



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 (3-tracks) w/ wo Reinforcements – L.M.I.

APPROVAL DOCUMENT: Drawing No. **560-3T-LM-NOA**, titled Series "560 Aluminum Sliding Glass Door -3T (LMI)", sheets 1 through 17 of 17, 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: Large and 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 18-0926.10** 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. 20-0729.08
Expiration Date: June 12, 2023
Approval Date: November 26, 2020
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (*See NOA #20-0729.02*)
2. Drawing No. 560-3T-LM-NOA, titled Series "560 Aluminum Sliding Glass Door -3T (LMI)", sheets 1 through 17 of 17, 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) 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
NOA No. 20-0729.08
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E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their **“SentryGlas® (Clear and White) Glass Interlayers”**, expiring on 07/04/23.
2. Notice of Acceptance No. **18-0301.06** issued to Eastman Chemical Company (MA) (former Solutia, Inc.) for their **“Saflex CP- Saflex and Saflex HP Composite Glass Interlayers with PET Core”**, expiring on 12/11/2023

F. STATEMENTS

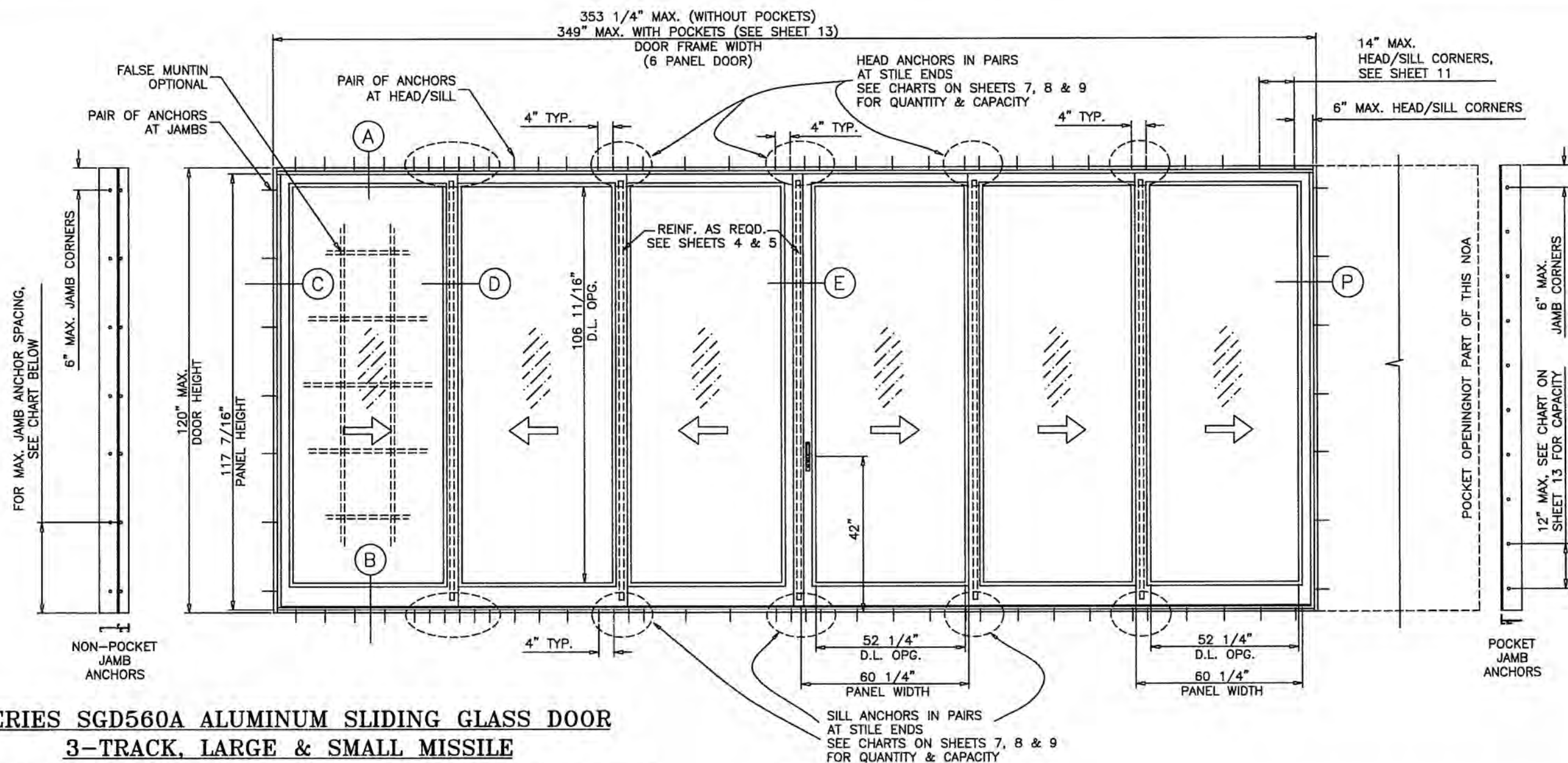
1. Statement letters of conformance to FBC 2020(7th Edition), dated 07/20/20, prepared, signed & sealed by Lynn Miller, P. E.
2. Notification of Successor Engineer per the Florida Administrative Code Section 61G15-27.001, notifying original engineer that the successor engineer is assuming full professional 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 #18-1108.05)
2. Notice of Acceptance No. **18-0926.10**, issued to Windoor, Inc. for their Series “560” Aluminum Sliding Glass Door (3-tracks) w/ wo Reinforcements – L.M.I., approved on 08/29/19 and expiring on 06/12/23.
3. Notice of Acceptance No. **20-0729.02**, issued to CGI Windows and Doors, Inc. for their Series “560” Aluminum Sliding Glass Door (3-tracks) w/ wo Reinforcements – L.M.I., approved on 11/05/2020 and expiring on 06/12/23.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 20-0729.08
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SERIES SGD560A ALUMINUM SLIDING GLASS DOOR 3-TRACK, LARGE & 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 THE 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.

TYPICAL ELEVATION
ALTERNATE SIZE UNITS: SEE SHEETS 2 & 3

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 SHEETS 4 & 5 FOR THE GLASS TYPE AND REINFORCING TO USE.
- STEP 3** USING CHARTS ON SHEETS 7, 8 & 9 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 4** (IF REQUIRED) FOR SIDE BY SIDE DOORS WITH VERTICAL MULLION SELECT 2X6 OR 2X8 TUBE FROM CHART ON SHEET 14 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 (NON-POCKET)					
SHIM SPACE	ANCHOR TYPE				
	'A' & 'B'	'C'	'D' & 'E'	'AA' & 'BB'	
1/4"	18-1/2"	18-1/2"	18-1/2"	18-1/2"	
3/8"	18-1/2"	-	18-1/2"	18-1/2"	
1/2"	9-1/4"	-	9-1/4"	18-1/2"	

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

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

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

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.08**

Expiration Date **06/12/2023**

By 
Miami-Dade Product Control

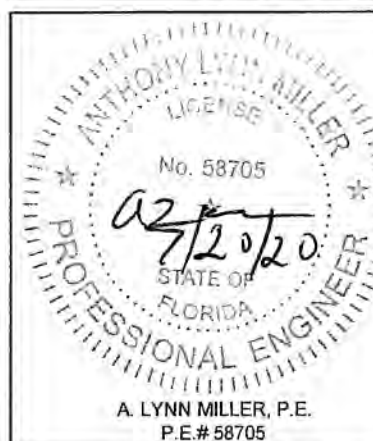
REVISION:
REVISED FOR 2020 FBC,
ADDED GEN. NOTES,
ANCHOR TYPE,
BACKBEDDING TYPES &
REFORMATTED - JR - 6/11/20

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

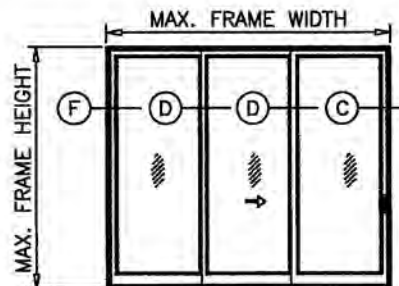
REGISTRATION #29296

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

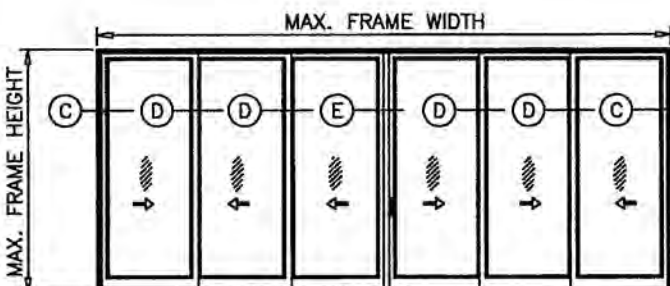
Rev	Date	By	No	DWG	1 OF 17	Sheet	3-TRACK, LMI	SGD560A
A	06/10/2020	J ROSOWSKI	560-3T-LM-NOA					
ELEVATION AND GENERAL NOTES								
560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)								



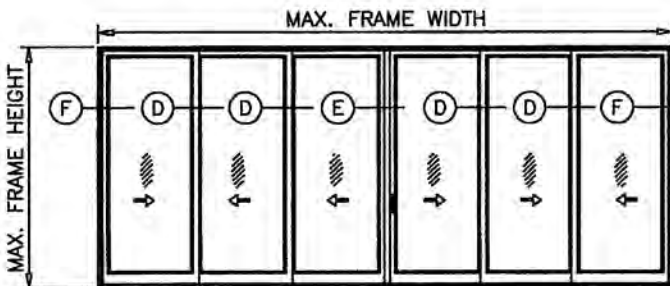
APPROVED CONFIGURATIONS
NON-POCKETED DOORS



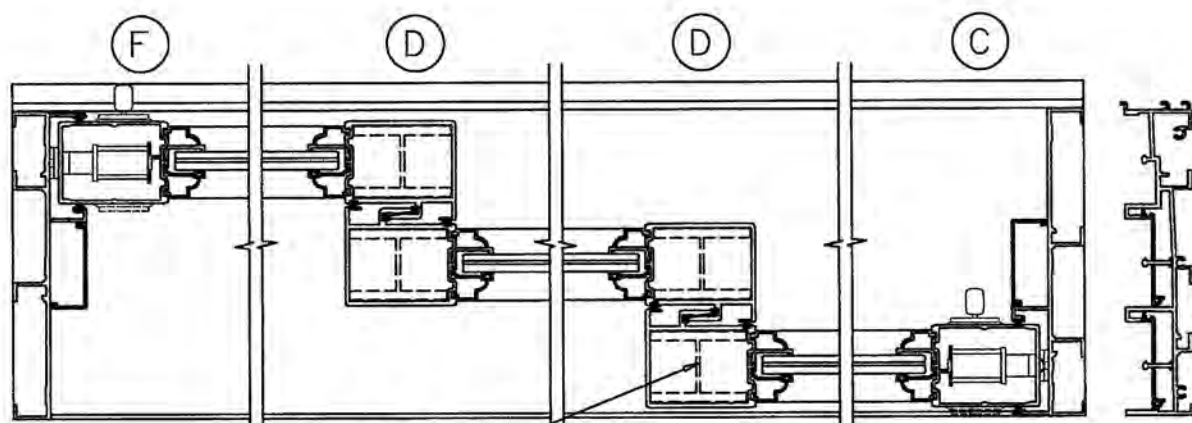
XXX (SHOWN)
OXX
XXO



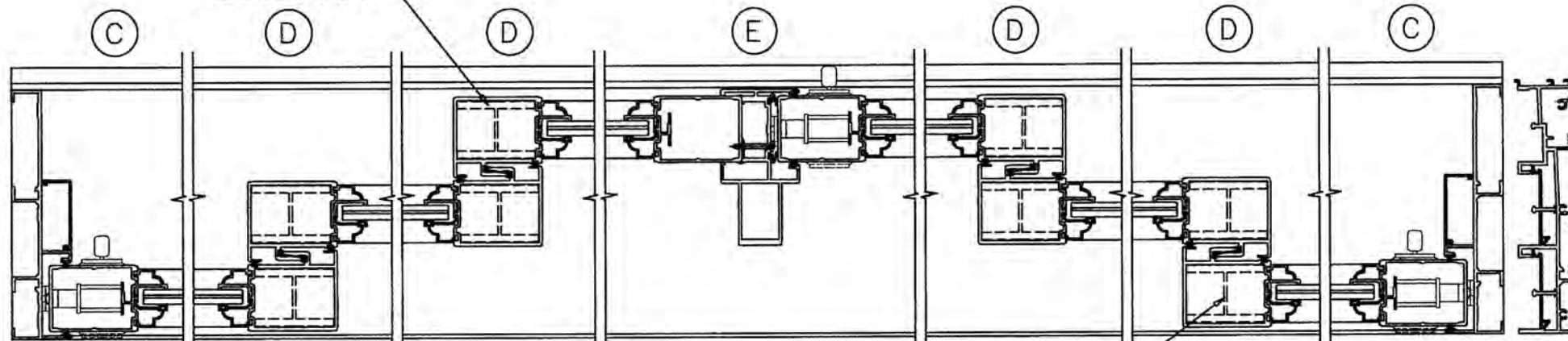
XXXXXX (SHOWN)
OXXXXO



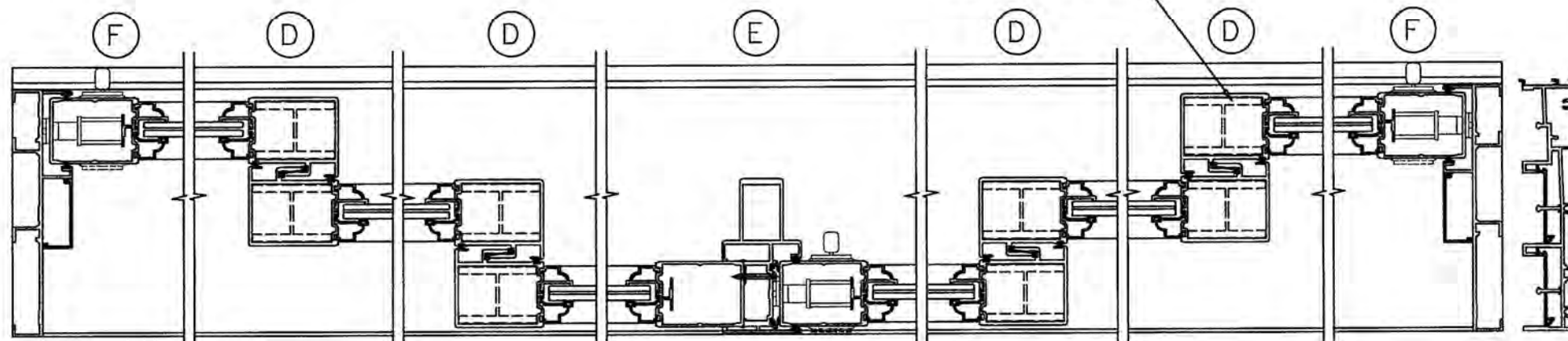
XXXXXX (SHOWN)
OXXXXO



REINF. AS REQD.
SEE SHEETS 4 & 5



REINF. AS REQD.
SEE SHEETS 4 & 5



Over-all Door Frame Width based on Panel Width

Panel Width	3 Panel Door Frame Width	6 Panel Door Frame Width
24 1/4"	69 1/4"	137 1/2"
30 1/4"	87 1/4"	173 1/2"
36 1/4"	105 1/4"	209 1/2"
42 1/4"	123 1/4"	245 1/2"
48 1/4"	141 1/4"	281 1/2"
54 1/4"	159 1/4"	317 1/2"
60 1/4"	177 1/4"	353 1/2"

MAXIMUM DOOR HEIGHT = 120"

Formula to convert Door Width to Panel Width

For 3 Panel Doors: $(\text{Door Width} + 3 \frac{1}{2})/3 = \text{Panel Width}$
For 6 Panel Doors: $(\text{Door Width} + 8)/6 = \text{Panel Width}$

Formula to convert Panel Width to Door Width

For 3 Panel Doors: $\text{Panel Width} \times 3 - 3 \frac{1}{2} = \text{Door Width}$
For 6 Panel Doors: $\text{Panel Width} \times 6 - 8 = \text{Door Width}$

Panel Height Formula

Door Height - $2 \frac{9}{16}$ " = Panel Height

MAX. FRAME DOOR AREA NOT TO EXCEED:
441.25 SQ. FT. FOR LOADS UPTO 105 PSF
351.56 SQ. FT. FOR LOADS ABOVE 105 PSF

D.L. OPENING

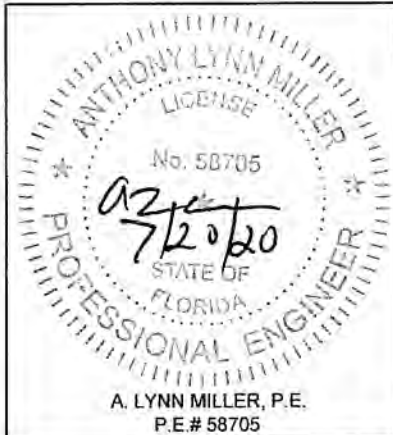
D.L.O. HEIGHT = DOOR HEIGHT - $13 \frac{5}{16}$ "
D.L.O. WIDTH = PANEL WIDTH - 8"

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.08**
Expiration Date **06/12/2023**
By
Miami-Dade Product Control

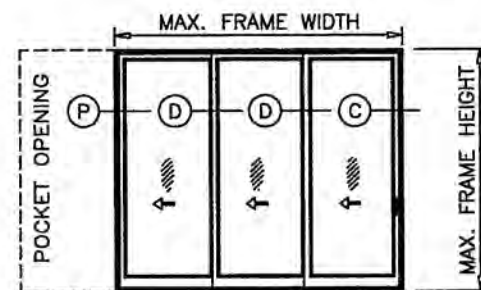
Revision:

WINDOOR® <u>INCORPORATED</u> 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							
560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)		REGISTRATION #29296							
		Date	06/10/2020						
		By	J ROSOWSKI						
		X-SECTIONS, NON-POCKETED							
Series	SGD560A	Config	3-TRACK, LMI	Sheet	2 OF 17	DWG No.	560-3T-LM-NOA	Rev.	A

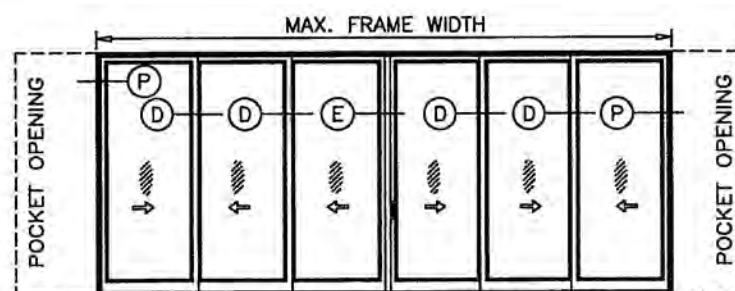
WinDoor®
INCORPORATED
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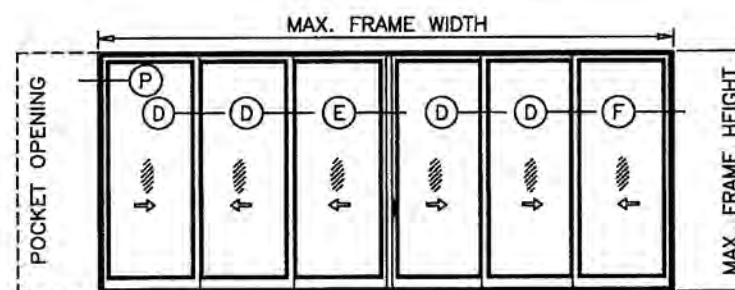
APPROVED CONFIGURATIONS
POCKETED DOORS



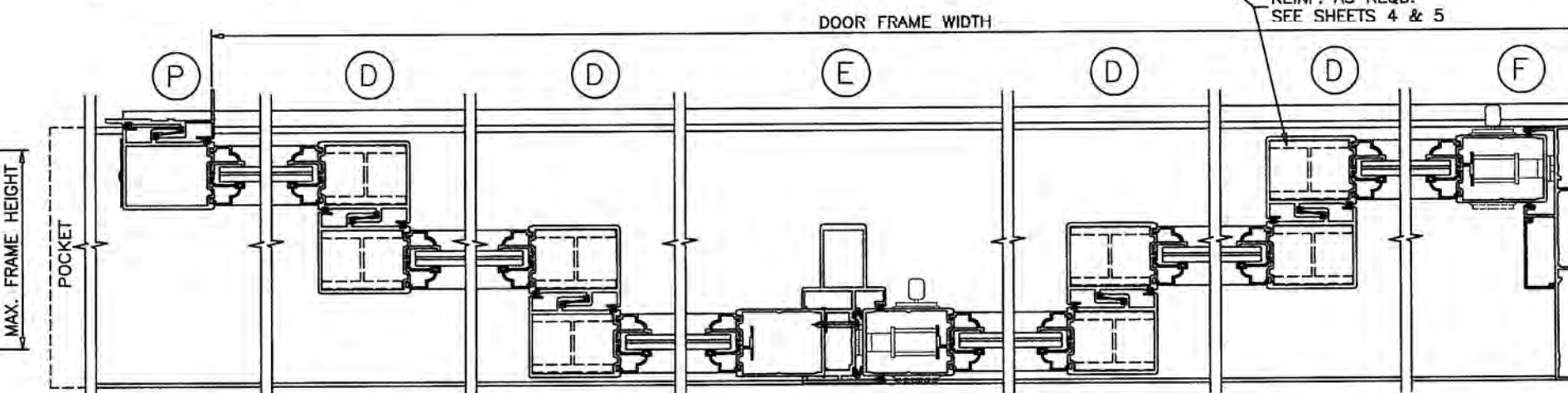
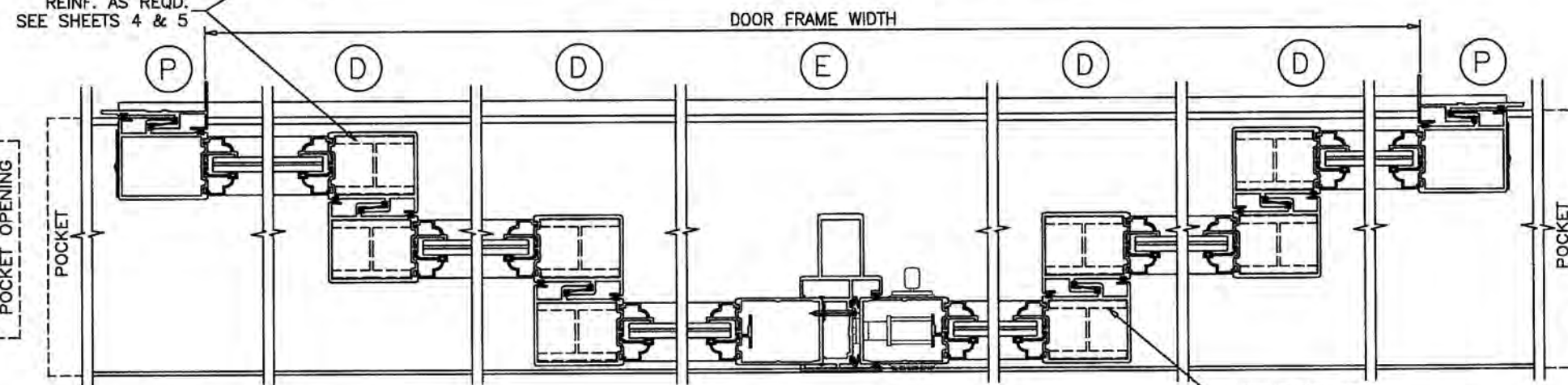
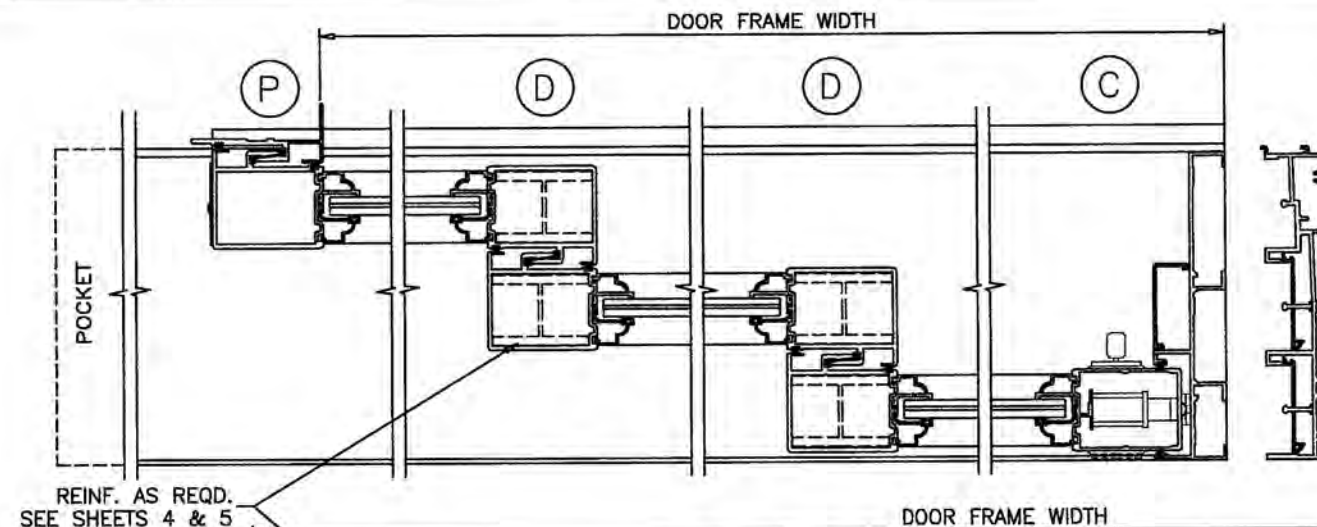
PXXX(SHOWN)
XXXP



PXXXXXXP (SHOWN)



PXXXXXX(SHOWN), XXXXXP
PXXXXXO, OXXXXXP



Over-all Door Width based on Panel Width

Panel Width	PXXX, XXXP Door Width	PXXXXXXP Door Width	PXXXXXX Door Width
24 1/4"	65 1/4"	129 3/8"	133 7/16"
30 1/4"	83 1/4"	165 3/8"	169 7/16"
36 1/4"	101 1/4"	201 3/8"	205 7/16"
42 1/4"	119 1/4"	237 3/8"	241 7/16"
48 1/4"	137 1/4"	273 3/8"	277 7/16"
54 1/4"	155 1/4"	309 3/8"	313 7/16"
60 1/4"	173 1/4"	345 3/8"	349 7/16"

MAXIMUM DOOR HEIGHT = 120"

Formula to convert Door Width to Panel Width

For PXXX: $(\text{Door Width} + 7 \frac{1}{2}) / 3 = \text{Panel Width}$
 For PXXXXXXP: $(\text{Door Width} + 16 \frac{1}{8}) / 6 = \text{Panel Width}$
 For PXXXXXX: $(\text{Door Width} + 12 \frac{1}{16}) / 6 = \text{Panel Width}$

Formula to convert Panel Width to Door Width

For PXXX: $\text{Panel Width} \times 3 - 7 \frac{1}{2} = \text{Door Width}$
 For PXXXXXXP: $\text{Panel Width} \times 6 - 16 \frac{1}{8} = \text{Door Width}$
 For PXXXXXX: $\text{Panel Width} \times 6 - 12 \frac{1}{16} = \text{Door Width}$

Panel Height Formula

Door Height - $2 \frac{9}{16}$ " = Panel Height

MAX. FRAME DOOR AREA NOT TO EXCEED:
 441.25 SQ. FT. FOR LOADS UPTO 105 PSF
 351.56 SQ. FT. FOR LOADS ABOVE 105 PSF

D.L. OPENING

D.L.O HEIGHT = DOOR HEIGHT - $13 \frac{5}{16}$ "
 D.L.O. WIDTH = PANEL WIDTH - 8"

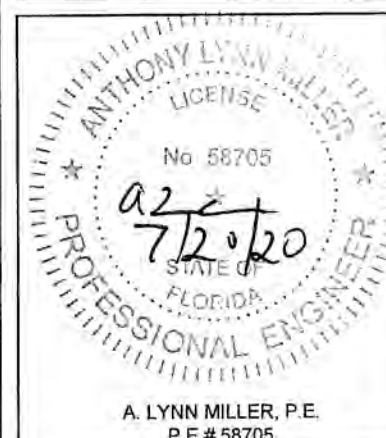
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Expiration Date **06/12/2023**

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	Rev.	A
		By	J ROSOWSKI	Drawn	
		No.	560-3T-LM-NOA	DWG	
		3 OF 17		Sheet	
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)	X-SECTIONS - POCKETED	SGD560A	3-TRACK, LMI	Series Desc. Title



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

DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	GLASS TYPES 1, 1A, 2 & 2A		GLASS TYPE 2A	
		W/O REINF.		WITH REINF.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24-1/4	80	120.0	120.0	120.0	140.0
30-1/4		109.3	109.3	120.0	140.0
33-1/4		101.6	101.6	120.0	140.0
36-1/4		93.2	93.2	120.0	140.0
39-1/4		86.1	86.1	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0
50-1/4		67.2	67.2	115.2	134.4
52-1/4		64.6	64.6	110.8	129.3
54-1/4		62.3	62.3	106.7	124.5
56-1/4		60.0	60.0	102.9	120.1
58-1/4		58.0	58.0	99.4	116.0
60-1/4		56.1	56.1	96.1	112.1
24-1/4	84	120.0	120.0	120.0	140.0
30-1/4		109.3	109.3	120.0	140.0
33-1/4		101.6	101.6	120.0	140.0
36-1/4		93.2	93.2	120.0	140.0
39-1/4		86.1	86.1	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0
50-1/4		67.2	67.2	115.2	134.4
52-1/4		64.6	64.6	110.8	129.3
54-1/4		62.3	62.3	106.7	124.5
56-1/4		60.0	60.0	102.9	120.1
58-1/4		58.0	58.0	99.4	116.0
60-1/4		56.1	56.1	96.1	112.1
24-1/4	90	120.0	120.0	120.0	140.0
30-1/4		109.3	109.3	120.0	140.0
33-1/4		101.6	101.6	120.0	140.0
36-1/4		93.2	93.2	120.0	140.0
39-1/4		86.1	86.1	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0
50-1/4		67.2	67.2	115.2	134.4
52-1/4		64.6	64.6	110.8	129.3
54-1/4		62.3	62.3	106.7	124.5
56-1/4		60.0	60.0	102.9	120.1
58-1/4		58.0	58.0	99.4	116.0
60-1/4		56.1	56.1	96.1	112.1
24-1/4	96	120.0	120.0	120.0	140.0
30-1/4		109.3	109.3	120.0	140.0
33-1/4		101.6	101.6	120.0	140.0
36-1/4		93.2	93.2	120.0	140.0
39-1/4		86.1	86.1	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0
50-1/4		67.2	67.2	115.2	134.4
52-1/4		64.6	64.6	110.8	129.3
54-1/4		62.3	62.3	106.7	124.5
56-1/4		60.0	60.0	102.9	120.1
58-1/4		58.0	58.0	99.4	116.0
60-1/4		56.1	56.1	96.1	112.1

DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	GLASS TYPES 1, 1A, 2 & 2A		GLASS TYPE 2A	
		W/O REINF.		WITH REINF.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24-1/4	99	80.0	80.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0
50-1/4		67.2	67.2	115.2	134.4
52-1/4		64.6	64.6	110.8	129.3
54-1/4		62.3	62.3	106.7	124.5
56-1/4		60.0	60.0	102.9	120.1
58-1/4		58.0	58.0	99.4	116.0
60-1/4		56.1	56.1	96.1	112.1
24-1/4	102	80.0	80.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0
50-1/4		67.2	67.2	115.2	134.4
52-1/4		64.6	64.6	110.8	129.3
54-1/4		62.3	62.3	106.7	124.5
56-1/4		60.0	60.0	102.9	120.1
58-1/4		58.0	58.0	99.4	116.0
60-1/4		56.1	56.1	96.1	112.1
24-1/4	105	80.0	80.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0
50-1/4		67.2	67.2	115.2	134.4
52-1/4		64.6	64.6	110.8	129.3
54-1/4		62.3	62.3	106.7	124.5
56-1/4		60.0	60.0	102.9	120.1
58-1/4		58.0	58.0	99.4	116.0
60-1/4		56.1	56.1	96.1	112.1
24-1/4	108	80.0	80.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0
50-1/4		67.2	67.2	115.2	134.4
52-1/4		64.6	64.6	110.8	129.3

DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	GLASS TYPES 1, 1A, 2 & 2A		GLASS TYPE 2A	
		W/O REINF.		WITH REINF.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24-1/4	111	80.0	80.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0
50-1/4		67.2	67.2	115.2	134.4
24-1/4	114	80.0	80.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0
50-1/4		67.2	67.2	115.2	134.4
24-1/4	117	80.0	80.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0
24-1/4	120	80.0	80.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0
42-1/4		79.9	79.9	120.0	140.0
44-1/4		76.3	76.3	120.0	140.0
46-1/4		73.0	73.0	120.0	140.0
48-1/4		70.0	70.0	120.0	140.0

GLASS CAPACITY CHARTS

W/O REINFORCEMENTS: GLASS TYPES 1, 1A, 2 & 2A

W/ REINFORCEMENTS: GLASS TYPE 2A

(SEE GLASS DETAILS IN SHEET 6)

NOTES:

APPROPRIATE SILL RISER TO BE SELECTED FOR MAX. POSITIVE DESIGN PRESSURE, SEE DETAILS ON SHEET 6.

OBTAIN ANCHOR TYPE AND CONFIGURATION TO USE FROM ANCHOR CHARTS ON SHEETS 7, 8 & 9.

MULLION SIZE AND CAPACITY TO BE OBTAINED FROM CHARTS ON SHEET 14.

LOWEST APPLICABLE VALUE FROM THE ABOVE WILL APPLY TO CONDITION REVIEWED.

GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.08**

Expiration Date **06/12/2023**

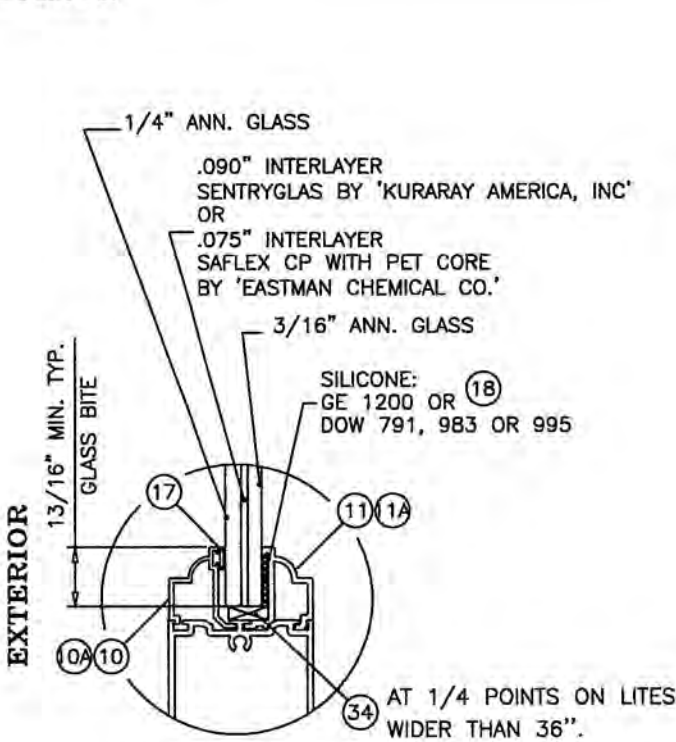
By 
Miami-Dade Product Control

Revision:

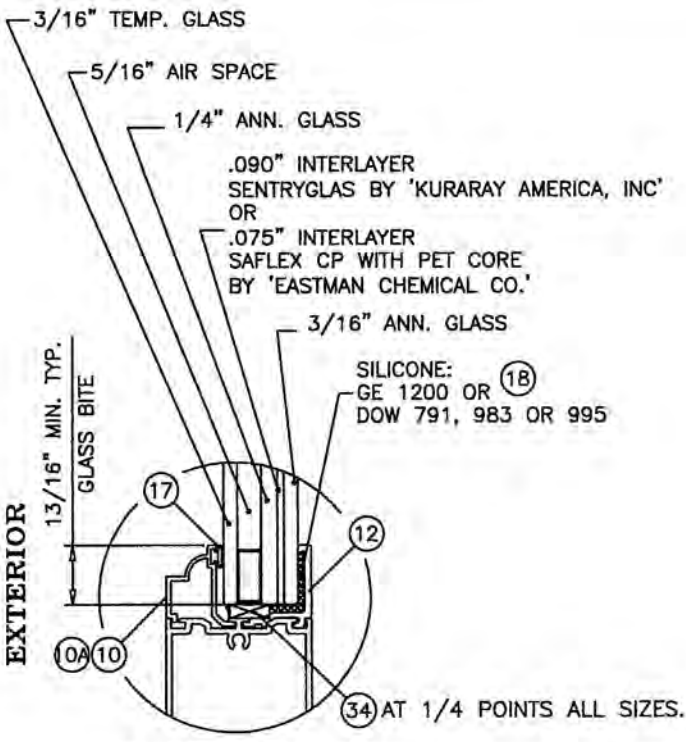
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296	
560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)		Date	06/10/2020
DP FOR GLASS TYPES 1, 1A, 2 & 2A		Drawn By	J ROSOWSKI
SGD560A		Sheet	4 OF 17
3-TRACK, LMI		Contig	
SGD560A		Series	
DP FOR GLASS TYPES 1, 1A, 2 & 2A		Drawn By	J ROSOWSKI
560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)		Date	06/10/2020
REGISTRATION #29296			



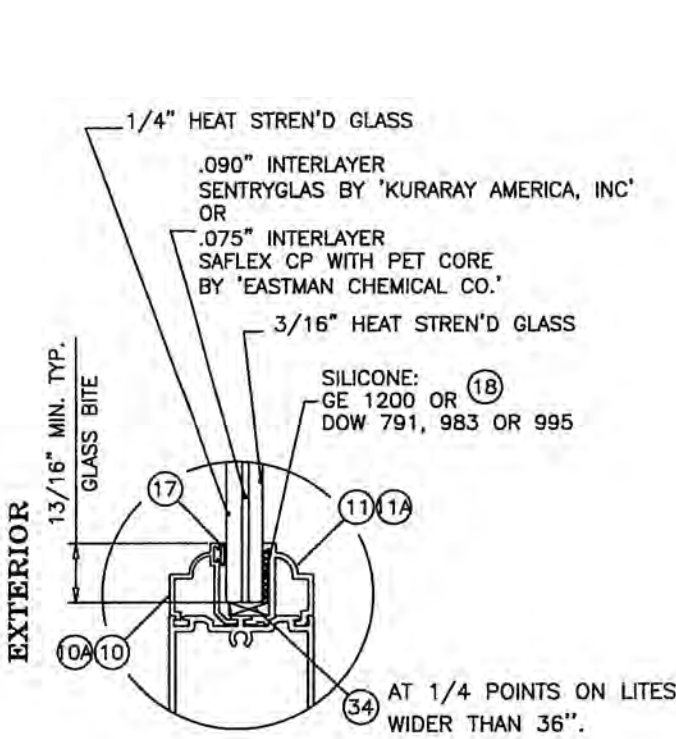
GLAZING OPTIONS



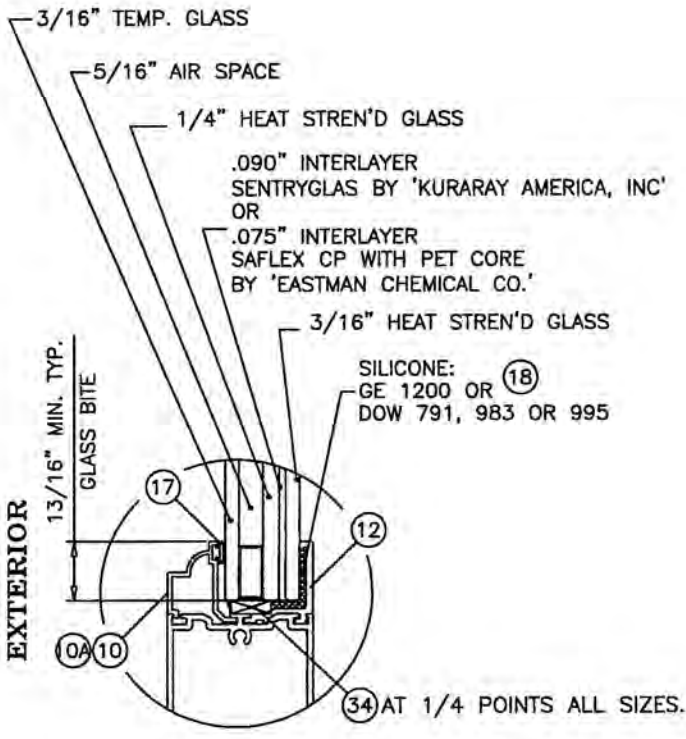
GLASS TYPE '1'



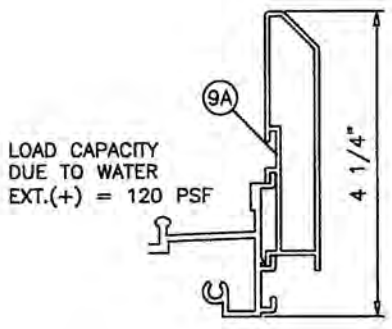
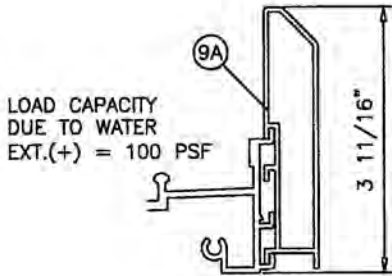
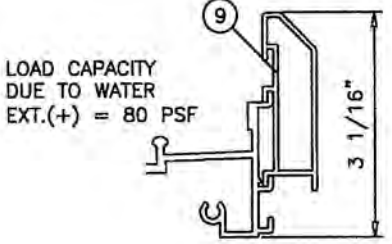
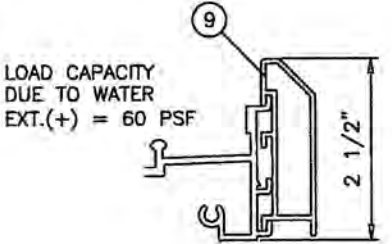
GLASS TYPE '1A'



GLASS TYPE '2' (W/SENTRYGLAS INTERLAYER)
GLASS TYPE '2.1' (W/SAFLEX CP INTERLAYER)



GLASS TYPE '2A'

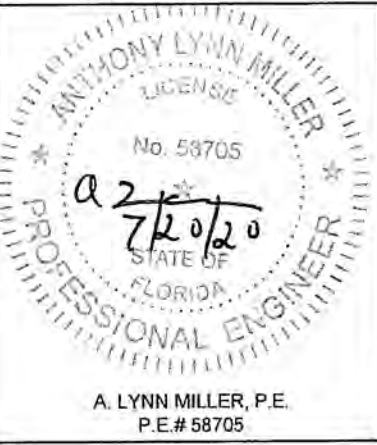


LOAD CAPACITIES SHOWN IN CHARTS ON SHEETS 4 & 5 ARE FOR DOORS USING 4-1/4" SILL HEIGHTS. FOR DOORS USING LOWER SILL HEIGHTS LIMIT EXTERIOR(+) LOADS AS SHOWN ABOVE.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0729.08
Expiration Date 06/12/2023
By
Miami-Dade Product Control

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	No.	560-3T-LM-NOA
		Drawn		DWG	
				6 OF 17	
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)	GLAZING DETAILS	SGD560A	Sheet	
				3-TRACK, LMI	



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).

PANEL WIDTH INCHES	DOOR HEIGHT INCHES	ANCHORS TYPE 'A'			ANCHORS TYPE 'B'			ANCHORS TYPE 'A' & 'B'				ANCHORS TYPE 'A' & 'B'				ANCHORS TYPE 'C'		
		1/4" SHIM SPACE			1/4" SHIM SPACE			3/8" SHIM SPACE				1/2" SHIM SPACE				1/4" SHIM SPACE		
		CLUSTER OF			CLUSTER OF			CLUSTER OF				CLUSTER OF				CLUSTER OF		
		4	6	8	4	6	8	4	6	8	10	6	8	10	12	4	6	8
24-1/4	80	140.0	140.0	140.0	140.0	140.0	140.0	119.2	140.0	140.0	140.0	139.0	140.0	140.0	-	140.0	140.0	140.0
30-1/4		121.9	140.0	140.0	134.7	140.0	140.0	95.5	140.0	140.0	140.0	111.5	140.0	140.0	-	140.0	140.0	140.0
36-1/4		140.0	140.0	140.0	140.0	140.0	140.0	119.6	140.0	140.0	140.0	124.0	140.0	140.0	140.0	140.0	140.0	140.0
42-1/4		130.9	140.0	140.0	140.0	140.0	140.0	102.6	136.8	140.0	140.0	106.4	133.0	140.0	140.0	140.0	140.0	140.0
48-1/4		114.6	140.0	140.0	126.7	140.0	140.0	89.8	119.8	140.0	140.0	93.2	116.5	139.8	140.0	140.0	140.0	140.0
54-1/4		101.9	124.5	124.5	112.7	124.5	124.5	79.9	106.5	124.5	124.5	82.9	103.6	124.3	124.5	124.5	124.5	124.5
60-1/4	84	91.8	112.1	112.1	101.5	112.1	112.1	72.0	95.9	112.1	112.1	74.9	93.3	111.9	112.1	112.1	112.1	112.1
24-1/4		140.0	140.0	140.0	140.0	140.0	140.0	113.5	140.0	140.0	140.0	132.4	140.0	140.0	-	140.0	140.0	140.0
30-1/4		116.1	140.0	140.0	128.3	140.0	140.0	91.0	136.5	140.0	140.0	106.2	140.0	140.0	-	140.0	140.0	140.0
36-1/4		140.0	140.0	140.0	140.0	140.0	140.0	113.9	140.0	140.0	140.0	118.1	140.0	140.0	140.0	140.0	140.0	140.0
42-1/4		124.6	140.0	140.0	137.8	140.0	140.0	97.7	130.3	140.0	140.0	101.3	126.7	140.0	140.0	140.0	140.0	140.0
48-1/4		109.1	140.0	140.0	120.7	140.0	140.0	85.6	114.1	140.0	140.0	88.7	110.9	113.1	140.0	136.9	140.0	140.0
54-1/4	90	97.1	124.5	124.5	107.3	124.5	124.5	76.1	101.5	124.5	124.5	78.9	98.7	118.4	124.5	121.7	124.5	124.5
60-1/4		87.4	112.1	112.1	96.6	112.1	112.1	68.5	91.4	112.1	112.1	71.1	88.8	106.6	112.1	109.6	112.1	112.1
24-1/4		135.1	140.0	140.0	140.0	140.0	140.0	105.9	140.0	140.0	140.0	123.6	140.0	140.0	-	140.0	140.0	140.0
30-1/4		108.3	140.0	140.0	119.7	140.0	140.0	84.9	127.4	140.0	140.0	99.1	132.1	140.0	-	135.8	140.0	140.0
36-1/4		135.6	140.0	140.0	140.0	140.0	140.0	106.3	140.0	140.0	140.0	110.2	137.8	140.0	140.0	140.0	140.0	140.0
42-1/4		116.3	140.0	140.0	128.6	140.0	140.0	91.2	121.6	140.0	140.0	94.6	118.2	140.0	140.0	14.0	140.0	140.0
48-1/4	96	101.9	135.8	140.0	112.6	140.0	140.0	79.9	106.5	133.1	140.0	82.8	103.5	124.2	140.0	127.7	140.0	140.0
54-1/4		90.6	120.8	124.5	100.2	124.5	124.5	71.0	94.7	118.4	124.5	73.7	92.1	110.5	124.5	113.6	124.5	124.5
60-1/4		81.6	108.8	112.1	90.2	112.1	112.1	64.0	85.3	106.6	112.1	66.3	82.9	99.5	112.1	102.3	112.1	112.1
24-1/4		126.7	140.0	140.0	140.0	140.0	140.0	99.3	140.0	140.00	140.0	115.9	140.0	140.0	-	140.0	140.0	140.0
30-1/4		101.6	140.0	140.0	112.3	140.0	140.0	79.6	119.4	140.00	140.0	92.9	123.8	140.0	-	127.3	140.0	140.0
36-1/4		127.1	140.0	140.0	140.0	140.0	140.0	99.7	132.9	140.0	140.0	103.3	129.2	140.0	140.0	140.0	140.0	140.0
42-1/4	102	109.1	140.0	140.0	120.6	140.0	140.0	85.5	114.0	140.0	140.0	88	110.8	133.0	140.0	136.8	140.0	140.0
48-1/4		95.5	127.3	140.0	105.6	140.0	140.0	74.9	99.8	124.8	140.0	77.6	97.1	116.5	135.9	119.8	140.0	140.0
54-1/4		84.9	113.3	124.5	93.9	124.5	124.5	66.6	88.8	111.0	124.5	69.1	86.3	103.6	120.9	106.5	124.5	124.5
60-1/4		76.5	102.0	112.1	84.5	112.1	112.1	60.0	79.9	99.9	112.1	62.2	77.7	93.3	108.8	95.9	112.1	112.1
24-1/4		119.2	140.0	140.0	131.8	140.0	140.0	93.5	140.0	140.0	140.0	109.1	140.0	140.0	-	140.0	140.0	140.0
30-1/4		95.6	140.0	140.0	105.7	140.0	140.0	74.9	112.4	140.0	140.0	87.4	116.6	140.0	-	119.8	140.0	140.0
36-1/4	108	119.6	140.0	140.0	132.3	140.0	140.0	93.8	125.1	140.0	140.0	97.3	121.6	140.0	140.0	140.0	140.0	140.0
42-1/4		102.6	136.9	140.0	113.5	140.0	140.0	80.5	107.3	134.1	140.0	83.5	104.3	125.2	140.0	128.7	140.0	140.0
48-1/4		89.9	119.8	140.0	99.4	132.5	140.0	70.5	94.0	174.4	140.0	73.1	91.3	109.6	127.9	112.7	140.0	140.0
54-1/4		79.9	106.6	124.5	88.4	117.8	124.5	62.7	83.6	104.5	124.5	65.0	81.2	97.5	113.7	100.2	124.5	124.5
60-1/4		72.0	96.0	105.0	79.6	105.0	105.0	56.4	75.2	94.1	105.0	58.5	73.2	87.8	90.0	90.3	105.0	105.0
24-1/4		112.6	140.0	140.0	124.5	140.0	140.0	88.3	132.4	140.0	140.0	103.0	137.3	140.0	-	140.0	140.0	140.0
30-1/4	114	90.3	135.4	140.0	99.8	140.0	140.0	70.8	106.2	140.0	140.0	82.6	110.1	137.6	140.0	113.2	140.0	140.0
36-1/4		113.0	140.0	140.0	124.9	140.0	140.0	88.6	118.1	140.0	140.0	91.9	114.8	137.8	140.0	140.0	140.0	140.0
42-1/4		96.9	129.3	140.0	107.2	140.0	140.0	76.0	101.3	126.7	140.0	78.8	98.5	118.2	137.9	121.6	140.0	140.0
48-1/4		84.9	113.2	140.0	93.8	125.1	140.0	66.6	88.7	110.9	133.1	69.0	86.3	103.5	120.8	106.4	140.0	140.0
54-1/4		75.5	100.7	105.0	83.5	105.0	105.0	59.2	78.9	98.7	105.0	61.4	76.7	90.0	90.0	94.7	105.0	105.0
60-1/4		68.0	90.6	105.0	75.2	100.2	105.0	53.3	71.1	88.8	105.0	55.3	69.1	82.9	90.0	85.2	105.0	105.0
24-1/4	120	106.7	140.0	140.0	117.9	140.0	140.0	83.6	125.5	140.0	140.0	97.6	130.1	140.0	-	133.8	140.0	140.0
30-1/4		85.5	128.3	140.0	94.5	140.0	140.0	67.0	100.6	134.1	140.0	78.2	104.3	130.4	140.0	107.2	140.0	140.0
36-1/4		107.0	140.0	140.0	118.3	140.0	140.0	83.9	111.9	139.9	140.0	87.0	108.8	130.5	140.0	134.2	140.0	140.0
42-1/4		91.8	122.5	140.0	101.5	135.4	140.0	72.0	96.0	120.0	140.0	74.7	93.3	112.0	130.7	115.2	140.0	140.0
48-1/4		80.4	107.2	134.0	88.9	118.5	140.0	63.1	84.1	105.1	126.1	65.4	81.7	98.1	114.4	100.8	134.5	140.0
54-1/4		71.5	95.4	105.0	79.1	105.0	105.0	56.1	74.8	93.5	105.0	58.2	72.7	87.2	90.0	89.7	105.0	105.0
60-1/4	120	64.4	85.9	105.0	71.2	94.9	105.0	50.5	67.3	84.2	101.0	52.4	65.5	78.5	90.0	80.8	105.0	105.0
24-1/4		101.3	140.0	140.0	112.0	140.0	140.0	79.5	119.2	140.0	140.0	92.7	123.6	140.0	-	127.1	140.0	140.0
30-1/4		81.2	121.9	140.0	89.8	134.7	140.0	63.7	95.5	127.4	140.0	74.3	99.1	123.8	140.0	101.9	140.0	140.0
36-1/4		101.7	135.6	140.0	112.4	140.0	140.0	79.7	106.3	132.9	140.0	82.7	103.3	124.0	140.0	127.5	140.0	140.0
42-1/4		87.3	116.3	140.0	96.5	128.6	140.0	68.4	91.2	114.0	136.8	70.9	88.7	106.4	124.1	109.4	140.0	140.0
48-1/4		76.4	101.9	127.3	84.5	112.6	140.0	59.9	79.9	99.8	119.8	62.1	77.6	93.2	108.7	95.8	127.7	140.0
54-1/4	120	68.0	90.6	105.0	75.1	100.2	105.0	53.3	71.0	88.8	105.0	55.2	69.1	82.9	90.0	85.2	105.0	105.0
60-1/4		61.2	81.6	105.0	67.6	90.2	105.0	48.0	64.0	79.9	95.9	49.7	62.2	74.6	87.1	76.7	102.3	105.0

INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ACCEPTABLE

NOTE:

SEE SHEET 10 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. **20-0729.08**

Expiration Date **06/12/2023**

By 
Miami-Dade Product Control

Revision:

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.	Date	By	DWG	Sheet	Config	Series
A	06/10/2020	J ROSOWSKI	560-3T-LM-NOA	7 OF 17	3-TRACK, LMI	SGD560A



PANEL WIDTH INCHES	DOOR HEIGHT INCHES	ANCHORS TYPE 'D'			ANCHORS TYPE 'E'			ANCHORS TYPE 'D' & 'E'				ANCHORS TYPE 'D' & 'E'			
		1/4" SHIM SPACE			1/4" SHIM SPACE			3/8" SHIM SPACE				1/2" SHIM SPACE			
		CLUSTER OF			CLUSTER OF			CLUSTER OF				CLUSTER OF			
		4	6	8	4	6	8	4	6	8	10	6	8	10	12
24-1/4	80	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	—
30-1/4		134.2	140.0	140.0	140.0	140.0	140.0	120.7	140.0	140.0	140.0	140.0	140.0	140.0	—
36-1/4		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42-1/4		140.0	140.0	140.0	140.0	140.0	140.0	129.6	140.0	140.0	140.0	135.2	140.0	140.0	140.0
48-1/4		126.2	140.0	140.0	140.0	140.0	140.0	113.5	140.0	140.0	140.0	118.4	140.0	140.0	140.0
54-1/4		112.3	124.5	124.5	124.5	124.5	124.5	100.9	124.5	124.5	124.5	105.3	124.5	124.5	124.5
60-1/4		101.1	112.1	112.1	112.1	112.1	112.1	90.9	112.1	112.1	112.1	94.8	112.1	112.1	112.1
24-1/4	84	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	—
30-1/4		127.8	140.0	140.0	140.0	140.0	140.0	114.9	140.0	140.0	140.0	134.9	140.0	140.0	—
36-1/4		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42-1/4		137.3	140.0	140.0	140.0	140.0	140.0	123.4	140.0	140.0	140.0	128.8	140.0	140.0	140.0
48-1/4		120.2	140.0	140.0	140.0	140.0	140.0	108.1	140.0	140.0	140.0	112.8	140.0	140.0	140.0
54-1/4		106.9	124.5	124.5	124.5	124.5	124.5	96.1	124.5	124.5	124.5	100.3	124.5	124.5	124.5
60-1/4		96.3	112.1	112.1	112.1	112.1	112.1	86.6	112.1	112.1	112.1	90.3	112.1	112.1	112.1
24-1/4	90	140.0	140.0	140.0	140.0	140.0	140.0	133.8	140.0	140.0	140.0	140.0	140.0	140.0	—
30-1/4		119.3	140.0	140.0	140.0	140.0	140.0	107.3	140.0	140.0	140.0	125.9	140.0	140.0	—
36-1/4		140.0	140.0	140.0	140.0	140.0	140.0	134.3	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42-1/4		128.2	140.0	140.0	140.0	140.0	140.0	115.2	140.0	140.0	140.0	120.2	140.0	140.0	140.0
48-1/4		112.2	140.0	140.0	133.7	140.0	140.0	100.9	134.5	140.0	140.0	105.3	131.6	140.0	140.0
54-1/4		99.8	124.5	124.5	118.9	124.5	124.5	89.7	119.6	124.5	124.5	93.6	117.0	124.5	124.5
60-1/4		89.9	112.1	112.1	107.1	112.1	112.1	80.8	107.7	112.1	112.1	84.3	105.4	112.1	112.1
24-1/4	96	139.5	140.0	140.0	140.0	140.0	140.0	125.4	140.0	140.0	140.0	140.0	140.0	140.0	—
30-1/4		111.9	140.0	140.0	133.3	140.0	140.0	100.6	140.0	140.0	140.0	118.1	140.0	140.0	—
36-1/4		140.0	140.0	140.0	140.0	140.0	140.0	125.9	140.0	140.0	140.0	131.4	140.0	140.0	140.0
42-1/4		120.1	140.0	140.0	140.0	140.0	140.0	108.0	140.0	140.0	140.0	112.7	140.0	140.0	140.0
48-1/4		105.2	140.0	140.0	125.3	140.0	140.0	94.6	126.1	140.0	140.0	98.7	123.4	140.0	140.0
54-1/4		93.6	124.5	124.5	111.5	124.5	124.5	84.1	112.1	124.5	124.5	87.8	109.7	124.5	124.5
60-1/4		84.2	112.1	112.1	100.4	112.1	112.1	75.7	101.0	112.1	112.1	79.0	98.8	112.1	112.1
24-1/4	102	131.3	140.0	140.0	140.0	140.0	140.0	118.1	140.0	140.0	140.0	138.6	140.0	140.0	—
30-1/4		105.3	140.0	140.0	125.4	140.0	140.0	94.6	140.0	140.0	140.0	111.1	140.0	140.0	—
36-1/4		131.8	140.0	140.0	140.0	140.0	140.0	118.5	140.0	140.0	140.0	123.6	140.0	140.0	140.0
42-1/4		113.1	140.0	140.0	134.7	140.0	140.0	101.6	135.5	140.0	140.0	106.1	132.6	140.0	140.0
48-1/4		99.0	132.0	140.0	118.0	140.0	140.0	89.0	118.7	140.0	140.0	92.9	116.1	140.0	140.0
54-1/4		88.1	117.4	124.5	104.9	124.5	124.5	79.2	105.6	124.5	124.5	82.6	103.3	124.5	124.5
60-1/4		79.3	105.0	105.0	94.5	105.0	105.0	71.3	95.0	105.0	105.0	74.4	90.0	105.0	105.0
24-1/4	108	124.0	140.0	140.0	140.0	140.0	140.0	111.5	140.0	140.0	140.0	130.9	140.0	140.0	—
30-1/4		99.4	140.0	140.0	118.5	140.0	140.0	89.4	134.1	140.0	140.0	104.9	139.9	140.0	—
36-1/4		124.5	140.0	140.0	140.0	140.0	140.0	111.9	140.0	140.0	140.0	116.8	140.0	140.0	140.0
42-1/4		106.8	140.0	140.0	127.2	140.0	140.0	96.0	128.0	140.0	140.0	100.2	125.2	140.0	140.0
48-1/4		93.5	124.7	140.0	111.4	140.0	140.0	84.1	112.1	140.0	140.0	87.7	109.7	140.0	140.0
54-1/4		83.2	105.0	105.0	99.1	105.0	105.0	74.8	99.7	105.0	105.0	78.0	90.0	105.0	105.0
60-1/4		74.9	99.9	105.0	89.2	105.0	105.0	67.3	89.8	105.0	105.0	70.2	8738.0	105.0	105.0
24-1/4	114	117.5	140.0	140.0	140.0	140.0	140.0	105.6	140.0	140.0	140.0	124.0	140.0	140.0	—
30-1/4		94.2	140.0	140.0	112.1	140.0	140.0	84.7	127.0	140.0	140.0	99.4	132.6	140.0	—
36-1/4		117.9	140.0	140.0	140.0	140.0	140.0	106.0	140.0	140.0	140.0	110.6	138.3	140.0	140.0
42-1/4		101.2	134.9	140.0	120.5	140.0	140.0	90.9	121.3	140.0	140.0	94.9	118.6	140.0	140.0
48-1/4		88.6	118.1	140.0	105.6	140.0	140.0	79.6	106.2	132.7	140.0	83.1	103.9	124.7	140.0
54-1/4		78.8	105.0	105.0	93.9	105.0	105.0	70.8	94.4	105.0	105.0	73.9	90.0	105.0	105.0
60-1/4		70.9	94.6	105.0	84.5	105.0	105.0	63.8	85.0	105.0	105.0	66.6	83.2	99.8	105.0
24-1/4	120	111.6	140.0	140.0	133.0	140.0	140.0	100.4	140.0	140.0	140.0	117.8	140.0	140.0	—
30-1/4		89.5	134.2	140.0	106.6	140.0	140.0	80.4	120.7	140.0	140.0	94.4	125.9	140.0	—
36-1/4		112.0	140.0	140.0	133.5	140.0	140.0	100.7	134.3	140.0	140.0	105.1	131.4	140.0	140.0
42-1/4		96.1	128.2	140.0	114.5	140.0	140.0	86.4	115.2	140.0	140.0	90.2	112.7	135.2	140.0
48-1/4		84.2	112.2	140.0	100.3	133.7	140.0	75.7	100.9	126.1	140.0	78.9	98.7	118.4	138.2
54-1/4		74.9	99.8	105.0	89.2	105.0	105.0	67.3	89.7	105.0	105.0	70.2	87.8	105.0	105.0
60-1/4		67.4	89.9	105.0	80.3	105.0	105.0	60.6	80.8	105.0	105.0	63.2	79.0	94.8	105.0

INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ACCEPTABLE

NOTE:
SEE SHEET 10 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.

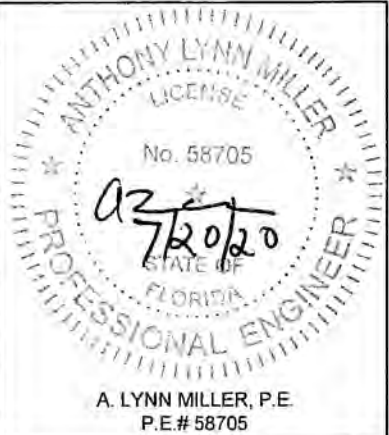
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.08**

Expiration Date **06/12/2023**

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	J ROSOWSKI	Rev.	A
				No.	560-3T-LM-NOA
				DWG	8 OF 17
				Sheet	
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)	DP PER ANCHORS AND SHIM SPACE	SGD560A	Series	
				Desc.	
				Title	
				Config.	



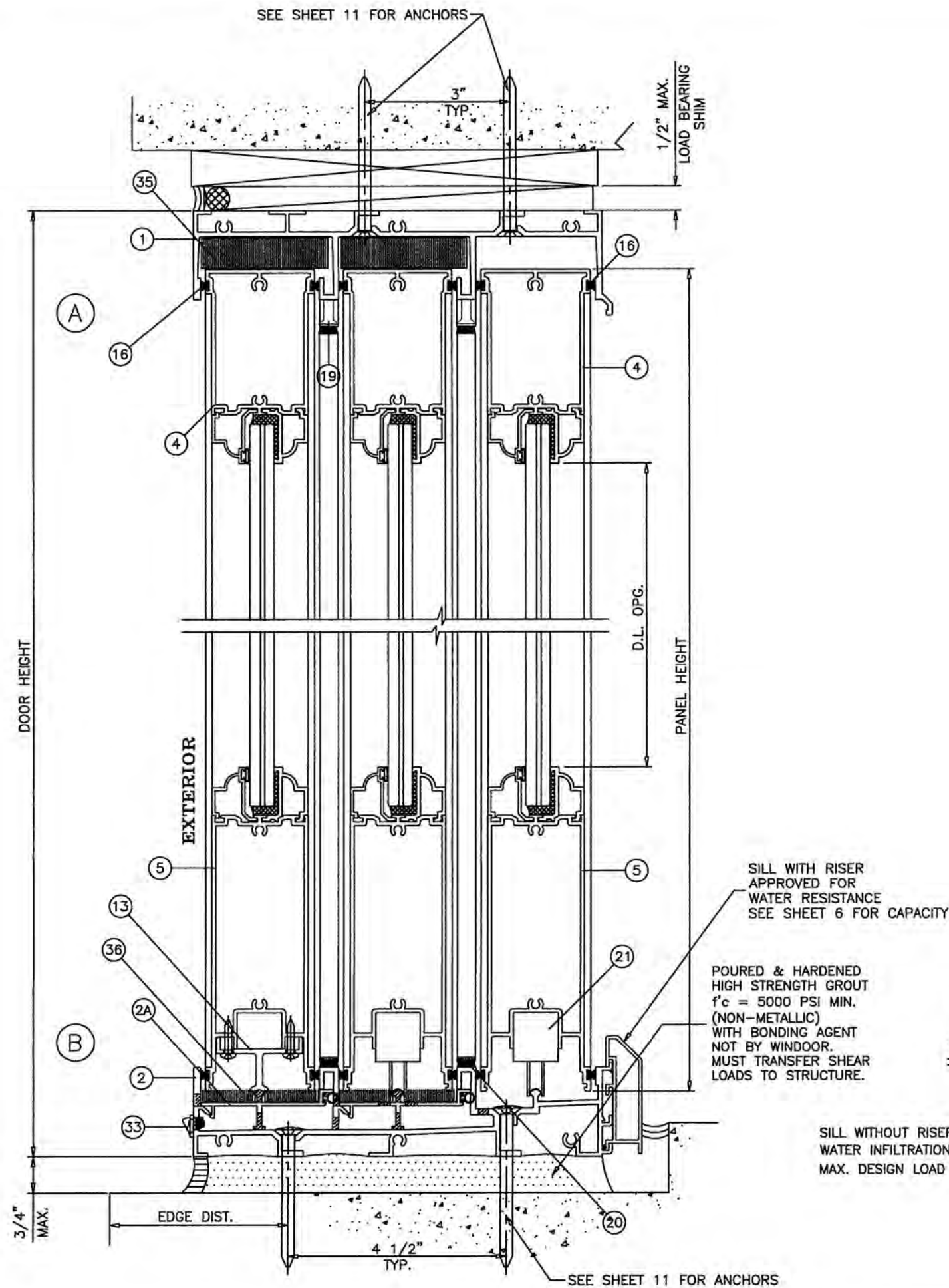
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	ANCH. TYPE AA		ANCH. TYPE BB		ANCH. TYPE AA & BB			ANCHORS TYPE AA & BB			
		1/4" SHIM		1/4" SHIM		3/8" SHIM SPACE			1/2" SHIM SPACE			
		CLUSTER OF		CLUSTER OF		CLUSTER OF			CLUSTER OF			
		5	7	5	7	4	6	8	4	6	8	10
24-1/4	80	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	-
30-1/4		140.0	140.0	140.0	140.0	124.3	140.0	140.0	140.0	140.0	140.0	-
36-1/4		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42-1/4		140.0	140.0	140.0	140.0	0.0	140.0	140.0	140.0	140.0	140.0	140.0
48-1/4		140.0	140.0	140.0	140.0	133.5	140.0	140.0	122.7	140.0	140.0	140.0
54-1/4		124.5	124.5	124.5	124.5	116.9	124.5	124.5	109.1	124.5	124.5	124.5
60-1/4		112.1	112.1	112.1	112.1	104.0	112.1	112.1	98.3	112.1	112.1	112.1
24-1/4	84	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	-
30-1/4		140.0	140.0	140.0	140.0	118.4	140.0	140.0	139.8	140.0	140.0	-
36-1/4		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
42-1/4		140.0	140.0	140.0	140.0	127.1	140.0	140.0	133.5	140.0	140.0	140.0
48-1/4		140.0	140.0	140.0	140.0	111.3	140.0	140.0	116.9	140.0	140.0	140.0
54-1/4		124.5	124.5	124.5	124.5	99.0	124.5	124.5	104.0	124.5	124.5	124.5
60-1/4		112.1	112.1	112.1	112.1	89.1	112.1	112.1	93.6	112.1	112.1	112.1
24-1/4	90	140.0	140.0	140.0	140.0	137.8	140.0	140.0	140.0	140.0	140.0	-
30-1/4		140.0	140.0	140.0	140.0	110.5	140.0	140.0	130.5	140.0	140.0	-
36-1/4		140.0	140.0	140.0	140.0	138.3	140.0	140.0	140.0	140.0	140.0	140.0
42-1/4		140.0	140.0	140.0	140.0	118.7	140.0	140.0	124.6	140.0	140.0	140.0
48-1/4		136.5	140.0	140.0	140.0	103.9	138.5	140.0	109.1	136.4	140.0	140.0
54-1/4		121.4	124.5	124.5	124.5	92.4	123.2	124.5	97.0	121.3	124.5	124.5
60-1/4		109.3	112.1	112.1	112.1	83.2	110.9	112.1	87.4	109.2	112.1	112.1
24-1/4	96	140.0	140.0	140.0	140.0	129.2	140.0	140.0	140.0	140.0	140.0	-
30-1/4		136.1	140.0	140.0	140.0	103.6	140.0	140.0	122.3	140.0	140.0	-
36-1/4		140.0	140.0	140.0	140.0	129.6	140.0	140.0	136.1	140.0	140.0	140.0
42-1/4		140.0	140.0	140.0	140.0	111.2	140.0	140.0	116.8	140.0	140.0	140.0
48-1/4		128.0	140.0	140.0	140.0	97.4	129.9	140.0	102.3	127.8	140.0	140.0
54-1/4		113.8	124.5	124.5	124.5	86.6	115.5	124.5	91.0	113.7	124.5	124.5
60-1/4		102.5	112.1	112.1	112.1	78.0	104.0	112.1	81.9	102.4	112.1	112.1
24-1/4	102	140.0	140.0	140.0	140.0	121.6	140.0	140.0	140.0	140.0	140.0	-
30-1/4		128.1	140.0	140.0	140.0	97.5	140.0	140.0	115.1	140.0	140.0	-
36-1/4		140.0	140.0	140.0	140.0	122.0	140.0	140.0	128.1	140.0	140.0	140.0
42-1/4		137.5	140.0	140.0	140.0	104.7	139.6	140.0	109.9	137.4	140.0	140.0
48-1/4		120.4	140.0	140.0	140.0	91.7	122.2	140.0	96.3	120.3	140.0	140.0
54-1/4		107.1	124.5	124.5	124.5	81.5	108.7	124.5	85.6	107.0	124.5	124.5
60-1/4		96.4	105.0	105.0	105.0	73.4	97.9	105.0	77.1	90.0	105.0	105.0
24-1/4	108	140.0	140.0	140.0	140.0	114.8	140.0	140.0	135.7	140.0	140.0	-
30-1/4		120.9	140.0	140.0	140.0	92.1	138.1	140.0	108.7	140.0	140.0	-
36-1/4		140.0	140.0	140.0	140.0	115.2	140.0	140.0	121.0	140.0	140.0	140.0
42-1/4		129.9	140.0	140.0	140.0	98.9	131.8	140.0	103.8	129.8	140.0	140.0
48-1/4		113.7	140.0	140.0	140.0	86.6	115.4	140.0	90.9	113.6	140.0	140.0
54-1/4		101.2	105.0	105.0	105.0	77.0	102.7	105.0	80.9	90.0	105.0	105.0
60-1/4		91.1	105.0	105.0	105.0	69.3	92.5	105.0	72.8	90.0	105.0	105.0
24-1/4	114	140.0	140.0	140.0	140.0	108.8	140.0	140.0	128.5	140.0	140.0	-
30-1/4		114.6	140.0	134.3	140.0	87.2	103.8	140.0	103.0	137.4	140.0	-
36-1/4		140.0	140.0	140.0	140.0	109.2	140.0	140.0	114.6	140.0	140.0	140.0
42-1/4		123.1	140.0	140.0	140.0	93.7	124.9	140.0	98.3	122.9	140.0	140.0
48-1/4		107.8	140.0	126.3	140.0	82.0	109.4	136.7	86.1	107.6	129.2	140.0
54-1/4		95.8	105.0	105.0	105.0	73.0	97.3	105.0	76.6	90.0	105.0	105.0
60-1/4		86.3	105.0	101.1	105.0	103.4	87.6	105.0	69.0	86.2	103.5	105.0
24-1/4	120	135.8	140.0	140.0	140.0	103.4	140.0	140.0	122.1	140.0	140.0	-
30-1/4		108.9	140.0	127.6	140.0	82.9	124.3	140.0	97.9	130.5	140.0	-
36-1/4		136.3	140.0	140.0	140.0	103.7	138.3	140.0	108.9	136.1	140.0	140.0
42-1/4		116.9	140.0	137.0	140.0	89.0	118.7	140.0	93.4	116.8	140.0	140.0
48-1/4		102.4	136.5	120.0	140.0	77.9	103.9	129.9	81.8	102.0	122.7	140.0
54-1/4		91.0	105.0	105.0	105.0	69.3	92.4	105.0	72.8	90.0	105.0	105.0
60-1/4		82.0	105.0	96.1	105.0	62.4	83.2	105.0	65.5	81.9	98.3	105.0

INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ACCEPTABLE

NOTE:
SEE SHEET 10 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.

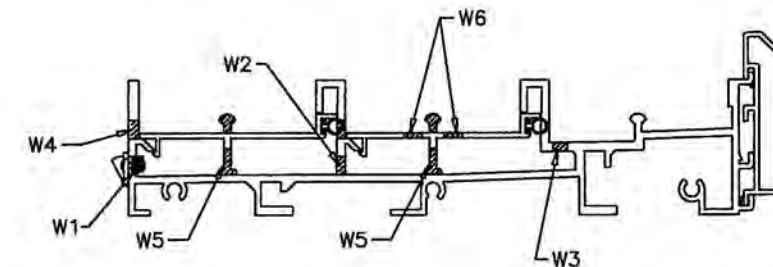
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.08**
Expiration Date **06/12/2023**
By 
Miami-Dade Product Control

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) DP PER ANCHORS AND SHIM SPACE SGD560A	06/10/2020 J ROSOWSKI 560-3T-LM-NOA A	9 OF 17 3-TRACK, LMI
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WEEPS:

- W1 = .30" X 1-5/8" WEEP SLOTS WITH PLASTIC COVER AT 9" FROM EACH END AND $\pm 48"$ O.C.
- W2 = 1/4" X 2" WEEP SLOTS AT 4" FROM EACH END AND $\pm 12"$ O.C.
- W3 = 1/4" X 5/8" WEEP HOLES AT 9" FROM EACH END AND $\pm 48"$ O.C.
- W4 = 1/4" X 2" WEEP SLOTS AT 4" FROM EACH END AND $\pm 12"$ O.C.
- W5 = .35" X 5/8" WEEP HOLES AT $\pm 18"$ O.C.
- W6 = 1/4" X 5/8" WEEP HOLES AT $\pm 18"$ O.C.



PRODUCT REVISED
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NOA-No. **20-0729.08**
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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

10 OF 17

Sheet

3-TRACK, LMI

Config

SGD560A

Series

Desc.

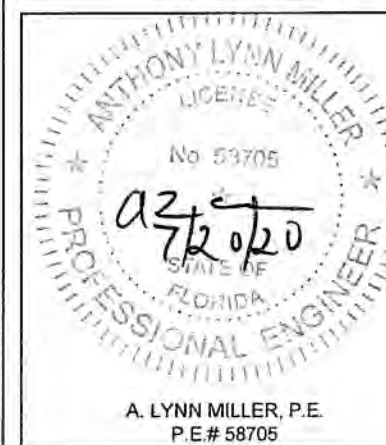
Title

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

560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)

INSTALLATION DETAILS

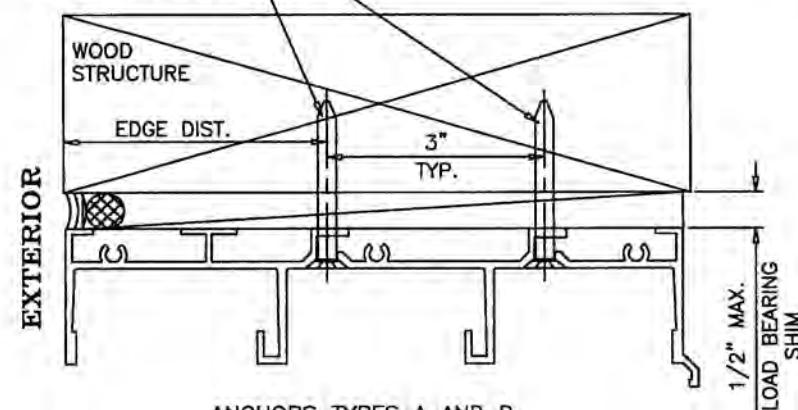
SGD560A



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

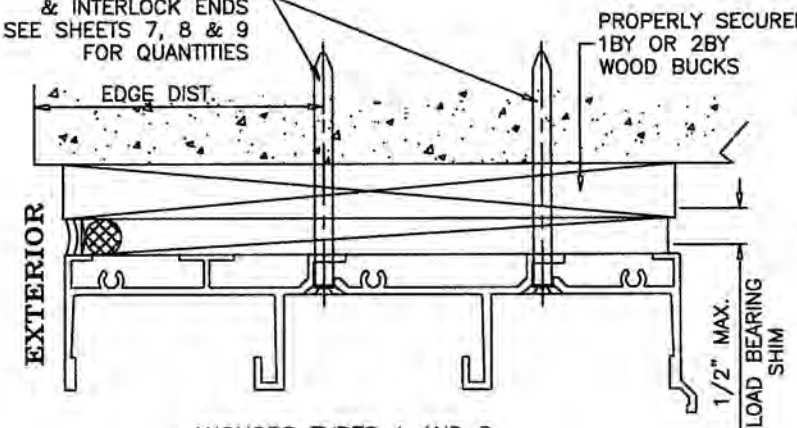
1BY OR 2BY WOOD BUCKS AND METAL STRUCTURES, NOT BY WINDOOR AND MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS
IN CLUSTERS
AT MTG. STILE
& INTERLOCK ENDS
SEE SHEETS 7, 8 & 9
FOR QUANTITIES



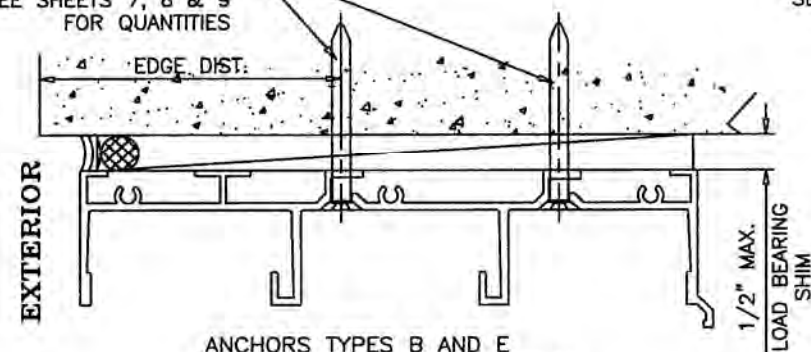
ANCHORS TYPES A AND D
INTO WOOD STRUCTURES

TYPICAL ANCHORS
IN CLUSTERS
AT MTG. STILE
& INTERLOCK ENDS
SEE SHEETS 7, 8 & 9
FOR QUANTITIES



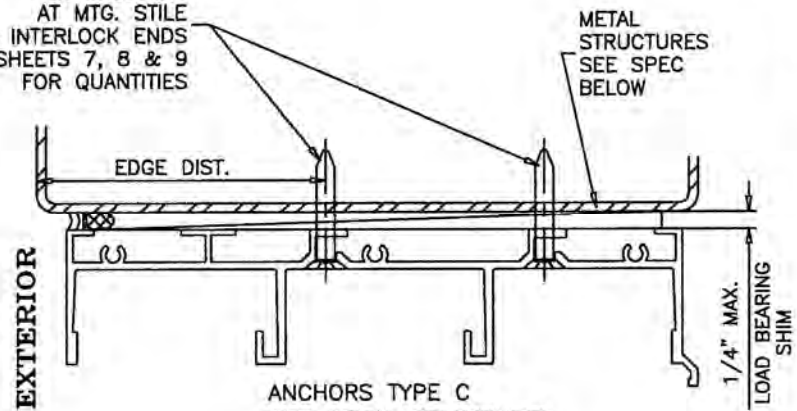
ANCHORS TYPES A AND D
THRU PROPERLY SECURED 1BY OR 2BY
WOOD BUCKS INTO 3 KSI CONCRETE

TYPICAL ANCHORS
IN CLUSTERS
AT MTG. STILE
& INTERLOCK ENDS
SEE SHEETS 7, 8 & 9
FOR QUANTITIES



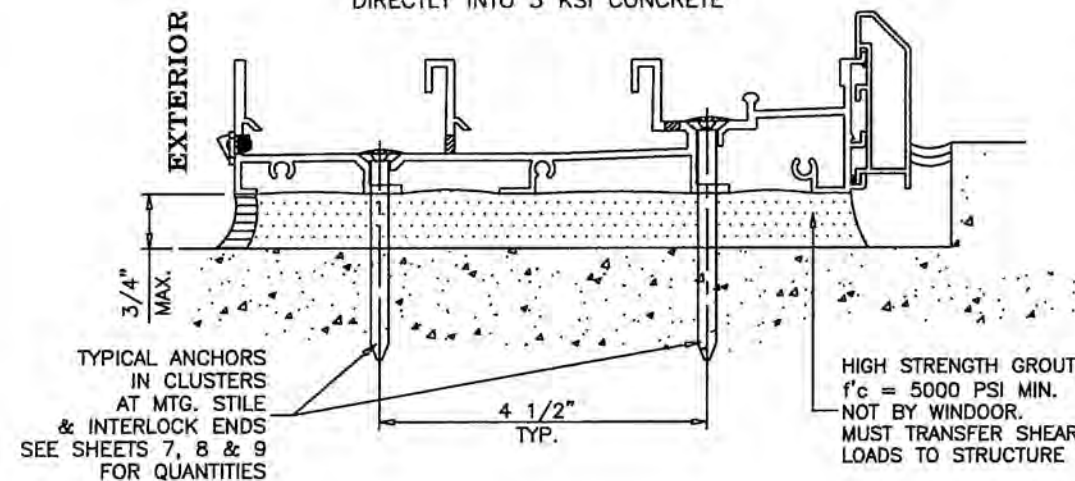
ANCHORS TYPES B AND E
DIRECTLY INTO 3 KSI CONCRETE

TYPICAL ANCHORS
IN CLUSTERS
AT MTG. STILE
& INTERLOCK ENDS
SEE SHEETS 7, 8 & 9
FOR QUANTITIES



ANCHORS TYPE C
INTO METAL STRUCTURES
OR APPROVED MULLIONS

ANCHORS TYPE B
DIRECTLY INTO 3 KSI CONCRETE



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.

HIGH STRENGTH GROUT
 $f'_c = 5000$ PSI MIN.
NOT BY WINDOOR.
MUST TRANSFER SHEAR
LOADS TO STRUCTURE

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A' - $1/4"$ 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 $1-1/4"$ MIN. EMBED INTO BLOCKS (JAMBS)

TYPE 'B' - $1/4"$ DIA ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI)
DIRECTLY INTO CONC. OR BLOCKS
 $2"$ MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL)
 $2"$ 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 CONC. OR BLOCKS
 $2"$ MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL)
 $2"$ MIN. EMBED INTO GROUT FILLED 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

TYPE 'AA' - $5/16"$ DIA ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI)
INTO WOOD STRUCTURES
WITH $1-7/8"$ MIN. PENETRATION INTO WOOD (HEAD/JAMBS/SILL)
THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR BLOCKS
WITH $1-3/4"$ MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL)
WITH $1-3/4"$ MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

TYPE 'BB' - $5/16"$ 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)

ANCHOR EDGE DISTANCES (UNLESS OTHERWISE NOTED)

INTO CONCRETE AND BLOCKS = $2-1/2"$ MIN.
INTO WOOD STRUCTURE = $1"$ MIN. ($1/4"$ DIA. ANCHORS)
= $1-1/4"$ MIN. ($5/16"$ DIA. ANCHORS)
INTO METAL STRUCTURE = $1/2"$ MIN.

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.

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By 
Miami-Dade Product Control

ADDED ANCHOR TYPE
- JR - 6/11/20

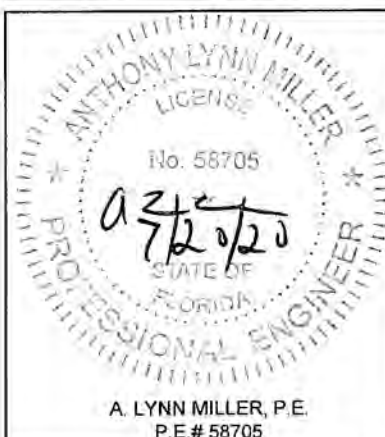
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

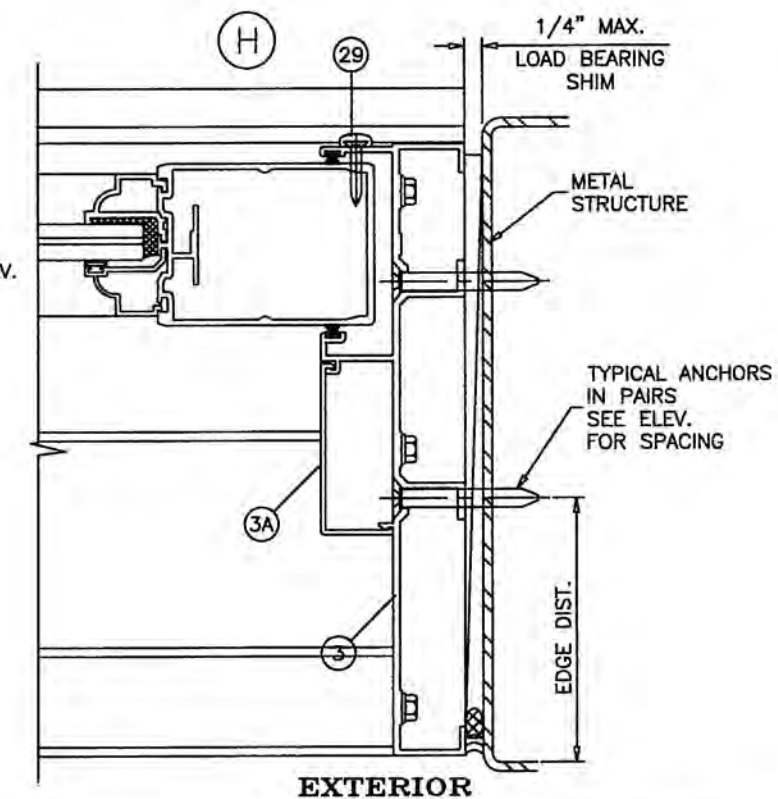
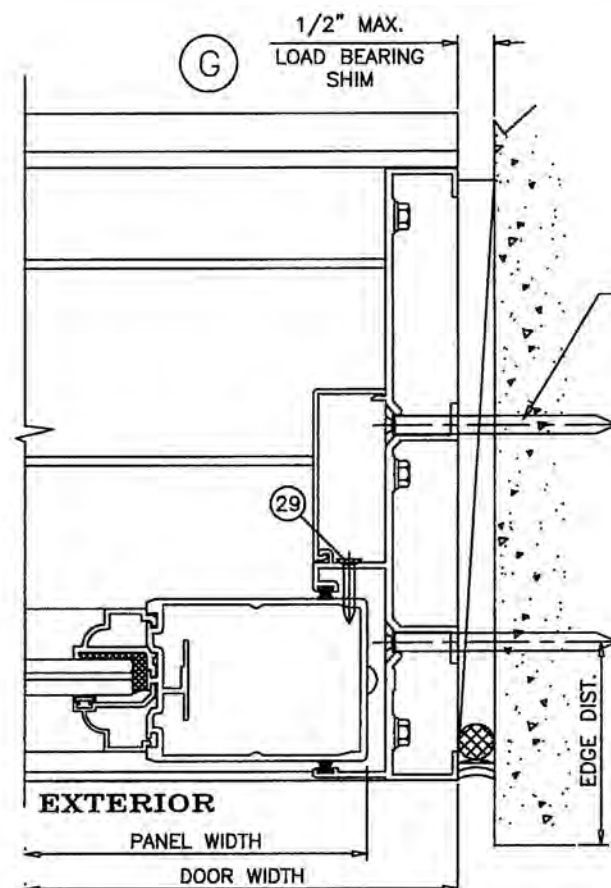
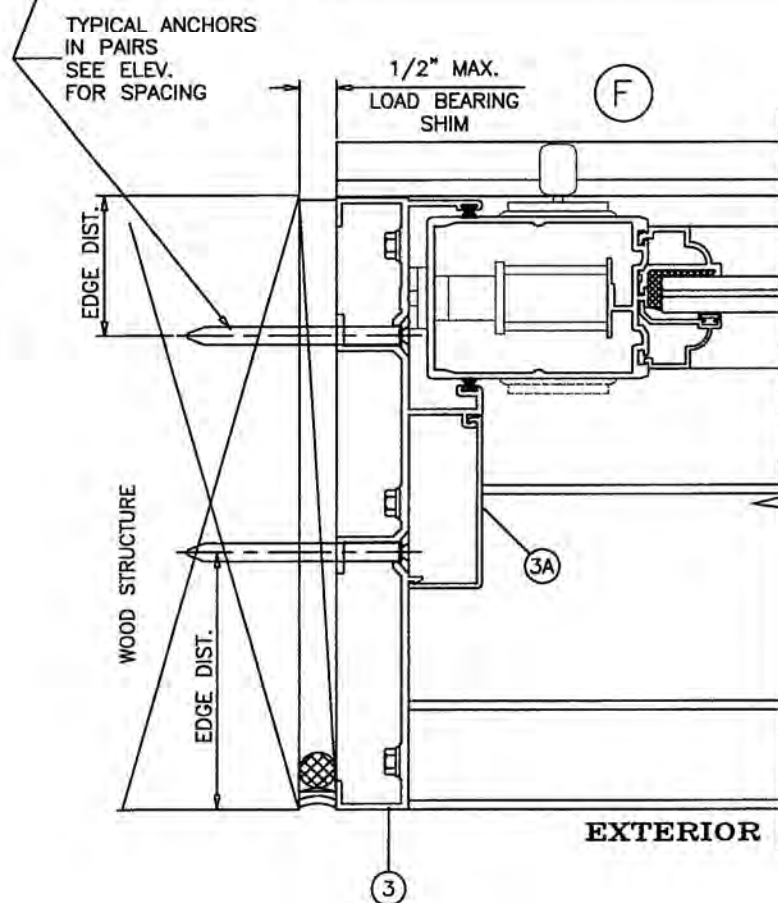
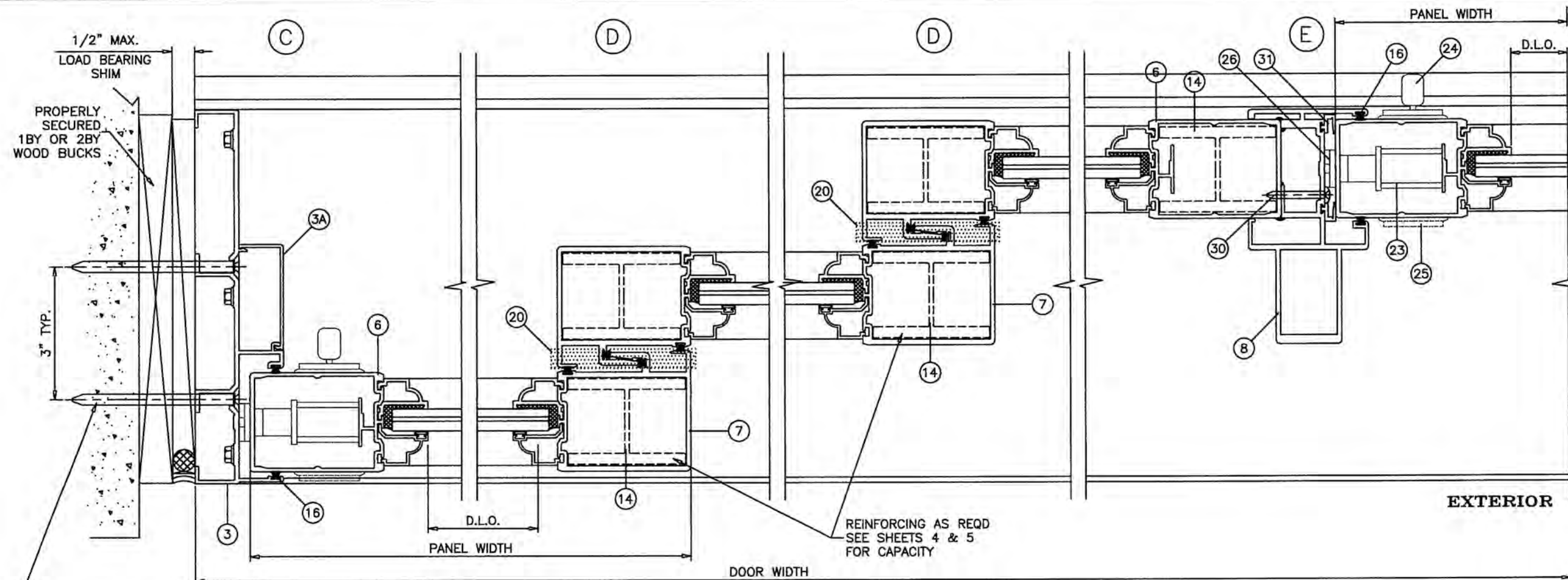
Rev.	Date	By	Drawn	DWG	Sheet	Config	Series
A	06/10/2020	J ROSOWSKI	J ROSOWSKI	5660-3T-LM-NOA	11 OF 17	3-TRACK, LMI	SGD560A

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

INSTALLATION DETAILS



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



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

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Miami-Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
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(941) 480-1600

REGISTRATION #29296

Date 06/10/2020

By J ROSOWSKI

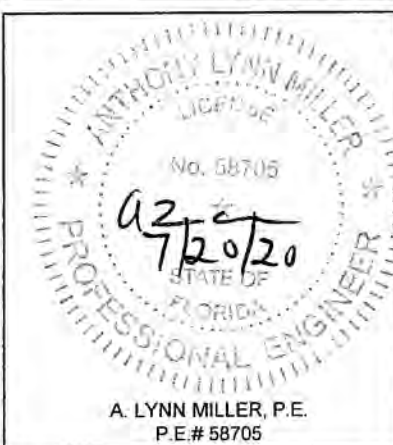
No. 560-3T-LM-NOA A

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560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)

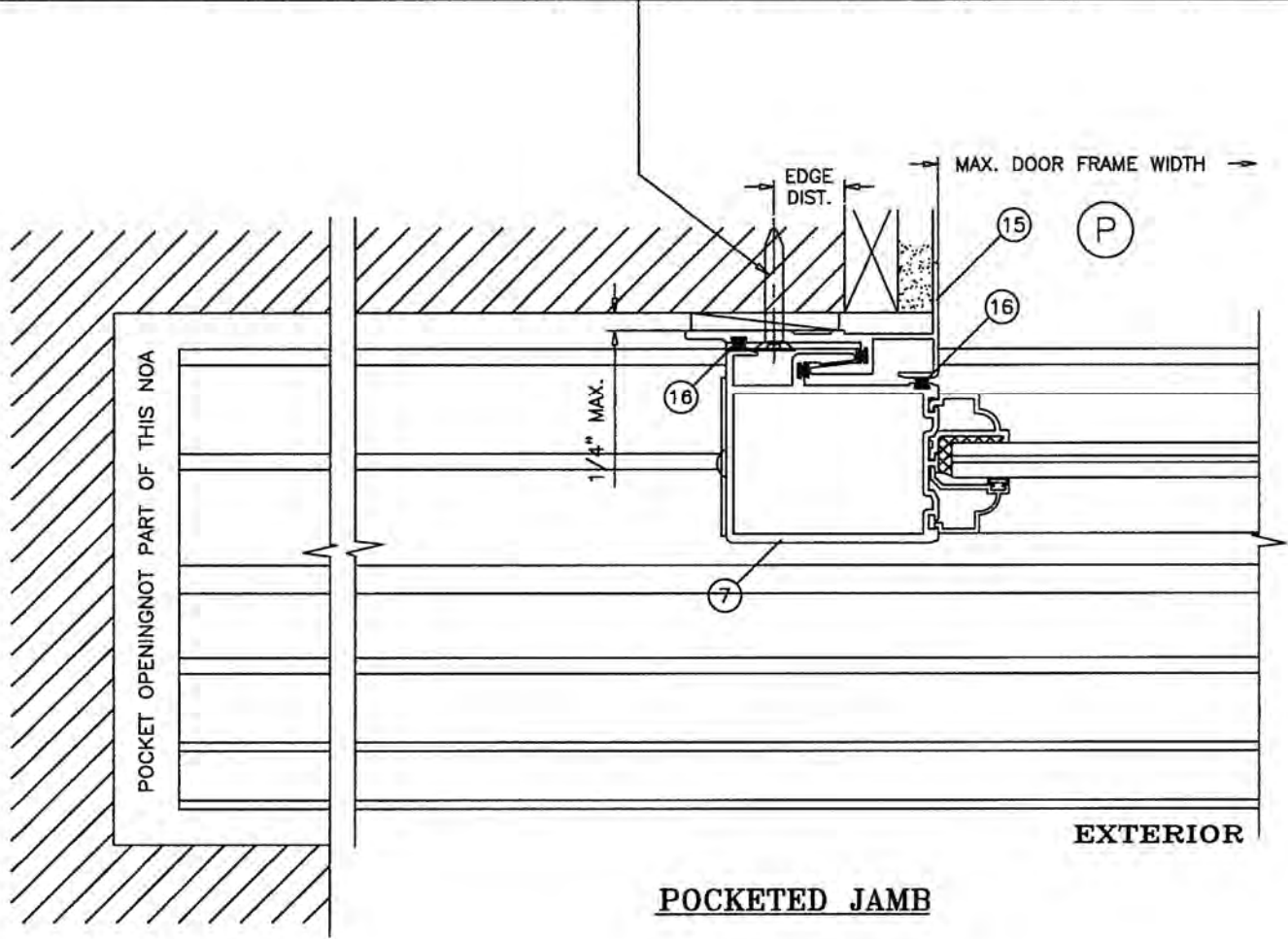
INSTALLATION DETAILS

3-TRACK, LMI



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	47.9	47.9	41.9	41.9	37.3	37.3	33.6	33.6
	CONCRETE	1-3/4"	1"	140.0	140.0	140.0	140.0	137.8	137.8	122.5	122.5	110.3	110.3
#14 SMS (GRADE 2 OR 5 CRS)	WOOD	1-3/4"	3/4"	140.0	140.0	140.0	140.0	131.0	131.0	116.5	116.5	104.9	104.9

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



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By 
Miami-Dade Product Control

ADDED ANCHOR TYPE
- JR - 6/11/20

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
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REGISTRATION #29296

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104 TRIPLE DIAMOND BLVD.
N. VENICE, FL 34275
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560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)

INSTALLATION DETAILS, POCKET

SGD560A

3-TRACK, LMI

13 OF 17

DWG

Rev.

A

Drawn By

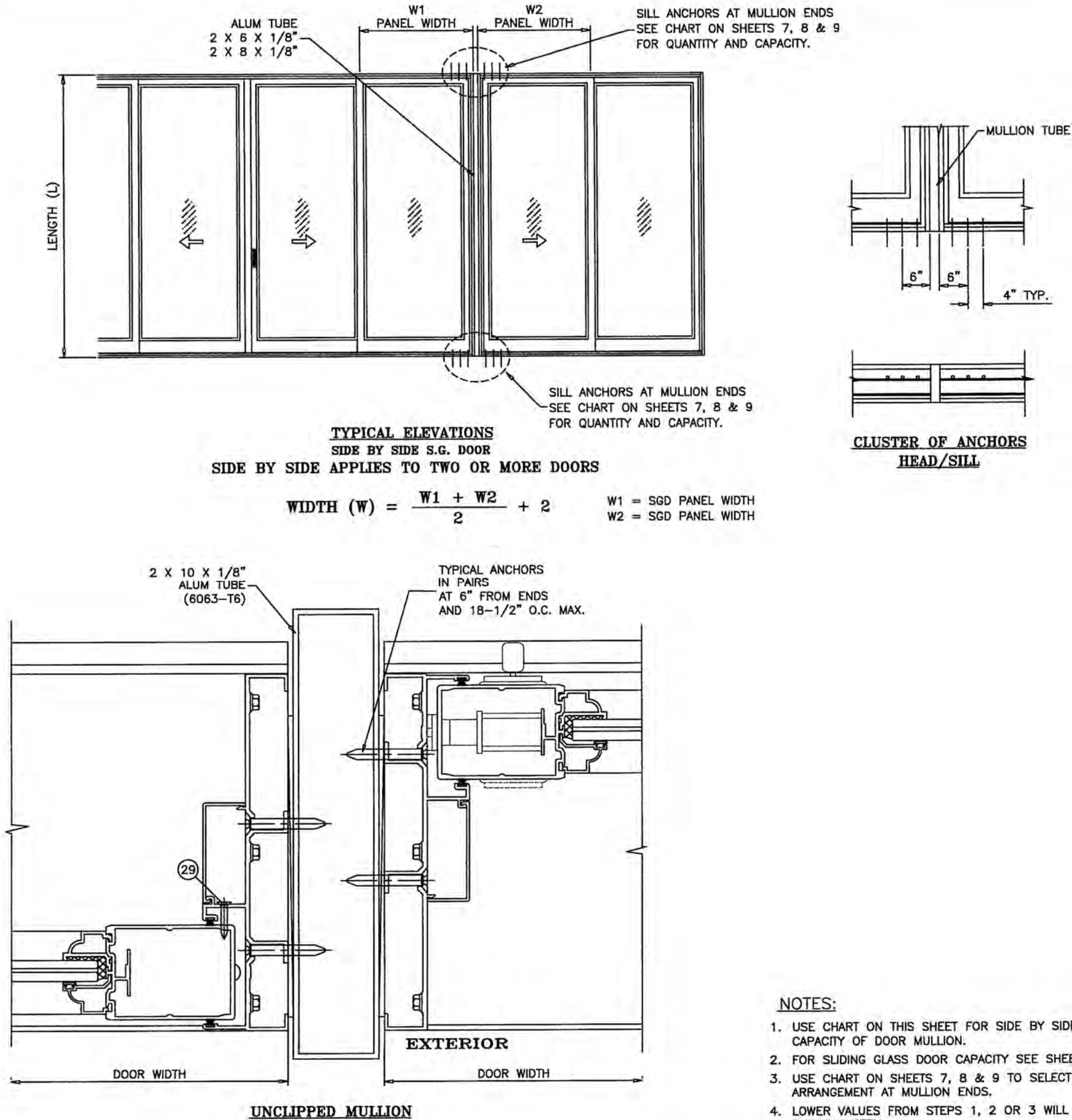
J ROSOWSKI

Date 06/10/2020



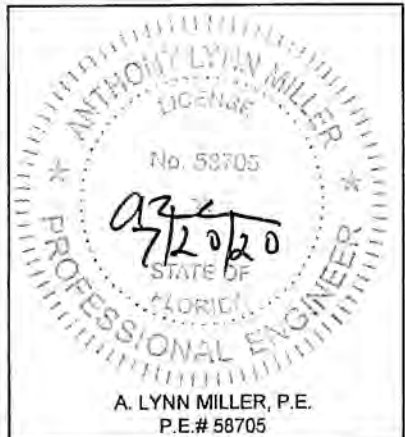
A. LYNN MILLER, P.E.
P.E.# 58705

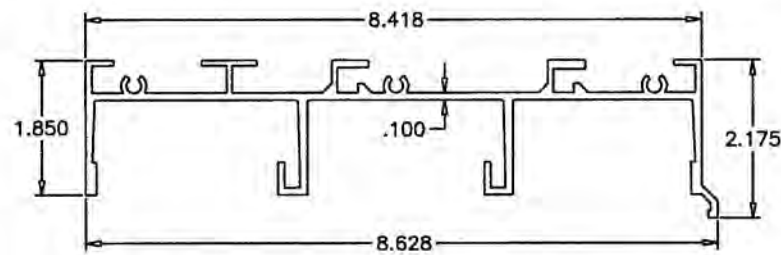
MULLION LOAD CAPACITY - PSF		
DIMS.		2 X 10 X 1/8"
WIDTH (W) INCHES	LENGTH (L) INCHES	EXT.(+) INT.(-)
26-1/4	84	140.0
32-1/4		140.0
38-1/4		140.0
44-1/4		140.0
50-1/4		140.0
56-1/4		140.0
62-1/4		140.0
26-1/4	90	140.0
32-1/4		140.0
38-1/4		140.0
44-1/4		140.0
50-1/4		140.0
56-1/4		140.0
62-1/4		140.0
26-1/4	96	140.0
32-1/4		140.0
38-1/4		140.0
44-1/4		140.0
50-1/4		140.0
56-1/4		140.0
62-1/4		140.0
26-1/4	102	140.0
32-1/4		140.0
38-1/4		140.0
44-1/4		140.0
50-1/4		140.0
56-1/4		140.0
62-1/4		140.0
26-1/4	108	140.0
32-1/4		140.0
38-1/4		140.0
44-1/4		140.0
50-1/4		140.0
56-1/4		140.0
62-1/4		140.0
26-1/4	114	140.0
32-1/4		140.0
38-1/4		140.0
44-1/4		140.0
50-1/4		140.0
56-1/4		140.0
62-1/4		140.0
26-1/4	120	140.0
32-1/4		140.0
38-1/4		140.0
44-1/4		140.0
50-1/4		140.0
56-1/4		140.0



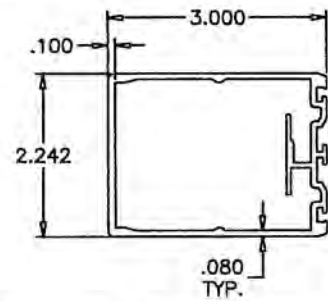
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.08**
Expiration Date **06/12/2023**
By
Miami-Dade Product Control

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.	560-3T-LM-NOA
					DWG	
					14 OF 17	
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)				Sheet	
	DP FOR MULLION				3-TRACK, LMI	
	SGD560A				Contig.	
					Series Desc.	

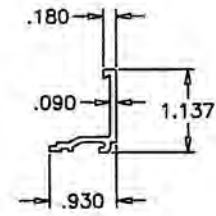




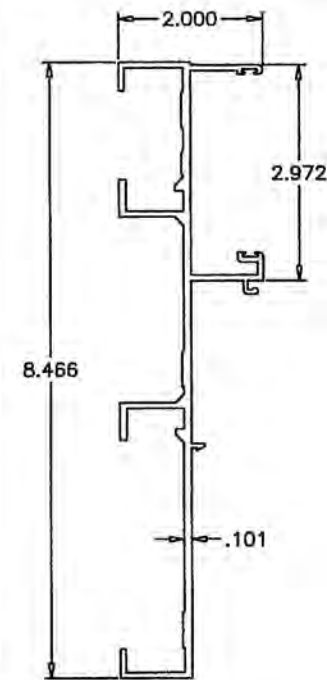
① FRAME HEAD



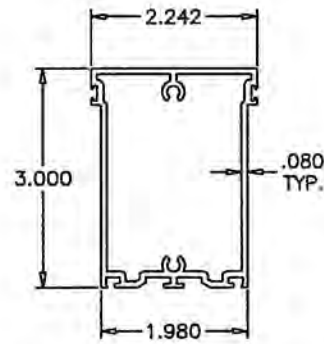
⑥ JAMB/LOCK STILE



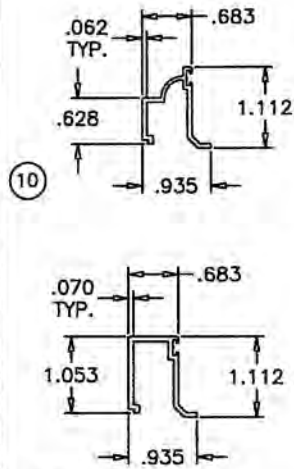
⑫ INSUL. GLASS ADAPTER



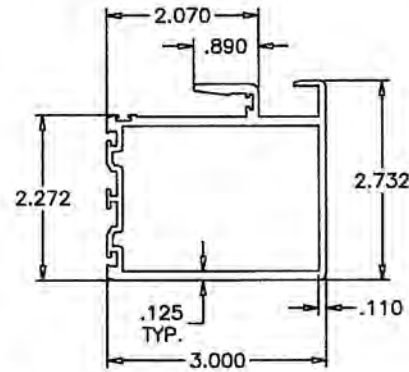
③ FRAME JAMB



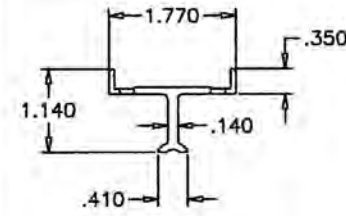
④ TOP RAIL



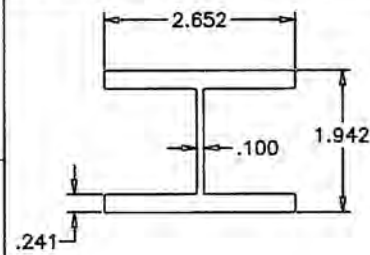
⑩ GLAZING BEADS



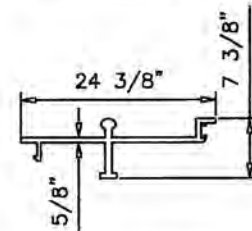
⑦ INTERLOCK STILE



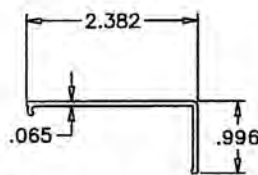
⑬ FIX. PANEL BASE



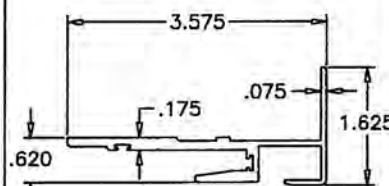
⑭ STILE REINFORCING



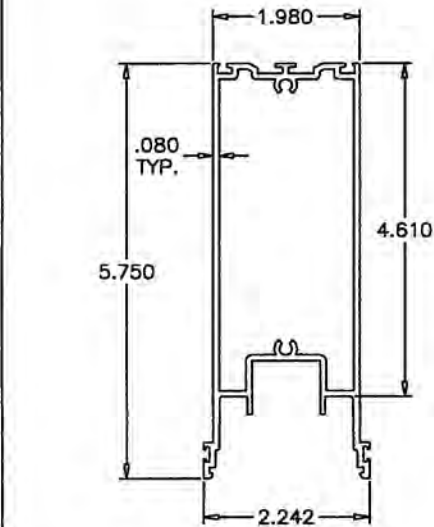
②A TRACK INSERT



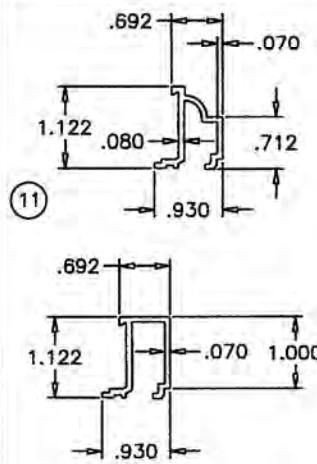
③A JAMB COVER



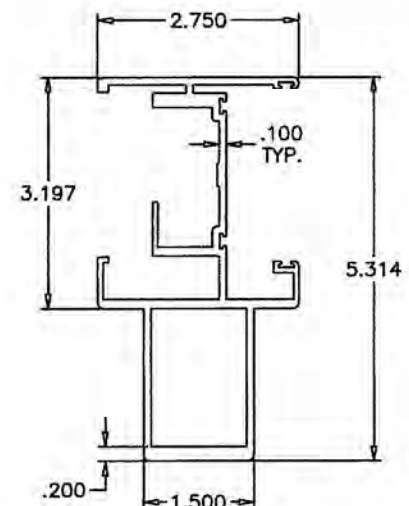
⑮ POCKET DOOR HOOK



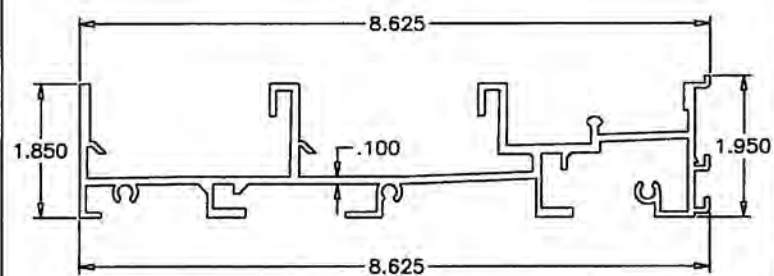
⑤ BOTTOM RAIL



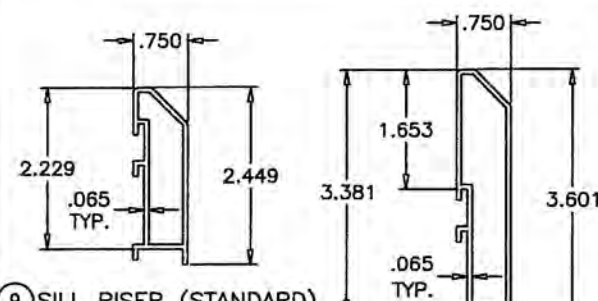
⑪A GLASS ADAPTERS



⑧ ASTRAGAL STILE



② FRAME SILL



⑨ SILL RISER (STANDARD)

⑨A SILL RISER (HI-RISE)

PRODUCT REVISED
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NOA-No. **20-0729.08**

Expiration Date **06/12/2023**

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

No. 5660-3T-LM-NOA

DMC

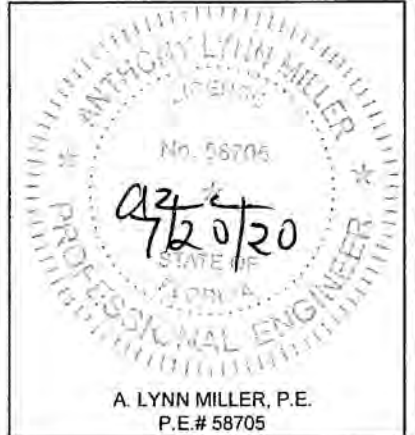
15 OF 17

Sheet 3-TRACK, LMI

Config. SGD560A

Series Desc. Title

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


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

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	CGI-572	1	FRAME HEAD	6063-T6	-
2	CGI-573	1	FRAME SILL	6063-T6	-
2A	CGI-575	AS REQD.	TRACK INSERT	6063-T6	-
3	CGI-574	2	FRAME JAMB	6063-T6	-
3A	CGI-576	AS REQD.	JAMB COVER	6063-T6	-
4	CGI-574	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	-

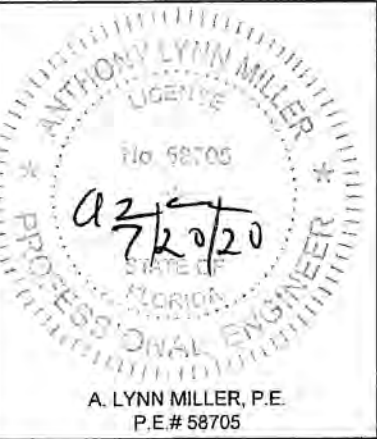
ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER	REMARKS
16	VARIES	VARIES	WOOL PILE WEATHERSTRIPPING WITH FIN	PILE	ULTRAFAB OR EQUAL	.187" BASE X .290" TRI-FIN (USED HORIZONTALLY) .187" BASE X .290" SINGLE CENTER FIN (USED VERT.)
17	CGI-382V	VARIES	GLAZING BEAD BULB	VINYL	CUSTOM EXTRUDED	
18	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

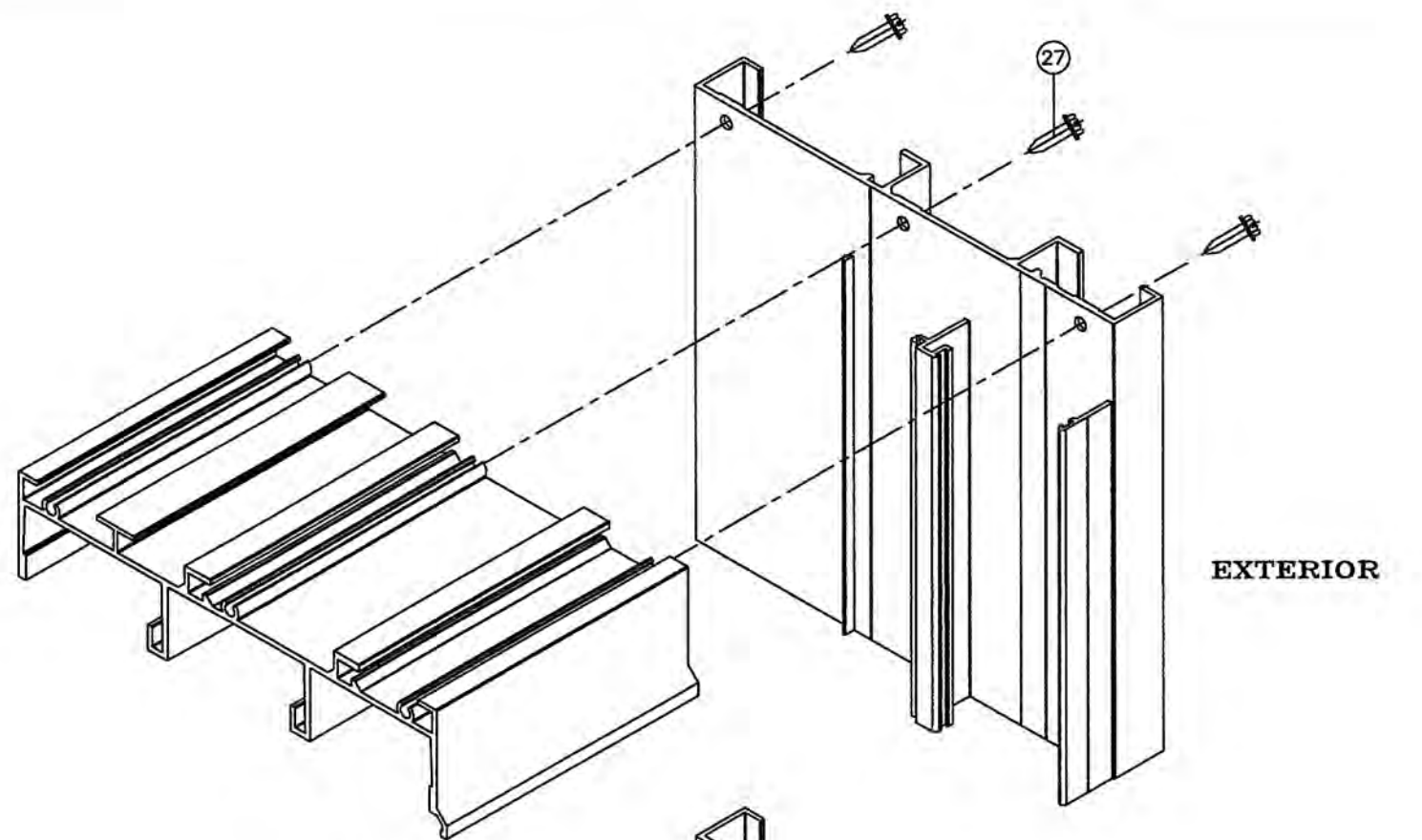
SEALANTS:

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

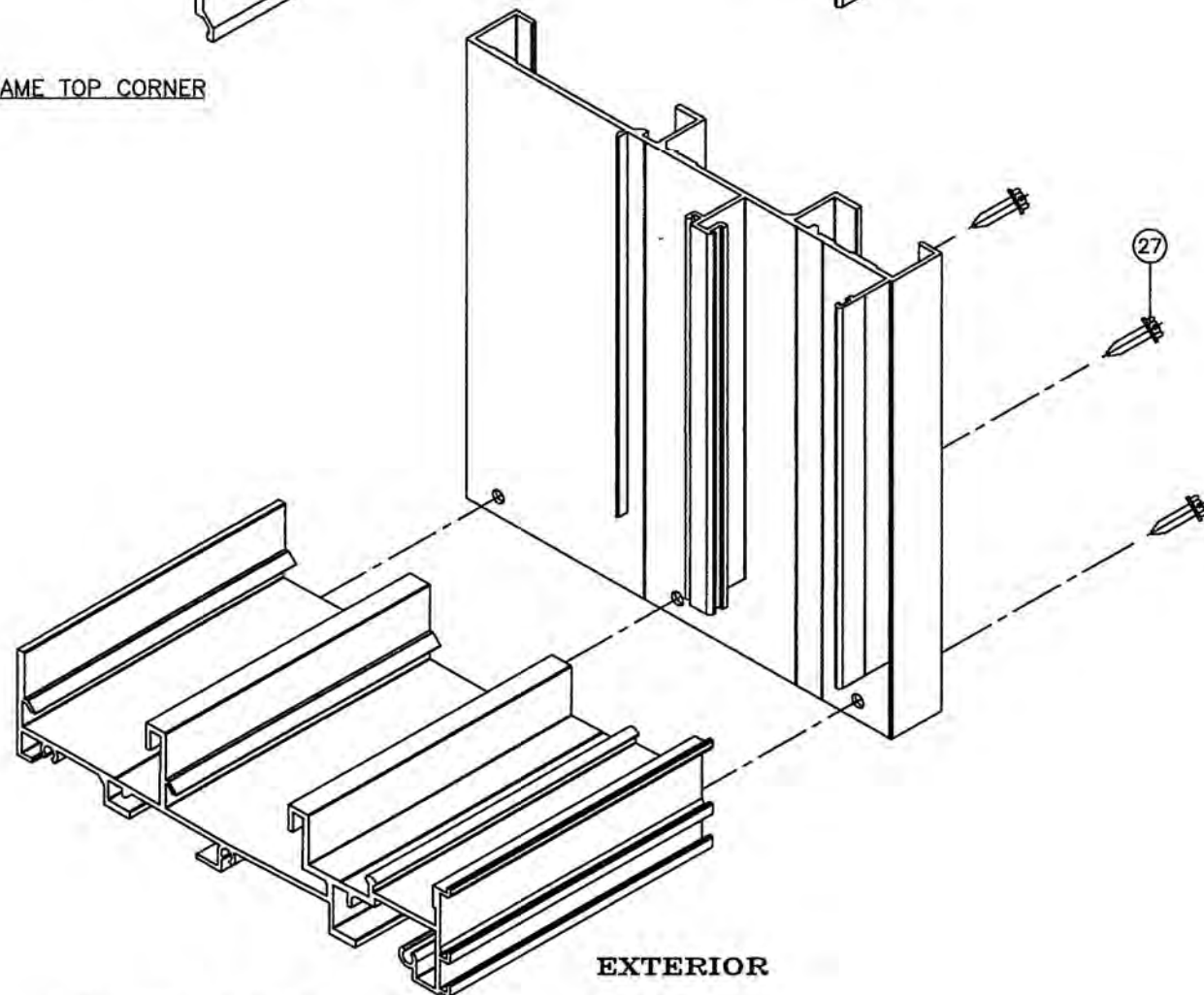
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Revision:	
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
REGISTRATION #29296	
Date	06/10/2020
By	J ROSOWSKI
No.	560-3T-LM-NOA
DWG	16 OF 17
Sheet	3-TRACK, LMI
Config	SGD560A
Series	560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)
Desc.	BILL OF MATERIALS
Title	



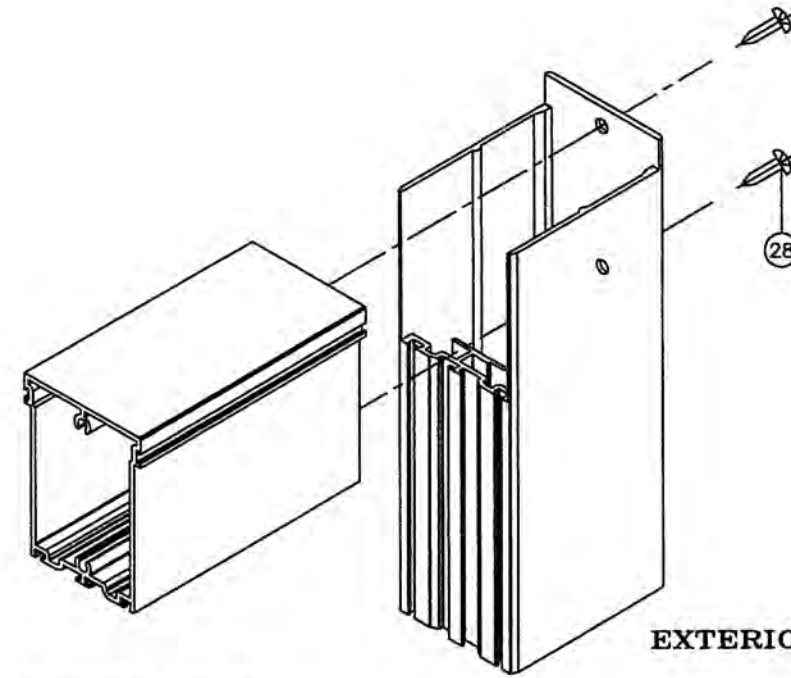


FRAME TOP CORNER



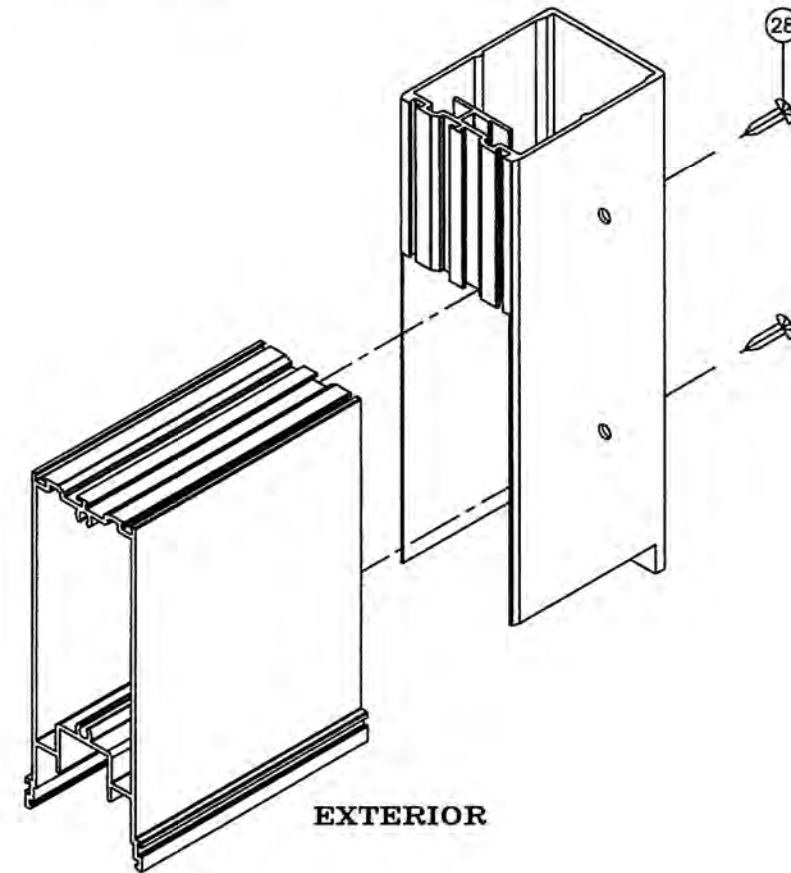
FRAME BOTTOM CORNER

EXTERIOR



PANEL TOP CORNER

EXTERIOR



PANEL BOTTOM CORNER

EXTERIOR

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Revision:

WINDOOR® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432				REGISTRATION #29296			
560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)				Date	06/10/2020		
CORNER DETAILS				Drawn By	J ROSOWSKI		
SGD560A				Config	3-TRACK, LMI		Sheet
17 OF 17				DWG No.	560-3T-LM-NOA		Rev. A

