



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

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

APPROVAL DOCUMENT: Drawing No. **560-3T-LM-NOA Rev B**, titled Series "560 SGDA Alum. Sliding Glass Door, 3T(LMI)", sheets 1 through 17 of 17, prepared by manufacturer, dated 07/20/20 and last revised on 11/30/21, signed and sealed by Lynn A. 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 sheets **4 & 5**. See Exterior Positive DP Vs sill w/ sill Riser rating on sheet 6. See Head/sill anchor types, clusters, shim space Vs DP capacity in sheets **7, 8 & 9** and Jamb/ pocket Jamb anchor spacing on sheet **1**. See Pocket Jamb anchor capacity on sheet **13**. Lower capacity from the charts shall controls for the entire assembly.
3. See allowable Max. Frame area (ft²) & configurations 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 NOA # 20-0729.02** 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. 21-1208.06
Expiration Date: June 12, 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. **W09-58**, titled "Series 560 Alum Sliding Glass Door – LMI", 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 "D" dated 12/23/15, signed and sealed by Javad Ahmad, P. E.

B. TESTS (Submitted under #09-1209.07/#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 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 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 (Submitted under NOA #15-0413.05)

1. Anchor verification calculations and structural analysis, complying with **FBC-2014, 5th edition**, dated 03/20/15 & 12/09/15, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-02 & -04.

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

1. Statement letter of no financial interest, conformance and compliance with the **FBC-2014, 5th edition**, dated 03/20/15, signed and sealed by Javad Ahmad, P. E.
2. Statement letter of lab compliance, part of the above test reports.
3. One-year extension request letter issued by CGI Windows and Doors, Inc., dated 05/30/17, signed by Robert Beaird, P.E.

G. OTHER

1. This NOA **revises #15-0413.05**, expiring 06/12/2017.
2. Test proposal # **07-3001-R** dated 10-23-07, approved by BCCO and Test Proposal No. **16-1527** dated 12/22/16, approved by RER.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-1208.06
Expiration Date: June 12, 2023
Approval Date: January 06, 2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W09-58**, titled “Series 560 Alum Sliding Glass Door – LMI”, sheets 1 through 13 of 13, including sheets 2.1, 3.1, 6.1 and 9.1, dated 11/10/09, prepared by Al-Farooq Corporation, with latest revision “G” dated 04/24/18, signed and sealed by Javad Ahmad, P. E.

B. TESTS (submitted under # 17-1226.01)

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) 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 Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9547**, dated 06/19/17, signed and sealed by Idalmis Ortega, P. E.

C. CALCULATIONS (Submitted under previous NOA No. 17-1226.01)

1. Anchor verification calculations and structural analysis, complying with **FBC-2017, 6th edition**, dated 12/11/17, 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. **17-0808.02** issued to Kuraray America, Inc. for their “**SentryGlas (Clear and White) Glass Interlayers**” dated 12/28/17, expiring on 07/04/2023.

F. STATEMENTS

1. Statement letter of no financial interest, conformance and compliance with the **FBC-2017, 6th edition**, dated 11/15/17, signed and sealed by Javad Ahmad, P. E.

G. OTHER

1. This NOA **revises and renews** NOA # **17-0307.07**, expiring on 06/12/23.

3. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W09-58 Rev H**, 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 11/10/09 and last revised on AUG 22, 2019, signed and sealed by Javad Ahmad, P. E. *Ishaq I. Chanda*

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-1208.06
Expiration Date: June 12, 2023
Approval Date: January 06, 2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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.

2. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Water Resistance Test, per FBC, TAS 202-94
 - 3) Uniform Static Air Pressure Test, Loading 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 marked-up drawings and installation diagram of an aluminum 3-Tracks (6-panels) Alum SGD W/pockets, prepared by Fenestration Testing Lab, Inc., Test Reports No. **FTL-9547** dated 07/05/17, signed and sealed by Idalmis Ortega, P.E.

along with marked-up drawings and installation diagram of an aluminum 3-Tracks (6-panels) Alum SGD W/pockets, prepared by HTL, Inc., Test Reports No. **HTL-0080-0707-09** dated 11/10/14, signed and sealed by Vinu J. Abraham, P.E

C. CALCULATIONS (submitted under #17-1226.01)

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. **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 07/04/2023.

F. STATEMENTS

1. Statement letter of conformance to **FBC 6th Edition (2017)**, and of no financial interest, dated 08/22/19, 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 # **17-1226.01**, 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. 21-1208.06
Expiration Date: June 12, 2023
Approval Date: January 06, 2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **560-3T-LM-NOA Rev A** (former **W09-58 Rev H**), titled Series “560 Aluminum Sliding Glass Door (LMI)”, sheets 1 through 17 of 17, prepared by manufacturer, dated 07/20/20, signed and sealed by Lynn A. Miller, P. E.

B. TESTS

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

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

CGI Windows and Doors Inc. test specimens:

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

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. 21-1208.06
Expiration Date: June 12, 2023
Approval Date: January 06, 2022

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 #18-1108.05**, 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.

5. New Evidence submitted

A. DRAWINGS

1. Drawing No. **560-3T-LM-NOA Rev B**, titled Series “560 SGDA Alum. Sliding Glass Door, 3T(LMI)”, sheets 1 through 17 of 17, prepared by manufacturer, dated 07/20/20 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 # 20-0729.02)

1. Anchor verification calculations & structural analysis, complying with **FBC 7th 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. As listed on sheet E-5.

F. STATEMENTS

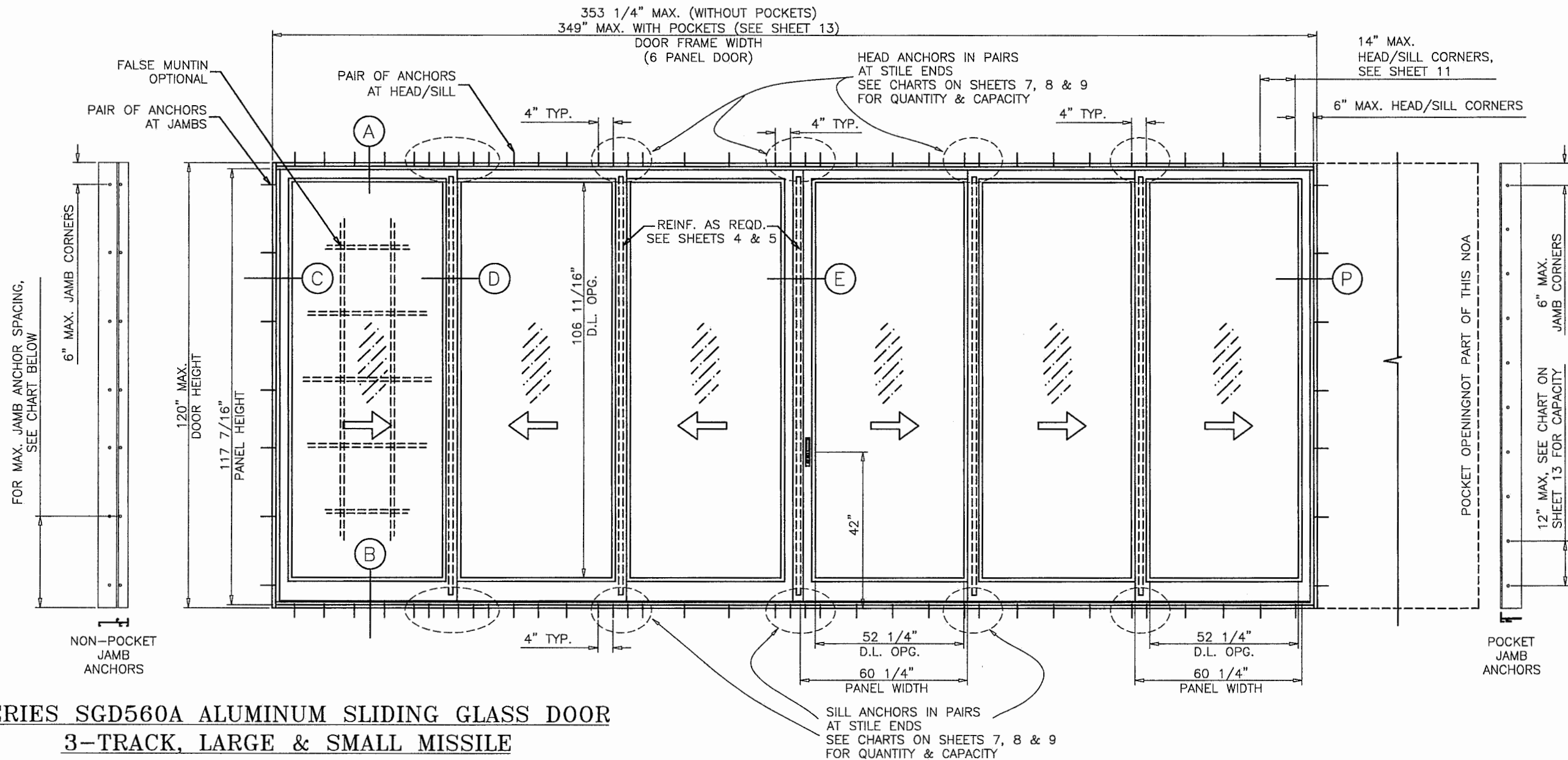
1. Statement letters of conformance to FBC 2020(7th Edition), dated 12/15/21, prepared, signed & sealed by Lynn Miller, P. E.

G. OTHER

1. This NOA revises **NOA # 20-0729.02**, expiring 06/12/2023.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-1208.06
Expiration Date: June 12, 2023
Approval Date: January 06, 2022



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

1) THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 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 SHEETS 4 & 5 FOR THE GLASS TYPE AND REINFORCING TO USE.
- STEP 3** USING CHARTS ON SHEETS 7, 8 & 9 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 4** (IF REQUIRED) FOR SIDE BY SIDE DOORS WITH VERTICAL MULLION SELECT 2X6 OR 2X8 TUBE FROM CHART ON SHEET 14 WITH LOAD RATING HIGHER THAN REQUIRED. SELECT ANCHORS AS PER STEP 3.
- STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

| MAX. JAMB ANCHOR SPACINGS (NON-POCKET) | | | | |
|--|-------------|---------|-----------|-------------|
| SHIM SPACE | ANCHOR TYPE | | | |
| | 'A' & 'B' | 'C' | 'D' & 'E' | 'AA' & 'BB' |
| 1/4" | 18-1/2" | 18-1/2" | 18-1/2" | 18-1/2" |
| 3/8" | 18-1/2" | - | 18-1/2" | 18-1/2" |
| 1/2" | 9-1/4" | - | 9-1/4" | 18-1/2" |

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

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

LAMINATED GLASS AND
LAMINATED INSULATING GLASS
LARGE/SMALL MISSILE IMPACT

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 21-1208.06

Expiration Date 06/12/2023

By Ishag I. Chande
Miami-Dade Product Control

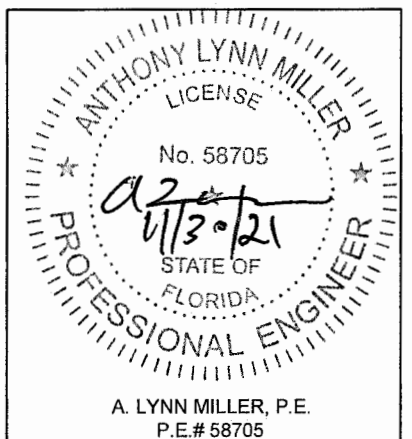
Revised: CORRECTED HEADINGS &
DESIGN PRESSURE VALUES
IN TABLES. - JR - 11/30/21

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

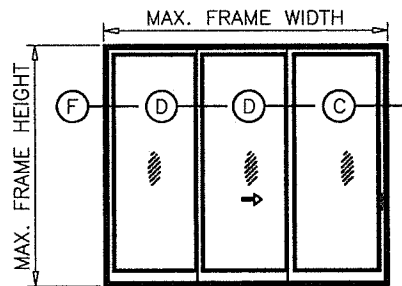
REGISTRATION #29296

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

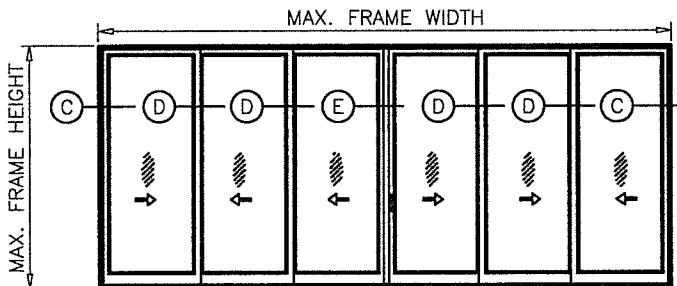
| Rev. | Date | By | DWG No. | Sheet | Config. | Series |
|--|------------|------------|---------------|---------|--------------|---------|
| B | 06/10/2020 | J ROSOWSKI | 560-3T-LM-NOA | 1 OF 17 | 3-TRACK, LMI | SGD560A |
| ELEVATION AND GENERAL NOTES | | | | | | |
| 560SGDA ALUM. SLIDING GLASS DOOR,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



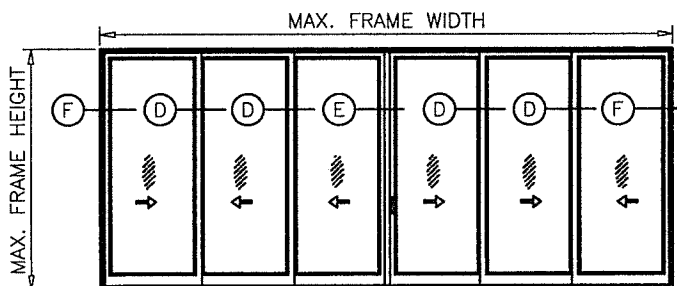
APPROVED CONFIGURATIONS
NON-POCKETED DOORS



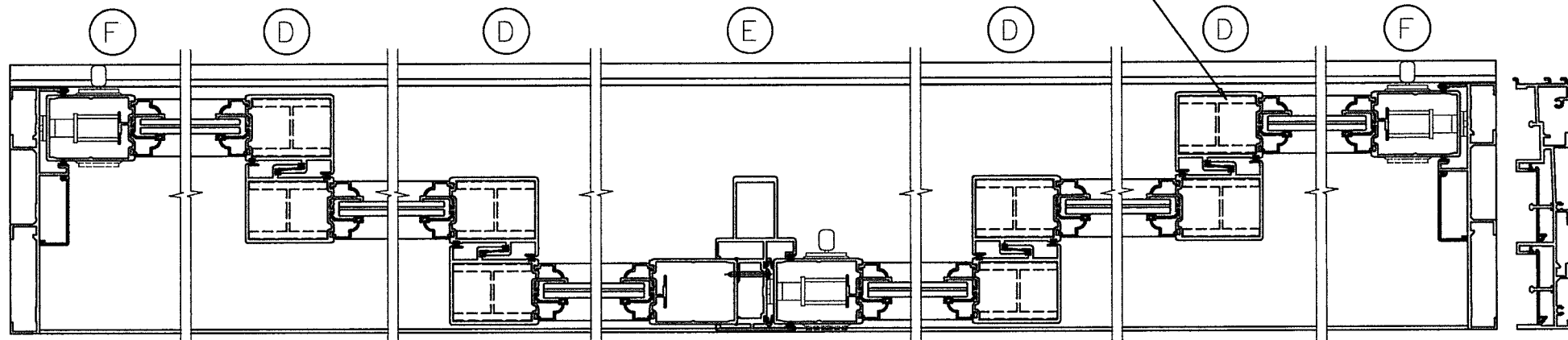
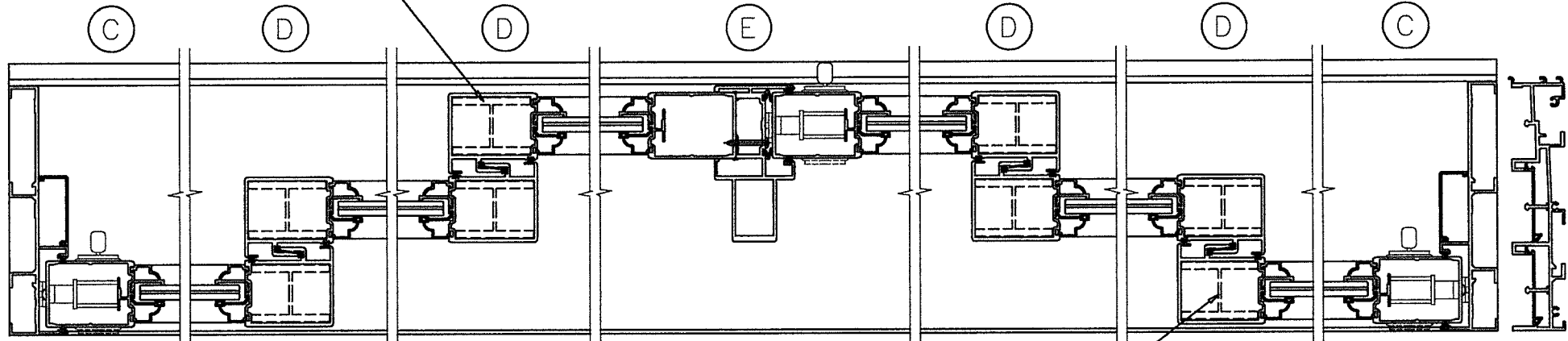
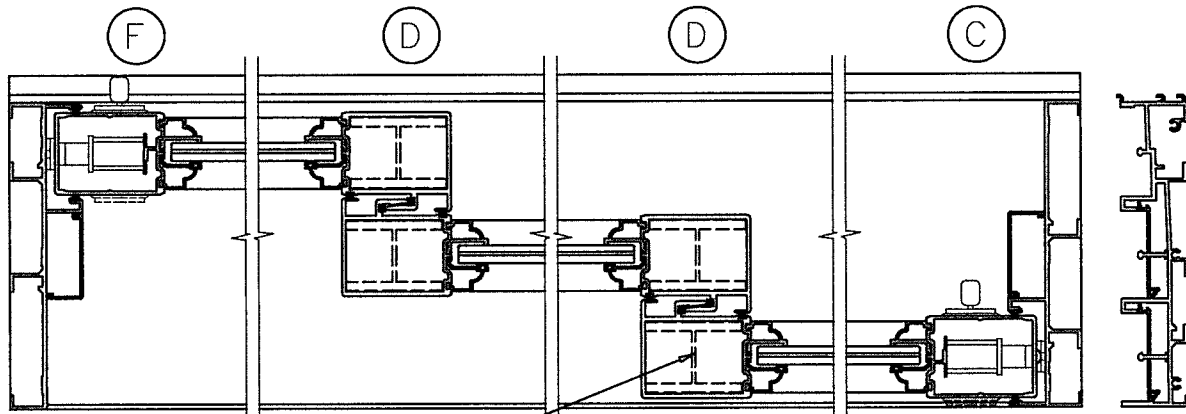
XXX (SHOWN)
OXX
XXO



XXXXXX (SHOWN)
OXXXXO



XXXXXX (SHOWN)
OXXXXO



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. 21-1208.06

Expiration Date 06/12/2023

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

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 (LMI)

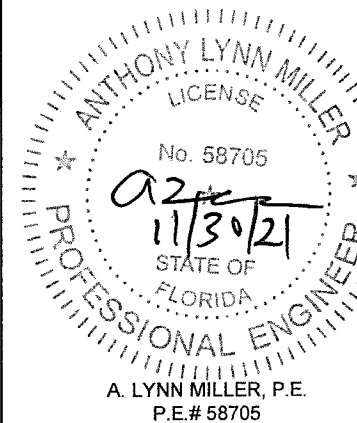
3-TRACK, LMI

2 OF 17

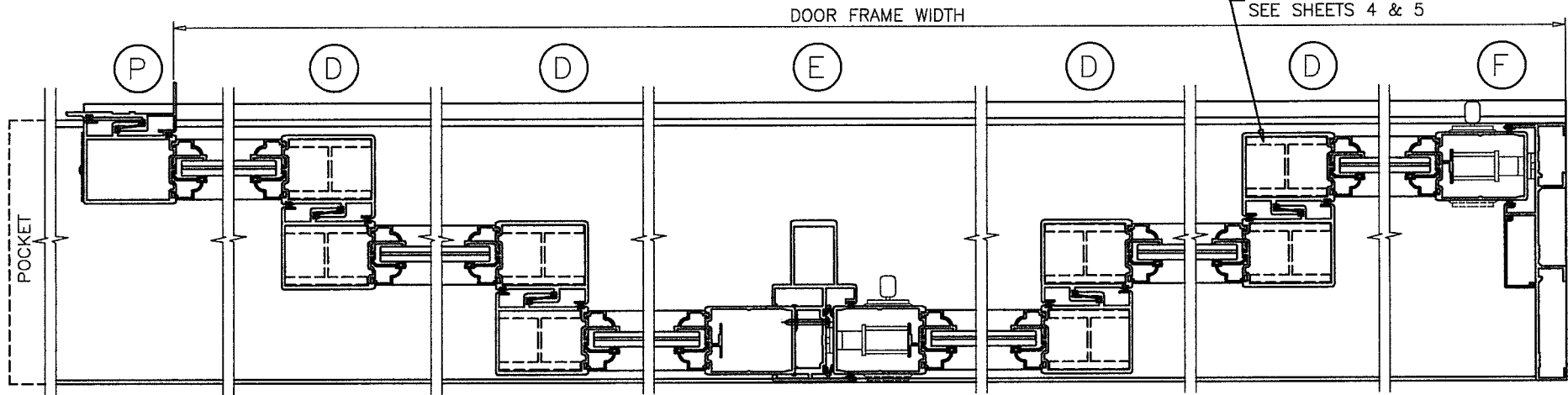
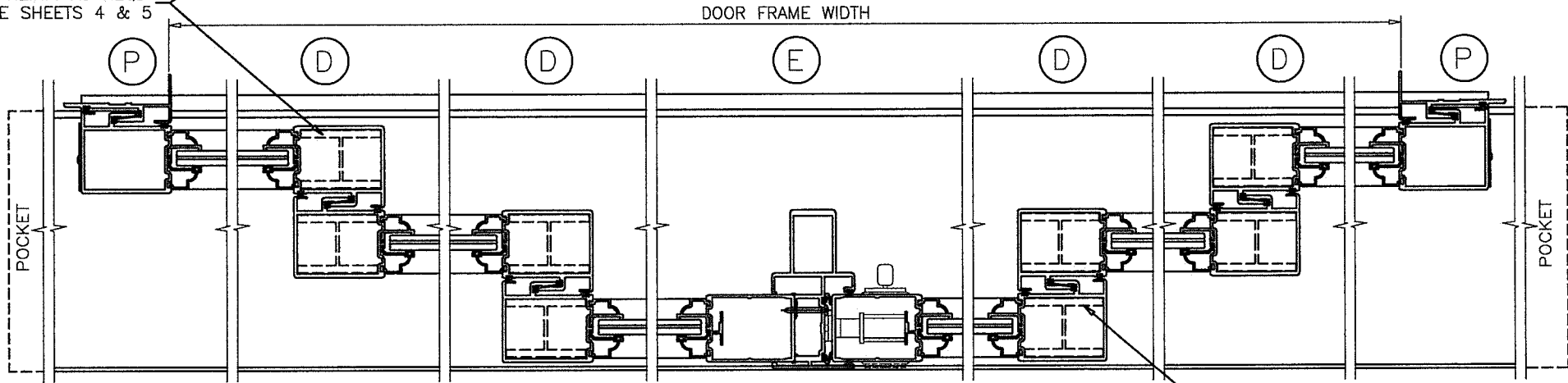
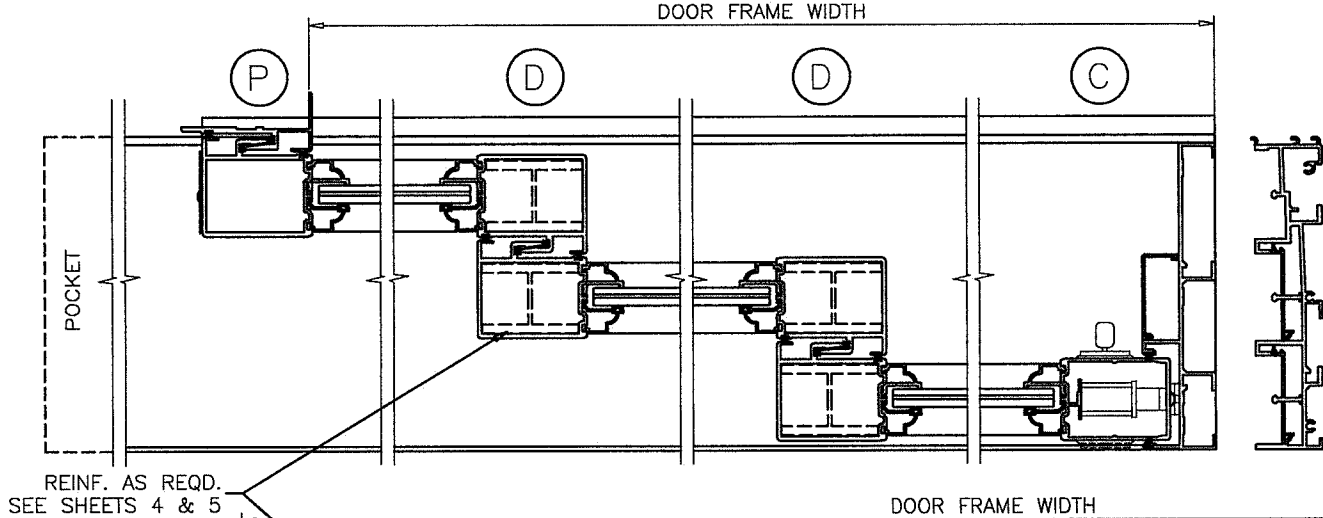
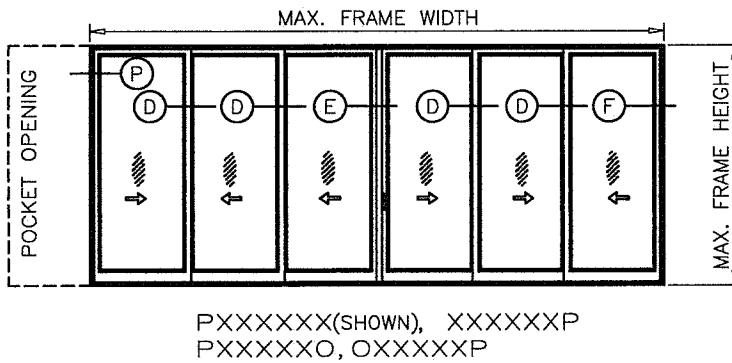
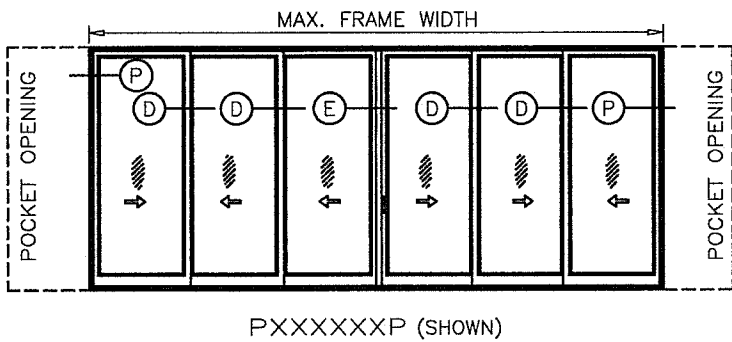
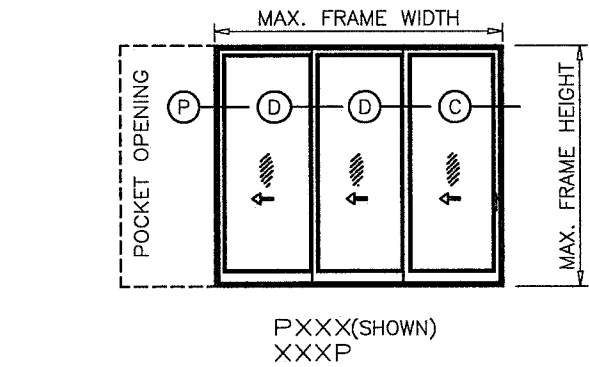
Sheet

SGD560A

Series



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 UP 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. 21-1208.06

Expiration Date 06/12/2023

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

Rev. B

No. 560-3T-LM-NOA

3 OF 17

Sheet

Config

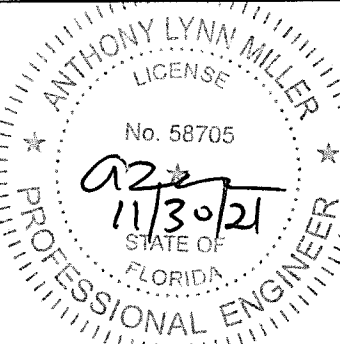
Series

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 (LMI)

X-SECTIONS - POCKETED

SGD560A



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

| DESIGN LOAD CAPACITY - PSF (GLASS) | | | | | |
|------------------------------------|----------------------------|------------------------------|---------|------------------|---------|
| PANEL WIDTH (INCHES) | DOOR HEIGHT (INCHES) | GLASS TYPES 1, 1A, 2 & 2A | | GLASS TYPE 2A | |
| | | W/O REINF. | | WITH REINF. | |
| | | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) |
| 24-1/4 | 80 | 120.0 | 130.5 | 120.0 | 170.0 |
| 30-1/4 | | 109.3 | 109.3 | 120.0 | 170.0 |
| 33-1/4 | | 101.6 | 101.6 | 120.0 | 170.0 |
| 36-1/4 | | 93.2 | 93.2 | 120.0 | 170.0 |
| 39-1/4 | | 86.1 | 86.1 | 120.0 | 170.0 |
| 42-1/4 | | 79.9 | 79.9 | 120.0 | 159.9 |
| 44-1/4 | | 76.3 | 76.3 | 120.0 | 152.7 |
| 46-1/4 | | 73.0 | 73.0 | 120.0 | 146.1 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |
| 50-1/4 | | 67.2 | 67.2 | 115.2 | 134.4 |
| 52-1/4 | | 64.6 | 64.6 | 110.8 | 129.3 |
| 54-1/4 | | 62.3 | 62.3 | 106.7 | 124.5 |
| 56-1/4 | 84 | 60.0 | 60.0 | 102.9 | 120.1 |
| 58-1/4 | | 58.0 | 58.0 | 99.4 | 116.0 |
| 60-1/4 | | 56.1 | 56.1 | 96.1 | 112.1 |
| 24-1/4 | | 120.0 | 130.0 | 120.0 | 170.0 |
| 30-1/4 | | 108.8 | 108.8 | 120.0 | 170.0 |
| 33-1/4 | | 101.2 | 101.2 | 120.0 | 170.0 |
| 36-1/4 | | 93.2 | 93.2 | 120.0 | 170.0 |
| 39-1/4 | | 86.1 | 86.1 | 120.0 | 170.0 |
| 42-1/4 | | 79.9 | 79.9 | 120.0 | 159.9 |
| 44-1/4 | | 76.3 | 76.3 | 120.0 | 152.7 |
| 46-1/4 | | 73.0 | 73.0 | 120.0 | 146.1 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |
| 50-1/4 | 90 | 67.2 | 67.2 | 115.2 | 134.4 |
| 52-1/4 | | 64.6 | 64.6 | 110.8 | 129.3 |
| 54-1/4 | | 62.3 | 62.3 | 106.7 | 124.5 |
| 56-1/4 | | 60.0 | 60.0 | 102.9 | 120.1 |
| 58-1/4 | | 58.0 | 58.0 | 99.4 | 116.0 |
| 60-1/4 | | 56.1 | 56.1 | 96.1 | 112.1 |
| 24-1/4 | | 120.0 | 128.6 | 120.0 | 170.0 |
| 30-1/4 | | 107.2 | 107.2 | 120.0 | 170.0 |
| 33-1/4 | | 99.5 | 99.5 | 120.0 | 170.0 |
| 36-1/4 | | 93.2 | 93.2 | 120.0 | 170.0 |
| 39-1/4 | | 86.1 | 86.1 | 120.0 | 170.0 |
| 42-1/4 | | 79.9 | 79.9 | 120.0 | 159.9 |
| 44-1/4 | 96 | 76.3 | 76.3 | 120.0 | 152.7 |
| 46-1/4 | | 73.0 | 73.0 | 120.0 | 146.1 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |
| 50-1/4 | | 67.2 | 67.2 | 115.2 | 134.4 |
| 52-1/4 | | 64.6 | 64.6 | 110.8 | 129.3 |
| 54-1/4 | | 62.3 | 62.3 | 106.7 | 124.5 |
| 56-1/4 | | 60.0 | 60.0 | 102.9 | 120.1 |
| 58-1/4 | | 58.0 | 58.0 | 99.4 | 116.0 |
| 60-1/4 | | 56.1 | 56.1 | 96.1 | 112.1 |
| 24-1/4 | | 120.0 | 127.4 | 120.0 | 170.0 |
| 30-1/4 | | 105.9 | 105.9 | 120.0 | 170.0 |
| 33-1/4 | | 98.9 | 98.9 | 120.0 | 170.0 |
| 36-1/4 | | 91.8 | 91.8 | 120.0 | 170.0 |
| 39-1/4 | | 86.1 | 86.1 | 120.0 | 170.0 |
| 42-1/4 | | 79.9 | 79.9 | 120.0 | 159.9 |
| 44-1/4 | | 76.3 | 76.3 | 120.0 | 152.7 |
| 46-1/4 | | 73.0 | 73.0 | 120.0 | 146.1 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |
| 50-1/4 | | 67.2 | 67.2 | 115.2 | 134.4 |
| 52-1/4 | | 64.6 | 64.6 | 110.8 | 129.3 |
| 54-1/4 | | 62.3 | 62.3 | 106.7 | 124.5 |
| 56-1/4 | | 60.0 | 60.0 | 102.9 | 120.1 |
| 58-1/4 | | 58.0 | 58.0 | 99.4 | 116.0 |
| 60-1/4 | | 56.1 | 56.1 | 96.1 | 112.1 |

| DESIGN LOAD CAPACITY - PSF (GLASS) | | | | | |
|------------------------------------|----------------------------|------------------------------|---------|------------------|---------|
| PANEL WIDTH (INCHES) | DOOR HEIGHT (INCHES) | GLASS TYPES 1, 1A, 2 & 2A | | GLASS TYPE 2A | |
| | | W/O REINF. | | WITH REINF. | |
| | | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) |
| 24-1/4 | 99 | 80.0 | 80.0 | 120.0 | 140.0 |
| 30-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 33-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 36-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 39-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 42-1/4 | | 79.9 | 79.9 | 120.0 | 140.0 |
| 44-1/4 | | 76.3 | 76.3 | 120.0 | 140.0 |
| 46-1/4 | | 73.0 | 73.0 | 120.0 | 140.0 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |
| 50-1/4 | | 67.2 | 67.2 | 115.2 | 134.4 |
| 52-1/4 | | 64.6 | 64.6 | 110.8 | 129.3 |
| 54-1/4 | | 62.3 | 62.3 | 106.7 | 124.5 |
| 56-1/4 | 102 | 60.0 | 60.0 | 102.9 | 120.1 |
| 58-1/4 | | 58.0 | 58.0 | 99.4 | 116.0 |
| 24-1/4 | | 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 | 79.9 | 120.0 | 140.0 |
| 44-1/4 | | 80.0 | 76.3 | 120.0 | 140.0 |
| 46-1/4 | | 73.0 | 73.0 | 120.0 | 140.0 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |
| 50-1/4 | 105 | 67.2 | 67.2 | 115.2 | 134.4 |
| 52-1/4 | | 64.6 | 64.6 | 110.8 | 129.3 |
| 54-1/4 | | 62.3 | 62.3 | 106.7 | 124.5 |
| 56-1/4 | | 60.0 | 60.0 | 102.9 | 120.1 |
| 24-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 30-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 33-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 36-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 39-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 42-1/4 | | 79.9 | 79.9 | 120.0 | 140.0 |
| 44-1/4 | | 76.3 | 76.3 | 120.0 | 140.0 |
| 46-1/4 | 108 | 73.0 | 73.0 | 120.0 | 140.0 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |
| 50-1/4 | | 67.2 | 67.2 | 115.2 | 134.4 |
| 52-1/4 | | 64.6 | 64.6 | 110.8 | 129.3 |
| 54-1/4 | | 62.3 | 62.3 | 106.7 | 124.5 |
| 24-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 30-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 33-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 36-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 39-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 42-1/4 | | 79.4 | 79.4 | 120.0 | 140.0 |
| 44-1/4 | | 76.3 | 76.3 | 120.0 | 140.0 |
| 46-1/4 | | 73.0 | 73.0 | 120.0 | 140.0 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |
| 50-1/4 | | 67.2 | 67.2 | 115.2 | 134.4 |
| 52-1/4 | | 64.6 | 64.6 | 110.8 | 129.3 |

| DESIGN LOAD CAPACITY - PSF (GLASS) | | | | | |
|------------------------------------|----------------------------|------------------------------|---------|------------------|---------|
| PANEL WIDTH (INCHES) | DOOR HEIGHT (INCHES) | GLASS TYPES 1, 1A, 2 & 2A | | GLASS TYPE 2A | |
| | | W/O REINF. | | WITH REINF. | |
| | | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) |
| 24-1/4 | 111 | 80.0 | 80.0 | 120.0 | 140.0 |
| 30-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 33-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 36-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 39-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 42-1/4 | | 78.9 | 78.9 | 120.0 | 140.0 |
| 44-1/4 | | 76.2 | 76.2 | 120.0 | 140.0 |
| 46-1/4 | | 73.0 | 73.0 | 120.0 | 140.0 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |
| 50-1/4 | | 67.2 | 67.2 | 115.2 | 134.4 |
| 24-1/4 | 114 | 80.0 | 80.0 | 120.0 | 140.0 |
| 30-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 33-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 36-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 39-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 42-1/4 | | 78.4 | 78.4 | 120.0 | 140.0 |
| 44-1/4 | | 75.7 | 75.7 | 120.0 | 140.0 |
| 46-1/4 | | 73.0 | 73.0 | 120.0 | 140.0 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |
| 50-1/4 | | 67.2 | 67.2 | 115.2 | 134.4 |
| 24-1/4 | 117 | 80.0 | 80.0 | 120.0 | 140.0 |
| 30-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 33-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 36-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 39-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 42-1/4 | | 77.9 | 77.9 | 120.0 | 140.0 |
| 44-1/4 | | 75.2 | 75.2 | 120.0 | 140.0 |
| 46-1/4 | | 72.7 | 72.7 | 120.0 | 140.0 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |
| 24-1/4 | 120 | 80.0 | 80.0 | 120.0 | 140.0 |
| 30-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 33-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 36-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 39-1/4 | | 80.0 | 80.0 | 120.0 | 140.0 |
| 42-1/4 | | 77.5 | 77.5 | 120.0 | 140.0 |
| 44-1/4 | | 74.8 | 74.8 | 120.0 | 140.0 |
| 46-1/4 | | 72.3 | 72.3 | 120.0 | 140.0 |
| 48-1/4 | | 70.0 | 70.0 | 120.0 | 140.0 |

GLASS CAPACITY CHARTS

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

W/ REINFORCEMENTS: GLASS TYPE 2A

(SEE GLASS DETAILS IN SHEET 6)

NOTES:

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

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

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

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

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

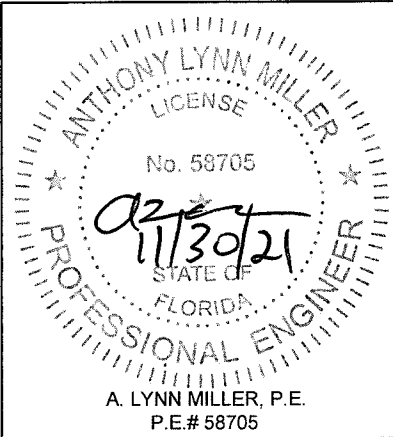
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1208.06

Expiration Date 06/12/2023

By Ismael L. Chanok
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. | 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 (LMI) | | DP FOR GLASS TYPES 1, 1A, 2 & 2A | | DWG | 560-3T-LM-NOA |
| | | | | | | | | Sheet | 4 OF 17 |
| | | | | | | | | Config | 3-TRACK, LMI |
| | | | | | | | | Series | SGD560A |



| DESIGN LOAD CAPACITY - PSF (GLASS) | | | | | |
|------------------------------------|----------------------------|-------------------|---------|---------------------|---------|
| PANEL WIDTH (INCHES) | DOOR HEIGHT (INCHES) | GLASS TYPE '2' | | GLASS TYPE '2.1' | |
| | | WITH REINF. | INT.(-) | WITH REINF. | INT.(-) |
| 24-1/4 | 80 | 120.0 | 170.0 | 120.0 | 170.0 |
| 30-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 33-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 36-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 39-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 42-1/4 | | 120.0 | 159.9 | 120.0 | 159.9 |
| 44-1/4 | | 120.0 | 152.7 | 120.0 | 152.7 |
| 46-1/4 | | 120.0 | 146.1 | 120.0 | 146.1 |
| 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 | 105.0 | 120.1 |
| 58-1/4 | | 105.0 | 116.0 | 105.0 | 116.0 |
| 60-1/4 | | 105.0 | 112.1 | 105.0 | 112.1 |
| 24-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 30-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 33-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 36-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 39-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 42-1/4 | | 120.0 | 159.9 | 120.0 | 159.9 |
| 44-1/4 | | 120.0 | 152.7 | 120.0 | 152.7 |
| 46-1/4 | | 120.0 | 146.1 | 120.0 | 146.1 |
| 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 | 105.0 | 120.1 |
| 58-1/4 | | 105.0 | 116.0 | 105.0 | 116.0 |
| 60-1/4 | | 105.0 | 112.1 | 105.0 | 112.1 |
| 24-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 30-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 33-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 36-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 39-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 42-1/4 | | 120.0 | 159.9 | 120.0 | 159.9 |
| 44-1/4 | 96 | 120.0 | 152.7 | 120.0 | 152.7 |
| 46-1/4 | | 120.0 | 146.1 | 120.0 | 146.1 |
| 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 | 105.0 | 120.1 |
| 58-1/4 | | 105.0 | 116.0 | 105.0 | 116.0 |
| 60-1/4 | | 105.0 | 112.1 | 105.0 | 112.1 |
| 24-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 30-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |
| 33-1/4 | | 120.0 | 170.0 | 120.0 | 170.0 |

| DESIGN LOAD CAPACITY - PSF (GLASS) | | | | | |
|------------------------------------|----------------------------|-------------------|---------|---------------------|---------|
| PANEL WIDTH (INCHES) | DOOR HEIGHT (INCHES) | GLASS TYPE '2' | | GLASS TYPE '2.1' | |
| | | WITH REINF. | INT.(-) | WITH REINF. | 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 | 105.0 | 120.1 |
| 58-1/4 | | 105.0 | 116.0 | 105.0 | 116.0 |
| 60-1/4 | | 105.0 | 105.0 | 105.0 | 105.0 |
| 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 | | 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 | 105.0 | 120.1 |
| 58-1/4 | | 105.0 | 105.0 | 105.0 | 105.0 |
| 60-1/4 | | 105.0 | 105.0 | 105.0 | 105.0 |
| 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 | 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 | 105.0 | 105.0 | 105.0 |
| 58-1/4 | | 105.0 | 105.0 | 105.0 | 105.0 |
| 60-1/4 | | 105.0 | 105.0 | 105.0 | 105.0 |
| 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 |

| DESIGN LOAD CAPACITY - PSF (GLASS) | | | | | |
|------------------------------------|----------------------------|-------------------|---------|---------------------|---------|
| PANEL WIDTH (INCHES) | DOOR HEIGHT (INCHES) | GLASS TYPE '2' | | GLASS TYPE '2.1' | |
| | | WITH REINF. | INT.(-) | WITH REINF. | 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 | 105.0 | 105.0 |
| 54-1/4 | | 105.0 | 105.0 | 105.0 | 105.0 |
| 56-1/4 | 114 | 105.0 | 105.0 | 105.0 | 105.0 |
| 58-1/4 | | 105.0 | 105.0 | 104.0 | 104.0 |
| 60-1/4 | | 105.0 | 105.0 | 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 | | 120.0 | 140.0 | 120.0 | 140.0 |
| 50-1/4 | 117 | 115.2 | 134.4 | 115.2 | 134.4 |
| 52-1/4 | | 105.0 | 105.0 | 105.0 | 105.0 |
| 54-1/4 | | 105.0 | 105.0 | 105.0 | 105.0 |
| 56-1/4 | | 105.0 | 105.0 | 104.0 | 104.0 |
| 58-1/4 | | 105.0 | 105.0 | 101.0 | 101.0 |
| 60-1/4 | | 105.0 | 105.0 | 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 | | 120.0 | 140.0 | 120.0 | 140.0 |
| 44-1/4 | 120 | 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 | | 105.0 | 105.0 | 105.0 | 105.0 |
| 52-1/4 | | 105.0 | 105.0 | 105.0 | 105.0 |
| 54-1/4 | | 105.0 | 105.0 | 105.0 | 105.0 |
| 56-1/4 | | 105.0 | 105.0 | 102.0 | 102.0 |
| 58-1/4 | | 105.0 | 105.0 | 99.2 | 99.2 |
| 60-1/4 | | 105.0 | 105.0 | 96.7 | 96.7 |
| 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 |

GLASS CAPACITY CHARTS

W/O REINFORCEMENTS: GLASS TYPES 2 & 2.1
(SEE GLASS DETAILS IN SHEET 6)

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

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

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

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

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

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1208.06

Expiration Date 06/12/2023

By Ismael L. Chanle
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
WE'RE STRONGER™

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

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

DP FOR GLASS TYPES 2 & 2.1

560-3T-LM-NOA B

5 OF 17

3-TRACK, LMI

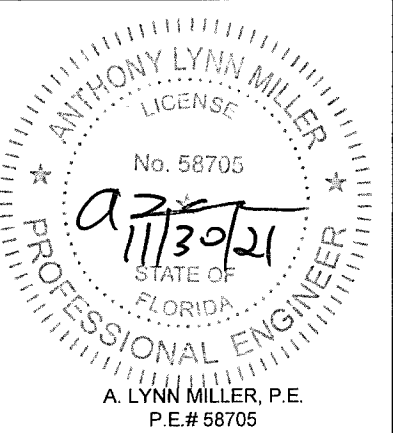
SGD560A

Date 06/10/2020

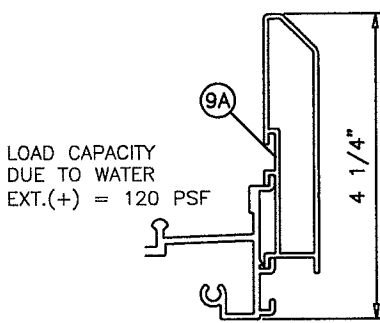
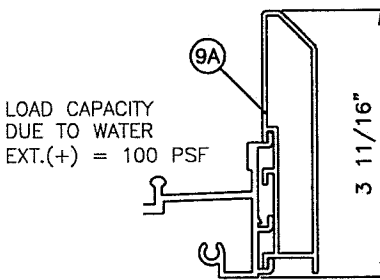
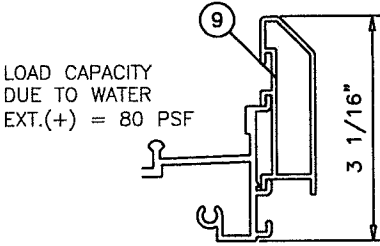
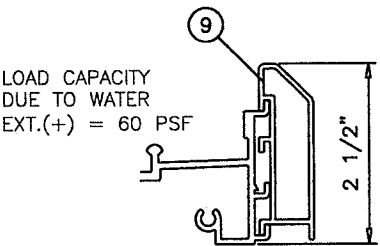
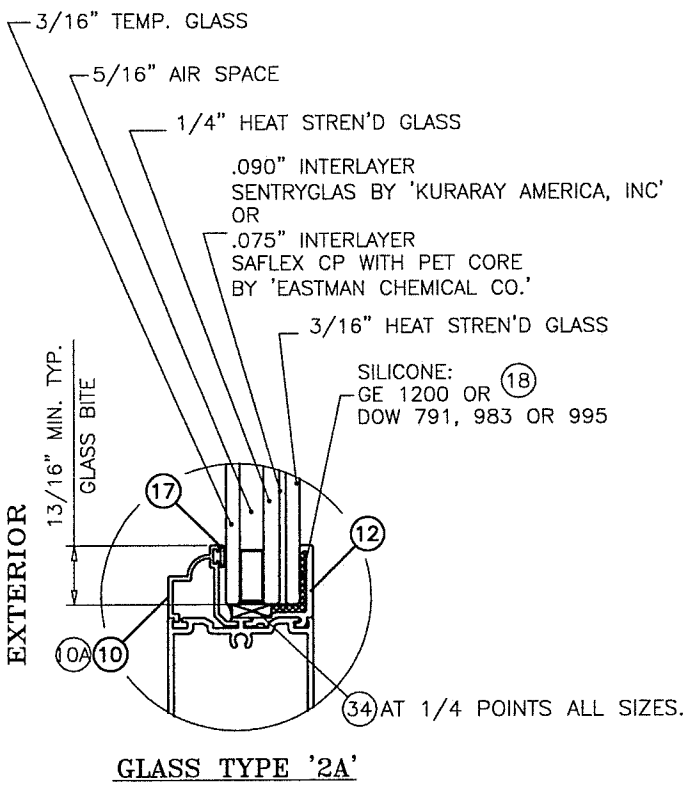
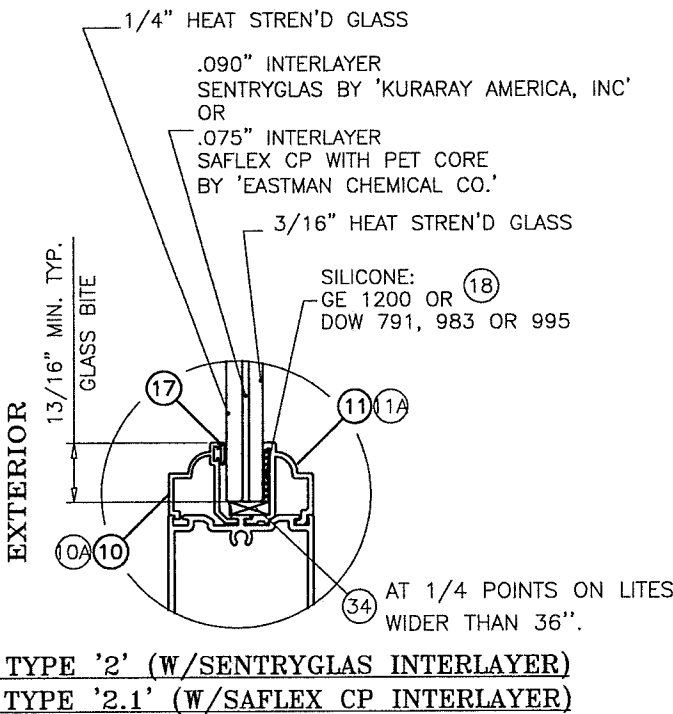
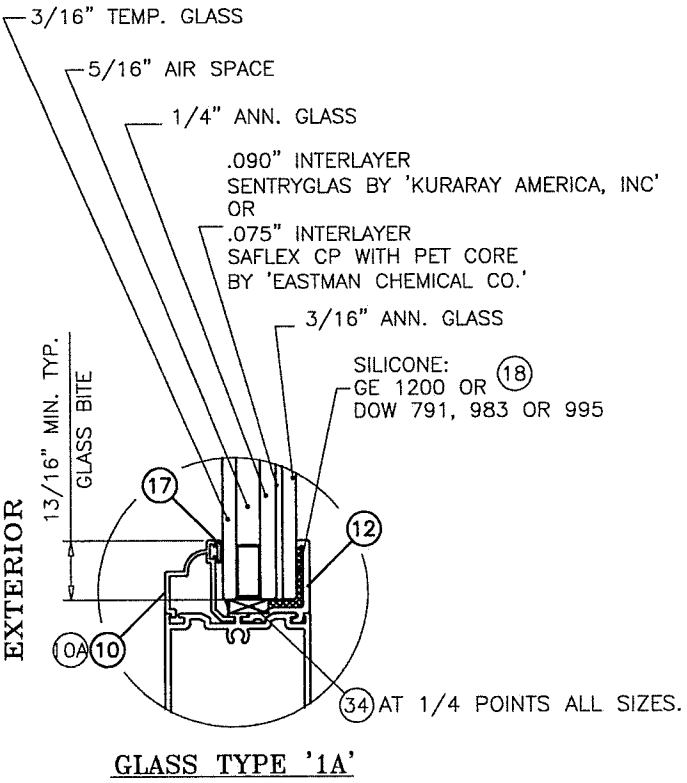
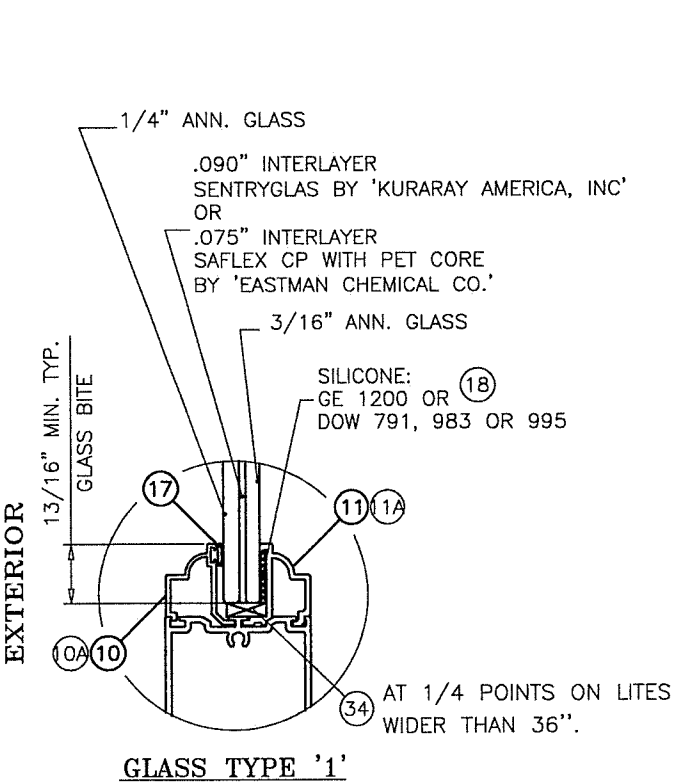
By J ROSOWSKI

Series Desc.

Title



GLAZING OPTIONS

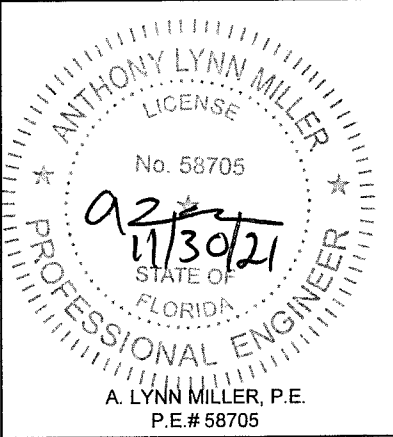


LOAD CAPACITIES SHOWN IN CHARTS ON SHEETS 4 & 5 ARE FOR DOORS USING 4-1/4" SILL HEIGHTS. FOR DOORS USING LOWER SILL HEIGHTS LIMIT EXTERIOR(+) LOADS AS SHOWN ABOVE.

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).

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1208.06
Expiration Date 06/12/2023
By *Ismael L. Chank*
Miami-Dade Product Control

| | |
|---|--|
| Revision: | |
| PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 | |
| REGISTRATION #29296 | |
| 6/10/2020 | |
| J ROSOWSKI | |
| B | |
| 560-3T-LM-NOA | |
| 6 OF 17 | |
| 3-TRACK, LMI | |
| SGD560A | |
| GLAZING DETAILS | |
| 560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) | |
| CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590 | |
| IMPACT RESISTANT WINDOWS & DOORS WE'RE STRONGER™ | |
| CGI | |
| IMPACT RESISTANT WINDOWS & DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590 | |



| 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 | 152.0 | 170.0 | 170.0 | 168.0 | 170.0 | 170.0 | 119.2 | 170.0 | 170.0 | 170.0 | 139.0 | 170.0 | 170.0 | - | 170.0 | 170.0 | 170.0 |
| 30-1/4 | | 121.9 | 170.0 | 170.0 | 134.7 | 170.0 | 170.0 | 95.5 | 143.3 | 170.0 | 170.0 | 111.5 | 148.6 | 170.0 | - | 152.8 | 170.0 | 170.0 |
| 36-1/4 | | 152.5 | 170.0 | 170.0 | 168.6 | 170.0 | 170.0 | 119.6 | 159.5 | 170.0 | 170.0 | 124.0 | 155.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 |
| 42-1/4 | | 130.9 | 159.9 | 159.9 | 144.7 | 159.9 | 159.9 | 102.6 | 136.8 | 159.9 | 159.9 | 106.4 | 133.0 | 159.6 | 159.9 | 159.9 | 159.9 | 159.9 |
| 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 | 74.9 | 93.3 | 111.9 | 112.1 | 112.1 | 112.1 | 112.1 |
| 24-1/4 | 84 | 144.8 | 170.0 | 170.0 | 160.0 | 170.0 | 170.0 | 113.5 | 170.0 | 170.0 | 170.0 | 132.4 | 170.0 | 170.0 | - | 170.0 | 170.0 | 170.0 |
| 30-1/4 | | 116.1 | 170.0 | 170.0 | 128.3 | 170.0 | 170.0 | 91.0 | 136.5 | 170.0 | 170.0 | 106.2 | 141.5 | 170.0 | - | 145.5 | 170.0 | 170.0 |
| 36-1/4 | | 145.3 | 170.0 | 170.0 | 160.6 | 170.0 | 170.0 | 113.9 | 151.9 | 170.0 | 170.0 | 118.1 | 147.6 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 |
| 42-1/4 | | 124.6 | 159.9 | 159.9 | 137.8 | 159.9 | 159.9 | 97.7 | 130.3 | 159.9 | 159.9 | 101.3 | 126.7 | 152.0 | 159.9 | 156.3 | 159.9 | 159.9 |
| 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 | 133.1 | 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 | 170.0 | 170.0 | 149.4 | 170.0 | 170.0 | 105.9 | 158.9 | 170.0 | 170.0 | 123.6 | 164.8 | 170.0 | - | 169.4 | 170.0 | 170.0 |
| 30-1/4 | | 108.3 | 162.5 | 170.0 | 119.7 | 170.0 | 170.0 | 84.9 | 127.4 | 169.8 | 170.0 | 99.1 | 132.1 | 165.1 | 170.0 | 135.8 | 170.0 | 170.0 |
| 36-1/4 | | 135.6 | 170.0 | 170.0 | 149.9 | 170.0 | 170.0 | 106.3 | 141.7 | 170.0 | 170.0 | 110.2 | 137.8 | 165.4 | 170.0 | 170.0 | 170.0 | 170.0 |
| 42-1/4 | | 116.3 | 155.1 | 159.9 | 128.6 | 159.9 | 159.9 | 91.2 | 121.6 | 152.0 | 159.9 | 94.6 | 118.2 | 141.9 | 159.9 | 145.9 | 159.9 | 159.9 |
| 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 | 170.0 | 170.0 | 140.0 | 170.0 | 170.0 | 99.3 | 149.0 | 170.0 | 170.0 | 115.9 | 154.5 | 170.0 | - | 158.8 | 170.0 | 170.0 |
| 30-1/4 | | 101.6 | 152.3 | 170.0 | 112.3 | 168.4 | 170.0 | 79.6 | 119.4 | 159.2 | 170.0 | 92.9 | 123.8 | 154.8 | 170.0 | 127.3 | 170.0 | 170.0 |
| 36-1/4 | | 127.1 | 169.5 | 170.0 | 140.5 | 170.0 | 170.0 | 99.7 | 132.9 | 166.1 | 170.0 | 103.3 | 129.2 | 155.0 | 170.0 | 159.4 | 170.0 | 170.0 |
| 42-1/4 | | 109.1 | 145.4 | 159.9 | 120.6 | 159.9 | 159.9 | 85.5 | 114.0 | 142.5 | 159.9 | 88.7 | 110.8 | 133.0 | 155.2 | 136.8 | 159.9 | 159.9 |
| 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 | 117.4 | 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 | 102.0 | 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. 21-1208.06

Expiration Date 06/12/2023

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 | Rev. | B |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Impact Resistant Windows & Doors WER | | | | | | |

| 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 | 167.5 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 150.5 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | — |
| 30-1/4 | | 134.2 | 170.0 | 170.0 | 159.9 | 170.0 | 170.0 | 120.7 | 170.0 | 170.0 | 170.0 | 141.7 | 170.0 | 170.0 | — |
| 36-1/4 | | 168.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 151.1 | 170.0 | 170.0 | 170.0 | 157.6 | 170.0 | 170.0 | 170.0 |
| 42-1/4 | | 144.2 | 159.9 | 159.9 | 159.9 | 159.9 | 159.9 | 129.6 | 159.9 | 159.9 | 159.9 | 135.2 | 159.9 | 159.9 | 159.9 |
| 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 | 159.5 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 143.4 | 170.0 | 170.0 | 170.0 | 168.3 | 170.0 | 170.0 | — |
| 30-1/4 | | 127.8 | 170.0 | 170.0 | 152.3 | 170.0 | 170.0 | 114.9 | 170.0 | 170.0 | 170.0 | 134.9 | 170.0 | 170.0 | — |
| 36-1/4 | | 160.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 143.9 | 170.0 | 170.0 | 170.0 | 150.1 | 170.0 | 170.0 | 170.0 |
| 42-1/4 | | 137.3 | 159.9 | 159.9 | 159.9 | 159.9 | 159.9 | 123.4 | 159.9 | 159.9 | 159.9 | 128.8 | 159.9 | 159.9 | 159.9 |
| 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 | 148.8 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 133.8 | 170.0 | 170.0 | 170.0 | 157.1 | 170.0 | 170.0 | — |
| 30-1/4 | | 119.3 | 170.0 | 170.0 | 142.2 | 170.0 | 170.0 | 107.3 | 160.9 | 170.0 | 170.0 | 125.9 | 167.9 | 170.0 | — |
| 36-1/4 | | 149.4 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 134.3 | 170.0 | 170.0 | 170.0 | 140.1 | 170.0 | 170.0 | 170.0 |
| 42-1/4 | | 128.2 | 159.9 | 159.9 | 152.7 | 159.9 | 159.9 | 115.2 | 153.6 | 159.9 | 159.9 | 120.2 | 150.3 | 159.9 | 159.9 |
| 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 | 170.0 | 170.0 | 166.3 | 170.0 | 170.0 | 125.4 | 170.0 | 170.0 | 170.0 | 147.3 | 170.0 | 170.0 | — |
| 30-1/4 | | 111.9 | 167.8 | 170.0 | 133.3 | 170.0 | 170.0 | 100.6 | 150.8 | 170.0 | 170.0 | 118.1 | 157.4 | 170.0 | — |
| 36-1/4 | | 140.0 | 170.0 | 170.0 | 166.8 | 170.0 | 170.0 | 125.9 | 167.8 | 170.0 | 170.0 | 131.4 | 164.2 | 170.0 | 170.0 |
| 42-1/4 | | 120.1 | 159.9 | 159.9 | 143.1 | 159.9 | 159.9 | 108.0 | 144.0 | 159.9 | 159.9 | 112.7 | 140.9 | 159.9 | 159.9 |
| 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 | 112.1 | 140.0 | 140.0 | 84.7 | 127.0 | 140.0 | 140.0 | 99.4 | 132.6 | 140.0 | — |
| 36-1/4 | | 117.9 | 140.0 | 140.0 | 140.0 | 140.0 | 140.0 | 106.0 | 140.0 | 140.0 | 140.0 | 110.6 | 138.3 | 140.0 | 140.0 |
| 42-1/4 | | 101.2 | 134.9 | 140.0 | 120.5 | 140.0 | 140.0 | 90.9 | 121.3 | 140.0 | 140.0 | 94.9 | 118.6 | 140.0 | 140.0 |
| 48-1/4 | | 88.6 | 118.1 | 140.0 | 105.6 | 140.0 | 140.0 | 79.6 | 106.2 | 132.7 | 140.0 | 83.1 | 103.9 | 124.7 | 140.0 |
| 54-1/4 | | 78.8 | 105.0 | 105.0 | 93.9 | 105.0 | 105.0 | 70.8 | 94.4 | 105.0 | 105.0 | 73.9 | 90.0 | 105.0 | 105.0 |
| 60-1/4 | | 70.9 | 94.6 | 105.0 | 84.5 | 105.0 | 105.0 | 63.8 | 85.0 | 105.0 | 105.0 | 66.6 | 83.2 | 99.8 | 105.0 |
| 24-1/4 | 120 | 111.6 | 140.0 | 140.0 | 133.0 | 140.0 | 140.0 | 100.4 | 140.0 | 140.0 | 140.0 | 117.8 | 140.0 | 140.0 | — |
| 30-1/4 | | 89.5 | 134.2 | 140.0 | 106.6 | 140.0 | 140.0 | 80.4 | 120.7 | 140.0 | 140.0 | 94.4 | 125.9 | 140.0 | — |
| 36-1/4 | | 112.0 | 140.0 | 140.0 | 133.5 | 140.0 | 140.0 | 100.7 | 134.3 | 140.0 | 140.0 | 105.1 | 131.4 | 140.0 | 140.0 |
| 42-1/4 | | 96.1 | 128.2 | 140.0 | 114.5 | 140.0 | 140.0 | 86.4 | 115.2 | 140.0 | 140.0 | 90.2 | 112.7 | 135.2 | 140.0 |
| 48-1/4 | | 84.2 | 112.2 | 140.0 | 100.3 | 133.7 | 140.0 | 75.7 | 100.9 | 126.1 | 140.0 | 78.9 | 98.7 | 118.4 | 138.2 |
| 54-1/4 | | 74.9 | 99.8 | 105.0 | 89.2 | 105.0 | 105.0 | 67.3 | 89.7 | 105.0 | 105.0 | 70.2 | 87.8 | 105.0 | 105.0 |
| 60-1/4 | | 67.4 | 89.9 | 105.0 | 80.3 | 105.0 | 105.0 | 60.6 | 80.8 | 105.0 | 105.0 | 63.2 | 79.0 | 94.8 | 105.0 |

INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ACCEPTABLE

NOTE:
SEE SHEET 10 FOR ANCHOR TYPES
AND DETAILS.
ANCHOR CAPACITIES LISTED ON THIS
SHEET TO BE USED IN CONJUNCTION
WITH GLASS/REINFORCING AND MULLION
CHARTS IN THIS DOCUMENT.
LOWER APPLICABLE VALUES CONTROL.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1208.06

Expiration Date 06/12/2023

By Ismael L. Chanak
Miami-Dade Product Control

Revision:

| | | | | |
|---|--|-------------------------------|---------|---------------|
| PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296 | 06/10/2020 | J ROSOWSKI | Rev. | B |
| | | | No. | 560-3T-LM-NOA |
| | | | DWG | 8 OF 17 |
| | | | Sheet | 3-TRACK, LMI |
| 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 (LMI) | DP PER ANCHORS AND SHIM SPACE | SGD560A | Series |
| | | | | Desc. |
| | | | | Title |
| | | | | Config. |



| 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 | 170.0 | 170.0 | 170.0 | 170.0 | 155.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | – |
| 30–1/4 | | 163.3 | 170.0 | 170.0 | 170.0 | 124.3 | 170.0 | 170.0 | 146.8 | 170.0 | 170.0 | – |
| 36–1/4 | | 170.0 | 170.0 | 170.0 | 170.0 | 155.6 | 170.0 | 170.0 | 163.3 | 170.0 | 170.0 | 170.0 |
| 42–1/4 | | 159.9 | 159.9 | 159.9 | 159.9 | 133.5 | 159.9 | 159.9 | 140.1 | 159.9 | 159.9 | 159.9 |
| 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 | 170.0 | 170.0 | 170.0 | 170.0 | 147.7 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | – |
| 30–1/4 | | 155.5 | 170.0 | 170.0 | 170.0 | 118.4 | 170.0 | 170.0 | 139.8 | 170.0 | 170.0 | – |
| 36–1/4 | | 170.0 | 170.0 | 170.0 | 170.0 | 148.2 | 170.0 | 170.0 | 155.6 | 170.0 | 170.0 | 170.0 |
| 42–1/4 | | 159.9 | 159.9 | 159.9 | 159.9 | 127.1 | 159.9 | 159.9 | 133.5 | 159.9 | 159.9 | 159.9 |
| 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 | 170.0 | 170.0 | 170.0 | 170.0 | 137.8 | 170.0 | 170.0 | 162.8 | 170.0 | 170.0 | – |
| 30–1/4 | | 145.1 | 170.0 | 170.0 | 170.0 | 110.5 | 165.7 | 170.0 | 130.5 | 170.0 | 170.0 | – |
| 36–1/4 | | 170.0 | 170.0 | 170.0 | 170.0 | 138.3 | 170.0 | 170.0 | 145.2 | 170.0 | 170.0 | 170.0 |
| 42–1/4 | | 159.9 | 159.9 | 159.9 | 159.9 | 118.7 | 158.2 | 159.9 | 124.6 | 155.7 | 159.9 | 159.9 |
| 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 | 169.7 | 170.0 | 170.0 | 170.0 | 129.2 | 170.0 | 170.0 | 152.6 | 170.0 | 170.0 | – |
| 30–1/4 | | 136.1 | 170.0 | 159.5 | 170.0 | 103.6 | 155.4 | 170.0 | 122.3 | 163.1 | 170.0 | – |
| 36–1/4 | | 170.0 | 170.0 | 170.0 | 170.0 | 129.6 | 170.0 | 170.0 | 136.1 | 170.0 | 170.0 | 170.0 |
| 42–1/4 | | 146.1 | 159.9 | 159.9 | 159.9 | 111.2 | 148.3 | 159.9 | 116.8 | 146.0 | 159.9 | 159.9 |
| 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 | 103.8 | 140.0 | 103.0 | 137.4 | 140.0 | – |
| 36–1/4 | | 140.0 | 140.0 | 140.0 | 140.0 | 109.2 | 140.0 | 140.0 | 114.6 | 140.0 | 140.0 | 140.0 |
| 42–1/4 | | 123.1 | 140.0 | 140.0 | 140.0 | 93.7 | 124.9 | 140.0 | 98.3 | 122.9 | 140.0 | 140.0 |
| 48–1/4 | | 107.8 | 140.0 | 126.3 | 140.0 | 82.0 | 109.4 | 136.7 | 86.1 | 107.6 | 129.2 | 140.0 |
| 54–1/4 | | 95.8 | 105.0 | 105.0 | 105.0 | 73.0 | 97.3 | 105.0 | 76.6 | 90.0 | 105.0 | 105.0 |
| 60–1/4 | | 86.3 | 105.0 | 101.1 | 105.0 | 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 |

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.

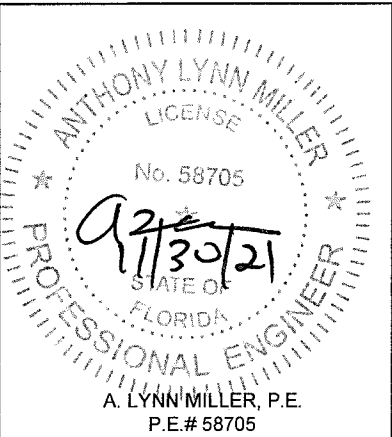
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-1208.06

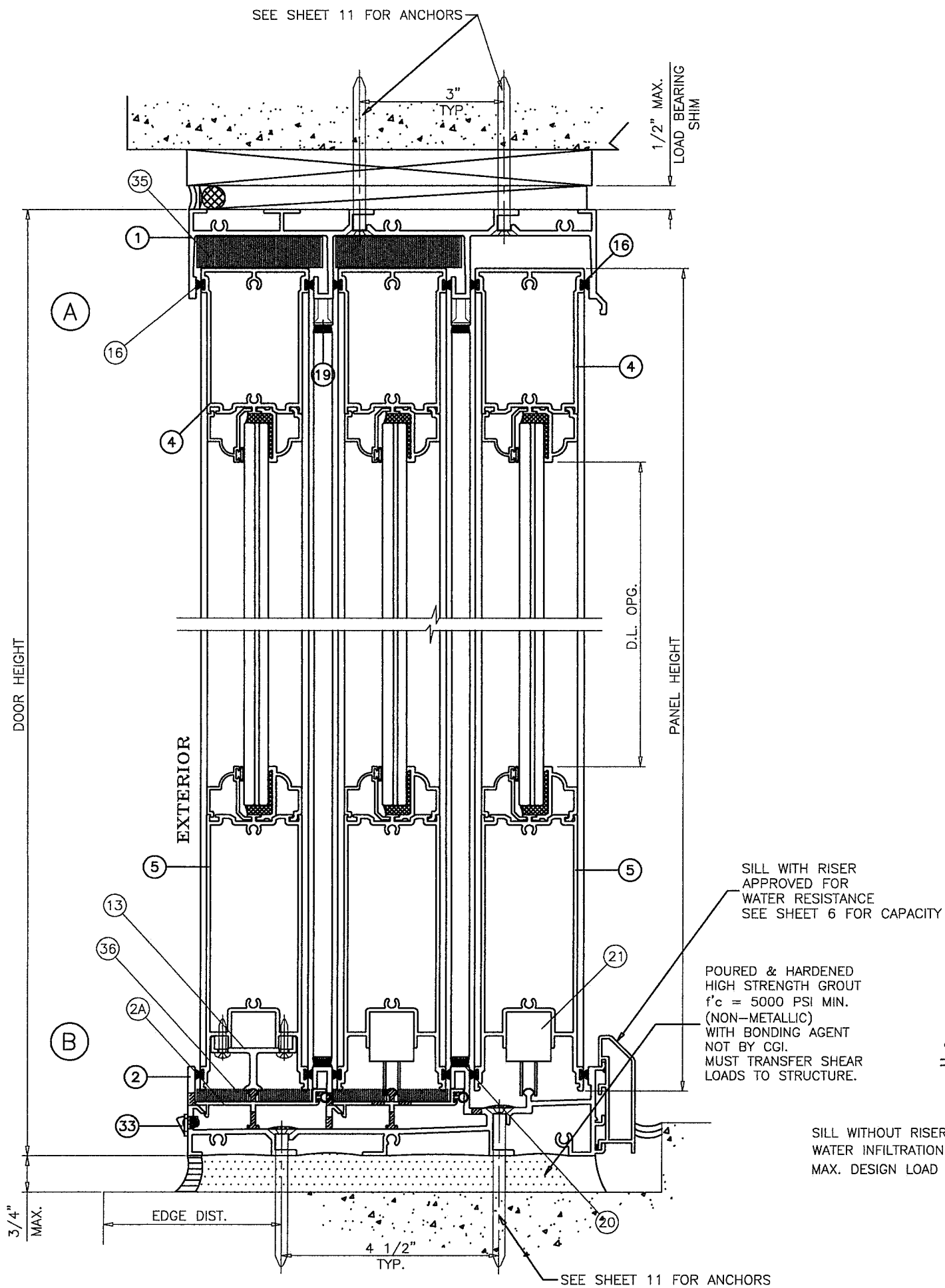
Expiration Date 06/12/2023

By Ishag I. Chank
Miami-Dade Product Control

Revision:

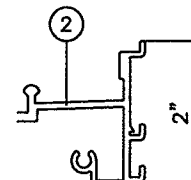
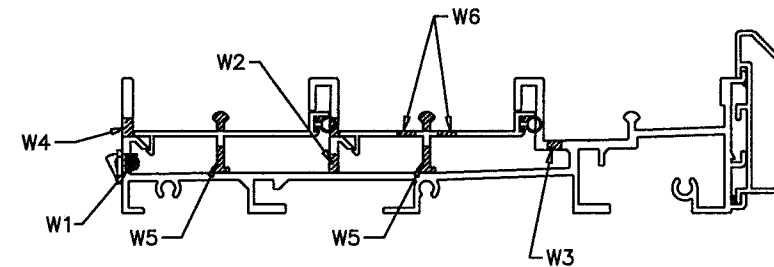
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|--|---|--|-------------------------------|--|---------------|------------|
|  Impact Resistant Windows & Doors WE'RE STRONGER™ | CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590 | | REGISTRATION #29296 | | 06/10/2020 | |
| | | | | | Date | |
| | | | | | By | J ROSOWSKI |
| | | | | | Drawn | |
| 560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) | | | DP PER ANCHORS AND SHIM SPACE | | | |
| SGD560A | | | 3-TRACK, LMI | | 9 OF 17 | |
| Sheet | | | DWG No. | | 560-3T-LM-NOA | |
| Rev. | | | | | B | |





WEEPS:

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



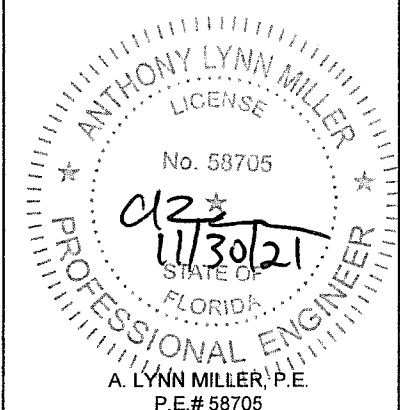
SILL WITHOUT RISER NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.
MAX. DESIGN LOAD FOR THIS SILL IS THE SAME AS 4-1/4\" RISER.

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.

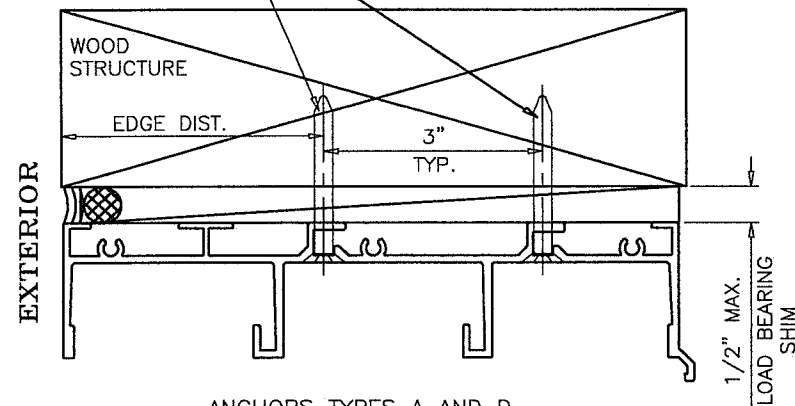
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-1208.06
Expiration Date 06/12/2023
By *Isaac L. Chank*
Miami-Dade Product Control

Revision:

| | | | | |
|--|--|----------------------|---------------|----------|
| PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 | REGISTRATION #29296 06/10/2020 | J ROSOWSKI By | 560-3T-LM-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 (LMI) | INSTALLATION DETAILS | 3-TRACK, LMI | 10 OF 17 |
| | | | | |
| | | | | |
| | | | | |
| | SGD560A | Series | Desc | Title |
| | | | | |
| | | | | |
| | | | | |

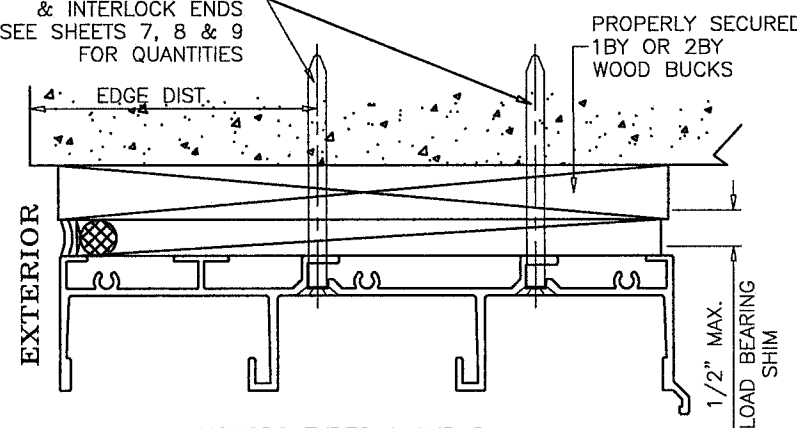


TYPICAL ANCHORS
IN CLUSTERS
AT MTG. STILE
& INTERLOCK ENDS
SEE SHEETS 7, 8 & 9
FOR QUANTITIES



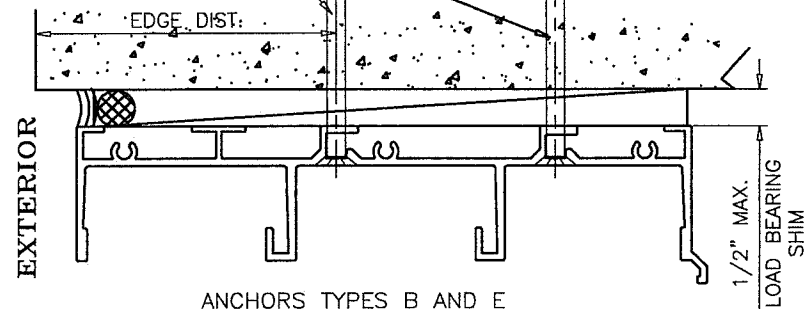
ANCHORS TYPES A AND D
INTO WOOD STRUCTURES

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



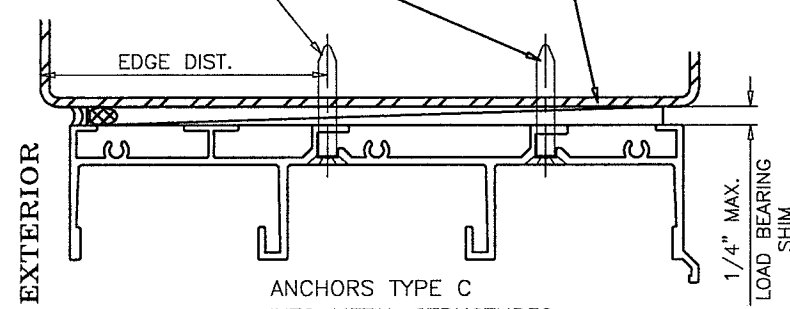
ANCHORS TYPES A AND D
THRU PROPERLY SECURED 1BY OR 2BY
WOOD BUCKS INTO 3 KSI CONCRETE

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



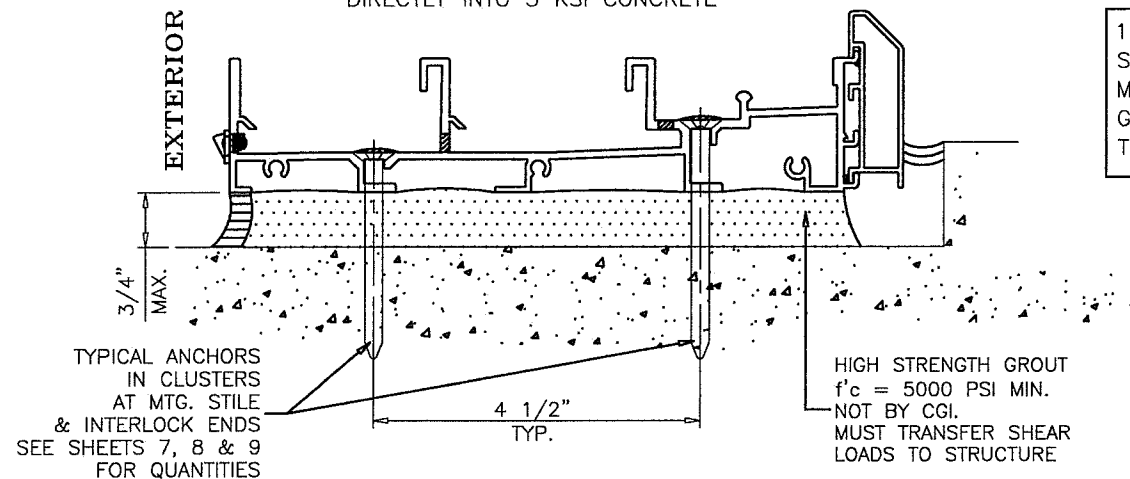
ANCHORS TYPES B AND E
DIRECTLY INTO 3 KSI CONCRETE

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



ANCHORS TYPE C
INTO METAL STRUCTURES
OR APPROVED MULLIONS

ANCHORS TYPE B
DIRECTLY INTO 3 KSI CONCRETE



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

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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

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

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

TYPE 'C' - #14 SMS OR SELF DRILLING SCREWS ST/ST (GRADE 2 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS
OR
INTO METAL STRUCTURES (HEAD/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
STEEL : 12 GA. MIN. ($F_y = 36$ KSI MIN.)
ALUMINUM : $1/8"$ THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPE 'D' - $1/4"$ DIA HILTI KWIK-CON II ($F_u=138$ KSI, $F_y=137$ KSI)
INTO WOOD STRUCTURES
WITH 2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS/SILL)
THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR BLOCKS
WITH $1-1/4"$ MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL)
WITH $1-1/4"$ MIN. EMBED INTO BLOCKS (JAMBS)

TYPE 'E' - $1/4"$ DIA HILTI KWIK-CON II ($F_u=138$ KSI, $F_y=137$ KSI)
DIRECTLY INTO CONC. OR BLOCKS
2" MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL)
2" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

$1/4"$ DIA DEWALT ULTRACON+ ($F_u=164$ KSI, $F_y=148$ KSI) $1/4"$ MAX. SHIM SPACE
DIRECTLY INTO CONCRETE OR HOLLOW CMU
WITH $1-3/4"$ MIN. EMBED INTO CONCRETE
WITH $1-1/4"$ MIN. EMBED INTO HOLLOW CMU

THRU 1BY WOOD BUCKS INTO CONCRETE OR HOLLOW CMU
WITH $1-3/4"$ MIN. EMBED INTO CONCRETE
WITH $1-1/4"$ MIN. EMBED INTO HOLLOW CMU

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

TYPE 'BB' - $5/16"$ DIA ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI)
DIRECTLY INTO CONC. OR BLOCKS
 $1-3/4"$ MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL)
 $1-3/4"$ MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES (UNLESS OTHERWISE NOTED)

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

WOOD AT HEAD, JAMBS OR SILL SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS $f'_c = 3000$ PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS $f'_m = 2000$ PSI MIN.

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

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1208.06

Expiration Date 06/12/2023

By *Isaac L. Chank*
Miami-Dade Product Control

Revision:

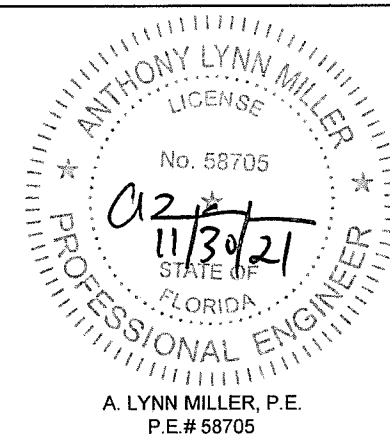
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

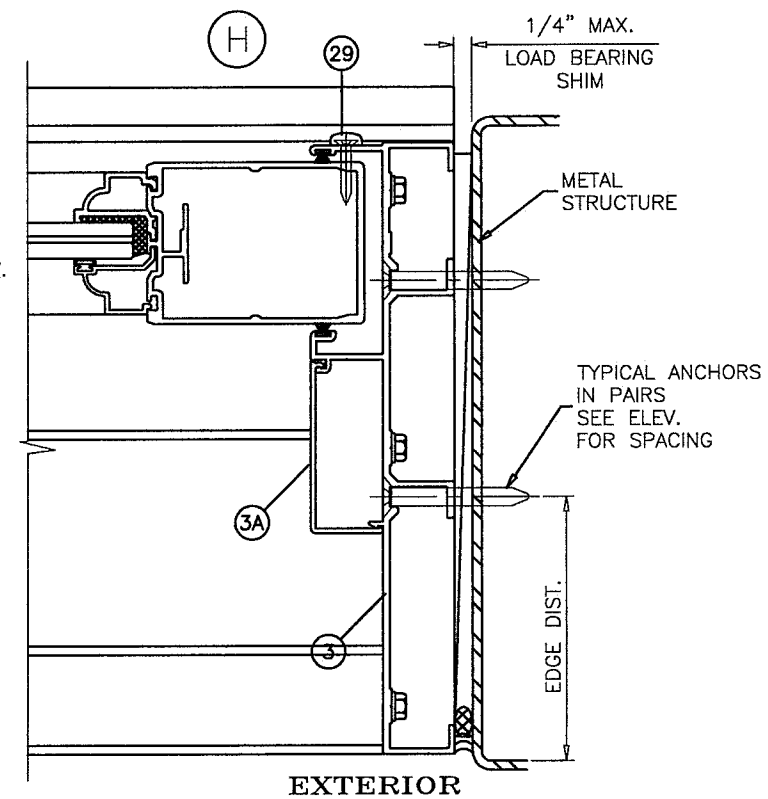
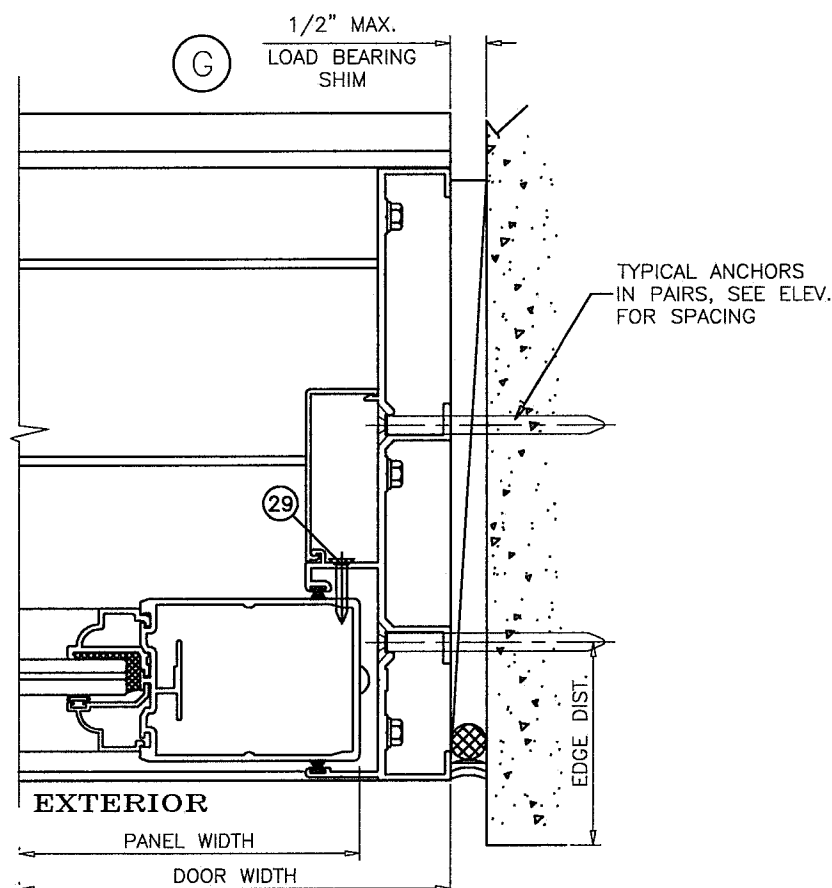
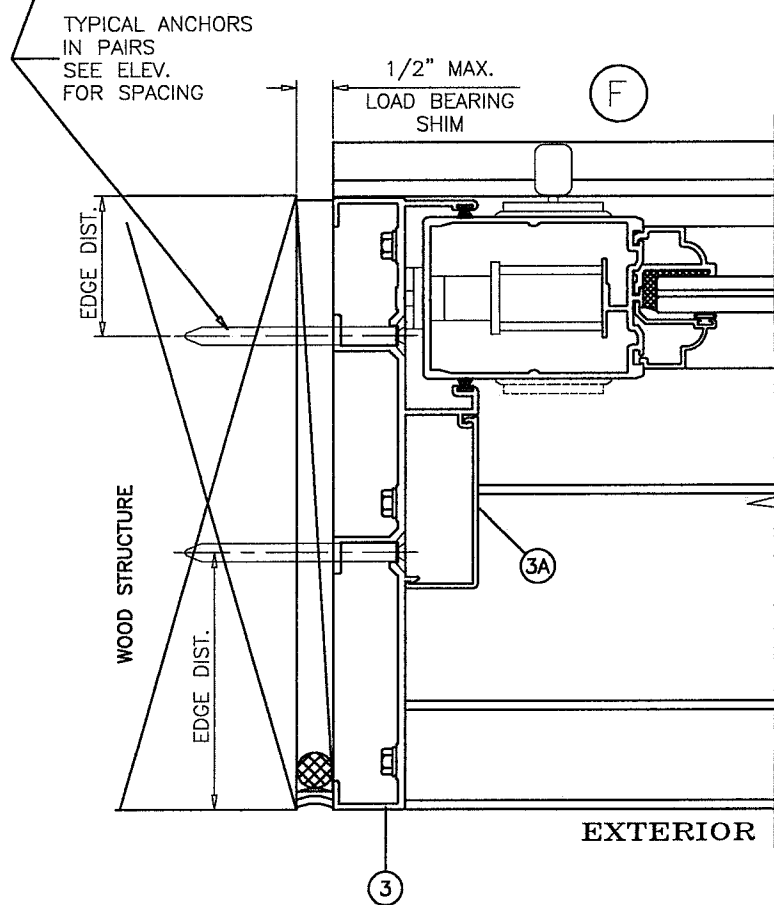
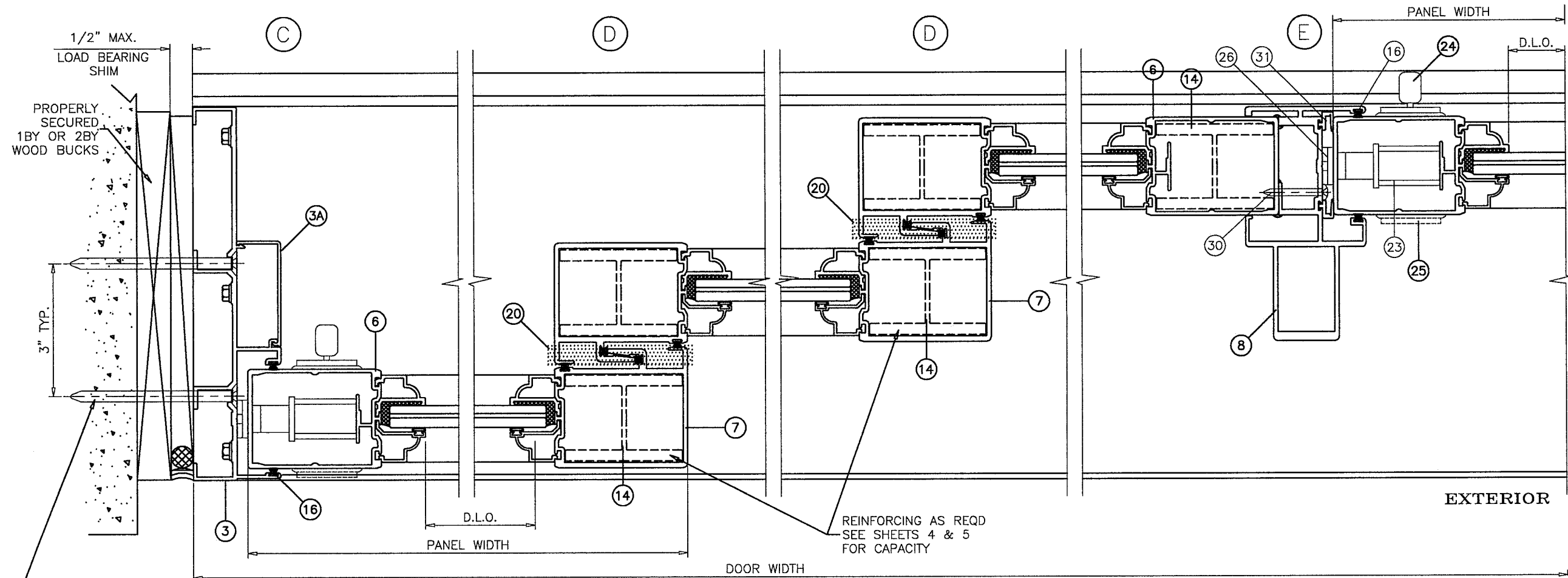
REGISTRATION #29296

| Rev. | Date | By | No. | Sheet | Config | Series |
|------|------------|------------|---------------|----------|--------------|---------|
| B | 06/10/2020 | J ROSOWSKI | 560-3T-LM-NOA | 11 OF 17 | 3-TRACK, LMI | SGD560A |

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

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





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. 21-1208.06

Expiration Date 06/12/2023

By Isaac L. 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

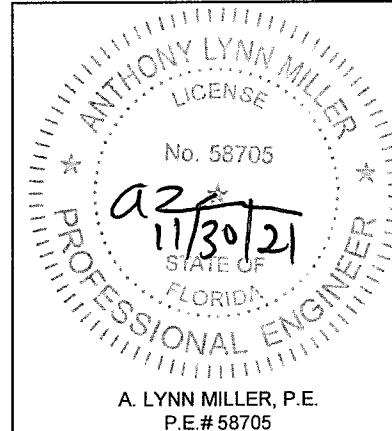
No. 560-3T-LM-NOA

Rev. B

**Impact Resistant
Windows & Doors**
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CGI WINDOWS AND DOORS, INC.
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HIALEAH, FL 33018
(305) 593-6590

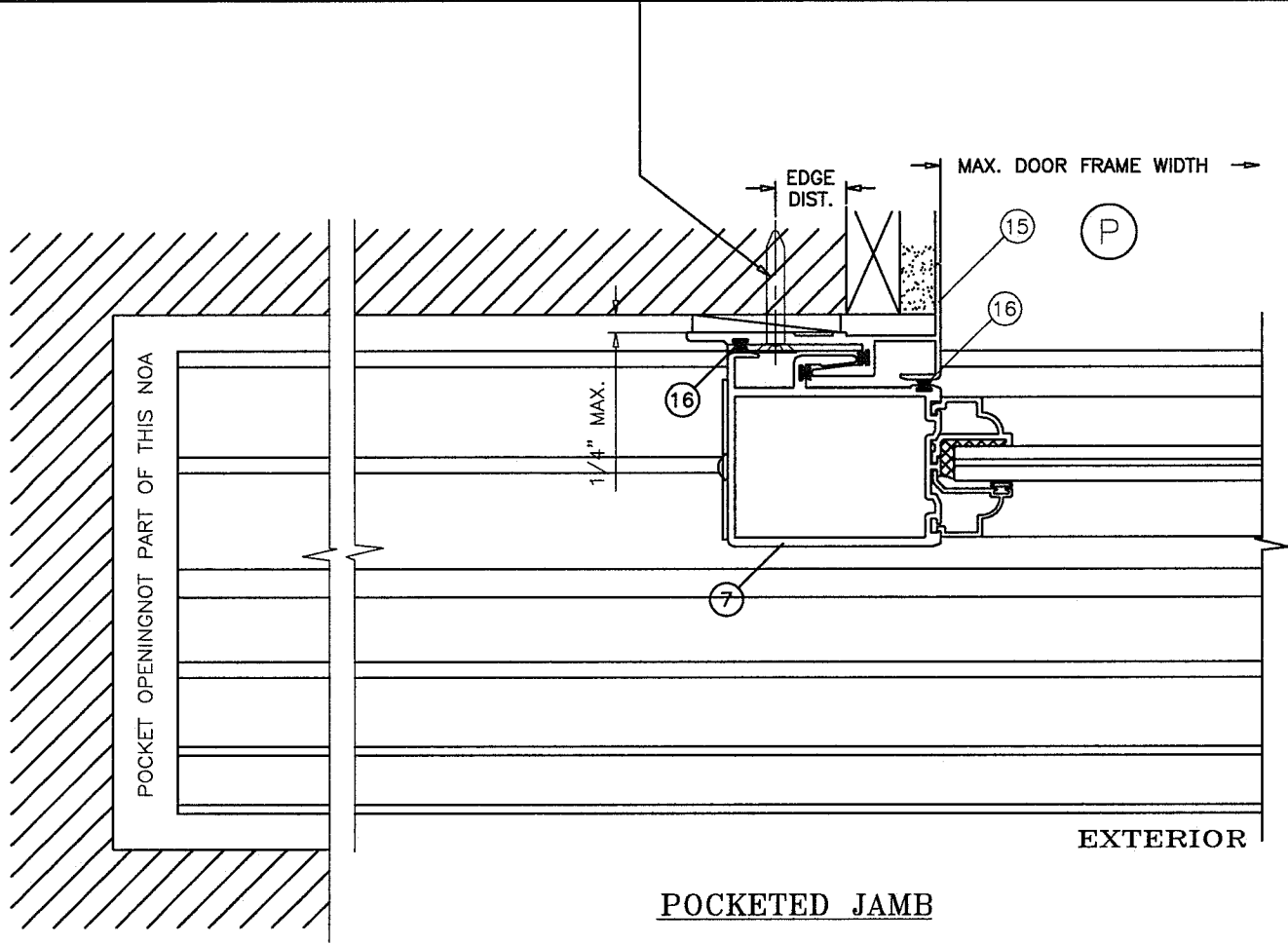
560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI)
INSTALLATION DETAILS

Sheet 12 OF 17
3-TRACK, LMI
SGD560A



| 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.



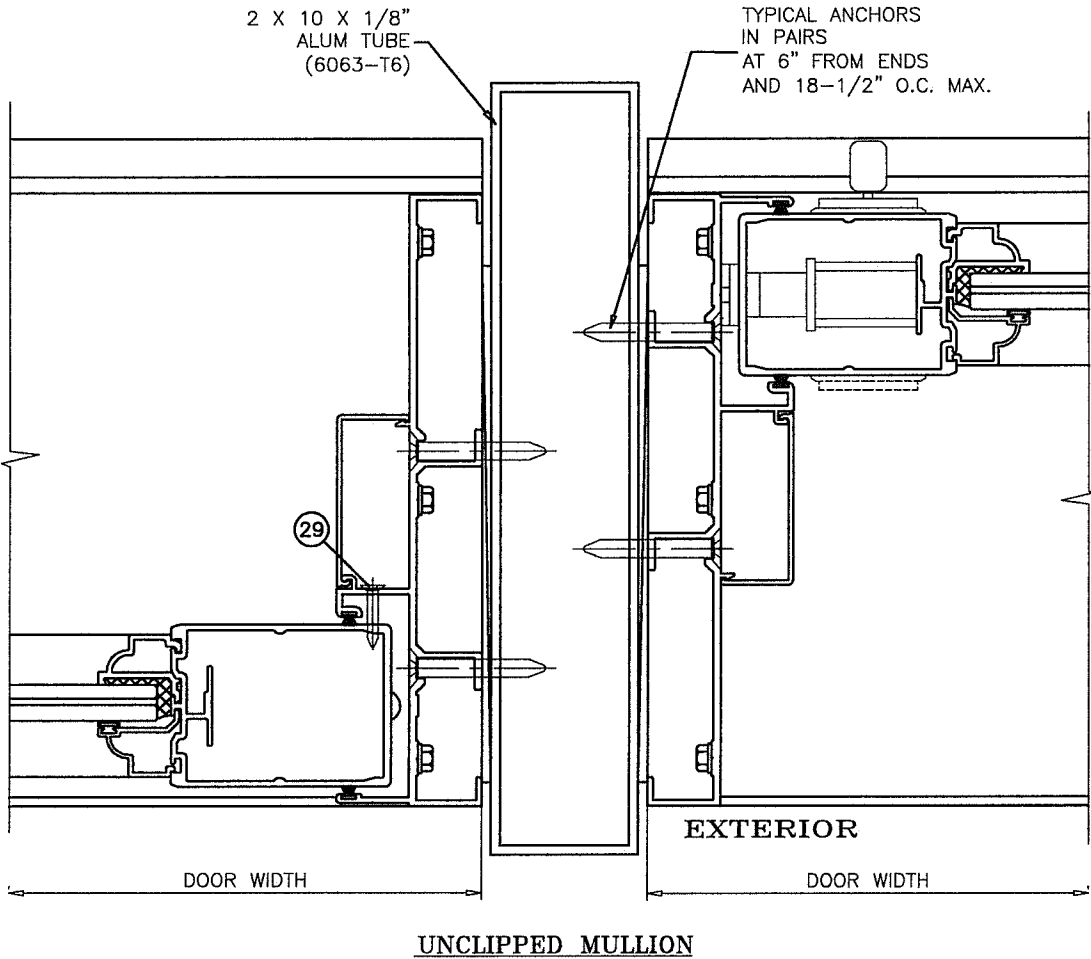
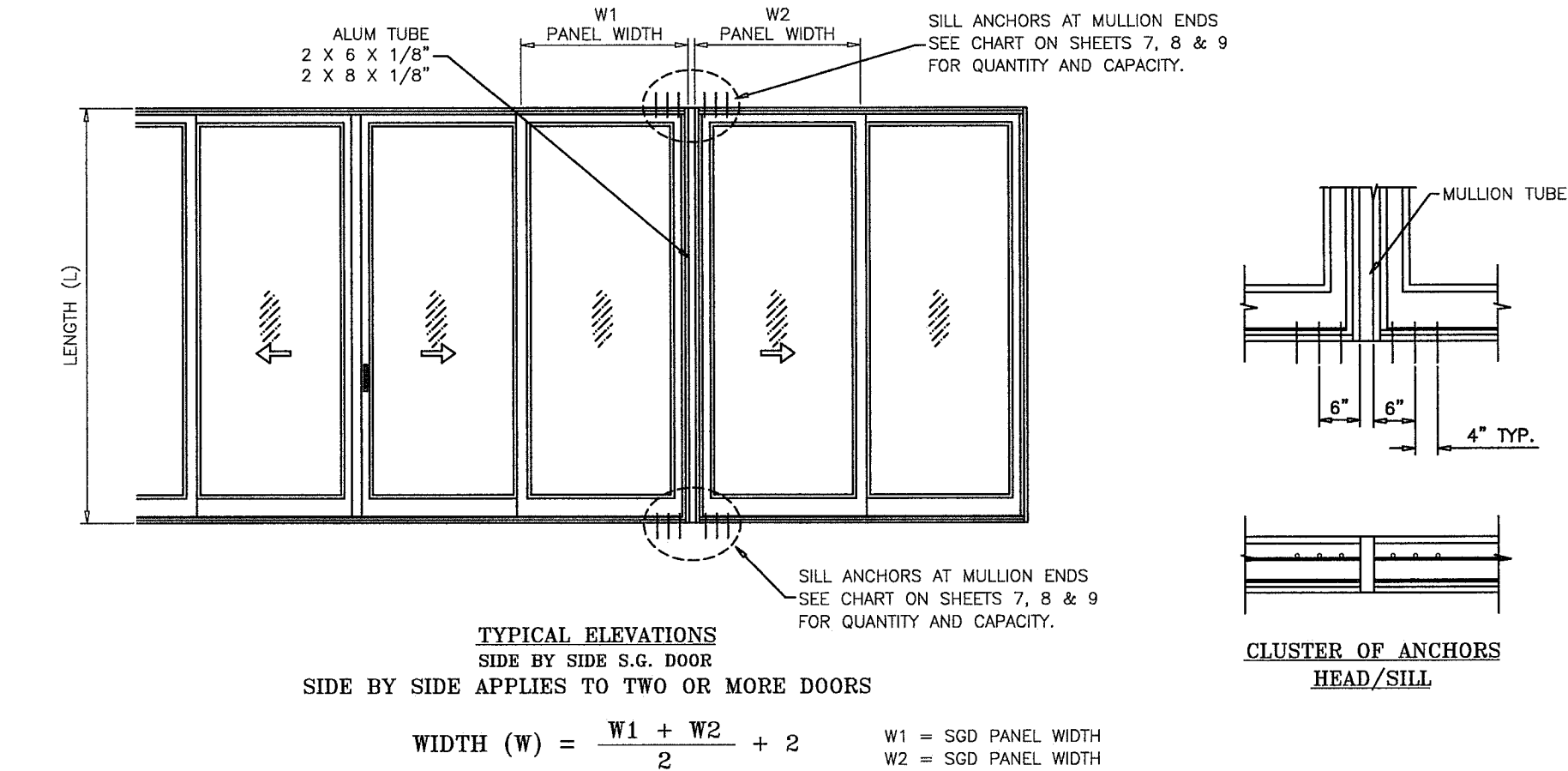
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1208.06
Expiration Date 06/12/2023
By Ismael L. Chank
Miami-Dade Product Control

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 | DWC 560-3T-LM-NOA | 13 OF 17 | 3-TRACK, LMI | SGD560A | INSTALLATION DETAILS, POCKET | 560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) | Impact Resistant Windows & Doors WE'RE STRONGER™ CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590 | 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
11/30/21
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

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

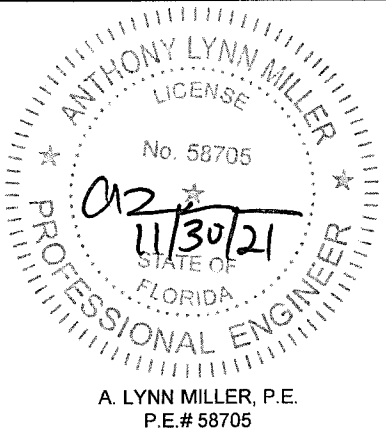


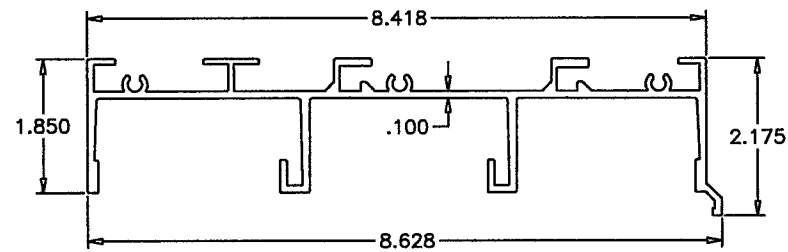
NOTES:

- USE CHART ON THIS SHEET FOR SIDE BY SIDE CONNECTION CAPACITY OF DOOR MULLION.
- FOR SLIDING GLASS DOOR CAPACITY SEE SHEETS 4 & 5.
- USE CHART ON SHEETS 7, 8 & 9 TO SELECT ANCHOR ARRANGEMENT AT MULLION ENDS.
- LOWER VALUES FROM STEPS 1, 2 OR 3 WILL APPLY TO ENTIRE SYSTEM.

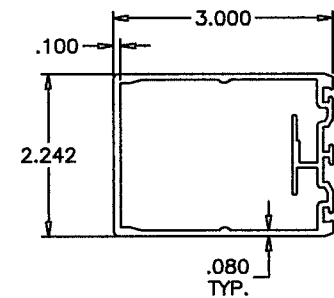
PRODUCT REVISED
as complying with the Florida
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NOA-No. 21-1208.06
Expiration Date 06/12/2023
By *Isaac L. Chank*
Miami-Dade Product Control

| | | | | | |
|--|--|--|--|-----------------|--|
| Revision: | | J ROSOWSKI | | 560-3T-LM-NOA-B | |
| | | | | | |
| PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 | | REGISTRATION #29296 | | 14 OF 17 | |
| Impact Resistant Windows & Doors WERE STRONGER™ | | 560SGDA ALUM. SLIDING GLASS DOOR, 3T (LMI) | | 3-TRACK, LMI | |
| CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6690 | | DP FOR MULLION | | SGD560A | |
| Date | | By | | Title | |
| 06/10/2020 | | J ROSOWSKI | | 560-3T-LM-NOA-B | |

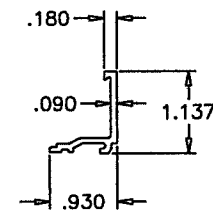




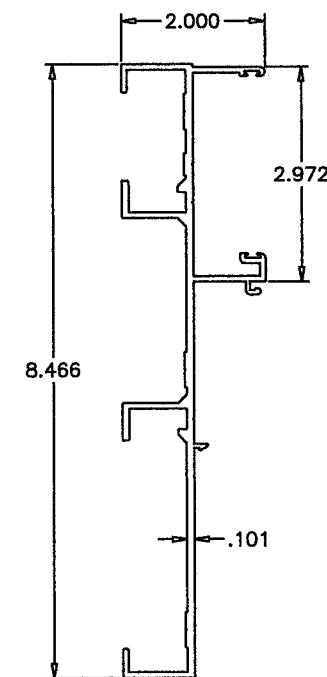
① FRAME HEAD



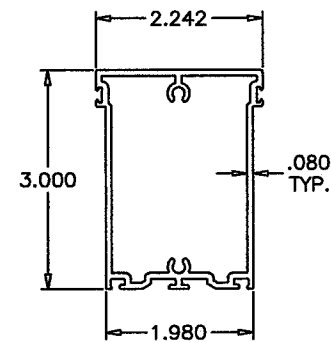
⑥ JAMB/LOCK STILE



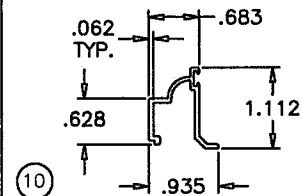
⑫ INSUL. GLASS ADAPTER



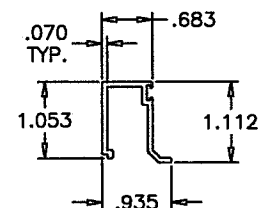
③ FRAME JAMB



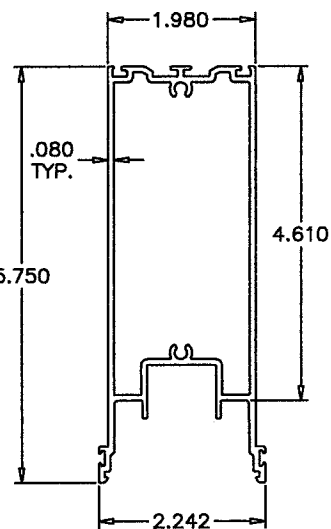
④ TOP RAIL



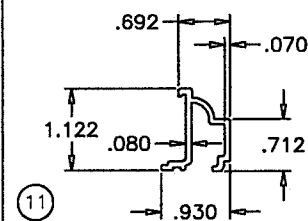
⑩ GLAZING BEADS



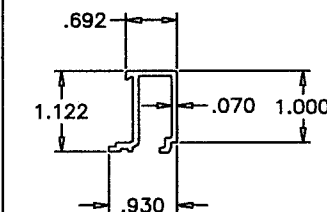
⑩A GLAZING BEADS



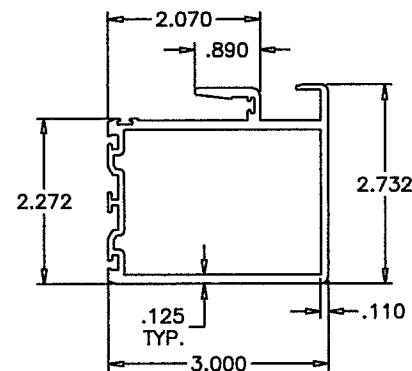
⑤ BOTTOM RAIL



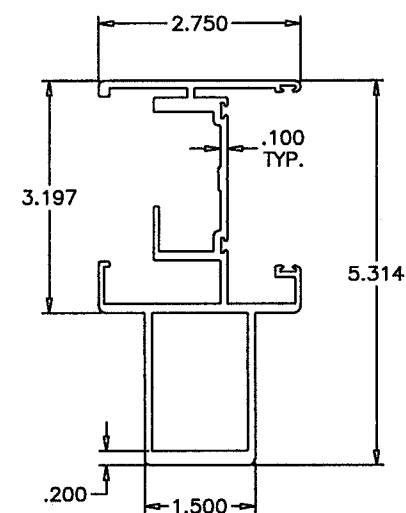
⑪



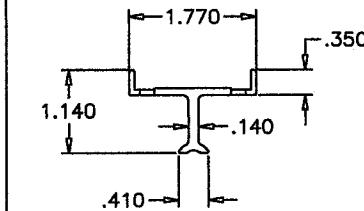
⑪A GLASS ADAPTERS



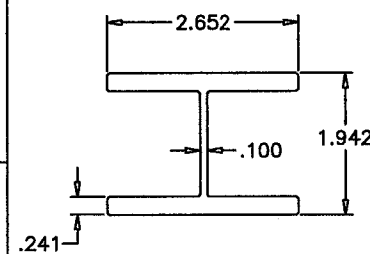
⑦ INTERLOCK STILE



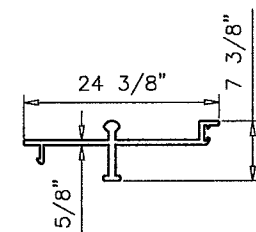
⑧ ASTRAGAL STILE



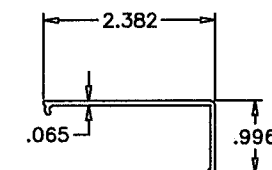
⑬ FIX. PANEL BASE



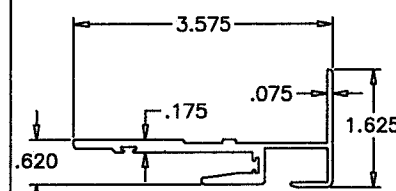
⑭ STILE REINFORCING



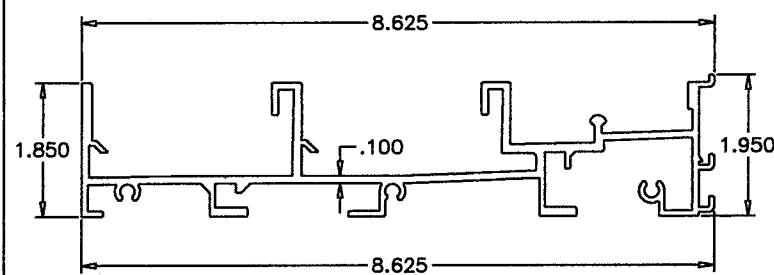
②A TRACK INSERT



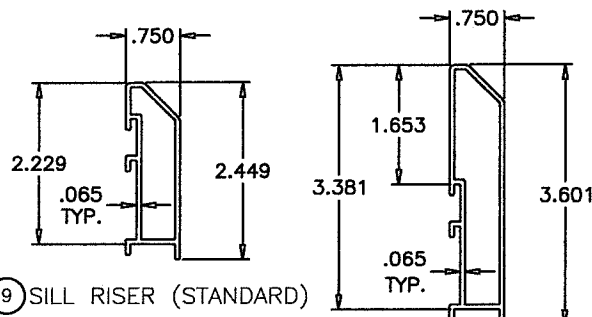
③A JAMB COVER



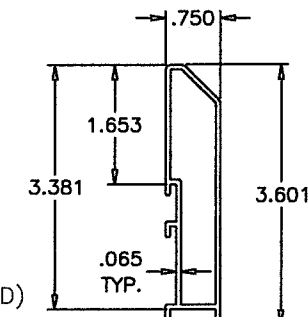
⑮ POCKET DOOR HOOK



② FRAME SILL



⑨ SILL RISER (STANDARD)



⑨A SILL RISER (HI-RISE)

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1208.06
Expiration Date 06/12/2023
By Isaac L. 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 | DWG No. 560-3T-LM-NOA | SHEET 15 OF 17 | SERIES SGD560A | DESC. 3-TRACK, LMI | TITLE EXTRUSIONS | Rev. |
| | | | | | | | | | |

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

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

| ITEM # | PART # | QUANTITY | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|--------|---------|---------------|-----------------------------------|----------|------------------------------------|
| 1 | CGI-572 | 1 | FRAME HEAD | 6063-T6 | - |
| 2 | CGI-573 | 1 | FRAME SILL | 6063-T6 | - |
| 2A | CGI-575 | AS REQD. | TRACK INSERT | 6063-T6 | - |
| 3 | CGI-574 | 2 | FRAME JAMB | 6063-T6 | - |
| 3A | CGI-576 | AS REQD. | JAMB COVER | 6063-T6 | - |
| 4 | CGI-574 | 1/ PANEL | TOP RAIL | 6063-T6 | - |
| 5 | CGI-556 | 1/ PANEL | BOTTOM RAIL | 6063-T6 | - |
| 6 | CGI-557 | 2/ PANEL | JAMB/LOCK STILE | 6063-T6 | - |
| 7 | CGI-558 | AS REQD. | INTERLOCK | 6063-T6 | - |
| 8 | CGI-559 | AS REQD. | ASTRAGAL STILE | 6063-T6 | - |
| 9 | CGI-553 | AS REQD. | SILL RISER (STANDARD) | 6063-T5 | - |
| 9A | CGI-554 | AS REQD. | SILL RISER (HI-RISE) | 6063-T5 | - |
| 10 | CGI-561 | AS REQD. | GLAZING BEAD (COLONIAL) | 6063-T5 | - |
| 10A | CGI-563 | AS REQD. | GLAZING BEAD (SQUARE) | 6063-T5 | - |
| 11 | CGI-562 | AS REQD. | GLASS ADAPTER (COLONIAL) | 6063-T5 | - |
| 11A | CGI-564 | AS REQD. | GLASS ADAPTER (SQUARE) | 6063-T5 | - |
| 12 | CGI-565 | AS REQD. | GLASS ADAPTER (INSUL. LAM. GLASS) | 6063-T6 | - |
| 13 | CGI-585 | 2/ FIX. PANEL | FIX. PANEL BASE, 2" LONG | 6063-T5 | ATTACHED WITH #8 X 3/4" PH PH TEKS |
| 14 | CGI-560 | AS REQD. | STILE REINFORCING | 6063-T6 | LENGTH = DOOR HT. - 14" |
| 15 | CGI-577 | AS REQD. | POCKET DOOR HOOK | 6063-T6 | - |

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

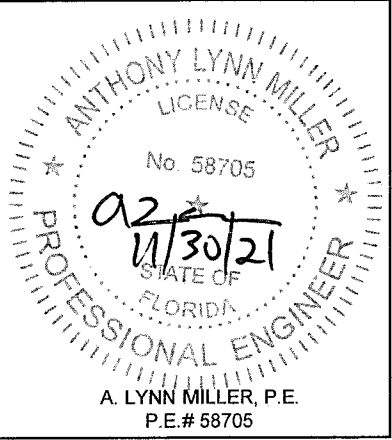
SEALANTS:

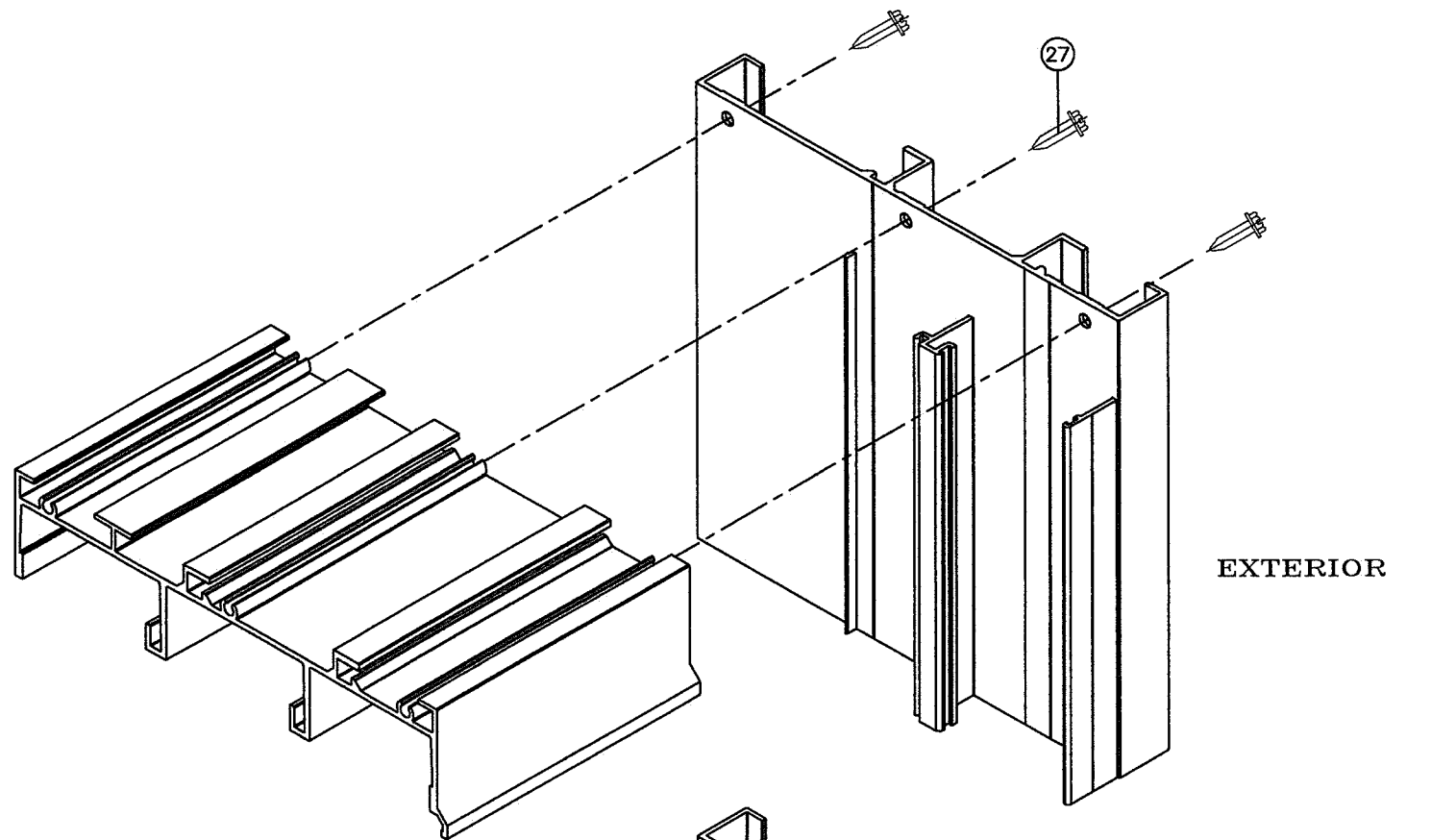
ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH WHITE/ALUM COLORED SILICONE.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1208.06
Expiration Date 06/12/2023
By Isheq I. Chande
Miami-Dade Product Control

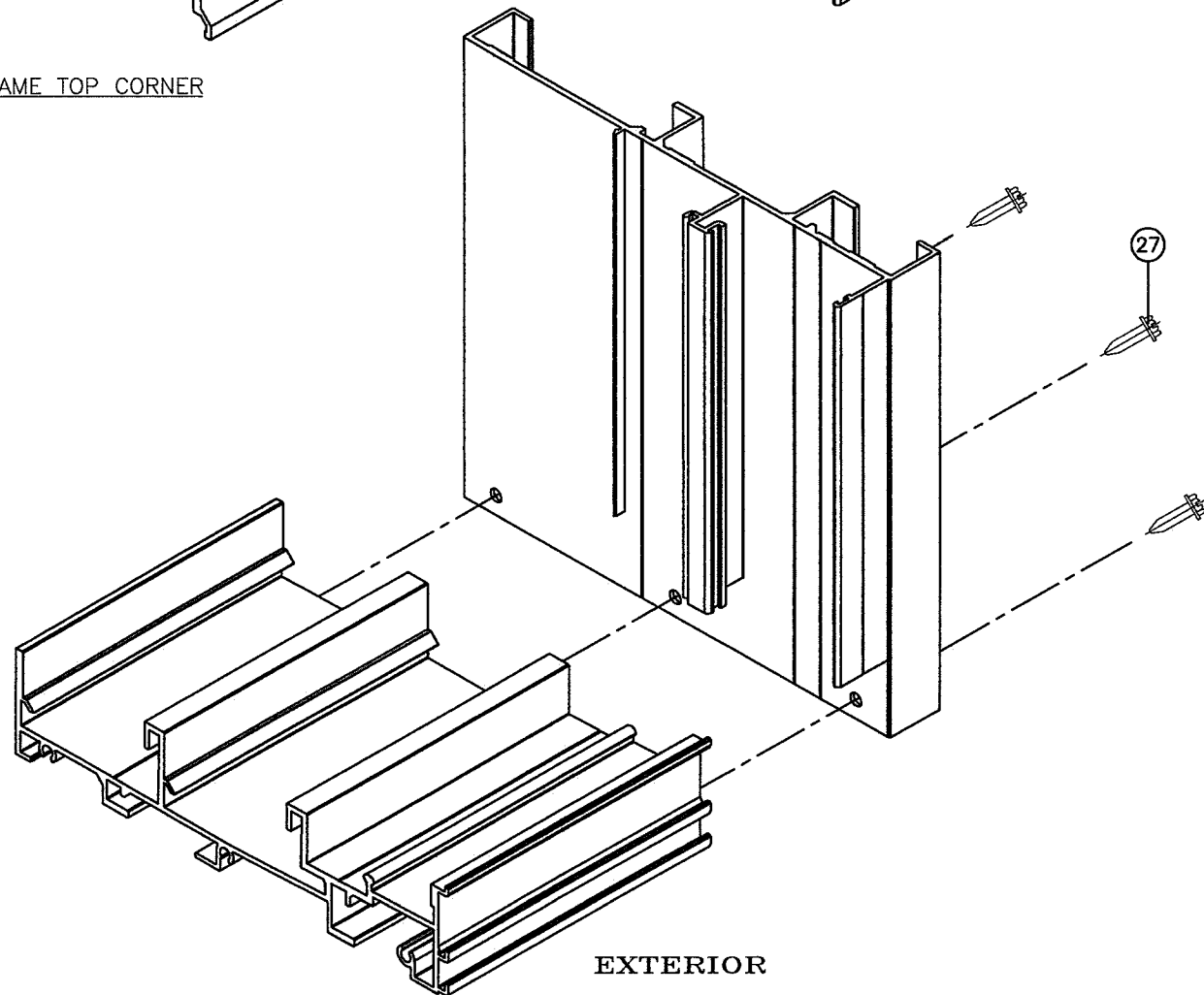
Revision:

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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. |
| | | By | | | |
| | | Drawn | | | |
| | | No. | 560-3T-LM-NOA B | | |
| 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, 3T (LMI) | BILL OF MATERIALS | 3-TRACK, LMI | SGD560A | Sheet |
| | | | | | 16 OF 17 |
| | | | | | Config |
| | | | | | Series |

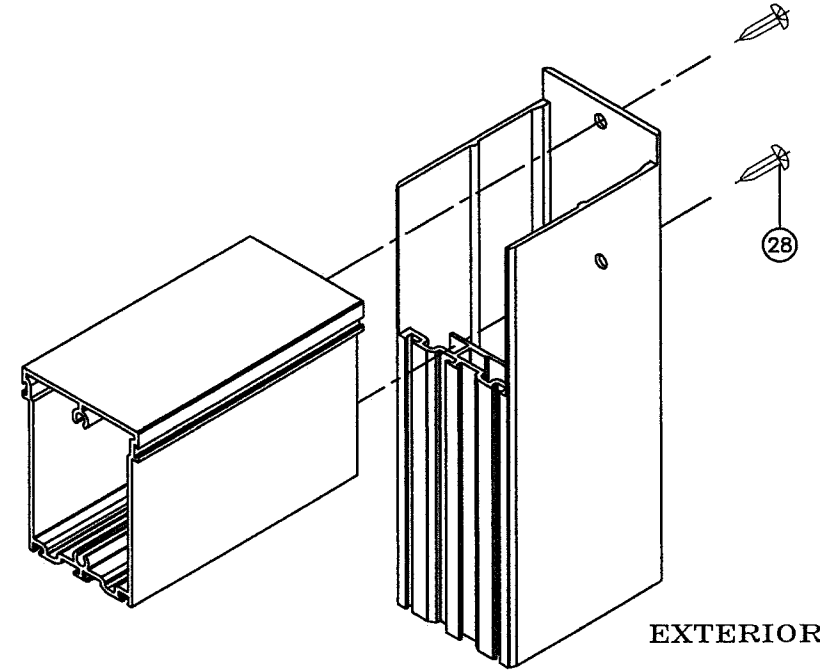




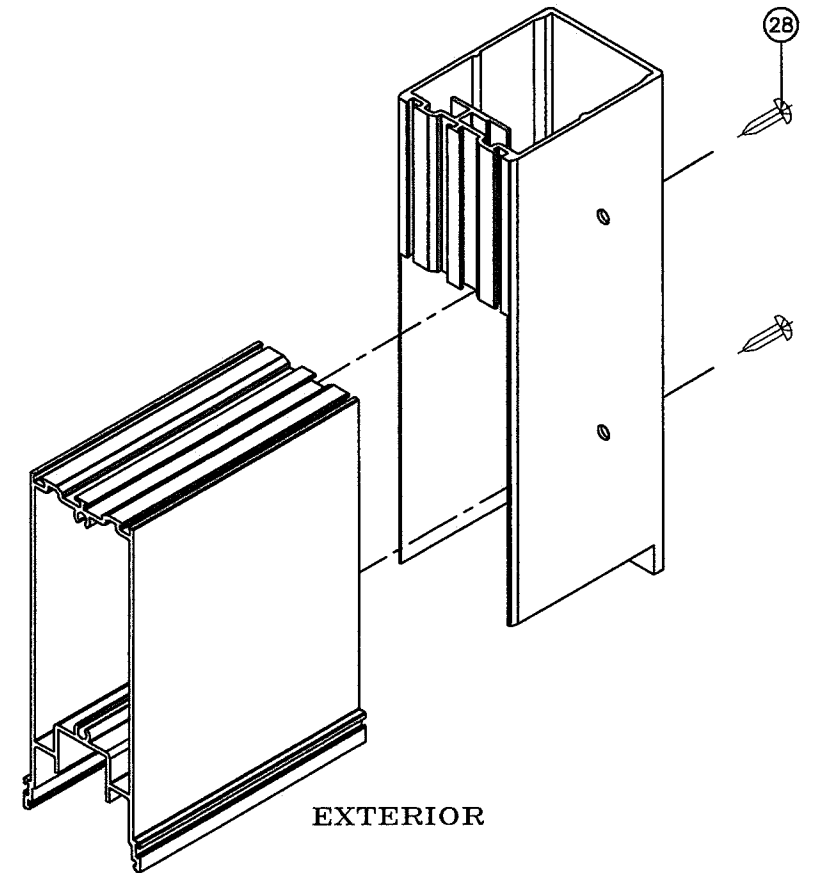
FRAME TOP CORNER



FRAME BOTTOM CORNER



PANEL TOP CORNER



PANEL BOTTOM CORNER

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1208.06
Expiration Date 06/12/2023
By *Ismael L. Chanda*
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-LM-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 (LMI) | CORNER DETAILS | Config SGD560A | Desc. 3-TRACK, LMI | Sheet 17 OF 17 |
| | | | | | |

