		D ^{Drawn}		160 OS FD-LM		Rev. A
				No.		2 OF 14		
				Sheet		FD160 OS		
				Desc.		Title		

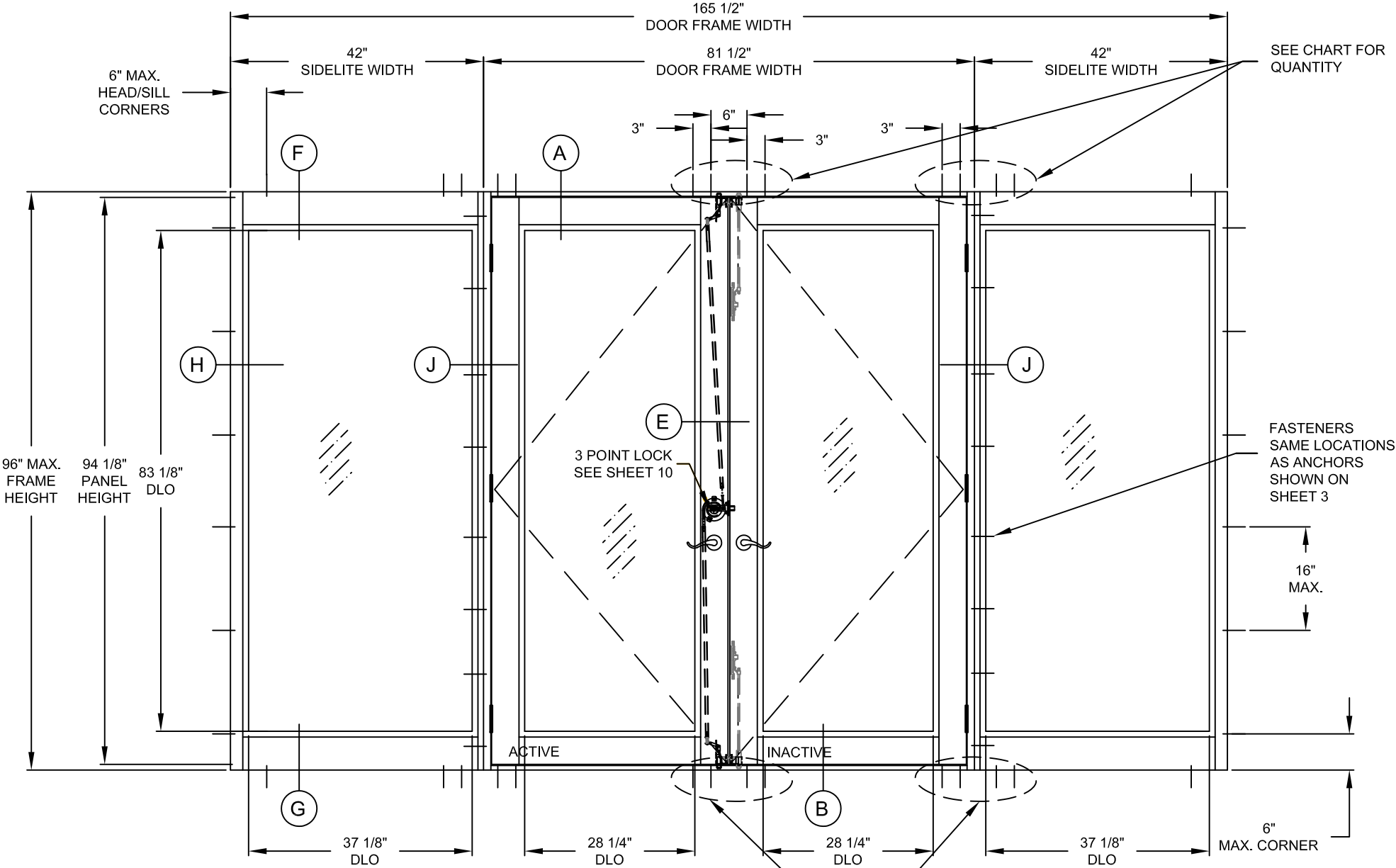


SIDELITE OPTIONS

TYPICAL ELEVATION
(O)



TYPICAL ELEVATION
(OXXO)



SIDELITE TO DOOR

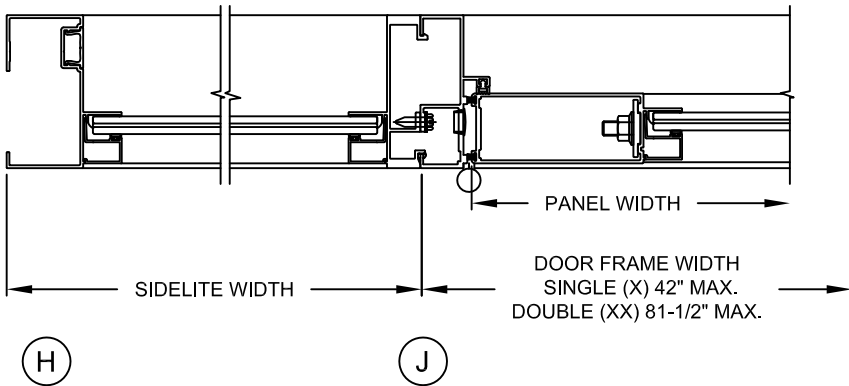



TABLE A:

HEAD ANCHORS AT STILE ENDS QUANTITY CHART			
SHIM THICKNESS	ANCHOR TYPE		
	A	B	C
1/4"	4	4	4
3/8"	6	6	6
1/2"	7	7	-

NOTE:
FOR DOOR CAPACITIES SEE SHEET 4.
FOR SIDELITE CAPACITIES SEE SHEET 4.
FOR SIDELITE MULLION CAPACITY SEE SHEET 4.
LOWER VALUES FROM DOORS, SIDELITE, DOOR/SIDELITE
OR MULLION CHART WILL APPLY TO ENTIRE SYSTEM.

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-0717.02
Expiration Date 08/08/2028
By *Ishag I. Zhand*
Miami-Dade Product Control

UPDATED TO 2023
BUILDING CODE.
FORMAT DP TABLES AND
ANCHOR TYPES
AM - 7/6/23

 Impact Resistant Windows & Doors	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		REGISTRATION #29296		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275		
	SENTINEL 160 OUTSWING DOOR (LM)		A. MORLESIN		Rev.		
					Date		
					By		
					Drawn		
					Title		
FD160 OS		3 OF 14		160 OS FD-LM		A	

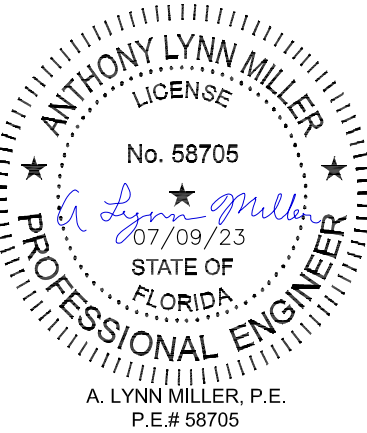


TABLE 1:

DESIGN PRESSURE (DP) DUE TO THRESHOLD, LOCK SET OR SPACER TYPE										
(X) OR (XX) DOOR USING ANY GLASS TYPE			FRAME HEIGHT UP TO 96"							
			THRESHOLD		LOCK SETS			INSUL. GLASS SPACERS		
	(X)	(XX)	STD.	ADA	SCH	CC	BLDW	CLX	KOD	QUAN
WIDTH	37-1/4"	72"	+/-80	+/-70	+/-80	+/-80	+/-80	+/-80	+/-80	+/-80
	42"	81-1/2"	+/-80	+/-70	+/-80	+/-80	+/-70	+/-70	+/-80	-

LOCK SETS:
SCH = SCHLAGE
CC = COPPER CREEK
BLDW = BALDWIN

GLASS SPACERS:
CXL = CARDINAL XL
KOD = KODISPACE
QUAN = QUANEX DURASEAL OR SUPERSPACER

TABLE 2:

DESIGN PRESSURE (DP) DUE TO GLASS								
SIDELITES & STANDALONE WINDOWS		WINDOW/SIDELITE FRAME HEIGHT						
		84"	90"			96"		
		GLASS TYPES	GLASS TYPES			GLASS TYPES		
		A, B, C1, C2 & C3	A, B & C1	C2	C3	A, B & C1	C2	C3
PANEL WIDTH	30"	+/-80	+/-80	+/-80	+/-80	+/-80	+/-80	+/-80
	33"	+/-80	+/-80	+/-80	+/-80	+/-80	+/-80	+/-80
	36"	+/-80	+/-80	+/-80	+/-80	+/-80	+/-80	+/-80
	37-1/8"	+/-80	+/-80	+/-80	+/-80	+/-80	+/-80	+/-80
	39"	+/-80	+/-80	+/-80	+/-80	-	+/-70	+/-80
	42"	+/-80	-	+/-70	+/-80	-	+/-70	+/-80

TABLE 3:

DESIGN PRESSURE (DP) DUE TO MULLION				
SIDELITE WIDTH	DOOR PANEL WIDTH	FRAME HEIGHT		
		84"	90"	96"
24"	UP TO 39-3/4"	+/-80	+/-80	+/-80
30"	UP TO 39-3/4"	+/-80	+/-80	+/-80
33"	UP TO 39-3/4"	+/-80	+/-80	+/-80
36"	UP TO 39-3/4"	+/-80	+/-80	+/-78.3
37-1/8"	UP TO 39-3/4"	+/-80	+/-80	+/-77.2
39"	UP TO 39-3/4"	+/-80	+/-80	+/-75.4
42"	UP TO 39-3/4"	+/-80	+/-80	+/-72.6

SIDELITE DLO DIMENSIONS:
DLO HEIGHT = FRAME HEIGHT - 12.875"
DLO WIDTH = SIDELITE WIDTH - 6" STAND ALONE SIDELITE ONLY
DLO WIDTH = SIDELITE WIDTH - 4.875" SIDELITE TO DOOR ONLY

DOOR DLO DIMENSIONS:
DLO HEIGHT = FRAME HEIGHT - 12.875"
DLO WIDTH (X DOORS) = FRAME WIDTH - 13.75"
DLO WIDTH (XX DOORS) = (FRAME WIDTH - 25)/2

- NOTES:
- 1) THE FRAME AREA OF ALTERNATE SIZE MUST NOT EXCEED TESTED FRAME AREA - 100.3 SQ. FT.
 - 2) VERIFY COMPLIANCE WITH EGRESS LIMITATIONS WHERE REQUIRED.
 - 3) GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS).
 - 4) FLUSH BOLTS AND LOCKS MUST BE ENGAGED TO HEAD AND SILL DURING PERIODS OF HURRICANE WARNING.

GLASS SPACER LIMITATIONS FOR SIDELITES WIDER THAN 37-1/8" OR 90" TALL AND OVER:
FOR GLASS TYPES 'C2' & 'C3': QUANEX DURASEAL & SUPERSPACER NOT ALLOWED
FOR GLASS TYPE 'C3': CARDINAL XL (LIMIT MAX. LOADS TO ±70.0 PSF)

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-0717.02
Expiration Date 08/08/2028
By *Ishaq I. Chande*
Miami-Dade Product Control

UPDATED TO 2023
BUILDING CODE.
FORMAT DP TABLES AND
ANCHOR TYPES
AM - 7/6/23

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275

(941) 480-1600
REGISTRATION #29296

Impact Resistant
Windows & Doors

3780 W 104TH STREET
HIALEAH, FL 33018
(305) 593-6590

6/17/20

SENTINEL 160 OUTSWING DOOR (LM)

DP TABLES

FD160 OS

4 OF 14

160 OS FD-LM

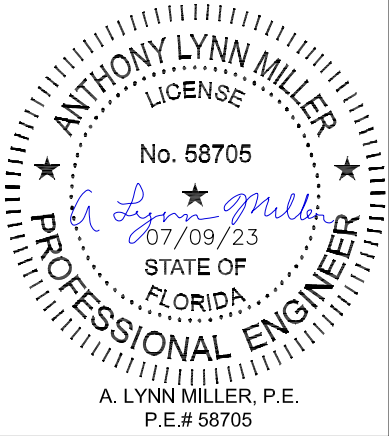
A

By

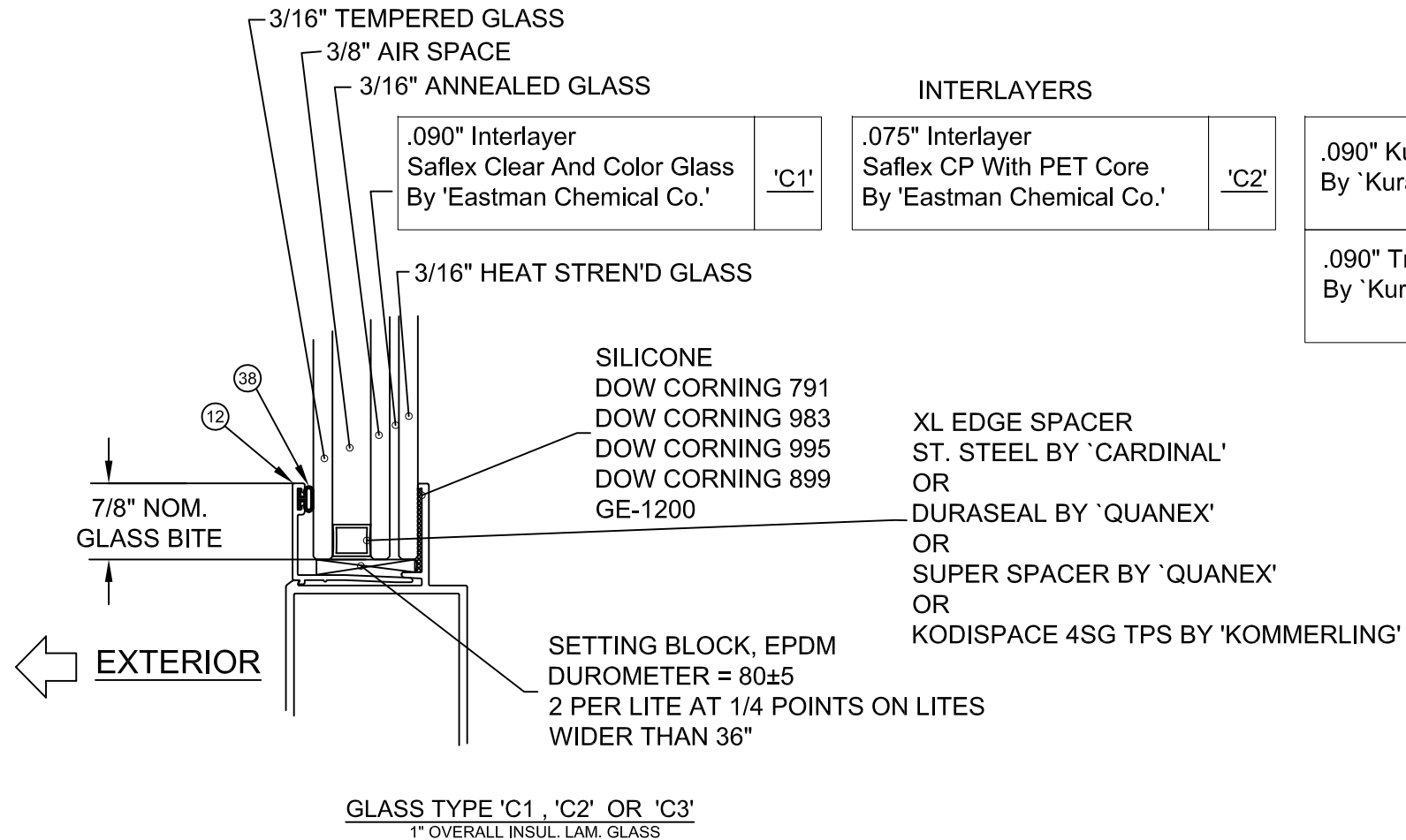
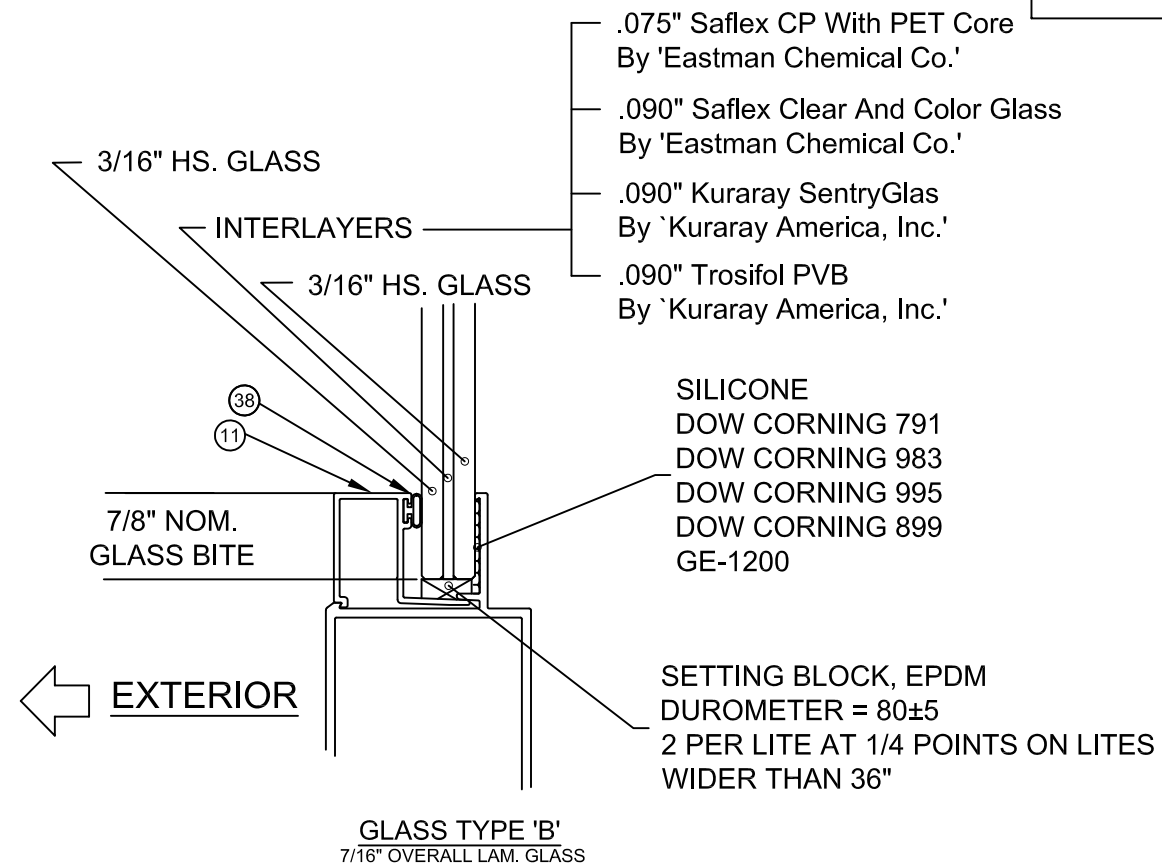
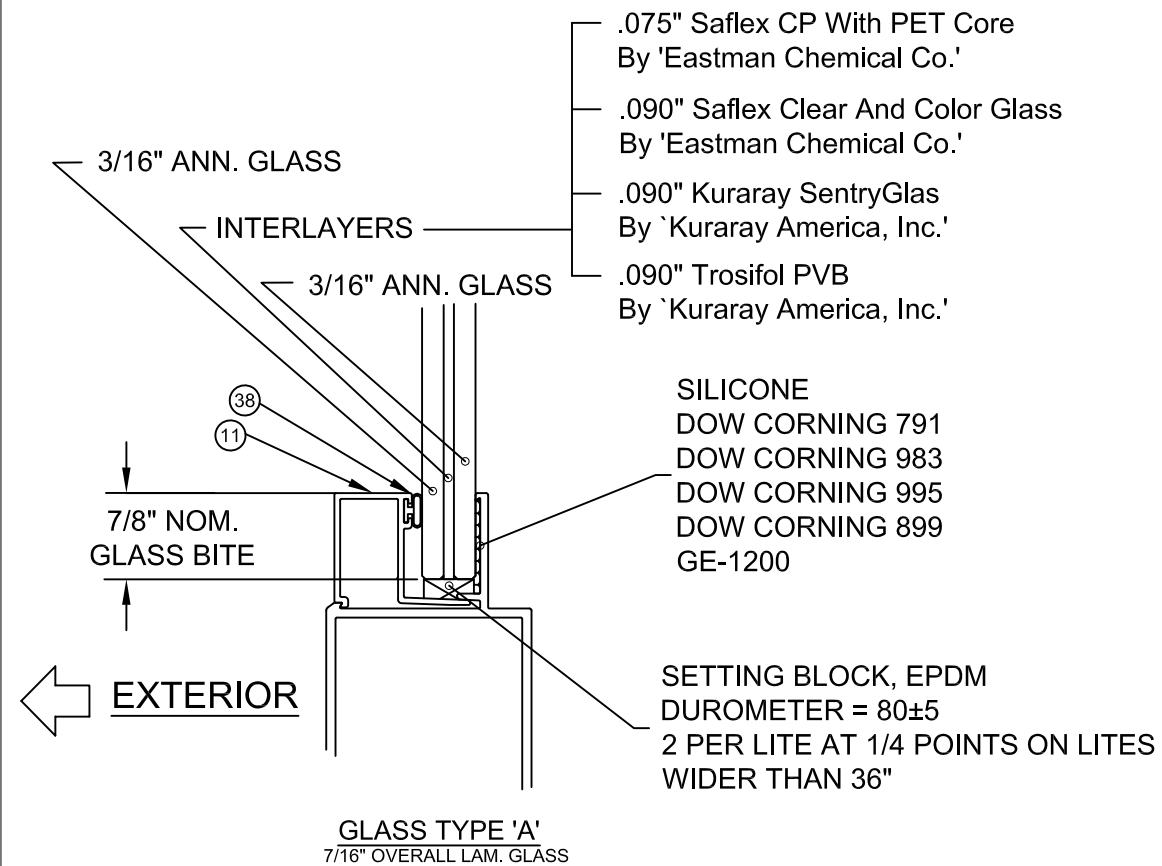
A. MORLESIN

Rev.

A




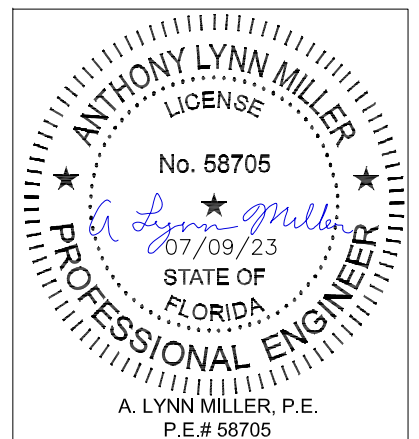
GLAZING OPTIONS



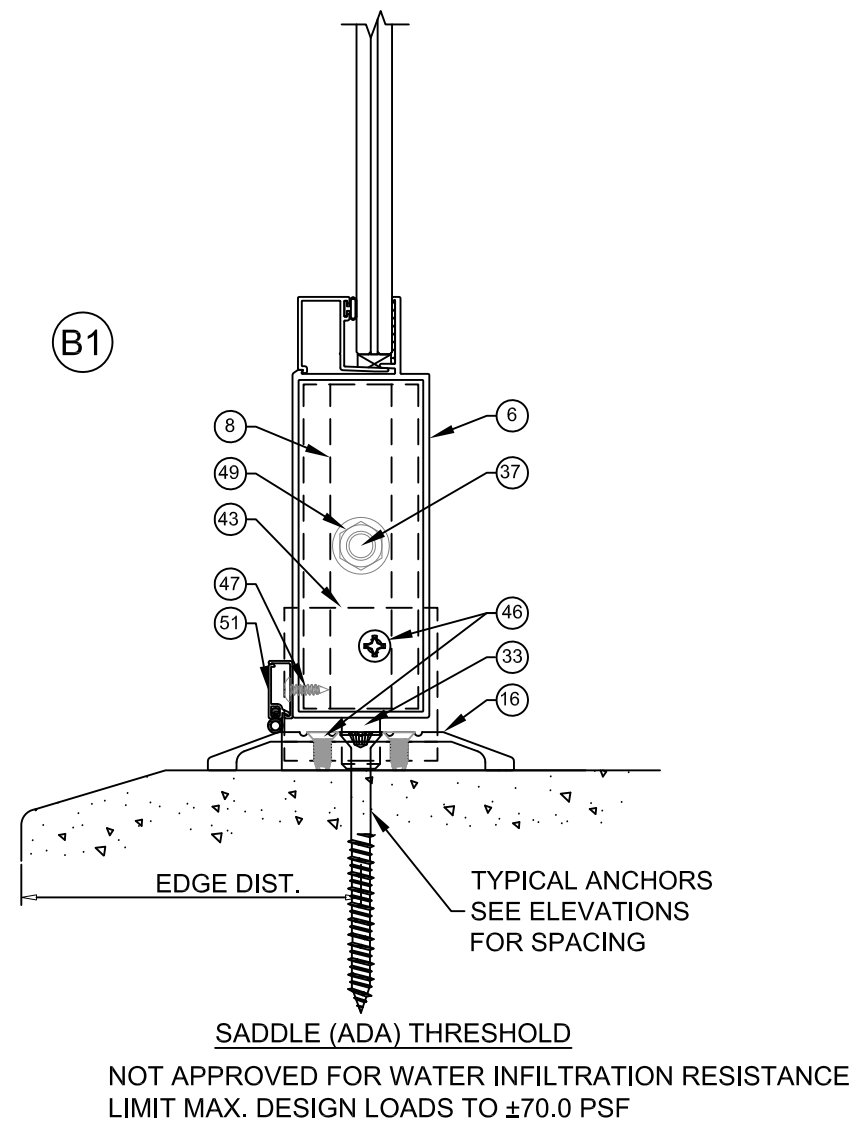
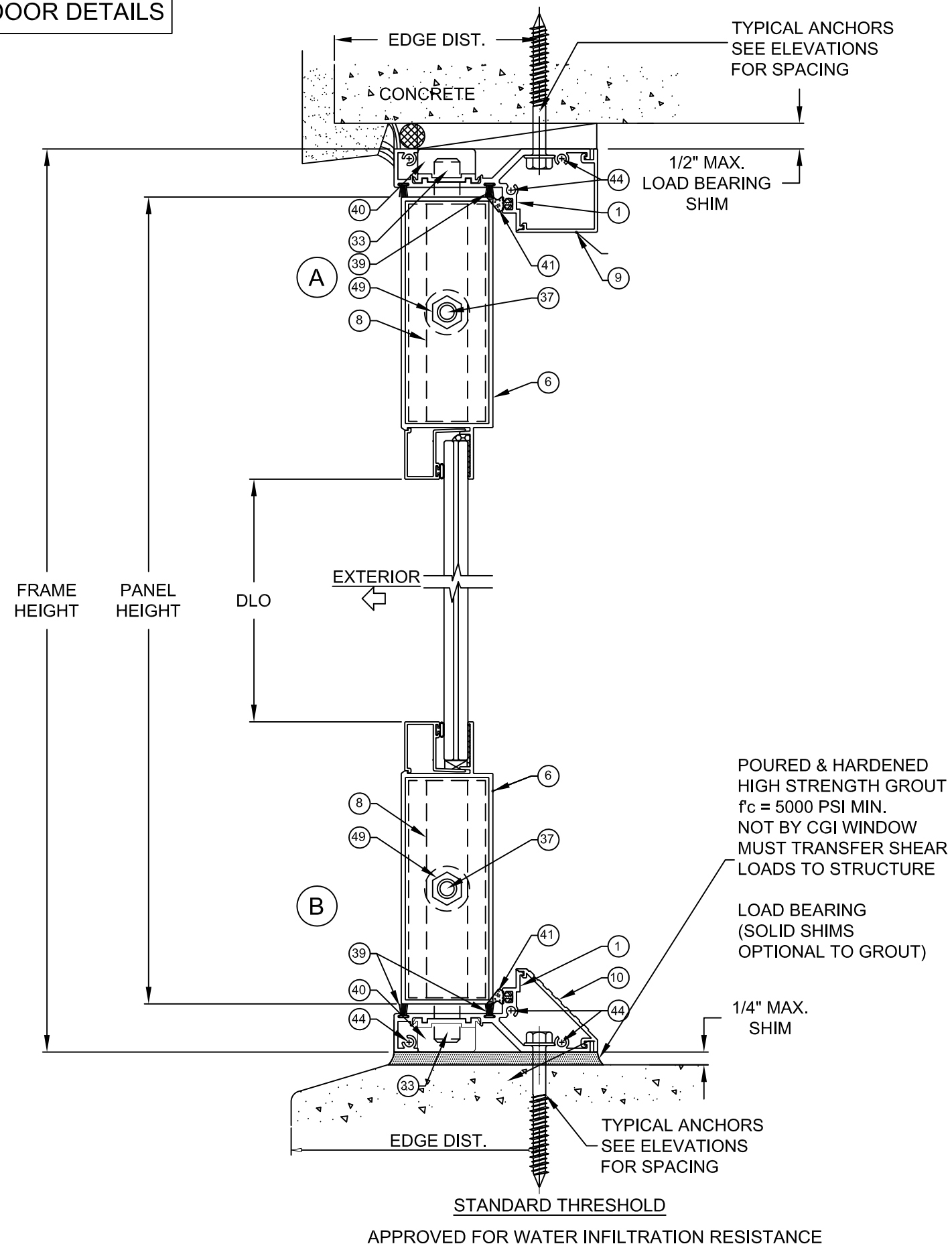
PRODUCT RENEWED
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Building Code
NOA-No. 23-0717.02
Expiration Date 08/08/2028
By Ishag I. Chanku
Miami-Dade Product Control

Revision: UPDATED TO 2023
BUILDING CODE.
FORMAT DP TABLES AND
ANCHOR TYPES
AM - 7/6/23

	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275				(941) 480-1600		REGISTRATION #29296		6/17/20	
	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590									
SENTINEL 160 OUTSWING DOOR (LM)										
GLAZING DETAILS										
FD160 OS		5 OF 14		No. DWG		160 OS FD-LM		Rev. A		
Sheet										
Desc. Title										



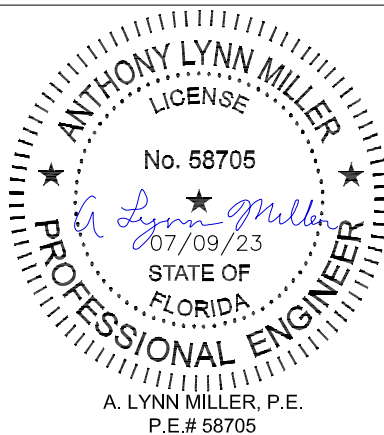
DOOR DETAILS



PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-0717.02
Expiration Date 08/08/2028
By *Ishag I. Zhand*
Miami-Dade Product Control

Revision:
UPDATED TO 2023
BUILDING CODE.
FORMAT DP TABLES AND
ANCHOR TYPES
AM - 7/6/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	SENTINEL 160 OUTSWING DOOR (LM)	A. MORLESIN	Date	6/17/20	Rev.	A
				By		No.	160 OS FD-LM
				Drawn		DWG	
Impact Resistant Windows & Doors	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	SENTINEL 160 OUTSWING DOOR (LM)	VERTICAL SECTION	FD160 OS	6 OF 14	Sheet	A



DOOR DETAILS

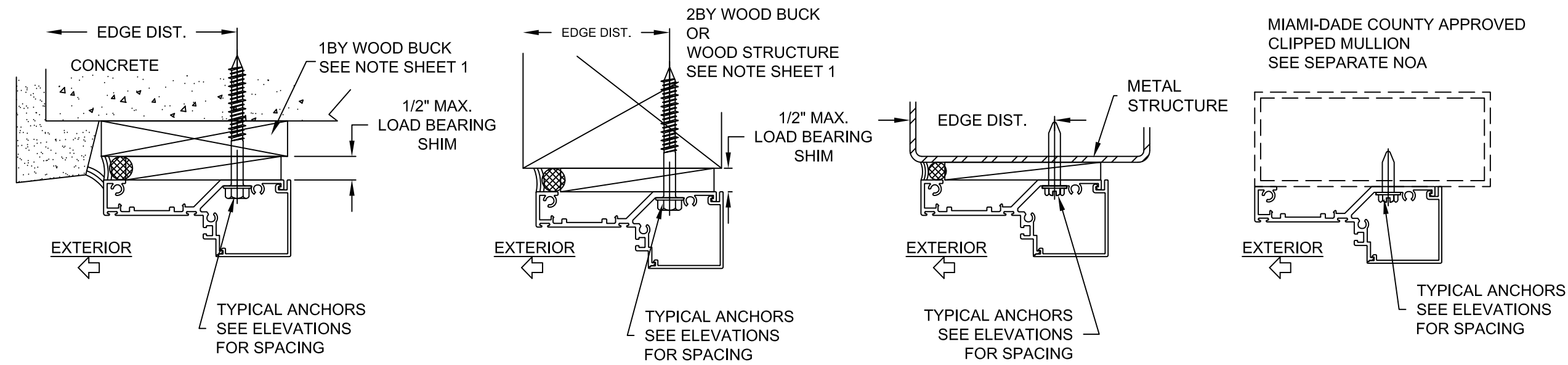


TABLE B:SEE ELEV. FOR SPACING

Group	Anchor	Substrate	Frame Member	Min. Edge Distance	Min. Embedment
A	1/4" DeWalt Ultracon+ or 1/4" HILTI KWIK CON II	directly into 2BY P.T. Southern Pine, (SG=0.55)	Head/Sill/Jamb	1"	1-1/2"
		Thru 1BY wood buck into Concrete, (min. 3 ksi)	Head/Sill	2-1/2"	1-3/4"
		Thru 1BY into UngROUTED CMU, (ASTM C-90)	Jamb	2-1/2"	1-1/4"
B	1/4" DeWalt Ultracon+ or 1/4" HILTI KWIK CON II	Directly into Concrete, (min. 3 ksi)	Head/Sill	2-1/2"	1-3/4"
		Directly into UngROUTED CMU, (ASTM C-90)	Jamb	2-1/2"	1-1/4"
C	1/4", TEKS or steel SMS (G5)	Aluminum, (1/8" min)	Head/Sill/Jamb	3/4"	-
		Steel, (1/8" min)	Head/Sill/Jamb	3/4"	-

- 1) STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED
- 2) MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
- 3) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- 4) 'UNGROUTED CMU' VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 5) ALL ANCHOR HEADS TYPES ARE APPLICABLE GROUP 'C': INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR STEEL

WOOD AT HEAD, JAMBS OR SILL SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS f_c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f_m = 2000 PSI MIN.

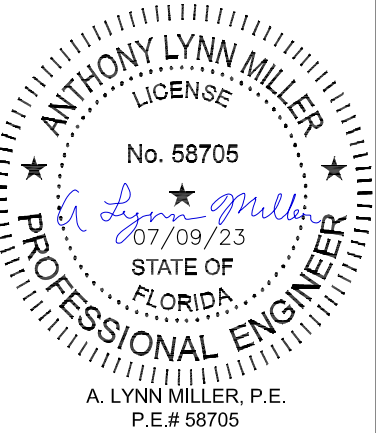
1/4" ULTRACON+ ANCHORS BY 'DEWALT' ARE LIMITED TO A MAXIMUM 1/4" SHIM SPACE. ALL OTHER ANCHORS MAY USE 1/4", 3/8" OR 1/2" SHIM SPACE.

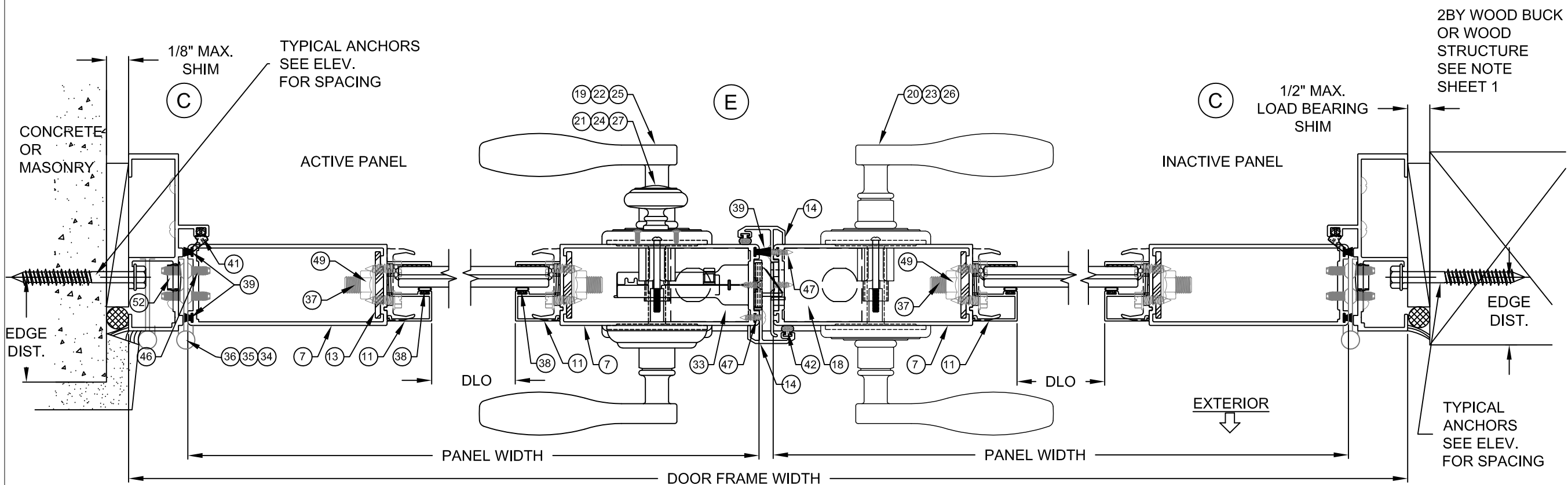
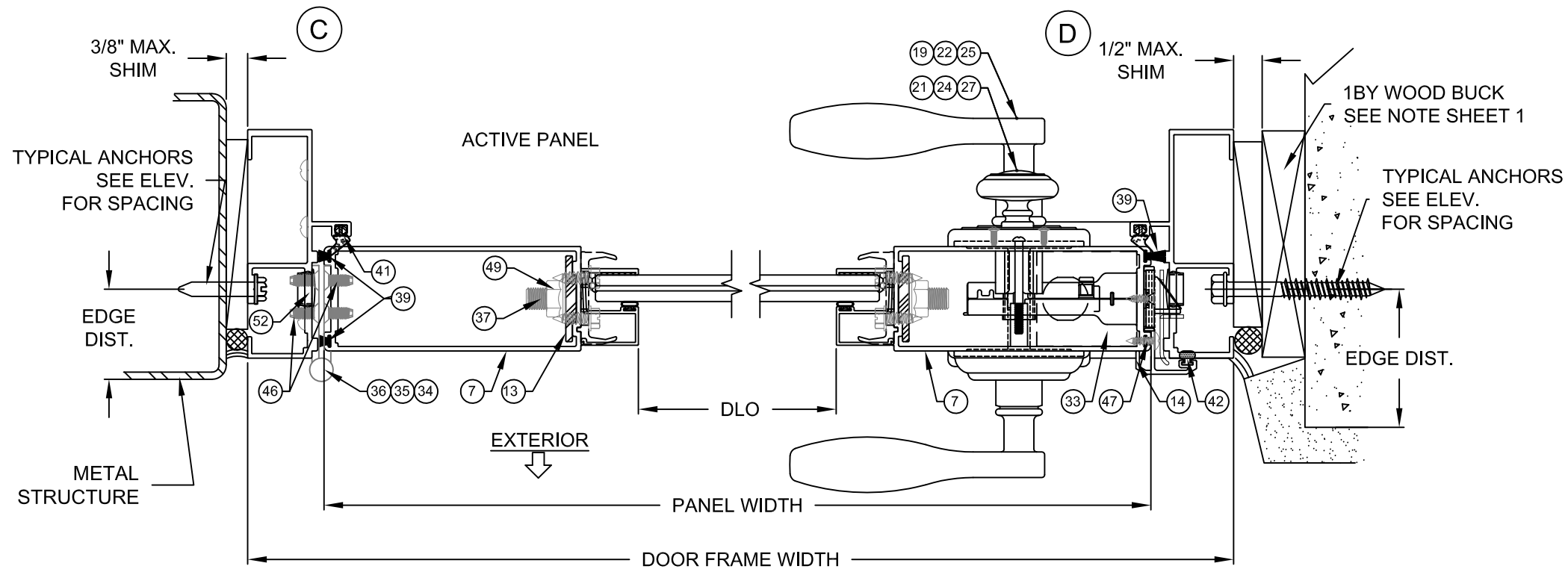
WOOD BUCKS AND METAL STRUCTURE NOT BY CGI WINDOWS
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 23-0717.02
Expiration Date 08/08/2028
By *Ishag I. Chande*
Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
FORMAT DP TABLES AND ANCHOR TYPES
AM - 7/6/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	SENTINEL 160 OUTSWING DOOR (LM)	ANCHOR TABLE	A. MORLESIN	6/17/20	160 OS FD-LM	7 OF 14	FD160 OS	A

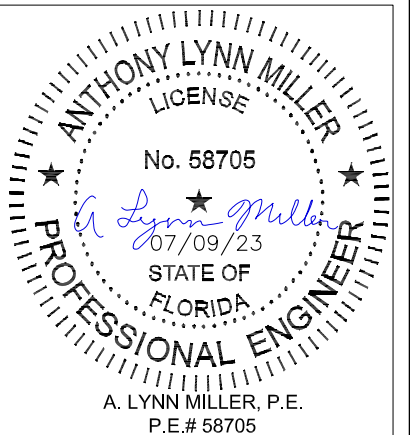




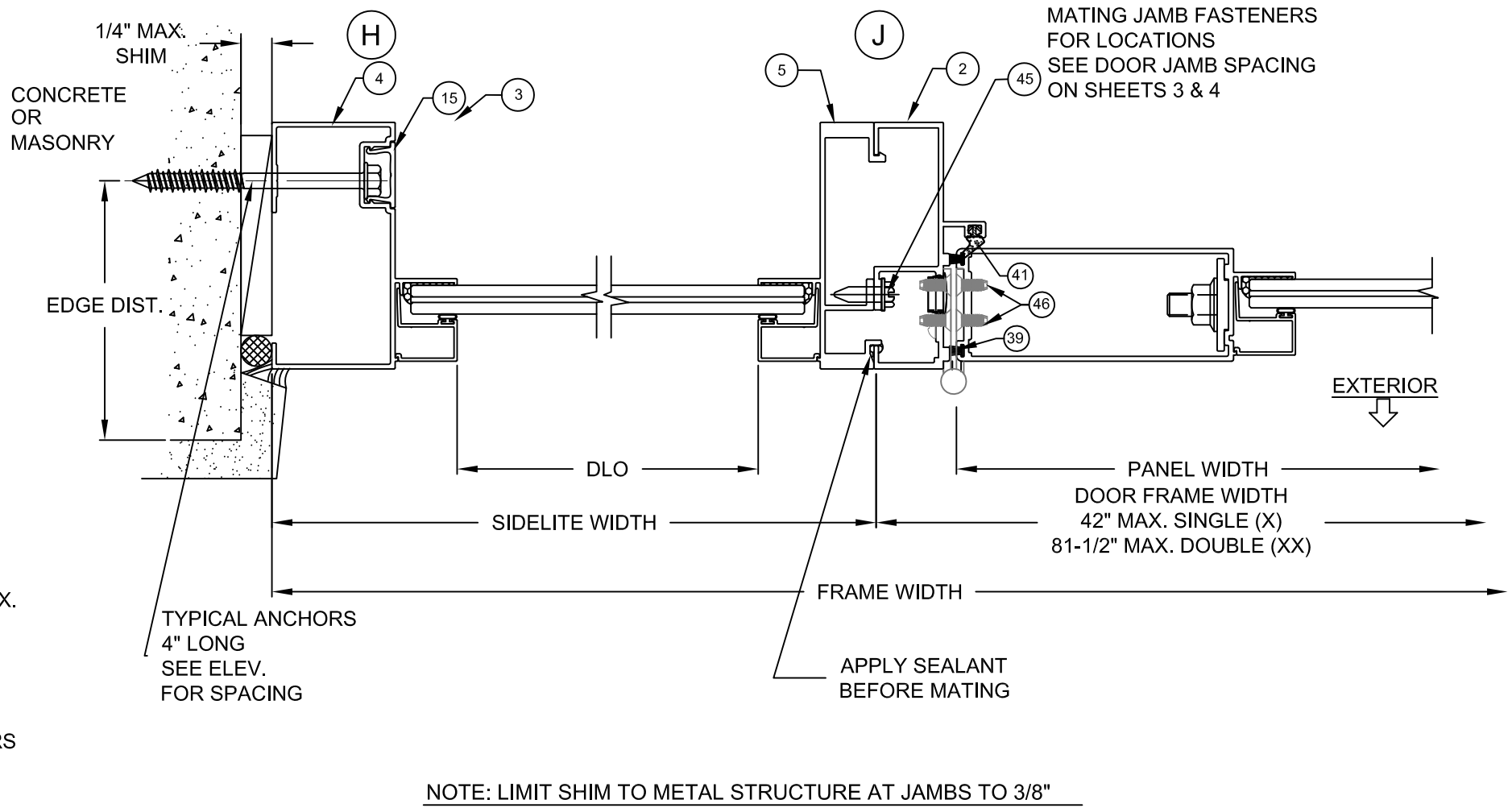
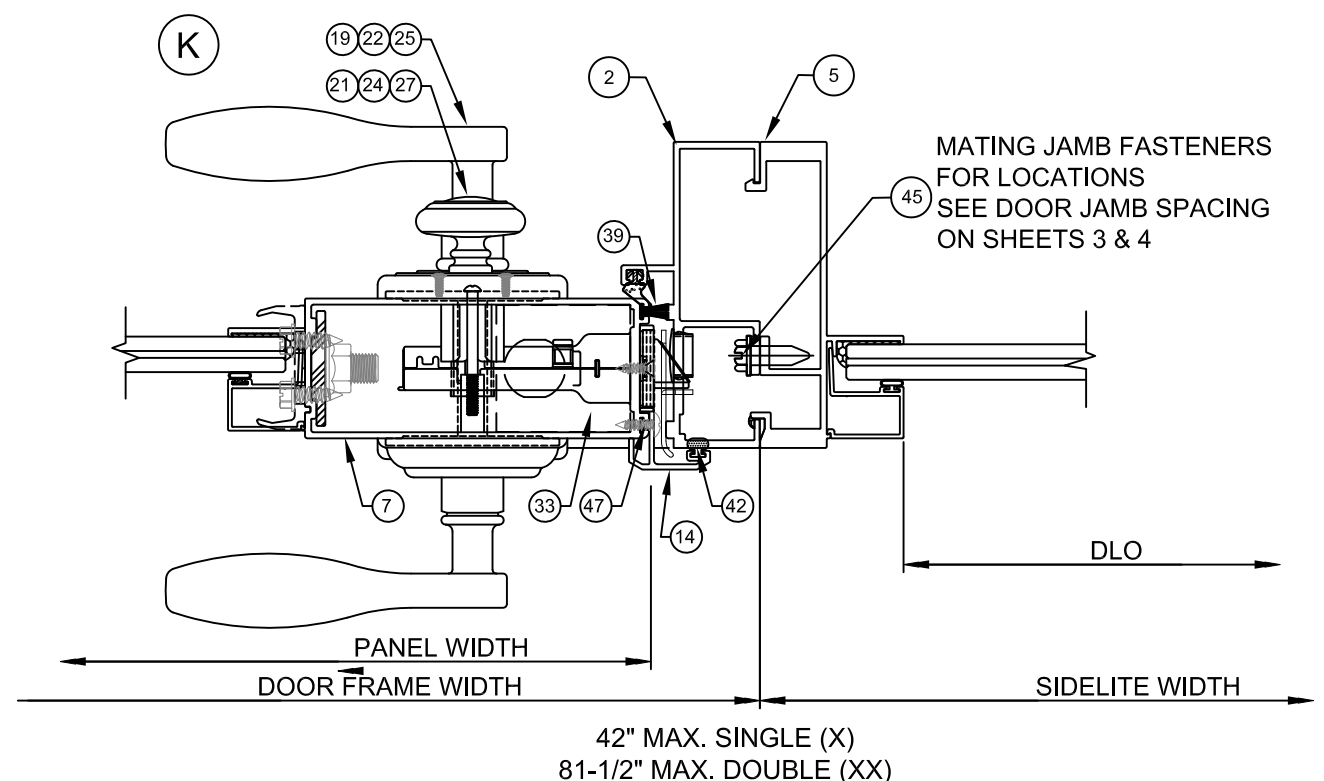
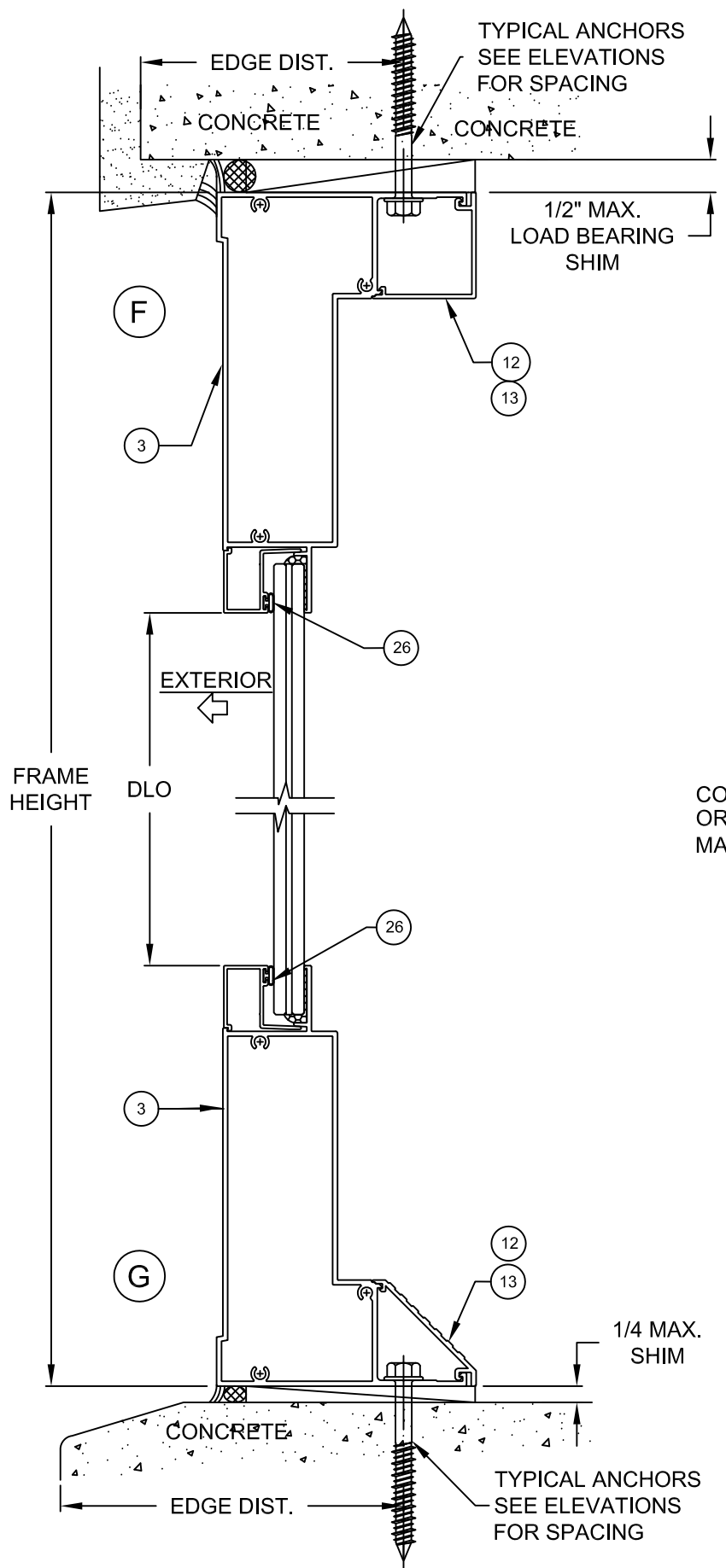
PRODUCT RENEWED
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Expiration Date 08/08/2028
By *Ishag I. Zhand*
Miami-Dade Product Control

UPDATED TO 2023
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FORMAT DP TABLES AND
ANCHOR TYPES
AM - 7/6/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	SENTINEL 160 OUTSWING DOOR (LM)	A. MORLESIN	Rev.	A
				Date	6/17/20
				By	160 OS FD-LM
				No.	8 OF 14
Impact Resistant Windows & Doors	FD160 OS	HORIZONTAL SECTION	8 OF 14	Sheet	8 OF 14
				Series	FD160 OS




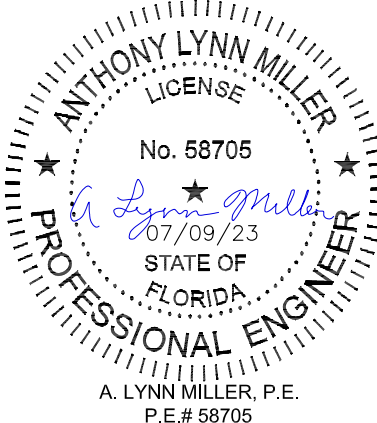
SIDELITE DETAILS



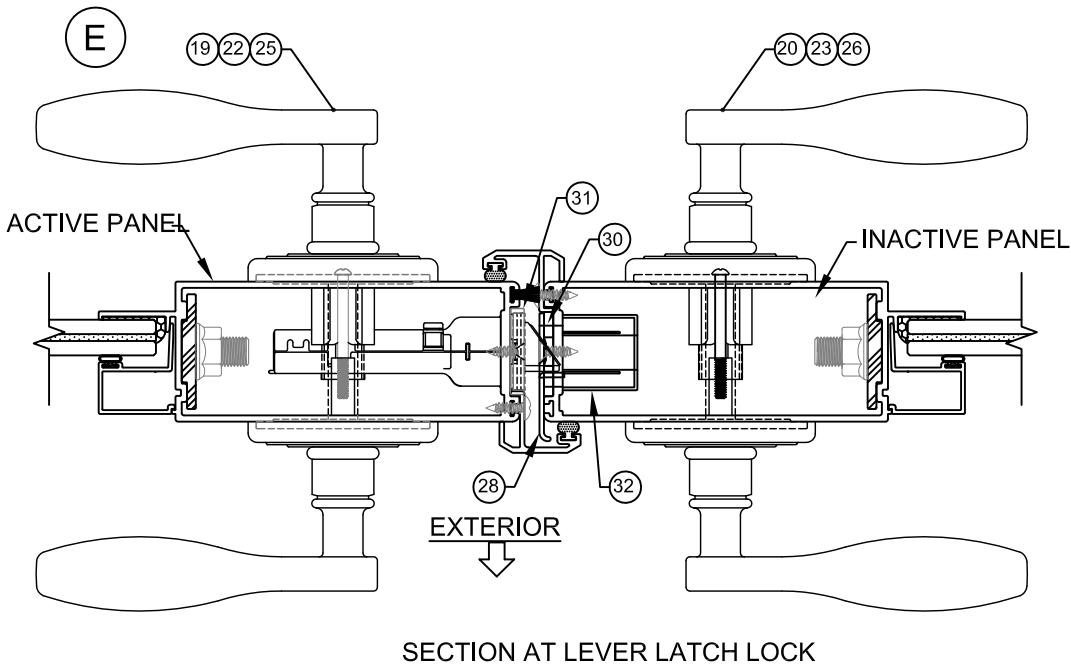
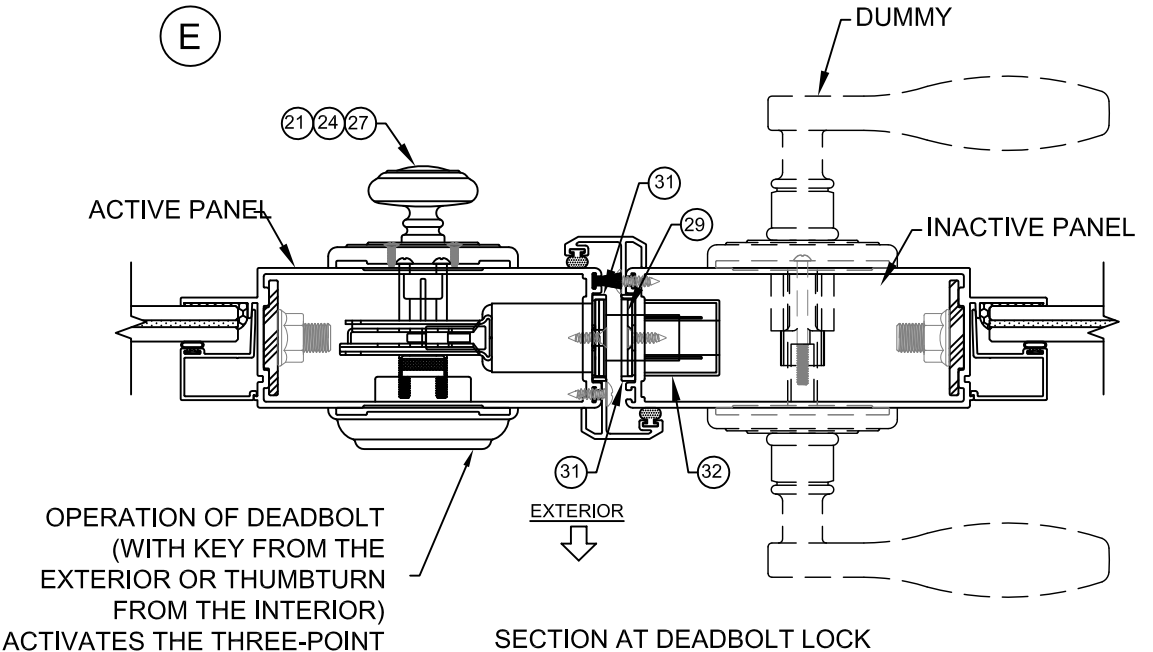
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Expiration Date 08/08/2028
By *Ishag I. Chande*
Miami-Dade Product Control

UPDATED TO 2023
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FORMAT DP TABLES AND
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AM - 7/6/23

 Impact Resistant Windows & Doors	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590			PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			
	SENTINEL 160 OUTSWING DOOR (LM)			REGISTRATION #29296			
				Date			
				6/17/20			
Title	SIDELITE DETAILS			Drawn By	A. MORLESIN		
Series	FD160 OS	Sheet	9 OF 14		DWG No.	160 OS FD-LM	Rev
Desc.	A						



ITEM	PART No.	QUANTITY	DESCRIPTION	MATERIAL	
1	AL-189	AS REQD.	FRAME HEAD & SILL	ALUM. 6063-T6	
2	AL-190	AS REQD.	FRAME JAMB	ALUM. 6063-T6	
3	AL-191	AS REQD.	SIDELITE HEAD & SILL	ALUM. 6063-T6	
4	AL-197	AS REQD.	FREE STANDING SIDELITE JAMB	ALUM. 6063-T6	
5	AL-198	AS REQD.	MATING SIDELITE JAMB	ALUM. 6063-T6	
6	AL-193	AS REQD.	PANEL TOP & BOTTOM	ALUM. 6063-T6	
7	AL-194	AS REQD.	PANEL VERTICAL STILE	ALUM. 6063-T6	
8	AL-199	AS REQD.	SHEAR BLOCK	ALUM. 6063-T6	
9	AL-191	AS REQD.	FRAME HEAD & SILL SCREW COVER	ALUM. 6063-T5	
10	AL-192	AS REQD.	FRAME HEAD & SILL SLANTED SCREW COVER	ALUM. 6063-T5	
11	AL-121	AS REQD.	GLAZING BEAD (7/16" LAM.)	ALUM. 6063-T5	
12	AL-123	AS REQD.	GLAZING BEAD (1" INSUL. & LAM.)	ALUM. 6063-T5	
13	AL-200	AS REQD.	SHEAR PLATE	ALUM. 6063-T6	
14	AL-195	AS REQD.	ASTRAGAL	ALUM. 6063-T5	
15	AL-508	AS REQD.	FREE STAND JAMB SCREW COVER	ALUM. 6063-T5	
16	AL-540	AS REQD.	SADDLE THRESHOLD, ADA COMPLIANT)	ALUM. 6063-T6	
17	HD-4503PL	AS REQD.	3 POINT LOCK ASSY. @ ACTIVE PANEL, USED BY ALL OPTIONS	METAL	
18	HD-1204	AS REQD.	FLUSHBOLT ASSEMBLY @ INACTIVE PANEL, USED BY ALL OPTIONS	ALLOY, STEEL	
19	HD-5455	AS REQD.	LEVER LATCH LOCK @ ACTIVE PANEL	LOCK SET OPTION 1	BRASS
20	HD-5455	AS REQD.	DUMMY LEVER @ INACTIVE PANEL		
21	HD-8231	AS REQD.	DEADBOLT THUMBTURN @ ACTIVE PANEL		
22	J10 TDR605	AS REQD.	LEVER LATCH LOCK @ ACTIVE PANEL	LOCK SET OPTION 2	BRASS
23	J10 TDR605	AS REQD.	DUMMY LEVER @ INACTIVE PANEL		
24	JD60	AS REQD.	DEADBOLT THUMBTURN @ ACTIVE PANEL		
25	HD-34-10116	AS REQD.	LEVER LATCH LOCK @ ACTIVE PANEL	LOCK SET OPTION 3	BRASS, STEEL
26	HD-34-10116	AS REQD.	DUMMY LEVER @ INACTIVE PANEL		
27	HD- DB2410	AS REQD.	DEADBOLT (THUMBTURN) @ ACTIVE PANEL		
28	HD-537	AS REQD.	LATCH LOCK STRIKE PLATE. SECURED W/(2) 1/8" x 3/4" PHP. FH. SMS.	S.STEEL	
29	HD-538	AS REQD.	DEADBOLT STRIKE PLATE. SECURED W/(2) 1/8" x 3/4" PHP. FH. SMS.	S.STEEL	
30	HD-536N	AS REQD.	LATCH LOCK STRIKE PLATE SHIM	NYLON	
31	HD-390P	AS REQD.	LATCH LOCK & DEADBOLT STRIKE PLATE TRIM	NYLON	
32	HD-STRIKE BOX	AS REQD.	LATCH LOCK & DEADBOLT PROTECTIVE DUST BOX	NYLON	
33	HD-525-9-REV	2/LOCK MECH.	BOLT LOCK ASSEMBLY	S.STEEL	
33A	HD-533C	1/FLUSHBOLT	FLUSH BOLT GUIDE (TOP & BOTTOM)	CAST (ZINC)	
34	HD-CH-108	4/PANEL	4-1/12" x 4" HINGE	ALUMINUM	
35	HD-ABB00-US32D	4/PANEL	4-1/12" x 4" HINGE	BRASS	
36	HD-AB800-US	4/PANEL	4-1/12" x 4" HINGE	S. STEEL	
37	3/8"-16 RDD	2/PANEL	3/8"-16 FULLY THREADED ROD (ZINC PLATED)	STEEL	
38	WS-382V	AS REQD.	GLAZING BULB (DUROMETER 75-80)	PVC	
39	WS-W33321	AS REQD.	0.187" x 0.320" ULTRA SOFT FIN WEATHERSTRIP	-	
40	HD-203	2/PANEL	SHOOT BOLT PROTECTOR @ DOOR FRAME HEAD & SILL	PVC	
41	HD-12-10042	AS REQD.	0.350" REACH POCKET SEAL (FRAME PERIMETER GASKET)	-	
42	WS-32011	AS REQD.	FOAM-TITE CLOSED CELL FOAM COMPRESSION SEAL	-	
43	HD-CLIP ANGLE	2/EACH	2" X 2" x 1/4" CLIP ANGLE (ADA THRESHOLD TO JAMB)	ALUMINUM	
44	-	3/CDRNER	#10 x 1-1/4" PHP. PH. SMS. (PANEL & FRAME ASSEMBLY)	S. STEEL	
45	-	SEE ELEV.	#14 x 3/4" HH. TEK (MULLION ATTACHMENT)	S. STEEL	
46	-	8/HINGE 4/CLIP	#12-24 x 1/2" PHP. FH. UC. THREAD FDRMING	S. STEEL	
47	-	2/EACH	#6 x 1/2" PHP. TH. SMS. (ASTRAGAL ATTACHMENT)	S. STEEL	
48	-	1/EACH	#10 x 3/4" PHP. PH. SMS. (BOLT LOCK / FLUSHBOLT GUIDE ASSY.)	S. STEEL	
49	3/8"-16 NUT	4/PANEL	3/8"-16 SERRATED FLANGE NUT (ZINC PLATED)	S. STEEL	
50	-	2/FLUSHBOLT	#8-32 x 1/2" PHP. PH. HS. (FLUSHBOLT ASSEMBLY)	S. STEEL	
51	HD-00DR SWEEP	1/EACH	DOOR SWEEP (OPTIONAL). SECURED W/ #6 x 1/2" PHP. PH. SMS.	ALUMINUM	
52	HD-34-10003	1/SCREW HOLE	INSTALLATION SCREW HOLE PLUG (AT DOOR FRAME JAMBS ONLY)	NYLON	
53	-	4/BLOCK	#12 x 5/8" HH. SMS. (SHEAR BLOCK ASSY.)	S. STEEL	



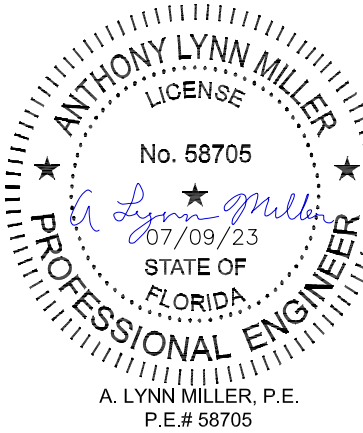
SEALANTS:

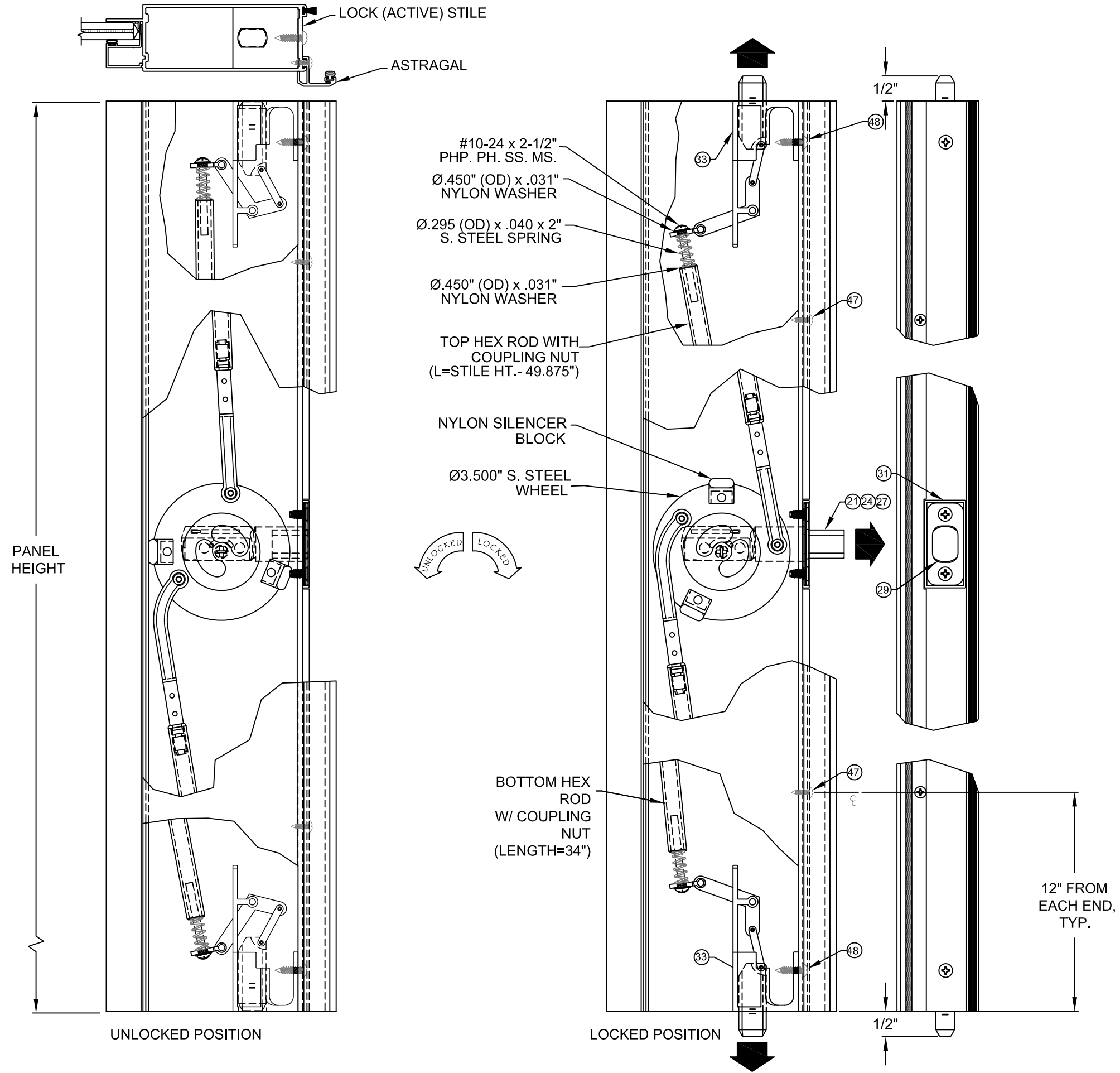
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH GE SCS2000 SILICONE SEALANT

PRODUCT RENEWED
as complying with the Florida
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NOA-No. 23-0717.02
Expiration Date 08/08/2028
By *Ishag I. Chande*
Miami-Dade Product Control

UPDATED TO 2023
BUILDING CODE.
FORMAT DP TABLES AND
ANCHOR TYPES
AM - 7/6/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	SENTINEL 160 OUTSWING DOOR (LM)	A. MORLESIN	Rev.	A
				Date	6/17/20
				By	A. MORLESIN
				No.	160 OS FD-LM
Impact Resistant Windows & Doors	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	SENTINEL 160 OUTSWING DOOR (LM)	BILL OF MATERIAL	DWG	10 OF 14
				Sheet	FD160 OS
				Series	FD160 OS
				Desc.	FD160 OS

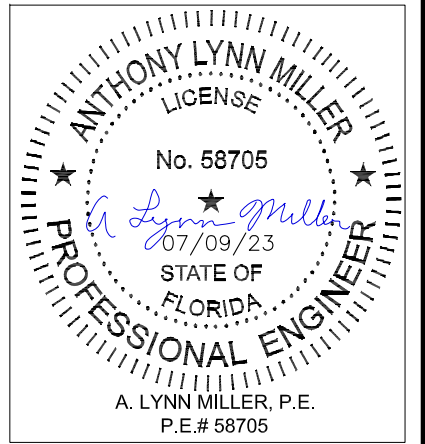




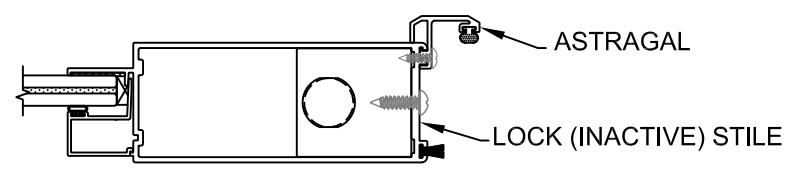
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Expiration Date 08/08/2028
By *Ishag I. Chande*
Miami-Dade Product Control

Revision:
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FORMAT DP TABLES AND
ANCHOR TYPES
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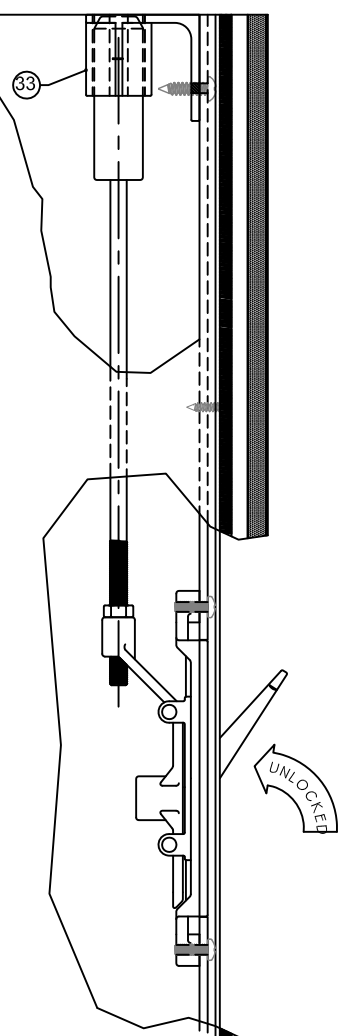
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	SENTINEL 160 OUTSWING DOOR (LM)	A. MORLESIN	6/17/20	160 OS FD-LM	A
Impact Resistant Windows & Doors 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	LOCK DETAILS	FD160 OS	11 OF 14	160 OS FD-LM	A



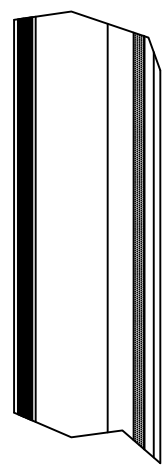
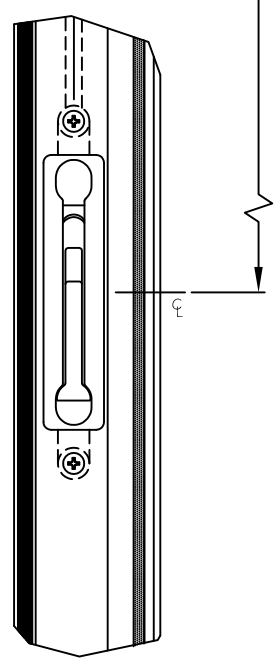
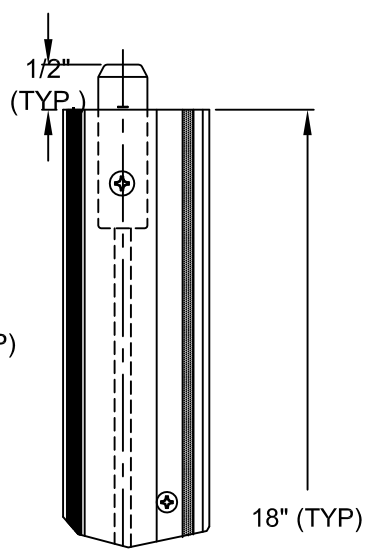
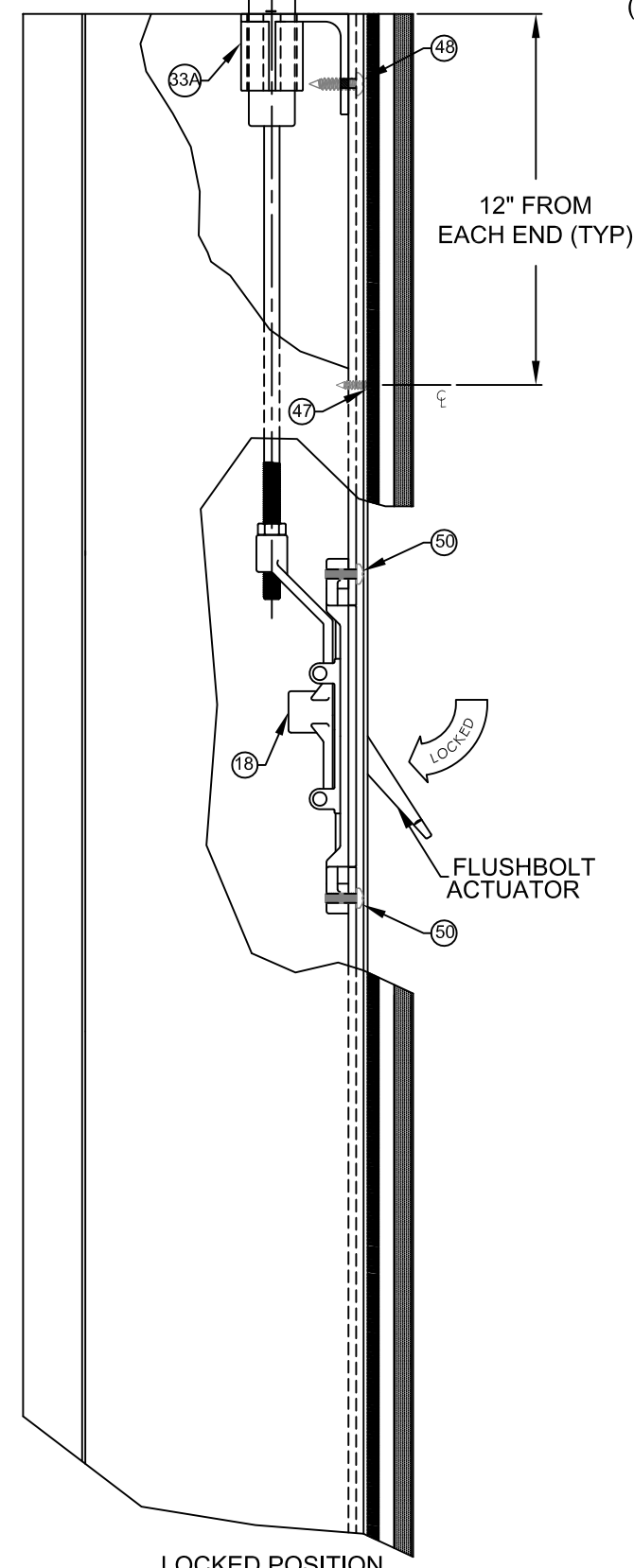
PANEL
HEIGHT



UNLOCKED POSITION



LOCKED POSITION

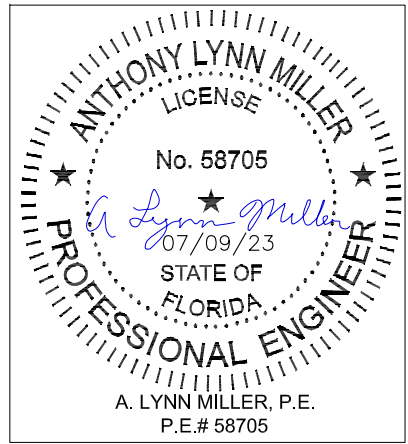


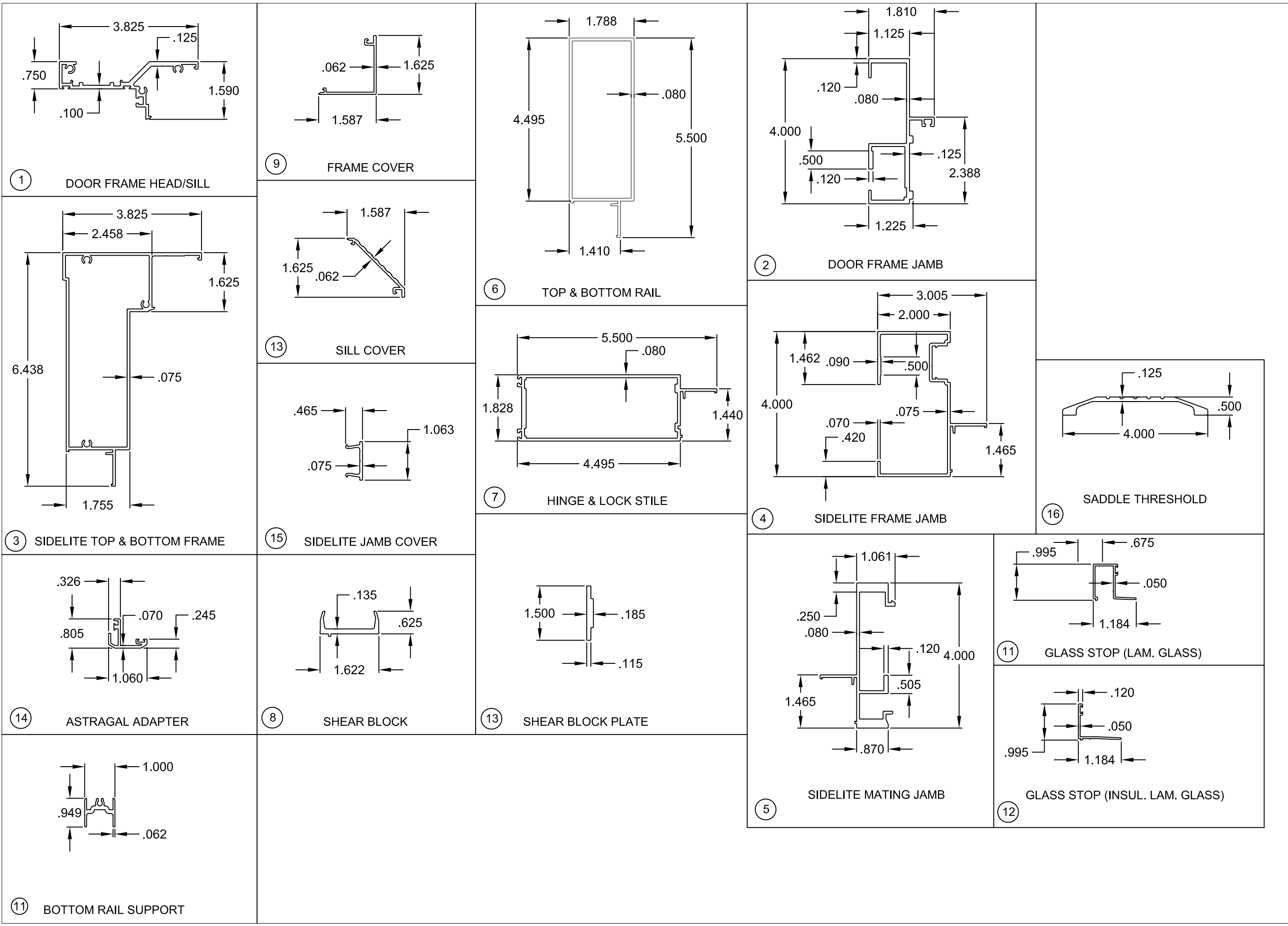
NOTE: FLUSH BOLT AT INACTIVE STILE
(PARTIAL TOP END SECTION SHOWN, BOTTOM END SIMILAR)

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-0717.02
Expiration Date 08/08/2028
By *Ishag I. Chande*
Miami-Dade Product Control

Revision:
UPDATED TO 2023
BUILDING CODE.
FORMAT DP TABLES AND
ANCHOR TYPES
AM - 7/6/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	6/17/20	Rev.	A
		By	A. MORLESIN	160 OS FD-LM	
Impact Resistant Windows & Doors 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	SENTINEL 160 OUTSWING DOOR (LM)	LOCK DETAILS	FD160 OS	DWG No.	12 OF 14
				Sheet	
CGI	SENTINEL 160 OUTSWING DOOR (LM)	LOCK DETAILS	FD160 OS	Series	Desc.



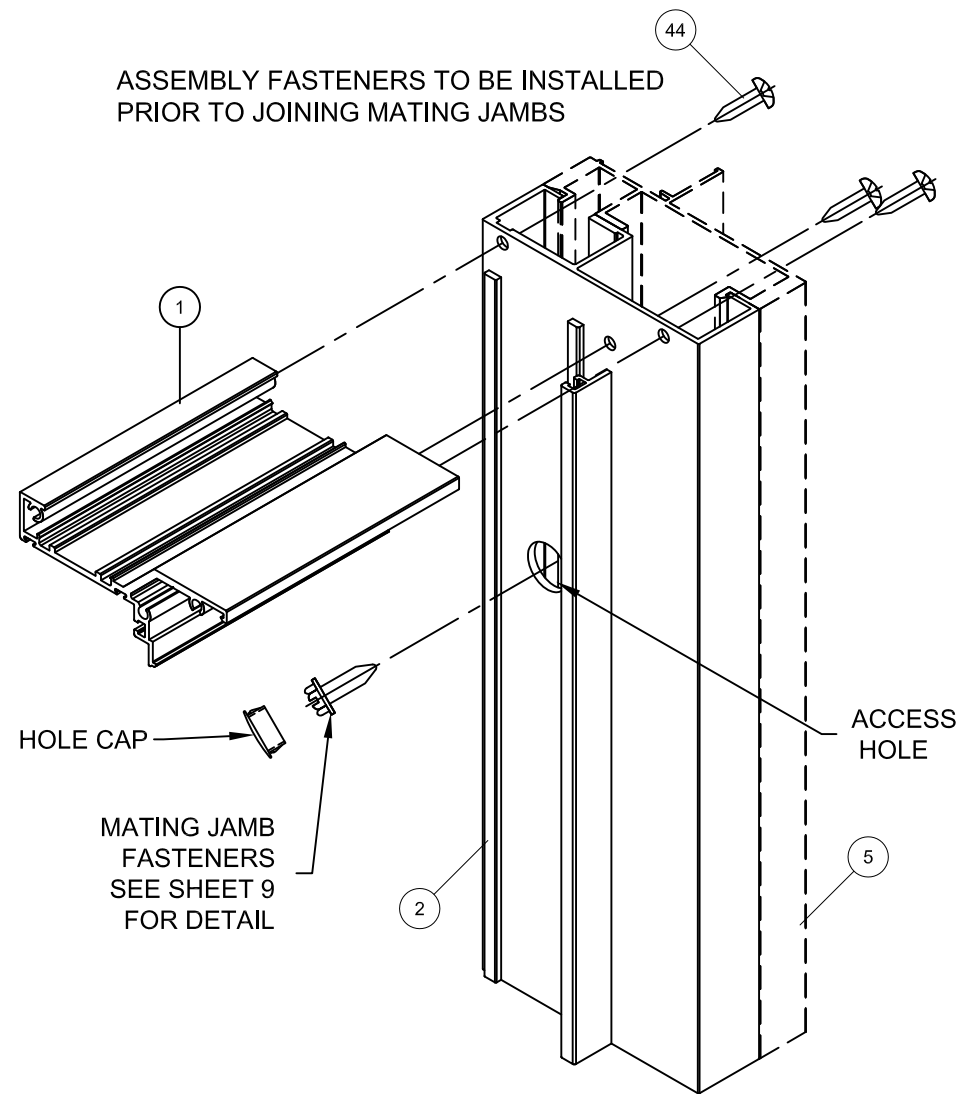


PRODUCT RENEWED
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Building Code
NOA-No. 23-0717.02
Expiration Date 08/08/2028
By *Ishag I. Chande*
Miami-Dade Product Control

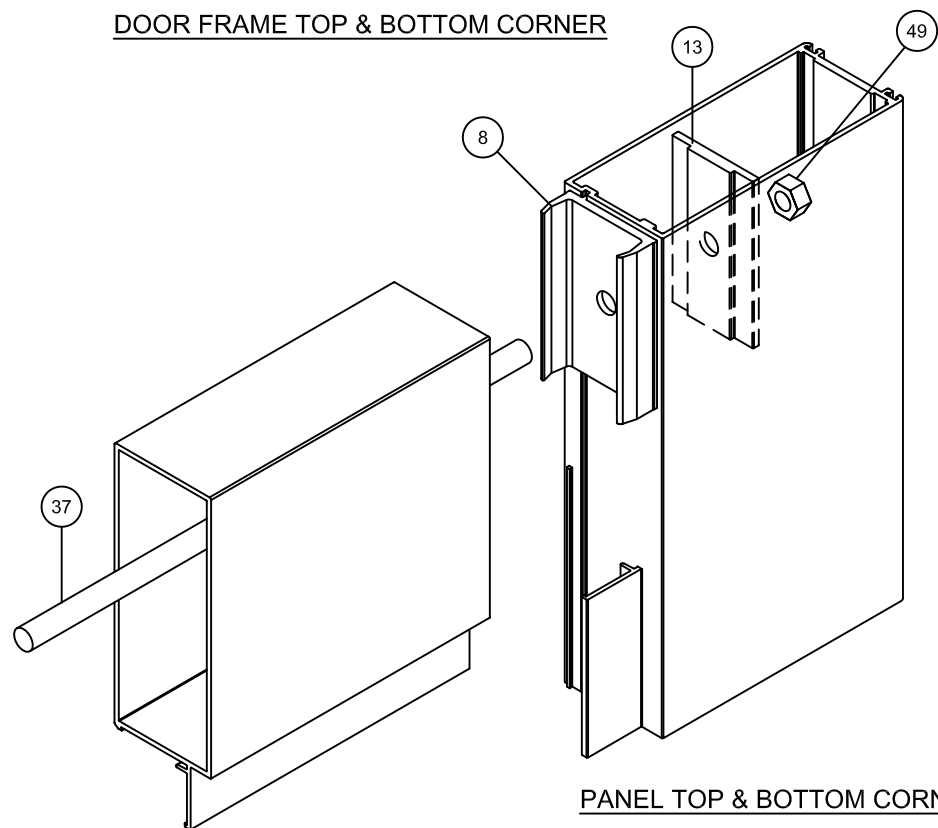
UPDATED TO 2023
BUILDING CODE.
FORMAT DP TABLES AND
ANCHOR TYPES
AM - 7/6/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	Date	6/17/20	Rev.	A
		Drawn By	A. MORLESIN	DWG No.	160 OS FD-LM
		SENTINEL 160 OUTSWING DOOR (LM)		13 OF 14	Sheet
Impact Resistant Windows & Doors	EXTRUSIONS	FD160 OS			

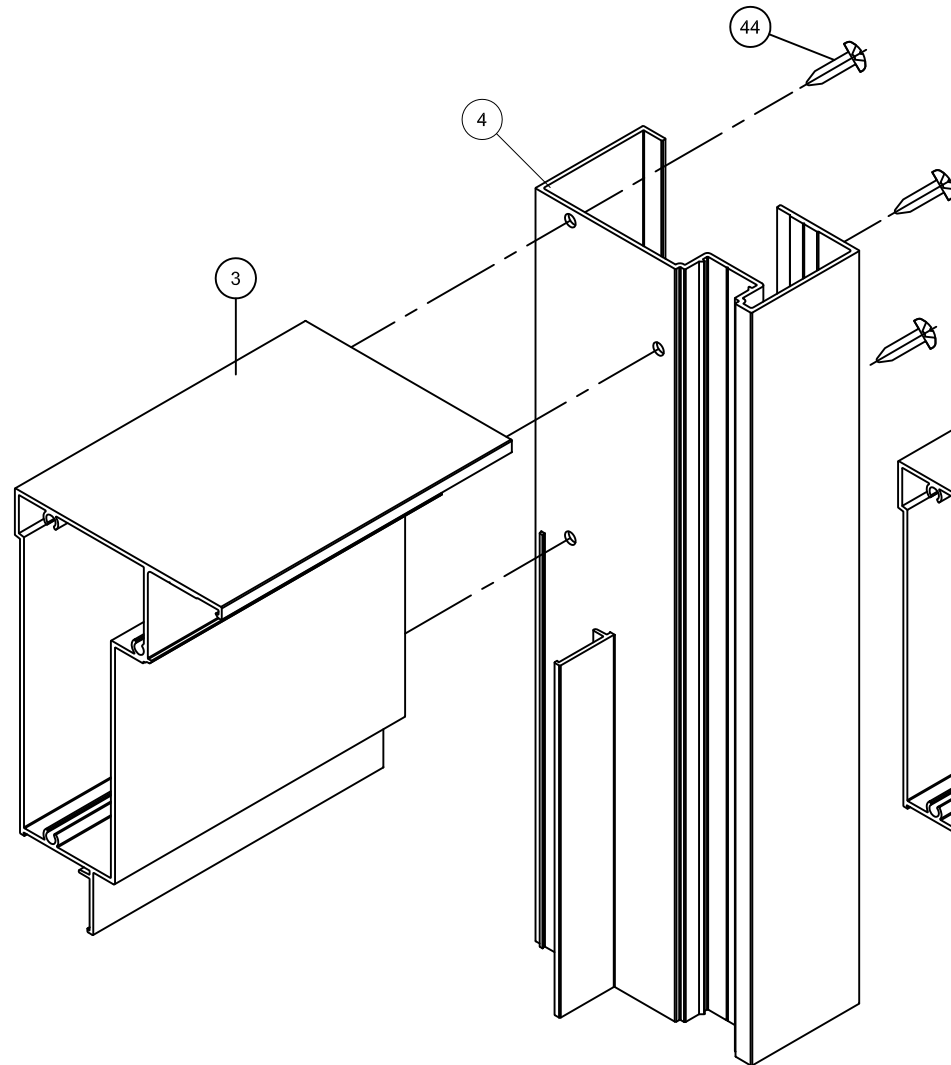
ANTHONY LYNN MILLER
LICENSE
No. 58705
A. Lynn Miller
07/09/23
STATE OF
FLORIDA
A. LYNN MILLER, P.E.
P.E.# 58705



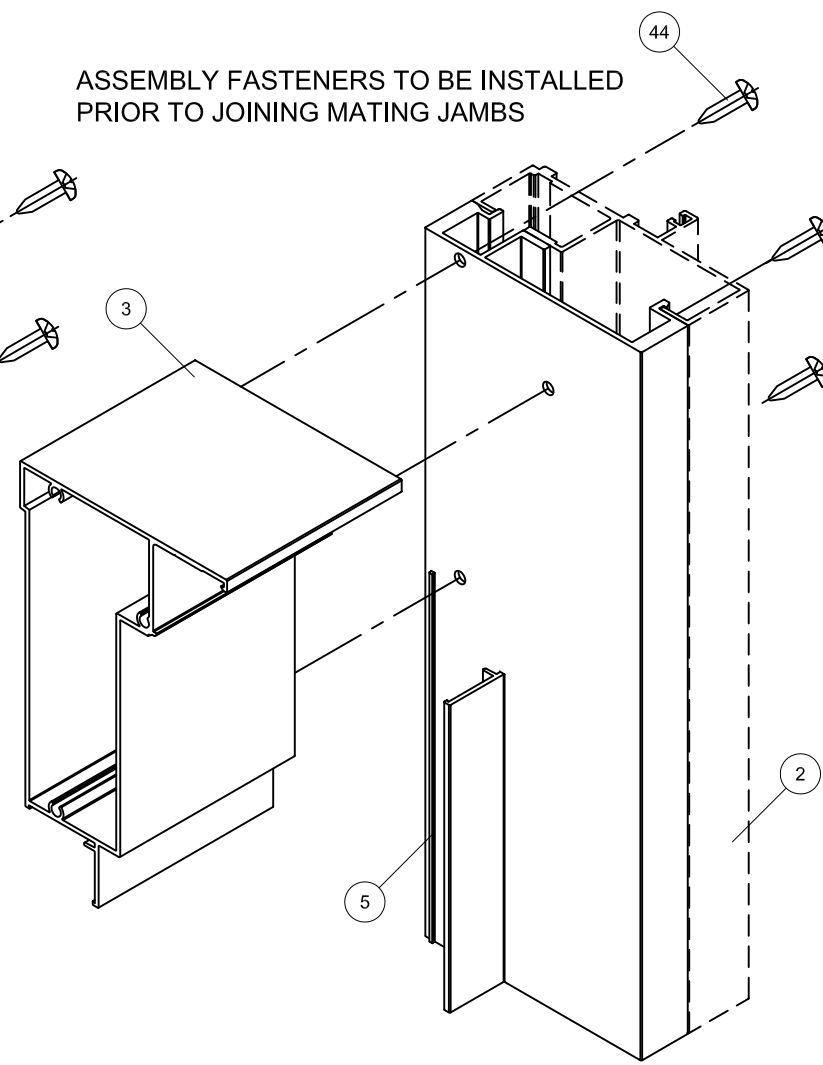
DOOR FRAME TOP & BOTTOM CORNER



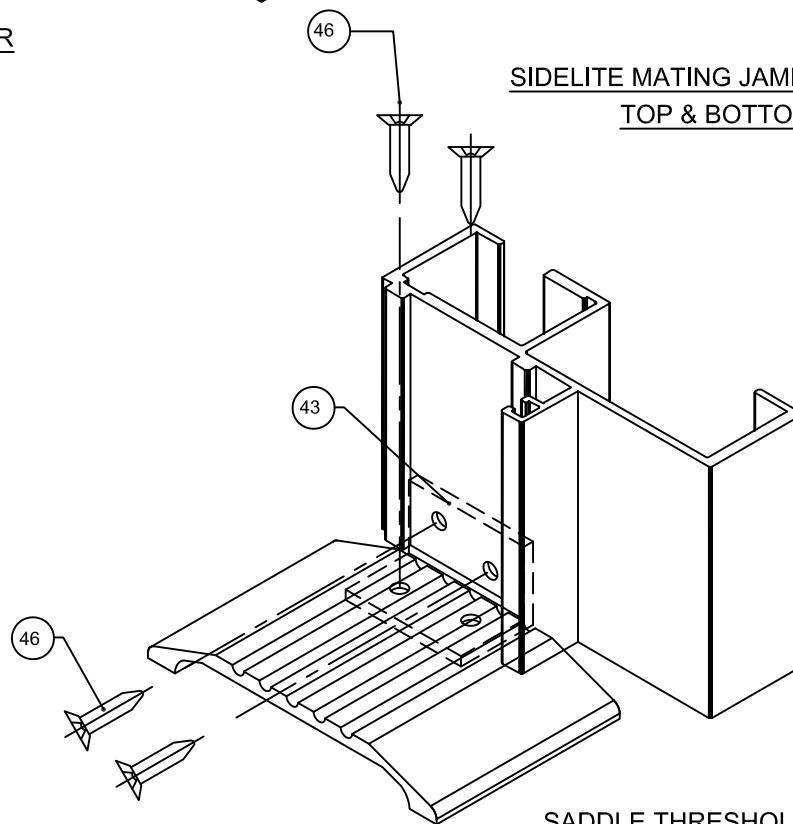
PANEL TOP & BOTTOM CORNER



SIDELITE JAMB CORNER
TOP & BOTTOM



SIDELITE MATING JAMB CORNER
TOP & BOTTOM



SADDLE THRESHOLD CORNER

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Miami-Dade Product Control

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FORMAT DP TABLES AND
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AM - 7/6/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	SENTINEL 160 OUTSWING DOOR (LM)	A. MORLESIN	6/17/20	160 OS FD-LM	A
Impact Resistant Windows & Doors 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	CORNER ASSEMBLY	FD160 OS	14 OF 14	14 OF 14	14 OF 14

