



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

NOTICE OF ACCEPTANCE (NOA)

CGI WINDOWS and DOORS, INC.

3780 W. 103rd Street

Hialeah, FL 33018

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "560" Aluminum Sliding Glass Door (2-tracks) w/ wo Reinforcements – L.M.I.

APPROVAL DOCUMENT: Drawing No. **560A-2T-LM-NOA Rev A**(former **W08-04 Rev L**), titled Series "560 Aluminum Sliding Glass Door (LMI)", sheets 1 through 16 of 16, prepared by manufacturer, dated 07/20/20, 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 Revision date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:

1. Pocket wall is not part of this approval and to be reviewed by AHJ.
2. See Design Pressure (DP) table: Sizes Vs glass types and Interlock/lock reinforcing in sheet **3** & **4**. See Exterior positive DP Vs sill w/ sill Riser rating on sheet **5**. See anchor types, clusters, shim space Vs DP capacity in sheets **7** & **8**. Lower capacity shall control for the entire assembly.
3. Max 4-panels or less configured SGD w/wo pockets are allowed w/ max 120" door frame Height. See Panel Vs allowable frame width in sheets **2** & **3**.

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

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

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

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

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

This NOA **revises** NOA # **18-1128.11** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5 & E-6, as well as approval document mentioned above.

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



Ishaq I. Chanda

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. **Evidence submitted under previous approvals**
- A. **DRAWINGS**
 1. Manufacturer's die drawings and sections.
 2. Drawing No. **W08-14**, titled "Series 560 Alum sliding Glass Door", sheets 1 through 13 of 13, prepared by Al-Farooq Corporation, dated 02/08/08 and last revised on May 18, 2008, signed and sealed by late Dr. Humayoun Farooq, P.E.
- B. **TESTS (Submitted under NOA #08-0304.05)**
 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
 - 6) Forced Entry Test, per FBC, TAS 202-94

Along with manufacturer's parts and section drawing marked-up drawings of aluminum SGD, by Hurricane Engineering Testing, Inc., Test Report No. **HETI-07-4405, 07-4416, 07-4418, 07-4424, 07-4425, 07-4425** and **07-4427**, dated 12/27/07 thru 01/31/08, signed and sealed by Candido Font, P.E. (Note: Test report No(s) **HETI-07-4405** and **07-4416** have been revised and reissued on April 08, 2008 by Hurricane Engineering Testing, Inc, signed and sealed by Candido Font, P.E.).
- C. **CALCULATIONS**
 1. Structural analysis & anchor verification dated 02-28-08 and last revised on 05/19/08, prepared by Al-Farooq Corp., complying w/ FBC 2004 prepared, signed and sealed by late Dr. Humayoun Farooq, P.E.
 2. Glazing complies with ASTM E1300-02.
- D. **QUALITY ASSURANCE**
 1. Miami Dade Department of Regulatory and Economic Resources (RER).
- E. **MATERIAL CERTIFICATIONS**
 1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DE Nemours & CO., Inc. for "DuPont Sentry Glass Plus", expiring on January 14, 2012.
 2. Notice of Acceptance No. **03-0415.13** issued to Solutia, Inc. for "Vanceva™ Composite interlayer", expiring on December 11, 2008.
- F. **STATEMENTS**
 1. Statement letter of conformance and no financial interest, dated 01-30-08, signed by late Dr. Humayoun Farooq, P.E.
 2. Statement letter of lab compliance, part of the above test reports.
- G. **OTHER**
 1. Test proposal # 07-3001-R dated 10-23-07, approved by BCCO.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0729.05
Expiration Date: June 12, 2023
Approval Date: October 29, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Previous Evidence submitted.

A. DRAWINGS

1. Drawing No. **W08-14**, titled “Series 560 Alum Sliding Glass Door – LMI”, sheets 1 through 13 of 13, including sheets 2.1 and 9.1, dated 02/08/08, prepared by Al-Farooq Corporation, with latest revision “H” dated 02/29/16, signed and sealed by Javad Ahmad, P. E.

B. TESTS (submitted under # 09-1209.06)

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

along with marked-up drawings and installation diagram of an aluminum SGD, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0080-0707-09**, dated 11/10/09, signed and sealed by Vinu J. Abraham, P. E.

C. CALCULATIONS (Submitted under previous NOA No. 15-0302.06)

1. Anchor verification calculations and structural analysis, complying with **FBC-2014, 5th edition**, dated 02/25/15 and 12/09/15, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0423.15** issued to Eastman Chemical Company (MA). for their “**Saflex CP- Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 06/19/2014, expiring on 12/11/2018.
2. Notice of Acceptance No. **14-0916.11** issued to Kuraray America, Inc. for their “**SentryGlas (Clear and White) Glass Interlayers**” dated 06/25/2015, expiring on 07/04/2018.

F. STATEMENTS (Submitted under previous NOA No. 15-0302.06)

1. Statement letter of no financial interest, conformance and compliance with the **FBC-2014, 5th edition**, dated 02/25/15, signed and sealed by Javad Ahmad, P. E.
2. Statement letter of lab compliance, part of the above test report.

G. OTHER

1. This NOA **revises** for 1-year NOA # **16-0303.01**, expiring on 06/12/17.
2. Test Proposal No. **16-1527** issued by Product Control, dated 12/22/16, signed by Jorge Plasencia, P. E
3. BCCO Test proposal #**08-1653**, approved on 01/28/2009, signed by Ishaq I. Chanda, P.E.
4. BCCO Proposals No.’s **07-3001-R** and **07-3001-R-1**, dated 10/23/07 and 01/10/08 both approved and signed by Ishaq Chanda, P. E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0729.05
Expiration Date: June 12, 2023
Approval Date: October 29, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. PREVIOUS EVIDENCE SUBMITTED under file #17-0307.11

A. DRAWINGS

1. Drawing No. **W08-14**, titled “Series 560 Alum Sliding Glass Door – LMI”, sheets 1 through 13 of 13, including sheets 2.1, 3.1 and 9.1, dated 02/08/08, prepared by Al-Farooq Corporation, with latest revision “K” dated 05/02/18, signed and sealed by Javad Ahmad, P. E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBCTAS 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
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 7) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of an aluminum SGD, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9547**, dated 06/19/17, signed and sealed by Idalmis Ortega, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, dated 12/11/17, 04/02/15 and 05/08/18, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0712.03** issued to Eastman Chemical Company (MA) for their “**Saflex CP- Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 09/07/17, expiring on 12/11/2018.
2. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. for their “**SentryGlas (Clear and White) Glass Interlayers**”, expiring on /04/2023.

F. STATEMENTS

1. Statement letter of conformance to **FBC 6th Edition (2017)**, and of no financial interest, dated 09/18/17, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHERS

1. This NOA **revises** and **renews** NOA #17-0307.11, expiring on 06/12/23.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0729.05
Expiration Date: June 12, 2023
Approval Date: October 29, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under previous submittal.

A. DRAWINGS

1. Drawing No. **W08-04 Rev L**, titled Series “560 Aluminum Sliding Glass Door (LMI)”, sheets 1 through 13 (inclusive 2.1, 3.1 and 9.1) of 13, prepared by Al-Farooq Corporation, dated 02/08/08 and last revised on JUN 13, 2019, signed and sealed by Javad Ahmad, P. E.

B. TESTS

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

along with marked-up drawings of an aluminum SGD, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 19-936**, dated 04/15/19, signed and sealed by Idalmis Ortega, P. E.

2. REF 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) Forced Entry Test, per FBC, TAS 202-94

along with marked-up drawings and installation diagram of an aluminum SGD, prepared by Hurricane Engineering Testing, Inc., Test Reports No. **HETI-07-4416** dated DEC 27, 2007 and revised on 04/28/2008, signed and sealed by Candido F. Font, P.

C. CALCULATIONS (submitted under #17-1226.04)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. 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.
2. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for their “**SentryGlas (Clear and White) Glass Interlayers**”, expiring on /04/2023.

F. STATEMENTS (submitted under #17-1226.04)

1. Statement letter of conformance to **FBC 6th Edition (2017)**, and of no financial interest, dated 06/06/19, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of lab compliance, part of the above test report.

G. OTHER

1. This NOA revises NOA # **17-1226.04**, expiring 06/12/2023.
2. Test proposal # **19-0219** dated March 13, 2019 approved by RER.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0729.05
Expiration Date: June 12, 2023
Approval Date: October 29, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. New Evidence submitted

A. DRAWINGS

1. Drawing No. **560A-2T-LM-NOA Rev A** (former **W08-04 Rev L**), titled Series “560 Aluminum Sliding Glass Door (LMI)”, sheets 1 through 16 of 16, prepared by manufacturer, dated 07/20/20, signed and sealed by 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).

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0729.05
Expiration Date: June 12, 2023
Approval Date: October 29, 2020

CGI WINDOWS and DOORS, INC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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. OTHER

1. This NOA revises **NOA #18-1128.11**, for FBC 2020 update, expiring 06/12/23.
2. RER Test proposals **#19-1155** dated 01/10/20 approved by Ishaq I. Chanda, P.E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0729.05
Expiration Date: June 12, 2023
Approval Date: October 29, 2020

SERIES SGD560A ALUMINUM,
2-TRACK SLIDING GLASS DOOR
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 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.

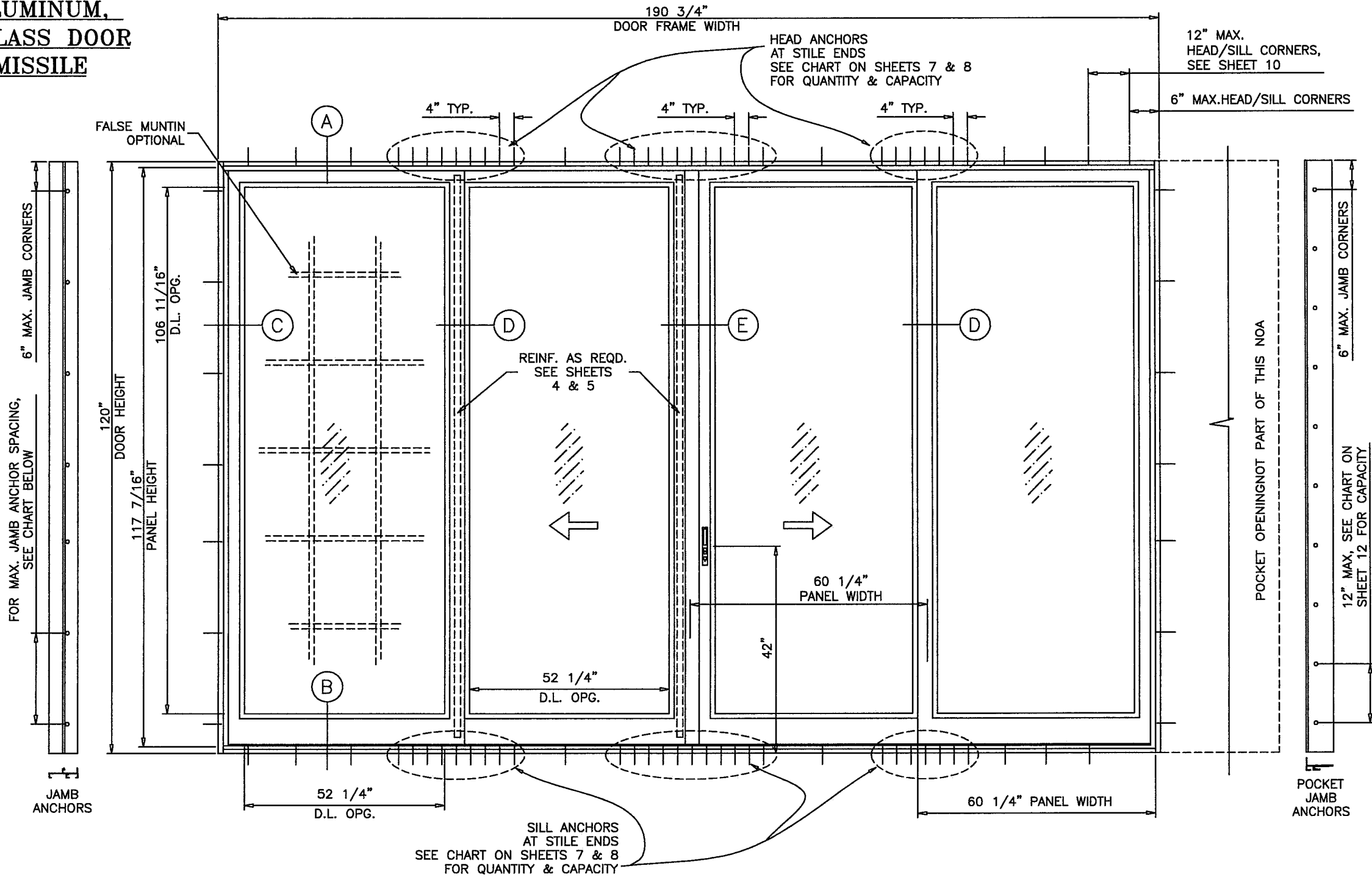
4) A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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 SHEETS 4 & 5 FOR THE GLASS TYPE AND REINFORCING TO USE.
- STEP 3** USING CHARTS ON SHEET 7 & 8 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 13 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"	16-3/4"	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"

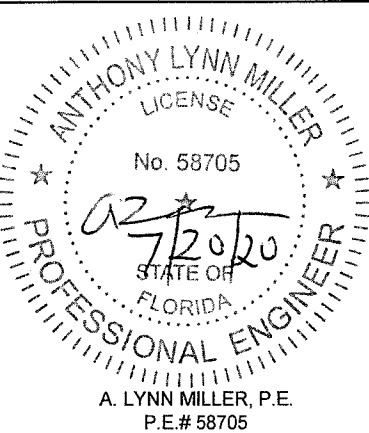
THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

LAMINATED GLASS AND
LAMINATED INSULATING GLASS
LARGE/SMALL MISSILE IMPACT

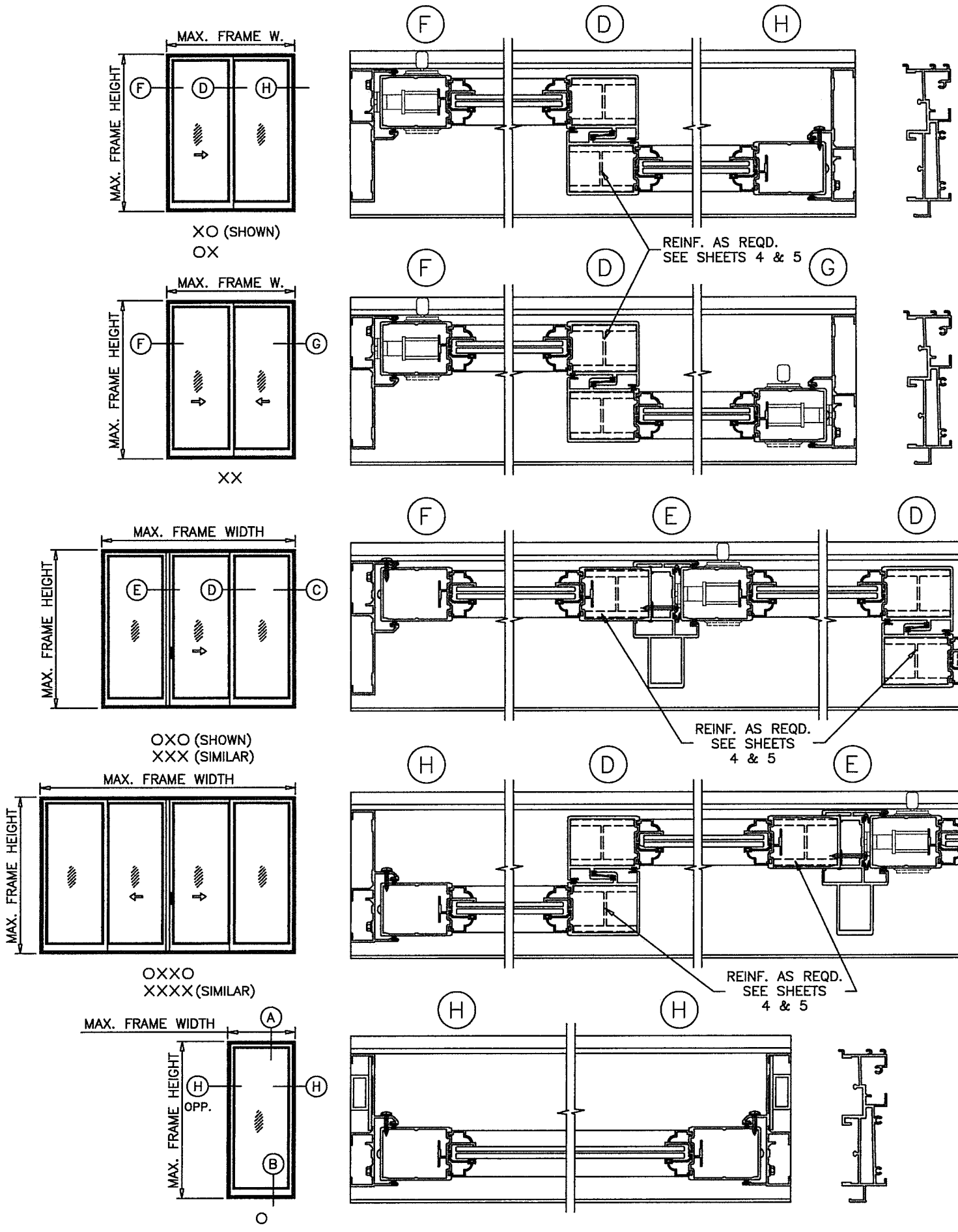
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0729.05
Expiration Date: 06/12/2023
By: Ishay I. Chandra
Miami-Dade Product Control

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

				Impact Resistant Windows & Doors WE'RE STRONGER™				PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600				
CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590								REGISTRATION #29296				
Title		560SGDA ALUM. SLIDING GLASS DOOR, 2T (LMI)						Date		06/10/2020		
Desc.		ELEVATION AND GENERAL NOTES						Drawn By		J ROSOWSKI		
Series	SGD560A	2-TRACK, LMI	Sheet	1 OF 16				DWG No.	560-2T-LM-NOA		Rev.	A



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"

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.05**
Expiration Date: **06/12/2023**

By: Ishag I. Chande
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

NO. 560-2T-LM-NOA
2 OF 16
2-TRACK, LM
SGD560A

Rev. A

Impact Resistant
Windows & Doors
WE'RE STRONGER™

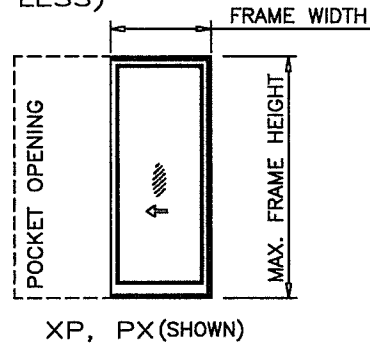
CGI WINDOWS AND DOORS, INC.
3780 W 104TH STREET
HIALEAH, FL 33018
(305) 593-6590

ANTHONY LYNN MILLER
LICENSE
No. 58705
7/20/20
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

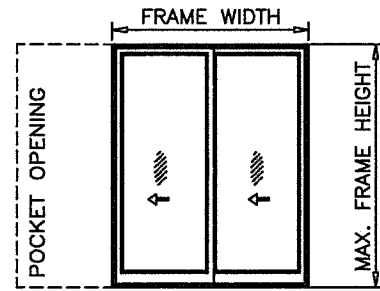
A. LYNN MILLER, P.E.
P.E.# 58705

APPROVED CONFIGURATIONS

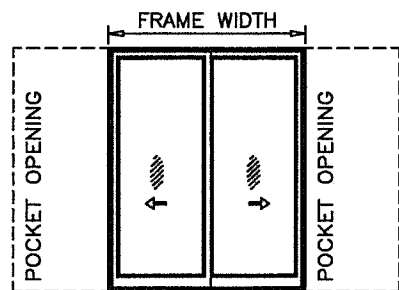
POCKETED DOORS
(4 PANELS OR LESS)



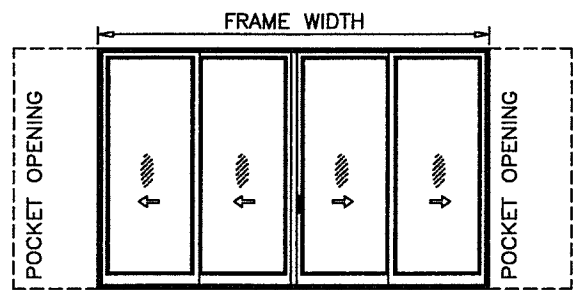
XP, PX (SHOWN)



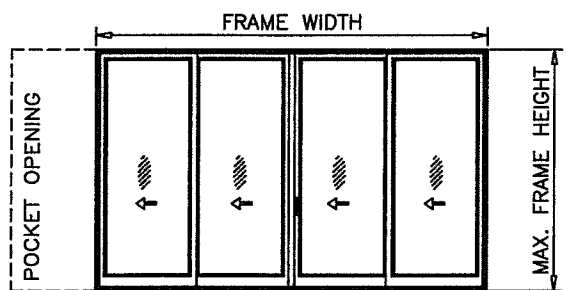
PXX (SHOWN)
XXP



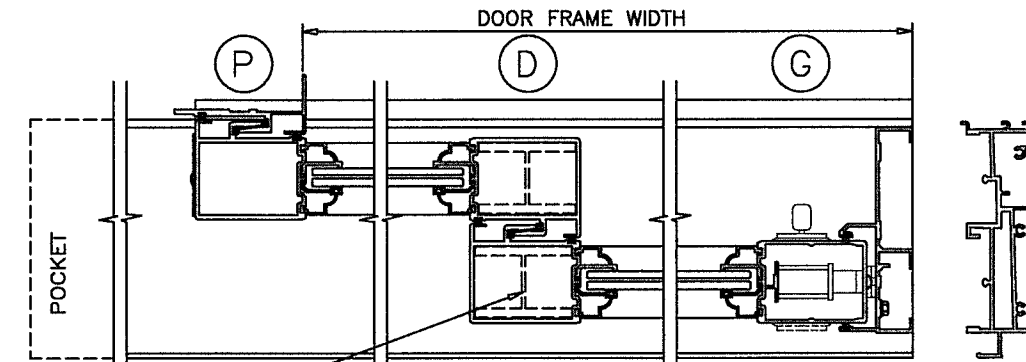
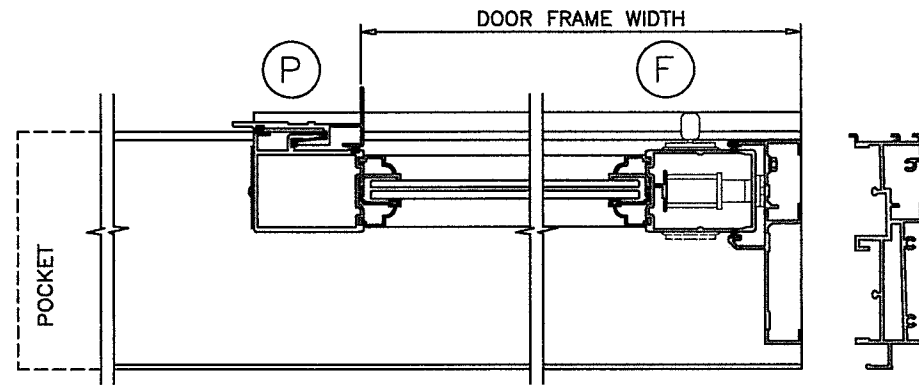
PXXP



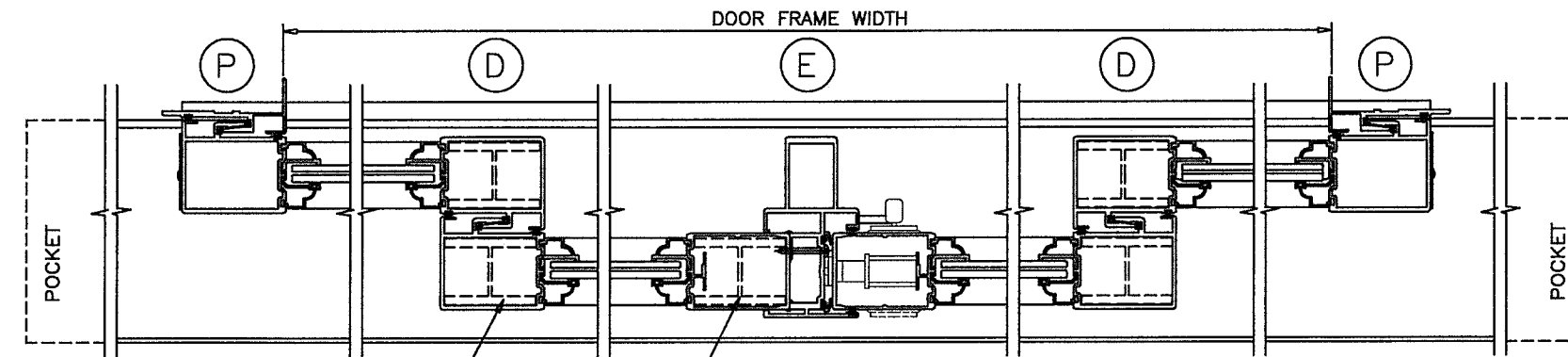
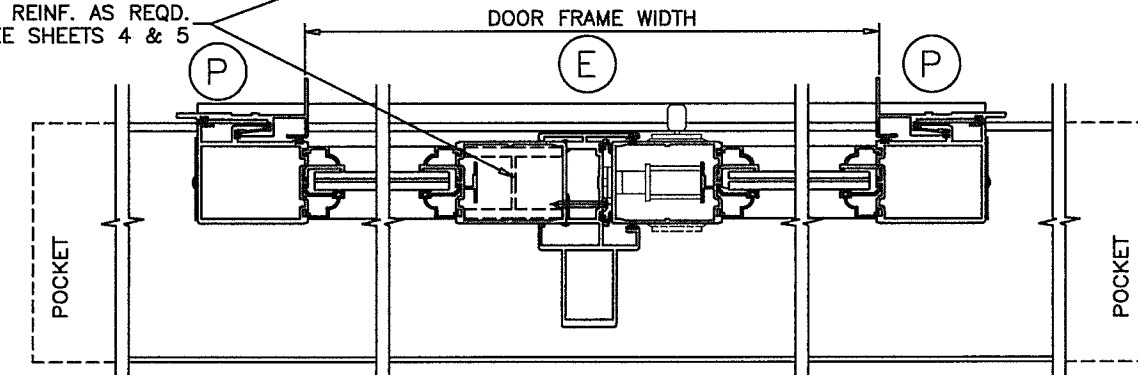
PXXXXP



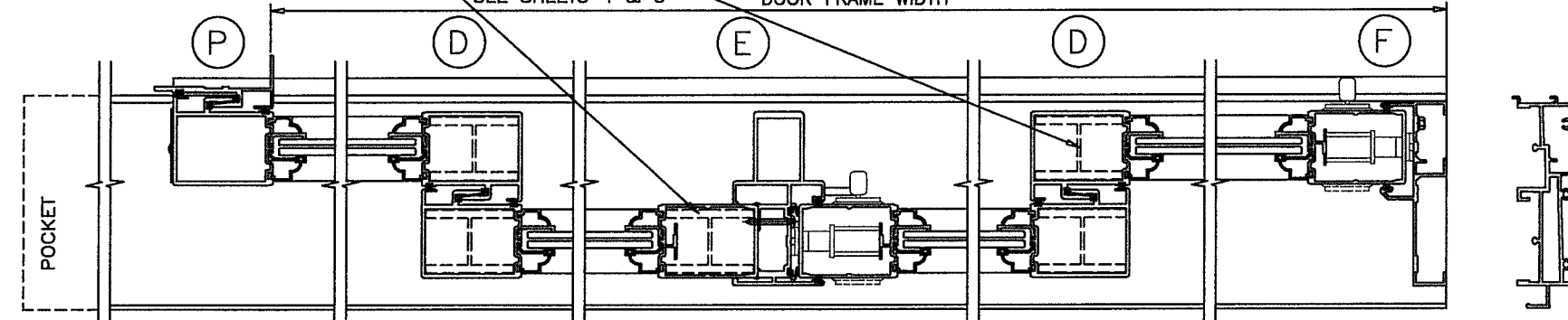
PXXXX (SHOWN), PXXXXO, XXXP, OXXXP



REINF. AS REQD.
SEE SHEETS 4 & 5



REINF. AS REQD.
SEE SHEETS 4 & 5



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"

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. **20-0729.05**

Expiration Date: **06/12/2023**

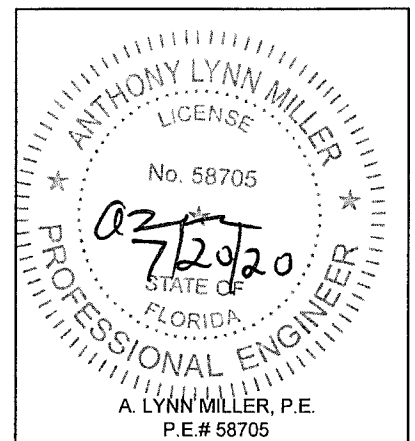
By: Shang L. Chan
Miami-Dade Product Control

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

REGISTRATION #29296

**Impact Resistant
Windows & Doors**
WE'RE STRONGER™
CGI WINDOWS AND DOORS, INC.
3780 W 104TH STREET
HIALEAH, FL 33018
(305) 593-6590

Rev.	A
Drawn By	J ROSOWSKI
No.	560-2T-LM-NOA
DWG	3 OF 16
Sheet	2-TRACK, LMI
Config	SGD560A
Series	X-SECTIONS - POCKETED
Desc.	560SGDA ALUM. SLIDING GLASS DOOR, 2T (LMI)
Title	06/10/2020



DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	GLASS TYPES '1' & '1A'		GLASS TYPE '2'	
		W/O REINF.		WITH REINF.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24-1/4	80	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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0
48-1/4		79.1	79.1	120.0	140.0
50-1/4		75.9	75.9	115.2	134.4
52-1/4		73.0	73.0	110.8	129.3
54-1/4		70.3	70.3	106.7	124.5
56-1/4		67.8	67.8	105.0	120.1
58-1/4		65.5	65.5	105.0	116.0
60-1/4		63.3	63.3	105.0	112.1
24-1/4	84	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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0
48-1/4		79.1	79.1	120.0	140.0
50-1/4		75.9	75.9	115.2	134.4
52-1/4		73.0	73.0	110.8	129.3
54-1/4		70.3	70.3	106.7	124.5
56-1/4		67.8	67.8	105.0	120.1
58-1/4		65.5	65.5	105.0	116.0
60-1/4		63.3	63.3	105.0	112.1
24-1/4	90	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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0
48-1/4		79.1	79.1	120.0	140.0
50-1/4		75.9	75.9	115.2	134.4
52-1/4		73.0	73.0	110.8	129.3
54-1/4		70.3	70.3	106.7	124.5
56-1/4		67.8	67.8	105.0	120.1
58-1/4		65.5	65.5	105.0	116.0
60-1/4		63.3	63.3	105.0	112.1
24-1/4	96	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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0
48-1/4		79.1	79.1	120.0	140.0
50-1/4		75.9	75.9	115.2	134.4
52-1/4		73.0	73.0	110.8	129.3
54-1/4		70.3	70.3	106.7	124.5
56-1/4		67.8	67.8	105.0	120.1
58-1/4		65.5	65.5	105.0	116.0
60-1/4		-	-	105.0	112.1

DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	GLASS TYPES '1' & '1A'		GLASS TYPE '2'	
		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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0
48-1/4		79.1	79.1	120.0	140.0
50-1/4		75.9	75.9	115.2	134.4
52-1/4		73.0	73.0	110.8	129.3
54-1/4		70.3	70.3	106.7	124.5
56-1/4		67.8	67.8	105.0	120.1
58-1/4		-	-	105.0	116.0
60-1/4		-	-	105.0	105.0
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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0
48-1/4		79.1	79.1	120.0	140.0
50-1/4		75.9	75.9	115.2	134.4
52-1/4		73.0	73.0	110.8	129.3
54-1/4		70.3	70.3	106.7	124.5
56-1/4		-	-	105.0	120.1
58-1/4		-	-	105.0	105.0
60-1/4		-	-	105.0	105.0
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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		77.5	77.5	120.0	140.0
48-1/4		78.1	78.1	120.0	140.0
50-1/4		74.5	74.5	115.2	134.4
52-1/4		71.5	71.5	110.8	129.3
54-1/4		68.9	68.9	106.7	124.5
56-1/4		-	-	105.0	105.0
58-1/4		-	-	105.0	105.0
60-1/4		-	-	105.0	105.0
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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0
48-1/4		75.9	75.9	120.0	140.0
50-1/4		72.3	72.3	115.2	134.4
52-1/4		69.2	69.2	110.8	129.3
54-1/4		-	-	105.0	105.0
56-1/4		-	-	105.0	105.0
58-1/4		-	-	105.0	105.0
60-1/4		-	-	105.0	105.0

DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	GLASS TYPES '1' & '1A'		GLASS TYPE '2'	
		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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		77.8	77.8	120.0	140.0
48-1/4		73.7	73.7	120.0	140.0
50-1/4		70.2	70.2	115.2	134.4
52-1/4		-	-	105.0	105.0
54-1/4		-	-	105.0	105.0
56-1/4		-	-	105.0	105.0
58-1/4		-	-	105.0	105.0
60-1/4		-	-	105.0	105.0
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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0
48-1/4		75.8	75.8	120.0	140.0
50-1/4		71.8	71.8	120.0	140.0
52-1/4		-	-	115.2	134.4
54-1/4		-	-	105.0	105.0
56-1/4		-	-	105.0	105.0
58-1/4		-	-	105.0	105.0
60-1/4		-	-	105.0	105.0
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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		74.0	74.0	120.0	140.0
48-1/4		70.0	70.0	120.0	138.4
50-1/4		-	-	120.0	133.8
52-1/4		-	-	105.0	105.0
54-1/4		-	-	105.0	105.0
56-1/4		-	-	105.0	105.0
58-1/4		-	-	105.0	105.0
60-1/4		-	-	105.0	105.0
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		80.0	80.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0
48-1/4		72.3	72.3	120.0	140.0
50-1/4		-	-	120.0	137.1
52-1/4		-	-	105.0	105.0
54-1/4		-	-	105.0	105.0
56-1/4		-	-	105.0	105.0
58-1/4		-	-	105.0	105.0
60-1/4		-	-	105.0	105.0

GLASS CAPACITY CHARTS

NOTES:
CAPACITIES SHOWN IN CHART ARE FOR DOORS USING
4-1/4" SILL RISER. 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.

MULLION SIZE AND CAPACITY TO BE OBTAINED FROM CHARTS
ON SHEET 13.

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. 20-0729.05
Expiration Date: 06/12/2023

By: Isaac I. Chanda
Miami-Dade Product Control

DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	GLASS TYPE '2.1'		GLASS TYPE '2A'	
		WITH REINF.		WITH REINF.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24-1/4	80	120.0	140.0	120.0	140.0
30-1/4		120.0	140.0	120.0	140.0
33-1/4		120.0	140.0	120.0	140.0
36-1/4		120.0	140.0	120.0	140.0
39-1/4		120.0	140.0	120.0	140.0
42-1/4		120.0	140.0	120.0	140.0
44-1/4		120.0	140.0	120.0	140.0
46-1/4		120.0	140.0	120.0	140.0
48-1/4		120.0	140.0	120.0	140.0
50-1/4		115.2	134.4	115.2	134.4
52-1/4		110.8	129.3	110.8	129.3
54-1/4		106.7	124.5	106.7	124.5
56-1/4	84	105.0	120.1	102.9	120.1
58-1/4		105.0	116.0	99.4	116.0
60-1/4		105.0	112.1	96.1	112.1
24-1/4		120.0	140.0	120.0	140.0
30-1/4		120.0	140.0	120.0	140.0
33-1/4		120.0	140.0	120.0	140.0
36-1/4		120.0	140.0	120.0	140.0
39-1/4		120.0	140.0	120.0	140.0
42-1/4		120.0	140.0	120.0	140.0
44-1/4		120.0	140.0	120.0	140.0
46-1/4		120.0	140.0	120.0	140.0
48-1/4		120.0	140.0	120.0	140.0
50-1/4	90	115.2	134.4	115.2	134.4
52-1/4		110.8	129.3	110.8	129.3
54-1/4		106.7	124.5	106.7	124.5
56-1/4		105.0	120.1	102.9	120.1
58-1/4		105.0	116.0	99.4	116.0
60-1/4		105.0	112.1	96.1	112.1
24-1/4		120.0	140.0	120.0	140.0
30-1/4		120.0	140.0	120.0	140.0
33-1/4		120.0	140.0	120.0	140.0
36-1/4		120.0	140.0	120.0	140.0
39-1/4		120.0	140.0	120.0	140.0
42-1/4		120.0	140.0	120.0	140.0
44-1/4	96	120.0	140.0	120.0	140.0
46-1/4		120.0	140.0	120.0	140.0
48-1/4		120.0	140.0	120.0	140.0
50-1/4		115.2	134.4	115.2	134.4
52-1/4		110.8	129.3	110.8	129.3
54-1/4		106.7	124.5	106.7	124.5
56-1/4		105.0	120.1	102.9	120.1
58-1/4		105.0	116.0	99.4	116.0
60-1/4		105.0	112.1	96.1	112.1

DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	GLASS TYPE '2.1'		GLASS TYPE '2A'	
		WITH REINF.		WITH REINF.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24-1/4	99	120.0	140.0	120.0	140.0
30-1/4		120.0	140.0	120.0	140.0
33-1/4		120.0	140.0	120.0	140.0
36-1/4		120.0	140.0	120.0	140.0
39-1/4		120.0	140.0	120.0	140.0
42-1/4		120.0	140.0	120.0	140.0
44-1/4		120.0	140.0	120.0	140.0
46-1/4		120.0	140.0	120.0	140.0
48-1/4		120.0	140.0	120.0	140.0
50-1/4		115.2	134.4	115.2	134.4
52-1/4		110.8	129.3	110.8	129.3
54-1/4		106.7	124.5	106.7	124.5
56-1/4	102	105.0	120.1	102.9	120.1
58-1/4		105.0	116.0	99.4	116.0
60-1/4		105.0	112.1	96.1	112.1
24-1/4		120.0	140.0	120.0	140.0
30-1/4		120.0	140.0	120.0	140.0
33-1/4		120.0	140.0	120.0	140.0
36-1/4		120.0	140.0	120.0	140.0
39-1/4		120.0	140.0	120.0	140.0
42-1/4		120.0	140.0	120.0	140.0
44-1/4		120.0	140.0	120.0	140.0
46-1/4		120.0	140.0	120.0	140.0
48-1/4		120.0	140.0	120.0	140.0
50-1/4	105	115.2	134.4	115.2	134.4
52-1/4		110.8	129.3	110.8	129.3
54-1/4		106.7	124.5	106.7	124.5
56-1/4		105.0	120.1	102.9	120.1
58-1/4		105.0	116.0	99.4	116.0
60-1/4		105.0	112.1	96.1	112.1
24-1/4		120.0	140.0	120.0	140.0
30-1/4		120.0	140.0	120.0	140.0
33-1/4		120.0	140.0	120.0	140.0
36-1/4		120.0	140.0	120.0	140.0
39-1/4		120.0	140.0	120.0	140.0
42-1/4		120.0	140.0	120.0	140.0
44-1/4	108	120.0	140.0	120.0	140.0
46-1/4		120.0	140.0	120.0	140.0
48-1/4		120.0	140.0	120.0	140.0
50-1/4		115.2	134.4	115.2	134.4
52-1/4		110.8	129.3	110.8	129.3
54-1/4		106.7	124.5	106.7	124.5
56-1/4		105.0	120.1	102.9	120.1
58-1/4		105.0	116.0	99.4	116.0
60-1/4		105.0	112.1	96.1	112.1

DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	GLASS TYPE '2.1'		GLASS TYPE '2A'	
		WITH REINF.		WITH REINF.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24-1/4	111	120.0	140.0	120.0	140.0
30-1/4		120.0	140.0	120.0	140.0
33-1/4		120.0	140.0	120.0	140.0
36-1/4		120.0	140.0	120.0	140.0
39-1/4		120.0	140.0	120.0	140.0
42-1/4		120.0	140.0	120.0	140.0
44-1/4		120.0	140.0	120.0	140.0
46-1/4		120.0	140.0	120.0	140.0
48-1/4		120.0	140.0	120.0	140.0
50-1/4		115.2	134.4	115.2	134.4
52-1/4		105.0	105.0	-	-
54-1/4		105.0	105.0	-	-
56-1/4	114	105.0	105.0	-	-
58-1/4		104.0	104.0	-	-
60-1/4		102.0	102.0	-	-
24-1/4		120.0	140.0	120.0	140.0
30-1/4		120.0	140.0	120.0	140.0
33-1/4		120.0	140.0	120.0	140.0
36-1/4		120.0	140.0	120.0	140.0
39-1/4		120.0	140.0	120.0	140.0
42-1/4		120.0	140.0	120.0	140.0
44-1/4		120.0	140.0	120.0	140.0
46-1/4		120.0	140.0	120.0	140.0
48-1/4	117	120.0	140.0	120.0	140.0
50-1/4		115.2	134.4	115.2	134.4
52-1/4		105.0	105.0	-	-
54-1/4		105.0	105.0	-	-
56-1/4		104.0	104.0	-	-
58-1/4		101.0	101.0	-	-
60-1/4		99.5	99.5	-	-
24-1/4		120.0	140.0	120.0	140.0
30-1/4		120.0	140.0	120.0	140.0
33-1/4		120.0	140.0	120.0	140.0
36-1/4		120.0	140.0	120.0	140.0
39-1/4		120.0	140.0	120.0	140.0
42-1/4	120	120.0	140.0	120.0	140.0
44-1/4		120.0	140.0	120.0	140.0
46-1/4		120.0	140.0	120.0	140.0
48-1/4		118.6	138.4	118.6	138.4
50-1/4		133.8	133.8	-	-
52-1/4		105.0	105.0	-	-
54-1/4		105.0	105.0	-	-
56-1/4		102.0	102.0	-	-
58-1/4		99.2	99.2	-	-
60-1/4		96.7	96.7	-	-

GLASS CAPACITY CHARTS

NOTES:
CAPACITIES SHOWN IN CHART ARE FOR DOORS USING
4-1/4" SILL RISER. 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.

MULLION SIZE AND CAPACITY TO BE OBTAINED FROM CHARTS
ON SHEET 13.

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

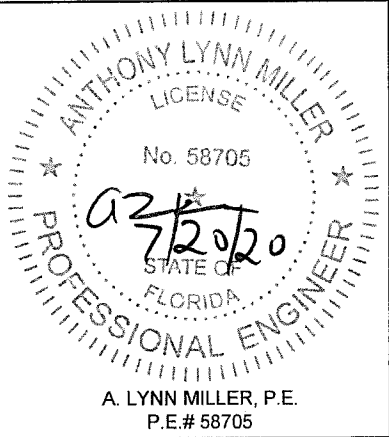
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM
E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING
COMMISSION DECLARATORY STATEMENT DCA05-DEC-219.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0729.05
Expiration Date: 06/12/2023

By: Ismael I. Chanda
Miami-Dade Product Control

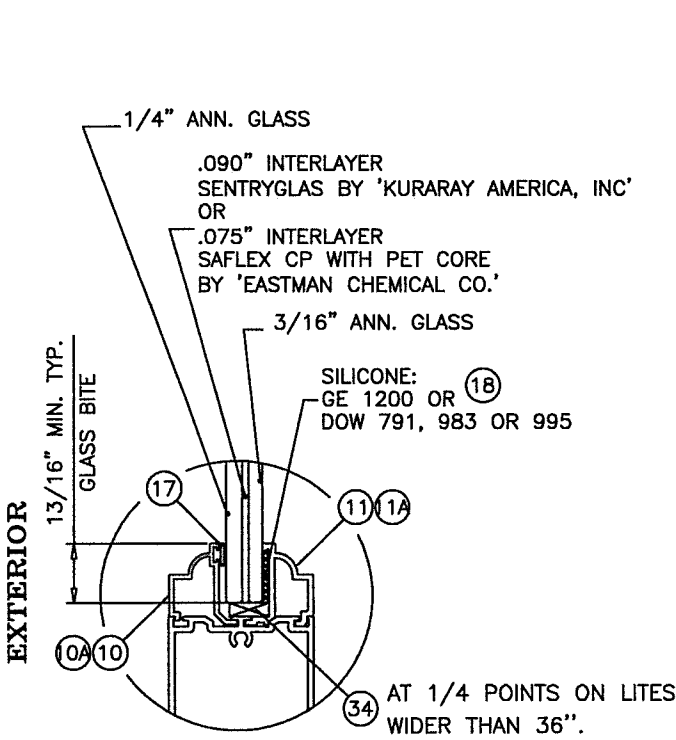
Revision:

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		06/10/2020	
Impact Resistant Windows & Doors WE'RE STRONGER™		CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		560SGDA ALUM. SLIDING GLASS DOOR, 2T (LMI)	
DP FOR GLASS TYPES 2.1 & 2A		J ROSOWSKI		Rev. A	
SGD560A		2-TRACK, LMI		5 OF 16	
Series Desc.		Title		Sheet	

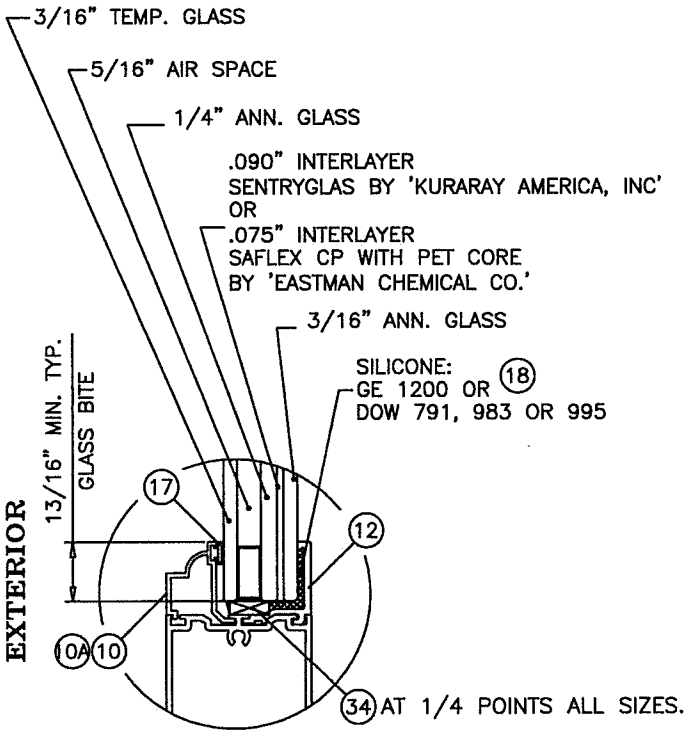


A. LYNN MILLER, P.E.
P.E.# 58705

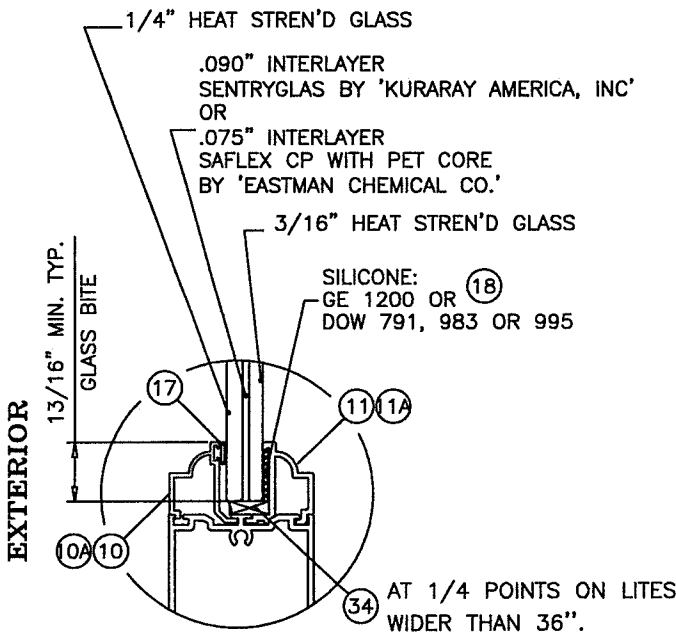
GLAZING OPTIONS



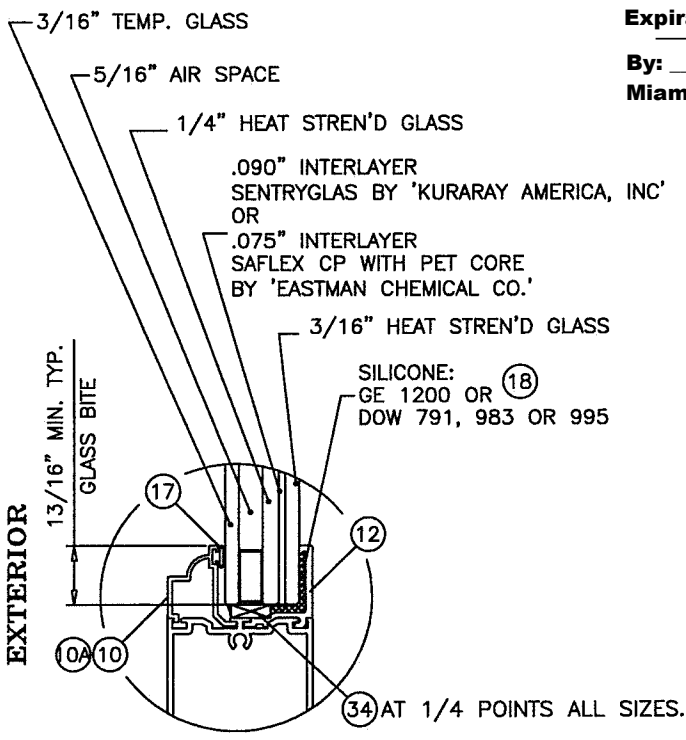
GLASS TYPE '1'



GLASS TYPE '1A'

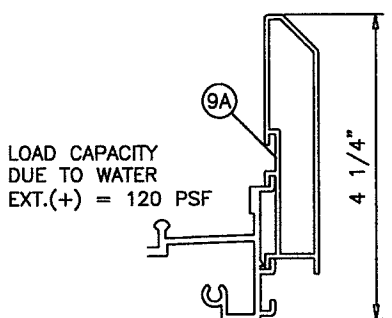
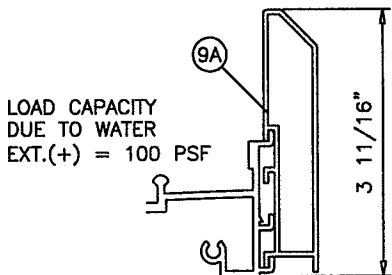
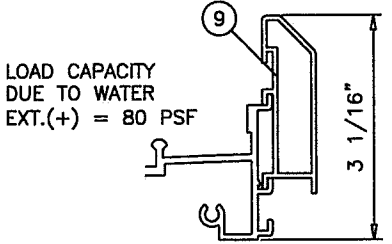
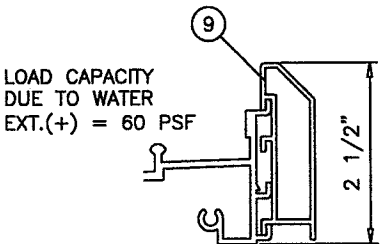


GLASS TYPE '2' (W/SENTRYGLAS INTERLAYER)
GLASS TYPE '2.1' (W/SAFLEX CP INTERLAYER)



GLASS TYPE '2A'


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.05**
Expiration Date: **06/12/2023**
By: Ismael L. Chan
Miami-Dade Product Control

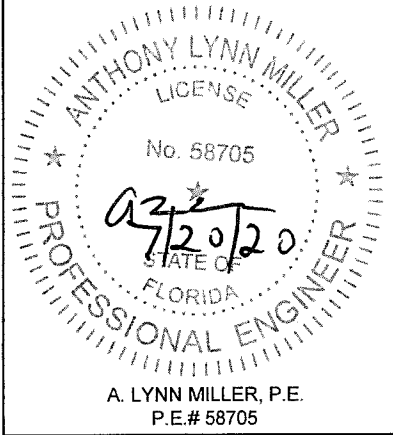


LOAD CAPACITIES SHOWN IN CHARTS ON SHEETS 4 & 5 ARE FOR DOORS USING 4-1/4" SILL HEIGHTS. FOR DOORS USING LOWER SILL HEIGHTS LIMIT EXTERIOR(+) LOADS AS SHOWN ABOVE.

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).

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

 Impact Resistant Windows & Doors WERE STRONGER™ CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	REGISTRATION #29296		Date		06/10/2020										
			By		J ROSOWSKI										
			Drawn												
560SGDA ALUM. SLIDING GLASS DOOR, 2T (LMI)		GLAZING DETAILS		2-TRACK, LMI		6 OF 16		DWG No.		560-2T-LM-NOA		Rev.		A	
SGD560A		Series Desc.		Title		Sheet		Conf.							



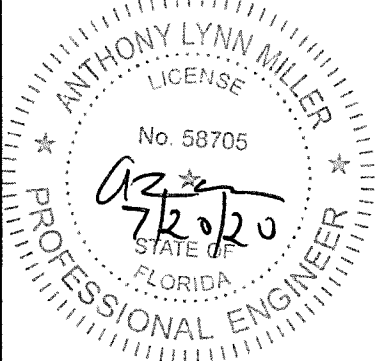
DESIGN LOAD CAPACITY - PSF (ANCHORS AT HEAD/SILL)																
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	ANCHORS TYPE 'A'			ANCH. TYPE 'B'		ANCH. TYPE 'A' & 'B'			ANCHORS TYPE 'A' & 'B'				ANCHORS TYPE 'C'		
		1/4" SHIM SPACE			1/4" SHIM		3/8" SHIM SPACE			1/2" SHIM SPACE				1/4" SHIM SPACE		
		CLUSTER 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	—	816	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 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. **20-0729.05**
Expiration Date: **06/12/2023**

By: Isaac I. Chan
Miami-Dade Product Control



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

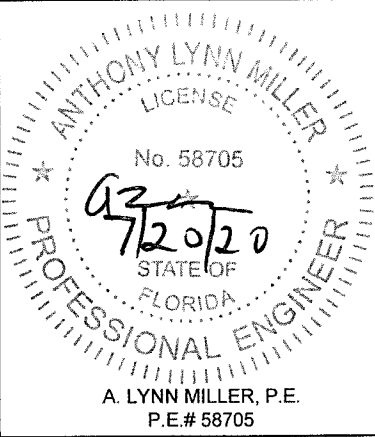
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		Date	06/10/2020	By J ROSOWSKI	Rev A	
Impact Resistant Windows & Doors WE'RE STRONGER™		CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		560SGDA ALUM. SLIDING GLASS DOOR, 2T (LMI)				
Sheet		7 OF 16		Dwg No		560-2T-LM-NOA		
Series		SGD560A		Title		DP FOR ANCHORS A, B & C		
Config		2-TRACK, LMI		Desc.				

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

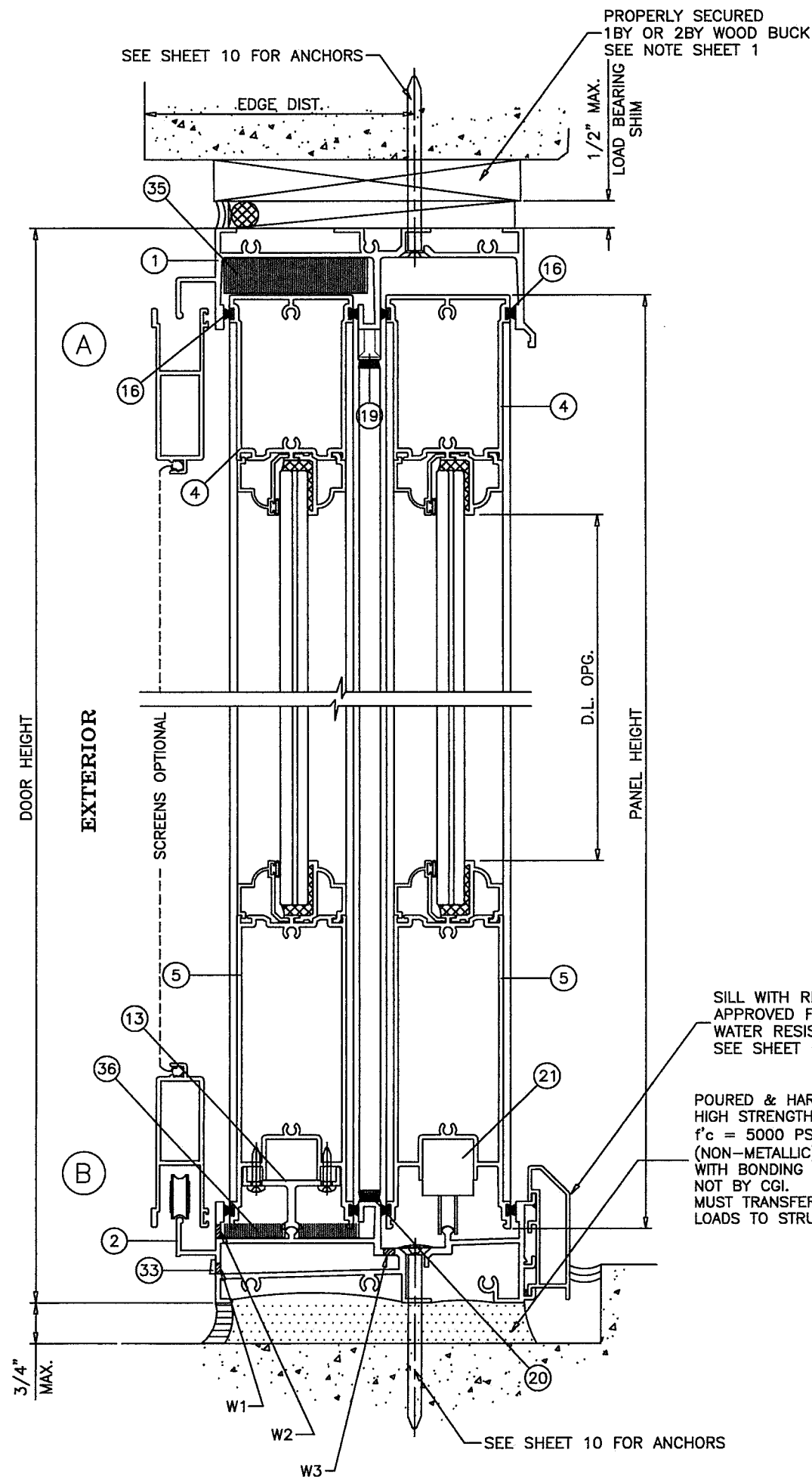
INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ACCEPTABLE

NOTE:
SEE SHEET 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. **20-0729.05**
Expiration Date: **06/12/2023**
By: Ismael I. Chanin
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
Impact Resistant Windows & Doors WE'RE STRONGER™		CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		560SGDA ALUM. SLIDING GLASS DOOR, 2T (LMI)			DWG	No.
						DP FOR ANCHORS TYPE D & E		8 OF 16
						2-TRACK, LMI		Sheet
						SGD560A		Config.



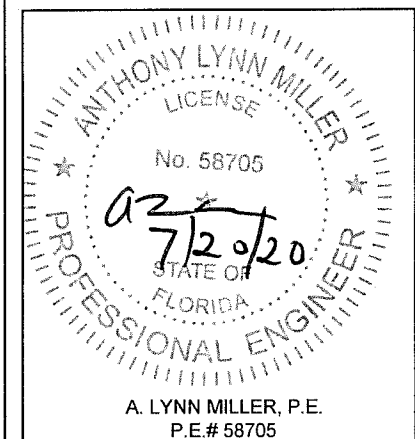
WEEPS:

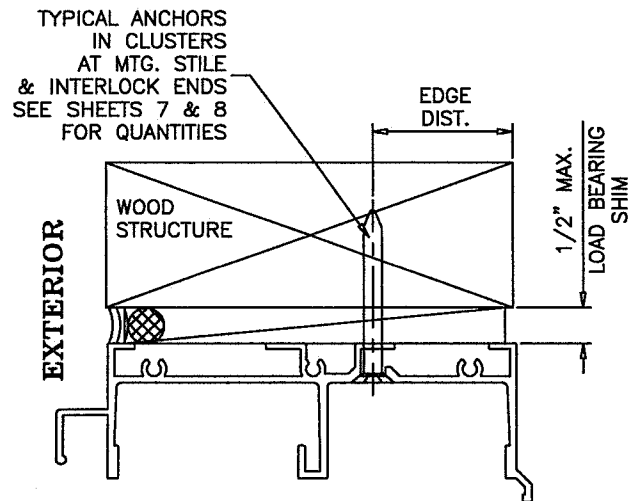
- W1 = .30" X 1-5/8" WEEP SLOTS WITH PLASTIC COVER AT 9" FROM EACH END AND $\pm 48"$ O.C.
- W2 = 1/4" X 2" WEEP SLOTS AT 4" FROM EACH END AND $\pm 12"$ O.C.
- W3 = 1/4" X 5/8" WEEP HOLES AT 9" FROM EACH END AND $\pm 48"$ O.C.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.05**
Expiration Date: **06/12/2023**
By: Ishag I. Chank
Miami-Dade Product Control

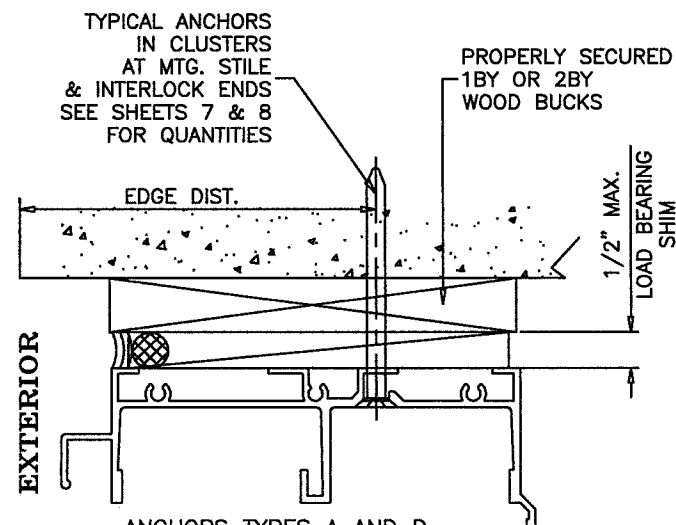
1BY OR 2BY WOOD BUCKS AND METAL STRUCTURES, NOT BY CGI WINDOWS, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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 No.	560-2T-LM-NOA
Impact Resistant Windows & Doors WE'RE STRONGER™ CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	560SGDA ALUM. SLIDING GLASS DOOR, 2T (LMI)		9 OF 16	Sheet
	INSTALLATION DETAILS		2-TRACK, LMI	Config
SGD560A		Series Desc Title		

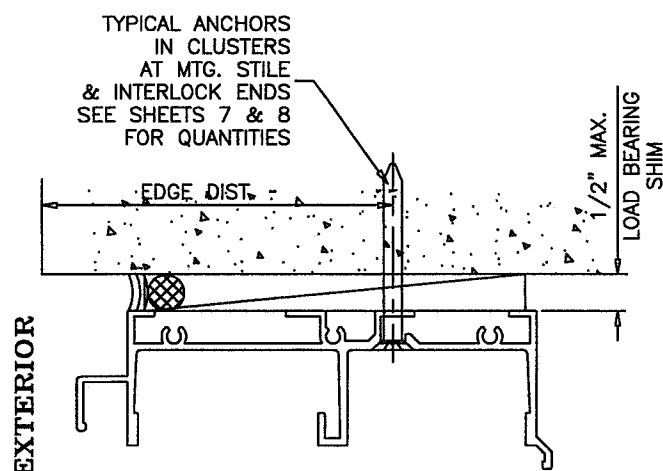




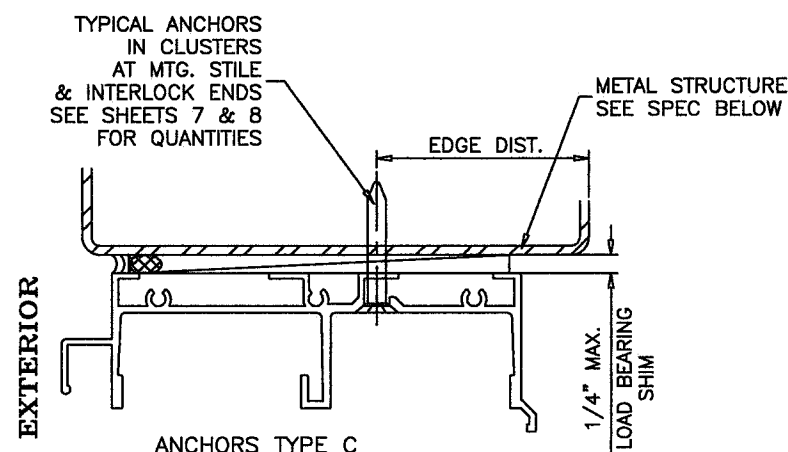
ANCHORS TYPES A AND D
INTO WOOD STRUCTURES



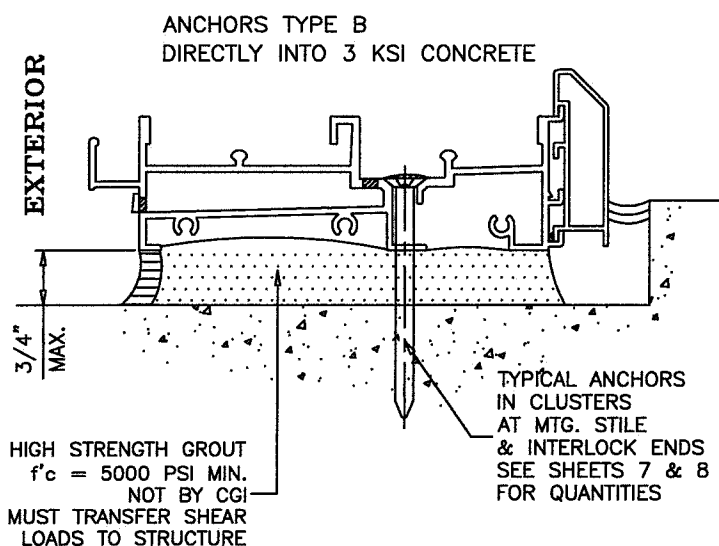
ANCHORS TYPES A AND D
THRU PROPERLY SECURED 1BY OR 2BY
WOOD BUCKS INTO 3 KSI CONCRETE



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
CGI WINDOWS, MUST SUSTAIN LOADS IMPOSED BY GLAZING
SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

PRODUCT REVISED
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Building Code
NOA-No. **20-0729.05**
Expiration Date: **06/12/2023**
By: Ishag I. Chande
Miami-Dade Product Control

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- TYPE 'A' - 5/16" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=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' (Fu=177 KSI, Fy=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. (Fy = 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 (Fu=138 KSI, Fy=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 (Fu=138 KSI, Fy=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+ (Fu=164 KSI, Fy=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.

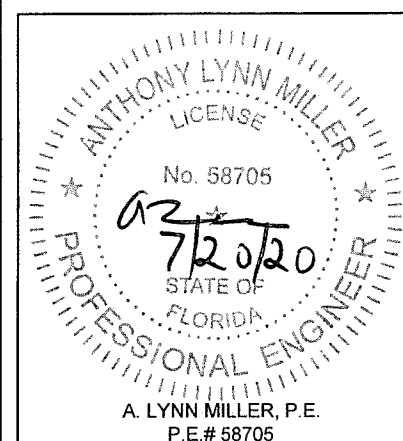
ADDED ANCHOR TYPE
- JR - 6/11/20

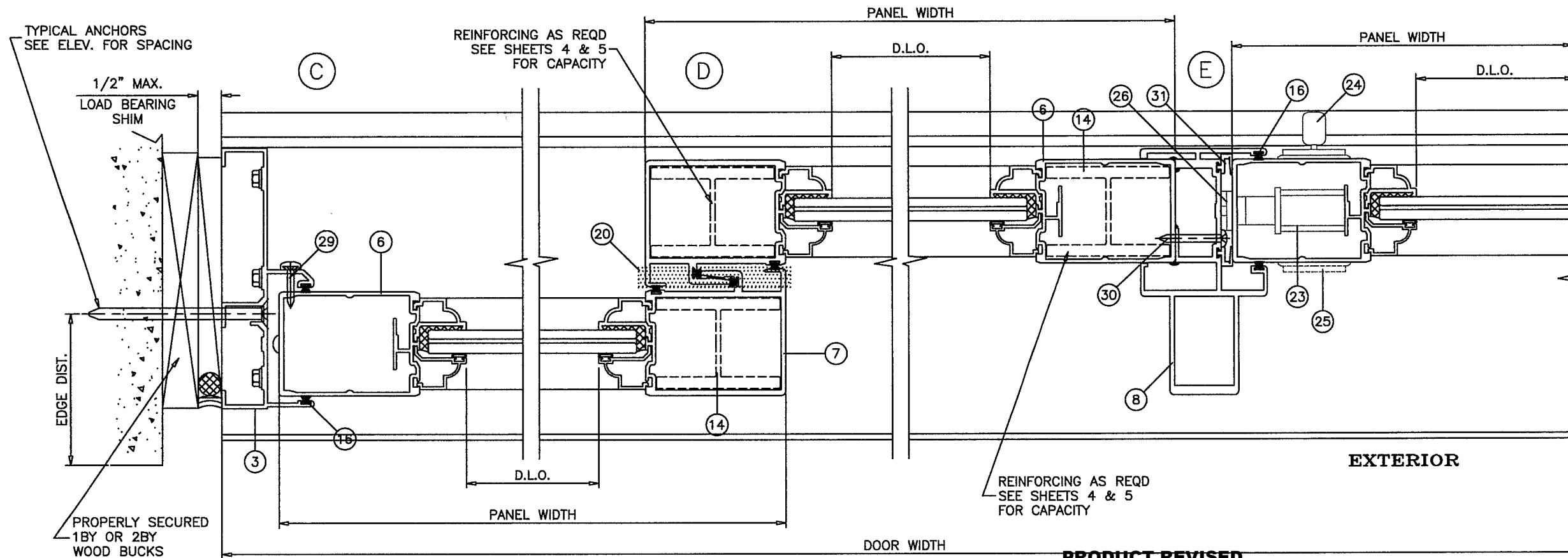
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

**Impact Resistant
Windows & Doors**
WERE STRONGER™
CGI WINDOWS AND DOORS, INC.
3780 W 104TH STREET
HIALEAH, FL 33018
(305) 593-6590

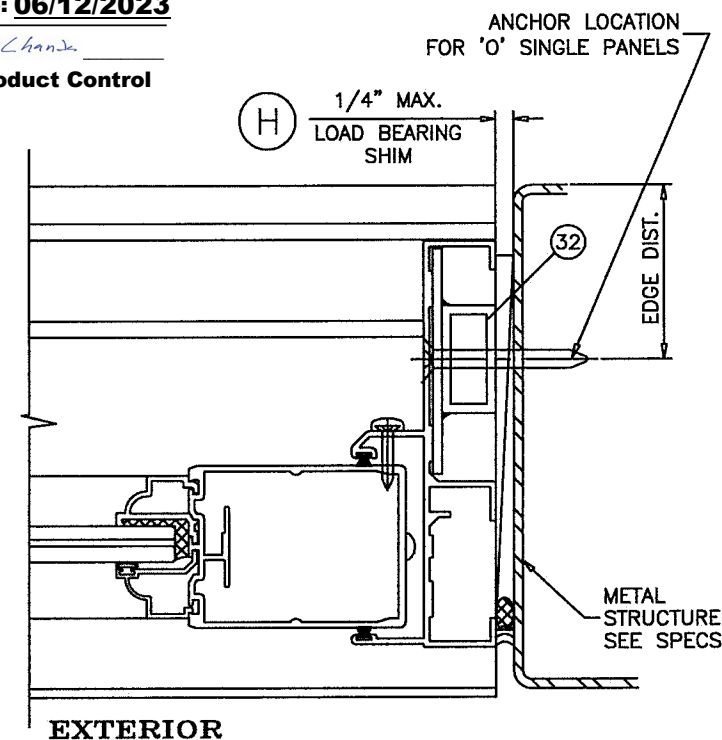
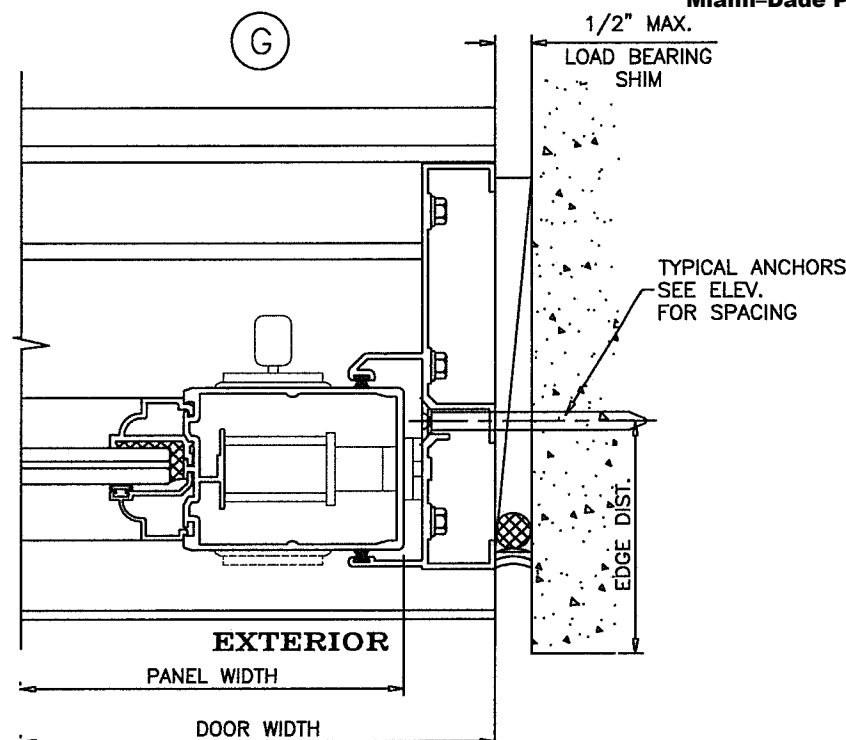
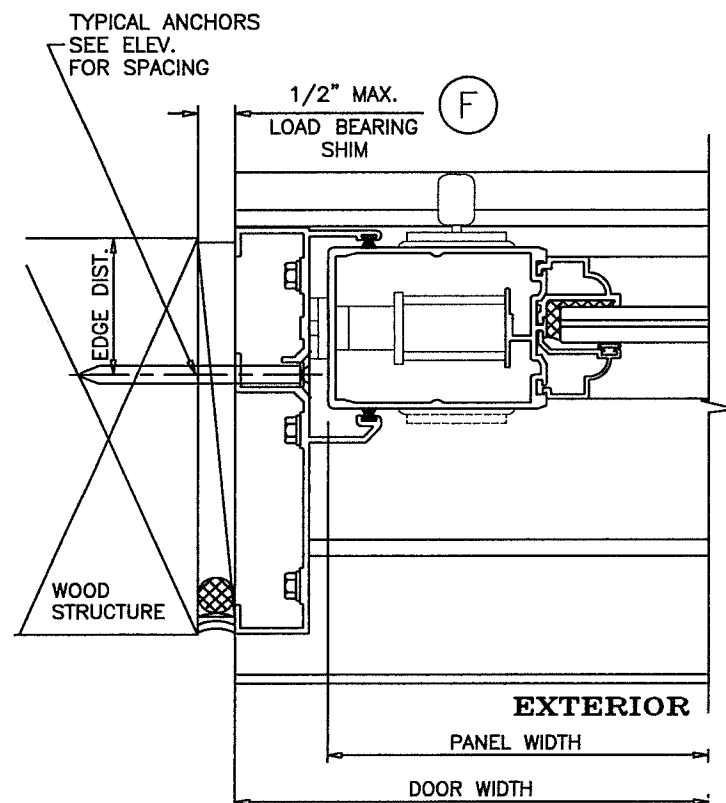
Rev.	By	Date	Sheet	Series
A	J ROSOWSKI	06/10/2020	10 OF 16	SGD560A
			2-TRACK, LMI	
			560SGDA ALUM. SLIDING GLASS DOOR, 2T (LMI)	
			INSTALLATION DETAILS	





PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. **20-0729.05**
 Expiration Date: **06/12/2023**

By: Ishay I. Chandra
 Miami-Dade Product Control



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

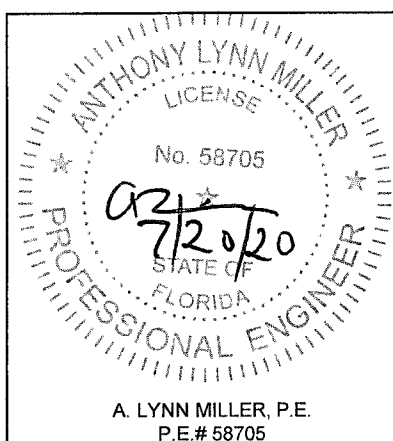
Revision:

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

REGISTRATION #29296

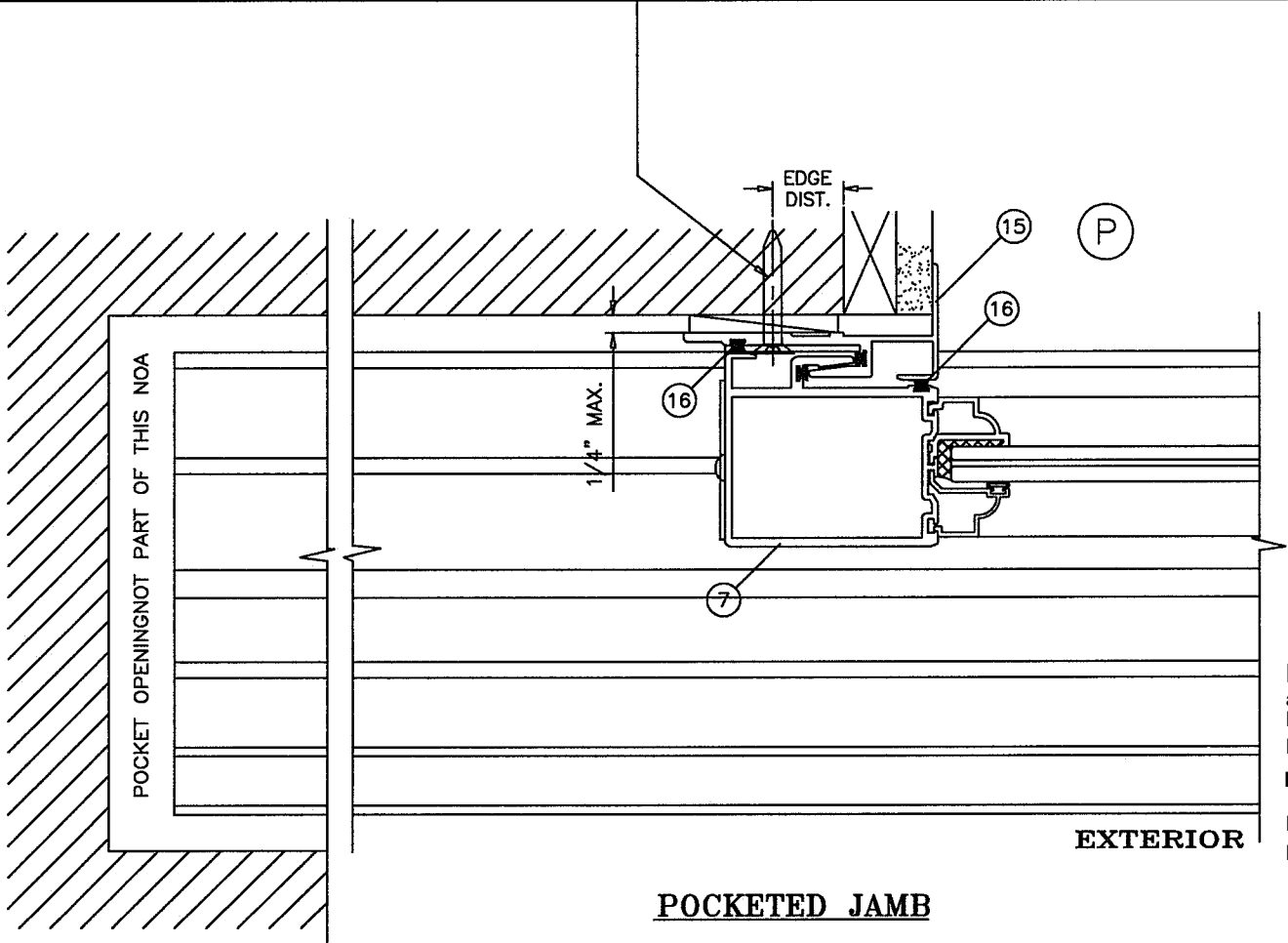
**Impact Resistant
 Windows & Doors**
WERE STRONGER™
 CGI WINDOWS AND DOORS, INC.
 3780 W 104TH STREET
 HIALEAH, FL 33018
 (305) 993-6590

Rev.	Date	By	No.	DWG	Sheet	Series
A	06/10/2020	J ROSOWSKI	560-2T-LM-NOA	11 OF 16	2-TRACK, LMI	SGD560A
INSTALLATION DETAILS						
560SGDA ALUM. SLIDING GLASS DOOR, 2T (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	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.

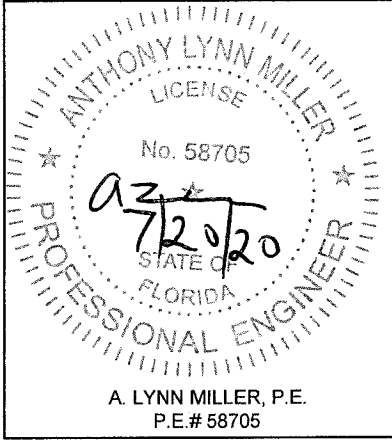


PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. **20-0729.05**
 Expiration Date: **06/12/2023**
 By: Ismael L. Chan
 Miami-Dade Product Control

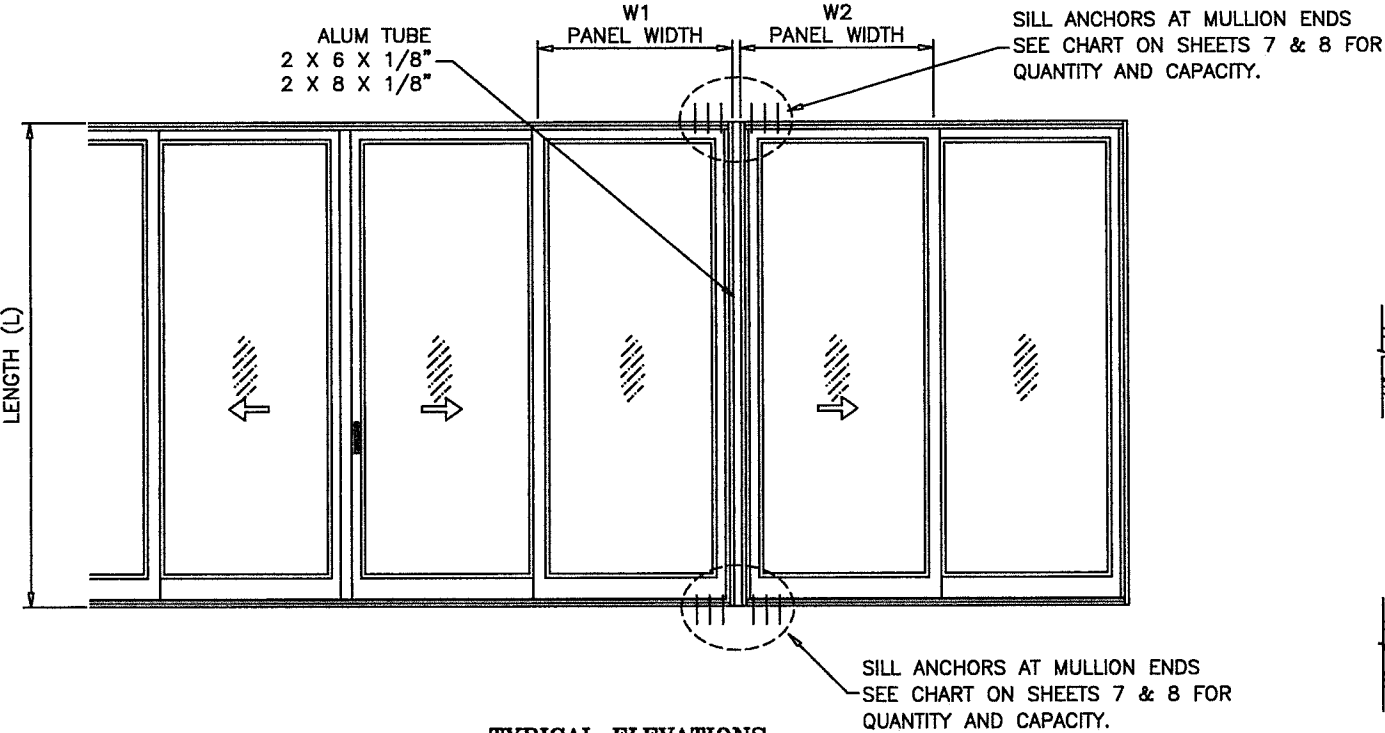
Revision:

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	Rev.	A
		By	J ROSOWSKI	DWG No.	560-2T-LM-NOA
		INSTALLATION DETAILS, POCKET		Sheet	12 OF 16
		Series	SGD560A	Config	2-TRACK, LMI
Impact Resistant Windows & Doors WERE STRONGER™		CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		560SGDA ALUM. SLIDING GLASS DOOR, 2T (LMI)	



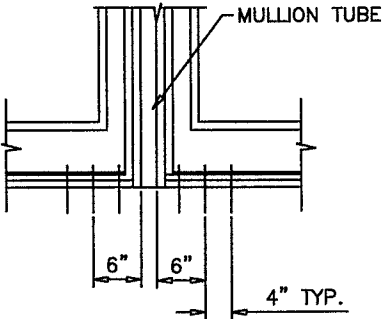
MULLION LOAD CAPACITY - PSF			
DIMS.		2 X 6 X 1/8"	2 X 8 X 1/8"
WIDTH (W) INCHES	LENGTH (L) INCHES	EXT.(+) INT.(-)	EXT.(+) INT.(-)
26-1/4	84	140.0	140.0
32-1/4		140.0	140.0
38-1/4		140.0	140.0
44-1/4		140.0	140.0
50-1/4		140.0	140.0
56-1/4		140.0	140.0
62-1/4	90	140.0	140.0
26-1/4		140.0	140.0
32-1/4		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



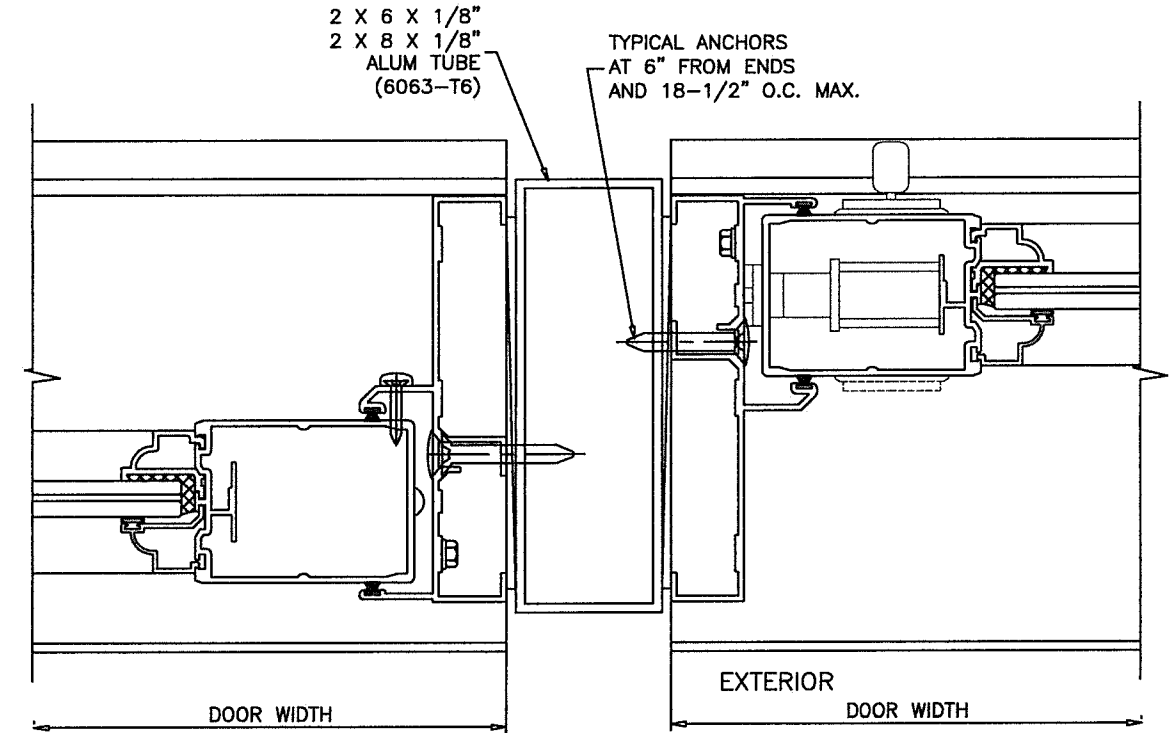
TYPICAL ELEVATIONS
SIDE BY SIDE S.G. DOOR
SIDE BY SIDE APPLIES TO TWO OR MORE DOORS

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

W1 = SGD PANEL WIDTH
W2 = SGD PANEL WIDTH



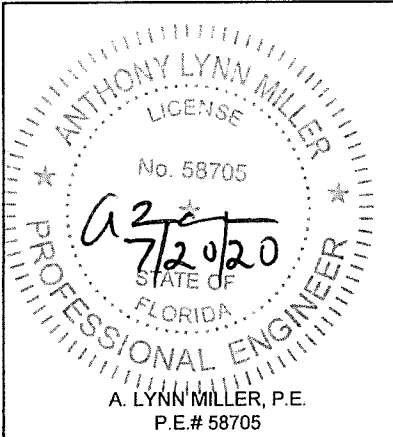
CLUSTER OF ANCHORS
HEAD/SILL

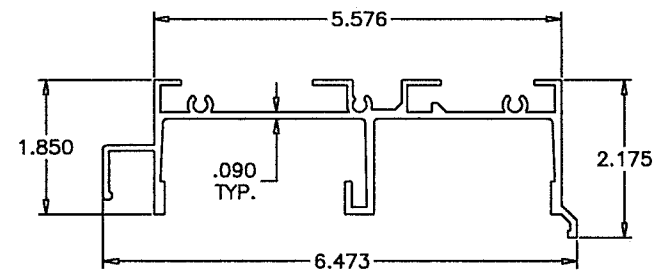


UNCLIPPED MULLION

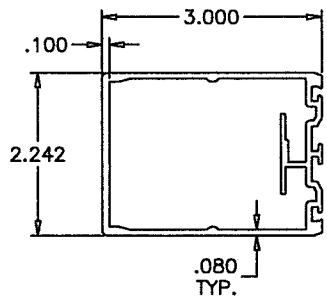
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.05**
Expiration Date: **06/12/2023**
By: Isaac I. Chandra
Miami-Dade Product Control

- NOTES:**
1. USE CHART ON THIS SHEET FOR SIDE BY SIDE CONNECTION CAPACITY OF DOOR MULLION.
 2. FOR SLIDING GLASS DOOR CAPACITY SEE SHEETS 4 & 5.
 3. USE CHART ON SHEETS 7 & 8 TO SELECT ANCHOR ARRANGEMENT AT MULLION ENDS.
 4. LOWER VALUES FROM STEPS 1, 2 OR 3 WILL APPLY TO ENTIRE SYSTEM.

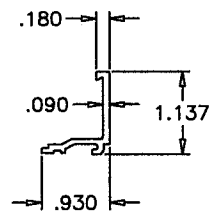




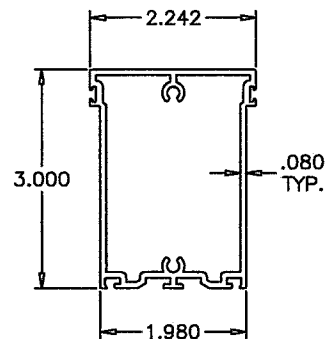
① FRAME HEAD



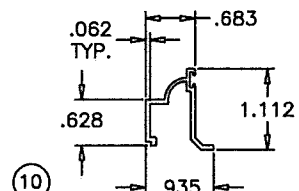
⑥ JAMB/LOCK STILE



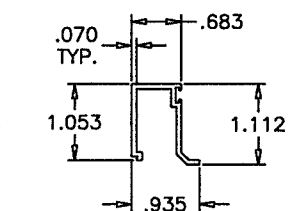
⑫ INSUL. GLASS ADAPTER



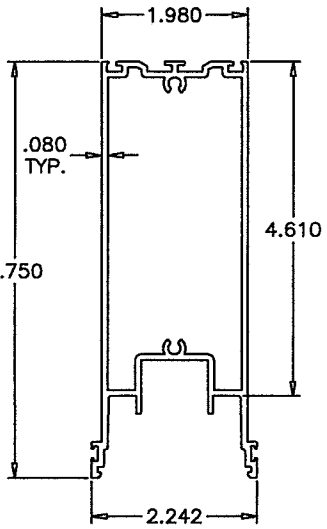
④ TOP RAIL



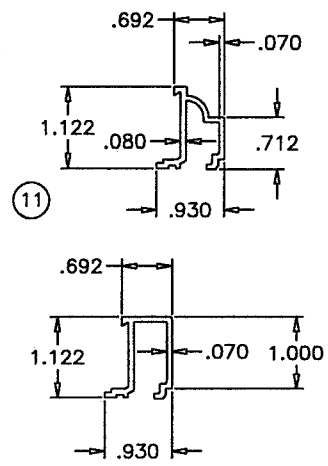
⑩



⑩A GLAZING BEADS

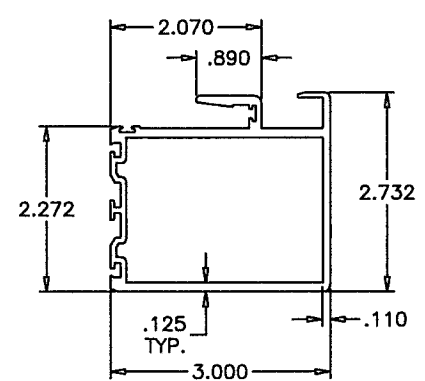


⑤ BOTTOM RAIL

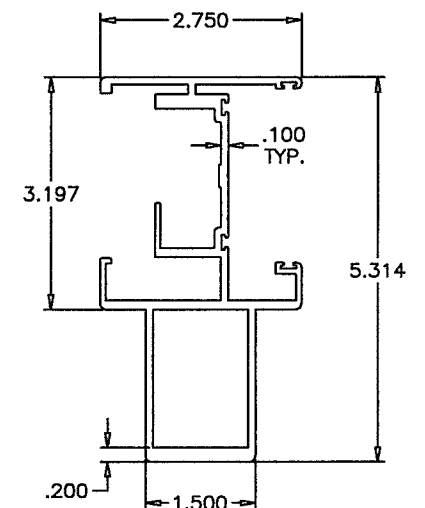


⑪

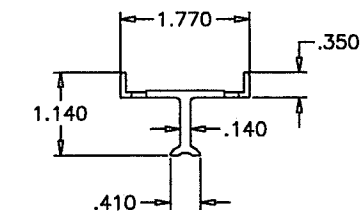
⑪A GLASS ADAPTERS



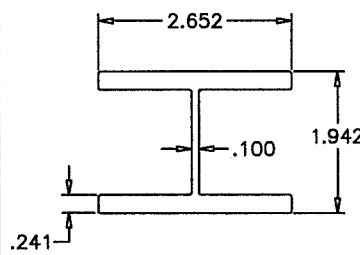
⑦ INTERLOCK STILE



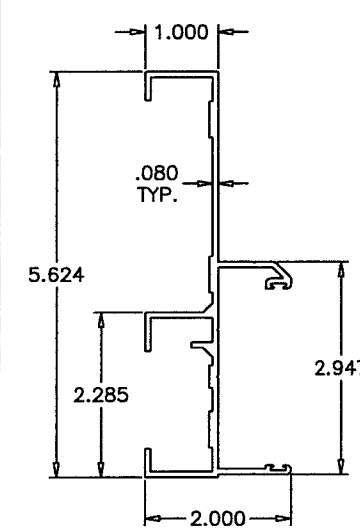
⑧ ASTRAGAL STILE



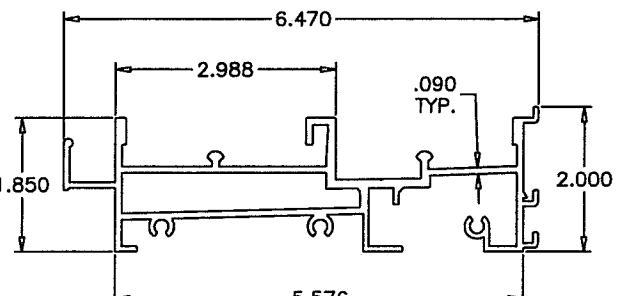
⑬ FIX. PANEL BASE



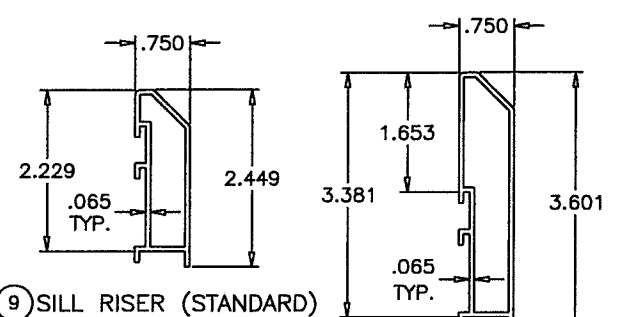
⑭ STILE REINFORCING



③ FRAME JAMB

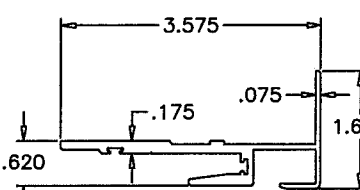


② FRAME SILL



⑨ SILL RISER (STANDARD)

⑨A SILL RISER (HI-RISE)



⑮ POCKET DOOR HOOK

PRODUCT REVISED
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By: Shay L. Chan
Miami-Dade Product Control

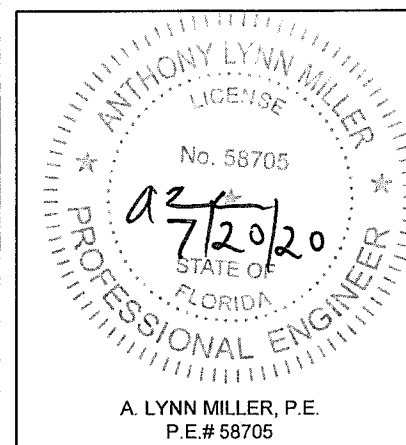
Revision:

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

REGISTRATION #29296

Impact Resistant
Windows & Doors
WERE STRONGER™
CGI WINDOWS AND DOORS, INC.
3780 W 104TH STREET
HIALEAH, FL 33018
(305) 593-6590

Rev.	Date	By	No.	DWG	Sheet	Series
A	06/10/2020	J ROSOWSKI	560-2T-LM-NOA	14 OF 16	2-TRACK, LMI	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	-

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0729.05**
Expiration Date: **06/12/2023**

By: Ismael L. Chanda
Miami-Dade Product Control

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.

Revision:

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

Impact Resistant
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WE'RE STRONGER™



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HIALEAH, FL 33018
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560SGDA ALUM. SLIDING GLASS DOOR, 2T (LMI)

BILL OF MATERIALS

SGD560A

Rev.

560-2T-LM-NOA

15 OF 16

2-TRACK, LMI

SGD560A

Date

06/10/2020

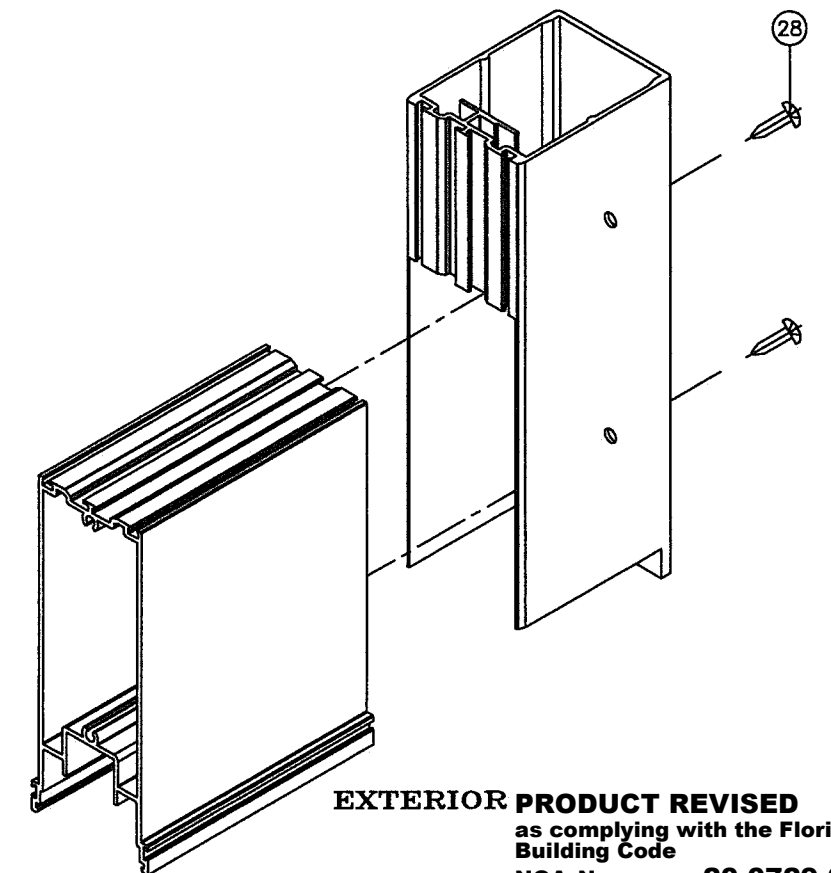
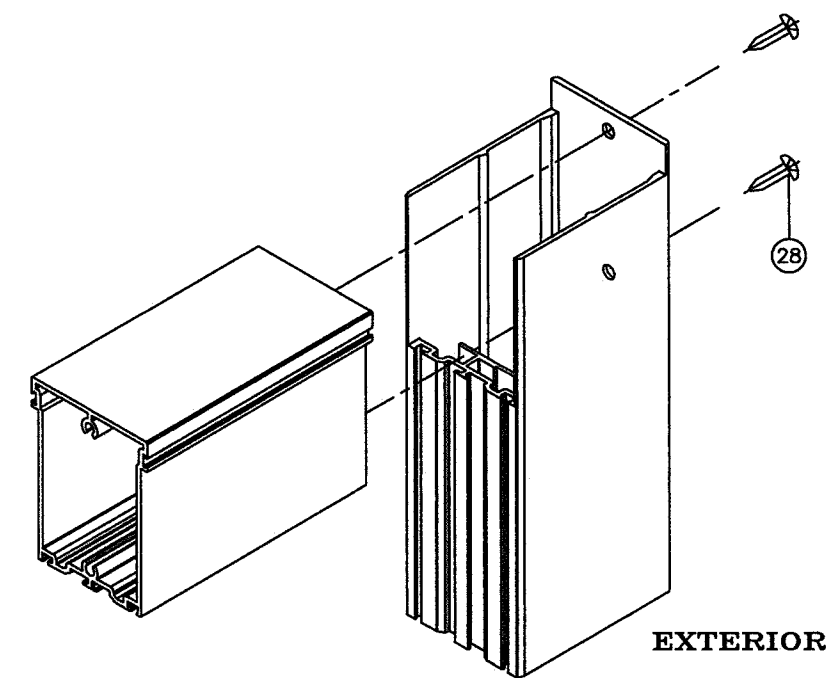
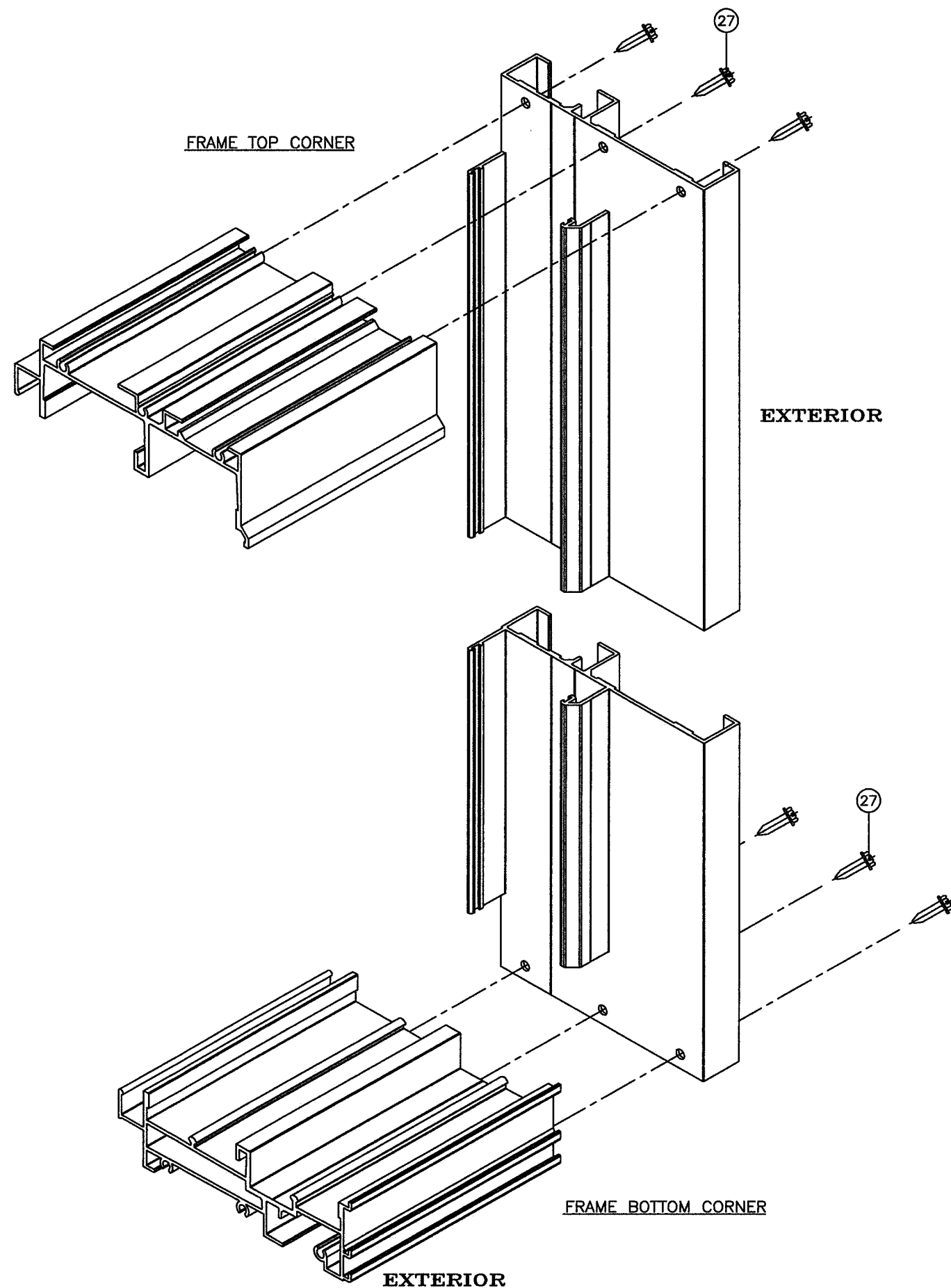
By

J ROSOWSKI

Drawn

ANTHONY LYNN MILLER
LICENSE
No. 58705
7/20/20
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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



PANEL BOTTOM CORNER

EXTERIOR PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. **20-0729.05**
 Expiration Date: **06/12/2023**
 By: Shang L. Chan
 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

**Impact Resistant
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 CGI WINDOWS AND DOORS, INC.
 3780 W 104TH STREET
 HIALEAH, FL 33018
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560SGDA ALUM. SLIDING GLASS DOOR, 2T (LMI)

Sheet 16 OF 16

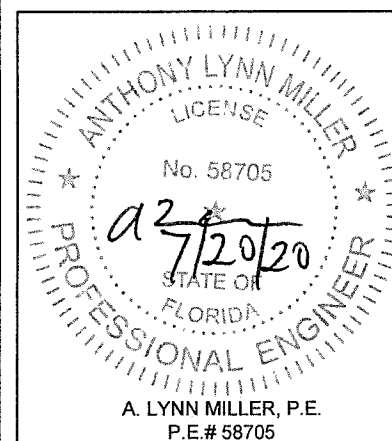
2-TRACK, LMI



CGI WINDOWS AND DOORS, INC.
 3780 W 104TH STREET
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CORNER DETAILS

SGD560A



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