

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)

BOARD AND CODE ADMINISTRATION DIVISION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

PRODUCT CONTROL SECTION

www.miamidade.gov/economy

MIAMI-DADE COUNTY

NOTICE OF ACCEPTANCE (NOA)

CGI WINDOWS and DOORS, INC.

3780 W. 103rd Street Hialeah, FL 33018

Scope:

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

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

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

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

APPROVAL DOCUMENT: Drawing No. SGD-2T-SM-NOA Rev A (former W08–21 Rev K), titled Series "560 Aluminum Sliding Glass Door (SMI)", sheets 1 through 15 of 15, prepared by manufacturer, dated 07/20/20, signed and sealed by Lynn Miller, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and Revision date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant **Limitations:**

- 1. Pocket wall is not part of this approval and to be reviewed by AHJ.
- 2. See Design Pressure (DP) table: Sizes Vs glass types and Interlock/lock reinforcing in sheet 4. See Exterior positive DP Vs sill w/ sill Riser rating on sheet 5. See anchor types, clusters, shim space Vs DP capacity in sheets **6 &** 7. Lower capacity shall control for the entire assembly.
- 3. Max 4-panels or less configured SGD w/wo pockets are allowed w/ max 120" door frame Height. See Panel Vs allowable frame width in sheets 2 & 3.

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

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

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

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

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

This NOA revises NOA # 18-1108.06 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 1. Chands

NOA No. 20-0729.03 **Expiration Date: June 26, 2023** Approval Date: October 29, 2020

Page 1

1. Evidence submitted under previous approvals

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- **2.** Drawing No. **W08–21**, titled "Series 560 Alum Sliding Glass Door SMI", sheets 1 through 13 of 13, including sheets 2.1 and 9.1, dated 05/23/08, prepared by Al–Farooq Corporation, with latest revised "G" dated 12/21/15, signed and sealed by Javad Ahmad, P. E.
- B. TESTS (Submitted under NOA(s) #08–0530.01 &# 09–1209.04)
 - 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202–94
 - 4) Small Missile Impact Test per FBC, TAS 201-94
 - 5) Large Missile Impact Test per FBC, TAS 201–94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203–94
 - 7) Forced Entry Test, per FBC, TAS 202-94

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

- 2. 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) Small Missile Impact Test per FBC, TAS 201–94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 7) Forced Entry Test, per FBC, TAS 202–94

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

C. CALCULATIONS

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

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 15-1201.11 issued to Eastman Chemical Company (MA) for their "Saflex Clear and Color Glass Interlayers", expiring on 05/21/2021.
- 2. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers", expiring on 07/08/10

Ishaq I. Chands

F. STATEMENTS (Submitted under file # 15-0302.07)

- 1. Statement letter of conformance to, complying with **FBC** 5th **Edition (2014)**, and of no financial interest, dated 02/25/15, signed and sealed by Javad Ahmad, P. E.
- 2. One-year extension request letter issued by CGI Windows and Doors, Inc., dated 05/30/17, signed by Robert Beaird, P.E.
- 3. Lab Compliance statement, part of above referenced test reports.

G. OTHER

- 1. This NOA revises for 1-year NOA # 15-0302.07, expiring on 06/26/17.
- 2. Test Proposal No. **16-1527** issued by Product Control, dated 12/22/16, signed by Jorge Plasencia, P. E
- 3. BCCO Test proposal #08–1653, approved on 01/28/2009, signed by Ishaq I. Chanda, P.E.
- 4. BCCO Proposals No.'s **07–3001–R** and **07–3001–R–1**, dated 10/23/07 and 01/10/08, both approved and signed by Ishaq Chanda, P. E
- 2. New Evidence submitted.

A. DRAWINGS

- 1. Drawing No. **W08–21**, titled "Series 560 Alum Sliding Glass Door SMI", sheets 1 through 13 of 13, including sheets 2.1 and 9.1, dated 05/23/08, prepared by Al–Farooq Corporation, with latest revised "J" dated 05/03/18, 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

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

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers", expiring on 07/08/1 | Shap I. Chank

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0729.03
Expiration Date: June 26, 2023
Approval Date: October 29, 2020

F. STATEMENTS

1. Statement letter of conformance to **FBC** 6th **Edition (2017)**, and of no financial interest, dated 10/23/17, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHER

- 1. This NOA revises and renews NOA #17-0307.09, expiring on 06/26/23.
- 3. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W08–21 Rev K**, titled Series "560 Aluminum Sliding Glass Door (SMI)", sheets 1 through 13 (inclusive 2.1 and 9.1) of 13, prepared by Al–Farooq Corporation, dated 05/23/08 and last revised on JUN 13, 2019, signed and sealed by Javad Ahmad, P. E.

B. TESTS

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

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

- 2. REF Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC, TAS 202-94

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

- C. CALCULATIONS (submitted under 17-1226.02)
 - 1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 17-0712.05 issued to Eastman Chemical Company (MA) for their "Saflex Clear and Color Glass Interlayers" dated 09/07/17, expiring on 05/21/2021.
- 2. Notice of Acceptance No. 19-0305.02 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers", expiring on 07/08/24.

F. STATEMENTS

3. Statement letter of conformance to **FBC** 6th **Edition (2017)**, and of no financial interest, dated 06/06/19, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA revises NOA # 17-1226.02, expiring 06/26/2023.

Ishaq I. Chands

4. New Evidence submitted

A. **DRAWINGS**

1. Drawing No. **SGD-2T-SM-NOA** Rev **A** (former **W08–21 Rev K**), titled Series "560 Aluminum Sliding Glass Door (SMI)", sheets 1 through 15 of 15, prepared by manufacturer, dated 07/20/20, signed and sealed by Lynn Miller, P. E.

B. TESTS

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

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0729.03
Expiration Date: June 26, 2023
Approval Date: October 29, 2020

E. MATERIAL CERTIFICATIONS

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

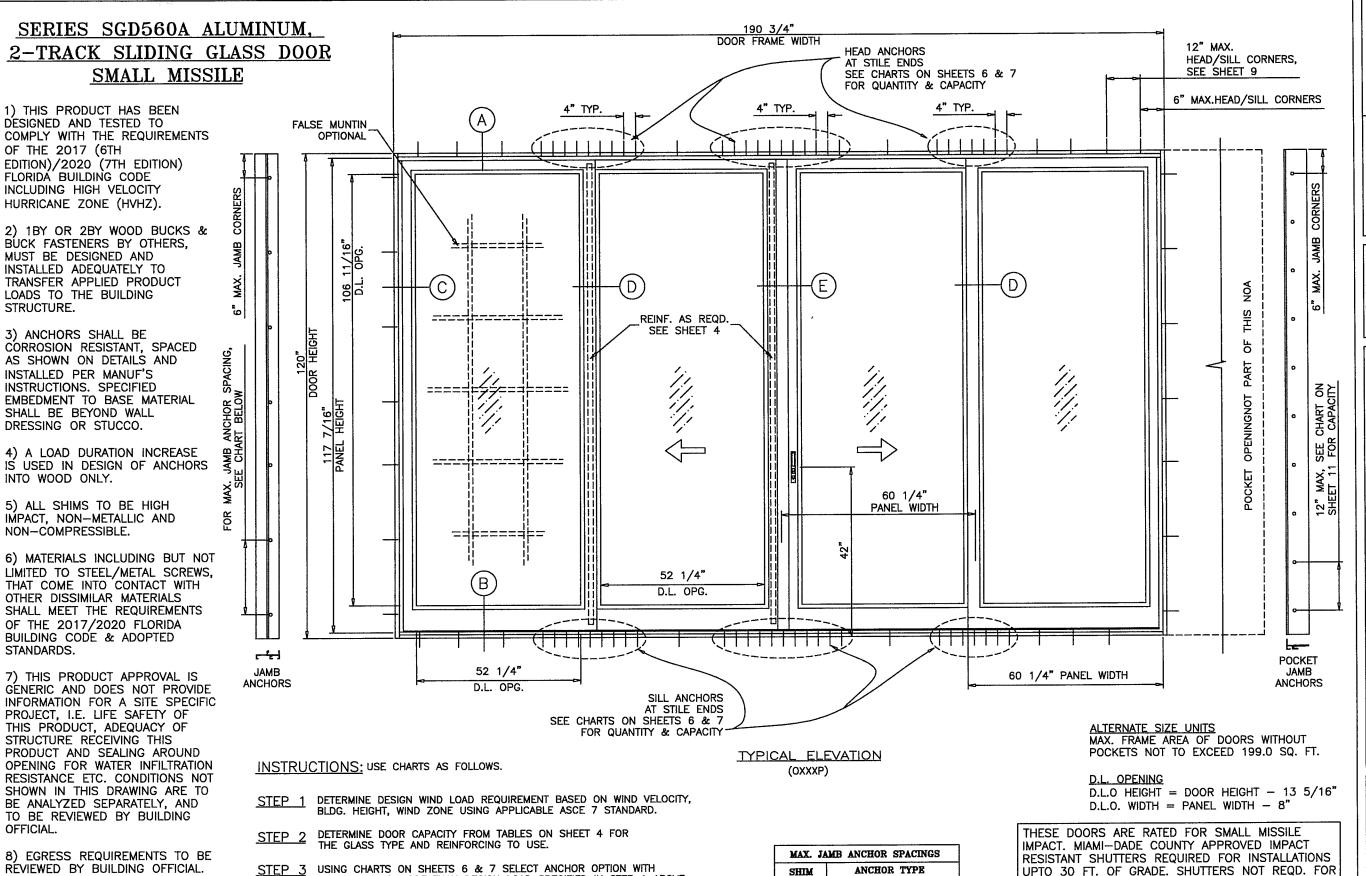
F. STATEMENTS

- 1. Statement letters of conformance to FBC 2020(7th Edition), dated 07/20/20, prepared, signed & sealed by Lynn Miller, P. E.
- 2. Notification of Successor Engineer per the Florida Administrative Code Section 61G15-27.001, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated 07/20/20, signed and sealed by A. Lynn Miller, P.E.

G. 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.

Ishaq I. Chanda



as complying with the Florida Building Code 20-0729.03 NOA-No. **Expiration Date: 06/26/2023** By: _ Ishaq 1. Chande **Miami-Dade Product Control** REVISED FOR 2020 FBC. ADDED GEN. NOTES. ANCHOR TYPE. **BACKBEDDING TYPES &** REFORMATTED - JR - 6/11/20 06/10/2020

PRODUCT REVISED

J ROSOWSKI 560-2T-SM-NOA € Date Draw By 2T (SMI) PREPARED BY / 1070 TECHNOLC N. VENICE, FL 3 (941) 480-1600 DWG. SLIDING GLASS DOOR, **ELEVATION AND GENERAL NOTES**

15

OF

Sheet

2-TRACK, SMI

БіјпоЭ

SGD560A

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

560SGDA ALUM.

77,570NAL

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

USING CHARTS ON SHEETS 6 & 7 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE. STEP 3

STEP 4 FOR SIDE BY SIDE DOORS WITH VERTICAL MULLION SELECT 2X6 OR 2X8 TUBE FROM CHART ON SHEET 12 WITH LOAD RATING HIGHER THAN (IF REQUIRED) REQUIRED. SELECT ANCHORS AS PER STEP 3.

THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

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

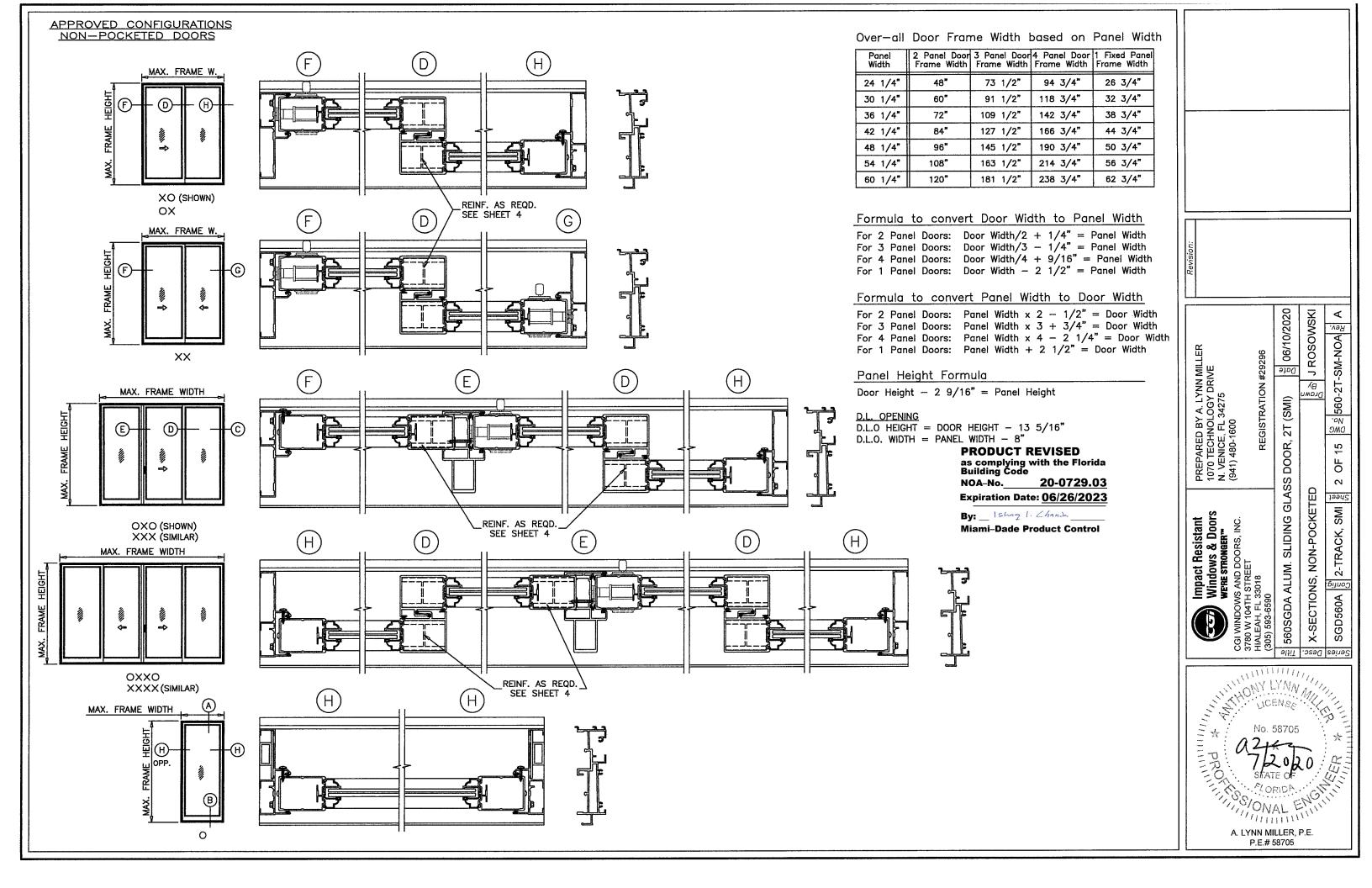
INSTALLATIONS UP TO 30 FT. OF GRADE.

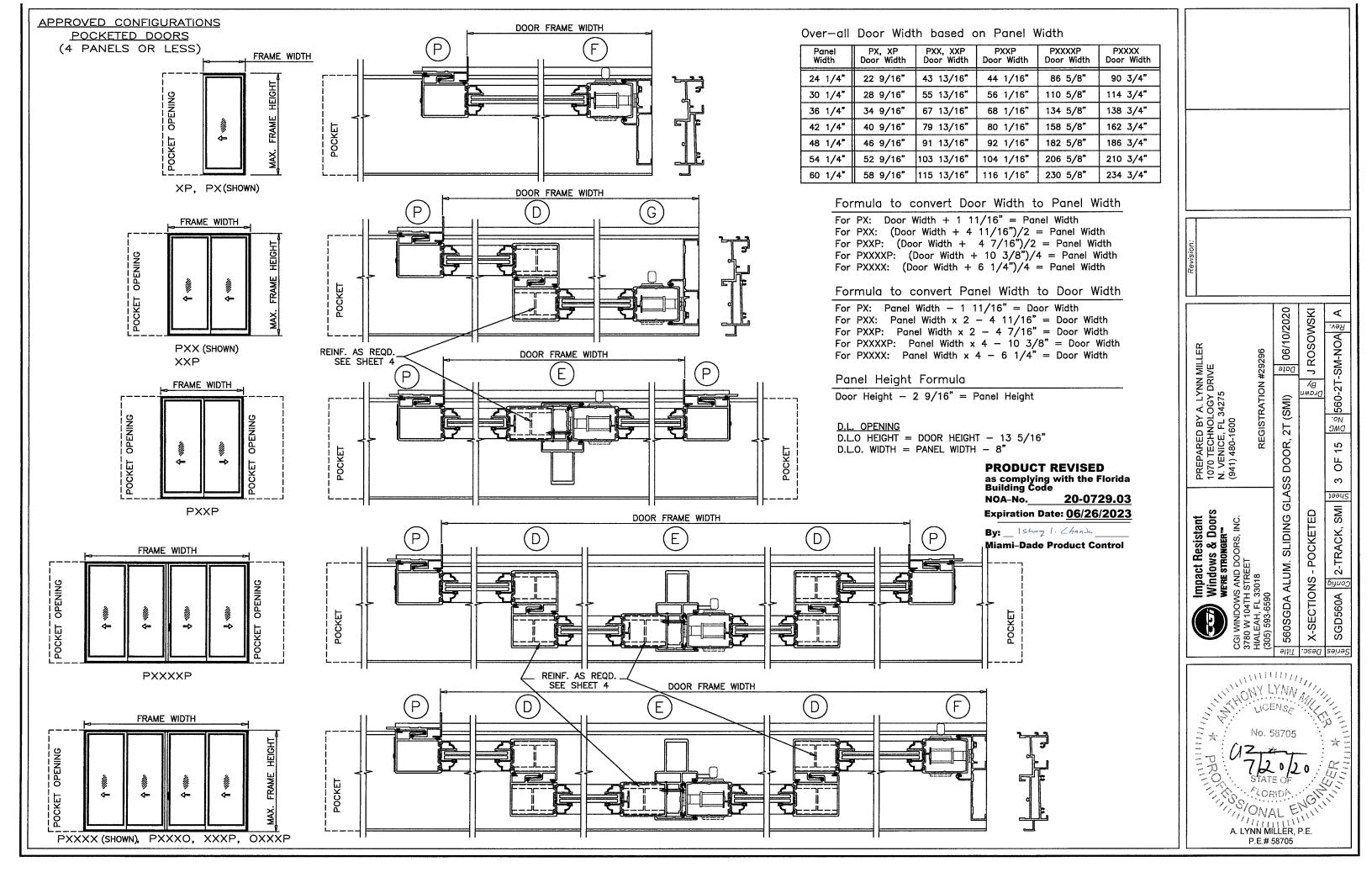
LAMINATED GLASS AND

SMALL MISSILE IMPACT

LAMINATED INSULATING GLASS

9-1/4" 1/2" 9-1/4" _





	DES	IGN LOAI	CAPACI	TY - PS	F (GLASS)	
		GLASS		GLASS		GLASS	
PANEL WIDTH	DOOR HEIGHT		r REINF.	WITH	REINF.	-	REINF.
INCHES	INCHES	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24-1/4		80.0	80.0	120.0	140.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0	120.0	140.0
42-1/4	•	80.0	80.0	120.0	140.0	120.0	140.0
44-1/4	80	80.0	80.0	120.0	140.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0	120.0	140.0
48-1/4 50-1/4		80.0 76.8	80.0 76.8	120.0 115.2	140.0	120.0 115.2	140.0 134.4
52-1/4		73.9	73.9	110.8	129.3	110.8	129.3
54-1/4		71.2	71.2	106.7	124.5	106.7	124.5
56-1/4		68.6	68.6	105.0	120.1	102.9	120.1
58-1/4		66.3	66.3	105.0	116.0	99.4	116.0
60-1/4		64.1	64.1	105.0	112.1	96.1	112.1
24-1/4		80.0	80.0	120.0	140.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0	120.0	140.0
42-1/4		80.0	80.0	120.0	140.0	120.0	140.0
44-1/4	84	80.0	80.0	120.0	140.0	120.0	140.0
46-1/4	-	80.0	80.0	120.0	140.0	120.0	140.0
48-1/4		80.0	80.0	120.0	140.0	120.0	140.0
50-1/4		76.8	76.8	115.2	134.4	115.2	134.4
52-1/4		73.9	73.9	110.8	129.3	110.8	129.3
54-1/4		71.2	71.2	106.7	124.5	106.7	124.5
56-1/4 58-1/4		68.6 66.3	68.6 66.3	105.0 105.0	120.1	102.9 99.4	120.1 116.0
60-1/4		6 4 .1	64.1	105.0	112.1	96.1	112.1
24-1/4		80.0	80.0	120.0	140.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0	120.0	140.0
39-1/4	İ	80.0	80.0	120.0	140.0	120.0	140.0
42-1/4		80.0	80.0	120.0	140.0	120.0	140.0
44-1/4	90	80.0	80.0	120.0	140.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0	120.0	140.0
48-1/4	ļ	80.0	80.0	120.0	140.0	120.0	140.0
50-1/4		76.8	76.8	115.2	134.4	115.2	134.4
52-1/4		73.9	73.9	110.8	129.3	110.8	129.3
54-1/4 56-1/4		71.2	71.2	106.7	124.5	106.7	124.5
56-1/4 58-1/4		68.6 66.3	68.6	105.0	120.1	102.9 99.4	120.1 116.0
60-1/4		64.1	66.3 64.1	105.0	112.1	96.1	112.1
24-1/4	<u> </u>	80.0	80.0	120.0	140.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0	120.0	140.0
42-1/4		80.0	80.0	120.0	140.0	120.0	140.0
44-1/4	96	80.0	80.0	120.0	140.0	120.0	140.0
46-1/4	"	80.0	80.0	120.0	140.0	120.0	140.0
48-1/4		80.0	80.0	120.0	140.0	120.0	140.0
50-1/4		76.8	76.8	115.2	134.4	115.2	134.4
52-1/4		73.9	73.9	110.8	129.3	110.8	129.3
54-1/4		71.2	71.2	106.7	124.5	106.7	124.5
56-1/4		68.6	68.6	105.0	120.1	102.9	120.1
58-1/4		66.3	66.3	105.0	116.0	99.4	116.0
60-1/4	l	64.1	64.1	105.0	112.1	96.1	112.1

,	DES	IGN LOAI	CAPACI	TY - PS	F (GLASS)	
		GLASS		GLASS		GLASS	
DANE 148001	2002 1151015	'3' &	'3A' reinf.		REINF.		REINF.
INCHES	DOOR HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24-1/4		80.0	80.0	120.0	140.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0	120.0	140.0
42-1/4		80.0	80.0	120.0	140.0	120.0	140.0
44-1/4	99	80.0	80.0	120.0	140.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0	120.0	140.0
48-1/4		80.0	80.0	120.0	140.0	120.0	140.0
50-1/4		76.8	76.8	115.2	134.4	115.2	134.4
52-1/4		73.9	73.9	110.8	129.3	110.8	129.3
54-1/4		71.2	71.2	106.7	124.5	106.7	124.5
56-1/4		68.6	68.6	105.0	120.1	102.9	120.1
58-1/4		66.3	66.3	105.0	116.0	99.4	116.0
60-1/4	-		-	105.0	105.0	100.0	140.0
24-1/4		80.0	80.0	120.0	140.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0	120.0	140.0
33-1/4 36-1/4	1	80.0	80.0 80.0	120.0	140.0	120.0 120.0	140.0
39-1/4		80.0	80.0	120.0	140.0	120.0	140.0
42-1/4		80.0 80.0	80.0	120.0	140.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0	120.0	140.0
46-1/4	102	80.0	80.0	120.0	140.0	120.0	140.0
48-1/4		80.0	80.0	120.0	140.0	120.0	140.0
50-1/4		76.8	76.8	115.2	134.4	115.2	134.4
52-1/4		73.9	73.9	110.8	129.3	110.8	129.3
54-1/4		71.2	71.2	106.7	124.5	106.7	124.5
56-1/4		-	-	105.0	120.1		
58-1/4			_	105.0	105.0	_	_
60-1/4		_	-	105.0	105.0	-	-
24-1/4		80.0	80.0	120.0	140.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0	120.0	140.0
42-1/4		80.0	80.0	120.0	140.0	120.0	140.0
44-1/4	105	80.0	80.0	120.0	140.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0	120.0	140.0
48-1/4		80.0	80.0	120.0	140.0	120.0	140.0
50-1/4 52-1/4]	76.8	76.8	115.2	134.4	115.2	134.4
52-1/4 54-1/4		73.9 71.2	73.9 71.2	110.8	129.3 124.5	110.8 106.7	129.3 124.5
56-1/4]		71.2	105.0	105.0	-	-
58-1/4		_	-	105.0	105.0	-	-
60-1/4				105.0	105.0	_	_
24-1/4		80.0	80.0	120.0	140.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0	120.0	140.0
42-1/4		80.0	80.0	120.0	140.0	120.0	140.0
44-1/4	108	80.0	80.0	120.0	140.0	120.0	140.0
46-1/4	'00	80.0	80.0	120.0	140.0	120.0	140.0
48-1/4		80.0	80.0	120.0	140.0	120.0	140.0
50-1/4		76.8	76.8	115.2	134,4	115.2	134.4
52-1/4		73.9	73.9	110.8	129.3	110.8	129.3
54-1/4				105.0	105.0		
56-1/4	1			105.0	105.0		
58-1/4		-	_	105.0	105.0	 -	
60-1/4	<u></u>	_	_	105.0	105.0		

	DE	SIGN LO	AD CAPAC	NTY - P	SF (GLAS	S)	
		GLASS '3' &	1	GLASS		GLASS '3.	
PANEL WIDTH	DOOR HEIGHT	WITHOUT	REINF.	WITH	REINF.	WITH	REINF.
INCHES	INCHES	EXT.(+)	INT.()	EXT.(+)	INT.()	EXT.(+)	INT.(-)
24-1/4		80.0	80.0	120.0	140.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0	120.0	140.0
42-1/4		80.0	80.0	120.0	140.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0	120.0	140.0
46-1/4	111	80.0	80.0	120.0	140.0	120.0	140.0
48-1/4		80.0	80.0	120.0	140.0	120.0	140.0
50-1/4		76.8	76.8	115.2	134.4	115.2	134.4
52-1/4			_	105.0	105.0	_	_
54-1/4			_	105.0	105.0	_	
56-1/4			ļ <u>.</u>	105.0	105.0		
58-1/4				104.0	104.0		
•							<u> </u>
60-1/4		80.0	80.0	102.0	102.0	120.0	140.0
24-1/4		80.0	80.0	120.0	140.0	120.0	140.0
30-1/4	1	80.0	80.0	120.0	140.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0	120.0	140.0
42-1/4		80.0	80.0	120.0	140.0	120.0	140.0
44-1/4	114	80.0	80.0	120.0	140.0	120.0	140.0
46-1/4	''*	80.0	80.0	120.0	140.0	120.0	140.0
48-1/4		80.0	80.0	120.0	140.0	120.0	140.0
50-1/4		76.8	76.8	115.2	134.4	115.2	134.4
52-1/4		_		105.0	105.0	_	_
54-1/4	1	_	_	105.0	105.0	_	
56-1/4			_	104.0	104.0		 _
58-1/4	1			101.0	101.0	- -	
60-1/4		-		99.5	99.5		
	 	80.0	P0 0	120.0	140.0	120.0	140.0
24-1/4		80.0	80.0		 	 	
30-1/4		80.0	80.0	120.0	140.0	120.0	140.0
33-1/4	1	80.0	80.0	120.0	140.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0	120.0	140.0
42-1/4		80.0	80.0	120.0	140.0	120.0	140.0
44-1/4	117	80.0	80.0	120.0	140.0	120.0	140.0
46-1/4		80.0	80.0	120.0	140.0	120.0	140.0
48-1/4		80.0	80.0	120.0	140.0	120.0	140.0
50-1/4				105.0	105.0		
52-1/4	-			105.0	105.0		<u> </u>
54-1/4				105.0	105.0	-	
56-1/4				102.0	102.0		
58-1/4				99.2	99.2		
60-1/4		_		96.7	96.7		
24-1/4		80.0	80.0	120.0	140.0	120.0	140.0
30-1/4		80.0	80.0	120.0	140.0	120.0	140.0
33-1/4		80.0	80.0	120.0	140.0	120.0	140.0
36-1/4		80.0	80.0	120.0	140.0	120.0	140.0
39-1/4		80.0	80.0	120.0	140.0	120.0	140.0
42-1/4		80.0	80.0	120.0	140.0	120.0	140.0
44-1/4		80.0	80.0	120.0	140.0	120.0	140.0
46-1/4	120	80.0	80.0	120.0	140.0	120.0	140.0
			 		· · · · · · · · · · · · · · · · · · ·		
48-1/4		80.0	80.0	120.0	140.0	120.0	140.0
50-1/4				105.0	105.0	-	-
52-1/4]	<u> </u>		105.0	105.0	- -	<u> </u>
54-1/4			<u> </u>	103.0	103.0		<u> </u>
56-1/4				100.0	100.0	<u> </u>	
	1	i –	-	97.2	97.2	-	-
58-1/4	1		ļ				

GLASS CAPACITY **CHARTS**

NOTES: CAPACITIES SHOWN IN CHART ARE FOR DOORS USING 4-1/4" SILL RISER. APPROPRIATE SILL RISER TO BE SELECTED FOR MAX. POSITIVE DESIGN PRESSURE, SEE DETAILS ON SHEET 5.

OBTAIN ANCHOR TYPE AND CONFIGURATION TO USE FROM ANCHOR CHARTS ON SHEETS 6 & 7.

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

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

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

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-0729.03

Expiration Date: 06/26/2023

By: _ Ishaq 1. Chands Miami-Dade Product Control

06/10/2020 J ROSOWSKI 560-2T-SM-NOA € Date VВ

No.

15 OF. 4 Sheet

2-TRACK, SMI

SGD560A

DP FOR ALL GLASS TYPES

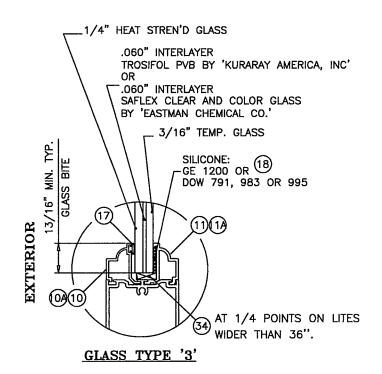
Y A. LYNN MILL LOGY DRIVE . 34275 PREPARED BY *1* 1070 TECHNOLC N. VENICE, FL 34 (941) 480-1600

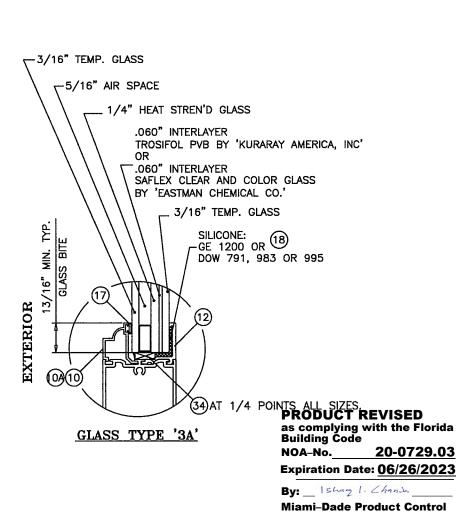
560SGDA ALUM. SLIDING GLASS DOOR, 2T (SMI) Impact Resistant
Windows & Doors
WERE STRONGERT
WAS AND DOORS, INC.
TH STREET
COORS.

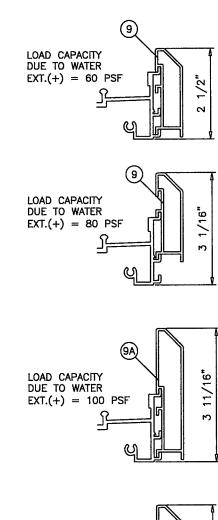
Series Desc. Title

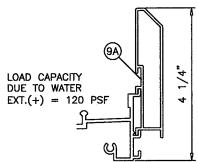
A. LYNN MILLER, P.E. P.E.# 58705

GLAZING OPTIONS

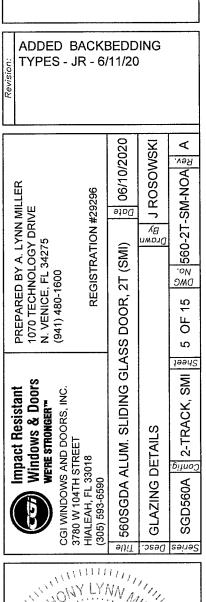








LOAD CAPACITIES SHOWN IN CHART ON SHEET 4 ARE FOR DOORS USING 4-1/4" SILL HEIGHTS. FOR DOORS USING LOWER SILL HEIGHTS LIMIT EXTERIOR(+) LOADS AS SHOWN ABOVE.



No. 5
TROPINGE

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

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).

		ANGE	TODO MY			OAD CAF						izon / /	0. (53)	43707	ORS TY	on tot	
	1		ORS TY		1	EMIN B.		TYPE 'A			CHORS T						
			SHIM SI		1/4"			SHIM S					E	1/4" SHIM SPACE CLUSTER OF			
PANEL WIDTH INCHES	DOOR HEIGHT		USTER OF	,	CLUST	·		USTER OF				TER OF	44	 	r		
	INOTIES .	5	7	9	5	7	5	7	9	5	7	9	11	5	7	8	
24-1/4		140.0	4400	<u> </u>	140.0		140.0		<u> </u>	140.0	-		<u> </u>	140.0	-		
30-1/4		140.0	140.0	<u> </u>	140.0	140.0	140.0	140.0		122.3	140.0			140.0	140.0		
36-1/4		140.0	140.0	- -	140.0	140.0	140.0	140.0		122.5 105.1	140.0	<u> </u>	<u> </u>	140.0	140.0	_	
42-1/4 48-1/4	80	130.3	140.0	140.0	140.0	140.0	116.9	140.0	140.0	92.0	140.0	140.0	140.0	140.0	140.0	140.0	
54-1/4		115.9	124.5	124.5	124.5	124.5	104.0	124.5	124.5	81.9	109.1	124.5	124.5	124.5	124.5	124.5	
60-1/4		104.3	112.1	112.1	112.1	112.1	93.6	112.1	112.1	73.7	98.3	112.1	112.1	112.1	112.1	112.1	
24-1/4		140.0	-	112.1	140.0	-	140.0	112.1		140.0	90.3	-	-	140.0	-	-	
30-1/4		140.0	140.0		140.0	140.0	140.0	140.0		116.5	140.0			140.0	140.0		
36-1/4		140.0	140.0		140.0	140.0	140.0	140.0	_	116.7	140.0	_	_	140.0	140.0		
42-1/4	84	140.0	140.0	<u> </u>	140.0	140.0	127.1	140.0	<u> </u>	100.1	133.5	<u> </u>	<u> </u>	140.0	140.0		
48-1/4	04	124.1	140.0	140.0	140.0	140.0	11.3	140.0	140.0	87.7	116.9	140.0	140.0	136.2	140.0	140.0	
54-1/4	İ	110.3	124.5	124.5	124.5	124.5	99.0	124.5	124.5	78.0	104.0	124.5	124.5	121.2	124.5	124.5	
60-1/4		99.4	112.1	112.1	112.1	112.1	89.1	112.1	112.1	70.2	93.6	112.1	112.1	109.1	112.1	112.1	
24-1/4		140.0	_ 112.1		140.0	-	140.0	-	-	135.7	- 93.6	-	-	140.0	112.1 -	-	
30-1/4		140.0	140.0	 	140.0	140,0	138.1	140.0		108.7	140.0	_		140.0	140.0		
36-1/4		140.0	140.0		140.0	140.0	138.3	140.0		108.7	140.0	<u> </u>	-	140.0	140.0		
42-1/4	90	132.2	140.0	-	140.0	140.0	118.7	140.0		93.4	124.6	 	 	140.0	140.0		
48-1/4	90	115.8	140.0	140.0	140.0	140.0	103.9	138.5	140.0	81.8	109.1	136.4	140.0	127.1	140.0	140.0	
54-1/4		103.0	124.5	124.5	124.5	124.5	92.4	123.2	124.5	72.8	97.0	121.3	121.3	113.1	124.5	124.5	
60-1/4		92.7	112.1	112.1	112.1	112.1	83.2	110.9	112.1	65.5	87.4	109.2	112.1	101.8	112.1	112.1	
24-1/4		140.0			140.0	_	140.0	1.0.3		127.2		- 103.2		140.0		_	
30-1/4		140.0	140.0		140.0	140.0	129.5	140.0		102.0	140.0	-		140.0	140.0		
36-1/4	į .	140.0	140.0	<u> </u>	140.0	140.0	129.6	140.0		102.1	136.1		<u> </u>	140.0	140.0	_	
42-1/4	96	124.0	140.0		140.0	140.0	111.2	140.0	_	87.6	116.8	<u> </u>	_	136.1	140.0		
48-1/4	30	108.6	140.0	140.0	132.1	140.0	97.4	129.9	140.0	76.7	102.3	127.8	140.0	119.2	140.0	140.0	
54-1/4		96.6	124.5	124.5	117.5	124.5	86.6	115.5	124.5	68.2	91.0	113.7	124.5	106.0	124.5	124.5	
60-1/4		86.9	112.1	112.1	105.8	112.1	78.0	104.0	112.1	61.4	81.9	102.4	112.1	95.5	112.1	112.1	
24-1/4		140.0			140.0		140.0			119.7				140.0			
30-1/4		135.8	140.0	_	140.0	140.0	121.9	140.0	_	96.0	134.3		_	140.0	140.0	_	
36-1/4		136.0	140.0	-	140.0	140.0	122.0	140.0		96.1	128.1	<u> </u>		140.0	140.0	_	
42-1/4	102	116.7	140.0	_	140.0	140.0	104.7	139.6	_	82.4	109.9	_	_	128.1	140.0		
48-1/4		102.2	136.2	140.0	124.3	140.0	91.7	122.2	140.0	72.2	96.3	120.3	140.0	112.2	140.0	140.0	
54-1/4		90.9	121.2	124.5	110.5	124.5	81.5	108.7	124.5	64.2	85.6	107.0	124.5	99.8	124.5	124.5	
60-1/4		81.8	105.0	105.0	99.5	105.0	73,4	97.9	105.0	57.8	77.1	96.4	105.0	89.8	105.0	105.0	
24-1/4		140.0	_	_	140.0	_	140.0		 	113.0		_	-	140.0		_	
30-1/4		128.3	140.0	_	140.0	140.0	115.1	140.0		90.6	126.9	_	_	140.0	140.0	_	
36-1/4		128.4	140.0	-	140.0	140.0	115.2	140.0	_	90.7	121.0	_	_	140.0	140.0	_	
42-1/4	108	110.2	140.0	_	134.1	140.0	98.9	131.8	_	77.9	103.8	-	-	121.0	140.0	_	
48-1/4		96.5	128.7	140.0	117.4	140.0	86.6	115.4	140.0	68.2	90.9	113.6	136.4	105.9	140.0	140.0	
54-1/4		85.8	105.0	105.0	104.4	105.0	77.0	102.7	105.0	60.6	80.9	101.0	105.0	94.2	105.0	105.0	
60-1/4		77.3	103.0	105.0	94.0	105.0	69.3	92.5	105.0	54.6	72.8	91.0	105.0	84.8	105.0	105.0	
24-1/4		140.0	_		140.0	_	136.0	_	_	107.1		_	_	140.0	_	-	
30-1/4		121.5	140.0	-	140.0	140.0	109.0	140.0		85.9	120.2	_	-	133.4	140.0	_	
36-1/4		121.7	140.0	_	140.0	140.0	109.2	140.		86.0	114.6	. –	_	133.6	140.0		
42-1/4	114	104.4	139.2	-	127.0	140.0	93.7	124.9	_	73.8	98.3	_	_	114.6	140.0	_	
48-1/4		91.4	121.9	140.0	111.2	140.0	82.0	109.4	136.7	64.6	86.1	107.6	1292	100.4	133.8	140.0	
54-1/4		81.3	105.0	105.0	98.9	105.0	73.0	97.3	105.0	57.4	76.6	95.7	105.0	89.3	105.0	105.0	
60-1/4		73.2	97.6	105.0	89.1	105.0	65.7	87.6	105.0	51.7	69.0	86.2	103.5	80.4	105.0	105.0	
24-1/4		140.0	_	_	140.0	_	129.2		_	101.7	_	-		140.0	-	-	
30-1/4		115.4	140.0	_	140.0	140.0	103.6	140.0	_	816	114.2	-	_	126.7	140.0		
36-1/4		115.6	140.0	_	140.0	140.0	103.7	138.3	-	81.7	108.9			126.9	140.0	_	
42-1/4	120	99.2	132.2	-	120.7	140.0	89.0	118.7	_	70.1	93.4	_	_	106.9	140.0	_	
48-1/4		86.8	115.8	140.0	105.6	140.0	77.9	103.9	129.9	61.4	81.8	102.3	122.7	95.4	127.1	140.0	
54-1/4		77.2	103.0	105.0	94.0	105.0	69.3	92.4	105.0	54.6	72.8	91.0	105.0	84.8	105.0	105.0	
60-1/4		69.6	92.7	105.0	84.6	105.0	62.4	83.2	104.0	49.1	65.5	81.9	98.3	76.4	101.8	105.0	

NOTE: SEE SHEET 9 FOR ANCHOR TYPES

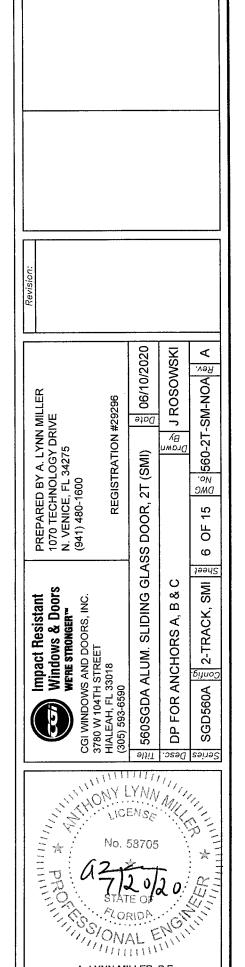
AND DETAILS.

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

LOWER APPLICABLE VALUES CONTROL.

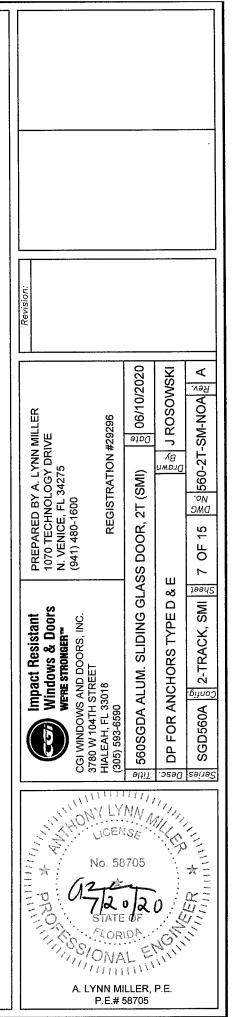
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0729.03
Expiration Date: 06/26/2023

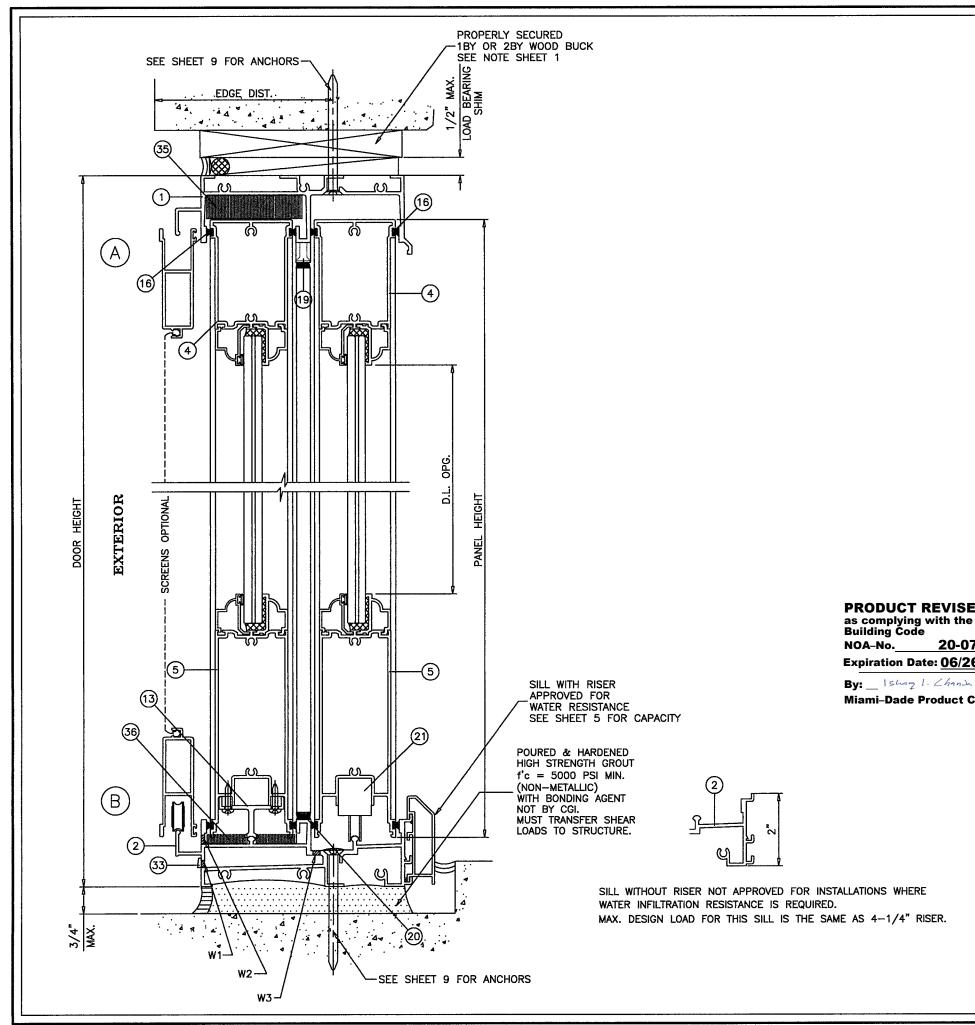
By: _ Ishaq I. Chank. ______
Miami-Dade Product Control



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

	·	Г					<u>_</u>	NCHORS		,				NOTE:
			ORS TY		L			TYPE 'D		ANCHORS TYPE 'D' & 'E' 1/2" SHIM SPACE				SEE SHEET 9 FOR ANCHOR TYPES
			SHIM SI		1/4"			SHIM S		ļ			E	AND DETAILS.
PANEL WIDTH INCHES	DOOR HEIGHT INCHES		USTER OF	г	CLUSTI		 	USTER OF	г —	<u></u>	CLUS	TER OF	1 44	ANCHOR CAPACITIES LISTED ON THIS
24-1/4	11101123	5 140.0	7	9	5 140.0	7	5 140.0	7 -	9	140.0		9	11	SHEET TO BE USED IN CONJUNCTION
30-1/4		140.0	140.0		140.0	140.0	140.0	140.0	_	117.3	140.0		-	WITH GLASS/REINFORCING AND MULLI
36-1/4	İ	140.0	140.0		140.0	140.0	140.0	140.0	_	117.4	140.0			CHARTS IN THIS DOCUMENT.
42-1/4	80	140.0	140.0	 _	140.0	140.0	128.8	140.0		100.8	134.4	_		LOWER APPLICABLE VALUES CONTROL
48-1/4	55	127.6	140.0	140.0	140.0	140.0	112.8	140.0	140.0	88.2	117.6	140.0	140.0	
54-1/4		113.5	124.5	124.5	124.5	124.5	100.3	124.5	124.5	78.5	104.6	124.5	124.5	1
60-1/4		102.2	112.1	112.1	112.1	112.1	90.3	112.1	112.1	70.7	94.2	112.1	112.1	
24-1/4		140.0		_	140.0	_	140.0			139.3	_	_		
30-1/4		140.0	140.0	_	140.0	140.0	140.0	140.0		111.7	140.0	_	-	
36-1/4		140.0	140.0		140.0	140.0	140.0	140.0	_	11.9	140.0			
42-1/4	84	138.8	140.0		140.0	140.0	122.7	140.0		96.0	128.0			
48-1/4		121.5	140.0	140.0	140.0	140.0	107.4	140.0	140.0	84.0	112.0	140.0	140.0	
54-1/4		108.1	124.5	124.5	124.5	124.5	95.6	124.5	124.5	74.7	99.7	124.5	124.5	<u> </u>
60-1/4		97.3	112.1	112.1	112.1	112.1	86.0	112.1	112.1	67.3	89.7	112.1	112.1	
24-1/4		140.0		<u> </u>	140.0		140.0			130.0	-			-
30-1/4		140.0	140.0	<u> </u>	140.0	140.0	133.3	140.0		104.3	140.0		-	
36-1/4		140.0	140.0	_	140.0	140.0	133.5	140.0	_	104.4	139.2			-
42-1/4	90	129.5	140.0	140.0	140.0 133.7	140.0	114.5	140.0	140.0	89.6 78.4	119.4	130.7	140.0	-
48-1/4 54-1/4		113.4	140.0 124.5	140.0	118.9	140.0 124.5	100.3 89.2	118.9	124.5	69.8	93.0	116.3	124.5	
60-1/4		90.8	112.1	112.1	107.1	112.1	80.3	107.1	112.1	62.8	83.7	104.7	112.1	
24-1/4		140.0			140.0	-	140.0		-	121.9	- 55.7	104.7	-	
30-1/4		140.0	140.0	-	140.0	140.0	125.0	140.0	_	97.7	136.8		 	
36-1/4		140.0	140.0	 	140.0	140.0	125.1	10.0		97.9	130.5	 	 	-
42-1/4	96	121.4	140.0	 	140.0	140.0	107.4	140.0	_	84.0	112.0		 _	1
48-1/4		106.3	10.0	140.0	125.3	140.0	94.0	125.3	140.0	73.5	98.0	122.5	140.0	1
54-1/4		94.6	124.5	124.5	111.5	124.5	83.6	111.5	124.5	65.4	87.2	109.0	124.5	1
60-1/4		85.1	112.1	112.1	100.4	112.1	75.3	100.4	112.1	58.9	78.5	98.1	112.1	1
24-1/4		140.0	_	 	140.0	-	140.0	_	_	114.7	_	-	-]
30-1/4		133.0	140.0	_	140.0	140.0	117.6	140.0	_	92.0	128.8	_	_	
36-1/4		133.2	140.0	_	140.0	140.0	117.8	140.0	-	92.1	122.8			PRODUCT REVISED
42-1/4	102	114.3	140.0	_	134.7	140.0	101.0	134.7	_	79.0	105.4			as complying with the Florida Building Code
48-1/4		100.1	133.4	140.0	118.0	140.0	88.5	118.0	140.0	69.2	92.3	115.3	138.4	NOA-No. 20-0729.03
54-1/4		89.0	118.7	124.5	104.9	124.5	78.7	104.9	124.5	61.6	82.1	102.6	123.1	Expiration Date: 06/26/2023
60-1/4		80.1	105.0	105.0	94.5	105.0	70.9	94.5	105.0	55.4	73.9	92.4	105.0	<u> </u>
24-1/4		140.0			140.0		138.6	_	_	108.4			-	щ By: _ Ishaq I. Chanda
30-1/4		125.6	140.0	 	140.0	140.0	111.1	140.0	_	86.9	121.6	 		ਜ਼ Miami-Dade Product Control
36-1/4 42-1/4	100	125.8 107.9	140.0	-	140.0 127.2	140.0	111.2 95.4	140.0	_	87.0 74.6	116.0 99.5	-	<u> </u>	Miami-Dade Product Control
48-1/4	108	94.5	126.0	140.0	111.4	140.0	83.6	111.4	139.3	65.4	87.1	108.9	130.7	9
54-1/4		84.1	105.0	105.0	99.1	105.0	74.3	99.1	105.0	58.1	77.5	86.9	105.0	-
60-1/4		75.7	100.9	105.0	89.2	105.0	66.9	89.2	105.0	52.3	69.8	87.2	104.7	HEIGHTS
24-1/4		140.0	-	-	140.0	_	131.3			102.7	_		-	1 🛱
30-1/4		119.0	140.0		140.0	140.0	105.2	140.0	_	82.3	115.2	_	 -	-I
36-1/4		119.2	140.0	 _	140.0	140.0	105.4	140.0	_	82.4	109.9	-	_	AN
42-1/4	114	102.2	136.3	_	120.5	140.0	90.4	120.5	-	70.7	94.3	_	_] <u>&</u>
48-1/4		89.5	119.4	140.0	105.6	140.0	79.2	105.6	131.9	61.9	82.6	103.2	123.8	N L L L L L L L L L L L L L L L L L L L
54-1/4		79.6	105.0	105.0	93.9	105.0	70.4	93.9	105.0	55.1	73.4	91.8	105.0	
60-1/4		71.7	95.6	105.0	84.5	105.0	63.4	84.5	105.0	49.6	66.1	82.6	99.2	BETWEEN
24-1/4		140.0		_	140.0	_	124.7			97.5		-	-	<u> E</u>
30-1/4		113.1	140.0	-	133.3	140.0	100.0	140.0	_	78.2	109.5			4
36-1/4		113.2	140.0		133.5	140.0	100.1	133.5	_	78.3	104.4			No.
42-1/4	120	97.1	129.5		114.5	140.0	85.9	114.5		67.2	89.6			OLATION
48-1/4		85.1	113.4	140.0	100.3	133.7	75.2	100.3	125.3	58.8	78.4	98.0	117.6	<u> 0</u>
54-1/4		75.6	100.9	105.0	89.2	105.0	66.9	89.2	105.0	52.3	69.8	87.2	104.6	NTERP
60-1/4		68.1	90.8	105.0	80.3	105.0	60.2	80.3	100.4	47.1	62.8	78.5	94.2	<u> E</u>





WEEPS:

W1 = .30" X 1-5/8" WEEP SLOTS WITH PLASTIC COVERAT 9" FROM EACH END AND ±48" O.C.

W2 = 1/4" X 2" WEEP SLOTS AT 4" FROM EACH END AND ±12" O.C.

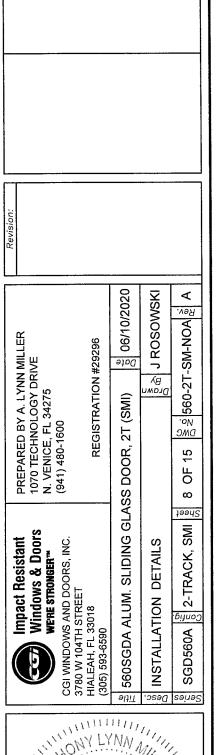
W3 = 1/4" X 5/8" WEEP HOLES AT 9" FROM EACH END AND ±48" O.C.

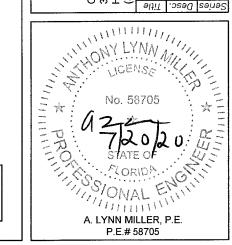
PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-0729.03

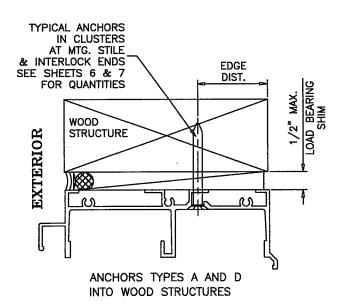
Expiration Date: 06/26/2023

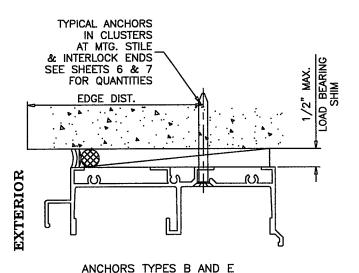
Miami-Dade Product Control

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

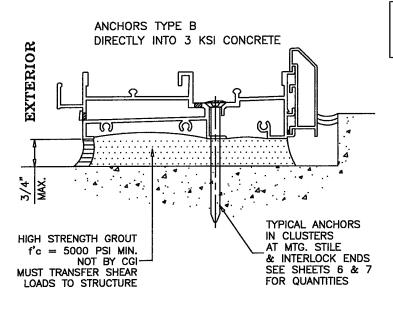


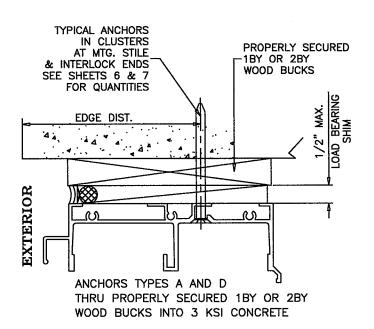


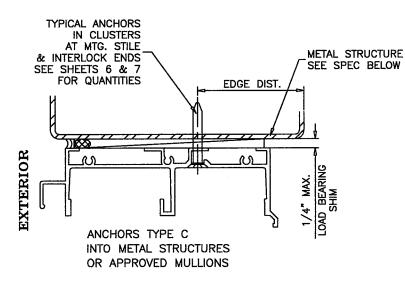




DIRECTLY INTO 3 KSI CONCRETE







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.

> **PRODUCT REVISED** as complying with the Florida **Building Code** 20-0729.03 NOA-No. **Expiration Date: 06/26/2023**

By: _ Ishaq I. Chanda

Miami-Dade Product Control

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

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

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

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

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

TYPE 'E' - 1/4" DIA HILTI KWIK-CON II (Fu=138 KSI, Fy=137 KSI) DIRECTLY INTO CONCRETE OR BLOCKS WITH 2" MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL) WITH 2" MIN. EMBED INTO BLOCKS (JAMBS)

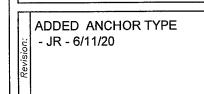
> 1/4" DIA DEWALT ULTRACON+ (Fu=164 KSI, Fy=148 KSI) 1/4" MAX. SHIM SPACE DIRECTLY INTO CONCRETE OR HOLLOW CMU WITH 1-3/4" MIN. EMBED INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO HOLLOW CMU THRU 1BY WOOD BUCKS INTO CONCRETE OR HOLLOW CMU

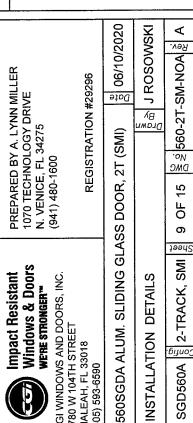
WITH 1-3/4" MIN. EMBED INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO HOLLOW CMU

ANCHOR EDGE DISTANCES

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

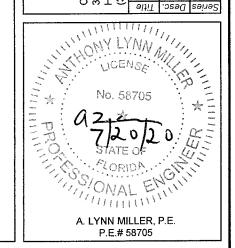
1/4" ULTRACON+ ANCHORS BY 'DEWALT' ARE LIMITED TO A MAXIMUM 1/4" SHIM SPACE. ALL OTHER ANCHORS MAY USE 1/4", 3/8" OR 1/2" SHIM SPACE.

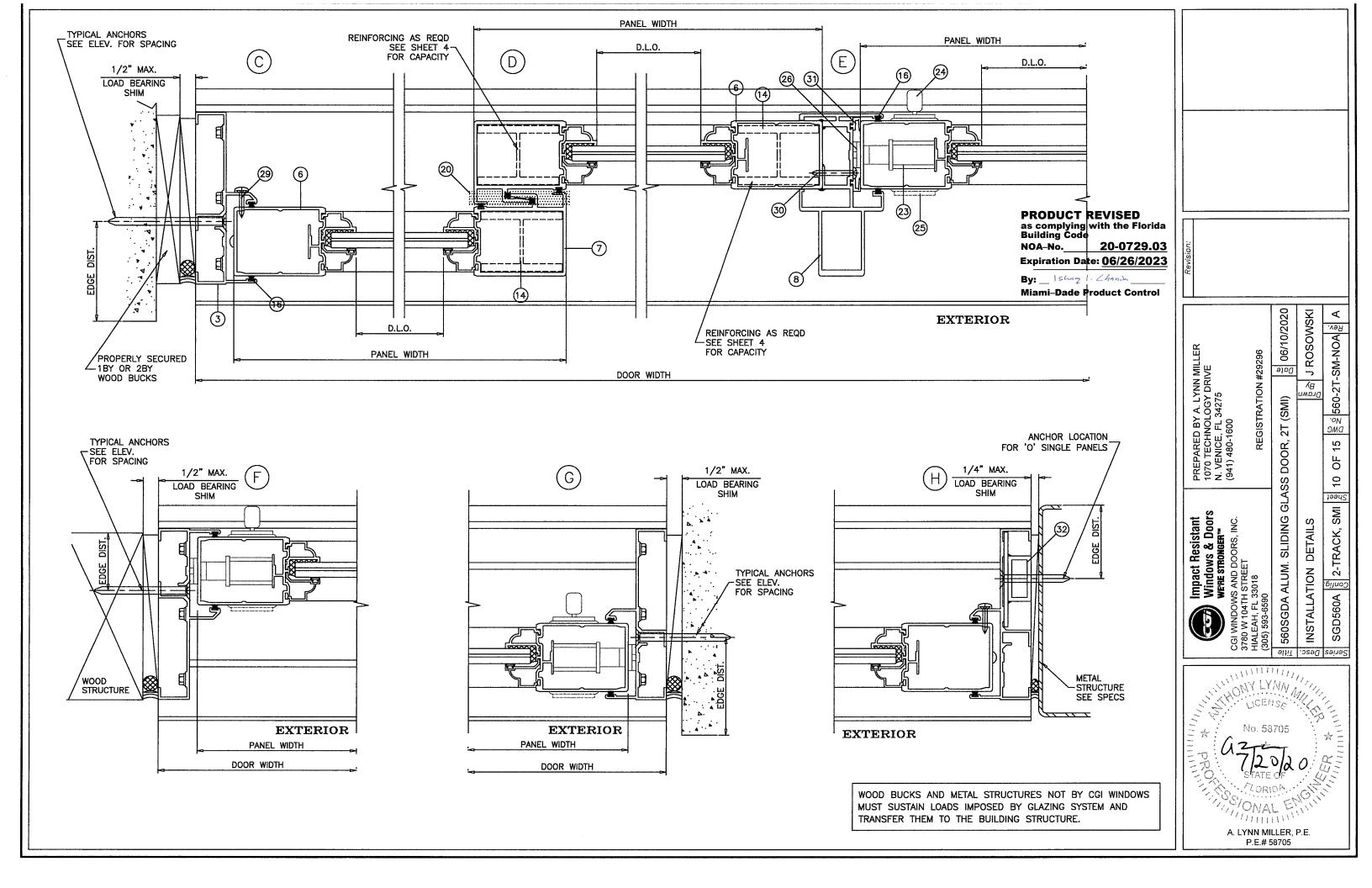




560SGDA ALUM.

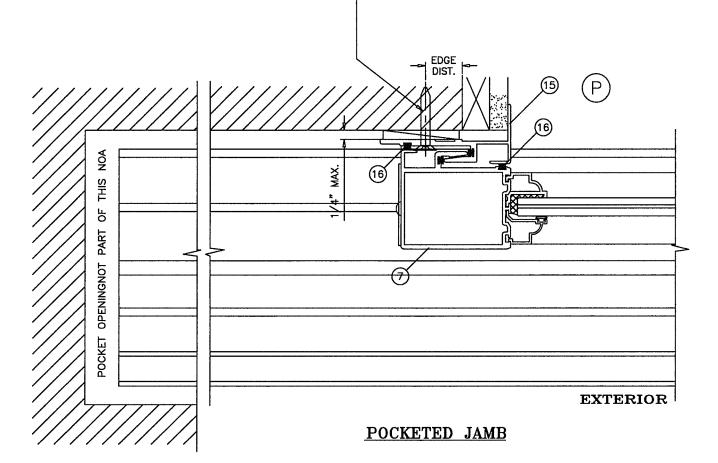
SGD560A Config





			POCKET I	HOOK A	NCHOR	CAPAC	ITY -	PSF					
					•			PANEL	WIDTHS				
ANCHORS TYPE	SUBSTRATE	MIN. EMBED.	. MIN. EDGE DIST.	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)	MASONRY	1-1/4"	1"	55.8	55.8	48.0	48.0	41.9	41.9	37.3	37.3	33.6	33.6
OR 1/4" DIA. ULTRACONS BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)	CONCRETE	1-3/4"	1"	120.0	140.0	120.0	140.0	120.0	138.0	120.0	122.5	110.3	110.3
#14 SMS (GRADE 2 OR 5 CRS)	WOOD	1-3/4	3/4"	120.0	140.0	120.0	140.0	120.0	131.0	116.5	116.5	104.9	104.9

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



PRODUCT REVISED as complying with the Florida Building Code 20-0729.03 NOA-No. **Expiration Date:** <u>06/26/2023</u>

By: _ Ishaq 1. Chande **Miami-Dade Product Control** ADDED ANCHOR TYPE - JR - 6/11/20 (c) 06/10/2020 J ROSOWSKI 560-2T-SM-NOA €

REGISTRATION #29296

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

INSTALLATION DETAILS, POCKET

No.

OF 15

SGD560A ଜୁଣ 2-TRACK, SMI ଜୁଣ 11

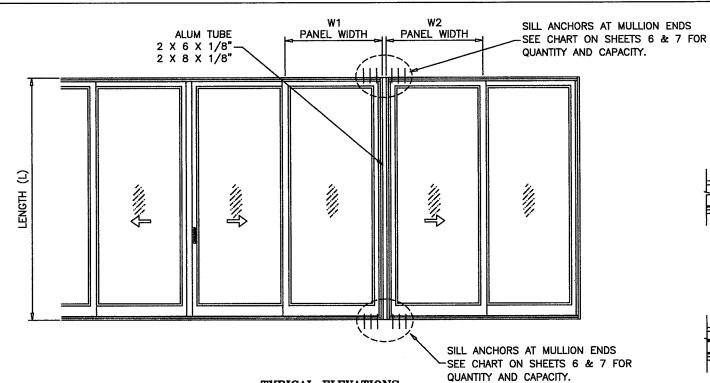
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600

Windows & Doors
Windows & Doors
WENE STRONGENT
INDOWS AND DOORS, INC.
V104TH STREET
AH, FL 33018



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

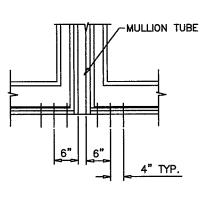
JM	JLLION LOAD	CAPACITY -	PSF
DI	MS.	2 X 6 X 1/8"	2 X 8 X 1/8"
	LENGTH (L)	EXT.(+)	EXT.(+)
INCHES	INCHES	INT.(-)	INT.(-)
26-1/4		140.0	140.0
32-1/4		140.0	140.0
38-1/4		140.0	140.0
44-1/4	84	140.0	140.0
50-1/4		140.0	140.0
56-1/4		140.0	140.0
62-1/4		140.0	140.0
26-1/4		140.0	140.0
32-1/4		140.0	140.0
38-1/4		140.0	140.0
44-1/4	90	140.0	140.0
50-1/4		140.0	140.0
56-1/4		140.0	140.0
62-1/4		136.0	140.0
26-1/4	1	140.0	140.0
32-1/4		140.0	140.0
38-1/4		140.0	140.0
44-1/4	96	140.0	140.0
50-1/4		138.8	140.0
56-1/4		124.0	140.0
62-1/4		112.1	140.0
26-1/4		140.0	140.0
32-1/4		140.0	140.0
38-1/4		140.0	140.0
44-1/4	102	131.4	140.0
50-1/4	'	115.7	140.0
56-1/4		103.4	140.0
62-1/4		93.4	130.8
26-1/4		140.0	140.0
32-1/4		140.0	140.0
38-1/4		128.1	140.0
44-1/4	108	110.7	140.0
50-1/4	'33	97.5	140.0
56-1/4		87.1	139.5
62-1/4		78.7	126.1
26-1/4		140.0	140.0
-			
32-1/4 38-1/4		129.2	140.0
38-1/4 44-1/4	114	108.9 94.1	140.0
44-1/4	114		140.0
50-1/4		82.9	139.5
56-1/4		74.1	124.6
26-1/4		136.1	140.0
32-1/4		110.7	140.0
38-1/4		93.4	140.0
44-1/4	120	80.7	140.0
50-1/4	1	71.1	125.4
56-1/4	<u> </u>	63.5	112.0



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

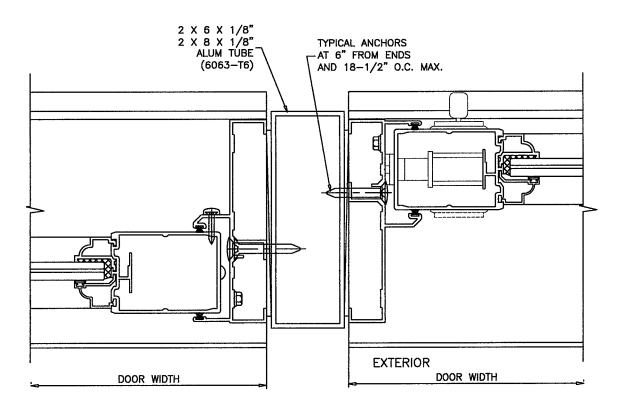
$$WIDTH (W) = \frac{W1 + W2}{2} + 2$$

W1 = SGD PANEL WIDTH W2 = SGD PANEL WIDTH





CLUSTER OF ANCHORS
HEAD/SILL



UNCLIPPED MULLION

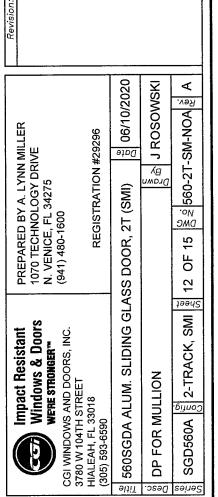
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0729.03

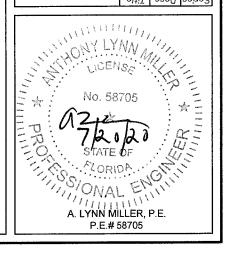
Expiration Date: <u>06/26/2023</u>

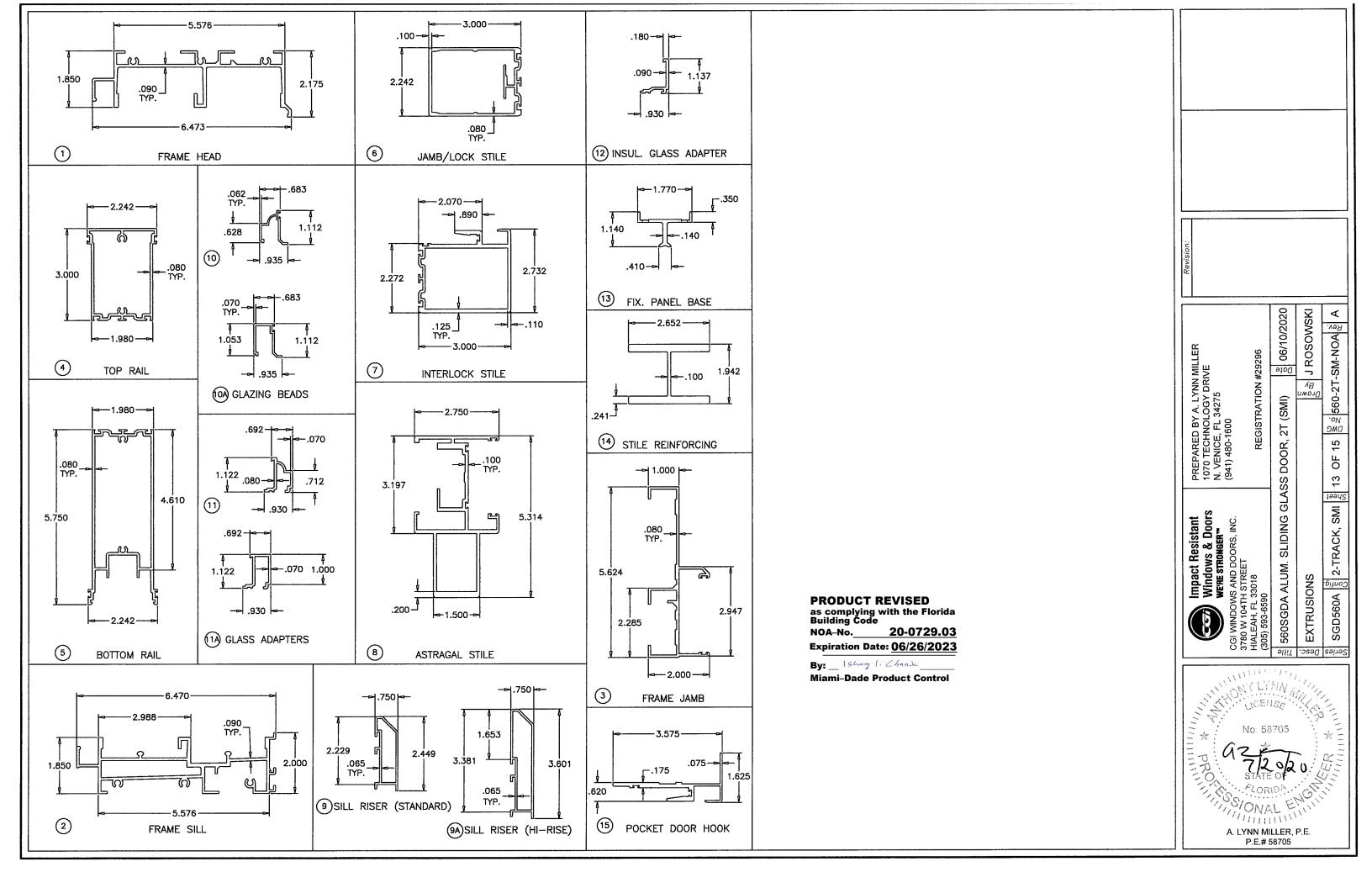
By: _ Ishaq I. Chanda _______
Miami-Dade Product Control

NOTES:

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







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

PRODUCT REVISED as complying with the Florida Building Code 20-0729.03 NOA-No.___

Expiration Date: 06/26/2023

By: _ Ishaq 1. Chanda

Miami-Dade Product Control

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

SEALANTS:

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

