



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, FL 33175
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

WinDoor, Inc.
104 Triple Diamond Blvd.
North Venice, FL 34275

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 "560" Aluminum Sliding Glass Door (2-tracks) w/ wo Reinforcements – S.M.I.

APPROVAL DOCUMENT: Drawing No. **560-2T-SM-NOA**, titled Series "560 Aluminum Sliding Glass Door (LMI)", sheets 1 through 15 of 15, prepared by manufacturer, dated 06/10/20, signed and sealed by Anthony Lynn Miller, 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: Small Missile Impact Resistant

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

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

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

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

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

This NOA **revised 18-0926.11** and consists of this page 1 and evidence page E-1 and E-2, as well as approval document mentioned above.

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



S.Z.
11/26/2020

NOA No. 20-0729.09
Expiration Date: June 26, 2023
Approval Date: November 26, 2020
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (*See NOA #20-0729.03*)
2. Drawing No. **560-2T-SM-NOA**, titled Series "560 Aluminum Sliding Glass Door (SMI)", sheets 1 through 15 of 15, prepared by manufacturer, dated 06/10/20, signed and sealed by Anthony Lynn 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) Small Missile Impact Test per FBC, TAS 201-94
5) 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.

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 7th Edition (2020)**, dated 07/20/20, prepared by manufacturer, signed and sealed by Anthony 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).



Sifang Zhao, P.E.
Product Control Examiner
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E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** (former Dupont De Numerous) for their “**Trosifol Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.
2. Notice of Acceptance No. **18-0301.06** issued to Eastman Chemical Company (MA) (former Solutia, Inc.) for their “**Saflex Glass Interlayers**”, expiring on 12/11/2023.

F. STATEMENTS

1. Statement letters of conformance to FBC 2020(7th Edition), dated 07/20/20, prepared, signed & 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. OTHERS

1. Private labeling agreement between WinDoor, Inc. and CGI Windows and Doors, Inc. document in conformance of RER guideline dated 09/12/2018.
(Submitted under NOA #18-1108.06)
2. Notice of Acceptance No. **18-0926.11**, issued to Windoor, Inc. for their Series “560” Aluminum Sliding Glass Door (2-tracks) w/ wo Reinforcements – S.M.I., approved on 07/03/19 and expiring on 06/26/23.
3. Notice of Acceptance No. **20-0729.03**, issued to CGI Windows and Doors, Inc. for their Series “560” Aluminum Sliding Glass Door (2-tracks) w/ wo Reinforcements – S.M.I., approved on 10/29/2020 and expiring on 06/26/23.



Sifang Zhao, P.E.
Product Control Examiner
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SERIES SGD560A ALUMINUM, 2-TRACK SLIDING GLASS DOOR SMALL MISSILE

1) THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

2) 1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

3) 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.

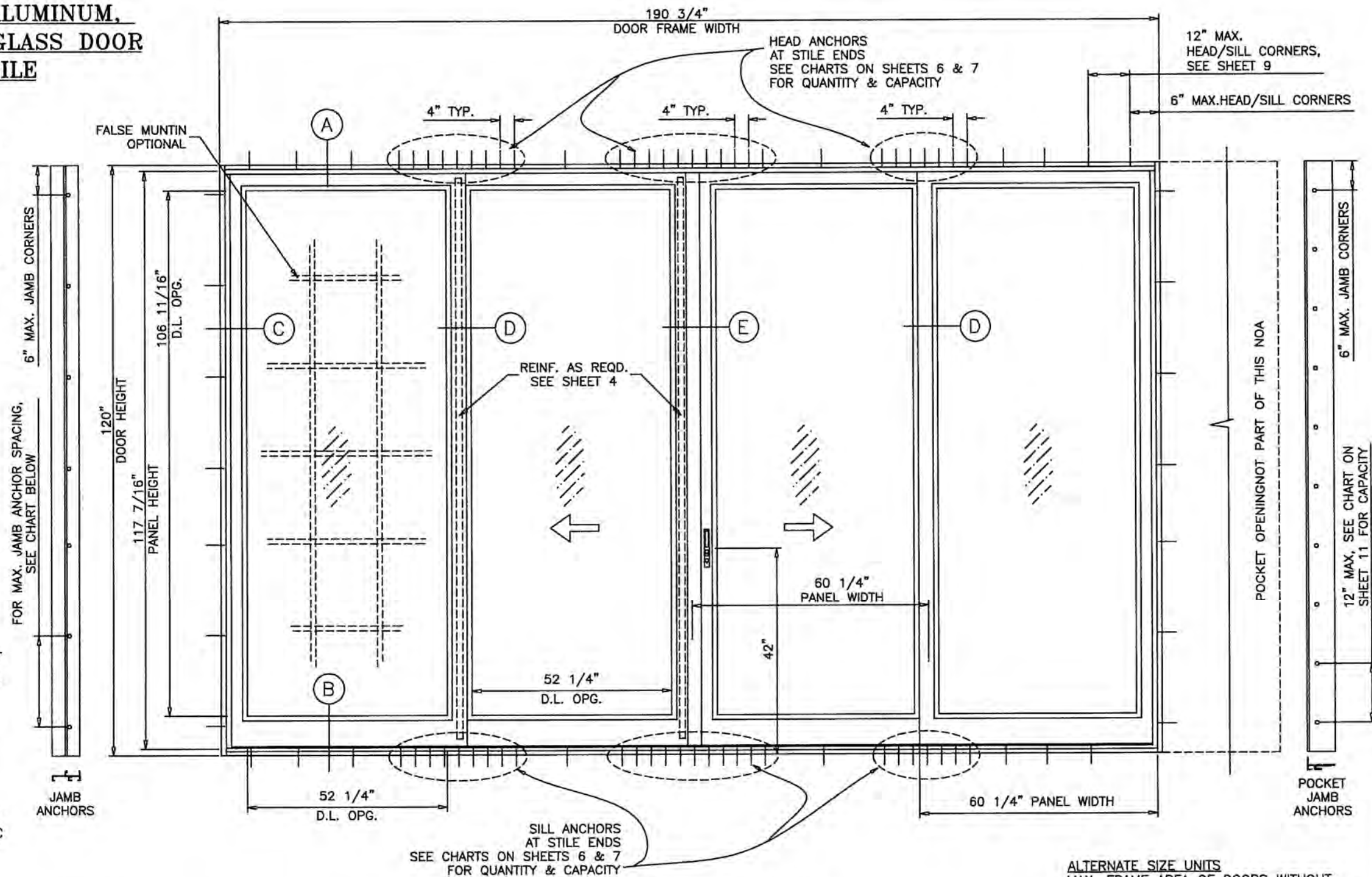
4) A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

5) ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

6) MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017/2020 FLORIDA BUILDING CODE & ADOPTED STANDARDS.

7) 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.

8) EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.



INSTRUCTIONS: USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** DETERMINE DOOR CAPACITY FROM TABLES ON SHEET 4 FOR THE GLASS TYPE AND REINFORCING TO USE.
- STEP 3** USING CHARTS ON SHEETS 6 & 7 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 4** FOR SIDE BY SIDE DOORS WITH VERTICAL MULLION SELECT 2X6 OR 2X8 TUBE FROM CHART ON SHEET 12 WITH LOAD RATING HIGHER THAN REQUIRED. SELECT ANCHORS AS PER STEP 3.
- STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

MAX. JAMB ANCHOR SPACINGS				
SHIM SPACE	ANCHOR TYPE			
	'A' & 'B'	'C'	'D' & 'E'	
1/4"	18-3/4"	18-1/2"	16-3/4"	
3/8"	14-1/2"	-	14-1/2"	
1/2"	9-1/4"	-	9-1/4"	

ALTERNATE SIZE UNITS

MAX. FRAME AREA OF DOORS WITHOUT POCKETS NOT TO EXCEED 199.0 SQ. FT.

D.L. OPENING

D.L.O. HEIGHT = DOOR HEIGHT - 13 5/16"
D.L.O. WIDTH = PANEL WIDTH - 8"

THESE DOORS ARE RATED FOR SMALL MISSILE IMPACT. MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UPTO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS UP TO 30 FT. OF GRADE.

**LAMINATED GLASS AND
LAMINATED INSULATING GLASS
SMALL MISSILE IMPACT**

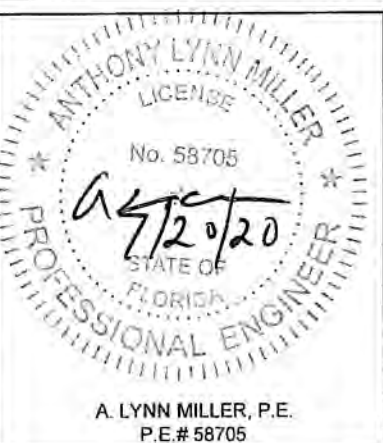
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.09**

Expiration Date **06/26/2023**

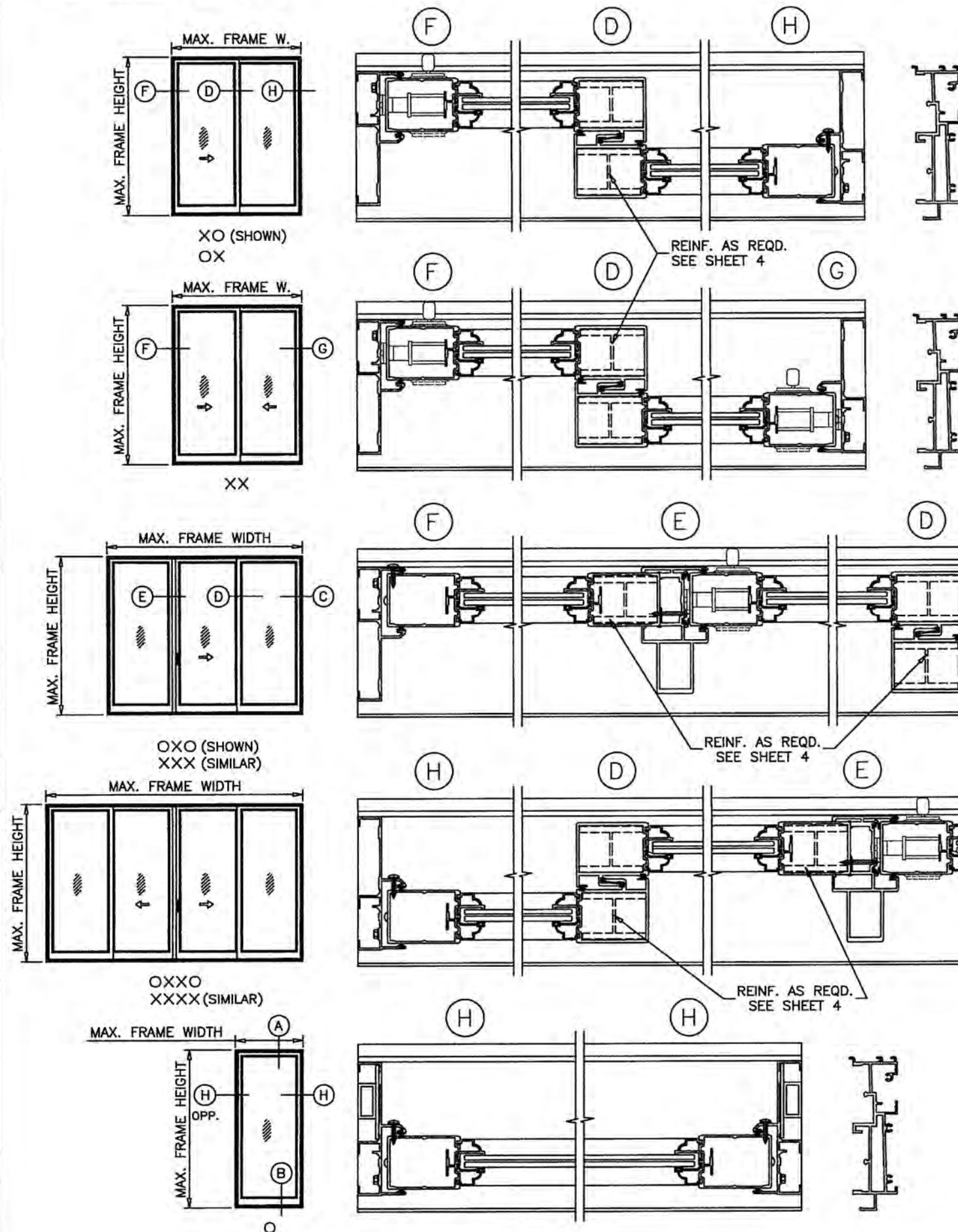
By
Miami-Dade Product Control

REVISION:
REVISED FOR 2020 FBC,
ADDED GEN. NOTES,
ANCHOR TYPE,
BACKBEDDING TYPES &
REFORMATTED - JR - 6/11/20

WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296	
560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)		06/10/2020		J ROSOWSKI	
ELEVATION AND GENERAL NOTES		Drawn By		A	
1 OF 15		No.		560-2T-SM-NOA	
2-TRACK, SMI		Sheet		Rev.	
SGD560A		Config.		A	
Series Desc.		Title			



APPROVED CONFIGURATIONS
NON-POCKETED DOORS



Over-all Door Frame Width based on Panel Width

Panel Width	2 Panel Door Frame Width	3 Panel Door Frame Width	4 Panel Door Frame Width	1 Fixed Panel Frame Width
24 1/4"	48"	73 1/2"	94 3/4"	26 3/4"
30 1/4"	60"	91 1/2"	118 3/4"	32 3/4"
36 1/4"	72"	109 1/2"	142 3/4"	38 3/4"
42 1/4"	84"	127 1/2"	166 3/4"	44 3/4"
48 1/4"	96"	145 1/2"	190 3/4"	50 3/4"
54 1/4"	108"	163 1/2"	214 3/4"	56 3/4"
60 1/4"	120"	181 1/2"	238 3/4"	62 3/4"

Formula to convert Door Width to Panel Width

For 2 Panel Doors: Door Width/2 + 1/4" = Panel Width
 For 3 Panel Doors: Door Width/3 - 1/4" = Panel Width
 For 4 Panel Doors: Door Width/4 + 9/16" = Panel Width
 For 1 Panel Doors: Door Width - 2 1/2" = Panel Width

Formula to convert Panel Width to Door Width

For 2 Panel Doors: Panel Width x 2 - 1/2" = Door Width
 For 3 Panel Doors: Panel Width x 3 + 3/4" = Door Width
 For 4 Panel Doors: Panel Width x 4 - 2 1/4" = Door Width
 For 1 Panel Doors: Panel Width + 2 1/2" = Door Width

Panel Height Formula

Door Height - 2 9/16" = Panel Height

D.L. OPENING

D.L.O. HEIGHT = DOOR HEIGHT - 13 5/16"

D.L.O. WIDTH = PANEL WIDTH - 8"

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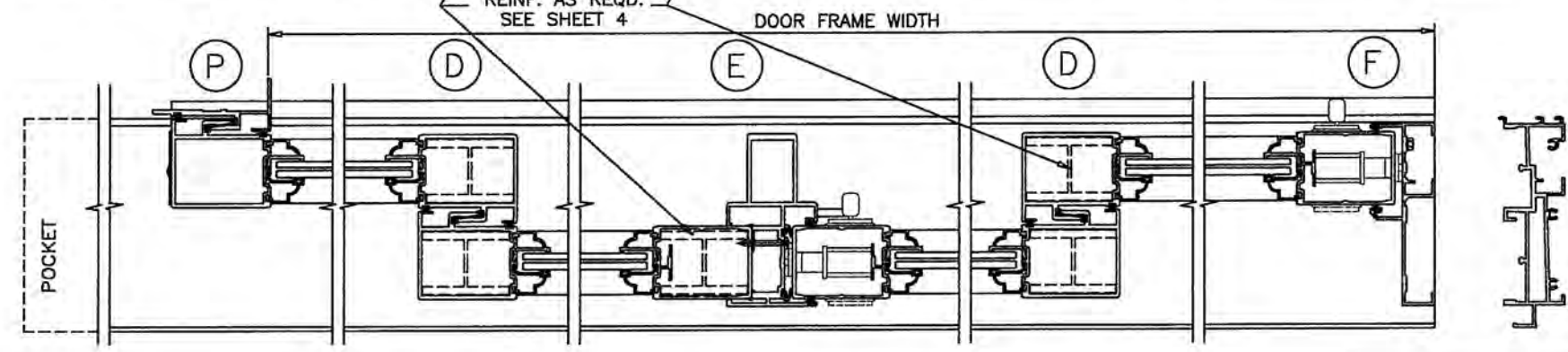
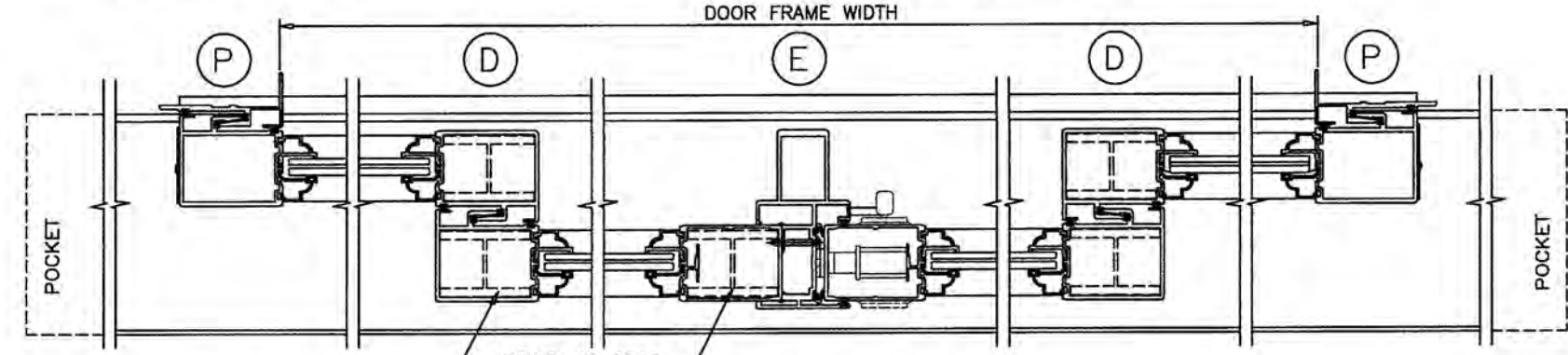
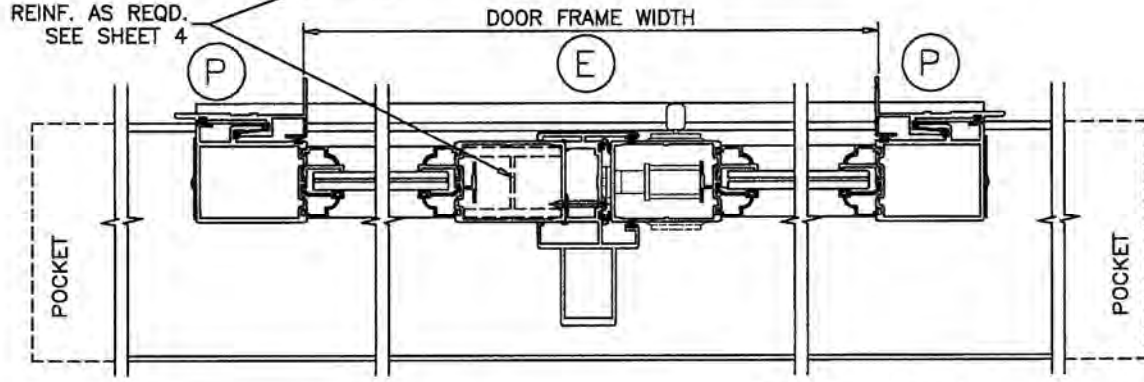
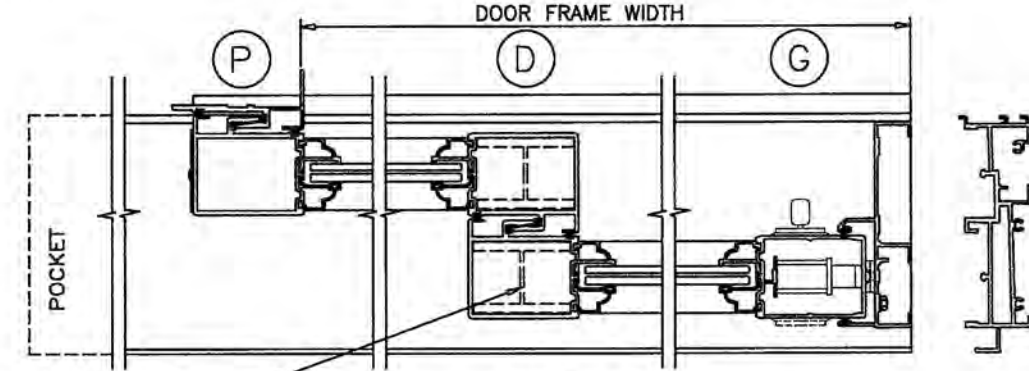
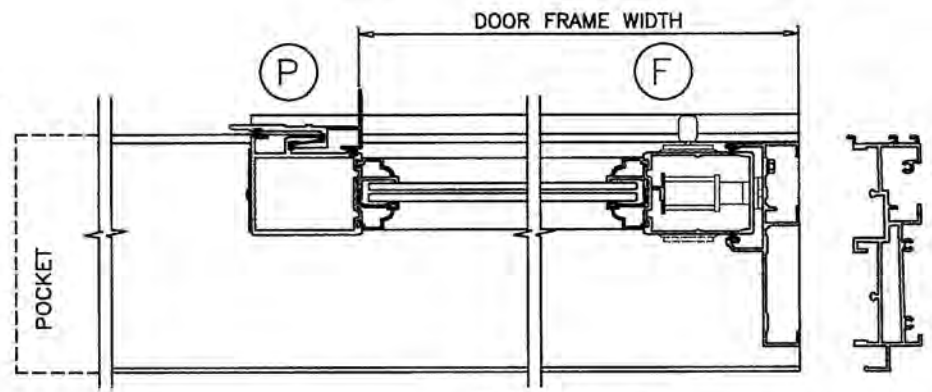
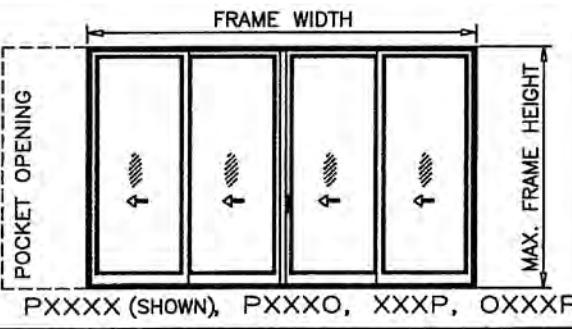
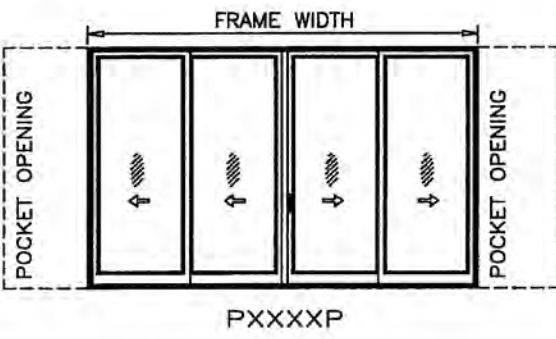
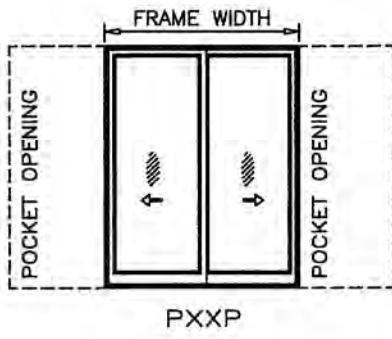
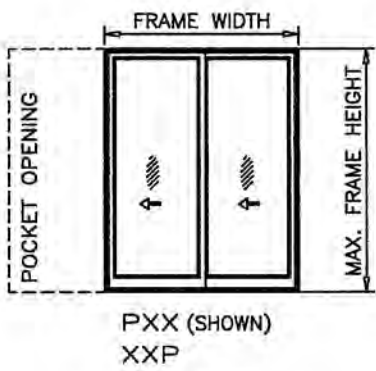
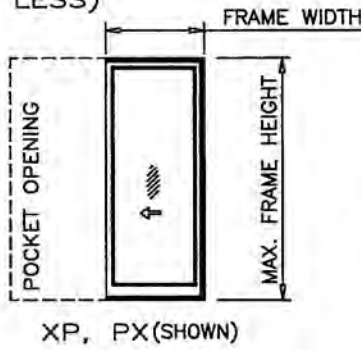
By
Miami-Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	06/10/2020	By	J. ROSOWSKI	Rev.	A
	Drawn				No.	560-2T-SM-NOA
	Sheet				DWG	2 OF 15
	Series				Config	SGD560A
560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI) X-SECTIONS, NON-POCKETED INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432						



APPROVED CONFIGURATIONS
POCKETED DOORS
(4 PANELS OR LESS)



Over-all Door Width based on Panel Width

Panel Width	PX, XP Door Width	PXX, XXP Door Width	PXXP Door Width	PXXXXP Door Width	PXXXX Door Width
24 1/4"	22 9/16"	43 13/16"	44 1/16"	86 5/8"	90 3/4"
30 1/4"	28 9/16"	55 13/16"	56 1/16"	110 5/8"	114 3/4"
36 1/4"	34 9/16"	67 13/16"	68 1/16"	134 5/8"	138 3/4"
42 1/4"	40 9/16"	79 13/16"	80 1/16"	158 5/8"	162 3/4"
48 1/4"	46 9/16"	91 13/16"	92 1/16"	182 5/8"	186 3/4"
54 1/4"	52 9/16"	103 13/16"	104 1/16"	206 5/8"	210 3/4"
60 1/4"	58 9/16"	115 13/16"	116 1/16"	230 5/8"	234 3/4"

Formula to convert Door Width to Panel Width

For PX: Door Width + 1 11/16" = Panel Width
For PXX: (Door Width + 4 11/16")/2 = Panel Width
For PXXP: (Door Width + 4 7/16")/2 = Panel Width
For PXXXXP: (Door Width + 10 3/8")/4 = Panel Width
For PXXXX: (Door Width + 6 1/4")/4 = Panel Width

Formula to convert Panel Width to Door Width

For PX: Panel Width - 1 11/16" = Door Width
For PXX: Panel Width x 2 - 4 11/16" = Door Width
For PXXP: Panel Width x 2 - 4 7/16" = Door Width
For PXXXXP: Panel Width x 4 - 10 3/8" = Door Width
For PXXXX: Panel Width x 4 - 6 1/4" = Door Width

Panel Height Formula

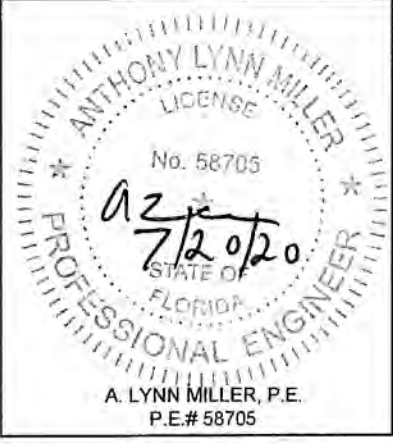
Door Height - 2 9/16" = Panel Height

D.L. OPENING
D.L.O HEIGHT = DOOR HEIGHT - 13 5/16"
D.L.O. WIDTH = PANEL WIDTH - 8"

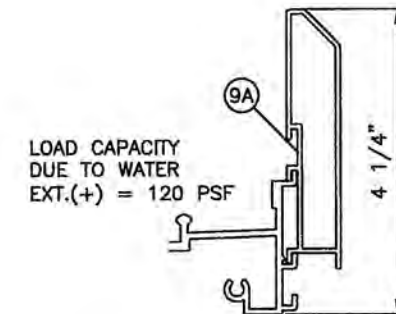
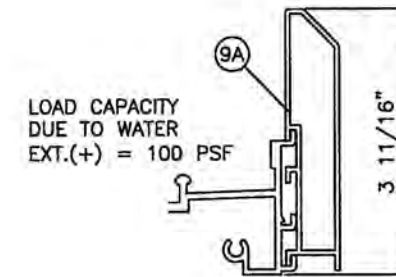
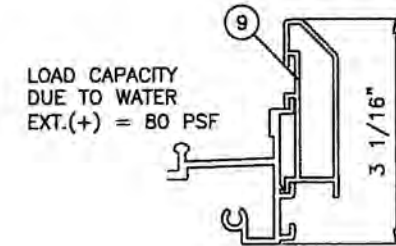
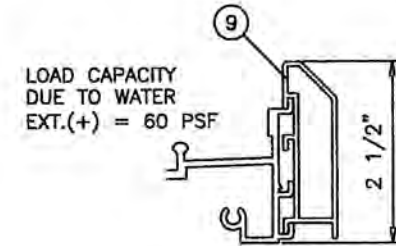
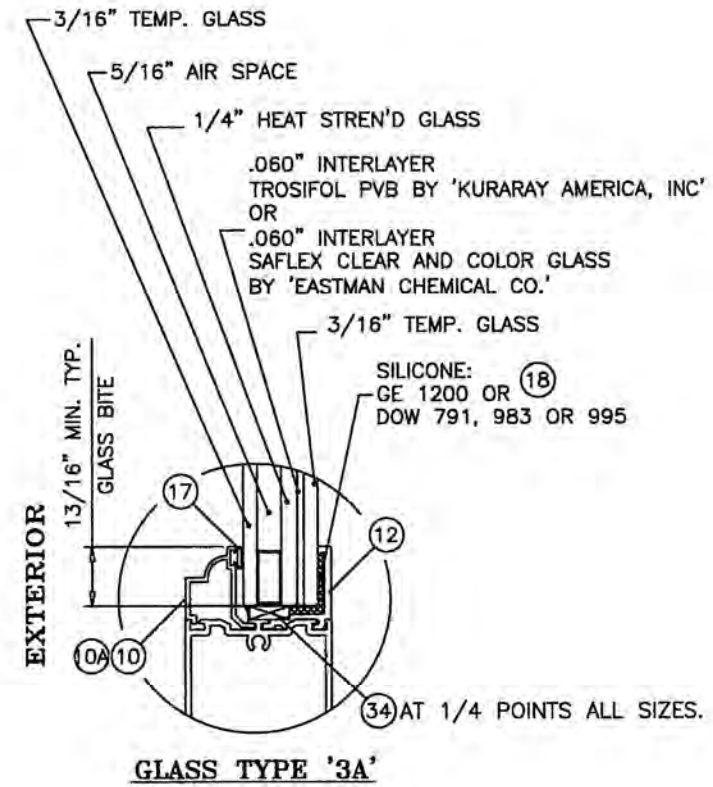
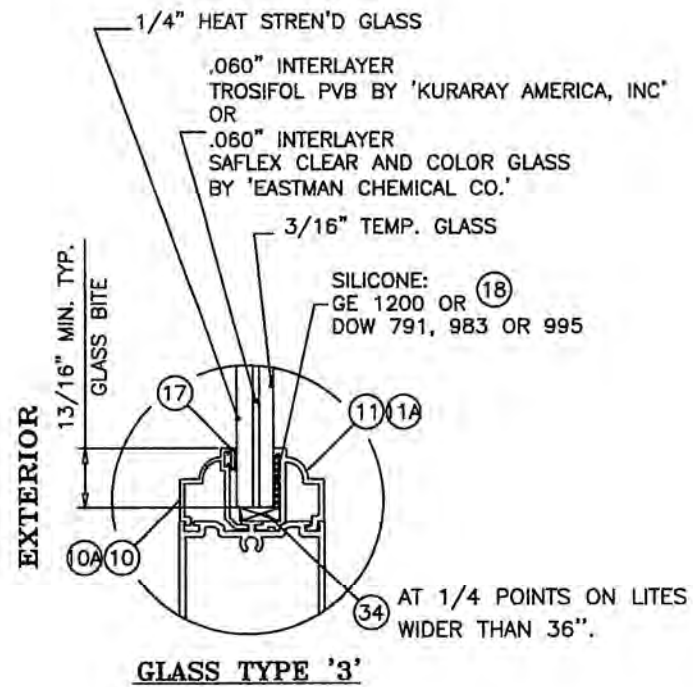
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Miami-Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	06/10/2020	By	J ROSOWSKI	Rev.	A
				Drawn			
				No.	560-2T-SM-NOA		
				DWG			
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432	560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)	X-SECTIONS - POCKETED	SGD560A	2-TRACK, SMI	3 OF 15	Sheet	



GLAZING OPTIONS



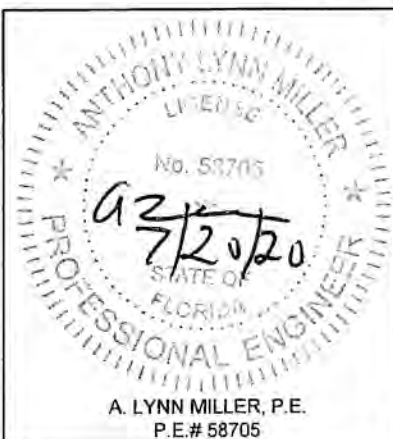
LOAD CAPACITIES SHOWN IN CHART ON
SHEET 4 ARE FOR DOORS USING 4-1/4"
SILL HEIGHTS. FOR DOORS USING LOWER
SILL HEIGHTS LIMIT EXTERIOR(+) LOADS AS
SHOWN ABOVE.

NOTE:
3/16" AND 1/4" PIECES OF GLASS ON THE 1/2" LAMINATED UNIT ARE INTERCHANGEABLE
(EX: 3/16" + 1/4" OR 1/4" + 3/16") LIMIT MAX PANEL AREA TO 40.2 SQ. FT.
FOR PANEL AREAS > 40.2 SQ. FT. LAMINATED PLIES MUST BE 1/4" + 3/16" (AS SHOWN IN DETAILS).

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Revision:
ADDED BACKBEDDING
TYPES - JR - 6/11/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	06/10/2020	Rev	A
		By	J ROSOWSKI	DWG	560-2T-SM-NOA
		GLAZING DETAILS			5 OF 15
		560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)			Sheet
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432	560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)	GLAZING DETAILS	SGD560A	2-TRACK, SMI	
				Config	
				Series	
				Desc.	



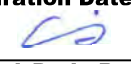
DESIGN LOAD CAPACITY – PSF (ANCHORS AT HEAD/SILL)																
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	ANCHORS TYPE 'A'			ANCH. TYPE 'B'		ANCH. TYPE 'A' & 'B'			ANCHORS TYPE 'A' & 'B'				ANCHORS TYPE 'C'		
		1/4" SHIM SPACE			1/4" SHIM		3/8" SHIM SPACE			1/2" SHIM SPACE				1/4" SHIM SPACE		
		CLUSTER OF			CLUSTER OF		CLUSTER OF			CLUSTER OF				CLUSTER OF		
		5	7	9	5	7	5	7	9	5	7	9	11	5	7	9
24-1/4	80	140.0	—	—	140.0	—	140.0	—	—	140.0	—	—	—	140.0	—	—
30-1/4		140.0	140.0	—	140.0	140.0	140.0	140.0	—	122.3	140.0	—	—	140.0	140.0	—
36-1/4		140.0	140.0	—	140.0	140.0	140.0	140.0	—	122.5	140.0	—	—	140.0	140.0	—
42-1/4		140.0	140.0	—	140.0	140.0	133.5	140.0	—	105.1	140.0	—	—	140.0	140.0	—
48-1/4		130.3	140.0	140.0	140.0	140.0	116.9	140.0	140.0	92.0	122.7	140.0	140.0	140.0	140.0	140.0
54-1/4		115.9	124.5	124.5	124.5	124.5	104.0	124.5	124.5	81.9	109.1	124.5	124.5	124.5	124.5	124.5
60-1/4		104.3	112.1	112.1	112.1	112.1	93.6	112.1	112.1	73.7	98.3	112.1	112.1	112.1	112.1	112.1
24-1/4	84	140.0	—	—	140.0	—	140.0	—	—	140.0	—	—	—	140.0	—	—
30-1/4		140.0	140.0	—	140.0	140.0	140.0	140.0	—	116.5	140.0	—	—	140.0	140.0	—
36-1/4		140.0	140.0	—	140.0	140.0	140.0	140.0	—	116.7	140.0	—	—	140.0	140.0	—
42-1/4		140.0	140.0	—	140.0	140.0	127.1	140.0	—	100.1	133.5	—	—	140.0	140.0	—
48-1/4		124.1	140.0	140.0	140.0	140.0	11.3	140.0	140.0	87.7	116.9	140.0	140.0	136.2	140.0	140.0
54-1/4		110.3	124.5	124.5	124.5	124.5	99.0	124.5	124.5	78.0	104.0	124.5	124.5	121.2	124.5	124.5
60-1/4		99.4	112.1	112.1	112.1	112.1	89.1	112.1	112.1	70.2	93.6	112.1	112.1	109.1	112.1	112.1
24-1/4	90	140.0	—	—	140.0	—	140.0	—	—	135.7	—	—	—	140.0	—	—
30-1/4		140.0	140.0	—	140.0	140.0	138.1	140.0	—	108.7	140.0	—	—	140.0	140.0	—
36-1/4		140.0	140.0	—	140.0	140.0	138.3	140.0	—	108.9	140.0	—	—	140.0	140.0	—
42-1/4		132.2	140.0	—	140.0	140.0	118.7	140.0	—	93.4	124.6	—	—	140.0	140.0	—
48-1/4		115.8	140.0	140.0	140.0	140.0	103.9	138.5	140.0	81.8	109.1	136.4	140.0	127.1	140.0	140.0
54-1/4		103.0	124.5	124.5	124.5	124.5	92.4	123.2	124.5	72.8	97.0	121.3	121.3	113.1	124.5	124.5
60-1/4		92.7	112.1	112.1	112.1	112.1	83.2	110.9	112.1	65.5	87.4	109.2	112.1	101.8	112.1	112.1
24-1/4	96	140.0	—	—	140.0	—	140.0	—	—	127.2	—	—	—	140.0	—	—
30-1/4		140.0	140.0	—	140.0	140.0	129.5	140.0	—	102.0	140.0	—	—	140.0	140.0	—
36-1/4		140.0	140.0	—	140.0	140.0	129.6	140.0	—	102.1	136.1	—	—	140.0	140.0	—
42-1/4		124.0	140.0	—	140.0	140.0	111.2	140.0	—	87.6	116.8	—	—	136.1	140.0	—
48-1/4		108.6	140.0	140.0	132.1	140.0	97.4	129.9	140.0	76.7	102.3	127.8	140.0	119.2	140.0	140.0
54-1/4		96.6	124.5	124.5	117.5	124.5	86.6	115.5	124.5	68.2	91.0	113.7	124.5	106.0	124.5	124.5
60-1/4		86.9	112.1	112.1	105.8	112.1	78.0	104.0	112.1	61.4	81.9	102.4	112.1	95.5	112.1	112.1
24-1/4	102	140.0	—	—	140.0	—	140.0	—	—	119.7	—	—	—	140.0	—	—
30-1/4		135.8	140.0	—	140.0	140.0	121.9	140.0	—	96.0	134.3	—	—	140.0	140.0	—
36-1/4		136.0	140.0	—	140.0	140.0	122.0	140.0	—	96.1	128.1	—	—	140.0	140.0	—
42-1/4		116.7	140.0	—	140.0	140.0	104.7	139.6	—	82.4	109.9	—	—	128.1	140.0	—
48-1/4		102.2	136.2	140.0	124.3	140.0	91.7	122.2	140.0	72.2	96.3	120.3	140.0	112.2	140.0	140.0
54-1/4		90.9	121.2	124.5	110.5	124.5	81.5	108.7	124.5	64.2	85.6	107.0	124.5	99.8	124.5	124.5
60-1/4		81.8	105.0	105.0	99.5	105.0	73.4	97.9	105.0	57.8	77.1	96.4	105.0	89.8	105.0	105.0
24-1/4	108	140.0	—	—	140.0	—	140.0	—	—	113.0	—	—	—	140.0	—	—
30-1/4		128.3	140.0	—	140.0	140.0	115.1	140.0	—	90.6	126.9	—	—	140.0	140.0	—
36-1/4		128.4	140.0	—	140.0	140.0	115.2	140.0	—	90.7	121.0	—	—	140.0	140.0	—
42-1/4		110.2	140.0	—	134.1	140.0	98.9	131.8	—	77.9	103.8	—	—	121.0	140.0	—
48-1/4		96.5	128.7	140.0	117.4	140.0	86.6	115.4	140.0	68.2	90.9	113.6	136.4	105.9	140.0	140.0
54-1/4		85.8	105.0	105.0	104.4	105.0	77.0	102.7	105.0	60.6	80.9	101.0	105.0	94.2	105.0	105.0
60-1/4		77.3	103.0	105.0	94.0	105.0	69.3	92.5	105.0	54.6	72.8	91.0	105.0	84.8	105.0	105.0
24-1/4	114	140.0	—	—	140.0	—	136.0	—	—	107.1	—	—	—	140.0	—	—
30-1/4		121.5	140.0	—	140.0	140.0	109.0	140.0	—	85.9	120.2	—	—	133.4	140.0	—
36-1/4		121.7	140.0	—	140.0	140.0	109.2	140.	—	86.0	114.6	—	—	133.6	140.0	—
42-1/4		104.4	139.2	—	127.0	140.0	93.7	124.9	—	73.8	98.3	—	—	114.6	140.0	—
48-1/4		91.4	121.9	140.0	111.2	140.0	82.0	109.4	136.7	64.6	86.1	107.6	1292	100.4	133.8	140.0
54-1/4		81.3	105.0	105.0	98.9	105.0	73.0	97.3	105.0	57.4	76.6	95.7	105.0	89.3	105.0	105.0
60-1/4		73.2	97.6	105.0	89.1	105.0	65.7	87.6	105.0	51.7	69.0	86.2	103.5	80.4	105.0	105.0
24-1/4	120	140.0	—	—	140.0	—	129.2	—	—	101.7	—	—	—	140.0	—	—
30-1/4		115.4	140.0	—	140.0	140.0	103.6	140.0	—	81.6	114.2	—	—	126.7	140.0	—
36-1/4		115.6	140.0	—	140.0	140.0	103.7	138.3	—	81.7	108.9	—	—	126.9	140.0	—
42-1/4		99.2	132.2	—	120.7	140.0	89.0	118.7	—	70.1	93.4	—	—	106.9	140.0	—
48-1/4		86.8	115.8	140.0	105.6	140.0	77.9	103.9	129.9	61.4	81.8	102.3	122.7	95.4	127.1	140.0
54-1/4		77.2	103.0	105.0	94.0	105.0	69.3	92.4	105.0	54.6	72.8	91.0	105.0	84.8	105.0	105.0
60-1/4		69.6	92.7	105.0	84.6	105.0	62.4	83.2	104.0	49.1	65.5	81.9	98.3	76.4	101.8	105.0

INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ACCEPTABLE

NOTE:
SEE SHEET 9 FOR ANCHOR TYPES
AND DETAILS.
ANCHOR CAPACITIES LISTED ON THIS
SHEET TO BE USED IN CONJUNCTION
WITH GLASS/REINFORCING AND MULLION
CHARTS IN THIS DOCUMENT.
LOWER APPLICABLE VALUES CONTROL.

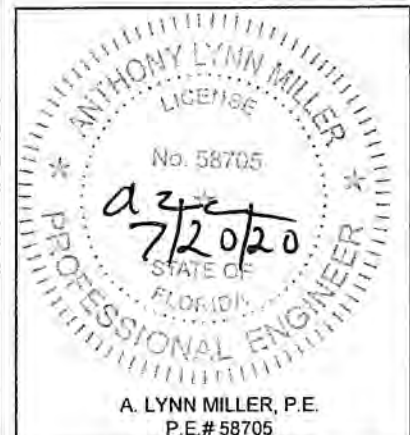
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.09**

Expiration Date **06/26/2023**

By 
Miami-Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	06/10/2020 Date By J ROSOWSKI	560-2T-SM-NOA A	6 OF 15	2-TRACK, SMI	SGD560A	DP FOR ANCHORS A, B & C	560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)	104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432	WINDOOR® INCORPORATED	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	Rev.
											Rev.
											Rev.
											Rev.



A. LYNN MILLER, P.E.
P.E.# 58705

DESIGN LOAD CAPACITY - PSF (ANCHORS AT HEAD/SILL)													
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	ANCHORS TYPE 'D'			ANCH. TYPE 'E'		ANCH. TYPE 'D' & 'E'			ANCHORS TYPE 'D' & 'E'			
		1/4" SHIM SPACE			1/4" SHIM		3/8" SHIM SPACE			1/2" SHIM SPACE			
		CLUSTER OF			CLUSTER OF		CLUSTER OF			CLUSTER OF			
		5	7	9	5	7	5	7	9	5	7	9	11
24-1/4	80	140.0	-	-	140.0	-	140.0	-	-	140.0	-	-	-
30-1/4		140.0	140.0	-	140.0	140.0	140.0	140.0	-	117.3	140.0	-	-
36-1/4		140.0	140.0	-	140.0	140.0	140.0	140.0	-	117.4	140.0	-	-
42-1/4		140.0	140.0	-	140.0	140.0	128.8	140.0	-	100.8	134.4	-	-
48-1/4		127.6	140.0	140.0	140.0	140.0	112.8	140.0	140.0	88.2	117.6	140.0	140.0
54-1/4		113.5	124.5	124.5	124.5	124.5	100.3	124.5	124.5	78.5	104.6	124.5	124.5
60-1/4		102.2	112.1	112.1	112.1	112.1	90.3	112.1	112.1	70.7	94.2	112.1	112.1
24-1/4	84	140.0	-	-	140.0	-	140.0	-	-	139.3	-	-	-
30-1/4		140.0	140.0	-	140.0	140.0	140.0	140.0	-	111.7	140.0	-	-
36-1/4		140.0	140.0	-	140.0	140.0	140.0	140.0	-	11.9	140.0	-	-
42-1/4		138.8	140.0	-	140.0	140.0	122.7	140.0	-	96.0	128.0	-	-
48-1/4		121.5	140.0	140.0	140.0	140.0	107.4	140.0	140.0	84.0	112.0	140.0	140.0
54-1/4		108.1	124.5	124.5	124.5	124.5	95.6	124.5	124.5	74.7	99.7	124.5	124.5
60-1/4		97.3	112.1	112.1	112.1	112.1	86.0	112.1	112.1	67.3	89.7	112.1	112.1
24-1/4	90	140.0	-	-	140.0	-	140.0	-	-	130.0	-	-	-
30-1/4		140.0	140.0	-	140.0	140.0	133.3	140.0	-	104.3	140.0	-	-
36-1/4		140.0	140.0	-	140.0	140.0	133.5	140.0	-	104.4	139.2	-	-
42-1/4		129.5	140.0	-	140.0	140.0	114.5	140.0	-	89.6	119.4	-	-
48-1/4		113.4	140.0	140.0	133.7	140.0	100.3	133.7	140.0	78.4	104.6	130.7	140.0
54-1/4		100.9	124.5	124.5	118.9	124.5	89.2	118.9	124.5	69.8	93.0	116.3	124.5
60-1/4		90.8	112.1	112.1	107.1	112.1	80.3	107.1	112.1	62.8	83.7	104.7	112.1
24-1/4	96	140.0	-	-	140.0	-	140.0	-	-	121.9	-	-	-
30-1/4		140.0	140.0	-	140.0	140.0	125.0	140.0	-	97.7	136.8	-	-
36-1/4		140.0	140.0	-	140.0	140.0	125.1	10.0	-	97.9	130.5	-	-
42-1/4		121.4	140.0	-	140.0	140.0	107.4	140.0	-	84.0	112.0	-	-
48-1/4		106.3	10.0	140.0	125.3	140.0	94.0	125.3	140.0	73.5	98.0	122.5	140.0
54-1/4		94.6	124.5	124.5	111.5	124.5	83.6	111.5	124.5	65.4	87.2	109.0	124.5
60-1/4		85.1	112.1	112.1	100.4	112.1	75.3	100.4	112.1	58.9	78.5	98.1	112.1
24-1/4	102	140.0	-	-	140.0	-	140.0	-	-	114.7	-	-	-
30-1/4		133.0	140.0	-	140.0	140.0	117.6	140.0	-	92.0	128.8	-	-
36-1/4		133.2	140.0	-	140.0	140.0	117.8	140.0	-	92.1	122.8	-	-
42-1/4		114.3	140.0	-	134.7	140.0	101.0	134.7	-	79.0	105.4	-	-
48-1/4		100.1	133.4	140.0	118.0	140.0	88.5	118.0	140.0	69.2	92.3	115.3	138.4
54-1/4		89.0	118.7	124.5	104.9	124.5	78.7	104.9	124.5	61.6	82.1	102.6	123.1
60-1/4		80.1	105.0	105.0	94.5	105.0	70.9	94.5	105.0	55.4	73.9	92.4	105.0
24-1/4	108	140.0	-	-	140.0	-	138.6	-	-	108.4	-	-	-
30-1/4		125.6	140.0	-	140.0	140.0	111.1	140.0	-	86.9	121.6	-	-
36-1/4		125.8	140.0	-	140.0	140.0	111.2	140.0	-	87.0	116.0	-	-
42-1/4		107.9	140.0	-	127.2	140.0	95.4	127.2	-	74.6	99.5	-	-
48-1/4		94.5	126.0	140.0	111.4	140.0	83.6	111.4	139.3	65.4	87.1	108.9	130.7
54-1/4		84.1	105.0	105.0	99.1	105.0	74.3	99.1	105.0	58.1	77.5	86.9	105.0
60-1/4		75.7	100.9	105.0	89.2	105.0	66.9	89.2	105.0	52.3	69.8	87.2	104.7
24-1/4	114	140.0	-	-	140.0	-	131.3	-	-	102.7	-	-	-
30-1/4		119.0	140.0	-	140.0	140.0	105.2	140.0	-	82.3	115.2	-	-
36-1/4		119.2	140.0	-	140.0	140.0	105.4	140.0	-	82.4	109.9	-	-
42-1/4		102.2	136.3	-	120.5	140.0	90.4	120.5	-	70.7	94.3	-	-
48-1/4		89.5	119.4	140.0	105.6	140.0	79.2	105.6	131.9	61.9	82.6	103.2	123.8
54-1/4		79.6	105.0	105.0	93.9	105.0	70.4	93.9	105.0	55.1	73.4	91.8	105.0
60-1/4		71.7	95.6	105.0	84.5	105.0	63.4	84.5	105.0	49.6	66.1	82.6	99.2
24-1/4	120	140.0	-	-	140.0	-	124.7	-	-	97.5	-	-	-
30-1/4		113.1	140.0	-	133.3	140.0	100.0	140.0	-	78.2	109.5	-	-
36-1/4		113.2	140.0	-	133.5	140.0	100.1	133.5	-	78.3	104.4	-	-
42-1/4		97.1	129.5	-	114.5	140.0	85.9	114.5	-	67.2	89.6	-	-
48-1/4		85.1	113.4	140.0	100.3	133.7	75.2	100.3	125.3	58.8	78.4	98.0	117.6
54-1/4		75.6	100.9	105.0	89.2	105.0	66.9	89.2	105.0	52.3	69.8	87.2	104.6
60-1/4		68.1	90.8	105.0	80.3	105.0	60.2	80.3	100.4	47.1	62.8	78.5	94.2

INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ACCEPTABLE

NOTE:

SEE SHEET 9 FOR ANCHOR TYPES
AND DETAILS.

ANCHOR CAPACITIES LISTED ON THIS
SHEET TO BE USED IN CONJUNCTION
WITH GLASS/REINFORCING AND MULLION
CHARTS IN THIS DOCUMENT.

LOWER APPLICABLE VALUES CONTROL.

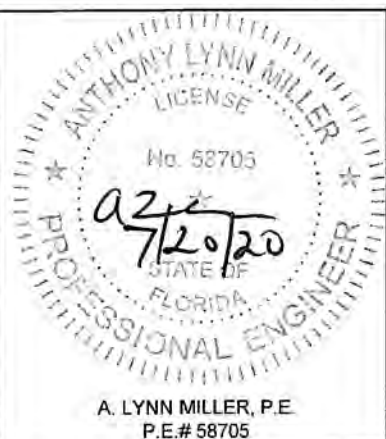
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.09**

Expiration Date **06/26/2023**

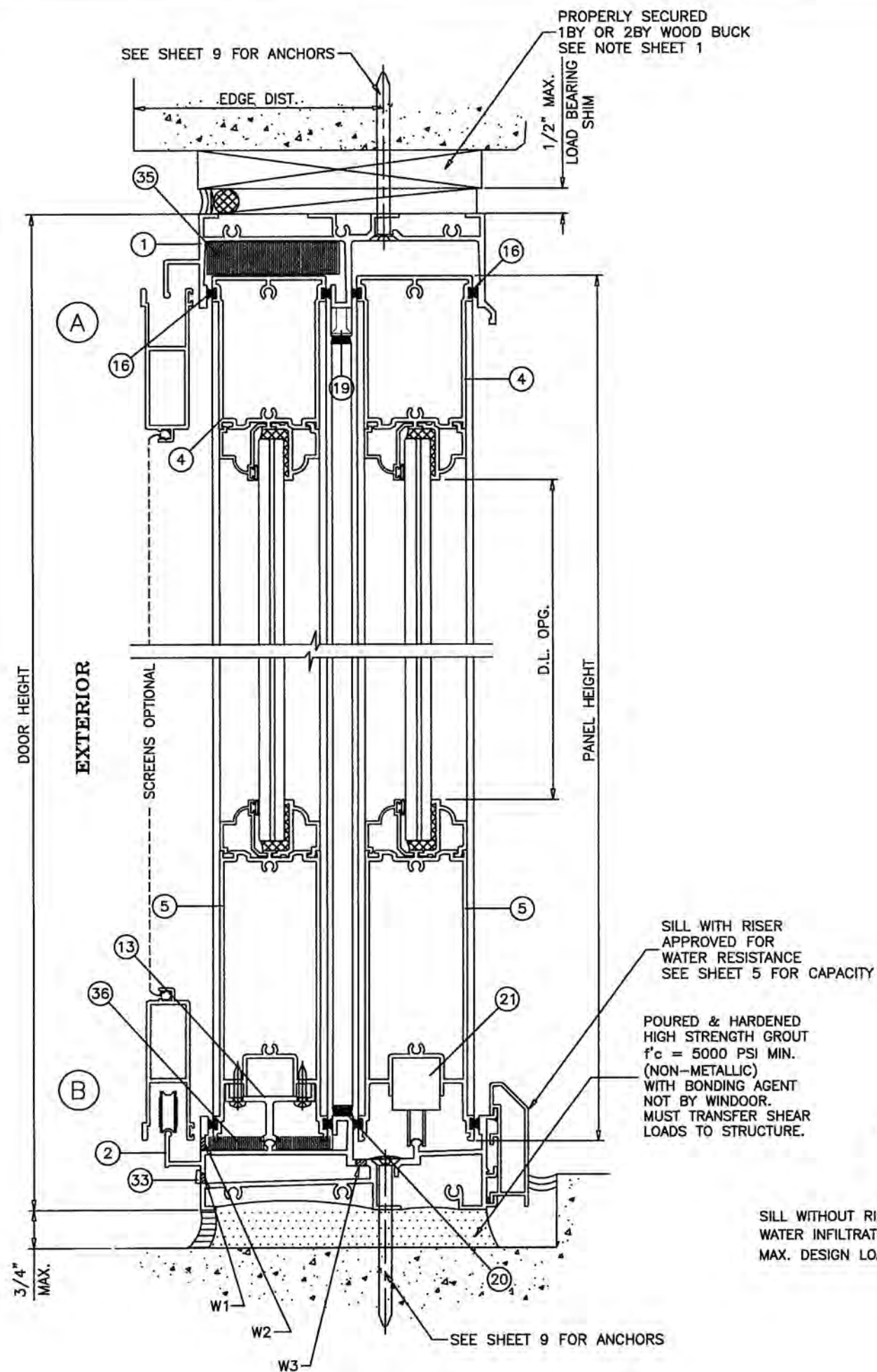
By 
Miami-Dade Product Control

Revision:

WINDOOR® INCORPORATED		104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296	
560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)		Date		06/10/2020			
DP FOR ANCHORS TYPE D & E		Drawn By		J ROSOWSKI			
SGD560A		Contig		2-TRACK, SMI		Sheet	
7 OF 15		DWG No.		560-2T-SM-NOA-A		Rev.	



A. LYNN MILLER, P.E.
P.E.# 58705



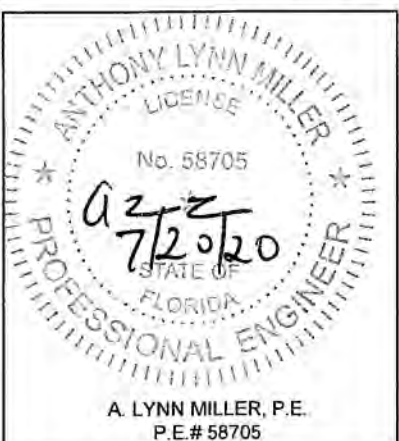
WEEPS:

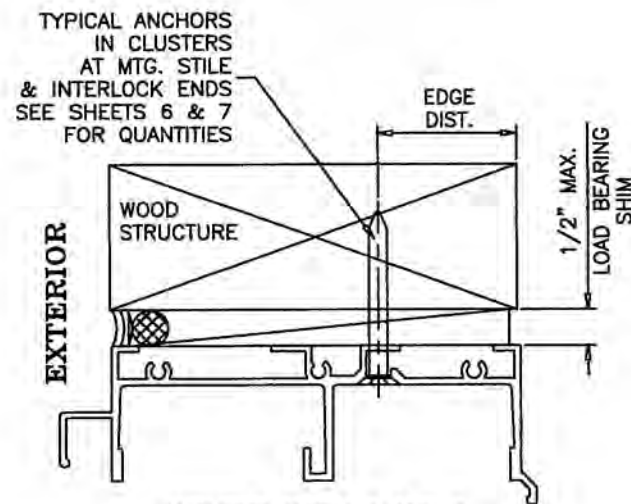
- W1 = .30" X 1-5/8" WEEP SLOTS WITH PLASTIC COVER
AT 9" FROM EACH END AND ±48" O.C.
- W2 = 1/4" X 2" WEEP SLOTS
AT 4" FROM EACH END AND ±12" O.C.
- W3 = 1/4" X 5/8" WEEP HOLES
AT 9" FROM EACH END AND ±48" O.C.

1BY OR 2BY WOOD BUCKS AND METAL STRUCTURES, NOT BY WINDOOR AND MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

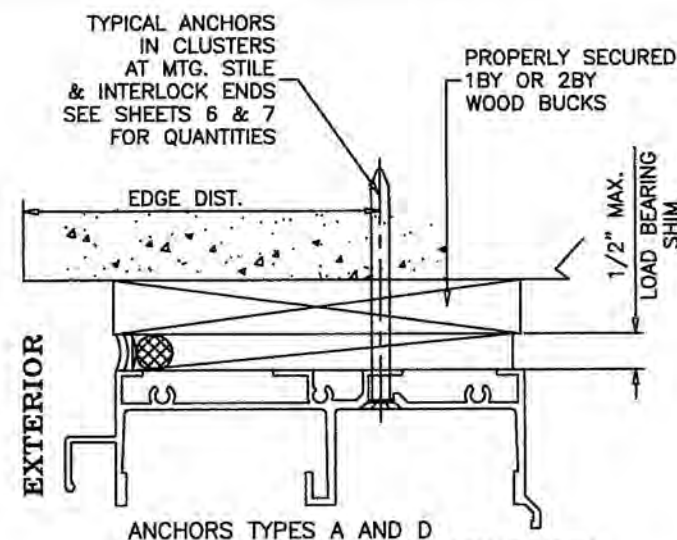
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.09**
Expiration Date **06/26/2023**
By
Miami-Dade Product Control

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	06/10/2020	By	J ROSOWSKI	DWG No.	560-2T-SM-NOA-A	Rev.	A
	Sheet	8 OF 15	Config	2-TRACK, SMI	Series	SGD560A	Desc.	INSTALLATION DETAILS
	Title	560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)	Desc.	560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)	Series	SGD560A	Desc.	INSTALLATION DETAILS
	Series	560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)	Desc.	560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)	Series	SGD560A	Desc.	INSTALLATION DETAILS

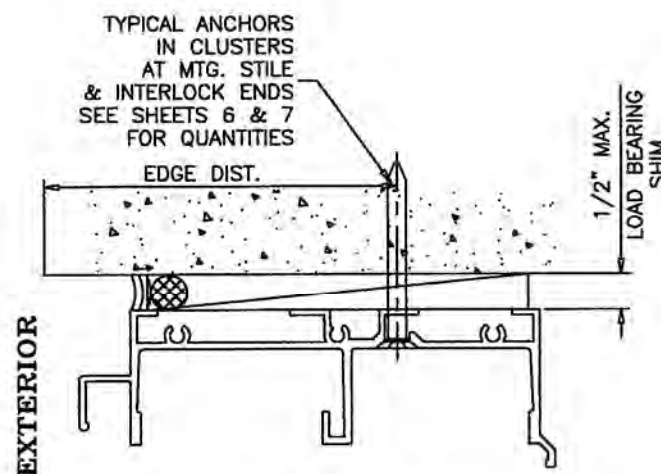




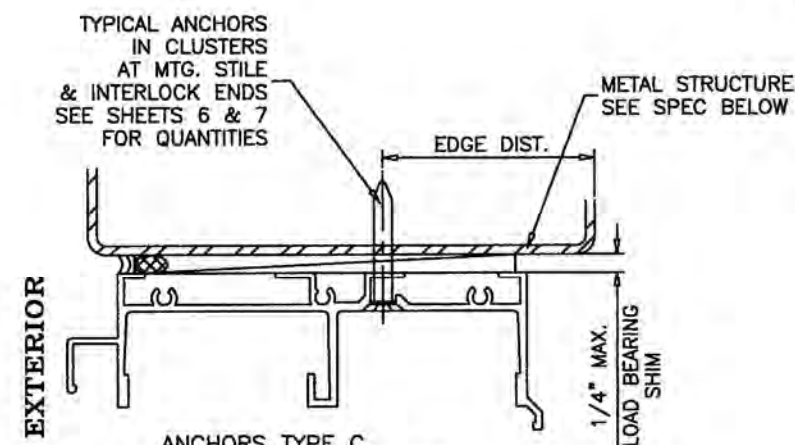
ANCHORS TYPES A AND D INTO WOOD STRUCTURES



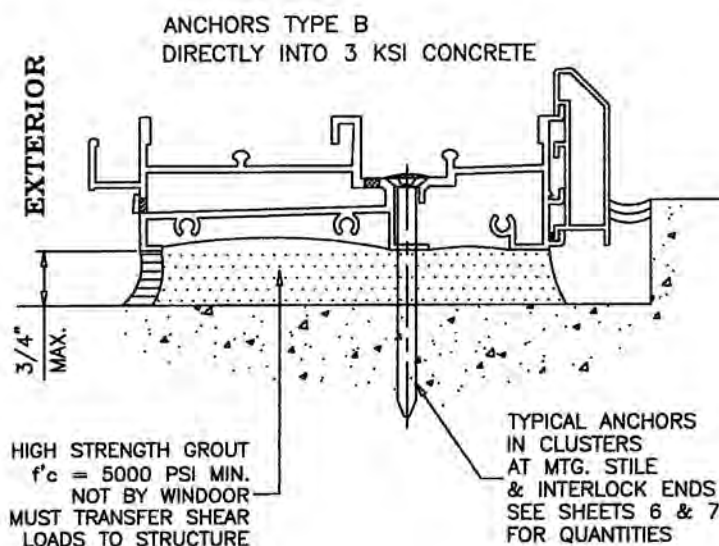
ANCHORS TYPES A AND D THRU PROPERLY SECURED 1BY OR 2BY WOOD BUCKS INTO 3 KSI CONCRETE



ANCHORS TYPES B AND E DIRECTLY INTO 3 KSI CONCRETE



ANCHORS TYPE C INTO METAL STRUCTURES OR APPROVED MULLIONS



1BY OR 2BY WOOD BUCKS AND METAL STRUCTURES, NOT BY WINDOOR AND MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- TYPE 'A' - 5/16" DIA ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI) INTO WOOD STRUCTURES WITH 2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS/SILL) THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR BLOCKS WITH 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL) WITH 1-3/8" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)
- TYPE 'B' - 5/16" DIA ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI) DIRECTLY INTO CONC. OR BLOCKS 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL) 1-3/4" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)
- TYPE 'C' - #14 SMS OR SELF DRILLING SCREWS ST/ST (GRADE 2 CRS) INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/JAMBS) (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS STEEL : 12 GA. MIN. ($F_y = 36$ KSI MIN.) ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
- TYPE 'D' - 1/4" DIA HILTI KWIK-CON II ($F_u=138$ KSI, $F_y=137$ KSI) INTO WOOD STRUCTURES WITH 2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS/SILL) THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR BLOCKS WITH 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL) WITH 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
- TYPE 'E' - 1/4" DIA HILTI KWIK-CON II ($F_u=138$ KSI, $F_y=137$ KSI) DIRECTLY INTO CONCRETE OR BLOCKS WITH 2" MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL) WITH 2" MIN. EMBED INTO BLOCKS (JAMBS)
- 1/4" DIA DEWALT ULTRACON+ ($F_u=164$ KSI, $F_y=148$ KSI) 1/4" MAX. SHIM SPACE DIRECTLY INTO CONCRETE OR HOLLOW CMU WITH 1-3/4" MIN. EMBED INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO HOLLOW CMU THRU 1BY WOOD BUCKS INTO CONCRETE OR HOLLOW CMU WITH 1-3/4" MIN. EMBED INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO HOLLOW CMU

ANCHOR EDGE DISTANCES

- INTO CONCRETE AND MASONRY = 2-1/2" MIN. (1/4" ANCHOR)
= 3-1/8" MIN. (5/16" ANCHOR)
- INTO WOOD STRUCTURE = 1" MIN. (1/4" ANCHOR)
= 1-1/4" MIN. (5/16" ANCHOR)
- INTO METAL STRUCTURE = 1/2" 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.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.09**

Expiration Date **06/26/2023**

By
Miami-Dade Product Control

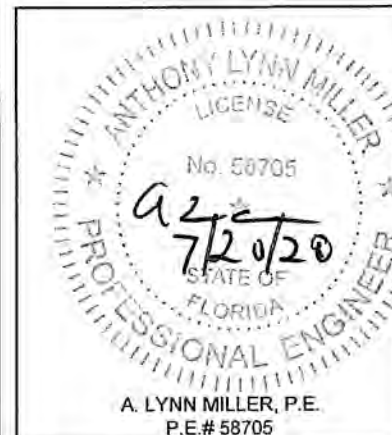
ADDED ANCHOR TYPE
- JR - 6/11/20

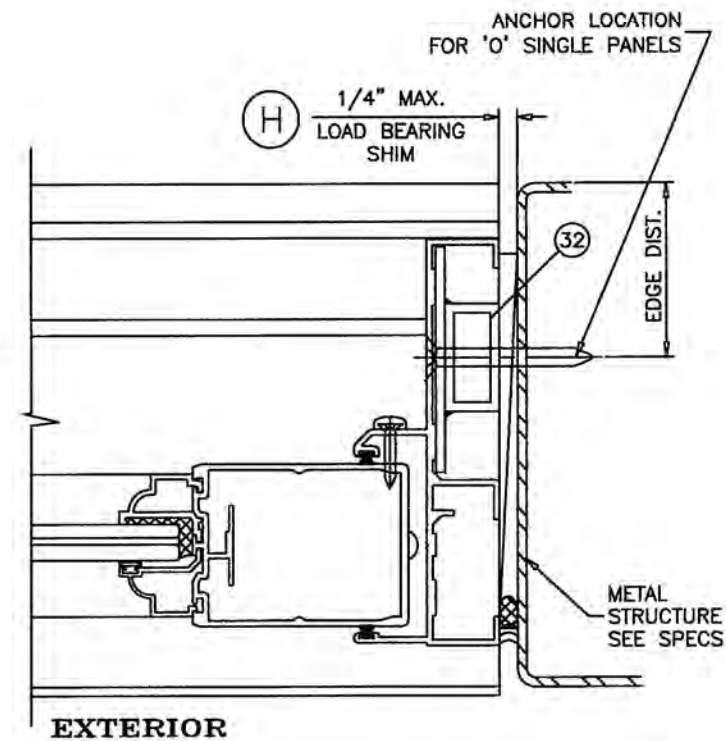
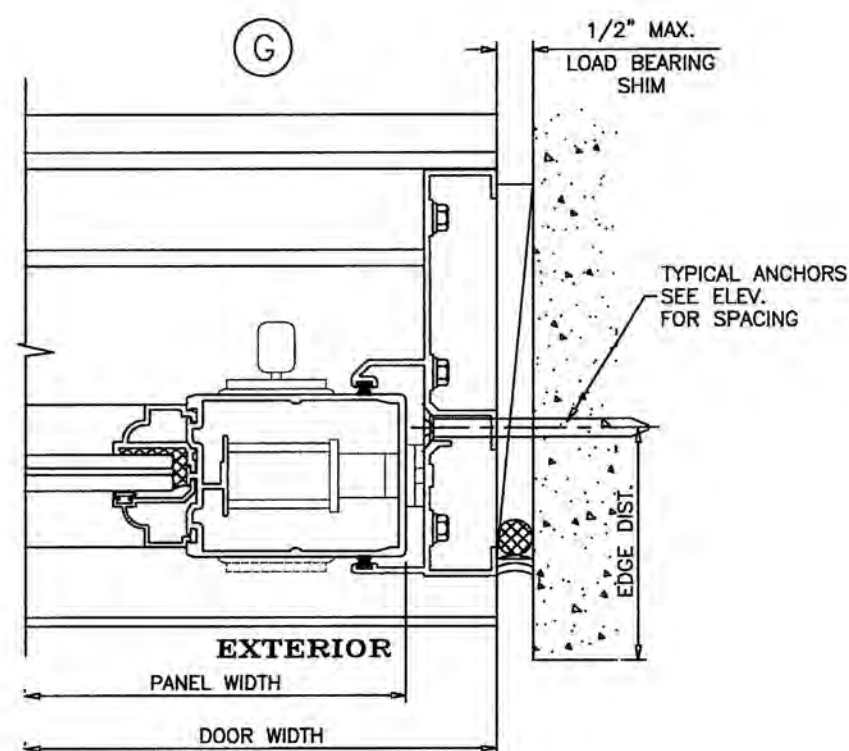
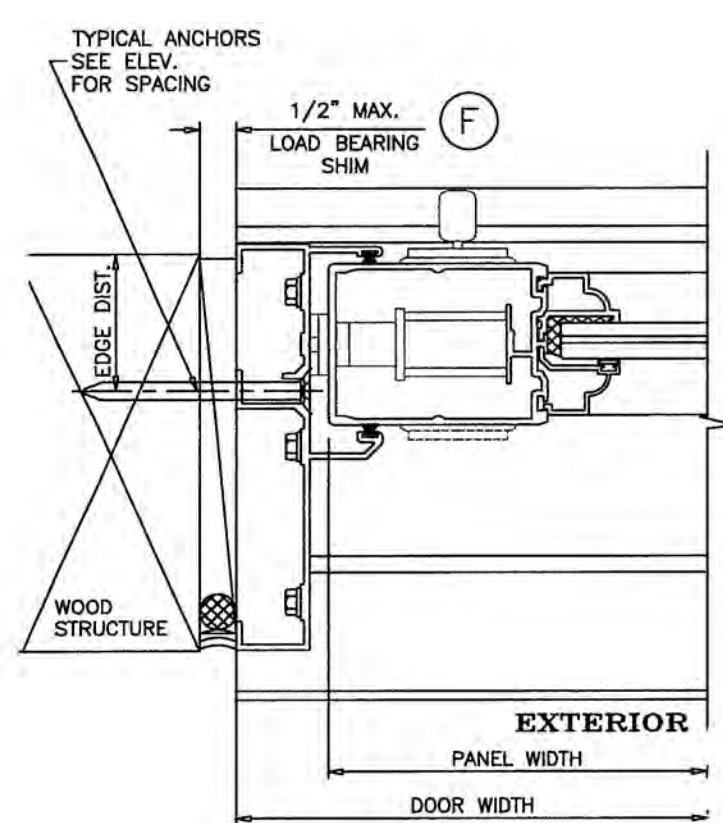
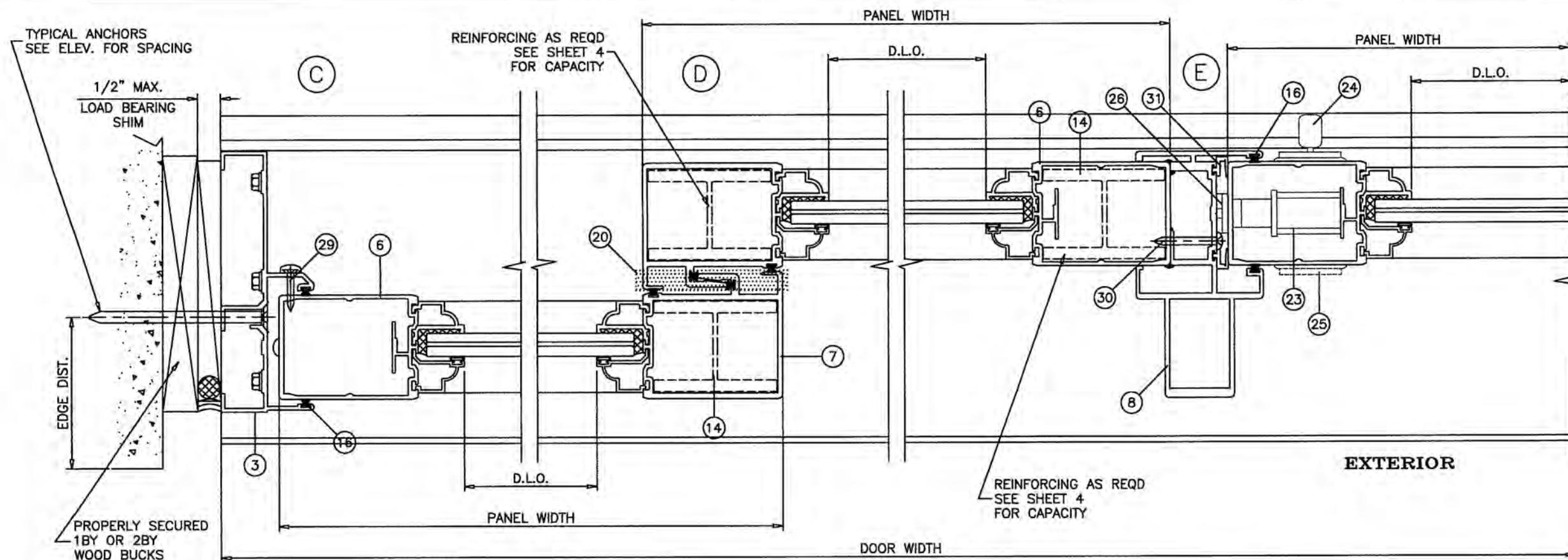
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

WINDOOR®
INCORPORATED
104 TRIPLE DIAMOND BLVD.
N. VENICE, FL 34275
(833) 554-5432

Rev.	By	Date	Sheet	Series
A	J ROSOWSKI	06/10/2020	9 OF 15	SGD560A
Rev.	Drawn	No.	DWG	Config
		560-2T-SM-NOA		2-TRACK, SMI
INSTALLATION DETAILS				
560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)				





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

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.09**
Expiration Date **06/26/2023**
By
Miami-Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

Date 06/10/2020

By J ROSOWSKI

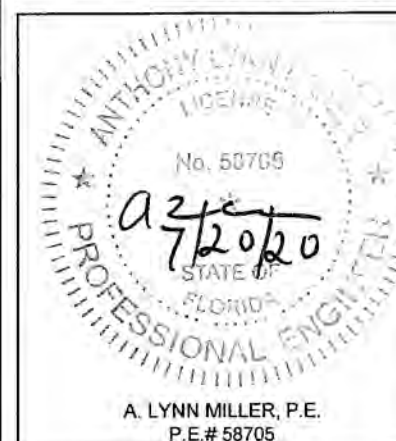
Rev. A

WINDOOR®
INCORPORATED
104 TRIPLE DIAMOND BLVD.
N. VENICE, FL 34275
(833) 554-5432

560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)

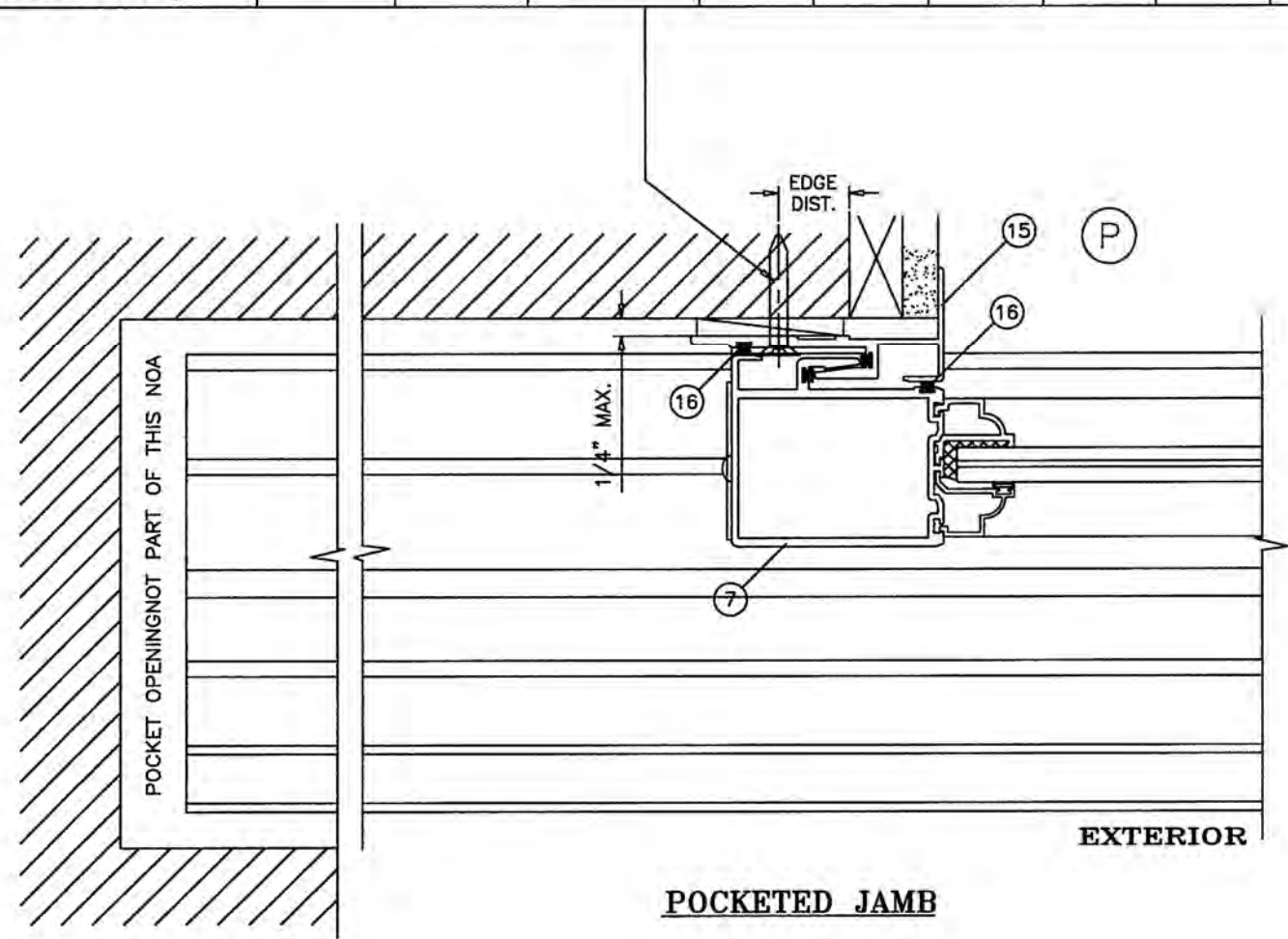
INSTALLATION DETAILS

SGD560A 2-TRACK, SMI



POCKET HOOK ANCHOR CAPACITY - PSF													
ANCHORS TYPE	SUBSTRATE	MIN. EMBED.	MIN. EDGE DIST.	PANEL WIDTHS									
				36-1/4"		42-1/4"		48-1/4"		54-1/4"		60-1/4"	
				EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
1/4" DIA. ULTRACONS+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI) OR 1/4" DIA. ULTRACONS BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)	MASONRY	1-1/4"	1"	55.8	55.8	48.0	48.0	41.9	41.9	37.3	37.3	33.6	33.6
	CONCRETE	1-3/4"	1"	120.0	140.0	120.0	140.0	120.0	138.0	120.0	122.5	110.3	110.3
#14 SMS (GRADE 2 OR 5 CRS)	WOOD	1-3/4	3/4"	120.0	140.0	120.0	140.0	120.0	131.0	116.5	116.5	104.9	104.9

ABOVE CHART IS FOR 12" TYP. ANCHOR SPACING
 FOR 6" SPACING MULTIPLY CAPACITY X2.



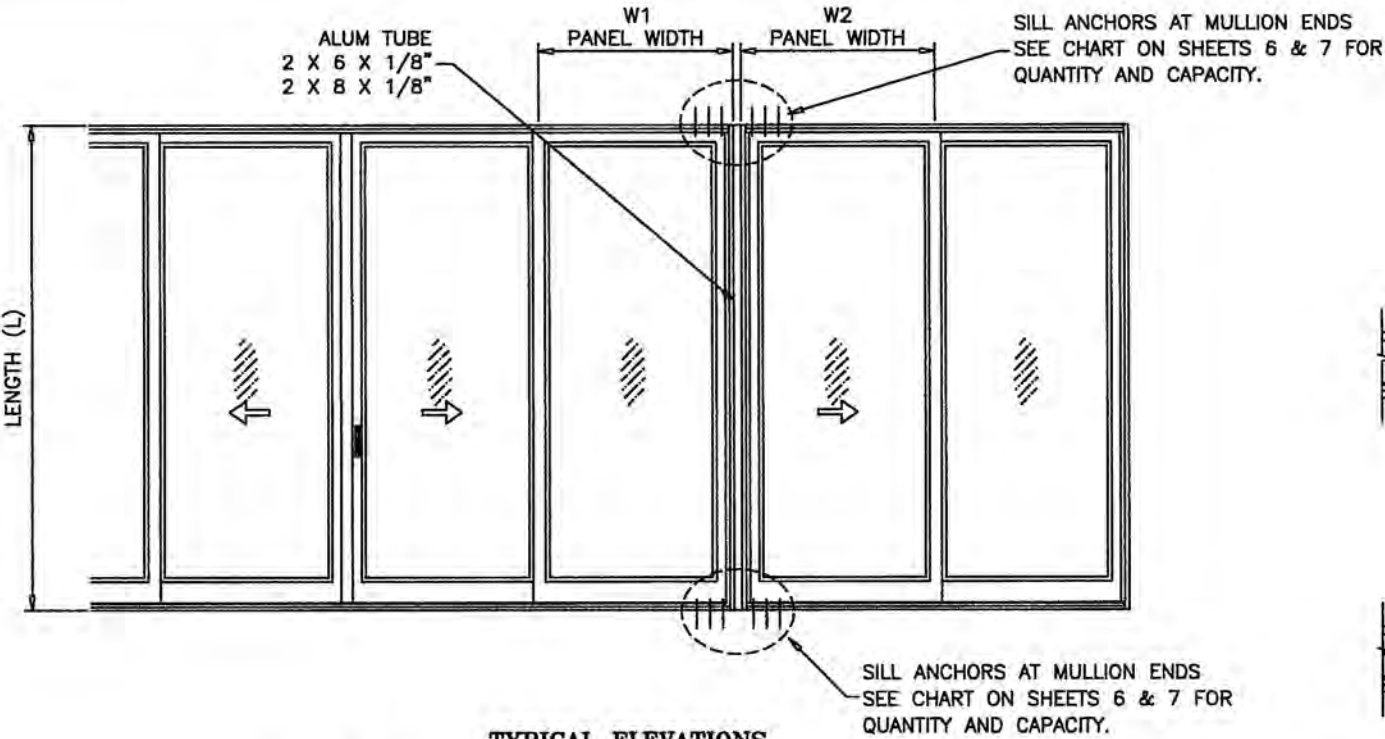
PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. **20-0729.09**
 Expiration Date **06/26/2023**
 By
 Miami-Dade Product Control

Revision: ADDED ANCHOR TYPE
 - JR - 6/11/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	06/10/2020	By	J ROSOWSKI	Rev.	A
	DWG No.	560-2T-SM-NOA				
	Sheet	11 OF 15				
	Config	SGD560A	2-TRACK, SMI			
560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI) INSTALLATION DETAILS, POCKET		Series Desc. Title SGD560A 2-TRACK, SMI				

A. LYNN MILLER, P.E.
 P.E.# 58705

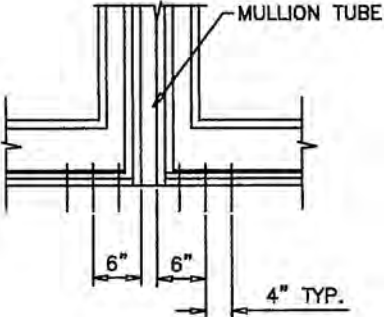
MULLION LOAD CAPACITY - PSF			
DIMS.		2 X 6 X 1/8"	2 X 8 X 1/8"
WIDTH (W) INCHES	LENGTH (L) INCHES	EXT.(+) INT.(-)	EXT.(+) INT.(-)
26-1/4	84	140.0	140.0
32-1/4		140.0	140.0
38-1/4		140.0	140.0
44-1/4		140.0	140.0
50-1/4		140.0	140.0
56-1/4		140.0	140.0
62-1/4		140.0	140.0
26-1/4	90	140.0	140.0
32-1/4		140.0	140.0
38-1/4		140.0	140.0
44-1/4		140.0	140.0
50-1/4		140.0	140.0
56-1/4		140.0	140.0
62-1/4		136.0	140.0
26-1/4	96	140.0	140.0
32-1/4		140.0	140.0
38-1/4		140.0	140.0
44-1/4		140.0	140.0
50-1/4		138.8	140.0
56-1/4		124.0	140.0
62-1/4		112.1	140.0
26-1/4	102	140.0	140.0
32-1/4		140.0	140.0
38-1/4		140.0	140.0
44-1/4		131.4	140.0
50-1/4		115.7	140.0
56-1/4		103.4	140.0
62-1/4		93.4	130.8
26-1/4	108	140.0	140.0
32-1/4		140.0	140.0
38-1/4		128.1	140.0
44-1/4		110.7	140.0
50-1/4		97.5	140.0
56-1/4		87.1	139.5
62-1/4		78.7	126.1
26-1/4	114	140.0	140.0
32-1/4		129.2	140.0
38-1/4		108.9	140.0
44-1/4		94.1	140.0
50-1/4		82.9	139.5
56-1/4		74.1	124.6
26-1/4	120	136.1	140.0
32-1/4		110.7	140.0
38-1/4		93.4	140.0
44-1/4		80.7	140.0
50-1/4		71.1	125.4
56-1/4		63.5	112.0



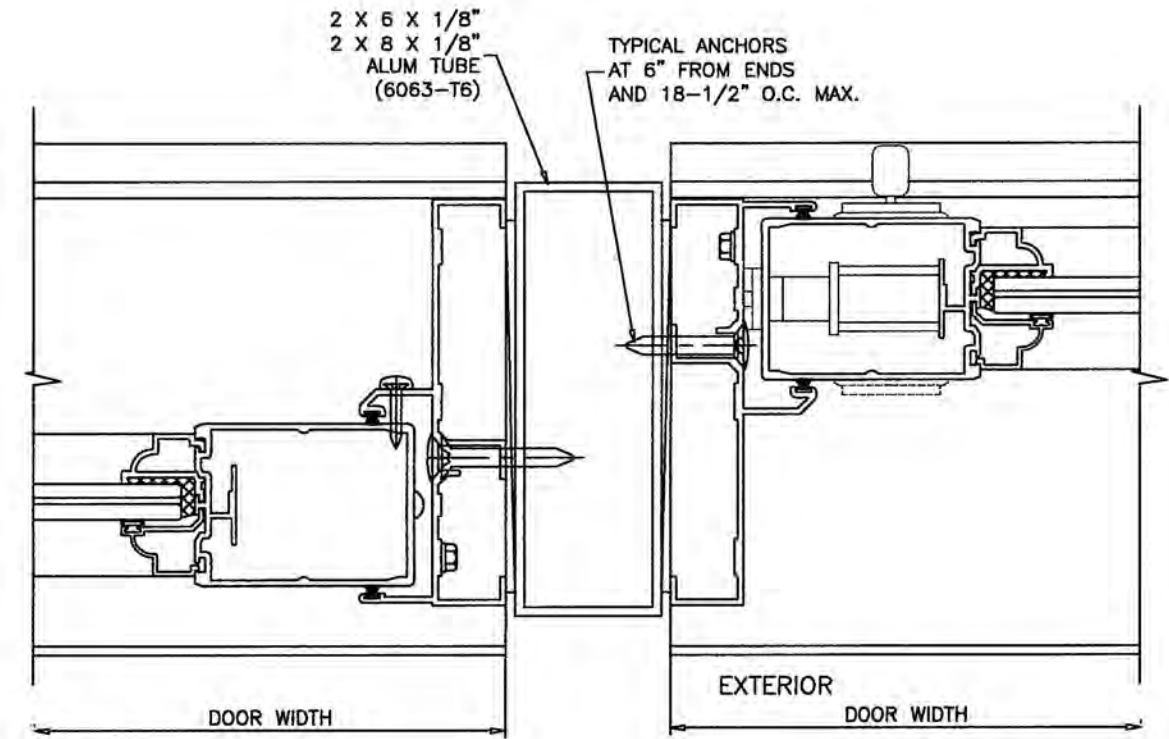
TYPICAL ELEVATIONS
SIDE BY SIDE S.G. DOOR
SIDE BY SIDE APPLIES TO TWO OR MORE DOORS

$$\text{WIDTH (W)} = \frac{W1 + W2}{2} + 2$$

W1 = SGD PANEL WIDTH
W2 = SGD PANEL WIDTH



CLUSTER OF ANCHORS
HEAD/SILL

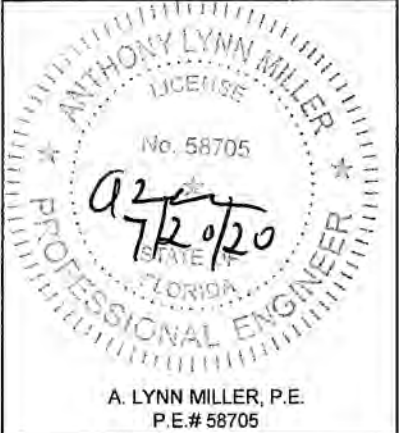


UNCLIPPED MULLION

- NOTES:**
1. USE CHART ON THIS SHEET FOR SIDE BY SIDE CONNECTION CAPACITY OF DOOR MULLION.
 2. FOR SLIDING GLASS DOOR CAPACITY SEE SHEET 4.
 3. USE CHART ON SHEETS 6 & 7 TO SELECT ANCHOR ARRANGEMENT AT MULLION ENDS.
 4. LOWER VALUES FROM STEPS 1, 2 OR 3 WILL APPLY TO ENTIRE SYSTEM.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.09**
Expiration Date **06/26/2023**
By
Miami-Dade Product Control

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		Date	06/10/2020	By	J ROSOWSKI	Rev.	A
		Drawn				No.	560-2T-SM-NOA
		DWG				12 OF 15	
		Sheet					
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432		560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)		DP FOR MULLION		2-TRACK, SMI	
		SGD560A					



A. LYNN MILLER, P.E.
P.E.# 58705

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	CGI-550	1	FRAME HEAD	6063-T6	-
2	CGI-551	1	FRAME SILL	6063-T6	-
3	CGI-552	2	FRAME JAMB	6063-T6	-
4	CGI-555	1/ PANEL	TOP RAIL	6063-T6	-
5	CGI-556	1/ PANEL	BOTTOM RAIL	6063-T6	-
6	CGI-557	2/ PANEL	JAMB/LOCK STILE	6063-T6	-
7	CGI-558	AS REQD.	INTERLOCK	6063-T6	-
8	CGI-559	AS REQD.	ASTRAGAL STILE	6063-T6	-
9	CGI-553	AS REQD.	SILL RISER (STANDARD)	6063-T5	-
9A	CGI-554	AS REQD.	SILL RISER (HI-RISE)	6063-T5	-
10	CGI-561	AS REQD.	GLAZING BEAD (COLONIAL)	6063-T5	-
10A	CGI-563	AS REQD.	GLAZING BEAD (SQUARE)	6063-T5	-
11	CGI-562	AS REQD.	GLASS ADAPTER (COLONIAL)	6063-T5	-
11A	CGI-564	AS REQD.	GLASS ADAPTER (SQUARE)	6063-T5	-
12	CGI-565	AS REQD.	GLASS ADAPTER (INSUL. LAM. GLASS)	6063-T6	-
13	CGI-585	2/ FIX. PANEL	FIX. PANEL BASE, 2" LONG	6063-T5	ATTACHED WITH #8 X 3/4" PH PH TEKS
14	CGI-560	AS REQD.	STILE REINFORCING	6063-T6	LENGTH = DOOR HT. - 14"
15	CGI-577	AS REQD.	POCKET DOOR HOOK	6063-T6	-

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER	REMARKS
16	VARIES	VARIES	WOOL PILE WEATHERSTRIPPING WITH FIN	PILE	ULTRAFAB OR EQUAL	.187" BASE X .290" TRI-FIN (USED HORIZONTALLY) .187" BASE X .290" SINGLE CENTER FIN (USED VERT.)
17	CGI-382V	VARIES	GLAZING BEAD BULB	VINYL	CUSTOM EXTRUDED	
18	SILICONE	VARIES	STRUCTURAL SILICONE	RUBBER	GE 1200 OR DOW 995	
19	CGI-584	1	ANTI-LIFT BLOCK	GL RF NYLON	CUSTOM CGI PART	ABOVE INTERLOCK ATTACHED W/ (2) #10 X 1" SMS
20	CGI-586	1	ADHESIVE BACKED PILE PAD (.300" HIGH)	PILE	ULTRAFAB OR EQUAL	AT BOTTOM OF EACH INTERLOCK
21	TA-51 OR TA-84	2/ MOV. PANEL	TANDEM S/S ROLLER	S/S	BUILDERS HRDW. OR EQUAL	ATTACHED WITH #8 X 3/4" PH PH TEKS
23	CH-200	1	M.S. COMMERCIAL HOOK BOLT LOCK	S/S MECH.	CUSTOM PART	INCLUDES CGI-580 FACE PLATE TRIM
24	CH-107	1	BRASS THUMBTURN	BRASS/ZINC	CUSTOM PART	1 REQUIRED PER HOOK BOLT
25	CH-109	OPT.	BRASS KEYED EXTERIOR CYLINDER	BRASS/ZINC	CUSTOM PART	OPTIONAL PART
26	CGI-581	1	850" X 3-7/8" S/S KEEPER	S/S	CUSTOM PART	ATTACHED W/ (3) #10 X 1" TRUSS HEAD SMS
27	SCREW (FRAME)	12	#12 X 1-1/4" HEX HEAD S/S SMS	S/S	VARIOUS	3 SCREWS PER FRAME CORNER
28	SCREW (PANEL)	8	#10 X 1-1/4" PAN HEAD S/S SMS	S/S	VARIOUS	2 SCREWS PER PANEL CORNER
29	SCREW	2	#8 X 1-1/2" FLAT HEAD TEKS S/S	S/S	VARIOUS	(2) PER FIXED PANEL AT MAXIMUM OF 24" FROM TOP & BOTTOM MOUNTED ON PLASTIC COVER
30	SCREW	VARIES	#10 X 1-1/2" PAN HEAD TEKS S/S	S/S	VARIOUS	AT 6" FROM ENDS AND 24" ON CENTER MAX.
31	CGI-599	VARIES	RUBBER SEAL	RUBBER/FOAM	CUSTOM PART	
32	SIDELITE JAMB CLIP	1/SCREW	3" LONG CLIP (AT "O" CONFIGURATION)	ALUM	CUSTOM PART	CONSISTS OF 1/8" X 3-1/8" X 3" LG PLATE GLUED TO 3/4" X 1-1/2" X 1/8" THK X 3" LG. TUBE
33	HI-FLO WEEPER	VARIES	WEEP HOLE AND COVER	NYLON	PEP	1 WEEP AND COVER AT 9" FROM ENDS AND AT CENTER LINE OF INTERLOCK OR ASTRAGAL
34	-	2/LITE	SETTING BLOCK	EPDM	-	1 REQUIRED PER HOOK BOLT
35	WS-578	AS REQD.	ADHESIVE BACKED PILE PAD (2.75" X .3" X .69")	PILE	ULTRAFAB OR EQUAL	AT HEAD NTERLOCK, EXTERIOR SIDE
36	WS-597	AS REQD.	ADHESIVE BACKED PILE PAD (1.1" X .54" X .32")	PILE	ULTRAFAB OR EQUAL	AT SILL, EXTERIOR SIDE

SEALANTS:

ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH WHITE/ALUM COLORED SILICONE.

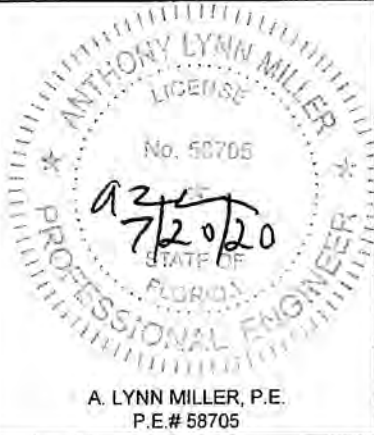
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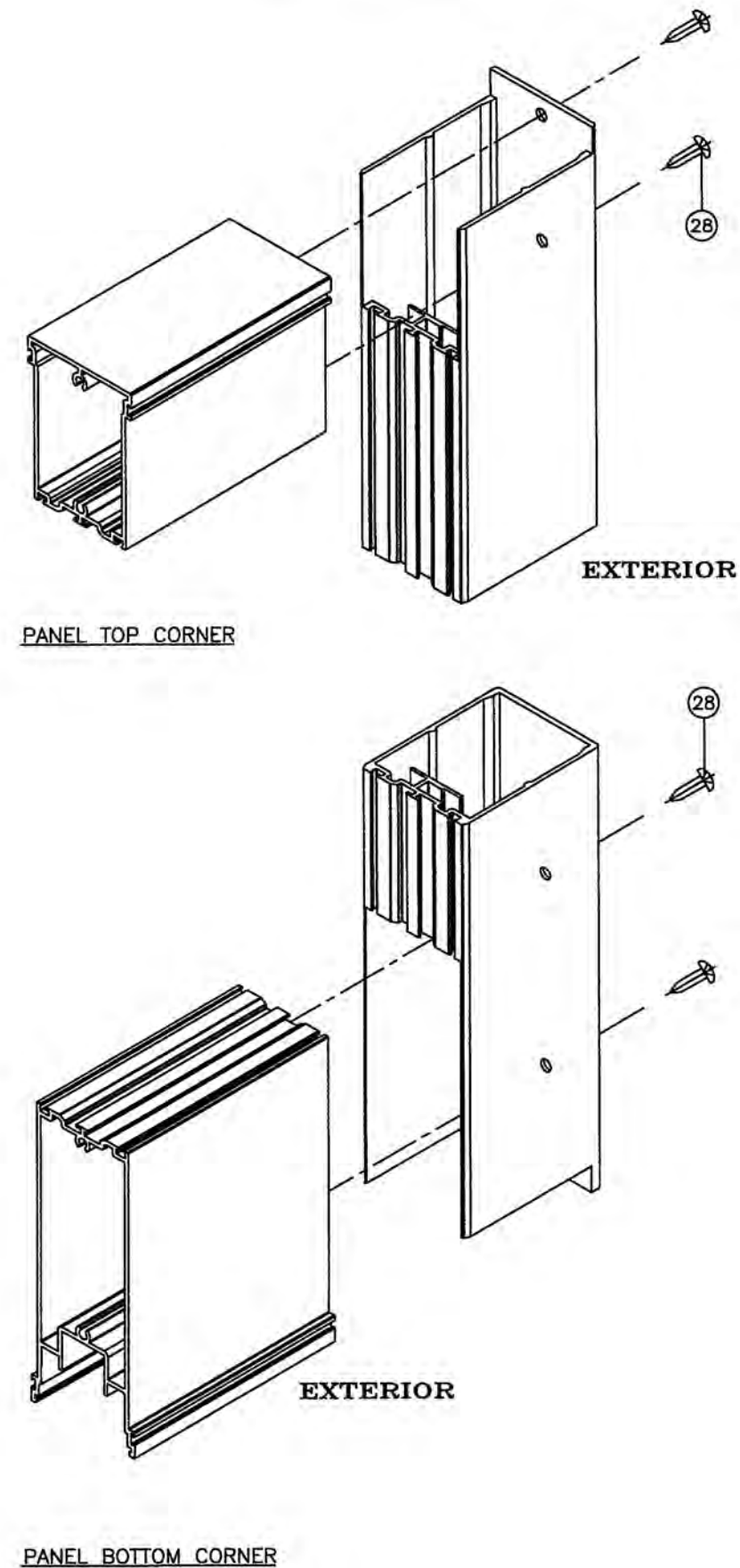
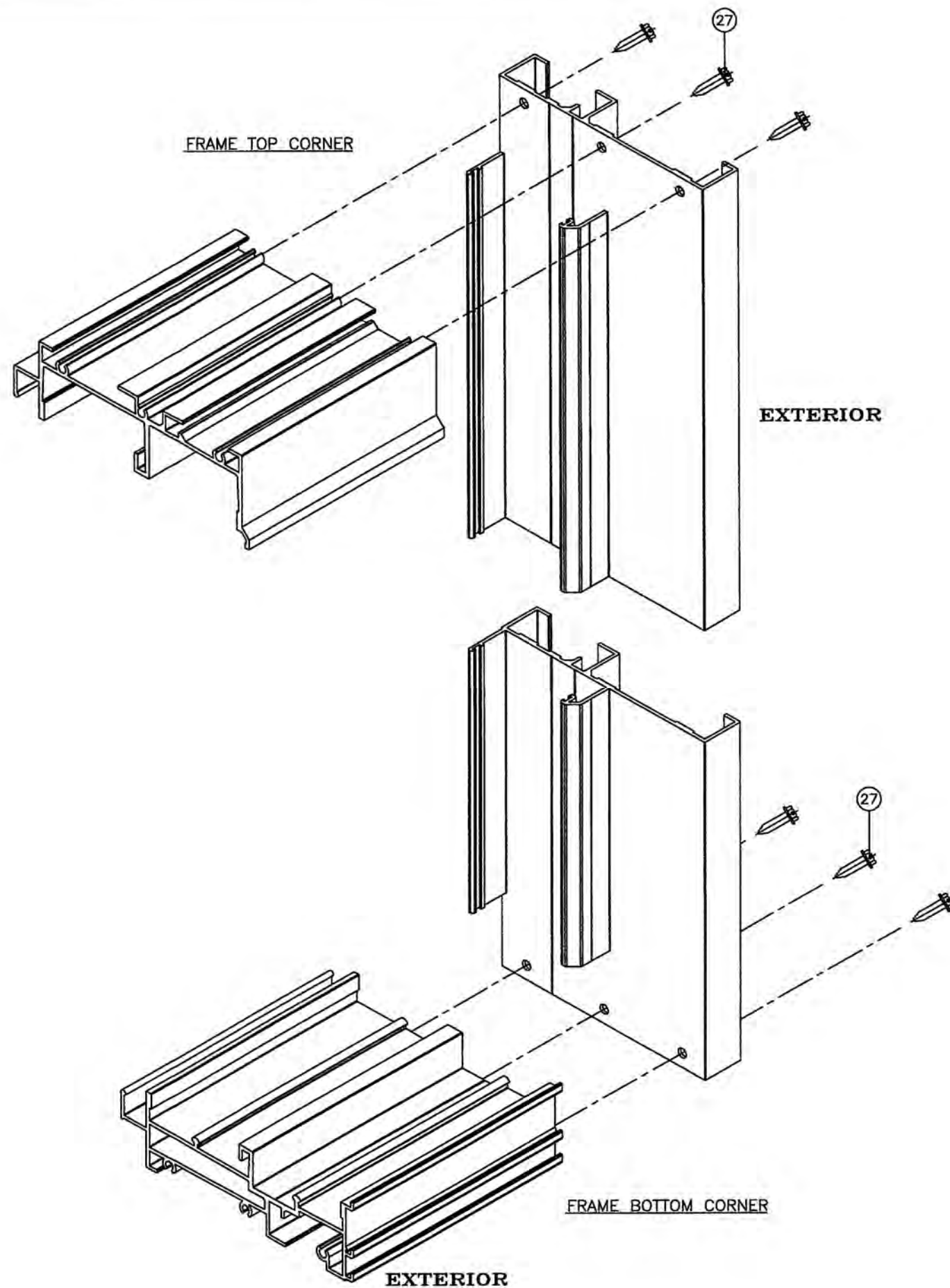
Expiration Date **06/26/2023**

By 
Miami-Dade Product Control

Revision:

WINDOOR® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432		REGISTRATION #29296		06/10/2020	
560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI)		Date			
BILL OF MATERIALS		By	J ROSOWSKI		
SGD560A		Sheet	14 OF 15		
2-TRACK, SMI		DWG No.	560-2T-SM-NOA		
Config		Rev.	A		
Series Desc.					





PRODUCT REVISED
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Expiration Date **06/26/2023**
By *[Signature]*
Miami-Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	06/10/2020	Rev.	A
	By	J ROSOWSKI	Dwg	560-2T-SM-NOA
	No.	15 OF 15	Sheet	
	Config	2-TRACK, SMI	Series	SGD560A
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432 560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI) CORNER DETAILS				

