



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

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**CGI WINDOWS and DOORS, INC.**  
3780 W. 103<sup>rd</sup> 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 "SGD 560 A" Aluminum Sliding Glass Door (3-tracks) w/ wo Reinforcements – S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **SGD-560-3T-SM-NOA Rev B**, titled Series "560SGDA Alum Sliding Glass Door, 3T(SMI)", sheets 1 through 16 of 16, prepared by manufacturer, dated 06/10/20 and last revised on 11/30/21, signed and sealed by 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: 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 **4**. See Exterior positive DP Vs sill w/ sill Riser rating on sheet **4**. See anchor types, clusters, shim space Vs DP capacity in sheets **6, 7 & 8** and Jamb/pocket anchor spacing on sheet **1**. Lower capacity shall control for the entire assembly.
3. See allowable Max. Frame area (ft<sup>2</sup>), configurations & DP for Non-pocketed Doors & Pocketed Doors 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 & replaces** NOA # **20-0729.04** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 & E-5, as well as approval document mentioned above.

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



*Ishaq I. Chanda*

NOA No. 21-1208.07  
Expiration Date: June 26, 2023  
Approval Date: January 06, 2022  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. Evidence submitted under previous approvals**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W09-59**, titled "Series 560 Alum Sliding Glass Door – SMI", sheets 1 through 13 of 13, including sheets 2.1 and 9.1, dated 11/10/09, prepared by Al-Farooq Corporation, with latest revision "E" dated 12/23/15, signed and sealed by Javad Ahmad, P. E.

**B. TESTS (Submitted under NOA(s) #09-1209.05 & 08-0530.01)**

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) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) 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.

along with marked-up drawings and installation diagram of an aluminum SGD, prepared by Hurricane Engineering Testing, Inc., Test Reports No.'s **HETI-08-2070** dated 02/29/08 and revised on 05/21/08, **HETI-07-4427** dated 12/27/07, **HETI-07-4405** dated 12/27/07 and revised on 04/08/08, and **HETI-07-4418** dated 12/27/07, all signed and sealed by Candido F. Font, P. E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC-2014, 5<sup>th</sup> edition**, dated 12/10/15, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-04 & 09.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **15-1201.11** issued to Eastman Chemical Company (MA) for their "**Saflex Clear and Color Glass Interlayers**", expiring on 05/21/2021.
2. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**", expiring on 07/08/19.

**F. STATEMENTS (Submitted under file # 15-0413.04)**

1. Statement letter of conformance to, complying with **FBC 5<sup>th</sup> Edition (2014)**, and of no financial interest, dated 02/25/15, signed and sealed by Javad Ahmad, P. E.
2. One-year extension request letter issued by CGI Windows and Doors, Inc., dated 05/30/17, signed by Robert Beard, P.E.
3. Proposal No. **16-1527** issued by Product Control, dated 12/22/16, signed by Jorge Plasencia, P. E.
4. BCCO Test proposal **#08-1653**, approved on 01/28/2009 and Test 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.
5. Lab Compliance statement, part of above referenced test reports.

**G. OTHERS**

1. This NOA revises **NOA#15-0413.04**, expiring 06/26/17.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 21-1208.07**  
**Expiration Date: June 26, 2023**  
**Approval Date: January 06, 2022**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. Evidence submitted under previous approval.**

**A. DRAWINGS**

1. Drawing No. **W09-59**, titled “Series 560 Alum Sliding Glass Door – SMI”, sheets 1 through 13 of 13, including sheets 2.1, 6.1 and 9.1, dated 11/10/09, prepared by Al-Farooq Corporation, with latest revision “G” dated 03/14/18, signed and sealed by Javad Ahmad, P. E.

**B. TESTS**

1. Test reports on:
  - 1) Air Infiltration Test, per FBC, TAS 202–94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202–94
  - 3) Water Resistance Test, per FBC, TAS 202–94
  - 4) 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 (3-tracks-6-panels), 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 6<sup>th</sup> Edition (2017)**, dated 12/11/17, 04/02/18 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. **17-0712.05** issued to Eastman Chemical Company (MA). for their “**Saflex Clear and Color Glass Interlayers**” dated 09/07/17, expiring on 05/21/21.
2. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/19.

**F. STATEMENTS**

1. Statement letter of conformance to **FBC 6<sup>th</sup> Edition (2017)**, and of no financial interest, dated 11/28/17, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**G. OTHER**

1. This NOA **revises** and **renews** NOA #17-0307.10, expiring on 06/26/23.

**3. Evidence submitted under previous approval.**

**A. DRAWINGS**

1. Drawing No. **W09–59 Rev H**, titled Series “560 Aluminum Sliding Glass Door (SMI)”, sheets 1 through 13 (inclusive 2.1, 6.1 and 9.1) of 13, prepared by Al-Farooq Corporation, dated 11/10/09 and last revised on AUG 29, 2019, signed and sealed by Javad Ahmad, P. E.

**B. TESTS**

1. REF 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.

\_\_\_\_\_ Ishag I. Chande –  
**Product Control Unit Supervisor**

**NOA No. 21-1208.07**

**Expiration Date: June 26, 2023**

**Approval Date: January 06, 2022**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**C. CALCULATIONS** (submitted under *17-1226.03*)

1. Supplement anchor verification calculation for wider panel, prepared by Al-Farooq Corp. dated 05/29/19, 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. **17-0712.05** issued to Eastman Chemical Company (MA) for their “**Saflex Clear and Color Glass Interlayers**” dated 09/07/17, expiring on 05/21/2021.
2. Notice of Acceptance No. **19-0305.02** issued to Kuraray America, Inc. for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.

**F. STATEMENTS**

2. Statement letter of conformance to **FBC 6<sup>th</sup> Edition (2017)**, and of no financial interest, dated 08/22/19, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**G. OTHER**

1. This NOA **revises NOA # 17-1226.03**, expiring 06/26/2023.

**4. Evidence submitted under previous approval**

**A. DRAWINGS**

1. Drawing No. **SGD-560A-3T-SM-NOA Rev A** (former **W09-59 Rev H**), titled Series “560 Aluminum Sliding Glass Door (SMI)”, sheets 1 through 15 of 15, 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) 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

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 Lab, Inc., Test Reports No.:

**CGI Windows and Doors Inc. test specimens:**

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

*Ishaq I. Chanda*

**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 21-1208.07**  
**Expiration Date: June 26, 2023**  
**Approval Date: January 06, 2022**

**CGI WINDOWS and DOORS, INC.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS (continue):**

**PGT Industries, Inc. test specimens:**

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

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 7<sup>th</sup> 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).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **15-1201.11** issued to Eastman Chemical Company (MA) for their “**Saflex Clear and Color Glass Interlayers**”, expiring on 05/21/2021.
2. Notice of Acceptance No. **19-0305.02** issued to Kuraray America, Inc. for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.

**F. STATEMENTS**

1. Statement letters of conformance to FBC 2020(**7<sup>th</sup>** 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 #18-1128.10**, for FBC 2020 update, expiring 06/26/23.
2. RER Test proposals **#19-1155** dated 01/10/20 approved by Ishaq I. Chanda, P.E.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 21-1208.07**  
**Expiration Date: June 26, 2023**  
**Approval Date: January 06, 2022**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**5. New Evidence submitted**

**A. DRAWINGS**

1. Drawing No. **SGD-560-3T-SM-NOA Rev B**, titled Series “560SGDA Alum Sliding Glass Door, 3T(SMI)”, sheets 1 through 16 of 16, prepared by manufacturer, dated 06/10/20 and last revised on 11/30/21, signed and sealed by Lynn A. Miller, P. E.

**B. TESTS**

1. None.

**C. CALCULATIONS (submitted under NOA # 20-0729.04)**

1. Anchor verification calculations & structural analysis, complying with **FBC 7<sup>th</sup> Edition (2020)**, dated 07/20/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **21-0216.01** issued to Eastman Chemical Company (MA) for their “**Saflex Clear and Color Glass Interlayers**”, expiring on 05/21/2026.
2. Notice of Acceptance No. **19-0305.02** issued to Kuraray America, Inc. for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.

**F. STATEMENTS**

1. Statement letters of conformance to FBC 2020(7<sup>th</sup> Edition), dated 12/15/21, prepared, signed & sealed by Lynn Miller, P. E.

**G. OTHER**

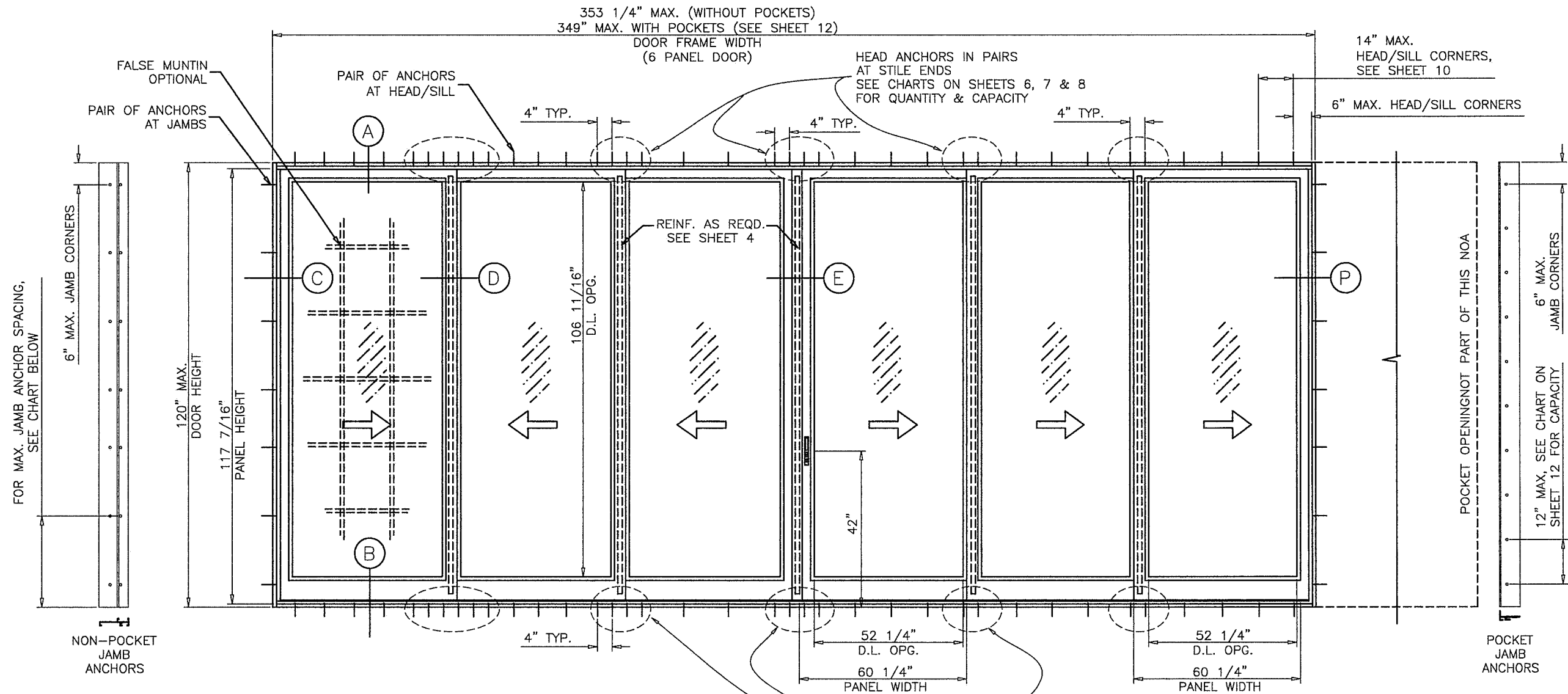
1. This NOA **revises & replaces NOA # 20-0729.04**, expiring 06/26/2023.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 21-1208.07**  
**Expiration Date: June 26, 2023**  
**Approval Date: January 06, 2022**





## SERIES SGD560A ALUMINUM SLIDING GLASS DOOR 3-TRACK, SMALL MISSILE

1) THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 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 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 SHEET 4 FOR THE GLASS TYPE AND REINFORCING TO USE.
- STEP 3** USING CHARTS ON SHEETS 6, 7 & 8 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 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 (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 SMALL MISSILE IMPACT. MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UPTO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS UP TO 30 FT. OF GRADE.

LAMINATED GLASS AND  
LAMINATED INSULATING GLASS  
SMALL MISSILE IMPACT

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 21-1208.07

Expiration Date 06/26/2023

By *Ishag I. Chank*  
Miami-Dade Product Control

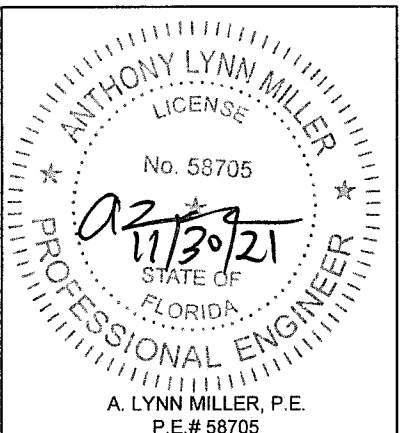
Revision:  
CORRECTED HEADINGS &  
DESIGN PRESSURE VALUES  
IN TABLES. - JR - 11/30/21

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

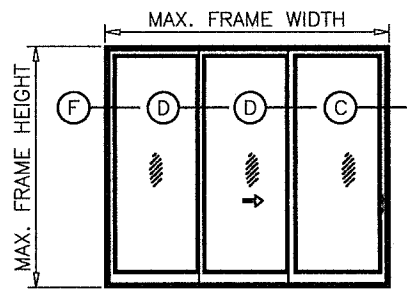
REGISTRATION #29296

Series	Desc.	Title	Date	By	Drawn	No.	DWG	Rev.
SGD560A	3-TRACK, SMI	ELEVATION AND GENERAL NOTES	06/10/2020	J ROSOWSKI		560-3T-SM-NOA	B	
						1 OF 16		

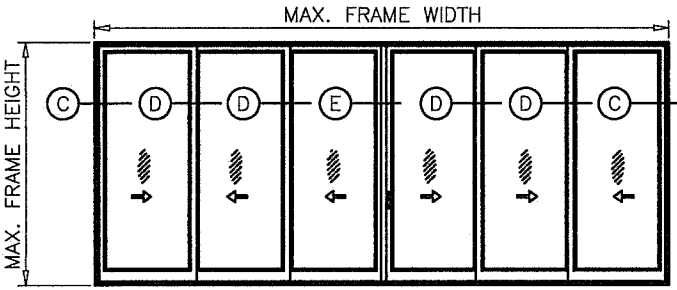
Impact Resistant  
Windows & Doors  
WE'RE STRONGER™  
CGI WINDOWS AND DOORS, INC.  
3780 W 104TH STREET  
HIALEAH, FL 33018  
(305) 593-6590



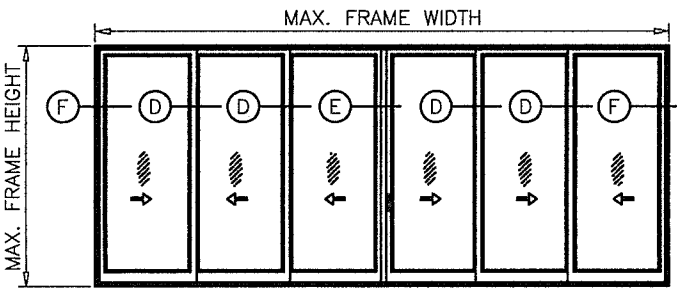
APPROVED CONFIGURATIONS  
NON-POCKETED DOORS



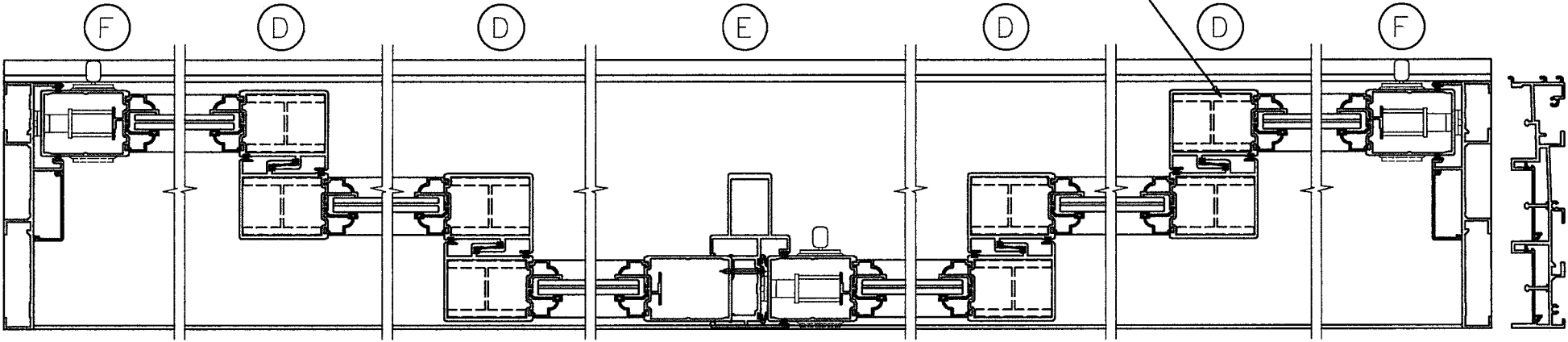
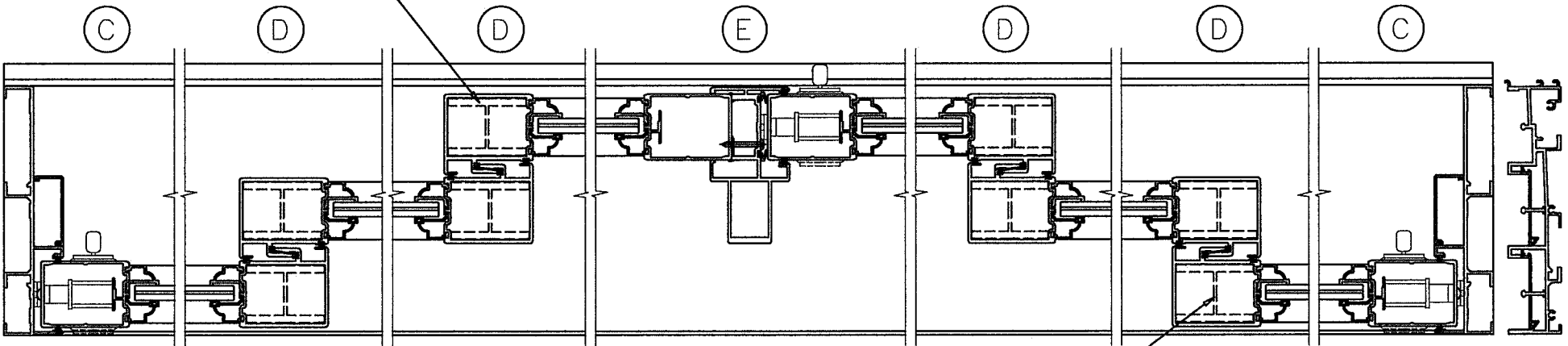
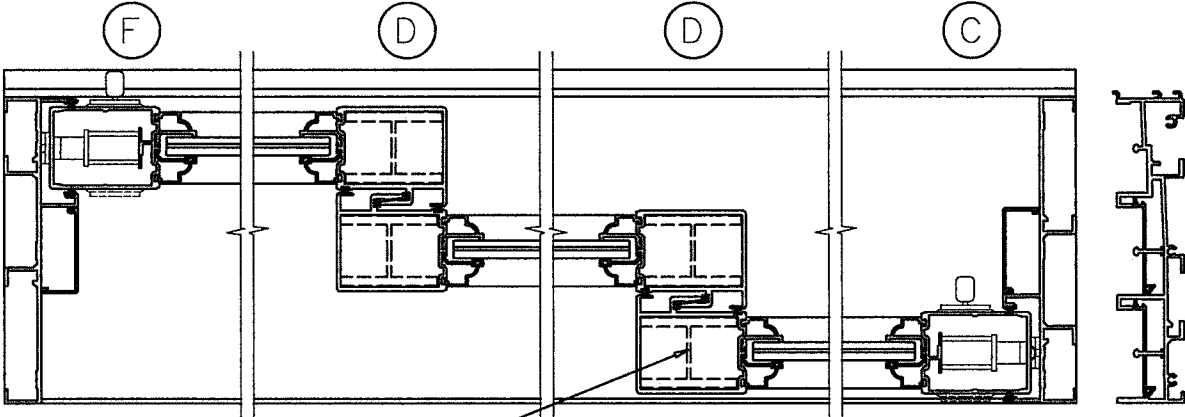
XXX (SHOWN)  
OXX  
XXO



XXXXXX (SHOWN)  
OXXXXO



XXXXXX (SHOWN)  
OXXXXO



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. 21-1208.07

Expiration Date 06/26/2023

By *Ishag I. Chank*  
Miami-Dade Product Control

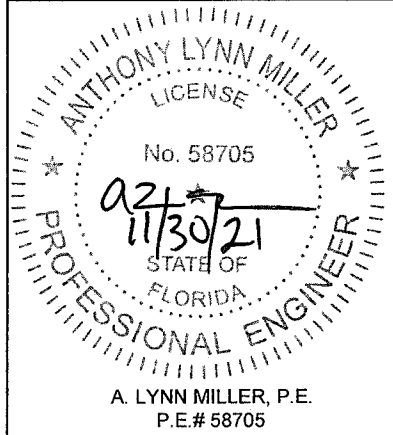
Revision:

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

REGISTRATION #29296

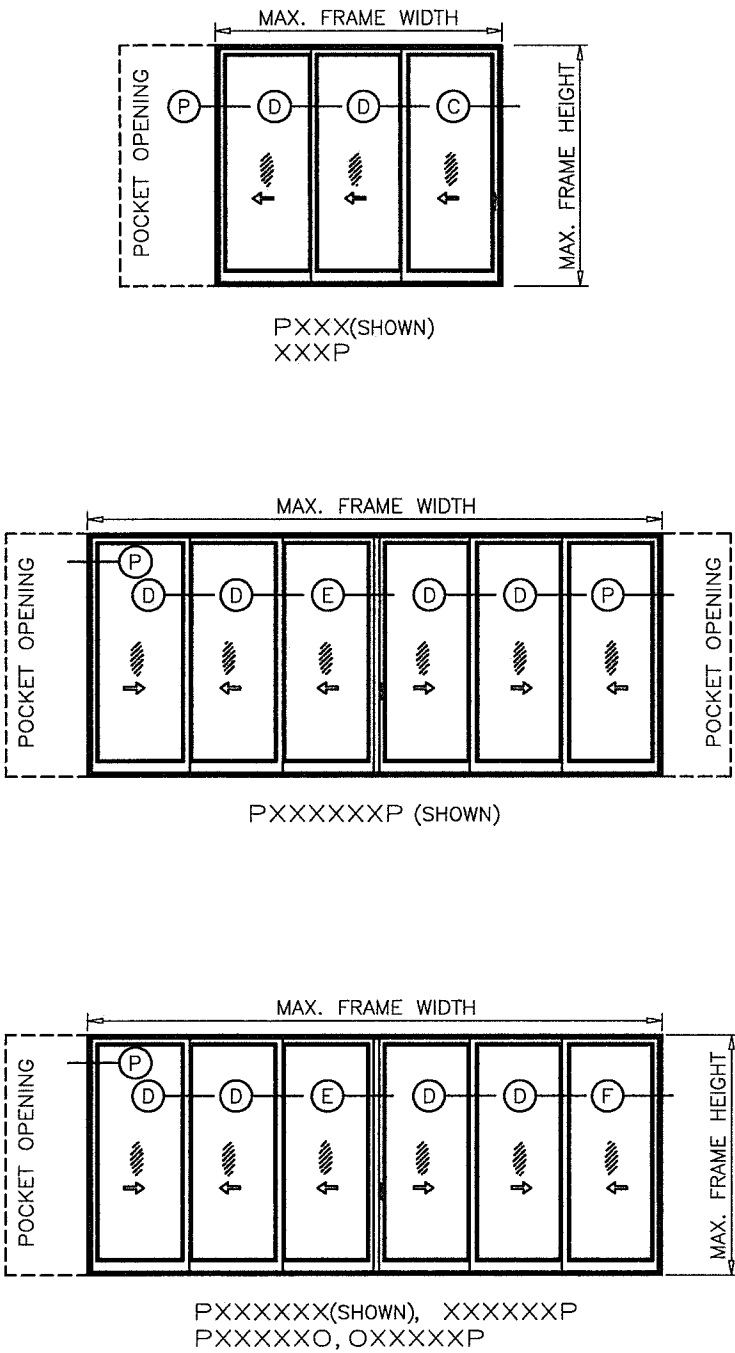
Series	Desc.	Title	Date	By	DWG No.	Rev.
SGD560A	X-SECTIONS, NON-POCKETED	560SGDA ALUM. SLIDING GLASS DOOR, 3T (SMI)	06/10/2020	J ROSOWSKI	560-3T-SM-NOA-B	B

**Impact Resistant Windows & Doors**  
**WE'RE STRONGER™**  
CGI WINDOWS AND DOORS, INC.  
3780 W 104TH STREET  
HIALEAH, FL 33016  
(305) 593-6590





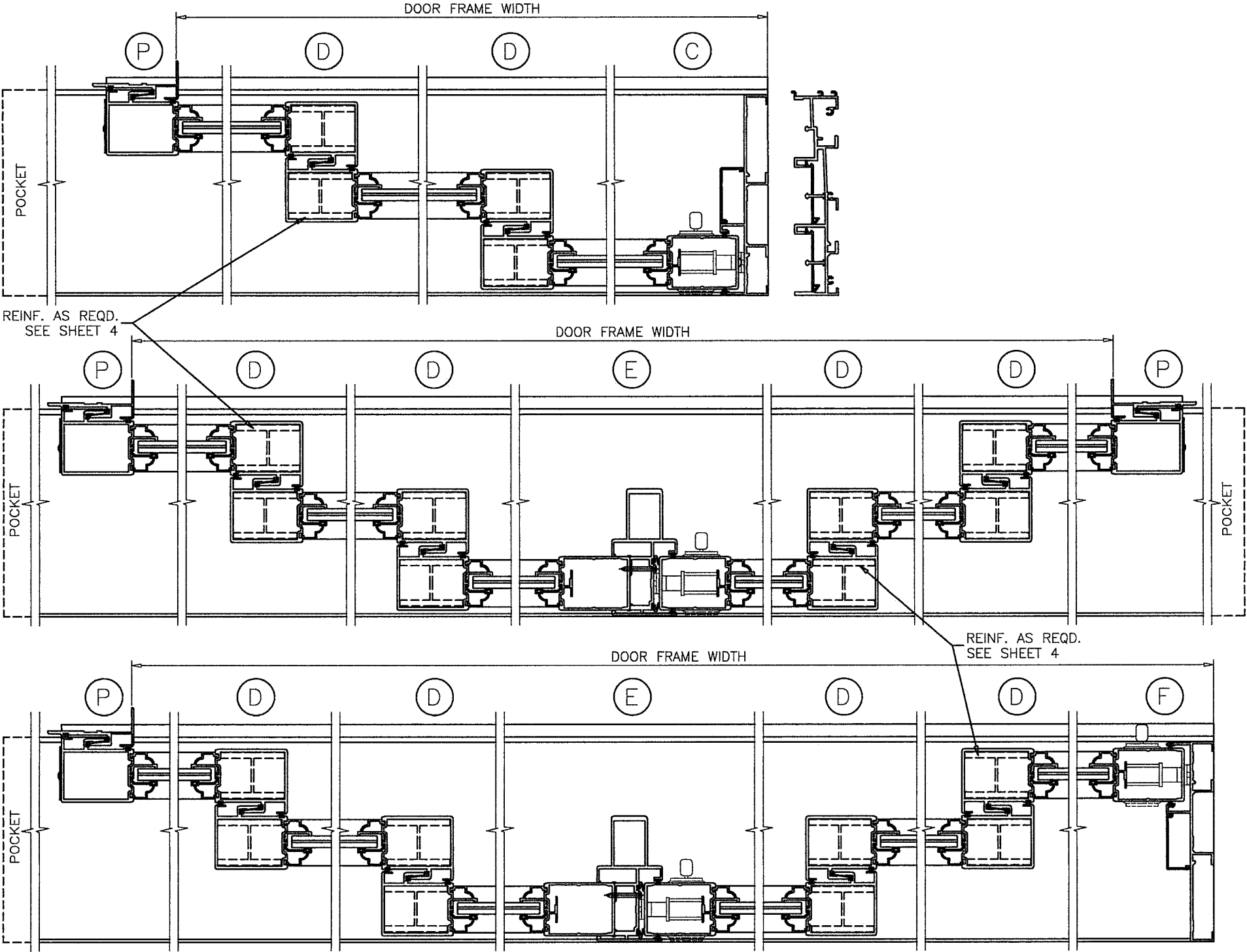
APPROVED CONFIGURATIONS  
POCKETED DOORS



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: (Door Width + 7 1/2")/3 = Panel Width  
For PXXXXXXP: (Door Width + 16 1/8")/6 = Panel Width  
For PXXXXXX: (Door Width + 12 1/16")/6 = Panel Width

Formula to convert Panel Width to Door Width

For PXXX: Panel Width x 3 - 7 1/2" = Door Width  
For PXXXXXXP: Panel Width x 6 - 16 1/8" = Door Width  
For PXXXXXX: Panel Width x 6 - 12 1/16" = Door Width

Panel Height Formula

Door Height - 2 9/16" = Panel Height

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

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. 21-1208.07

Expiration Date 06/26/2023

By Ishag I. Chank  
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. 560-3T-SM-NOA B

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

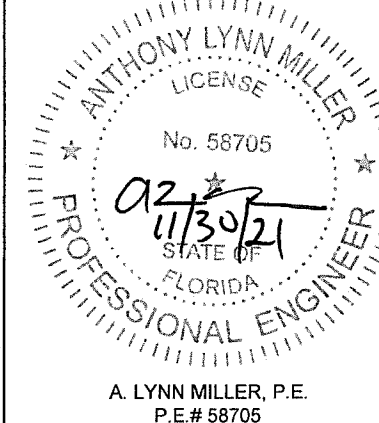
560SGDA ALUM. SLIDING GLASS DOOR, 3T (SMI)

X-SECTIONS - POCKETED

3 OF 16

3-TRACK, SMI

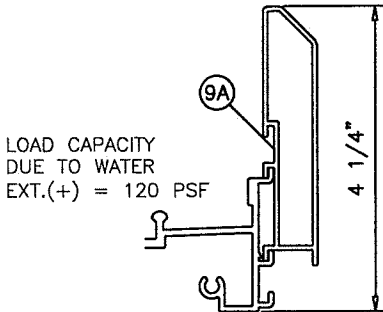
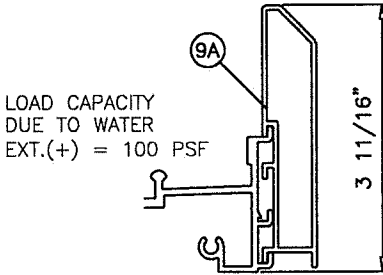
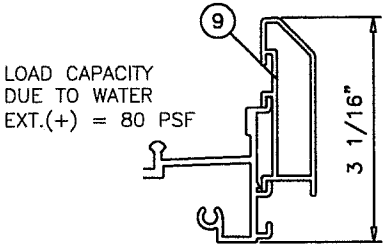
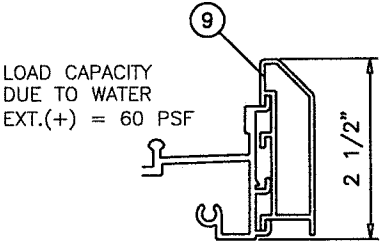
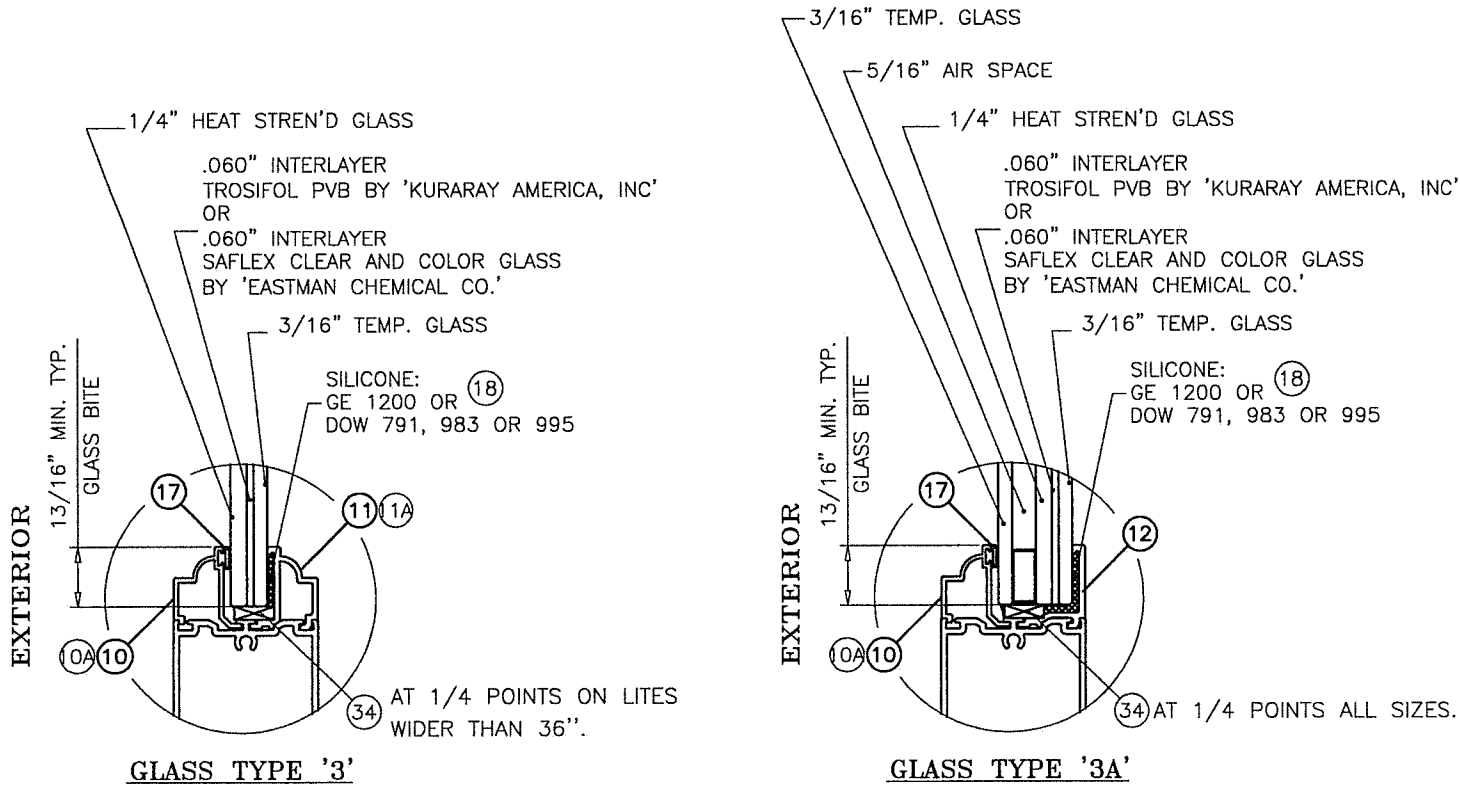
SGD560A







GLAZING OPTIONS



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


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

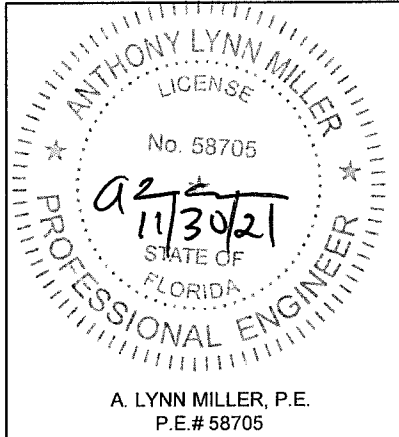
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 21-1208.07

Expiration Date 06/26/2023

By *Ishag I. Lhank*  
Miami-Dade Product Control

Revision:
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 <b>Impact Resistant Windows &amp; Doors</b> <b>WE'RE STRONGER™</b>	CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			REGISTRATION #29296				
	560SGDA ALUM. SLIDING GLASS DOOR, 3T (SMI)		Date	06/10/2020						
	GLAZING DETAILS		Drawn By	J ROSOWSKI						
Series	SGD560A	Config	3-TRACK, SMI		Sheet	5 OF 16	DWG No.	560-3T-SM-NOA	Rev.	B



DESIGN LOAD CAPACITY – PSF (ANCHORS AT HEAD/SILL)																		
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		91.8	112.1	112.1	101.5	112.1	112.1	72.0	95.9	112.1	112.1	74.6	93.3	111.9	112.1	112.1	112.1	112.1
24–1/4	84	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		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	90	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		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	96	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		109.1	140.0	140.0	120.6	140.0	140.0	85.5	114.0	140.0	140.0	88.7	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	102	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		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	108	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		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	114	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		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	120	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		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. 21-1208.07

Expiration Date 06/26/2023

By *Ishag I. Chank*  
Miami-Dade Product Control

Revision:	
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 <b>Impact Resistant Windows &amp; Doors</b> <b>WE'RE STRONGER™</b>		CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		Date		06/10/2020	
								By		J ROSOWSKI	
560SGDA ALUM. SLIDING GLASS DOOR, 3T (SMI)		DP PER ANCHORS AND SHIM SPACE		DWG No.		560-3T-SM-NOA-B		Rev.		B	
SGD560A		3-TRACK, SMI		Sheet		6 OF 16		DWG		560-3T-SM-NOA-B	
Series		Desc.		Title		Title		Title		Title	



DESIGN LOAD CAPACITY – PSF (ANCHORS AT HEAD/SILL)															
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	139.3	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	123.9	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	131.6	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	87.8	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	112.2	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	101.0	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. 21-1208.07

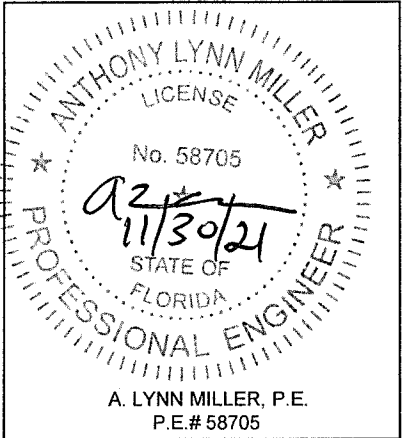
Expiration Date 06/26/2023

By Ishag I. Lhank  
Miami-Dade Product Control

Revision:	
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 <b>Impact Resistant Windows &amp; Doors</b> <b>WERE STRONGER™</b>		CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
REGISTRATION #29296					
560SGDA ALUM. SLIDING GLASS DOOR, 3T (SMI)		Date		06/10/2020	
DP PER ANCHORS AND SHIM SPACE		By		J ROSOWSKI	
SGD560A		Sheet		Rev.	
3-TRACK, SMI		7 OF 16		560-3T-SM-NOA	
Config		DWC		B	
Series		No.			
Desc.		Drawn			
Title					

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, 3T (SMI)	REGISTRATION #29296	J ROSOWSKI	SGD560A	3-TRACK, SMI	7 OF 16



DESIGN LOAD CAPACITY -- PSF (ANCHORS AT HEAD/SILL)													
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				
		4	6	4	6	4	6	8	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	—	
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	133.5	140.0	140.0	140.0	140.0	140.0	140.0	
48-1/4		140.0	140.0	140.0	140.0	116.9	140.0	140.0	122.7	140.0	140.0	140.0	
54-1/4		124.5	124.5	124.5	124.5	104.0	124.5	124.5	109.1	124.5	124.5	124.5	
60-1/4		112.1	112.1	112.1	112.1	93.6	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	133.3	140.0	86.6	115.4	140.0	90.9	113.6	136.4	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	130.8	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	65.7	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	102.3	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	104.0	65.5	81.9	98.3	105.0	

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.

INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ACCEPTABLE

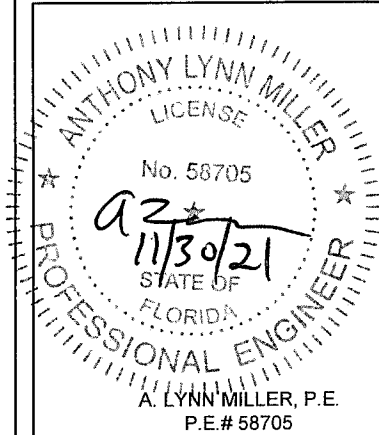
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 21-1208.07

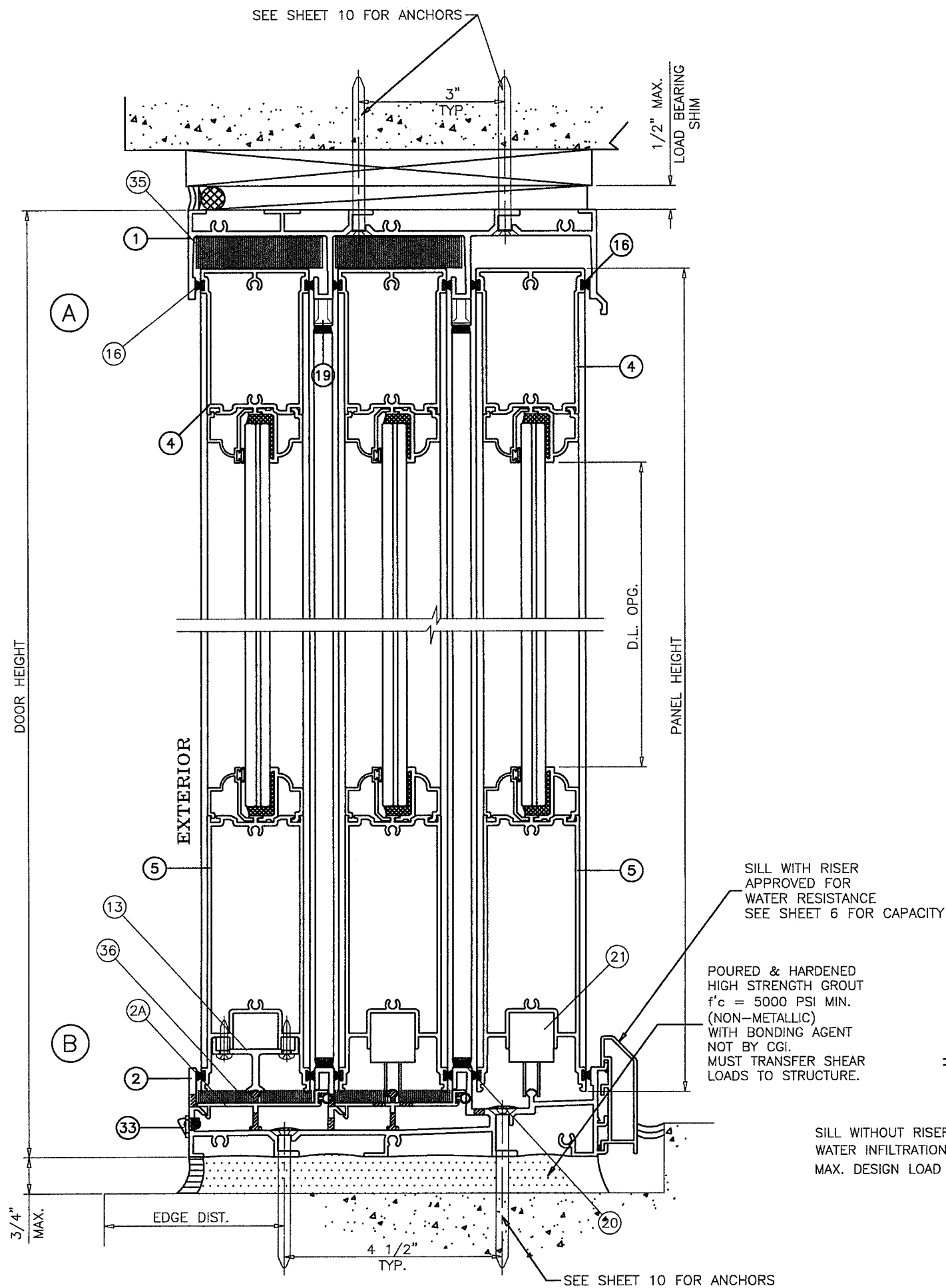
Expiration Date 06/26/2023

By *Ishag I. Lhank*  
Miami-Dade Product Control

Revision:	
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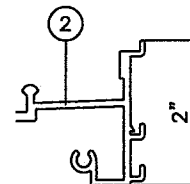
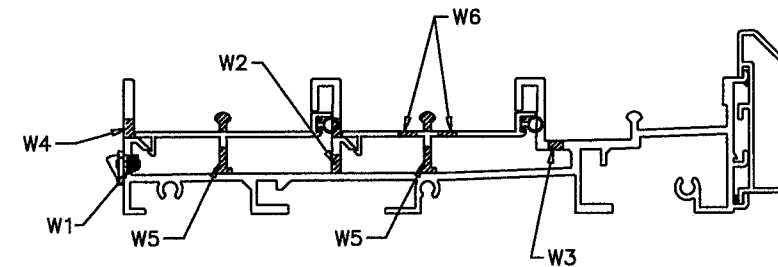
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		06/10/2020		J ROSOWSKI	Rev.	B
				Date	By			
					Drawn			
					No.			
Impact Resistant Windows & Doors <b>WE'RE STRONGER™</b> CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		560SGDA ALUM. SLIDING GLASS DOOR, 3T (SMI)		DP PER ANCHORS AND SHIM SPACE		SGD560A	Sheet	8 OF 16
Impact Resistant Windows & Doors <b>WE'RE STRONGER™</b> CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		560SGDA ALUM. SLIDING GLASS DOOR, 3T (SMI)		DP PER ANCHORS AND SHIM SPACE		SGD560A	Title	3-TRACK, SMI





### 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.



SILL WITHOUT RISER NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.  
MAX. DESIGN LOAD FOR THIS SILL IS THE SAME AS 4-1/4" RISER.

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.

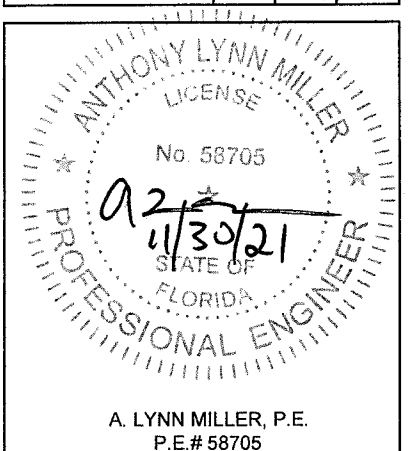
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 21-1208.07

Expiration Date 06/26/2023

By *Ishag I. Lhank*  
Miami-Dade Product Control

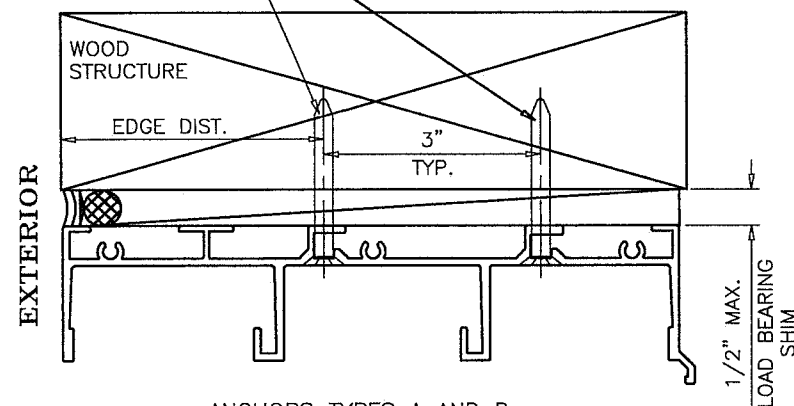
Revision:

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	06/10/2020	Rev.	B
		By	J ROSOWSKI	DWG No.	560-3T-SM-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, 3T (SMI)	INSTALLATION DETAILS	SGD560A	Sheet	9 OF 16
				Config	3-TRACK, SMI



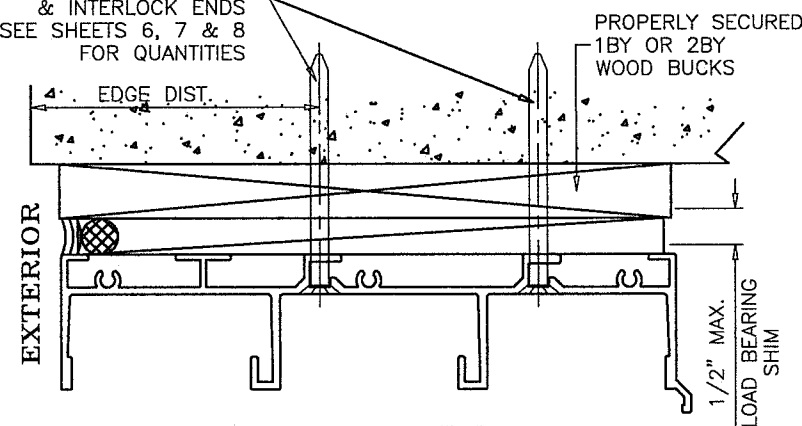


TYPICAL ANCHORS  
IN CLUSTERS  
AT MTG. STILE  
& INTERLOCK ENDS  
SEE SHEETS 6, 7 & 8  
FOR QUANTITIES



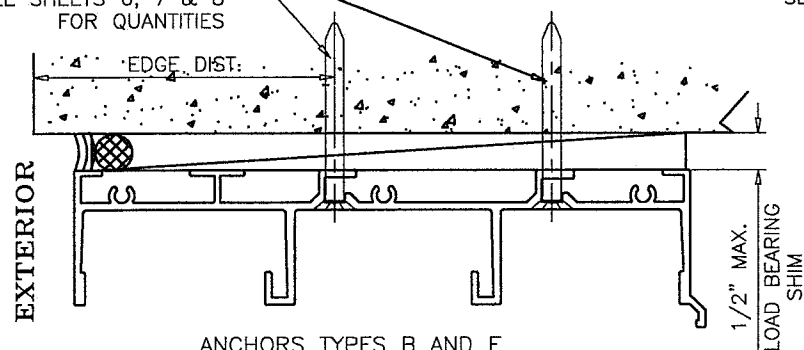
ANCHORS TYPES A AND D  
INTO WOOD STRUCTURES

TYPICAL ANCHORS  
IN CLUSTERS  
AT MTG. STILE  
& INTERLOCK ENDS  
SEE SHEETS 6, 7 & 8  
FOR QUANTITIES



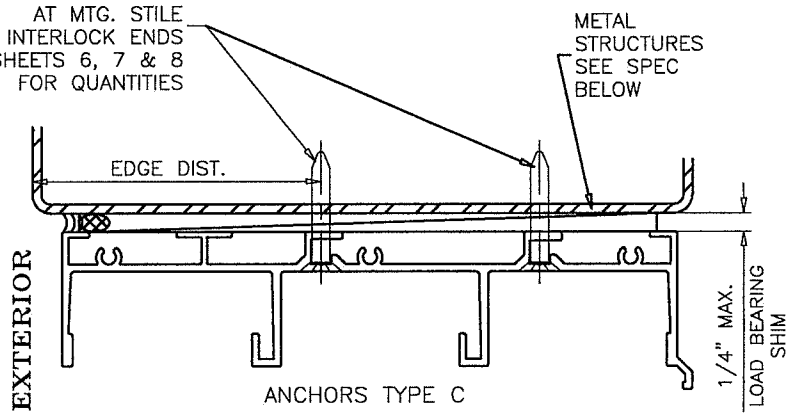
ANCHORS TYPES A AND D  
THRU PROPERLY SECURED 1BY OR 2BY  
WOOD BUCKS INTO 3 KSI CONCRETE

TYPICAL ANCHORS  
IN CLUSTERS  
AT MTG. STILE  
& INTERLOCK ENDS  
SEE SHEETS 6, 7 & 8  
FOR QUANTITIES



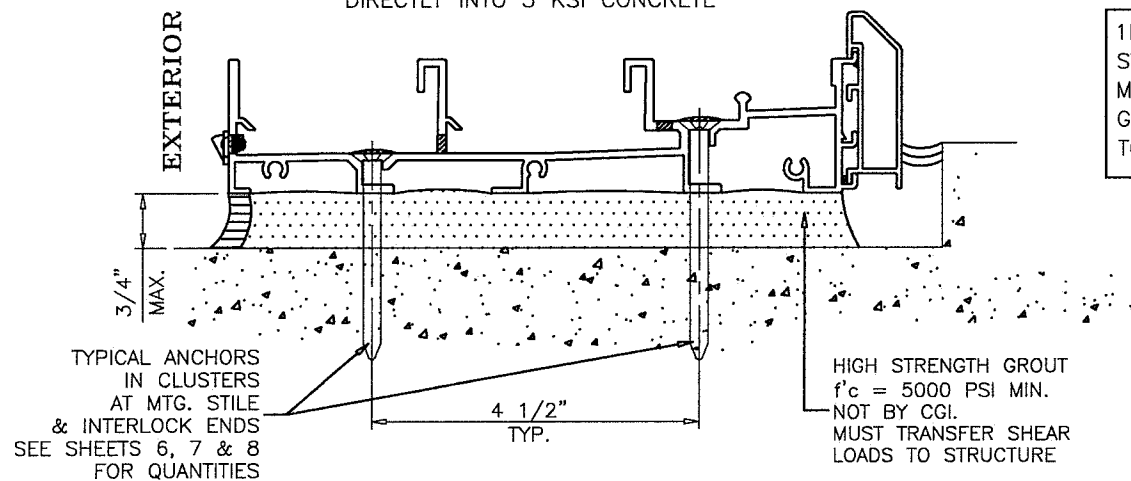
ANCHORS TYPES B AND E  
DIRECTLY INTO 3 KSI CONCRETE

TYPICAL ANCHORS  
IN CLUSTERS  
AT MTG. STILE  
& INTERLOCK ENDS  
SEE SHEETS 6, 7 & 8  
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 CGI WINDOWS,  
MUST SUSTAIN LOADS IMPOSED BY  
GLAZING SYSTEM AND TRANSFER THEM  
TO THE BUILDING STRUCTURE.

## TYPICAL ANCHORS: SEE ELEV. FOR SPACING

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

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

TYPE 'AA' - 5/16" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=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' (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)

## 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.

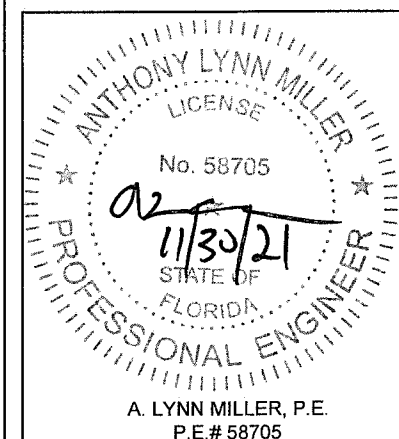
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 21-1208.07

Expiration Date 06/26/2023

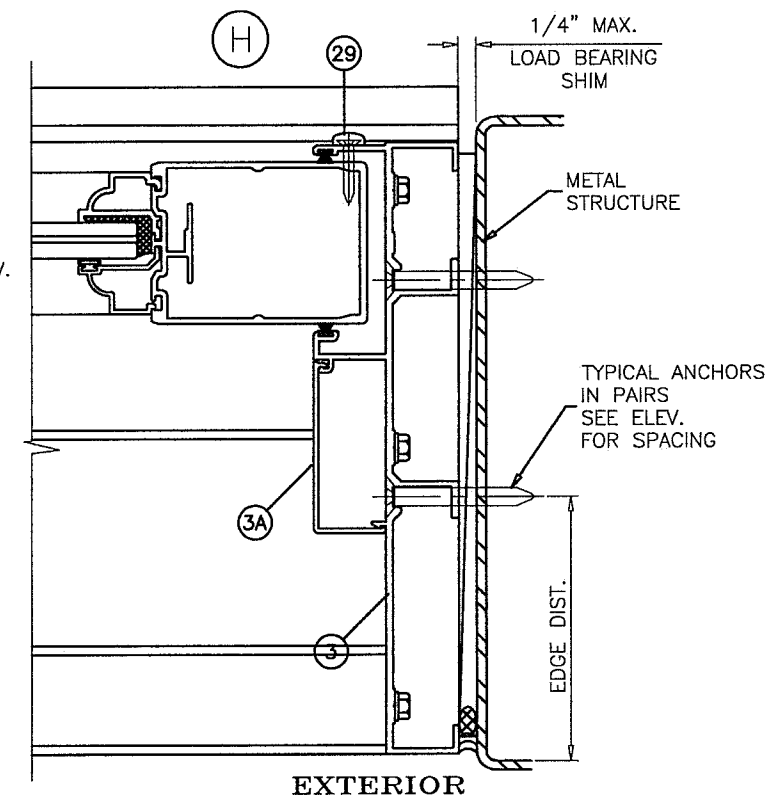
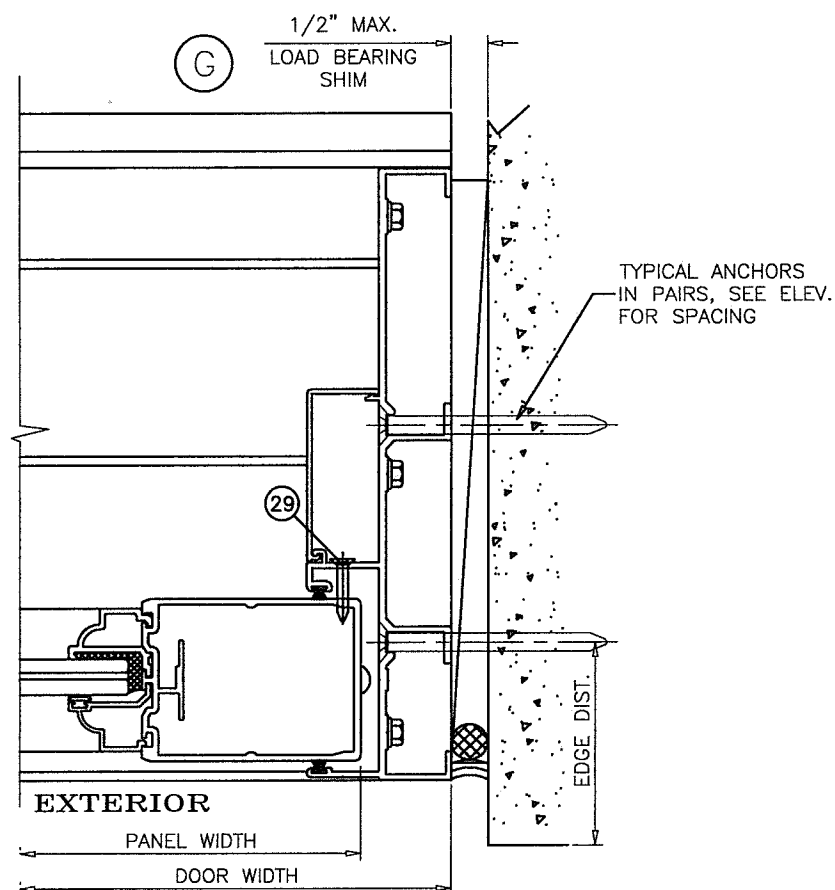
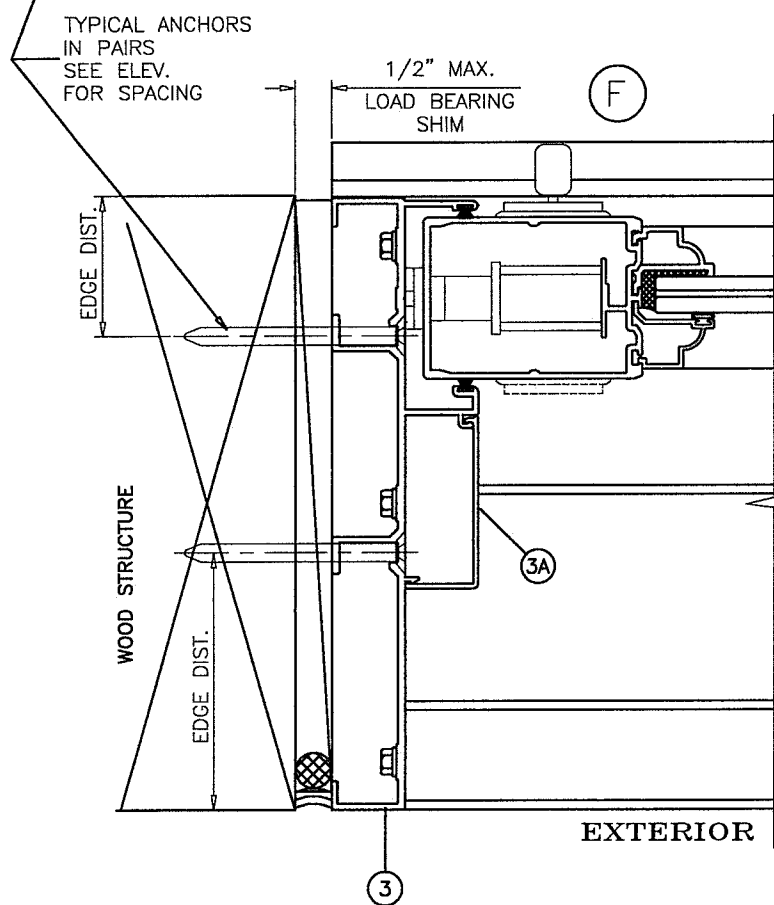
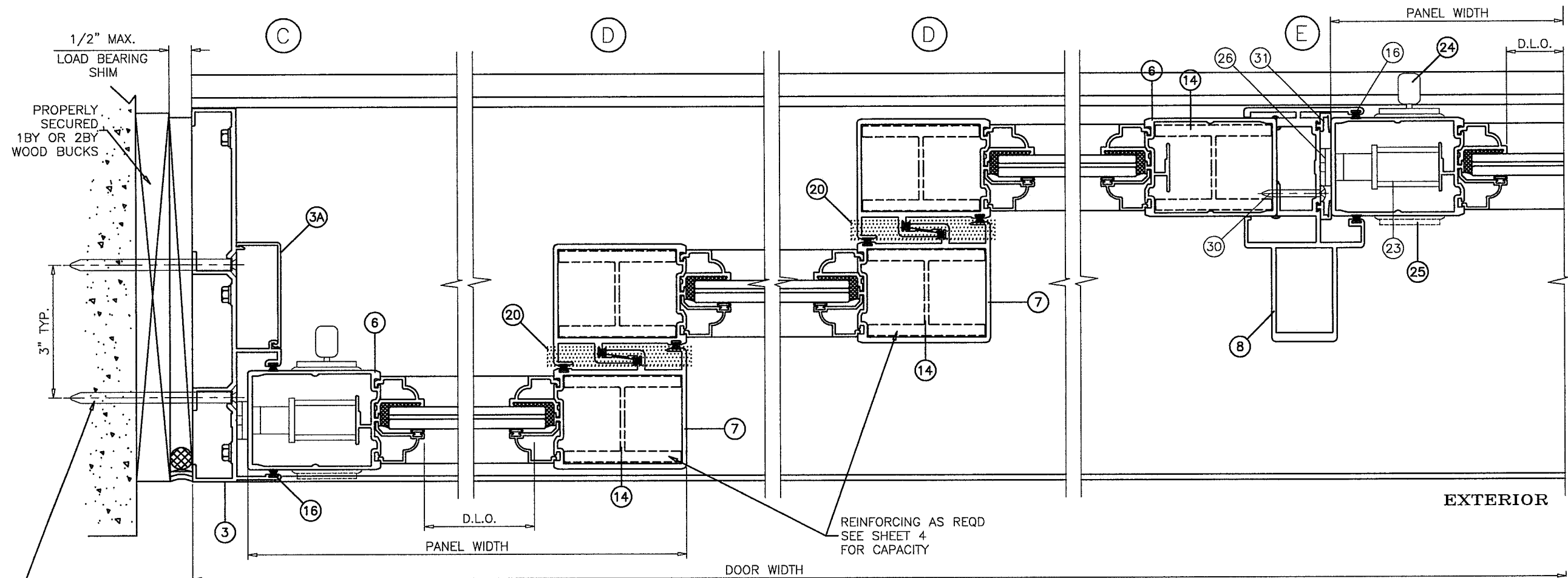
By *Ishag I. Chank*  
Miami-Dade Product Control

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. 560-3T-SM-NOA	REV. B
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, 3T (SMI)	INSTALLATION DETAILS	SHEET 10 OF 16	DWG	3-TRACK, SMI
CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	560SGDA ALUM. SLIDING GLASS DOOR, 3T (SMI)	INSTALLATION DETAILS	SHEET 10 OF 16	DWG	3-TRACK, SMI







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**  
as complying with the Florida  
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Expiration Date 06/26/2023  
By Ishag I. Chank  
Miami-Dade Product Control

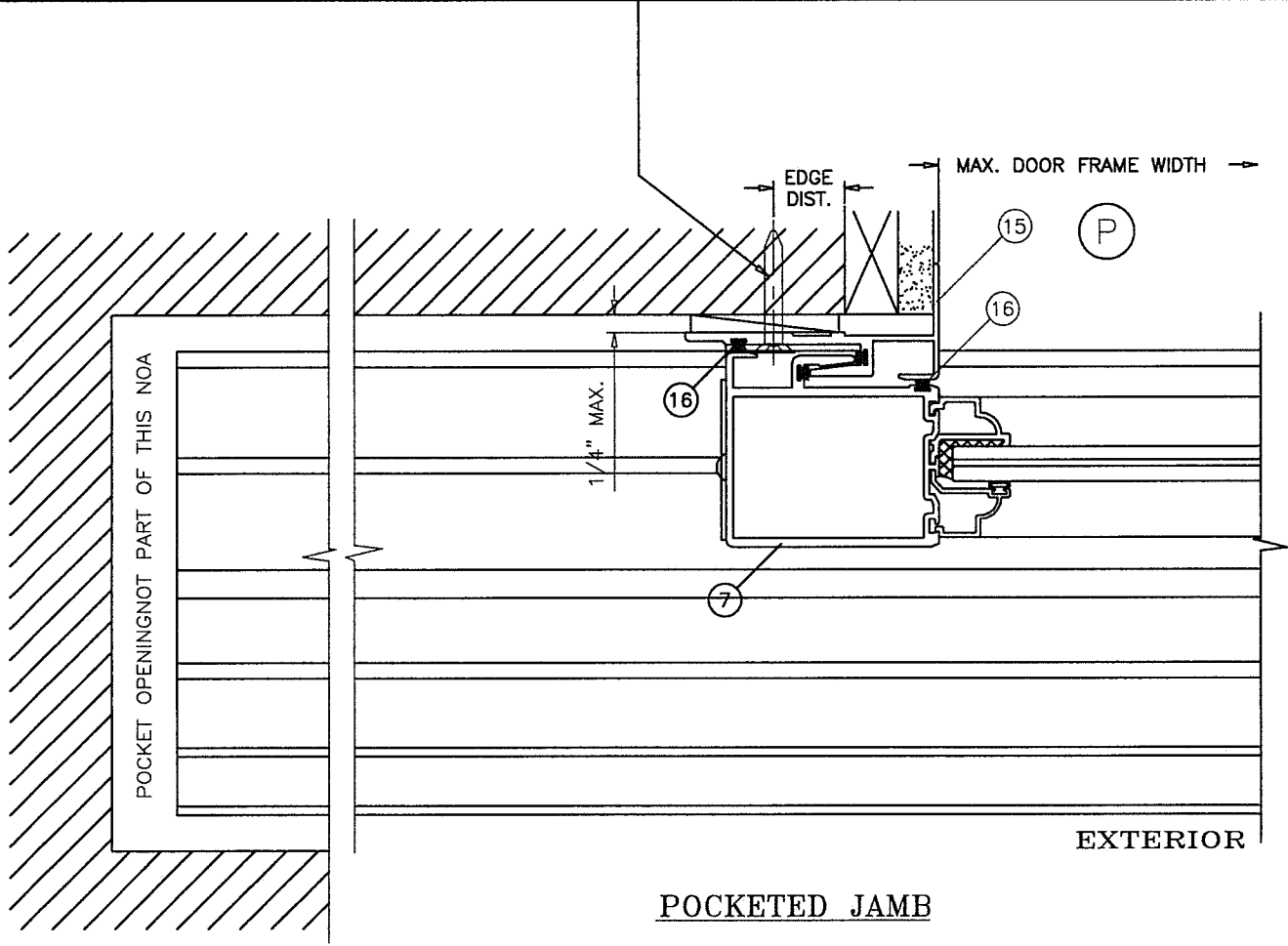
Revision:

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	06/10/2020	Rev.	B
		By	J ROSOWSKI	Rev.	B
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, 3T (SMI)	DWG No.	11 OF 16	Sheet	560-3T-SM-NOA
INSTALLATION DETAILS	SGD560A	Config	3-TRACK, SMI	Sheet	560-3T-SM-NOA

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
11/30/21  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705

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.




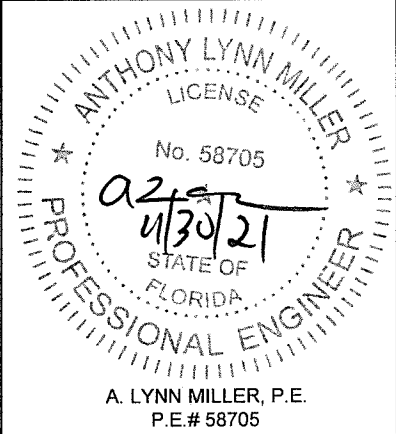
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Expiration Date 06/26/2023

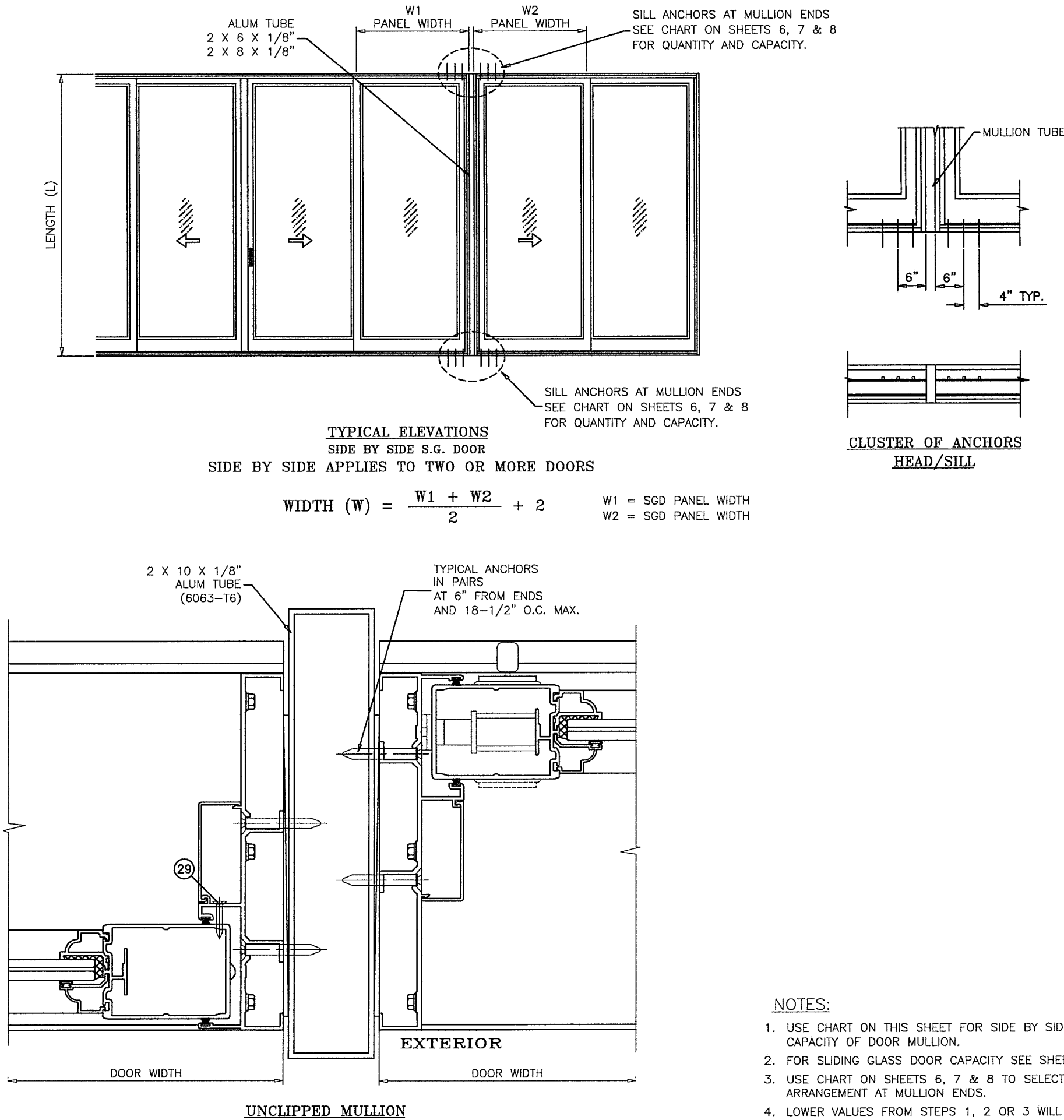
By Ishaq I. Lhank  
Miami-Dade Product Control

Revision:

 <b>Impact Resistant Windows &amp; Doors</b> <b>WERE STRONGER™</b>		CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		REGISTRATION #29296		06/10/2020		J ROSOWSKI	B												
						Date															
<b>Impact Resistant Windows &amp; Doors</b> <b>WERE STRONGER™</b>		CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		560SGDA ALUM. SLIDING GLASS DOOR, 3T (SMI)		INSTALLATION DETAILS, POCKET		By J ROSOWSKI	B												
										Sheet	3-TRACK, SMI	12 OF 16	DWG No.	560-3T-SM-NOA	Rev.						
Series	Desc.	Title																			



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	90	140.0
26-1/4		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	96	140.0
26-1/4		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	102	140.0
62-1/4		140.0
26-1/4		140.0
32-1/4		140.0
38-1/4		140.0
44-1/4		140.0
50-1/4	108	140.0
56-1/4		140.0
62-1/4		140.0
26-1/4		140.0
32-1/4		140.0
38-1/4		140.0
44-1/4	114	140.0
50-1/4		140.0
56-1/4		140.0
62-1/4		140.0
26-1/4		140.0
32-1/4	120	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



NOTES:

- USE CHART ON THIS SHEET FOR SIDE BY SIDE CONNECTION CAPACITY OF DOOR MULLION.
- FOR SLIDING GLASS DOOR CAPACITY SEE SHEET 4.
- USE CHART ON SHEETS 6, 7 & 8 TO SELECT ANCHOR ARRANGEMENT AT MULLION ENDS.
- LOWER VALUES FROM STEPS 1, 2 OR 3 WILL APPLY TO ENTIRE SYSTEM.

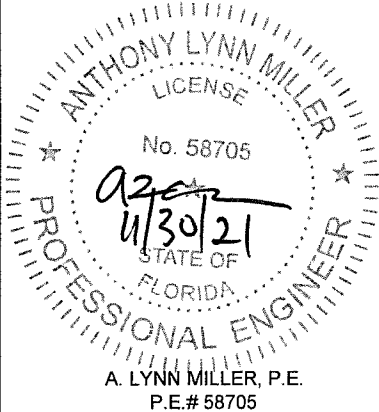
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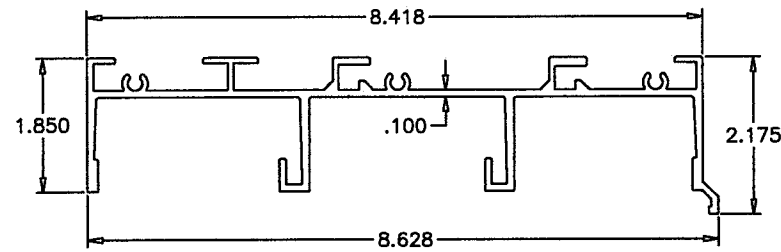
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By *Ishag I. Chank*  
Miami-Dade Product Control

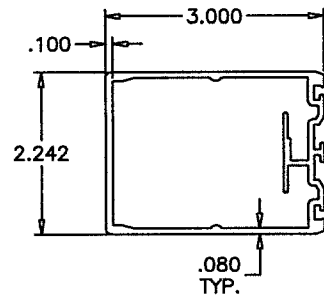
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PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	06/10/2020	By	J ROSOWSKI	Rev.	B
		Title		DP FOR MULLION		560-3T-SM-NOA	
		Series		SGD560A		13 OF 16	
		Desc.		3-TRACK, SMI		Sheet	
<b>Impact Resistant Windows &amp; Doors</b> <b>WE'RE STRONGER™</b> CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	560SGDA ALUM. SLIDING GLASS DOOR, 3T (SMI)	Config		3-TRACK, SMI		DWG No	
		Title		DP FOR MULLION		560-3T-SM-NOA	
		Series		SGD560A		13 OF 16	
		Desc.		3-TRACK, SMI		Sheet	

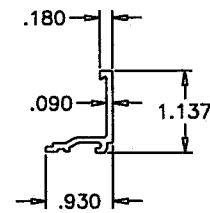




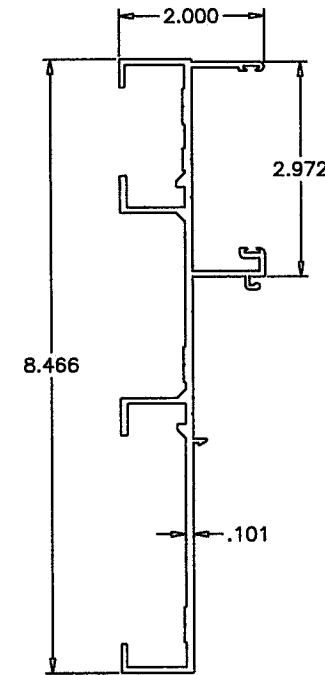
① FRAME HEAD



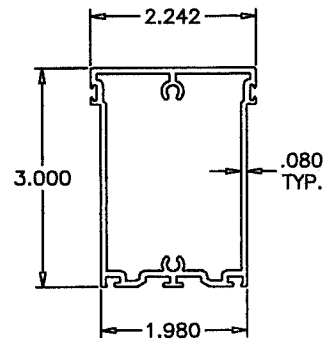
⑥ JAMB/LOCK STILE



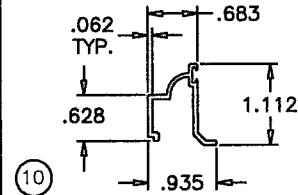
⑫ INSUL. GLASS ADAPTER



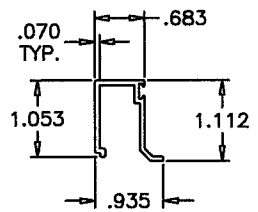
③ FRAME JAMB



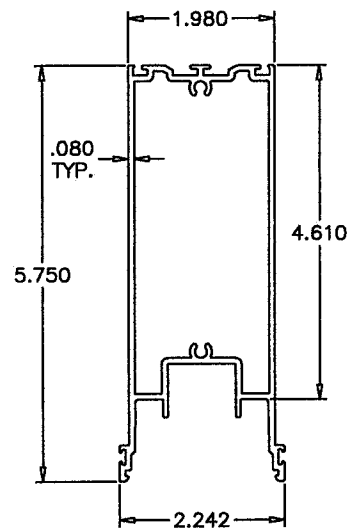
④ TOP RAIL



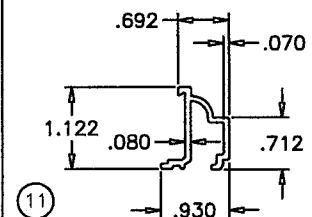
⑩ GLAZING BEADS



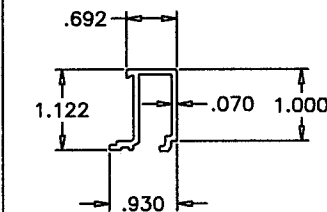
⑩A GLAZING BEADS



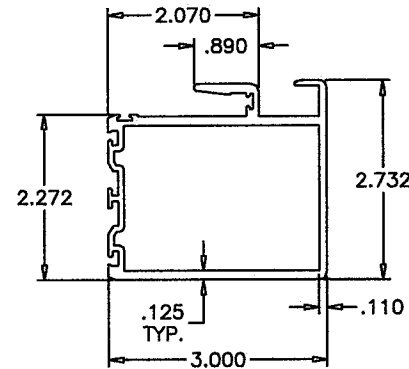
⑤ BOTTOM RAIL



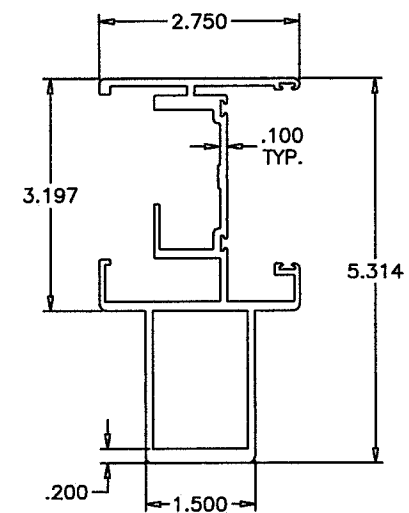
⑪



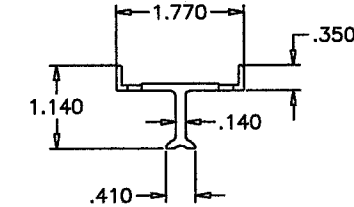
⑪A GLASS ADAPTERS



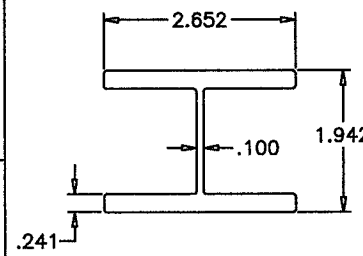
⑦ INTERLOCK STILE



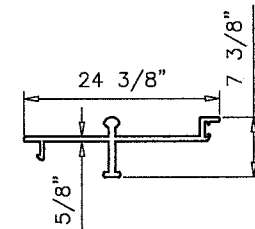
⑧ ASTRAGAL STILE



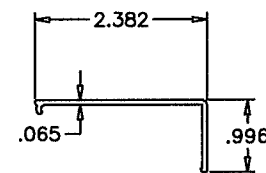
⑬ FIX. PANEL BASE



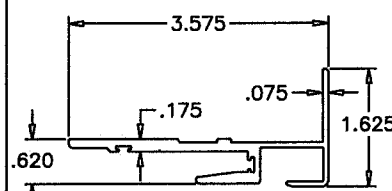
⑭ STILE REINFORCING



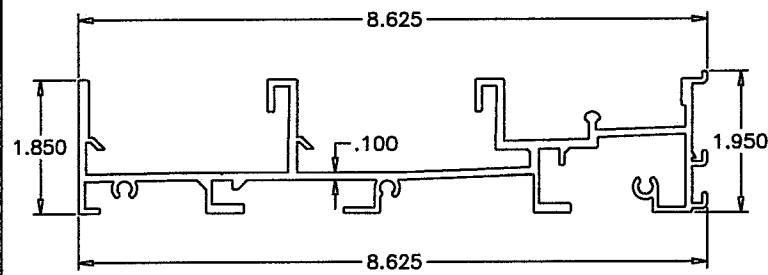
②A TRACK INSERT



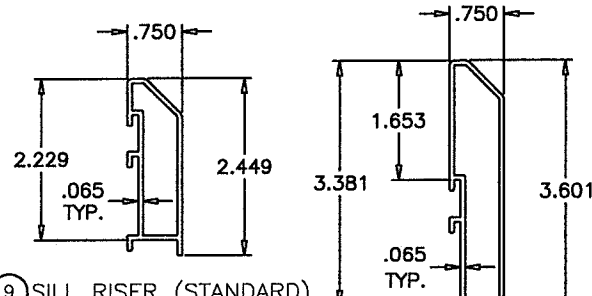
③A JAMB COVER



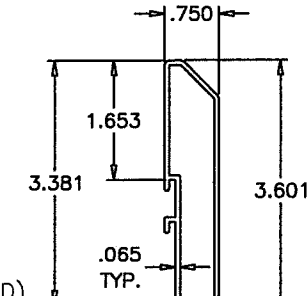
⑮ POCKET DOOR HOOK



② FRAME SILL



⑨ SILL RISER (STANDARD)

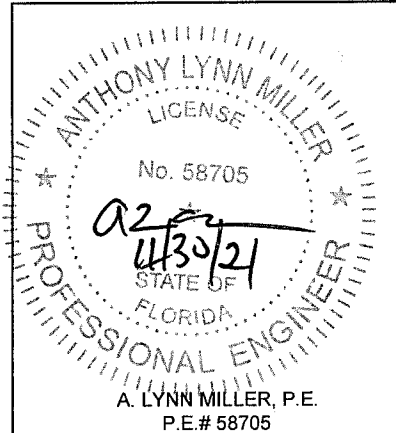


⑨A SILL RISER (HI-RISE)

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Expiration Date 06/26/2023  
By *Ishag I. Lhank*  
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	DWG No.	1560-3T-SM-NOA-B	Sheet	14 OF 16	Config	SGD560A	Series	Desc.	Title
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, 3T (SMI)	Date	06/10/2020	By	J. ROSOWSKI	DWG No.	1560-3T-SM-NOA-B	Sheet	14 OF 16	Config	SGD560A	Series	Desc.	Title
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, 3T (SMI)	Date	06/10/2020	By	J. ROSOWSKI	DWG No.	1560-3T-SM-NOA-B	Sheet	14 OF 16	Config	SGD560A	Series	Desc.	Title





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.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
NOA-No. 21-1208.07

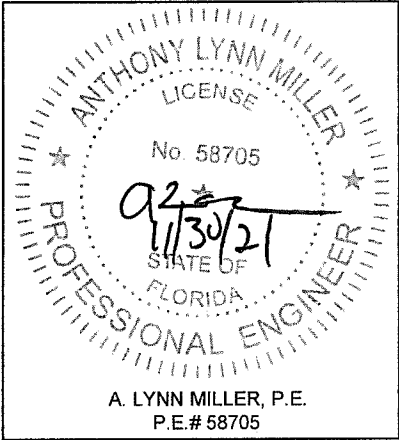
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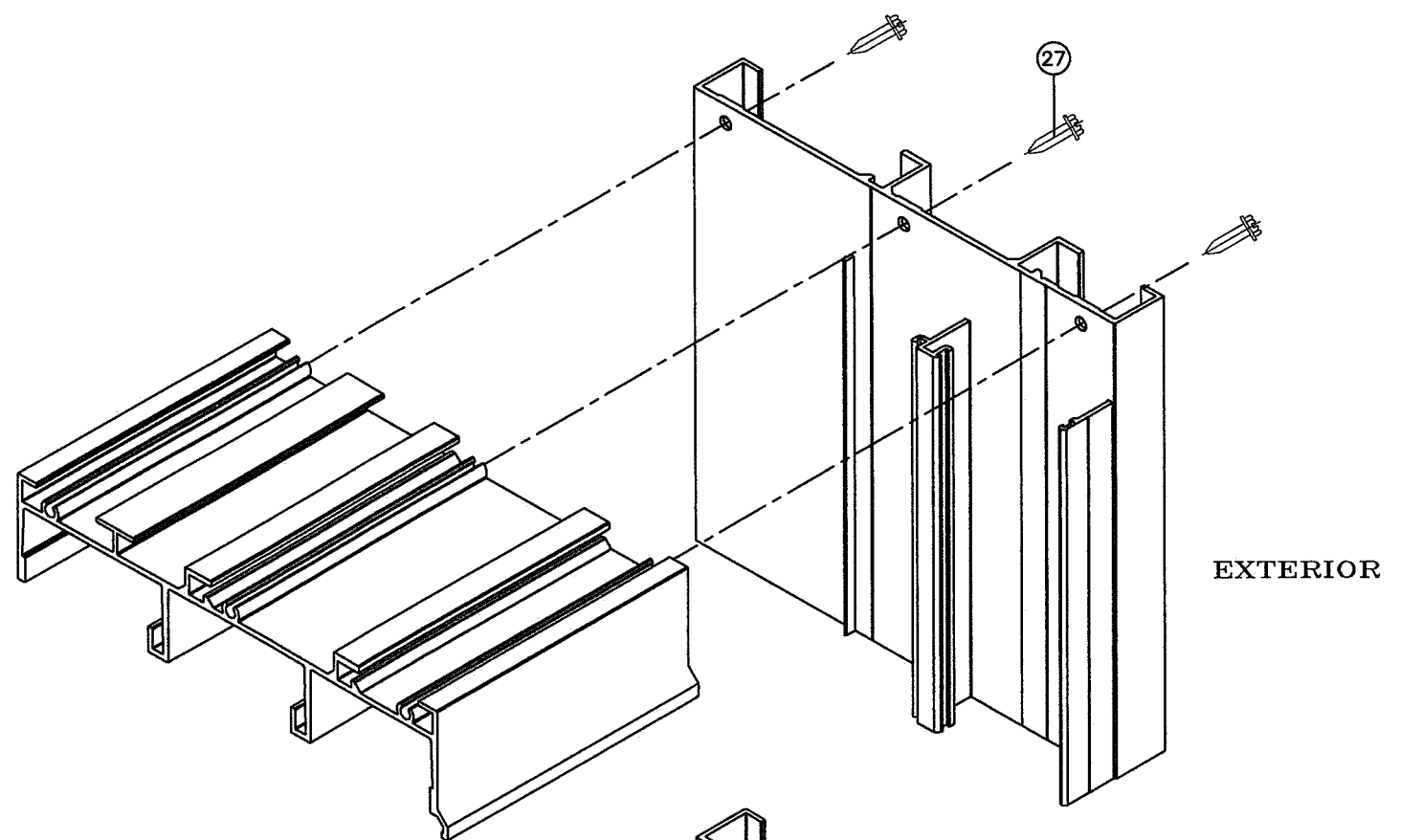
By Ishag I. Lhank  
Miami-Dade Product Control

Revision:	
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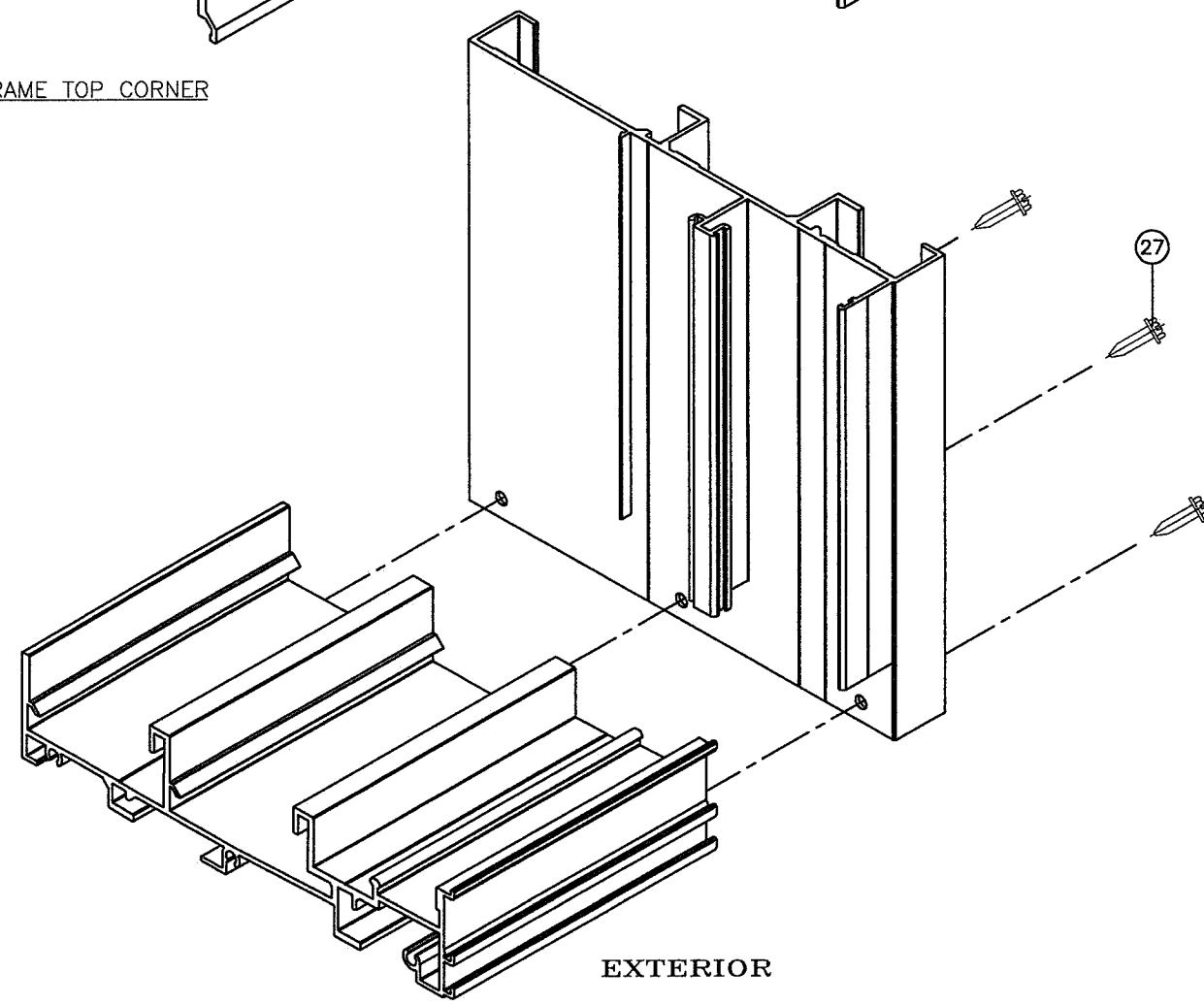
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	06/10/2020	J ROSOWSKI	Rev.	B
		By			No.	560-3T-SM-NOA
		Drawn			Sheet	15 OF 16
		Config			3-TRACK, SMI	
		Series			SGD560A	

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, 3T (SMI)	BILL OF MATERIALS	SGD560A

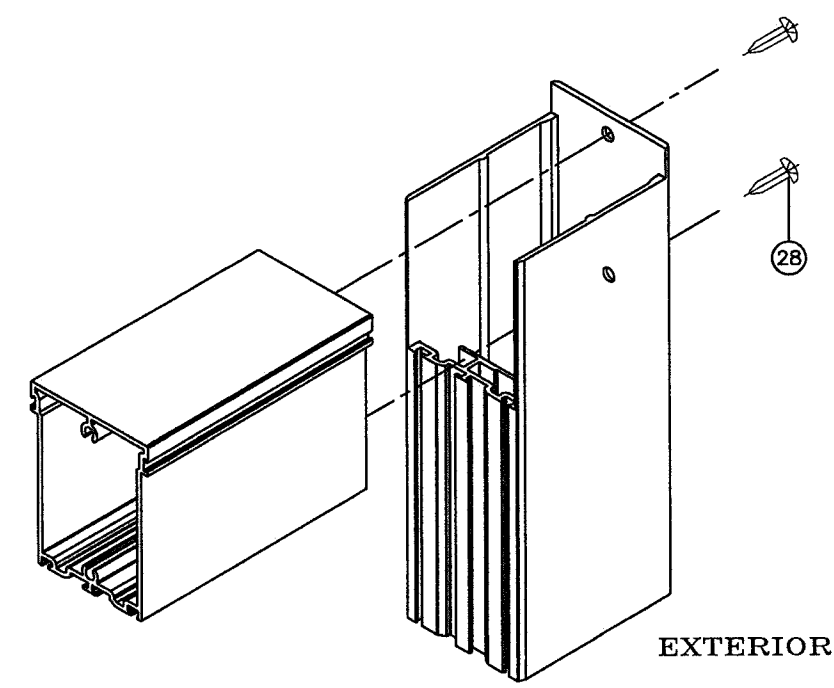




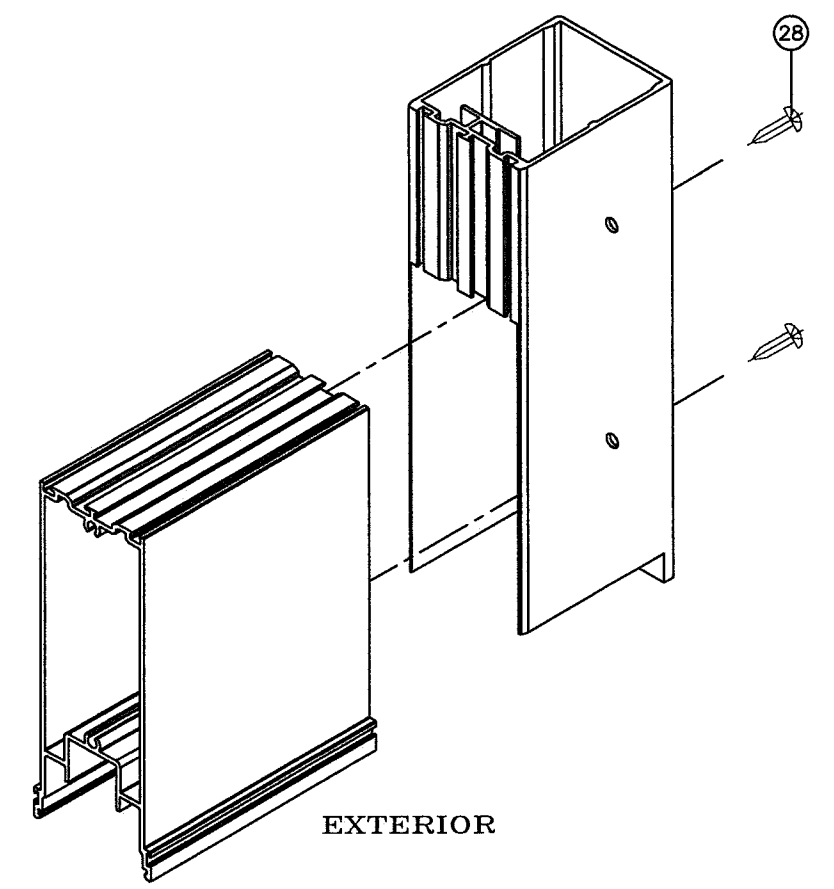
FRAME TOP CORNER



FRAME BOTTOM CORNER




PANEL TOP CORNER



PANEL BOTTOM CORNER

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 21-1208.07  
Expiration Date 06/26/2023  
By *Ishag I. Lhank*  
Miami-Dade Product Control

Revision:

 <b>Impact Resistant Windows &amp; Doors</b> <b>WE'RE STRONGER™</b>				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, 3T (SMI)		Date	06/10/2020		
Desc.		CORNER DETAILS		By	J ROSOWSKI		
Series		SGD560A		Drawn			
Config		3-TRACK, SMI		DWG No.	560-3T-SM-NOA		
Sheet		16 OF 16		Rev.	B		

