



Openings: 17,18,21

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

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

CGI WINDOWS and DOORS, INC.

3780 W. 104th 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 "Sentinel 150" Aluminum Sliding Glass Door w/ wo Reinforcements – L.M.I.

APPROVAL DOCUMENT: Drawing No. SGD150LMI-NOA Rev B, titled Series "150 Sentinel Aluminum Sliding Glass Door", sheets 1 through 28 of 28, prepared by manufacturer, dated 07/21/20 and last revised on 07/07/23, 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: 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, Interlock reinforcing & sill riser and the max allowable panels for the entire unit, in sheet **13**. See anchor clusters DP capacity in sheet **15**. Lower capacity shall control for the entire assembly. For Doors w/ corners, see limitation note 4, below.
3. Max shim not to exceed 1/2" at Head/jambs & 1/2" at Sill (w/ High strength poured & hardened grout). The Sill to be installed w/ anchor type **B-2** (sheet 14), directly into conc.
4. Units containing 90° & 135° exterior corners must be limited to Max Dp= +/-60 PSF. See sheet **22** for anchor layout.

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 # **20-0729.06** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5 and E-6, as well as approval document mentioned above.

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

NOA No. 23-0803.06

Expiration Date: September 22, 2025

Approval Date: September 07, 2023

Page 1



Ishaq I. Chanda

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W10-31 Rev L**, titled Series "Sentinel 150 Alum Sliding Glass Door", sheets 1 through 28 of 28, prepared by Al-Farooq Corporation, dated 05/20/10 and last revised on 01/11/16, signed and sealed by Javad Ahmad, P. E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Small Missile Impact Test per FBC, TAS 201-94
 - 5) 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 8-panel, Alum SGD w/ Pockets & 135° and 90° corners, prepared by Architectural Testing, Inc., Test Report No. **D8502.01-450-18**, dated 12/07/15 respectively, both signed and sealed by Joseph A. Reed, P.E.(submitted under file #15-0619.06)

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) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of 6-panels Alum SGD w/ Pockets & OXXX, prepared by Certified Testing Laboratories, Test Report No. **CTLA -3011-W & -W-1**, dated May 22 & 23, 2014 respectively, both signed and sealed by Ramesh Patel, P. E.
(Note this test reports have been revised by an addendum letter dated SEP 24, 2014, issued by Certified Testing lab.)

3. 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 and installation diagram of a series 7500FW Vinyl Flange Frame Impact Fixed Window, to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Testing Laboratories, Test Report No. **CTLA-3056 WA** dated 03/03/15, signed and sealed by Ramesh Patel, P. E.

along with marked-up drawings and installation diagram of a series 7400PO Vinyl Impact Flange Frame Project Out Windows, to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Testing Laboratories, Test Report No. **CTLA-3056 WB** dated 03/03/15, signed and sealed by Ramesh Patel, P. E.

along with marked-up drawings and installation diagram of a series 238 Aluminum Fixed Flange Frame Window with Vent to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Testing Laboratories, Test Report No. **CTLA-3056 WC** dated 04/16/15 and revised on 03/09/16. signed & sealed by Ramesh Patel, P. E.

— Ishaq I. Chanda —

Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 23-0803.06

Expiration Date: September 22, 2025

Approval Date: September 07, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (continue)

4. 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 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of Alum SGD, prepared by Hurricane test Laboratory, LLC, Test Report No. **HTL-0080-1208-090**, dated July 30, 2010, signed and sealed by Vinu J. Abraham, P. E. (submitted under files #12-0119.04/11-1031.05)

along with marked-up drawings and installation diagram of Alum. SGD (OX) prepared by Architectural Testing, Inc., Test Report No. **ATI-C0733.03-450-18**, dated 08/09/12, signed and sealed by Vinu J. Abraham, P. E. (submitted under files #13-1121.08 /#12-0821.16).

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, conformance to, complying with **FBC-2010** and with **FBC 5th Edition (2014)**, prepared by Al-Farooq Corporation, dated 02/24/16, 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. **14-0916.11** issued to Kuraray America, Inc. for their “**Sentry Glas® (Clear and White) Glass Interlayers**”, expiring on 07/04/18.
2. Notice of Acceptance No. **14-0423.15** issued Eastman Chemical Company (MA) for their “**Saflex CP-Saflex and Saflex HP Composites Interlayer w/ PET core**”, expiring on 2/11/18.
3. Notice of Acceptance No. **15-1201.11** issued Eastman Chemical Company (MA) “**Saflex Clear and colored glass interlayer**”, expiring on 05/21/21.
4. Notice of Acceptance No. **14-0916.10** issued to Kuraray America, Inc. for their “**Butacite® PVB Glass Interlayer**”, expiring 12/11/16.

F. STATEMENTS

1. Statement letter of conformance to, complying with **FBC 5th Edition (2014)**, and of no financial interest, dated 02/24/16, signed and sealed by Javad Ahmad, P. E.
2. Addendum letter dated SEP 24, 2014, issued by Certified Testing lab, signed and sealed by Ramesh Patel, P. E.
3. Lab Compliance statement, part of above referenced test report.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0803.06
Expiration Date: September 22, 2025
Approval Date: September 07, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

1. This NOA **revises** NOA # **15-0619.06**, expiring on Sep. 22, 2020.
2. Test proposal for the qualification of **Butacite®** PVB glass interlayer by Kuraray America, Inc., as well as **Duraseal®** and **Super Spacer® Standard** warm-edge flexible insulating glass spacers, dated December 16, 2014, issued by RER, Product Control Section, signed by Jaime Gascon, P.E.
3. Test proposal # **14-0198**, approved on 02/26/2014, signed by Ishaq I. Chanda, P.E.
4. Test proposals # **13-1098**, approved on Oct 02, 2013 and revised on FEB 24, 2014, signed by Manuel Perez, P.E., test proposal # **11-1225** dated DEC 16, 2011 signed by Jaime D. Gascon, P.E. Test proposal # **09-1073**, approved on Nov. 05, 2009 and E-mail test proposal dated 07-19-2010, approved by BCCO.

2. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W10-31 Rev O**, titled Series “150 Sentinel Aluminum Sliding Glass Door”, sheets 1 through 28 of 28, prepared by Al-Farooq Corporation, dated 05/20/10 and last revised on MAR 05, 2018, signed and sealed by Javad Ahmad, P. E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Letter of conformance to FBC 2017 (6th edition) and No Financial interest, prepared by Al-Farooq Corporation, dated 09/14/17, signed and sealed by Javad Ahmad, P. E.

G. OTHER

1. This NOA **revises** NOA # **17-1011.18**, expiring 09/22/2020.

3. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **SGD150LMI-NOA Rev O** (former **W10-31 Rev O**), titled Series “150 Sentinel Aluminum Sliding Glass Door”, sheets 1 through 28 of 28, prepared by manufacturer, dated 05/22/19, signed and sealed on 05/23/19 by Lyn Miller, P. E.
(Note: This revision consists of Successor Engineer adopting another Engineer work as his own and addition of Dow 983 silicone)

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0803.06
Expiration Date: September 22, 2025
Approval Date: September 07, 2023

CGI WINDOWS and DOORS, INC.

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.

C. CALCULATIONS (submitted under file # 17-1011.18)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for their “**Sentry Glas® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.
2. Notice of Acceptance No. **18-0103.01** issued Eastman Chemical Company (MA) (Former Solutia Inc.) for their “**Saflex CP-Saflex and Saflex HP Composites Interlayer w/ PET core**”, expiring on 12/11/23.
3. Notice of Acceptance No. **15-1201.11** issued Eastman Chemical Company (MA) (Former Solutia Inc.) “**Saflex Clear and colored glass interlayer**”, expiring on 05/21/21.
4. Notice of Acceptance No. **19-0305.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for their “**Trofosil® Ultra Clear, clear & color PVB Glass Interlayer**”, expiring 07/08/24.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, dated May 23, 2019, issued by manufacturer, signed and sealed by A. Lynn Miller, P.E.
2. Statement letter of no financial interest, dated May 23, 2019, issued by manufacturer, signed and sealed by A. Lynn Miller, P.E.
3. Test Proposal No. **19-0219** issued by the Product Control Section, dated March 13, 2019, signed by Ishaq Chanda, P.E.
4. Notification of Successor Engineer for manufacturer’s NOA document per **Section 61G15-27.001** of the **Florida Administrative Code**, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated May 22, 2019, signed and sealed by A. Lynn Miller, P.E.

G. OTHER

1. This NOA revises **NOA # 17-1218.20**, expiring 09/22/2020.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0803.06
Expiration Date: September 22, 2025
Approval Date: September 07, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **SGD150LMI-NOA Rev A** (former **SGD150LMI-NOA Rev O**), titled Series “150 Sentinel Aluminum Sliding Glass Door”, sheets 1 through 28 of 28, prepared by manufacturer, dated 07/21/20, signed and sealed by Lyn 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
6) Forced Entry Test, per ASTM F588 and TAS 202-94

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).

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.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0803.06
Expiration Date: September 22, 2025
Approval Date: September 07, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (continue)

3. 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.
4. Notice of Acceptance No. **19-0305.02** issued to Kuraray America, Inc. (former E.I. DuPont De Nemours & Co., Inc.) for their “**Trofosil® Ultra Clear, clear & color PVB Glass Interlayer**”, expiring 07/08/24.

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. Statement of Lab compliance as part of the test report.

G. OTHER

1. This NOA **revises & renews NOA #19-0603.03**, for FBC 2020 update, expiring 09/22/25.
2. RER Test proposals **#19-1155** dated 01/10/20 approved by Ishaq I. Chanda, P.E.

6. New Evidence submitted

A. DRAWINGS

1. Drawing No. **SGD150LMI-NOA Rev B**, titled Series “150 Sentinel Aluminum Sliding Glass Door”, sheets 1 through 28 of 28, prepared by manufacturer, dated 07/21/20 and last revised on 07/07/23, signed and sealed by Lynn Miller, P. E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **22-1116.01** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**”, expiring on 07/04/28.

F. STATEMENTS

1. Letter of conformance to FBC 2023 (8th edition), dated 07/07/23, prepared, signed and sealed by Lynn Miller, P. E.

G. OTHER

1. This NOA **revises NOA # 20-0729.06**, updates to FBC 2023. expiring 09/22/2025.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0803.06
Expiration Date: September 22, 2025
Approval Date: September 07, 2023

DESIGN PRESSURE RATING
SEE TABLES ON SHEETS 13 & 15

IMPACT RATING
RATED FOR LARGE & SMALL
MISSILE IMPACT RESISTANCE.
SHUTTERS ARE NOT REQUIRED

”SENTINEL” SERIES SGD150A ALUMINUM SLIDING GLASS DOOR

DOORS ALLOWED FOR MAX. NUMBER OF PANELS AS LISTED ON
DESIGN LOAD CAPACITY CHART ON SHEET 13 OF 28, USING
MEETING STILE COMBINATIONS TESTED AND SHOWN IN DRAWING DETAILS.

APPLICABLE EGRESS REQUIREMENTS PER FBC TO BE REVIEWED
BY BUILDING OFFICIAL.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA
BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS
TO THE BUILDING STRUCTURE.

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.

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

ALL SHIMS TO BE HIGH IMPACT, NON–METALLIC AND NON–COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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.

ALL ANCHOR HEAD TYPES ARE APPLICABLE. ANCHORS MUST BE OF SUFFICIENT
LENGTH SO THAT A MINIMUM OF 3 THREADS EXTEND BEYOND METAL SUBSTRATE.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

STEP 1 DETERMINE DESIGN WIND LOAD REQUIREMENT BASED
ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE
USING APPLICABLE ASCE 7 STANDARD.

STEP 2 DETERMINE DOOR CAPACITY FROM TABLES ON SHEET 13
FOR THE GLASS TYPE AND REINFORCING TO USE.

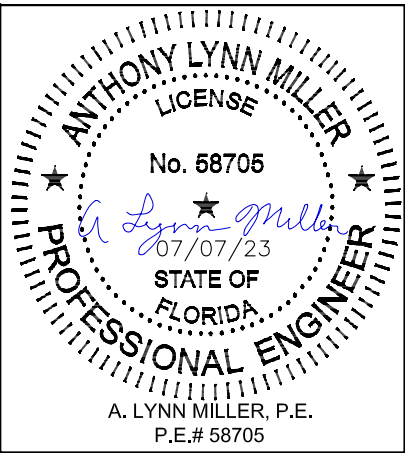
STEP 3 USING CHARTS ON SHEET 15 SELECT ANCHOR OPTION
WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED
IN STEP 1 ABOVE.

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

CODES / STANDARDS USED:

- 2023 FLORIDA BUILDING CODE (FBC), 8TH EDITION
- 2020 FLORIDA BUILDING CODE (FBC), 7TH EDITION
- ASTM E1300-09
- ANSI/AF&PA NDS-2018 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2020
- AISI S100-16
- AISC 360-16

 Impact Resistant Windows & Doors WE'RE STRONGER™		3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		REGISTRATION #29296		05/22/19	
Impact Resistant Windows & Doors WE'RE STRONGER™		3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		ALUMINUM SLIDING GLASS DOOR (LM)		Date	
						05/22/19	
						By	
						JENS ROSOWSKI	
Impact Resistant Windows & Doors WE'RE STRONGER™		3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		ALUMINUM SLIDING GLASS DOOR (LM)		Dwg No.	
						1 OF 28	
						Sheet	
						SGD-150	
Impact Resistant Windows & Doors WE'RE STRONGER™		3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		ALUMINUM SLIDING GLASS DOOR (LM)		Rev.	
						B	
						SGD150LMI-NOA	
						JENS ROSOWSKI	

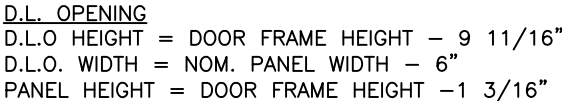


A. LYNN MILLER, P.E.
P.E.# 58705

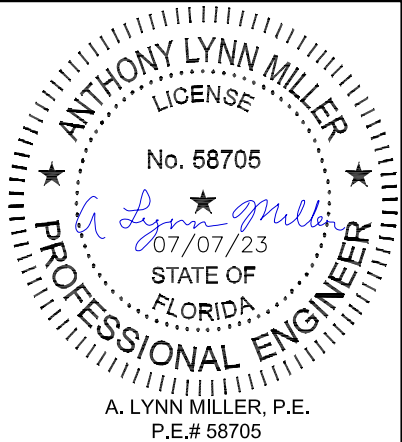
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0803.06
Expiration Date 09/22/2025
By Isaac I. Chande
Miami-Dade Product Control

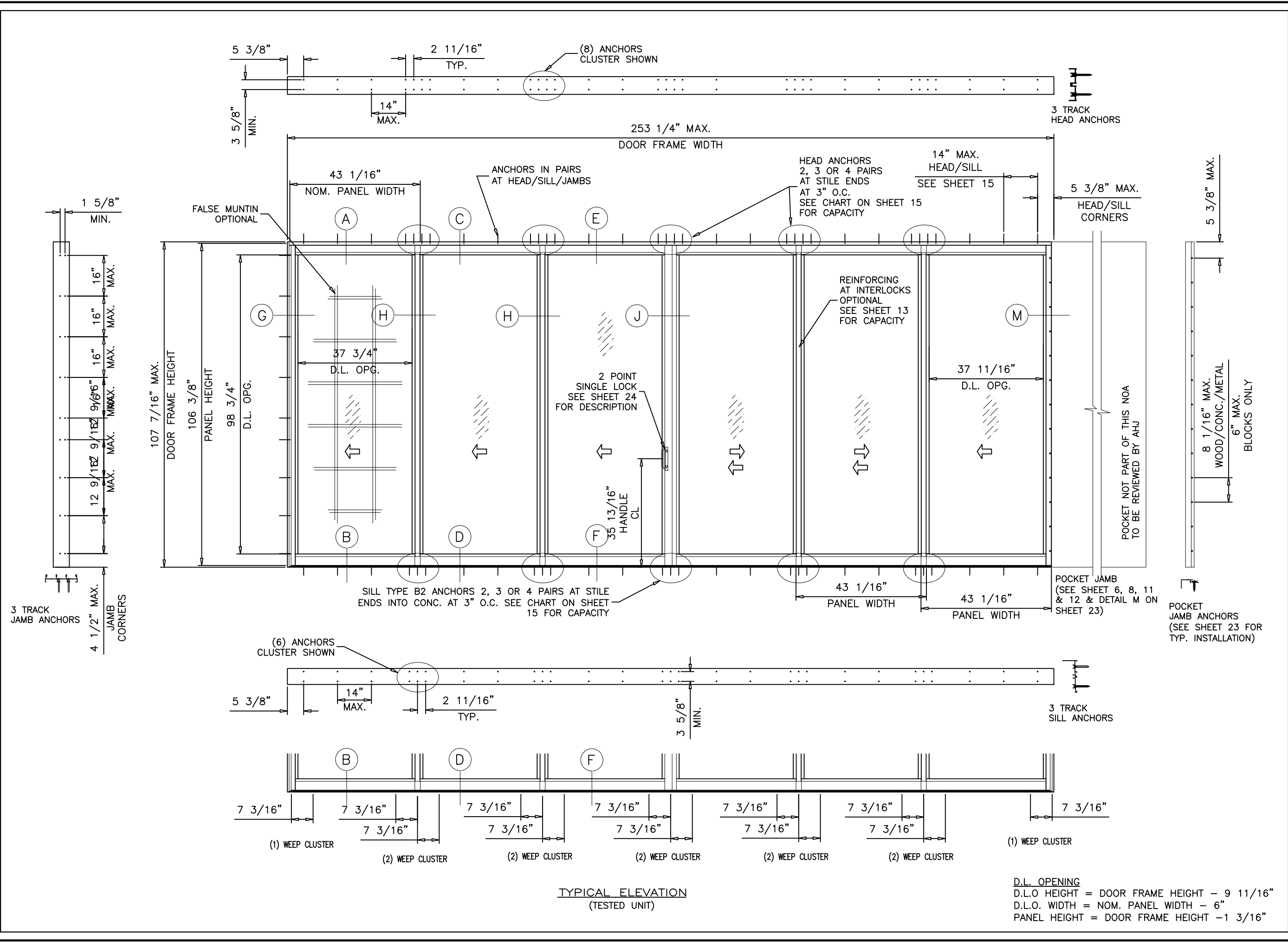
UPDATED TO 2023
BUILDING CODE.
NEW TITLE BLOCK
JR - 07/07/23

Revision:



		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275	
3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		(941) 480-1600	
		REGISTRATION #29296	
ALUMINUM SLIDING GLASS DOOR (LM)		Date	05/22/19
ELEVATION EXAMPLE, 4P-2T		Drawn By	JENS ROSOWSKI
SGD-150	Sheet	2 OF 28	DWG No.
		SGD150LMI-NOA	
		Rev.	
		B	





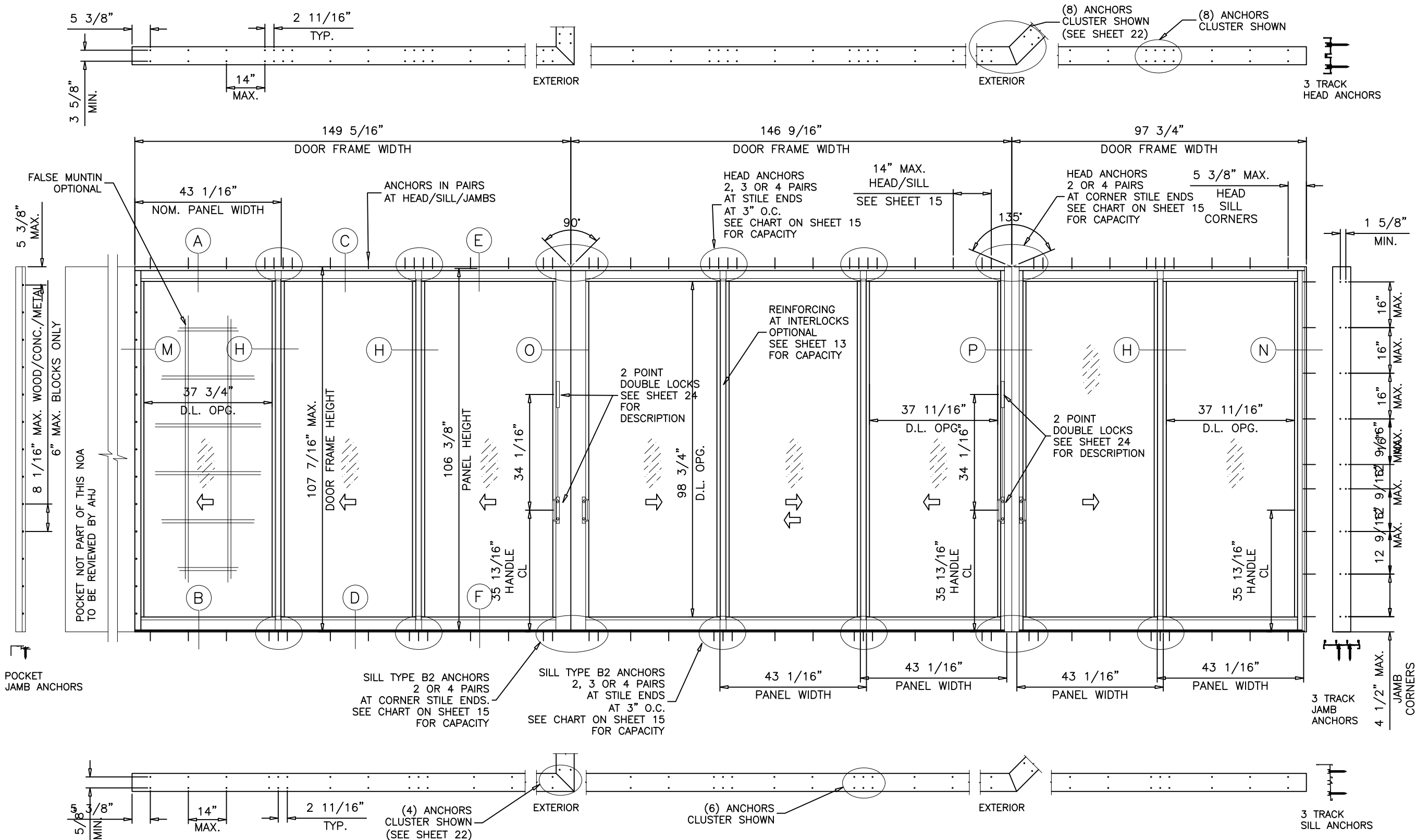
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Ishaq I. Chande*
Miami-Dade Product Control

Revision:
UPDATED TO 2023
BUILDING CODE.
JR - 07/07/23

Impact Resistant Windows & Doors WE'RE STRONGER™	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	05/22/19	JENS ROSOWSKI	SGD150LMI-NOA
	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)			
	ELEVATION EXAMPLE, 6P-3T				
SGD-150	3 OF 28	DWG No.			B

ANTHONY LYNN MILLER
LICENSE
No. 58705
A. Lynn Miller
07/07/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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



REFER TO PAGES 14, 15, 17 & 18 FOR WEEP SIZE.

TYPICAL ELEVATION
(TESTED UNIT)

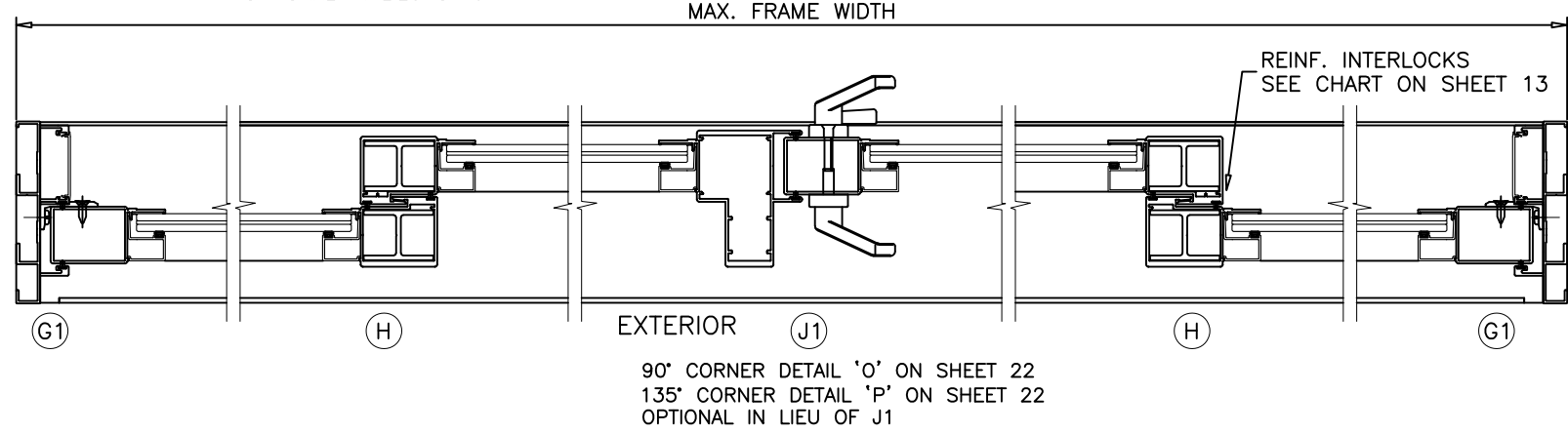
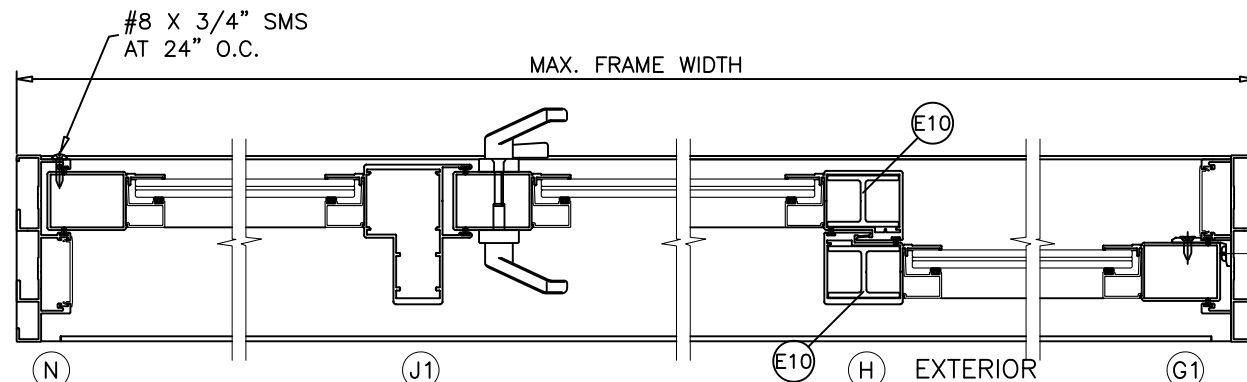
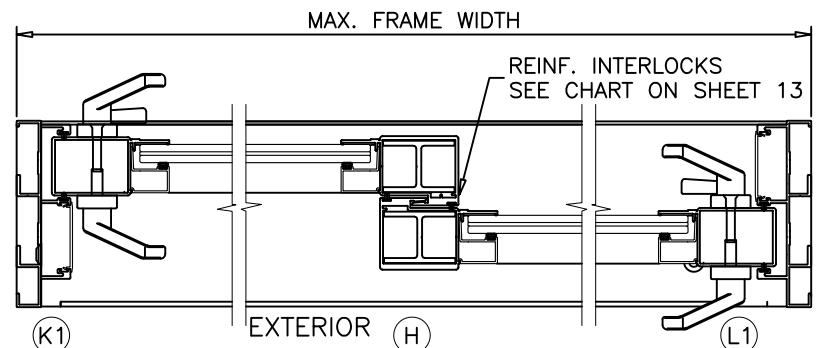
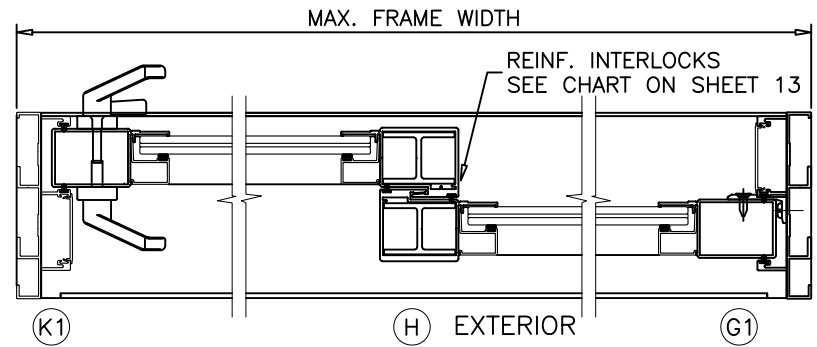
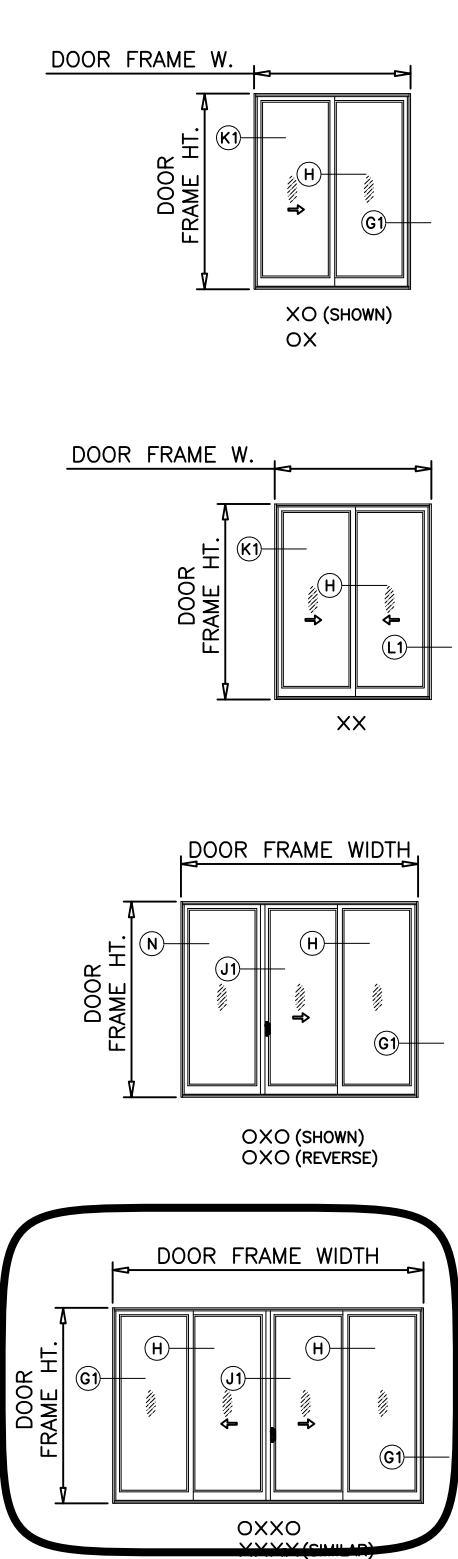
D.L. OPENING
D.L.O HEIGHT = DOOR FRAME HEIGHT - 9 11/16"
D.L.O. WIDTH = NOM. PANEL WIDTH - 6"
PANEL HEIGHT = DOOR FRAME HEIGHT - 1 3/16"

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By *Ishaq I. Chande*
Miami-Dade Product Control

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JR - 07/07/23

Impact Resistant Windows & Doors WE'RE STRONGER™	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date 05/22/19	By JENS ROSOWSKI	Rev. B
	ALUMINUM SLIDING GLASS DOOR (LM)			DWG SGD150LM-MI-NOA	
	BLEVATION EXAMPLE, CORNER			No. 4 OF 28	
3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		Title		Series SGD-150	Sheet

ANTHONY LYNN MILLER
LICENSE
No. 58705
07/07/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



THIS APPROVAL QUALIFIES DOORS WITH APPROVED CONFIGURATIONS SHOWN WITH 90° AND 135° CORNERS WHERE STILE CONFIGURATIONS SHOWN ON SHEET 22 ARE PRESENT. FOR DOORS USING 90° & 135° CORNER STILES LIMIT MAX. DESIGN LOADS TO ±60.0 PSF

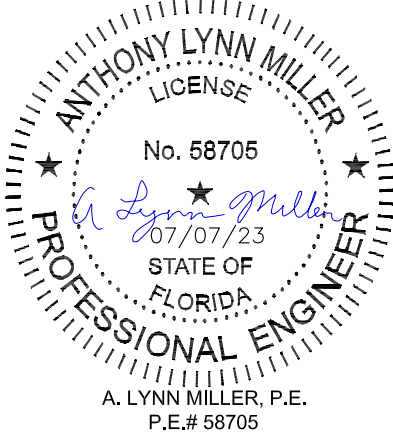
APPROVED CONFIGURATIONS.
TWO (2) TRACKS
NON-POCKETED DOORS

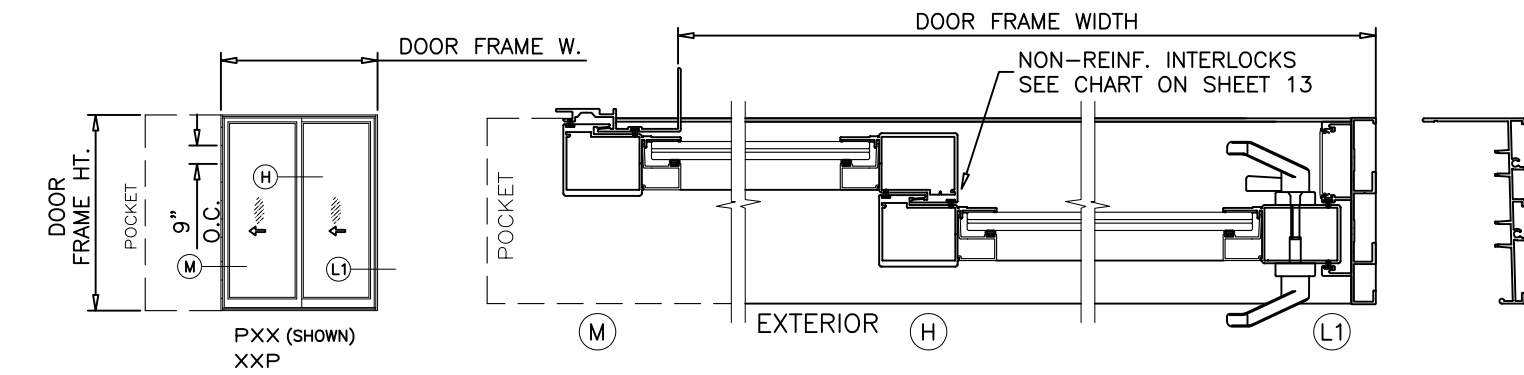
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. FOR APPLICABLE NON REINFORCED OR REINFORCED DESIGN PRESSURES SEE SHEET 13.
3. FOR ANCHOR DETAILS SEE SHEETS 15 THRU 23.
4. DOOR SHALL MEET EGRESS REQUIREMENTS AS APPLICABLE PER FBC.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Isaac I. Chanda*
Miami-Dade Product Control

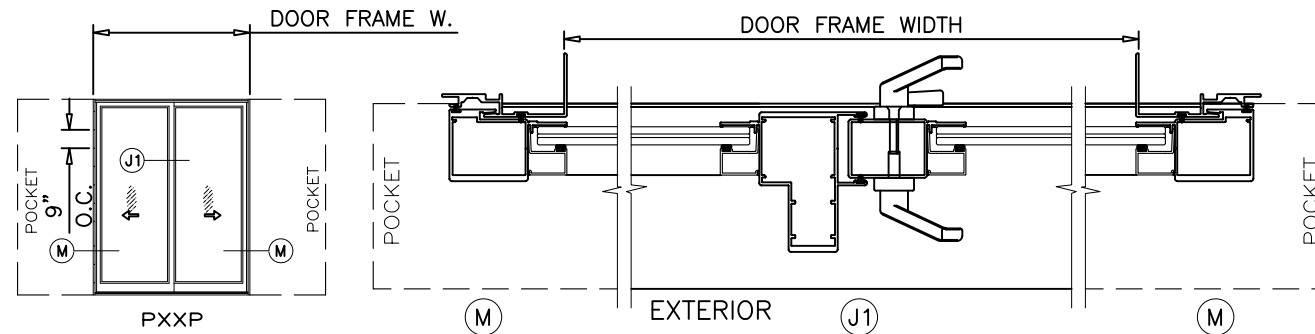
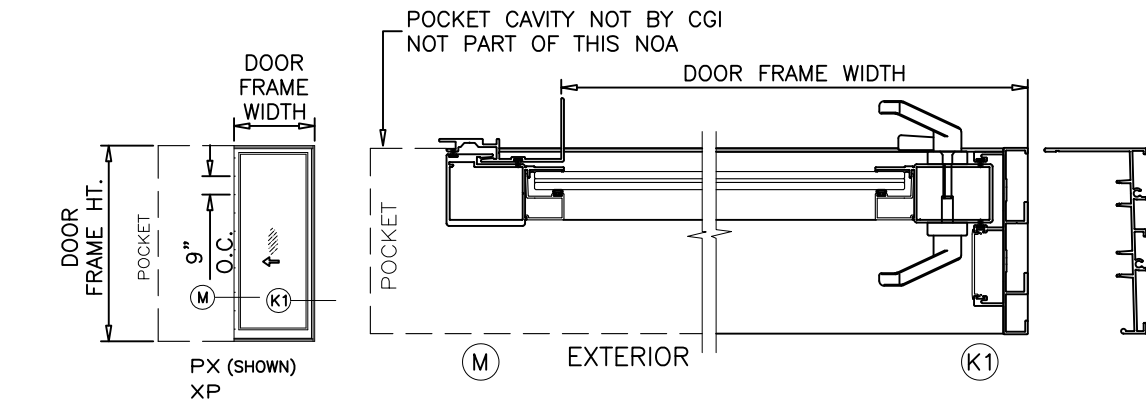
Revision: UPDATED TO 2023
BUILDING CODE.
JR - 07/07/23

Impact Resistant Windows & Doors WE'RE STRONGER™	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	SGD150LM-MI-NOA	B
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	SGD150	5 OF 28
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	SGD150	5 OF 28

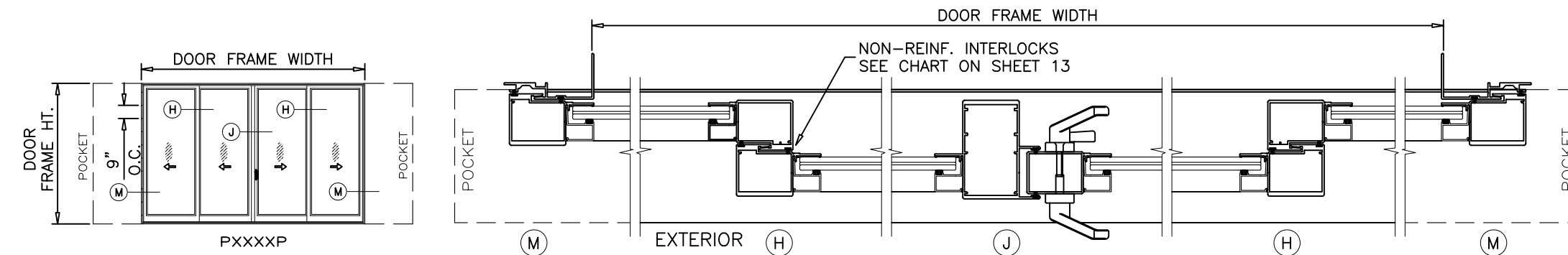




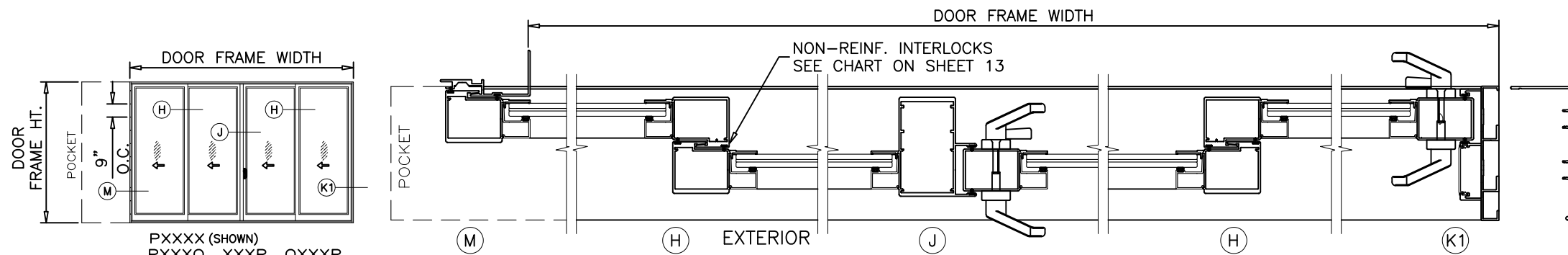
THIS APPROVAL QUALIFIES DOORS WITH APPROVED CONFIGURATIONS SHOWN WITH 90° AND 135° CORNERS WHERE STILE CONFIGURATIONS SHOWN ON SHEET 22 ARE PRESENT. FOR DOORS USING 90° & 135° CORNER STILES LIMIT MAX. DESIGN LOADS TO ±60.0 PSF



90° CORNER DETAIL 'O' ON SHEET 22
135° CORNER DETAIL 'P' ON SHEET 22
OPTIONAL IN LIEU OF J1



90° CORNER DETAIL 'O' ON SHEET 22
135° CORNER DETAIL 'P' ON SHEET 22
OPTIONAL IN LIEU OF J1



90° CORNER DETAIL 'O' ON SHEET 22
135° CORNER DETAIL 'P' ON SHEET 22
OPTIONAL IN LIEU OF J1

APPROVED CONFIGURATIONS.

TWO (2) TRACKS
POCKETED DOORS

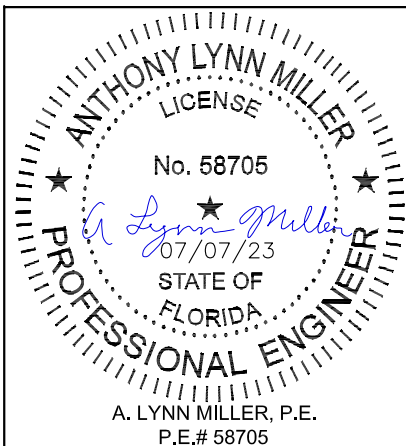
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. FOR APPLICABLE NON REINFORCED OR REINFORCED DESIGN PRESSURES SEE SHEET 13.
3. FOR ANCHOR DETAILS SEE SHEETS 15 THRU 23.
4. DOOR SHALL MEET EGRESS REQUIREMENTS AS APPLICABLE PER FBC.
5. POCKETS ARE NOT PART OF THIS APPROVAL AND TO BE REVIEWED BY AHJ.

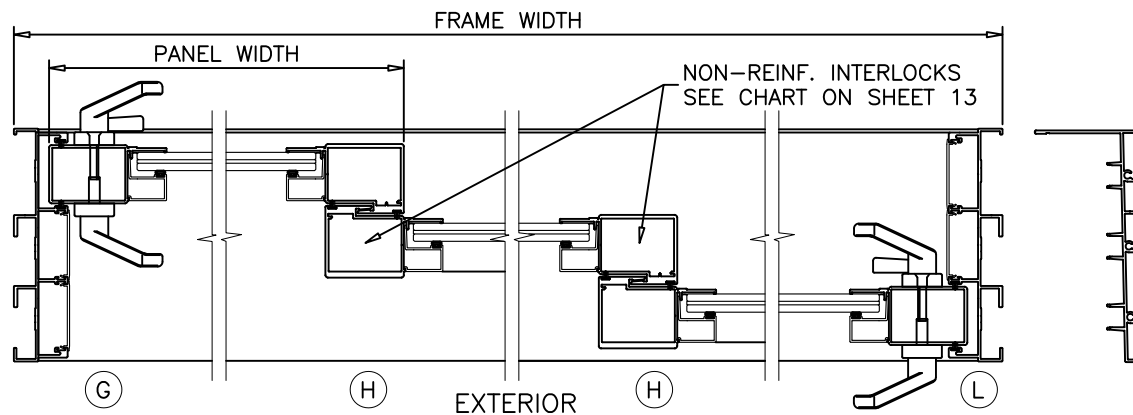
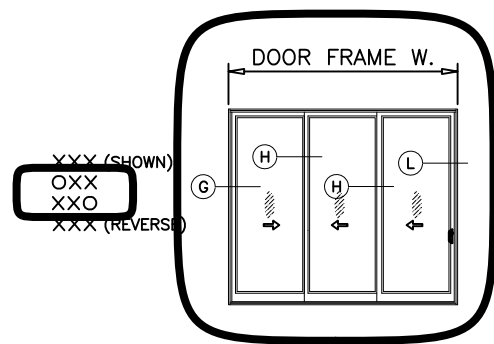
PRODUCT REVISED
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NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Isaac I. Chanda*
Miami-Dade Product Control

UPDATED TO 2023
BUILDING CODE.

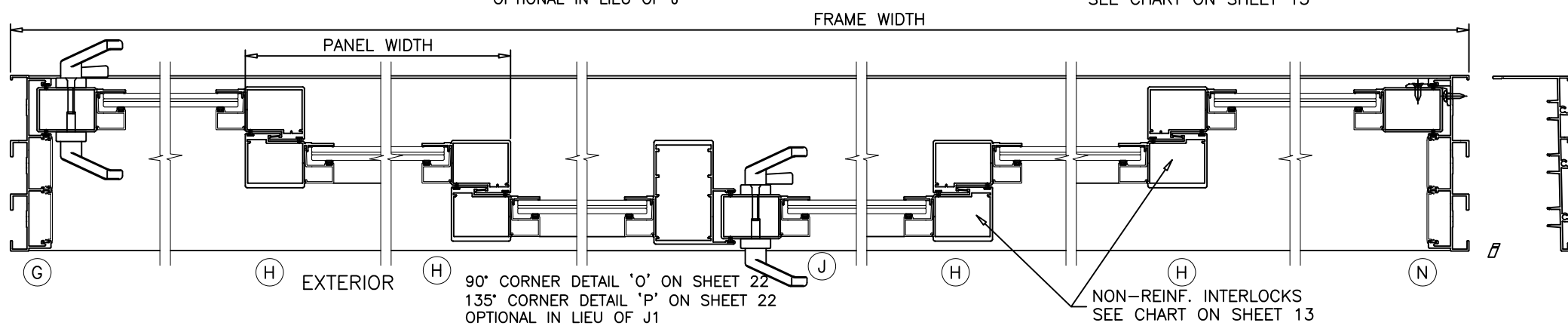
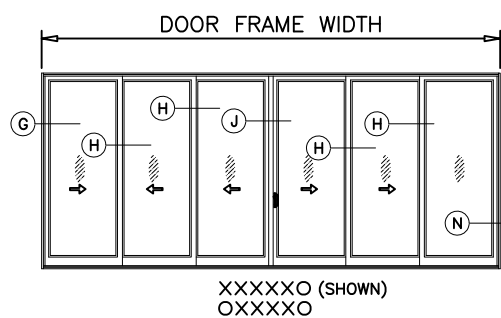
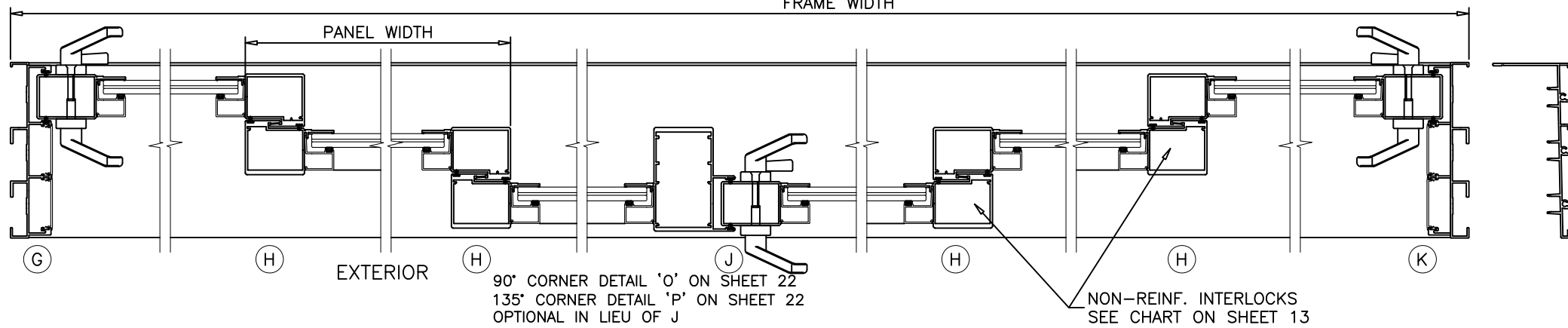
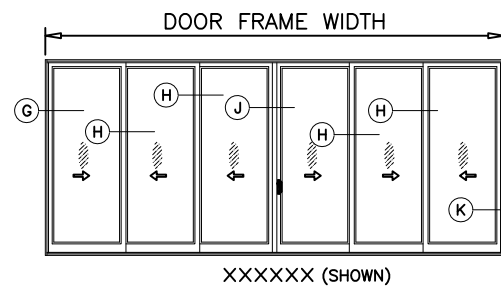
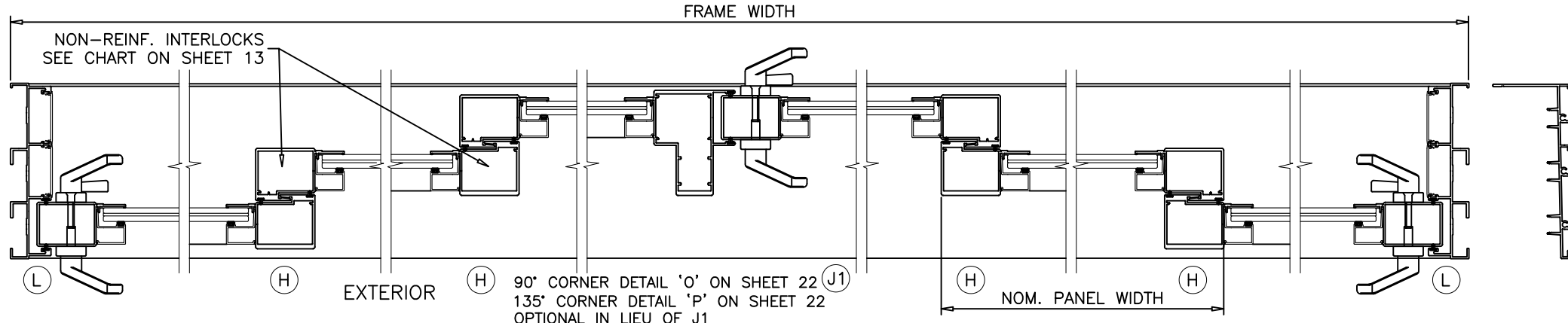
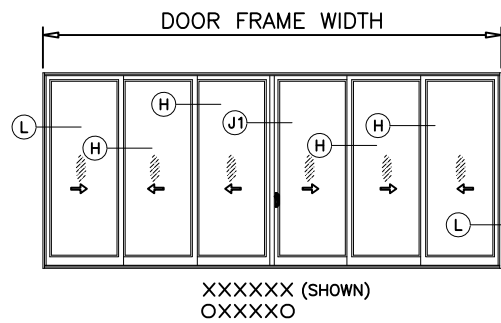
JR - 07/07/23

Impact Resistant Windows & Doors WE'RE STRONGER™	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	05/22/19	B
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	CONFIGURATIONS, 2T-PKTS	6 OF 28	SGD-150	SGD150LM-MI-NOA





THIS APPROVAL QUALIFIES DOORS WITH APPROVED CONFIGURATIONS SHOWN WITH 90° AND 135° CORNERS WHERE STILE CONFIGURATIONS SHOWN ON SHEET 22 ARE PRESENT. FOR DOORS USING 90° & 135° CORNER STILES LIMIT MAX. DESIGN LOADS TO ±60.0 PSF



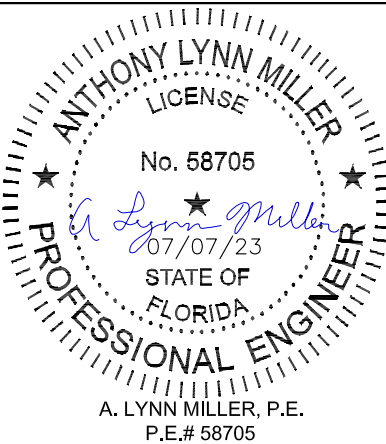
APPROVED CONFIGURATIONS.
THREE (3) TRACKS
NON-POCKETED DOORS

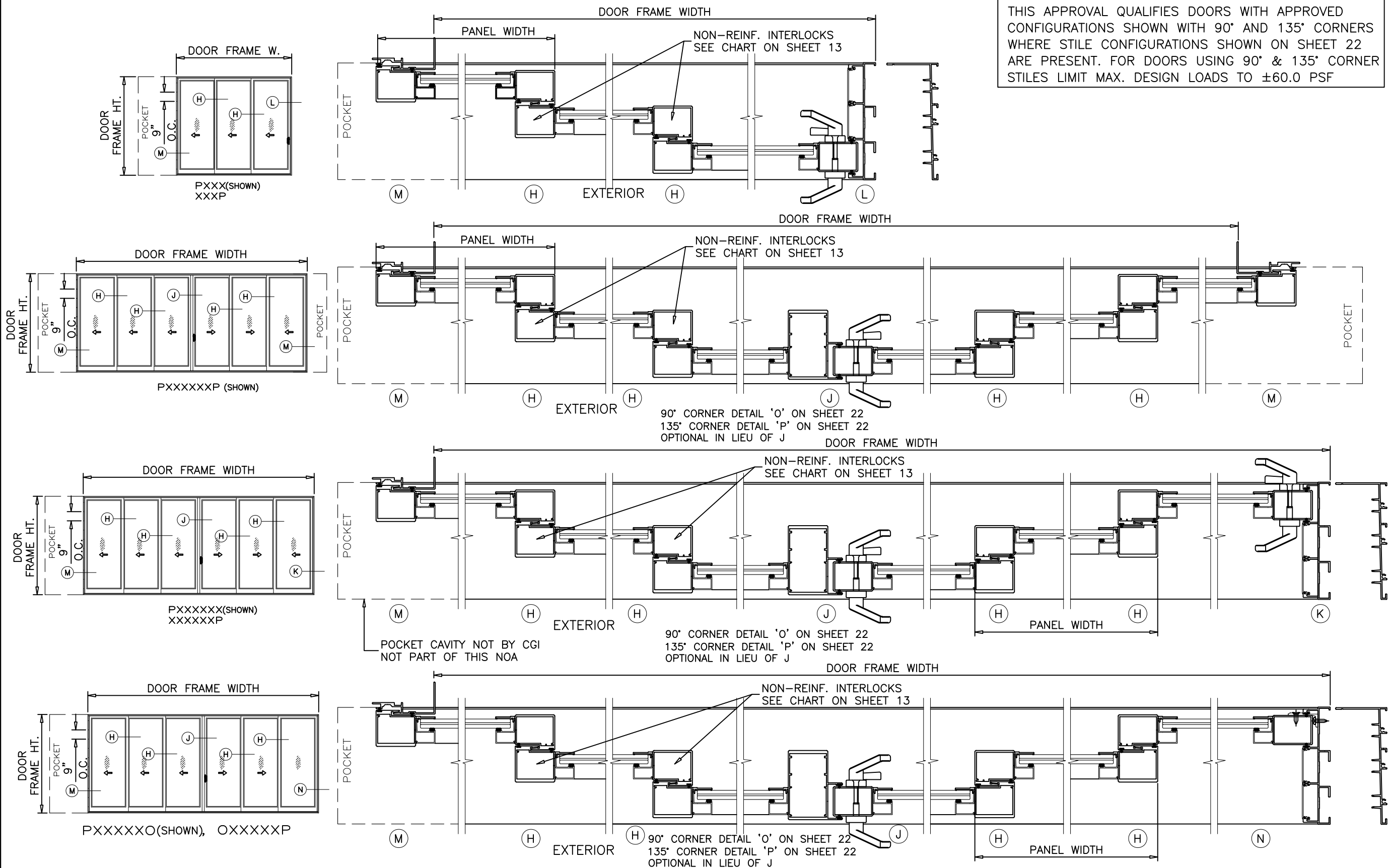
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. FOR APPLICABLE NON REINFORCED OR REINFORCED DESIGN PRESSURES SEE SHEET 13.
3. FOR ANCHOR DETAILS SEE SHEETS 15 THRU 23.
4. DOOR SHALL MEET EGRESS REQUIREMENTS AS APPLICABLE PER FBC.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Isaac I. Chank*
Miami-Dade Product Control

UPDATED TO 2023
BUILDING CODE.
Revision: JR - 07/07/23

 Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		(941) 480-1600		REGISTRATION #29296		05/22/19		JENS ROSOWSKI	SGD150LM-I-NOA	Rev.	B
	ALUMINUM SLIDING GLASS DOOR (LM)		Date									
	CONFIGURATIONS, 2T-NO PKTS		By									
	7 OF 28		No.									
SGD-150	Sheet	7 OF 28		Dwg		SGD150LM-I-NOA		JENS ROSOWSKI		Rev.		B





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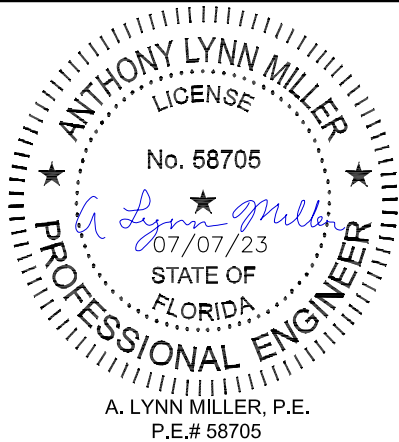
APPROVED CONFIGURATIONS.
THREE (3) TRACKS
POCKETED DOORS

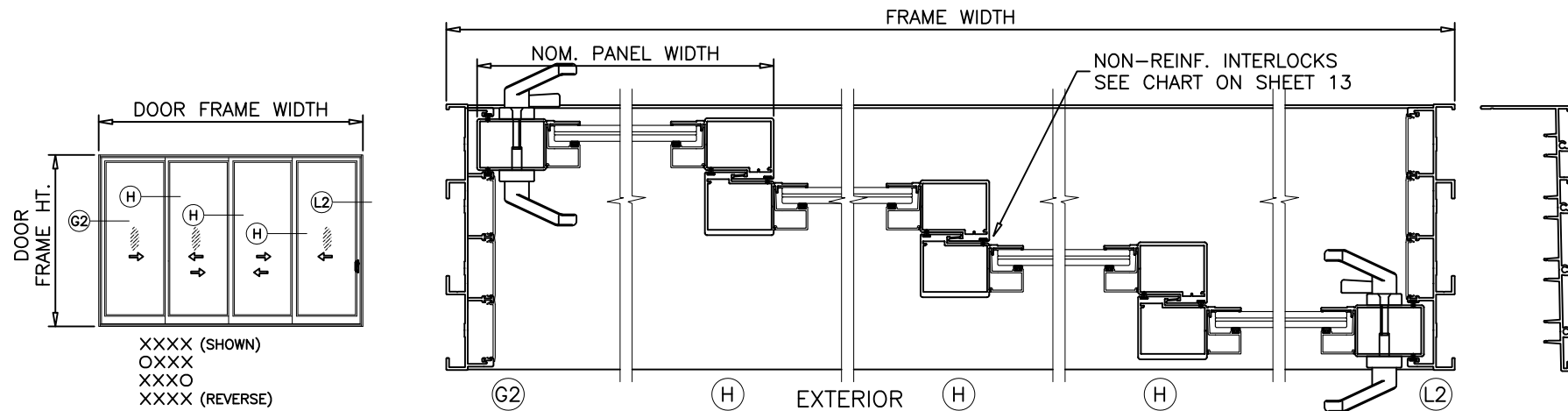
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
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3. FOR ANCHOR DETAILS SEE SHEETS 15 THRU 23.
4. DOOR SHALL MEET EGRESS REQUIREMENTS AS APPLICABLE PER FBC.
5. POCKETS ARE NOT PART OF THIS APPROVAL AND TO BE REVIEWED BY AHJ.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Isaac I. Chank*
Miami-Dade Product Control

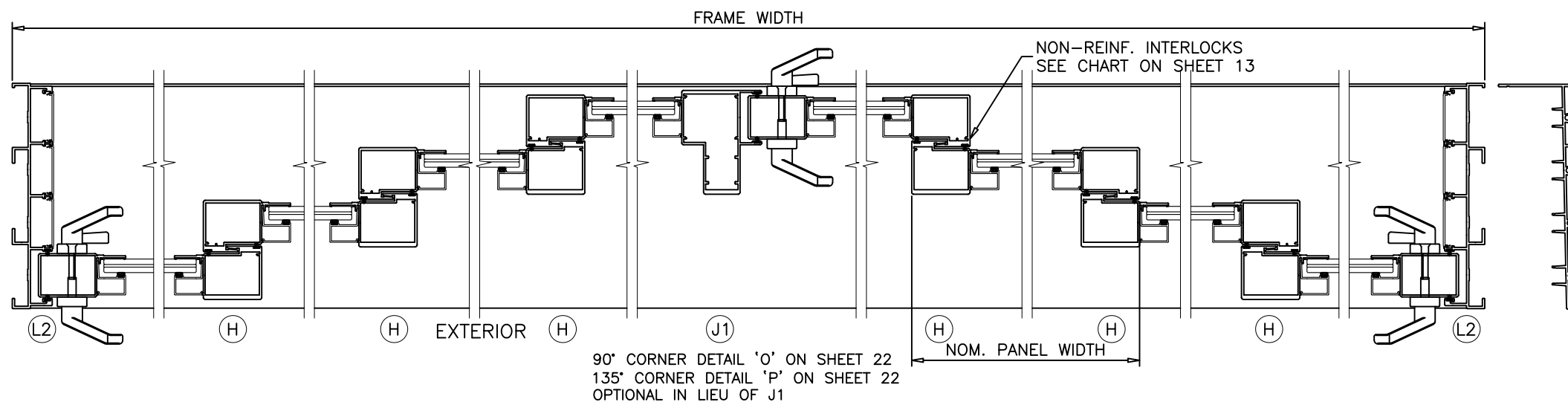
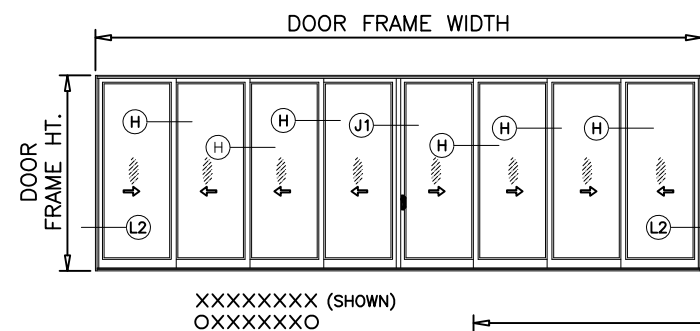
UPDATED TO 2023
BUILDING CODE.
JR - 07/07/23

Impact Resistant Windows & Doors WE'RE STRONGER™	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	SGD150LM-MI-NOA	Rev.
					B
					DWG
					No.
Impact Resistant Windows & Doors WE'RE STRONGER™ 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	SGD-150	Sheet
					8 OF 28
					Desc.
					Title





THIS APPROVAL QUALIFIES DOORS WITH APPROVED CONFIGURATIONS SHOWN WITH 90° AND 135° CORNERS WHERE STILE CONFIGURATIONS SHOWN ON SHEET 22 ARE PRESENT. FOR DOORS USING 90° & 135° CORNER STILES LIMIT MAX. DESIGN LOADS TO ±60.0 PSF



90° CORNER DETAIL 'O' ON SHEET 22
135° CORNER DETAIL 'P' ON SHEET 22
OPTIONAL IN LIEU OF J1

APPROVED CONFIGURATIONS.

FOUR (4) TRACKS
NON-POCKETED DOORS

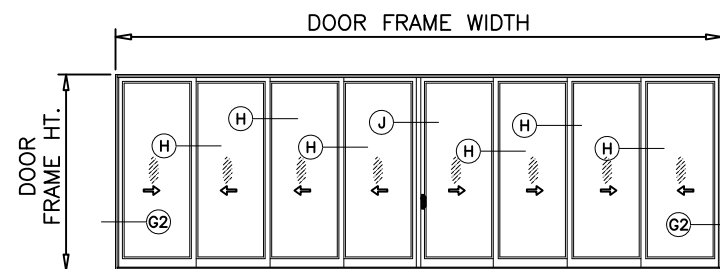
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By *Isaac I. Chanda*
Miami-Dade Product Control

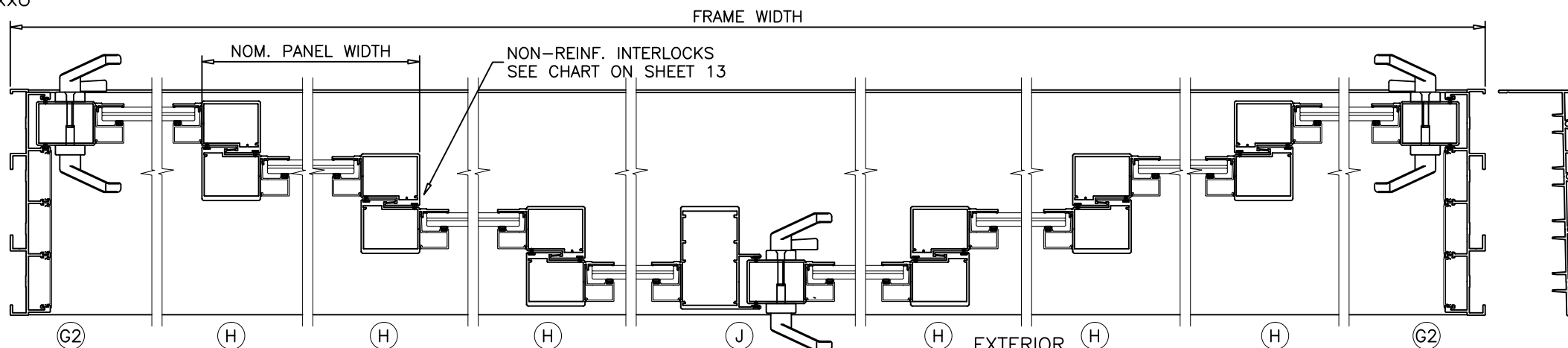
UPDATED TO 2023
BUILDING CODE.

JR - 07/07/23

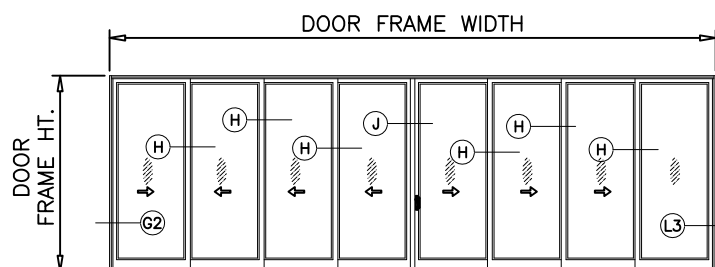
	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296	
	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		ALUMINUM SLIDING GLASS DOOR (LM)	
Impact Resistant Windows & Doors WE'RE STRONGER™		CONFIGURATIONS, 4T-NO PKTS		05/22/19
SGD-150		JENS ROSOWSKI		Date
Sheet		Drawn By		Rev.
9 OF 28		DWC No.		B
SGD150LM-NOA				



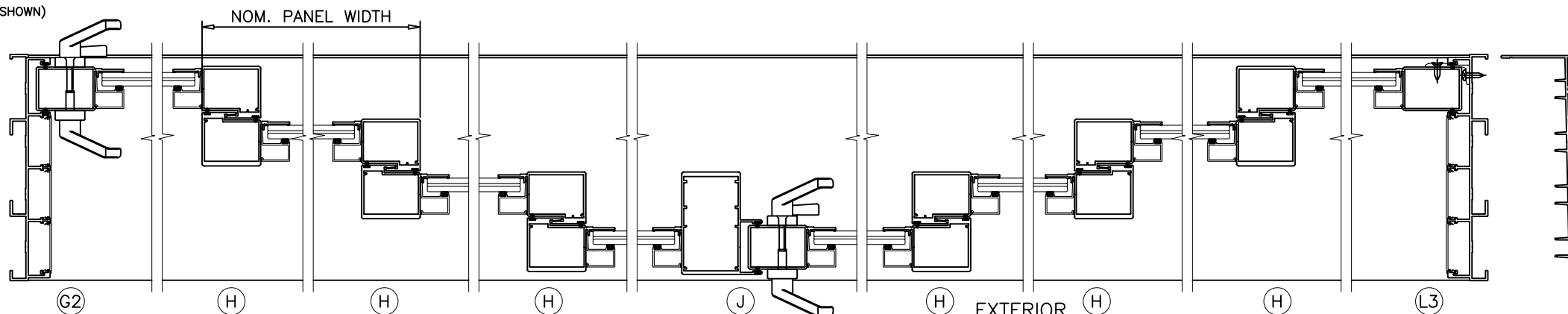
XXXXXXXX (SHOWN)
OXXXXXXO



90° CORNER DETAIL 'O' ON SHEET 22
135° CORNER DETAIL 'P' ON SHEET 22
OPTIONAL IN LIEU OF J



XXXXXXXXO (SHOWN)
OXXXXXXO



90° CORNER DETAIL 'O' ON SHEET 22
135° CORNER DETAIL 'P' ON SHEET 22
OPTIONAL IN LIEU OF J

THIS APPROVAL QUALIFIES DOORS WITH APPROVED CONFIGURATIONS SHOWN WITH 90° AND 135° CORNERS WHERE STILE CONFIGURATIONS SHOWN ON SHEET 22 ARE PRESENT. FOR DOORS USING 90° & 135° CORNER STILES LIMIT MAX. DESIGN LOADS TO ±60.0 PSF

APPROVED CONFIGURATIONS.

FOUR (4) TRACKS
NON-POCKETED DOORS

1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. FOR APPLICABLE NON REINFORCED OR REINFORCED DESIGN PRESSURES SEE SHEET 13.
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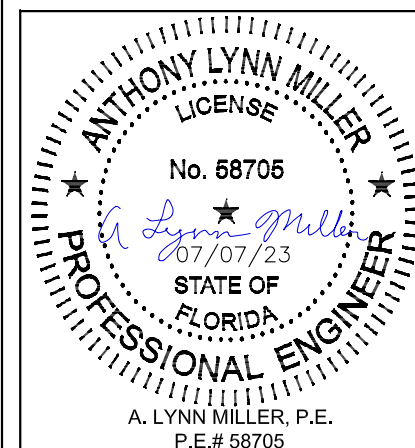
PRODUCT REVISED
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Expiration Date **09/22/2025**

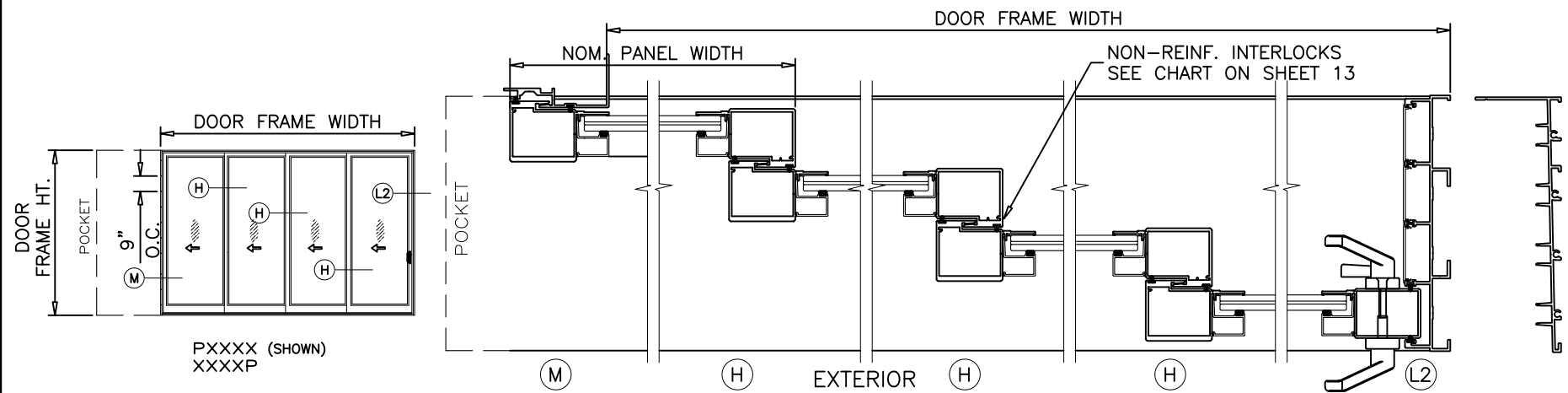
By *Isaac I. Chanda*
Miami-Dade Product Control

UPDATED TO 2023
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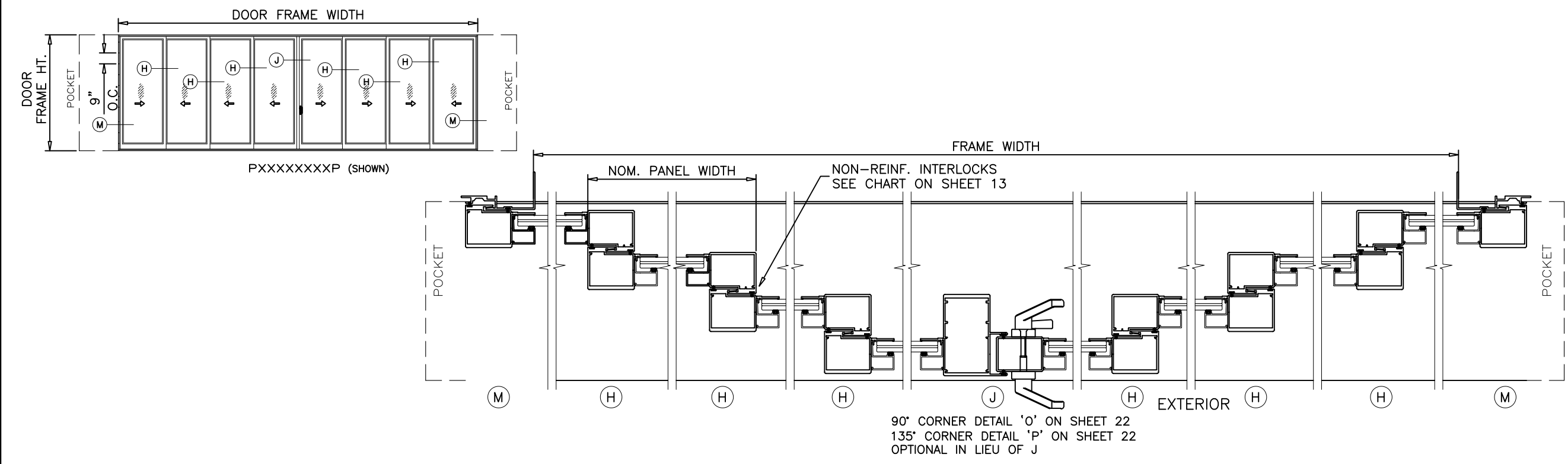
JR - 07/07/23

Impact Resistant Windows & Doors WE'RE STRONGER™	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	SGD150LM-MI-NOA	B
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	SGD-150	10 OF 28
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	SGD-150	10 OF 28





THIS APPROVAL QUALIFIES DOORS WITH APPROVED CONFIGURATIONS SHOWN WITH 90° AND 135° CORNERS WHERE STILE CONFIGURATIONS SHOWN ON SHEET 22 ARE PRESENT. FOR DOORS USING 90° & 135° CORNER STILES LIMIT MAX. DESIGN LOADS TO ±60.0 PSF



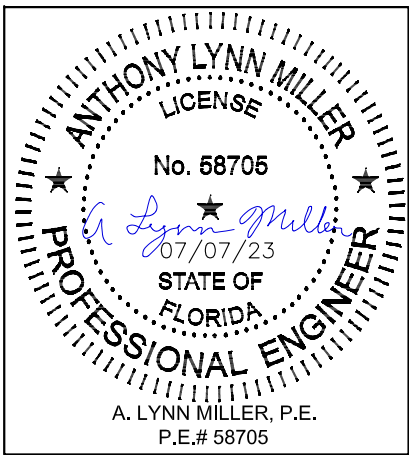
APPROVED CONFIGURATIONS.
FOUR (4) TRACKS
POCKETED DOORS

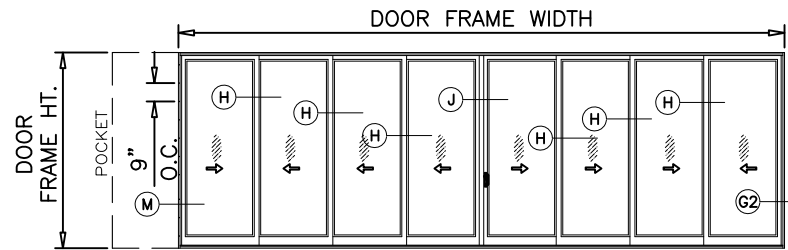
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. FOR APPLICABLE NON REINFORCED OR REINFORCED DESIGN PRESSURES SEE SHEET 13.
3. FOR ANCHOR DETAILS SEE SHEETS 15 THRU 23.
4. DOOR SHALL MEET EGRESS REQUIREMENTS AS APPLICABLE PER FBC.
5. POCKETS ARE NOT PART OF THIS APPROVAL AND TO BE REVIEWED BY AHJ.

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NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Isaac I. Chande*
Miami-Dade Product Control

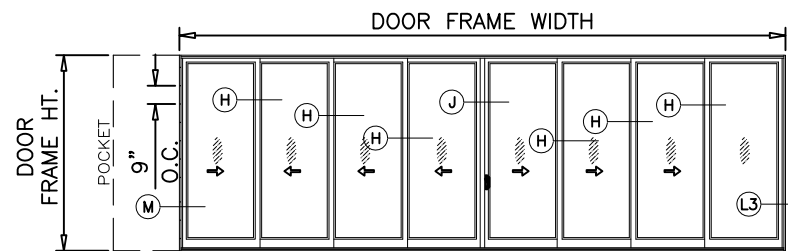
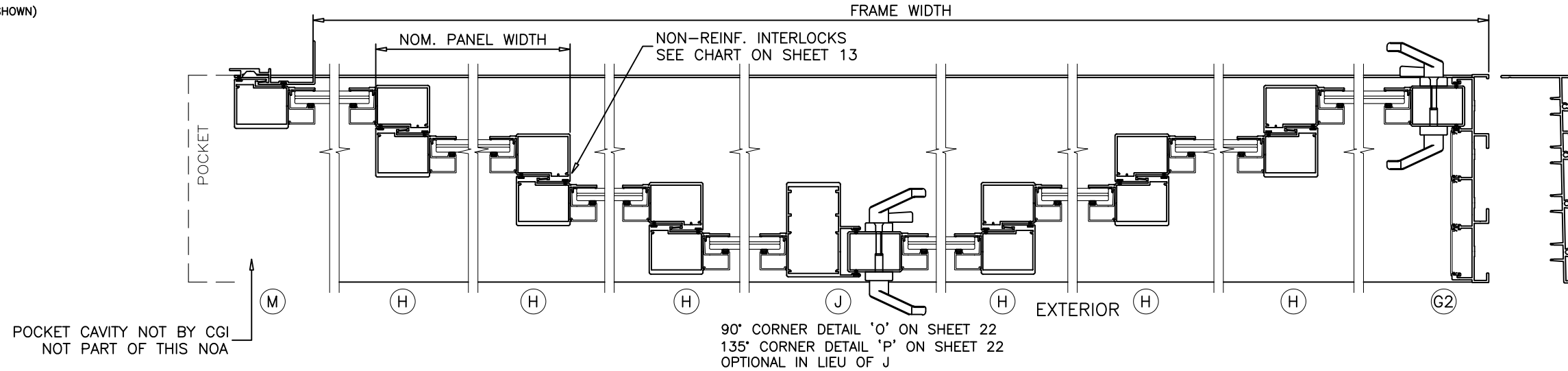
Revision:
UPDATED TO 2023
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 Impact Resistant Windows & Doors WE'RE STRONGER™		3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296	
Title		ALUMINUM SLIDING GLASS DOOR (LM)		Date		05/22/19	
Series Desc.		CONFIGURATIONS, 4T-PKTS		Drawn By		JENS ROSOWSKI	
SGD-150		Sheet		11 OF 28		DWC No.	
				SGD150LMI-NOA		Rev. B	

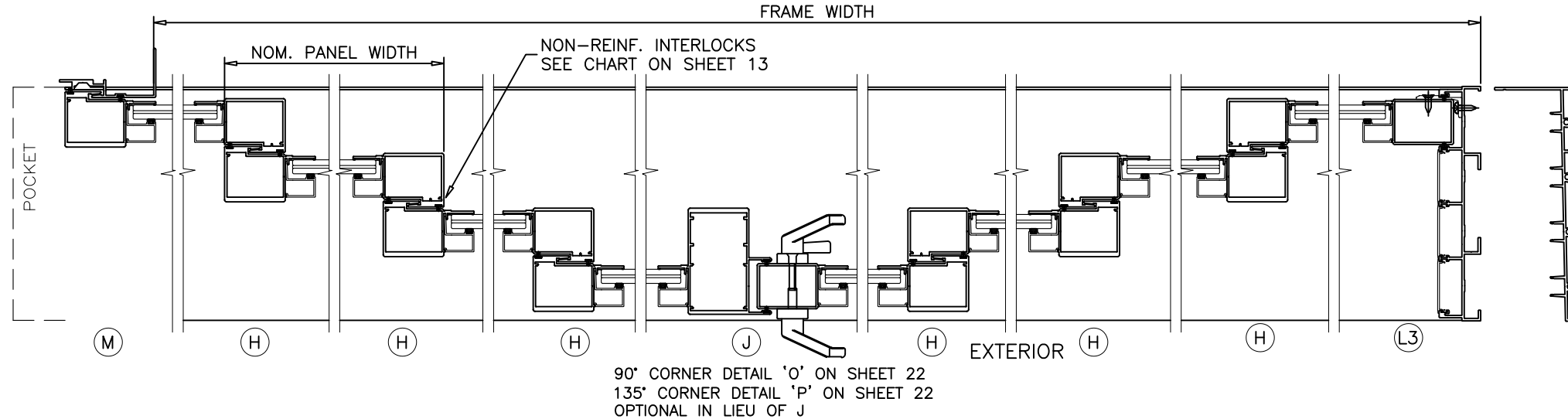




PXXXXXXX (SHOWN)
 XXXXXXXXP
 OXXXXXXXP



PXXXXXXXO (SHOWN)



90° CORNER DETAIL 'O' ON SHEET 22
 135° CORNER DETAIL 'P' ON SHEET 22
 OPTIONAL IN LIEU OF J

THIS APPROVAL QUALIFIES DOORS WITH APPROVED CONFIGURATIONS SHOWN WITH 90° AND 135° CORNERS WHERE STILE CONFIGURATIONS SHOWN ON SHEET 22 ARE PRESENT. FOR DOORS USING 90° & 135° CORNER STILES LIMIT MAX. DESIGN LOADS TO ±60.0 PSF

APPROVED CONFIGURATIONS.

FOUR (4) TRACKS
POCKETED DOORS

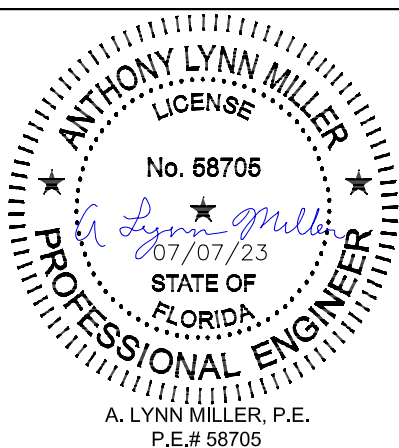
1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. FOR APPLICABLE NON REINFORCED OR REINFORCED DESIGN PRESSURES SEE SHEET 13.
3. FOR ANCHOR DETAILS SEE SHEETS 15 THRU 23.
4. DOOR SHALL MEET EGRESS REQUIREMENTS AS APPLICABLE PER FBC.
5. POCKETS ARE NOT PART OF THIS APPROVAL AND TO BE REVIEWED BY AHJ.

PRODUCT REVISED
 as complying with the Florida
 Building Code
NOA-No. 23-0803.06
Expiration Date 09/22/2025
 By *Isaac I. Chank*
Miami-Dade Product Control

UPDATED TO 2023
 BUILDING CODE.

JR - 07/07/23

Impact Resistant Windows & Doors WE'RE STRONGER™	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	05/22/19	B
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	CONFIGURATIONS, 4T-PKTS	SGD-150	12 OF 28	SGD150LM-MI-NOA



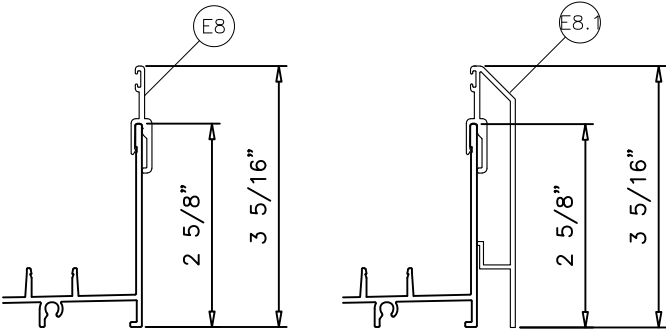
Design Pressure (psf) for Reinforced Doors

			82"	84"	90"	96"	102"		108"		114"		120"	
			72-5/16" DLO	74-5/16" DLO	80-5/16 DLO	86-5/16" DLO	92-5/16" DLO		98-5/16" DLO		104-5/16" DLO		110-5/16" DLO	
			Glass Type	Glass Type	Glass Type	Glass Type	Glass Type		Glass Type		Glass Type		Glass Type	
			B & B1	B & B1	B & B1	B & B1	A & A1	B & B1	A & A1	B & B1	A & A1	B & B1	A & A1	B & B1
Nominal Panel Width	24-1/8"	18-1/8" DLO	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	30-1/8"	24-1/8" DLO	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	36-1/8"	30-1/8" DLO	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	42-1/8"	36-1/8" DLO	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	48-1/8"	42-1/8" DLO	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	53-1/8"	47-1/8" DLO	+/- 71.1	+/- 71.1	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	-	-	-	-
	54-1/8"	48-1/8" DLO	+/- 71.1	+/- 71.1	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	-	-	-	-	-	-

Design Pressure (psf) for Non-Reinforced Doors

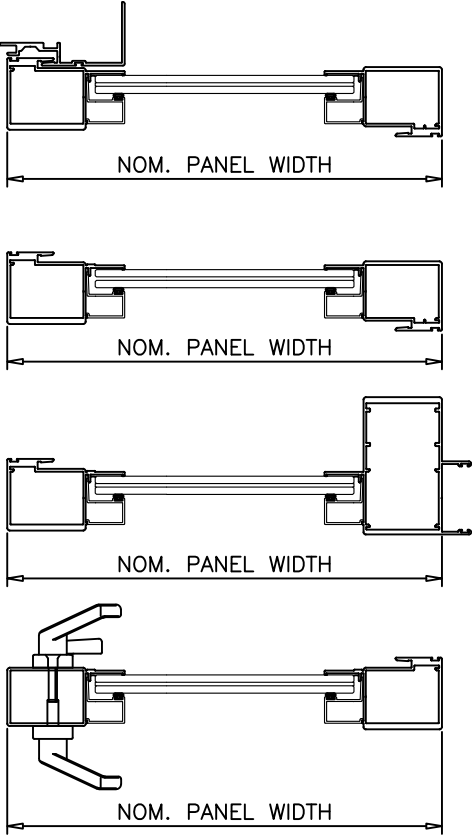
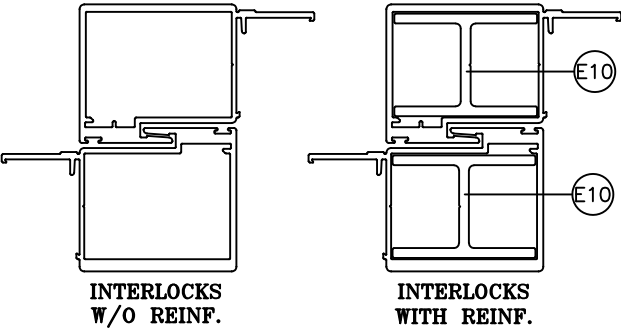
			Door Frame Height			
			82"	84"	90"	96"
			72-5/16" DLO	74-5/16" DLO	80-5/16 DLO	86-5/16" DLO
			Glass Type	Glass Type	Glass Type	Glass Type
			A & A1	A & A1	A & A1	A & A1
Nominal Panel Width	24-1/8"	18-1/8" DLO	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	30-1/8"	24-1/8" DLO	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	36-1/8"	30-1/8" DLO	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	42-1/8"	36-1/8" DLO	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	48-1/8"	42-1/8" DLO	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	54-1/8"	48-1/8" DLO	+/- 53.3	+/- 53.3	-	-

- NOTES:
- 1) GLASS CAPACITIES LISTED ON THIS SHEET TO BE USED IN CONJUNCTION WITH ANCHOR CHARTS ON SHEET 15 LOWER APPLICABLE VALUES CONTROL. APPLICABLE TO ALL TRACK FRAMES. PLEASE SEE FOLLOWING SHEETS FOR DETAILS.
- 2) INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ACCEPTABLE.



SILL RISER ITEMS E8 OR E8.1 ARE REQUIRED FOR LOADS ABOVE +60.0 PSF ONLY.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

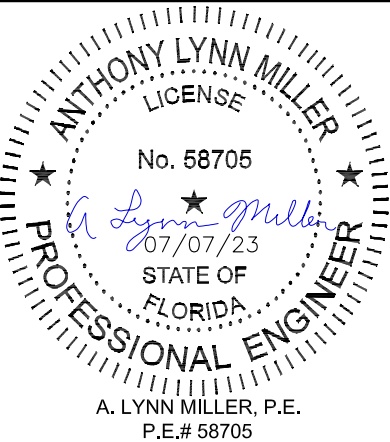


APPLICABLE FBC EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By Isaac L. Chanda
Miami-Dade Product Control

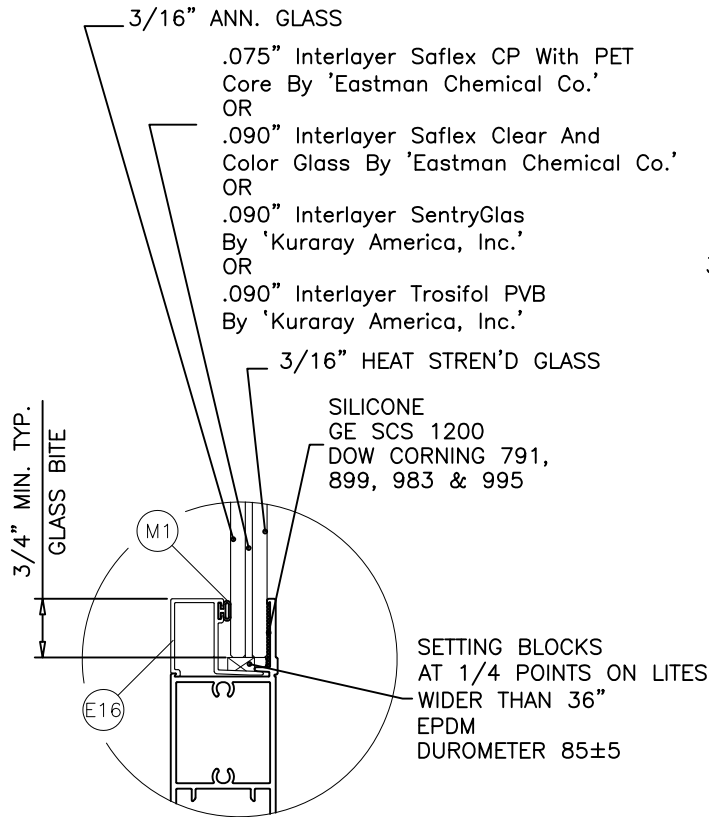
UPDATED TO 2023 BUILDING CODE.
TABLE RE-FORMATTED.
JR - 07/07/23

Rev.		B	
JENS ROSOWSKI		SGD150LMI-NOA	
By		No.	
JENS ROSOWSKI		13 OF 28	
Date		Sheet	
05/22/19		SGD-150	
Title		Desc.	
ALUMINUM SLIDING GLASS DOOR (LM)		Series	
REGISTRATION #29296		GLAZIND DP	
(941) 480-1600		Impact Resistant Windows & Doors	
1070 TECHNOLOGY DRIVE		3780 W 104TH STREET	
N. VENICE, FL 34275		HIALEAH, FL 33018	
PREPARED BY A. LYNN MILLER		(305) 593-6590	



GLAZING OPTIONS

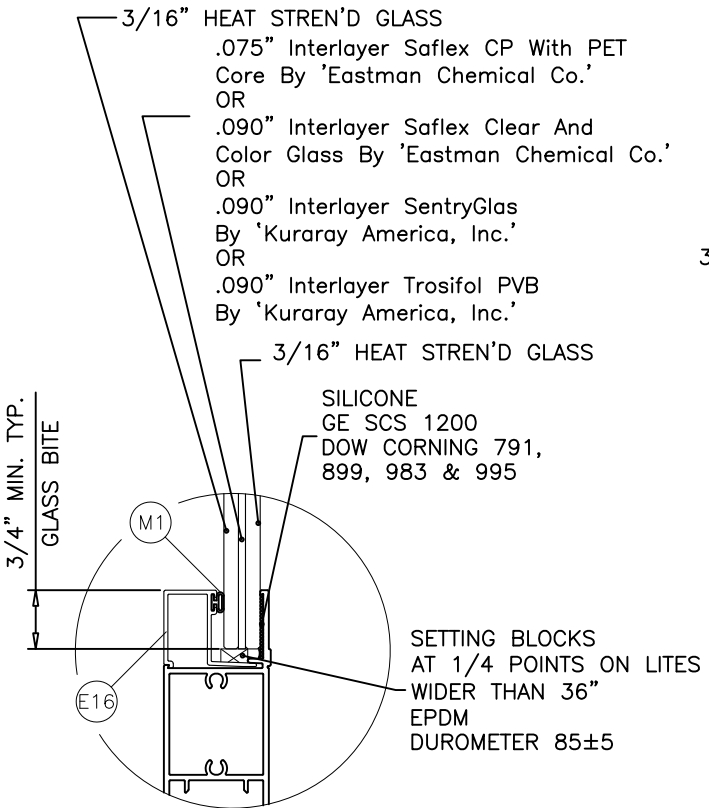
EXTERIOR



GLASS TYPE 'A'

7/16" OVERALL LAM. GLASS

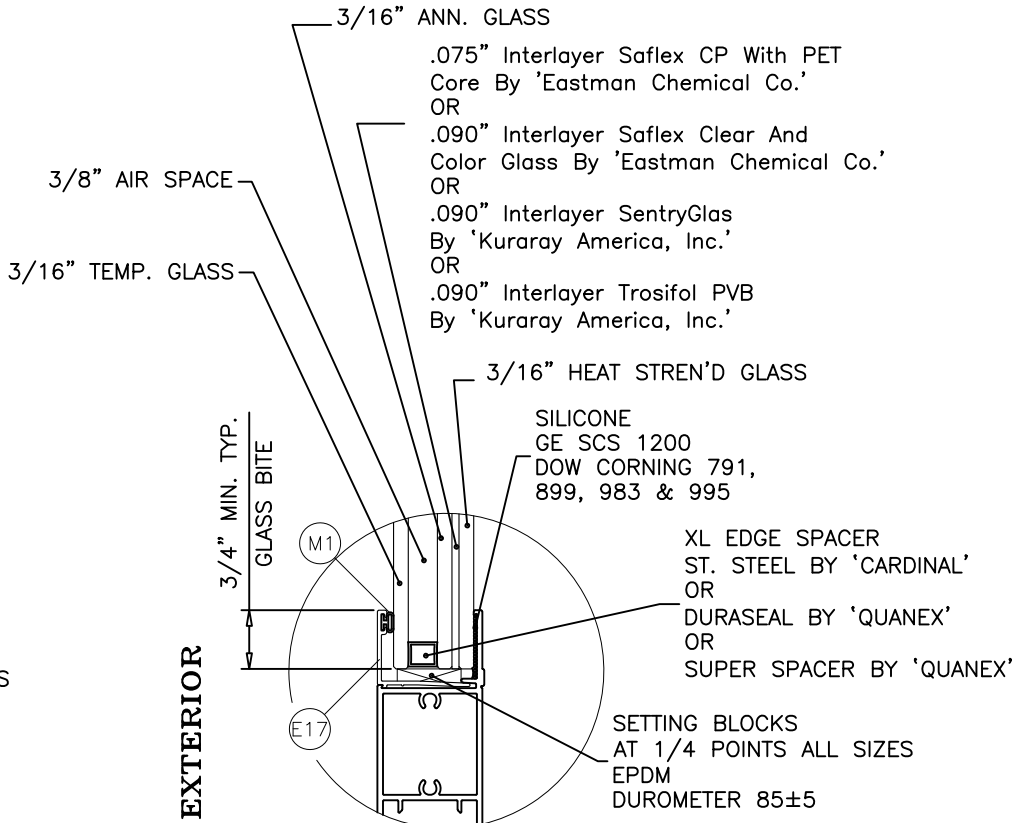
EXTERIOR



GLASS TYPE 'B'

7/16" OVERALL LAM. GLASS

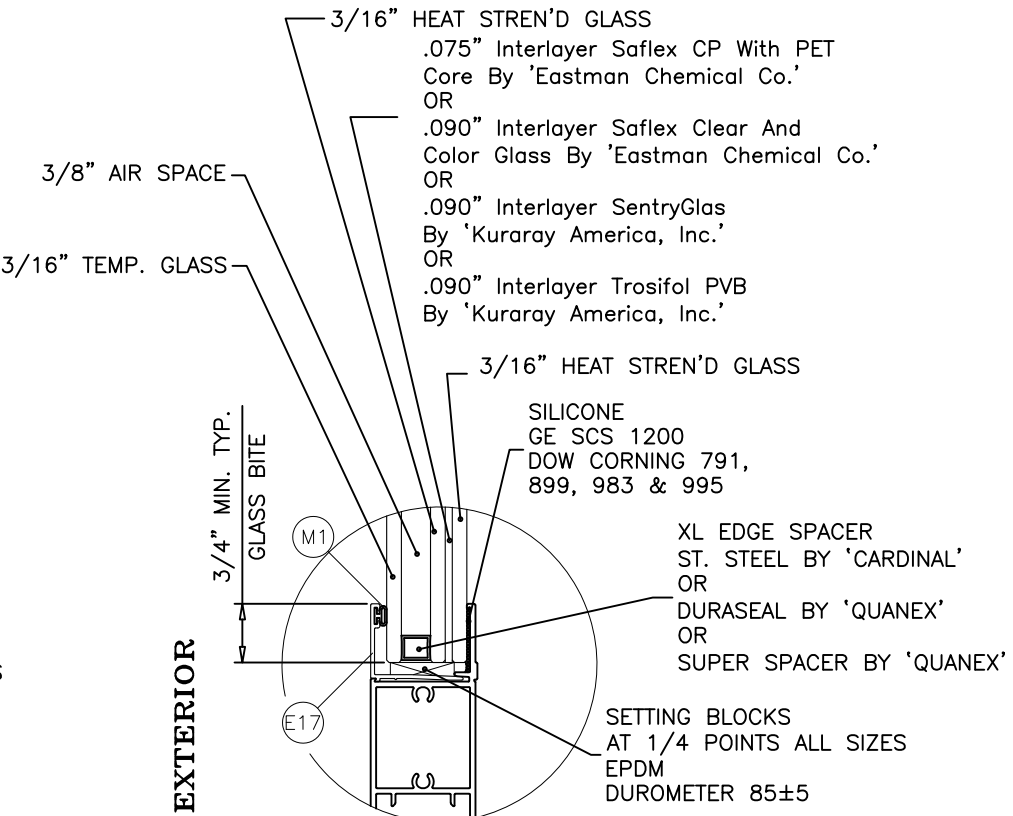
EXTERIOR



GLASS TYPE 'A1'

1" OVERALL INSUL. LAM. GLASS

EXTERIOR



GLASS TYPE 'B1'

1" OVERALL INSUL. LAM. GLASS

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A' - 1/4" KWIK-CON II+ BY 'HILTI' (Fu=138 KSI, Fy=137 KSI)
AT HEAD, SILL & JAMBS INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD

TYPE 'B' - 1/4" ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
AT HEAD OR JAMBS THRU 1BY BUCKS OR DIRECTLY INTO CONCRETE
1-3/4" MIN. EMBED INTO CONCRETE
1-1/4" MIN. EMBED INTO CONCRETE OR MASONRY (@ JAMBS)

TYPE 'C' - 1/4" DIA. SELF DRILLING SCREWS (GRADE 5 CRS)
AT HEAD OR JAMBS INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPE 'B2' - 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
AT SILL DIRECTLY INTO CONCRETE
1-3/4" MIN. EMBED INTO CONCRETE
1/4" KWIK-CON II+ BY 'HILTI' (Fu=138 KSI, Fy=137 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD

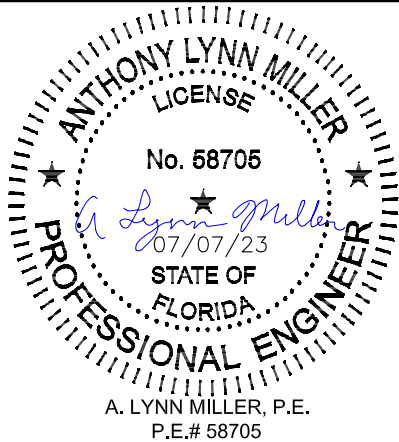
DEWALT ULTRACON+ AND HILTI KWIK-CON II+ ANCHORS LIMITED TO A MAX. SHIM SPACE OF 1/4".

ANCHOR EDGE DISTANCES
INTO CONCRETE OR MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.
WOOD AT HEAD OR JAMBS 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.

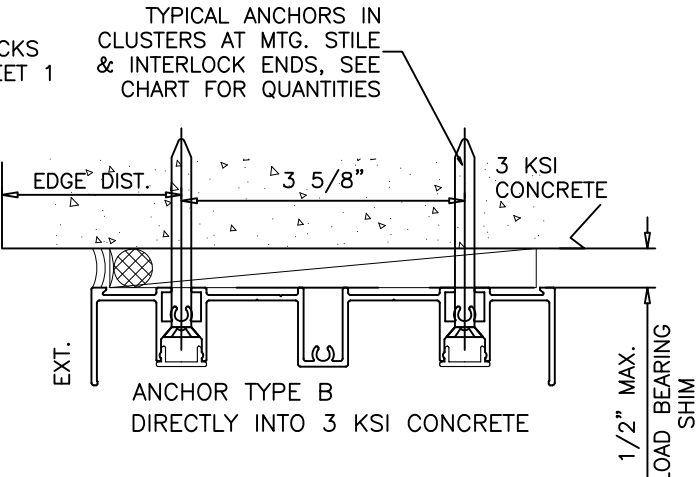
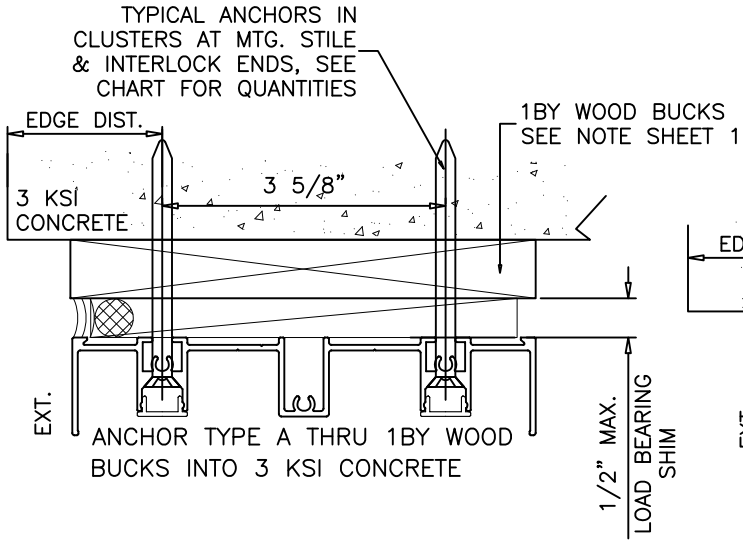
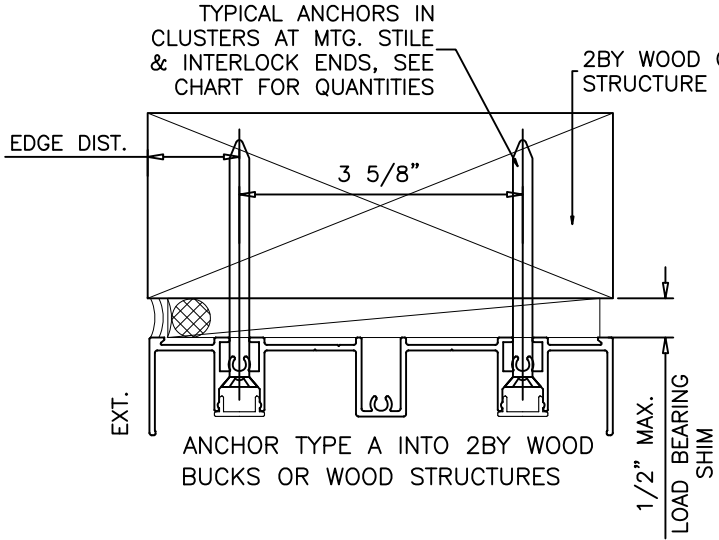
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0803.06
Expiration Date 09/22/2025
By Ishag I. Chande
Miami-Dade Product Control

UPDATED TO 2023
BUILDING CODE.
REMOVED ELCO
ULTRACON ANCHORS.
JR - 07/07/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	05/22/19	JENS ROSOWSKI	SGD150LMI-NOA	B
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	GLASS & ANCHOR TYPES	SGD-150	14 OF 28



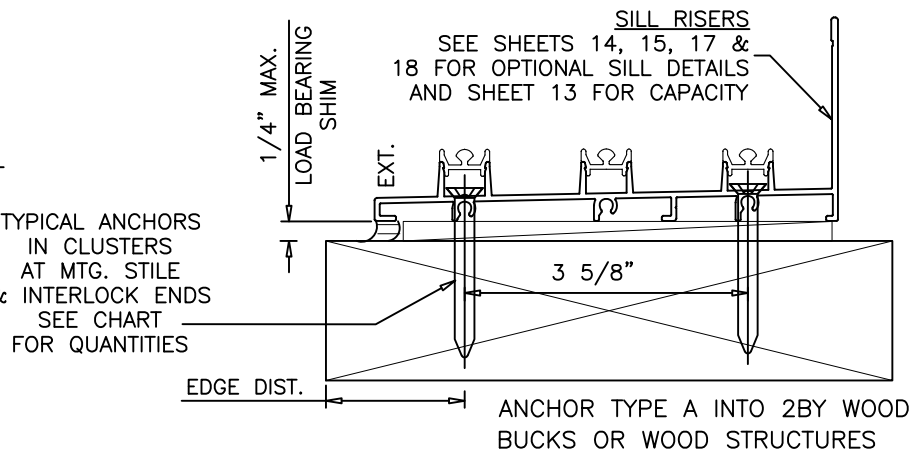
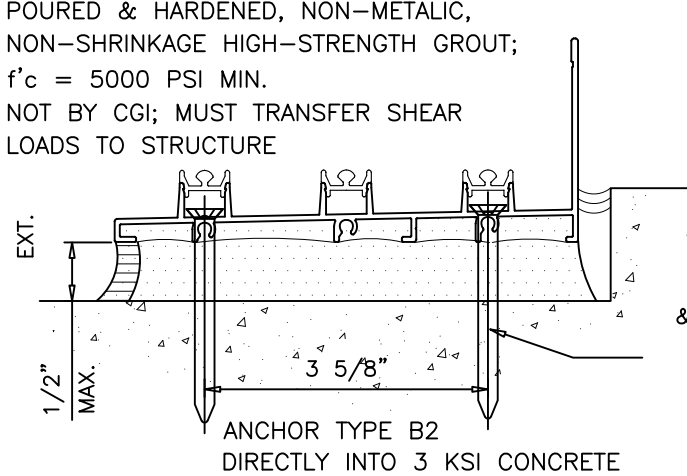
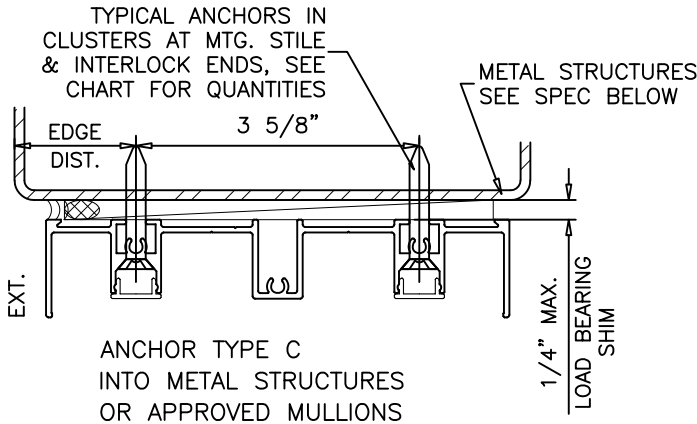
Design Pressure (psf) with required Anchor Quantities																		
Suitable for all approved configurations shown on Sheets 7-12. For corner astragal anchorage on 90° or 135° corner units, see sheet 22.		# of Anchors at Stile or Interlock Cluster	Door Frame Height															
			82"		84"		90"		96"		102"		108"		114"		120"	
			72-5/16" DLO		74-5/16" DLO		80-5/16 DLO		86-5/16" DLO		92-5/16" DLO		98-5/16" DLO		104-5/16" DLO		110-5/16" DLO	
			Anchor Group		Anchor Group		Anchor Group		Anchor Group		Anchor Group		Anchor Group		Anchor Group		Anchor Group	
Nominal Panel Width	24-1/8"	18-1/8" DLO	4 Anchors	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
				+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 79.7	+/- 75.6	+/- 73.8	+/- 69.9	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 57.2	+/- 56.9	+/- 54.0
	30-1/8"	24-1/8" DLO	6 Anchors	-	-	-	-	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	-	-	-	-	+/- 60.0	+/- 60.0	+/- 60.0
			8 Anchors	-	-	-	-	-	-	-	-	-	-	-	-	+/- 60.0	+/- 60.0	+/- 60.0
	36-1/8"	30-1/8" DLO	4 Anchors	+/- 80.0	+/- 76.2	+/- 75.5	+/- 71.6	+/- 69.2	+/- 65.6	+/- 63.9	+/- 60.6	+/- 59.3	+/- 56.2	+/- 55.3	+/- 52.5	+/- 51.9	+/- 49.2	+/- 48.8
			6 Anchors	-	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
			8 Anchors	-	-	-	-	-	-	-	-	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	42-1/8"	36-1/8" DLO	4 Anchors	+/- 72.4	+/- 68.7	+/- 67.8	+/- 64.3	+/- 61.9	+/- 58.7	+/- 57.0	+/- 54.0	+/- 52.7	+/- 50.0	+/- 49.1	+/- 46.6	+/- 45.9	+/- 43.6	+/- 43.1
			6 Anchors	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
			8 Anchors	-	-	-	-	-	+/- 80.0	+/- 80.0	+/- 80.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	48-1/8"	42-1/8" DLO	4 Anchors	+/- 66.8	+/- 63.4	+/- 62.3	+/- 59.1	+/- 56.7	+/- 53.7	+/- 51.9	+/- 49.3	+/- 47.9	+/- 45.5	+/- 44.5	+/- 42.2	+/- 41.5	+/- 39.4	+/- 38.9
			6 Anchors	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 77.9	+/- 73.9	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 59.1	+/- 58.4
			8 Anchors	-	-	-	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 80.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0	+/- 60.0
	53-1/8"	47-1/8" DLO	4 Anchors	+/- 62.8	+/- 59.5	+/- 58.4	+/- 55.3	+/- 44.3	+/- 42.0	+/- 44.3	+/- 42.0	+/- 44.3	+/- 42.0	+/- 41.6	+/- 39.4	-	-	-
			6 Anchors	+/- 71.1	+/- 71.1	+/- 71.1	+/- 71.1	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	-	-	-
	54-1/8"	48-1/8" DLO	4 Anchors	+/- 62.8	+/- 59.5	+/- 58.4	+/- 55.3	+/- 44.3	+/- 42.0	+/- 44.3	+/- 42.0	+/- 44.3	+/- 42.0	-	-	-	-	-
			6 Anchors	+/- 71.1	+/- 71.1	+/- 71.1	+/- 71.1	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	+/- 54.4	-	-	-	-	-



LIMIT EXT.(+) LOADS TO 60.0 PSF FOR DOORS W/O REINFORCING ALL SIZES.

LIMIT EXT.(+) LOADS TO 80.0 PSF FOR DOORS W/ REINFORCEMENT UP TO 96" IN HEIGHT.

LIMIT EXT.(+) LOADS TO 60.0 PSF FOR DOORS W/ REINFORCEMENT ABOVE 96" IN HEIGHT UP TO 120" IN HIGHT.



- NOTES:
- 1) ANCHOR CAPACITIES LISTED ON THIS SHEET TO BE USED IN CONJUNCTION WITH GLASS CHARTS ON SHEET 13 LOWER APPLICABLE VALUES CONTROL. 3 TRACK SYSTEM SHOWN ALSO APPLICABLE TO 2 AND 4 TRACK FRAMES. PLEASE SEE FOLLOWING SHEETS FOR DETAILS.
- 2) INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ACCEPTABLE.
- 3) WOOD BUCKS AND METAL STRUCTURES NOT BY CGI WINDOWS MUST SUSTAIN LOADS MPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.
- 4) INSTALLATION CONDITIONS SHOWN APPLY TO BOTH 2 TRACK AND 3 TRACK SYSTEMS WITH STD. FRAME HEAD AND SILL.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0803.06
Expiration Date 09/22/2025
By Ishag I. Chande
Miami-Dade Product Control

UPDATED TO 2023
BUILDING CODE. TABLE
FORMATTED & ANCHOR
TYPES TO SHEET 14.
JR - 07/07/23

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Impact Resistant
Windows & Doors
WE'RE STRONGER™

3780 W 104TH STREET
HIALEAH, FL 33018
(305) 593-6590

05/22/19
Date

JENS ROSOWSKI
By

SGD150LMI-NOA
DWC No.

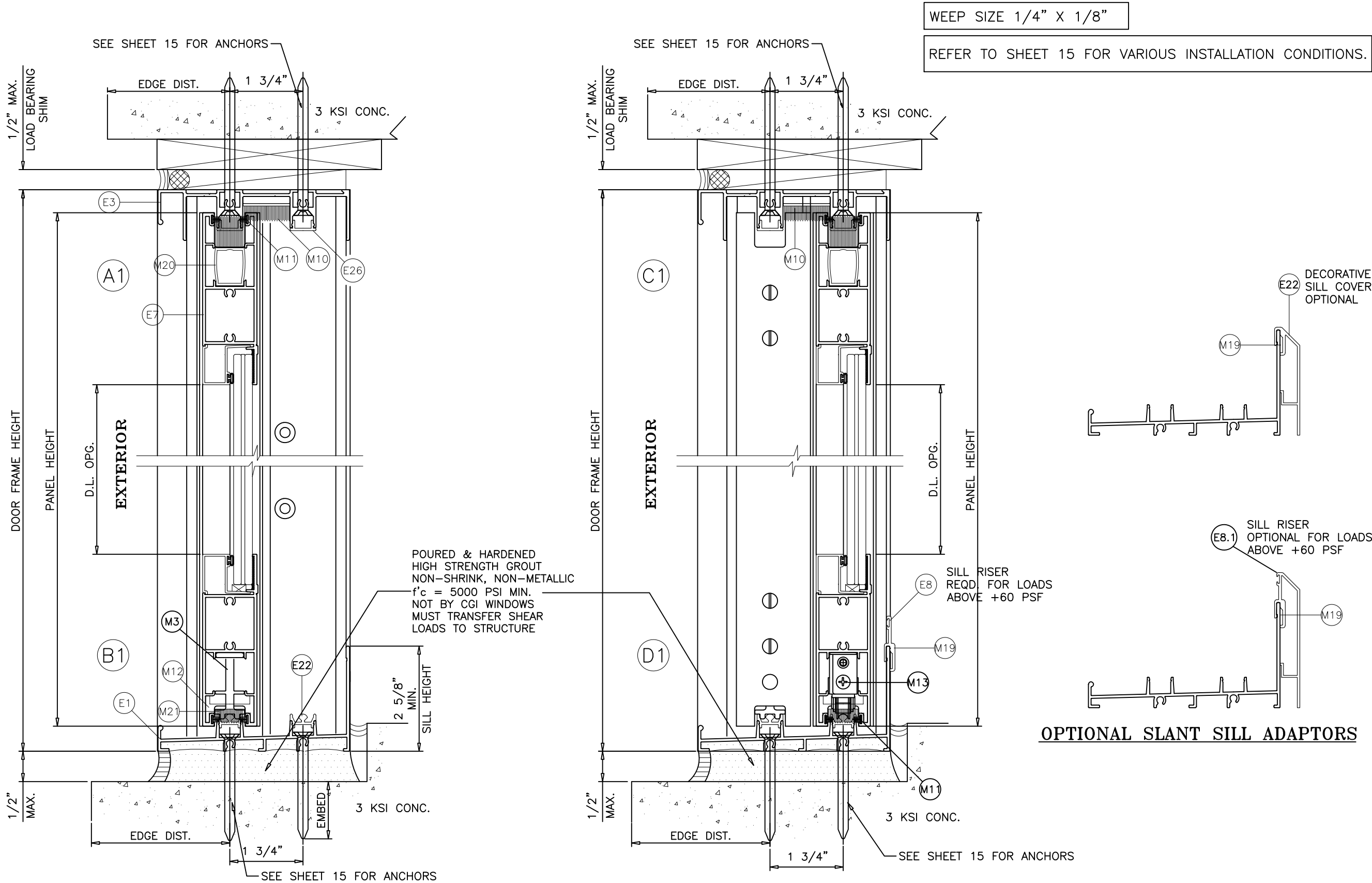
15 OF 28
Sheet

SGD-150
Series

ALUMINUM SLIDING GLASS DOOR (LM)
Title

ANTHONY LYNN MILLER
LICENSE
No. 58705
07/07/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

2 TRACK DOOR VERTICAL DETAILS

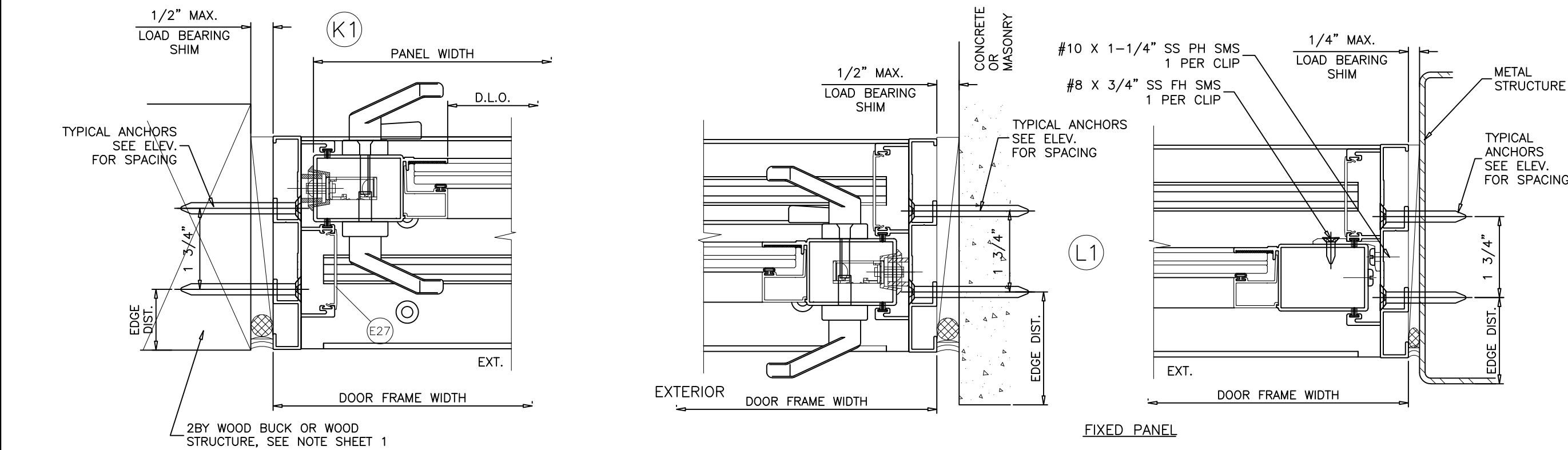
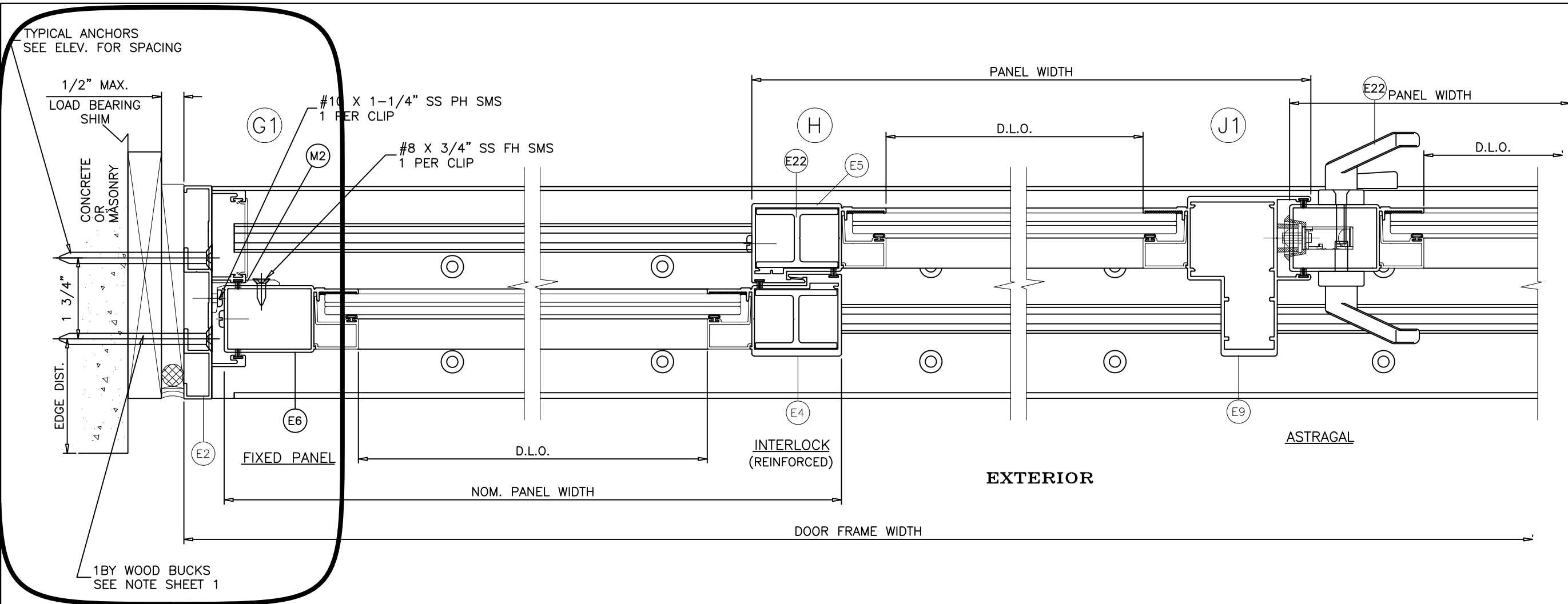


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Isaac L. Chanda*
Miami-Dade Product Control

Revision: UPDATED TO 2023
BUILDING CODE.
JR - 07/07/23

Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	REGISTRATION #29296	05/22/19	JENS ROSOWSKI	SGD150LM-MI-NOA	B				
							ALUMINUM SLIDING GLASS DOOR (LM)	SGD-150		
									VERTICAL 2 TRACK DETAILS	16 OF 28

ANTHONY LYNN MILLER
LICENSE
No. 58705
07/07/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



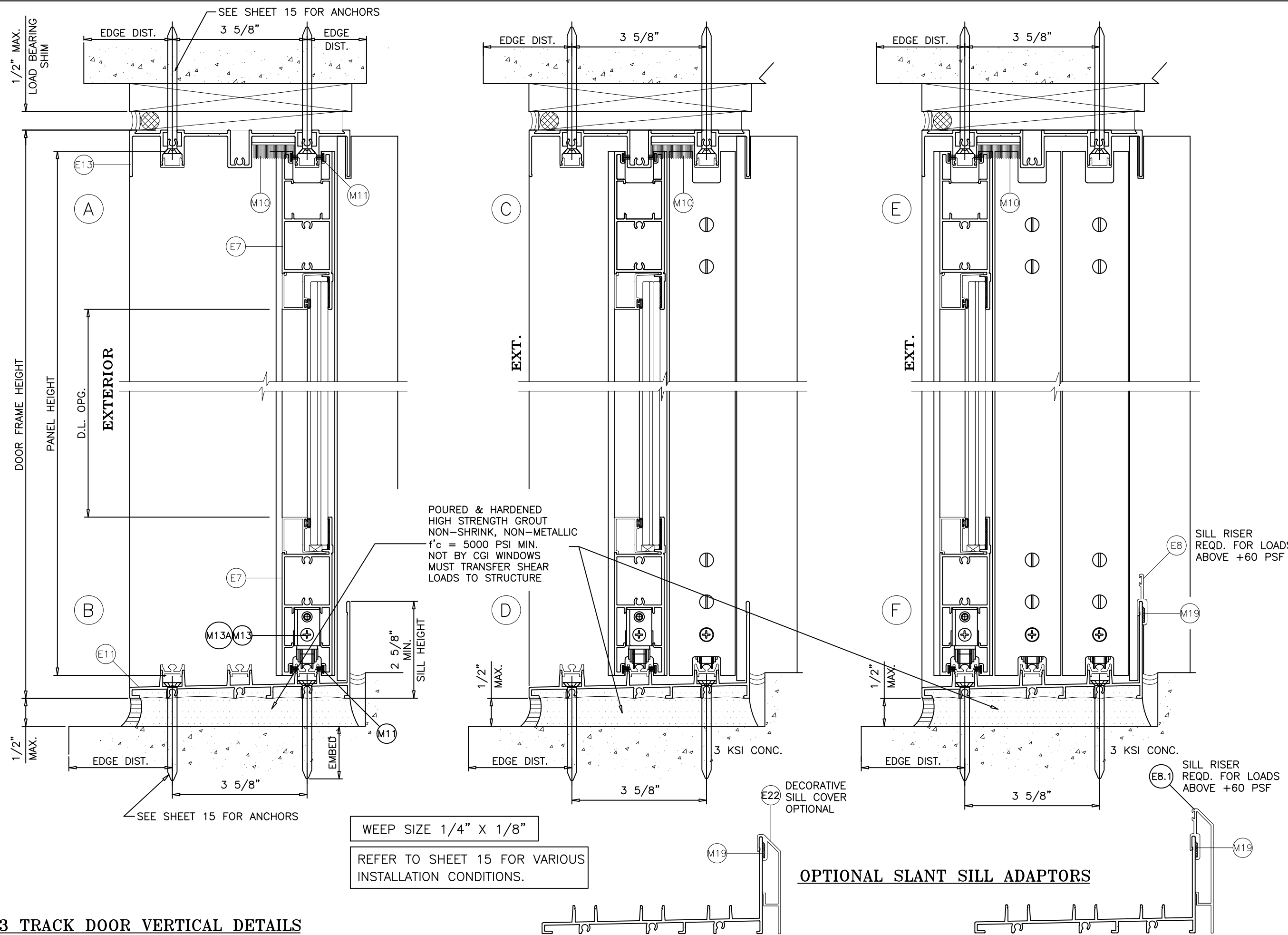
2 TRACK DOOR HORIZONTAL DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Ishaq I. Chande*
Miami-Dade Product Control

Revision: UPDATED TO 2023
BUILDING CODE.
JR - 07/07/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	05/22/19	JENS ROSOWSKI	SGD150LMI-NOA	Rev.	B
		By					
		DWG	No.				
		Sheet					
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)		HORIZONTAL 2 TRACK DETAILS		SGD-150	

ANTHONY LYNN MILLER
LICENSE
No. 58705
A. Lynn Miller
07/07/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

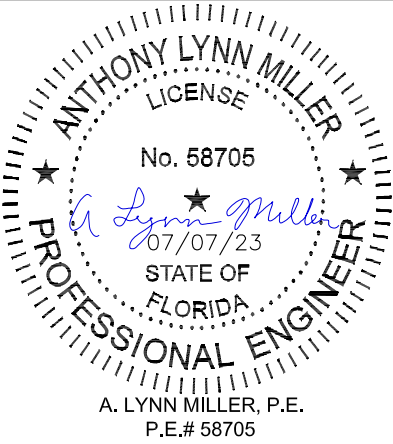


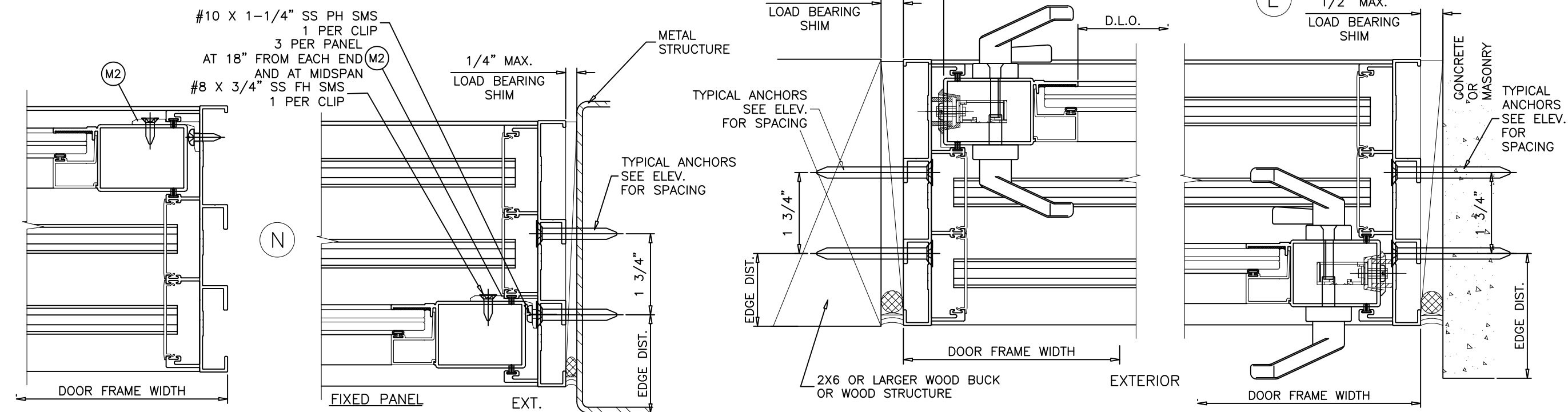
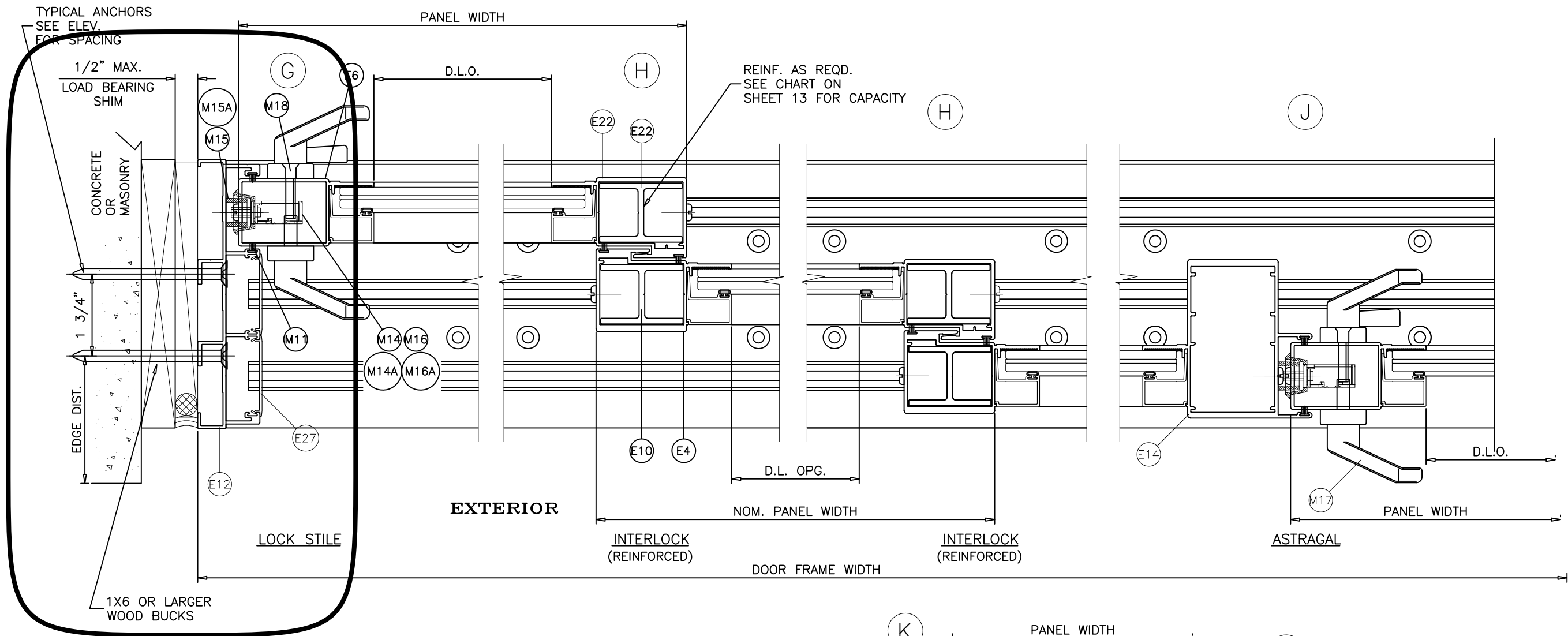
3 TRACK DOOR VERTICAL DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By Ishaq I. Chande
Miami-Dade Product Control

Revision: UPDATED TO 2023
BUILDING CODE.
JR - 07/07/23

 Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		REGISTRATION #29296		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
	ALUMINUM SLIDING GLASS DOOR (LM)		05/22/19		JENS ROSOWSKI	
VERTICAL 3 TRACK DETAILS		By		Rev.		
SGD-150		18 OF 28		SGD150LMI-NOA		
Sheet		Dwg		B		



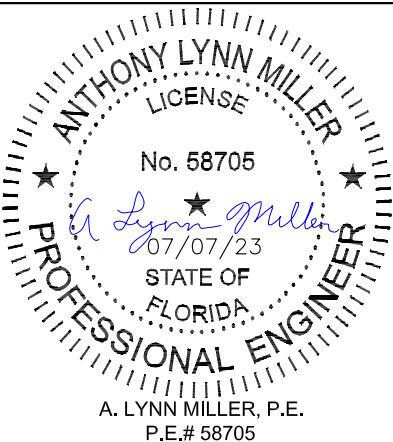


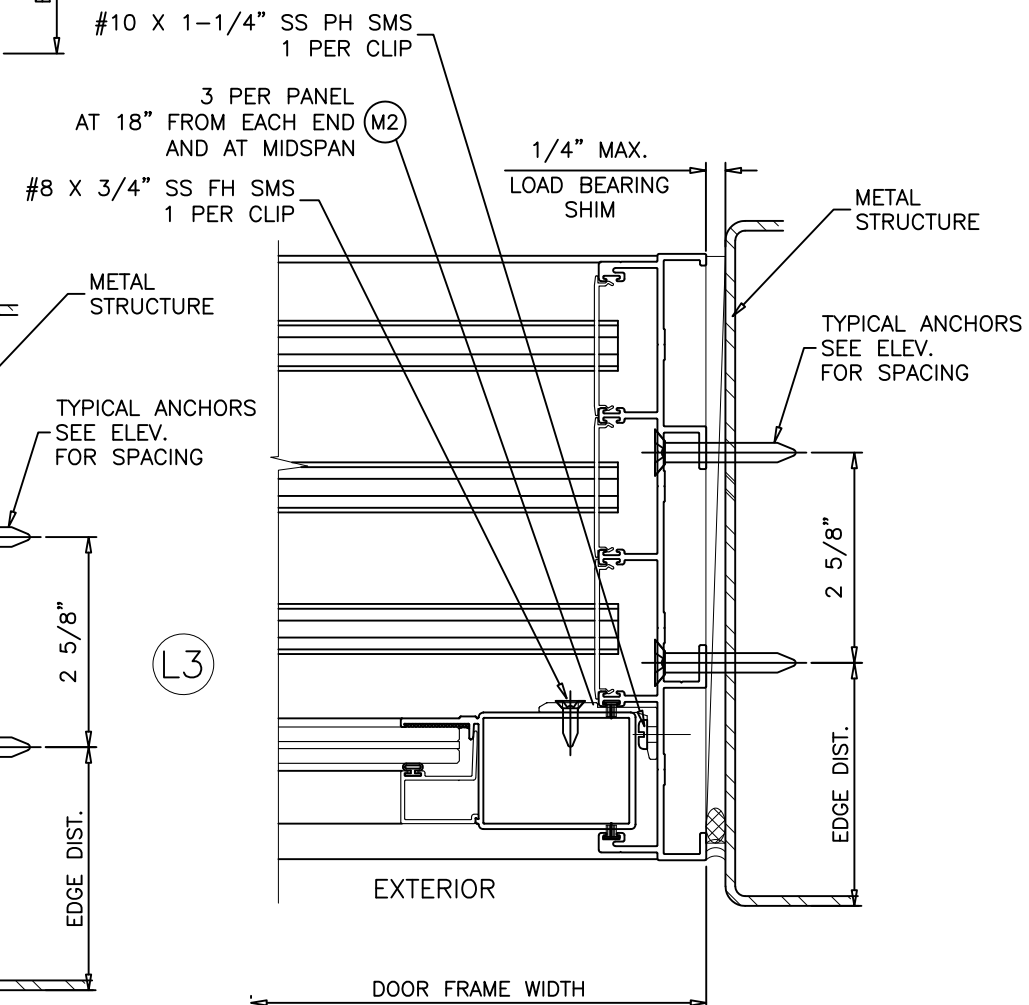
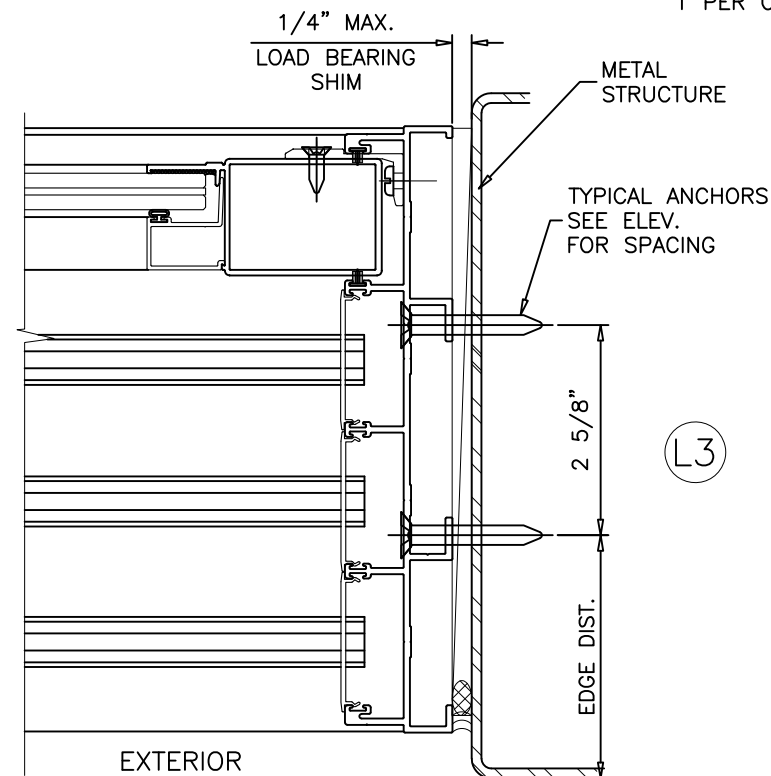
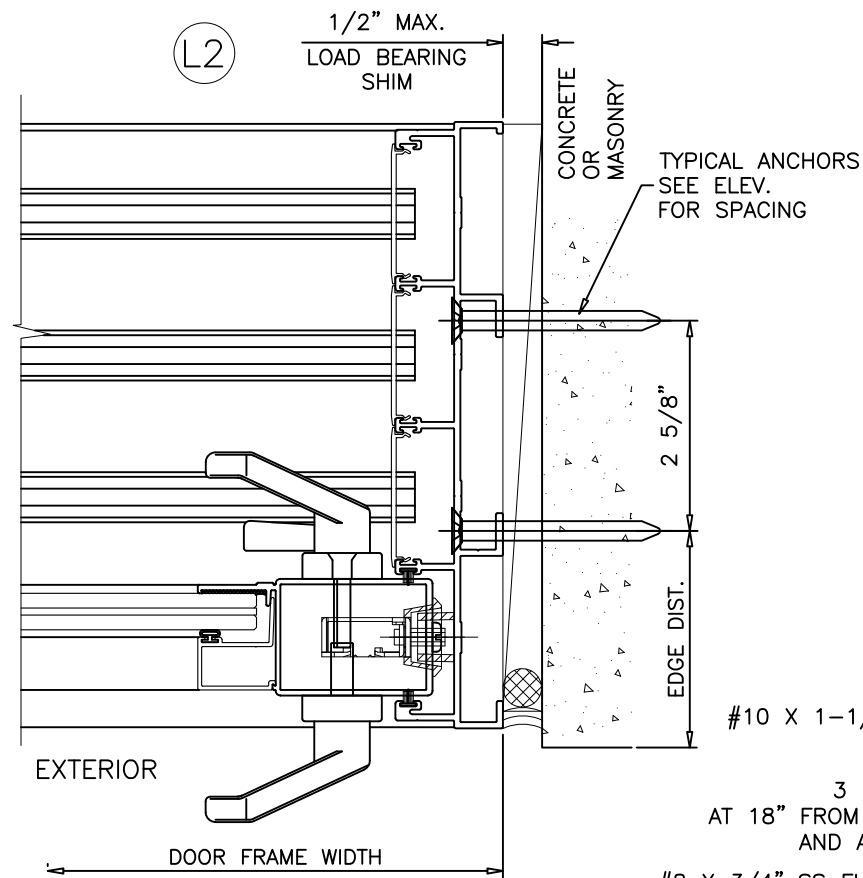
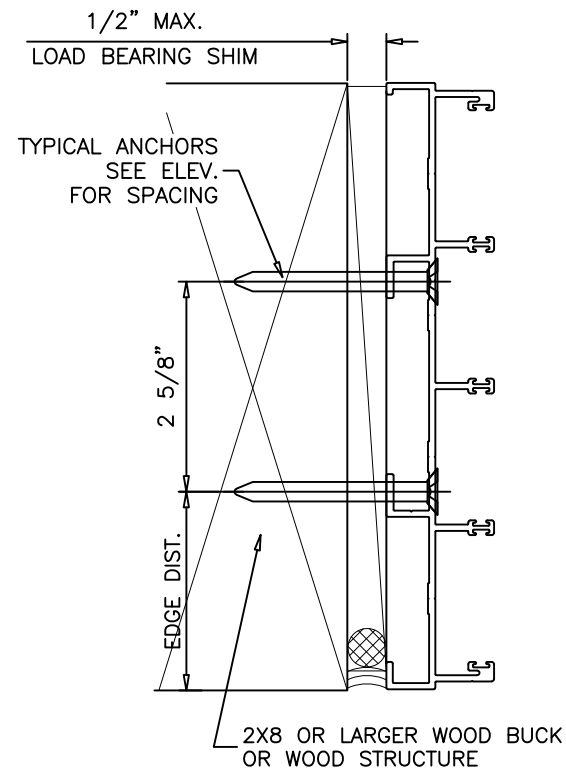
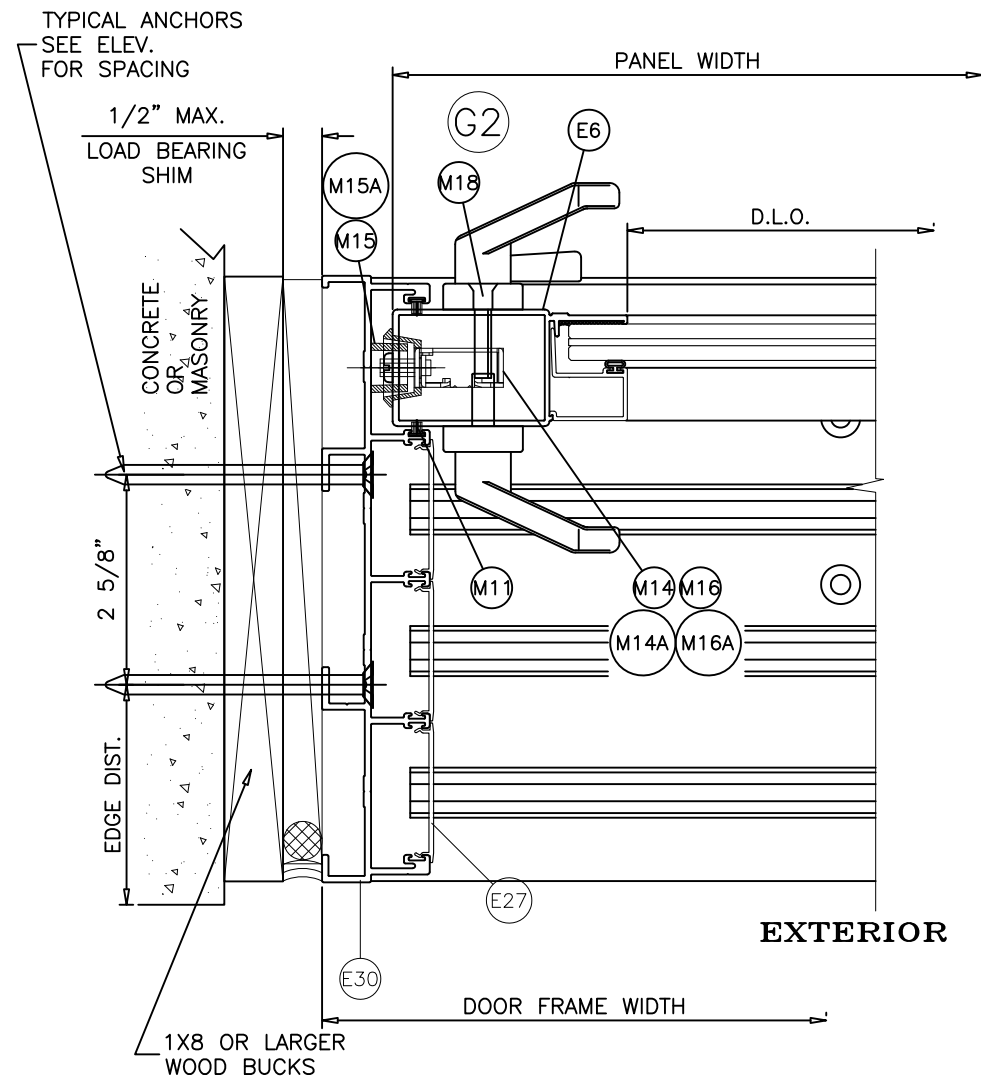
3 TRACK DOOR HORIZONTAL DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0803.06
Expiration Date 09/22/2025
By *Ishaq I. Chande*
Miami-Dade Product Control

Revision: UPDATED TO 2023
BUILDING CODE.
JR - 07/07/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	05/22/19	JENS ROSOWSKI	SGD150LMI-NOA	B
Impact Resistant Windows & Doors WE'RE STRONGER™ 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	HORIZONTAL 3 TRACK DETAILS	SGD-150	19 OF 28	Sheet
Impact Resistant Windows & Doors WE'RE STRONGER™	ALUMINUM SLIDING GLASS DOOR (LM)	HORIZONTAL 3 TRACK DETAILS	SGD-150	19 OF 28	Sheet
Impact Resistant Windows & Doors WE'RE STRONGER™	ALUMINUM SLIDING GLASS DOOR (LM)	HORIZONTAL 3 TRACK DETAILS	SGD-150	19 OF 28	Sheet



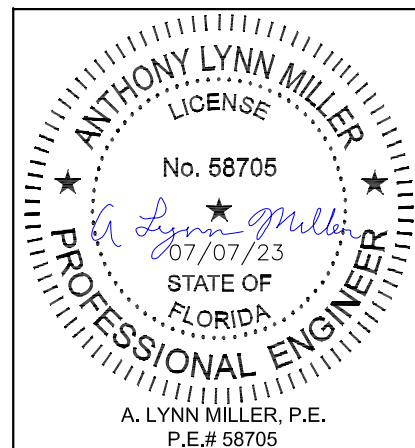


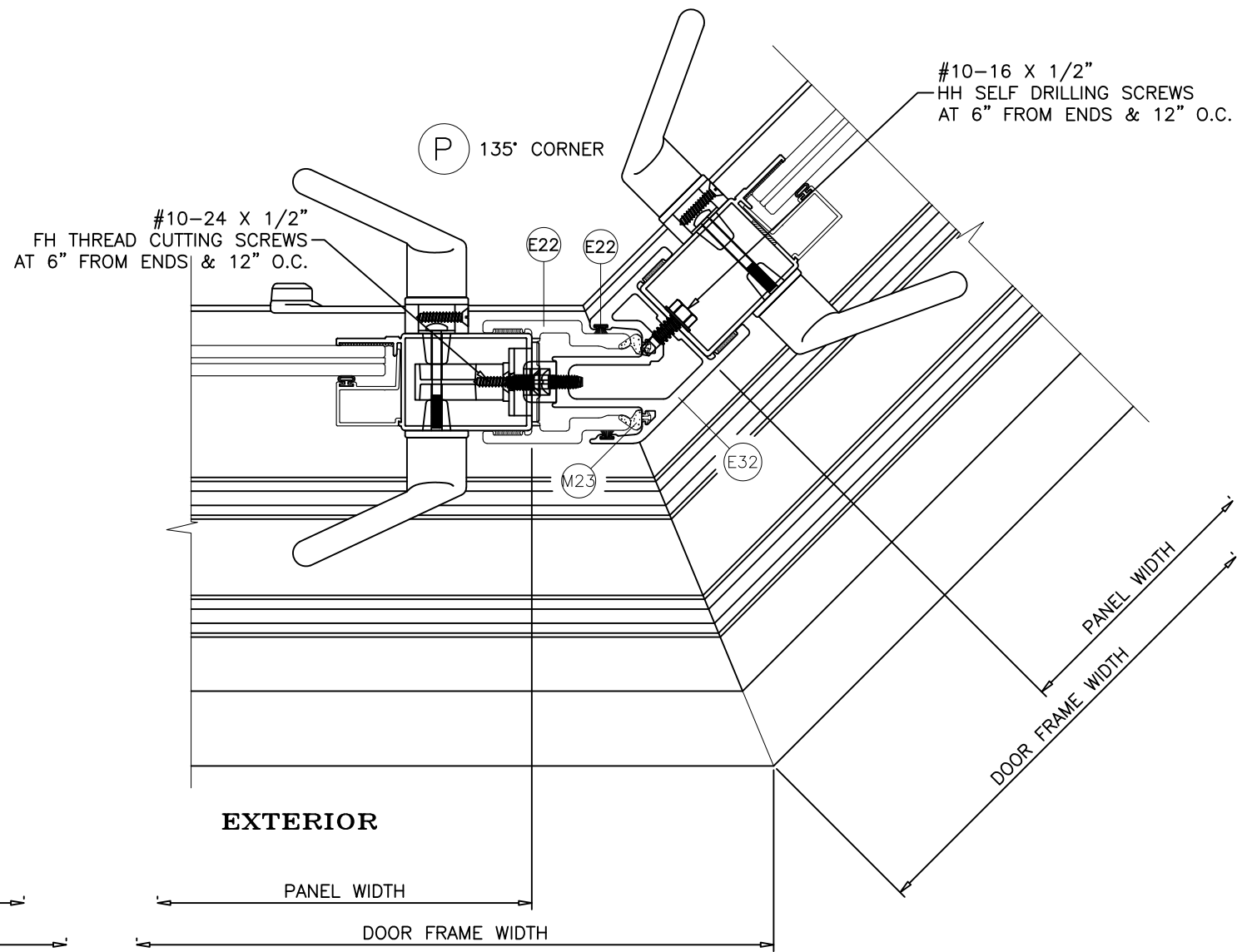
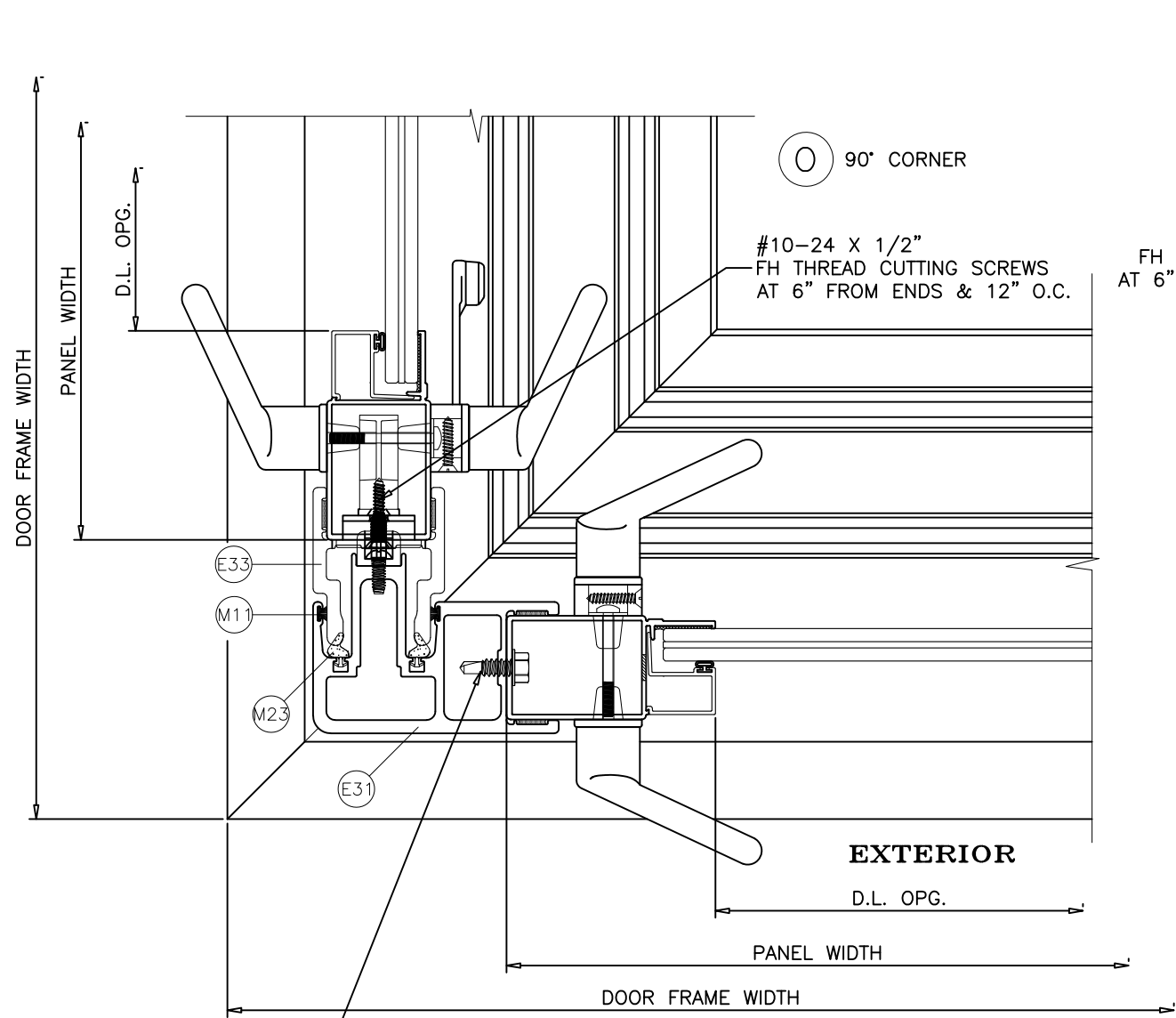
4 TRACK DOOR HORIZONTAL DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Ishaq I. Chande*
Miami-Dade Product Control

Revision:
UPDATED TO 2023
BUILDING CODE.
JR - 07/07/23

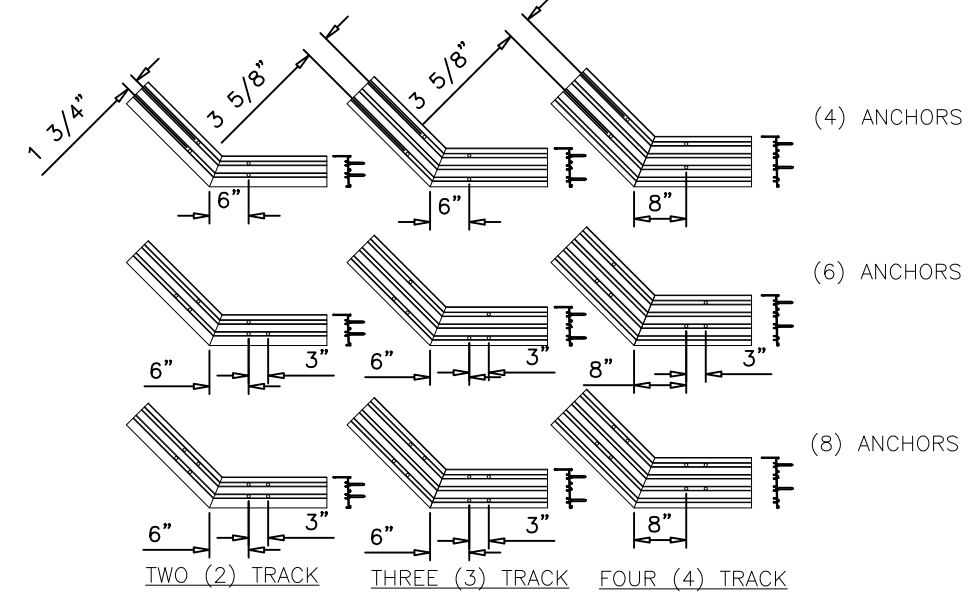
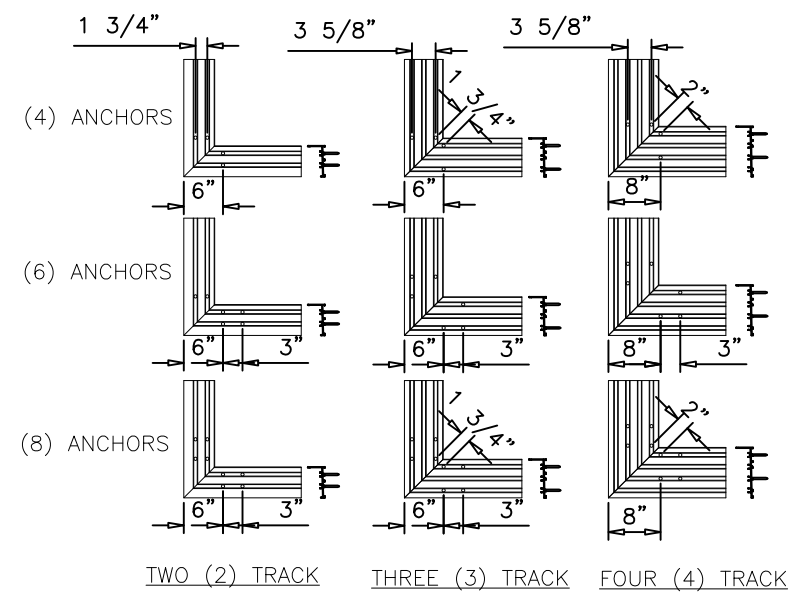
Prepared by A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	SGD150LM-MI-NOA	Rev.	B
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	SGD-150	21 OF 28	Sheet	DWC
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	JENS ROSOWSKI	SGD-150	21 OF 28	Sheet	DWC





#10-16 X 1/2"
HH SELF DRILLING SCREWS
AT 6" FROM ENDS & 12" O.C.

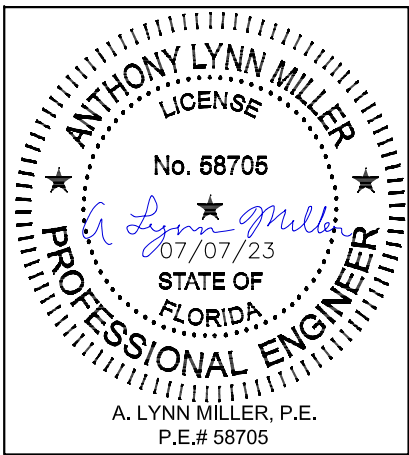
DETAILS APPLICABLE FOR OUTSIDE CORNERS ONLY



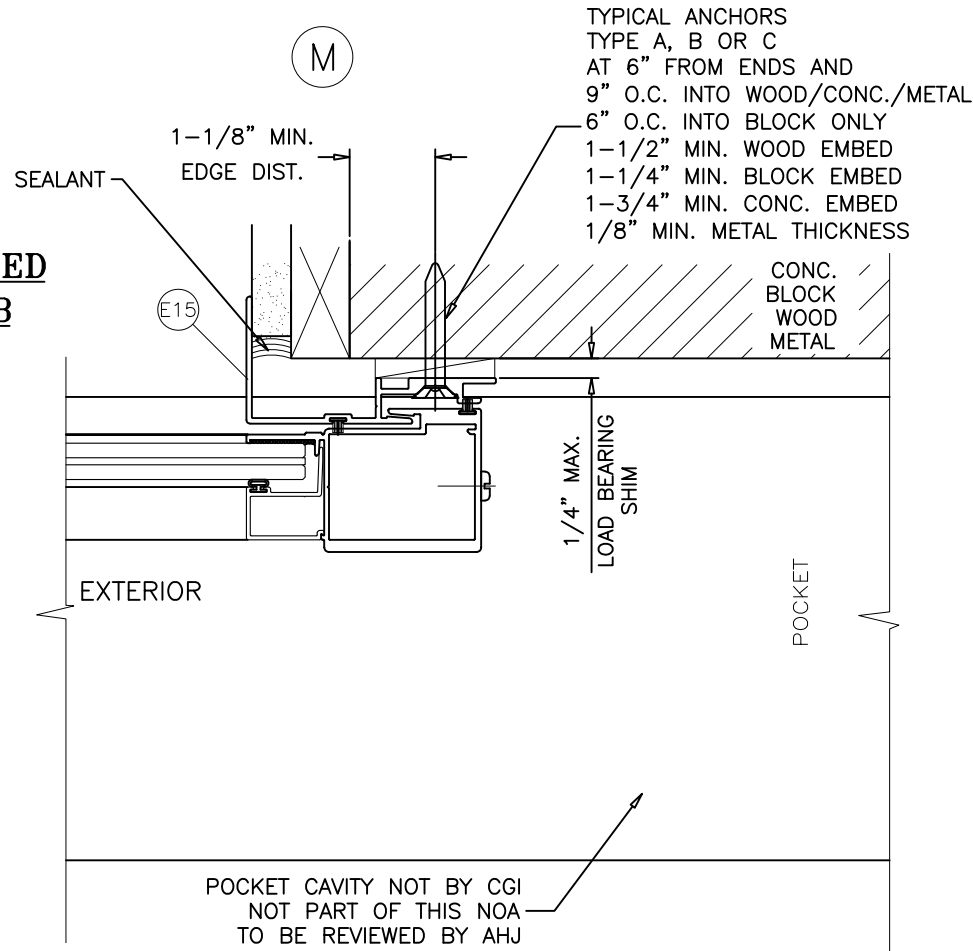
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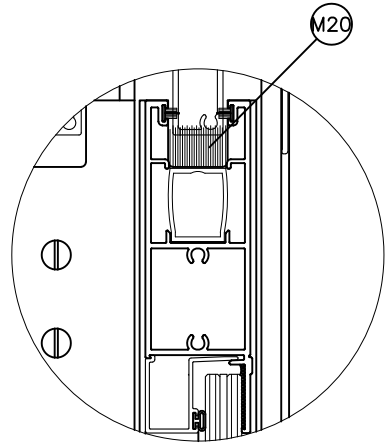
 Impact Resistant Windows & Doors WE'RE STRONGER™		3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590			PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			
		REGISTRATION #29296			ALUMINUM SLIDING GLASS DOOR (LM)			
Title	SGD-150		Sheet	22 OF 28	DWG No.	SGD150LMI-NOA	Rev.	B
Corner Details				Drawn By	JENS ROSOWSKI			
Desc.		ALUMINUM SLIDING GLASS DOOR (LM)		Date	05/22/19			



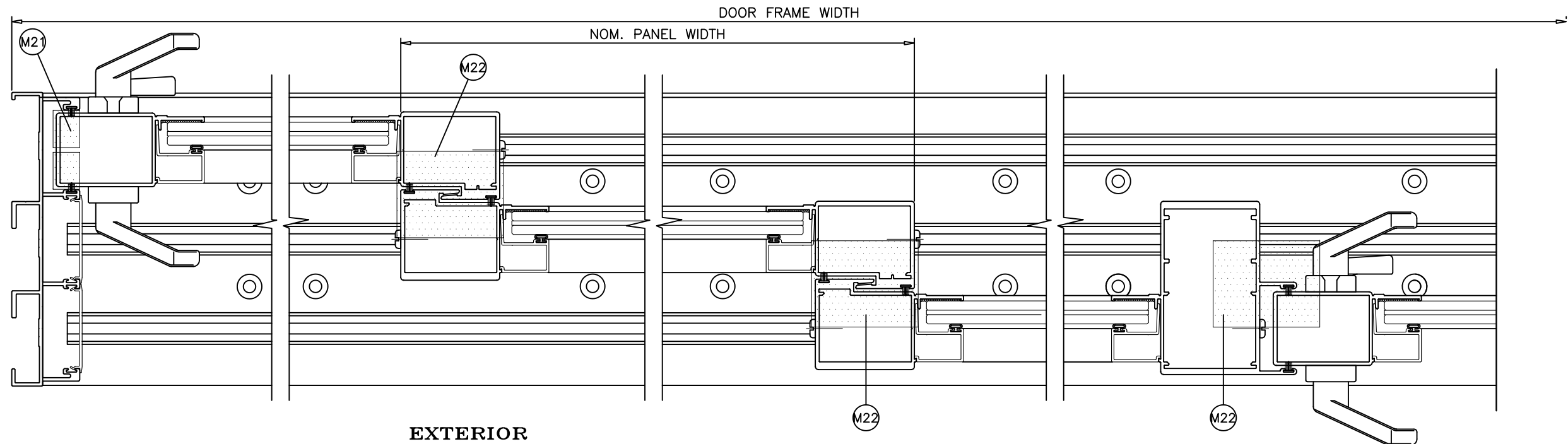
EXTERIOR MOUNTED
POCKETED JAMB



TYPICAL PAD PILE INSTALLATION LOCATION



TYPICAL AT PANEL 4 CORNERS

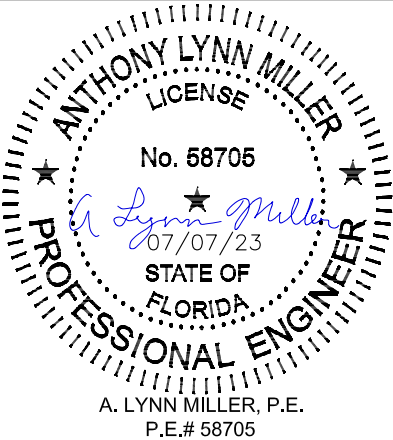


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By *Ishaq I. Chande*
Miami-Dade Product Control

UPDATED TO 2023
BUILDING CODE.

JR - 07/07/23

 Impact Resistant Windows & Doors WE'RE STRONGER™		3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590		REGISTRATION #29296		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
Title	ALUMINUM SLIDING GLASS DOOR (LM)			Date	05/22/19		
Desc.	POCKET & PAD PILE DETAILS			Drawn By	JENS ROSOWSKI		
Series	SGD-150	Sheet	23 OF 28	DWG No.	SGD150LMI-NOA		Rev.
				B			



CODE	PART No.	DESCRIPTION	MATERIAL	MANUF.	REMARKS
E1	CGI-183	FRAME SILL 2 TRACK	6063-T6	CGI EXTRUDER	-
E2	CGI-151	FRAME JAMB 2 TRACK	6063-T6	CGI EXTRUDER	-
E3	CGI-186	FRAME HEAD 2 TRACK	6063-T6	CGI EXTRUDER	-
E4	CGI-153	EXTERIOR INTERLOCK	6063-T6	CGI EXTRUDER	-
E5	CGI-154	INTERIOR INTERLOCK	6063-T6	CGI EXTRUDER	-
E6	CGI-155	MAIN STILE	6063-T6	CGI EXTRUDER	-
E7	CGI-156	TOP & BOTTOM HORIZ	6063-T6	CGI EXTRUDER	-
E8	CGI-157	SILL RISER	6063-T6	CGI EXTRUDER	-
E8.1	CGI-181	ALT. SILL RISER(OPTIONAL)	6063-T6	CGI EXTRUDER	-
E9	CGI-158	INTERIOR TRACK ASTRAGAL	6063-T6	CGI EXTRUDER	-
E10	CGI-159	INTERLOCK REINF. (LENGTH=FRAME HT.-8")	6063-T6	CGI EXTRUDER	-
E11	CGI-182	FRAME SILL 3 TRACK	6063-T6	CGI EXTRUDER	-
E12	CGI-161	FRAME JAMB 3 TRACK	6063-T6	CGI EXTRUDER	-
E13	CGI-185	FRAME HEAD 3 TRACK	6063-T6	CGI EXTRUDER	-
E14	CGI-168	OUTER TRACK ASTRAGAL	6063-T6	CGI EXTRUDER	-
E15	CGI-170	POCKET HOOK	6063-T6	CGI EXTRUDER	-

CODE	PART No.	DESCRIPTION	MATERIAL	MANUF.	REMARKS
E16	CGI-121	7/16" GLASS GLAZING BEAD	6063-T5	CGI EXTRUDER	-
E17	CGI-123	1" GLASS GLAZING BEAD	6063-T5	CGI EXTRUDER	-
E18	CGI-153A	EXTERIOR INTERLOCK (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E19	CGI-154A	INTERIOR INTERLOCK (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E20	CGI-155A	MAIN STILE (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E21	CGI-156A	TOP & BOTTOM HORIZ (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E22	CGI-158A	ASTRAGAL (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E23	CGI-168A	OUTER-TRACK ASTRAGAL (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E24	CGI-180	DECORATIVE SILL COVER (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E25	CGI-184	2, 3 & 4 TRACK FRAME SILL SCREW COVER	6063-T6	CGI EXTRUDER	-
E26	CGI-187	2, 3 & 4 TRACK FRAME HEAD SCREW COVER	6063-T5	CGI EXTRUDER	-
E27	CGI-188	FRAME JAMB SCREW COVER (OPTIONAL)	6063-T5	CGI EXTRUDER	-
E28	CGI-1028	FRAME HEAD 4 TRACK	6063-T6	CGI EXTRUDER	-
E29	CGI-1029	FRAME SILL 4 TRACK	6063-T6	CGI EXTRUDER	-
E30	CGI-1030	FRAME JAMB 4 TRACK	6063-T6	CGI EXTRUDER	-
E31	CGI-1057	FEMALE CORNER ADAPTOR (90°)	6063-T6	CGI EXTRUDER	-
E32	CGI-1058	FEMALE CORNER ADAPTOR (135°)	6063-T6	CGI EXTRUDER	-
E33	CGI-1059	MALE CORNER ADAPTOR	6063-T6	CGI EXTRUDER	-
M1	CGI-382V	GLZ. BULB VINYL (DURO. 75-80 SHORE A)	PVC	-	-

CODE	PART No.	DESCRIPTION	MATERIAL	MANUF.	REMARKS
M2	CGI-171C	FIXED PANEL CLIP (2-1/2" LONG)	6063-T5	-	3 @ FIXED PANEL
M3	CGI-173	FIXED PANEL SHIM	NYLON	-	2 PER FIXED PANEL
M10	CGI-176	FRAME HEAD ANTLIFT & PAD PILE	WOOL/NYLON	SULLIVAN	1 PER INTERLOCK/ASTR.
M11	W23201NG	PILE WITH CENTER FIN	WOOL	ULTRAFAB OR EQUIV.	-
M12	-	BOTTOM RAIL STIFFENER, 1" LONG, 2 AT EACH END	ALUMINUM	CGI EXTRUDER	4 PER BOTTOM RAIL
M13	TA-51	ROLLER ASSEMBLY AT PANELS WITHOUT CORNERS	ST/ST	AMESBURY	2 PER OPERABLE PANEL
M13A	1984	ROLLER ASSEMBLY AT CORNER PANELS	ST/ST	AMESBURY	2 PER OPERABLE PANEL
M14	SGD-500	DUAL MORTISE LOCK	ST/ST	SULLIVAN	ATTACHED TO SGD-503
M14A	PS01-0036-117	DUAL MORTISE LOCK	ST/ST	INTERLOCKS	ATTACHED TO M16A
M15	SGD-507	KEEPER	ZINC	SULLIVAN	INST. W/ 2 #10X3/4" PH
M15A	SGD-507N	KEEPER	ZINC	INTERLOCKS	INST. W/ 2 #10X3/4" PH
M16	SGD-503	RECESSED ADAPTOR	ZINC	SULLIVAN	INST. W/ 2 #10X3/4" FH
M16A	PS01-0036-117	RECESSED ADAPTOR	ZINC	INTERLOCKS	INST. W/ 2 #10X3/4" FH
M17	SGD-5500	HANDLE SET	ZINC	SULLIVAN/INTERLOCKS	-
M18	SM2300WH	HANDLE SET OPTIONAL	ZINC	SULLIVAN	-
M19	SCS2000 SILPRUF	SEALANT	SILICONE	GE	-
M20	CGI-177	PANEL TOP & BOTTOM DUST PILE	WOOL/PVC	SULLIVAN OR EQUIV.	4 PER PANEL
M21	WS-202	HEAD AND SILL SMALL PILE PAD	WOOL	ULTRAFAB OR EQUIV.	1 PER INTERLOCK/ASTRAGAL
M22	WS-201	SILL INTERLOCK PILE PAD	WOOL	ULTRAFAB OR EQUIV.	
M23	HD-12-10042	.350" REACH POCKET SEAL	-	AMESBURY	-
S2	-	#10 X 1 1/4" LG. PHL. PH. SMS. ST/ST. ASY. SCREW	-	-	2 OR 3 PER CORNER

SINGLE LOCK:
FOR ALL PANELS WITHOUT CORNERS

TWO POINT LOCK BY 'SULLIVAN' OR 'INTERLOCK' LOCATED AT MAIN STILE AT 40" FROM BOTTOM; SS MORTISE LOCK (PART #SGD-500) (PS01-0036-117); ZINC RECESSED ADAPTOR (PART #SGD-503) (PS01-0036-117); ZINC HANDLE SET (PART #SM5500) & (PART #SM2300WH); ZINC KEEPER (PART #SGD-507) (PART #SGD-507N)

DOUBLE LOCKS:
REQD. AT 90° AND 135° CORNER PANELS

TWO POINT LOCKS LOCATED AT MAIN STILE AT 40" AND 78" FROM BOTTOM; SS MORTISE LOCKS WITH RECESSED ADAPTORS (PART #HD-3310141) SECURED WITH (2) 10-24 X 1/2" FH SCREWS; BOTTOM LOCK ACTIVATES TOP LOCK WITH A MECHANICALLY ATTACHED CONNECTING BAR (PART #HD-3310142); ZINC HANDLE SET SECURED WITH (2) 6-32 X 1-1/2" OH MS; STEEL KEEPER (PART #HD-3310143) SECURED WITH (4) 10-24 X 1/2" PH THREAD FORMING SCREWS

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 23-0803.06
Expiration Date09/22/2025
By *Isaac L. Chande*
Miami-Dade Product Control

Revision:

UPDATED TO 2023 BUILDING CODE.

JR - 07/07/23

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275

(941) 480-1600

REGISTRATION #29296

05/22/19

ALUMINUM SLIDING GLASS DOOR (LM)

By *Jens Rosowski*

JENS ROSOWSKI

SGD150LMI-NOA

Rev. B

Impact Resistant Windows & Doors
WE'RE STRONGER™

3780 W 104TH STREET
HIALEAH, FL 33018
(305) 593-6590

24 OF 28

SGD-150

Sheet

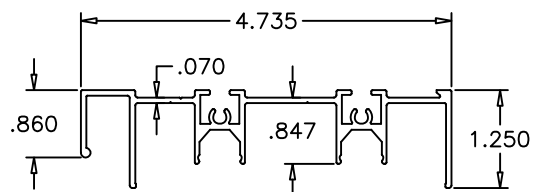
Series

Desc.

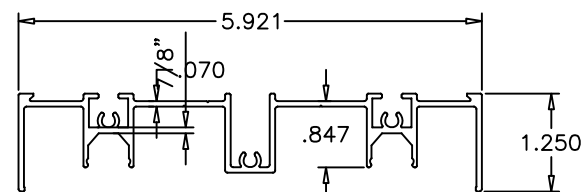
Bill of Materials

ANTHONY LYNN MILLER
LICENSE
No. 58705
A. Lynn Miller
07/07/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER

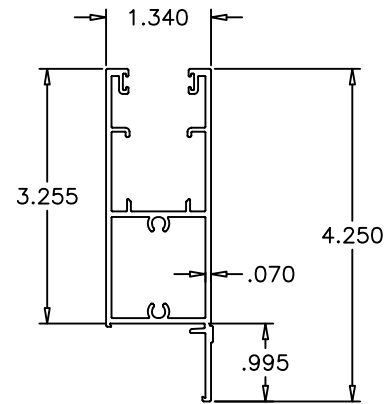
A. LYNN MILLER, P.E.
P.E.# 58705



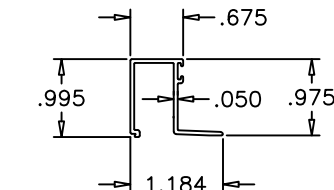
E3 FRAME HEAD (2 TRACK)



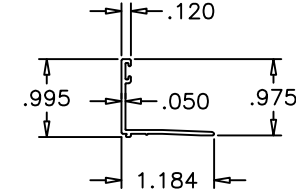
E13 FRAME HEAD (3 TRACK)



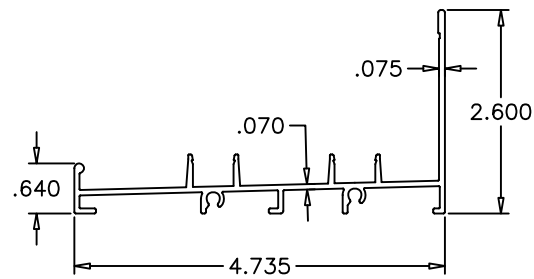
E7 TOP/BOTTOM HORIZ



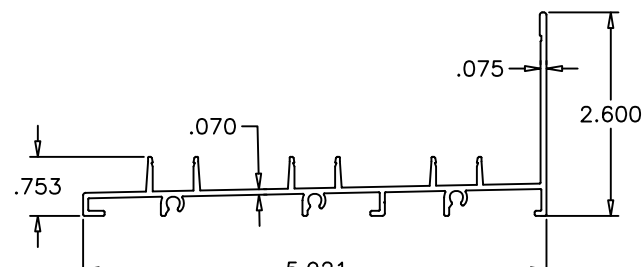
E16 GLAZING BEAD
LAM. GLASS



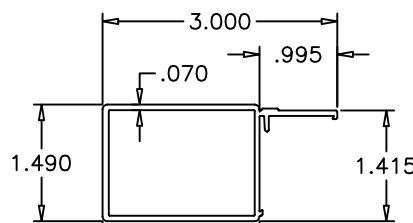
E17 GLAZING BEAD
INSUL. LAM. GLASS



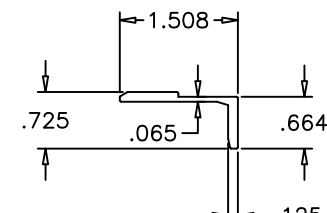
E1 FRAME SILL (2 TRACK)



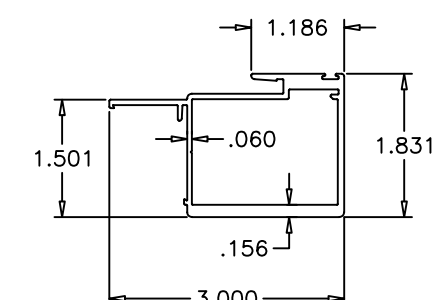
E11 FRAME SILL (3 TRACK)



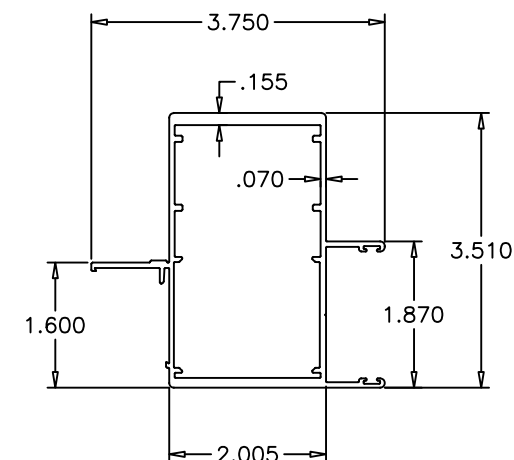
E6 MAIN STILE



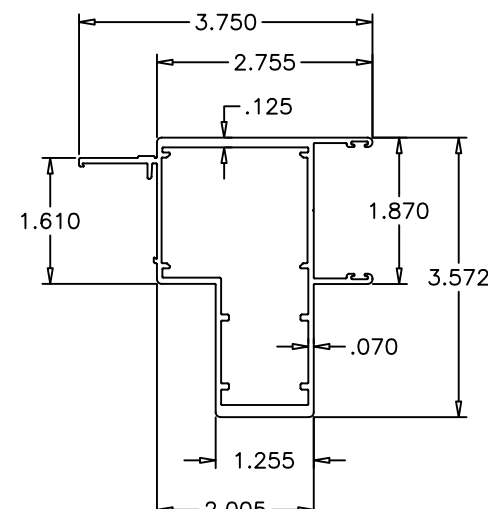
M2 FIX. PANEL CLIP



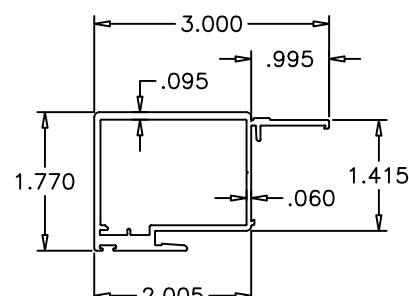
E18 EXTERIOR INTERLOCK (OPTIONAL)



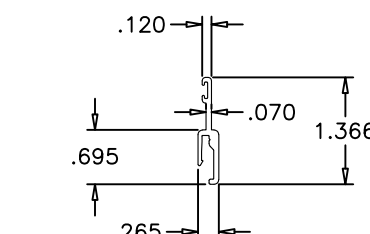
E14 OUTER TRACK ASTRAGAL STILE



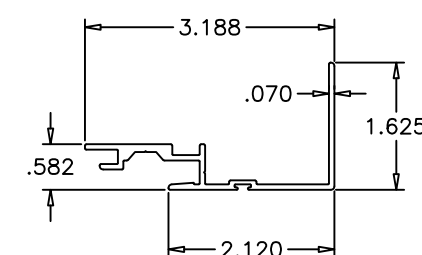
E9 INTERIOR TRACK ASTRAGAL STILE



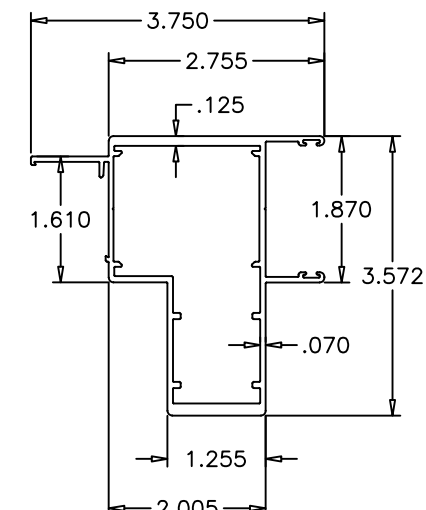
E5 INTERIOR INTERLOCK



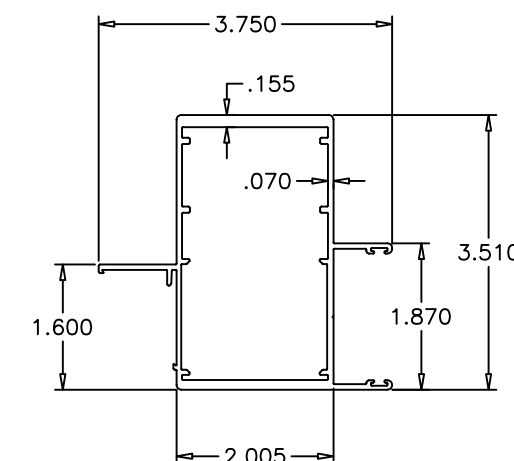
E8 SILL RISER (OPTIONAL)



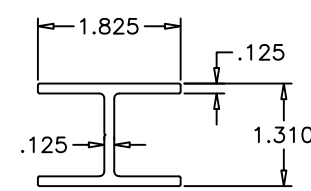
E15 POCKET HOOK



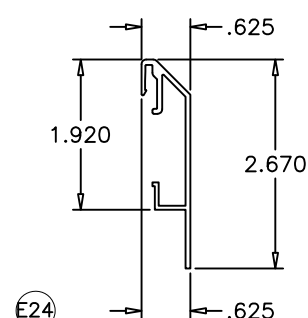
E22 INTERIOR TRACK ASTRAGAL
(OPTIONAL)



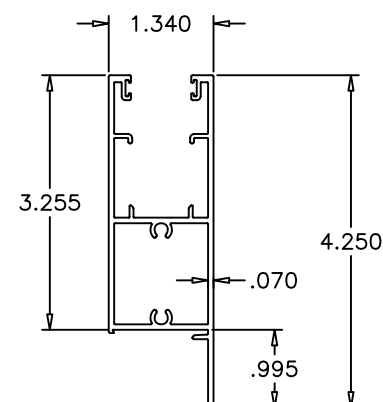
E23 OUTER TRACK ASTRAGAL (OPTIONAL)



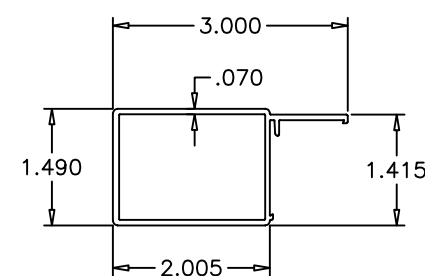
E10 INTERLOCK REINFORCING



E24 SILL COVER(OPTIONAL)



E21 TOP/BOTTOM HORIZ (OPTIONAL)

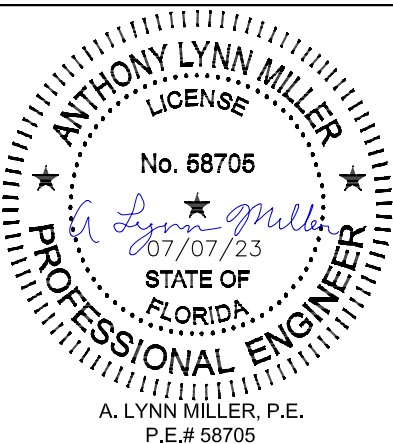


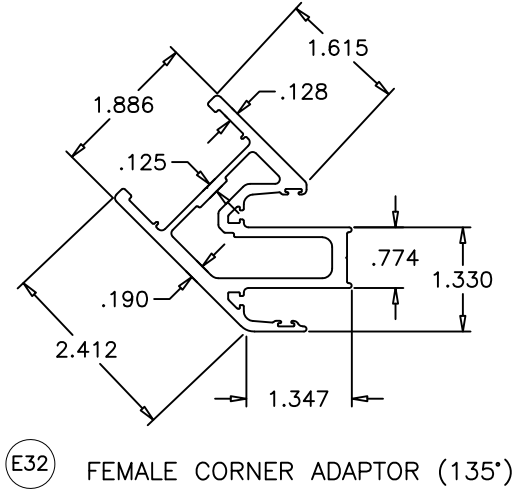
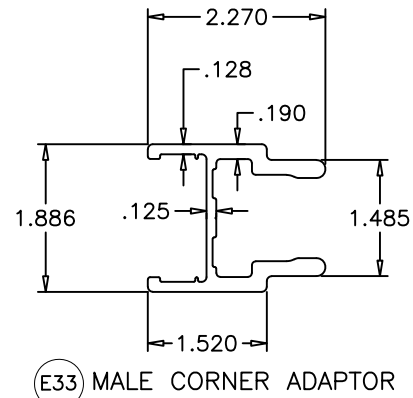
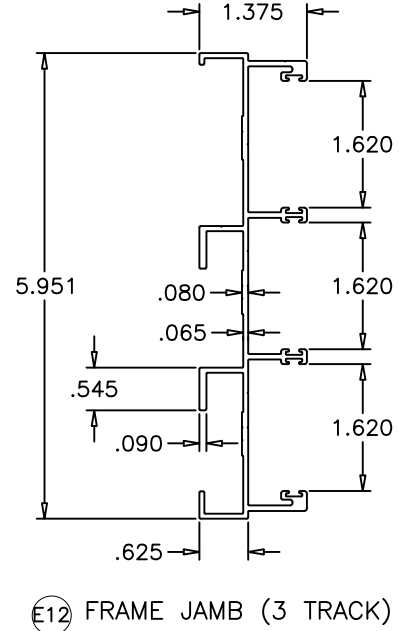
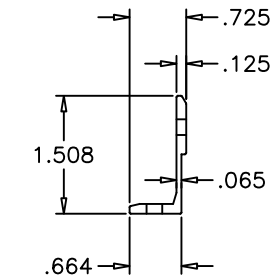
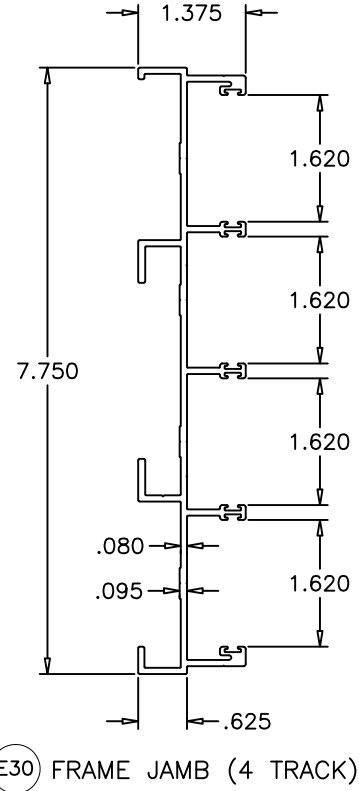
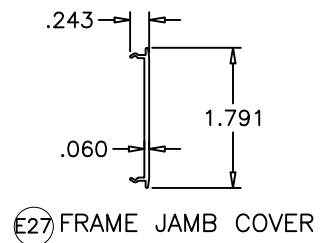
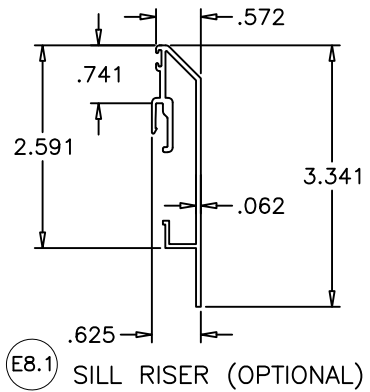
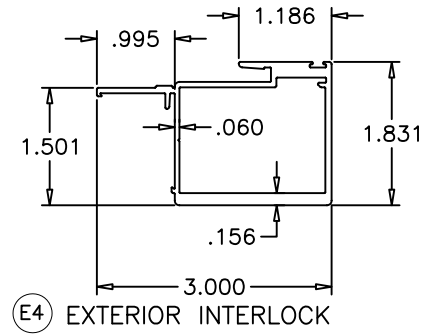
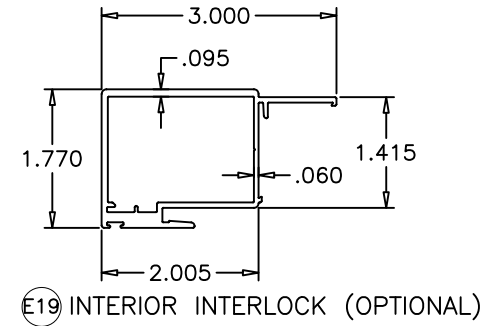
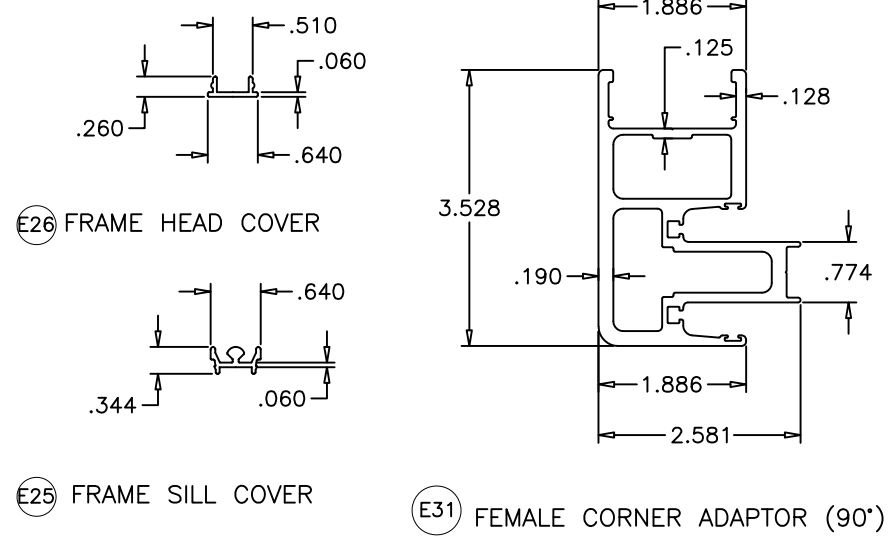
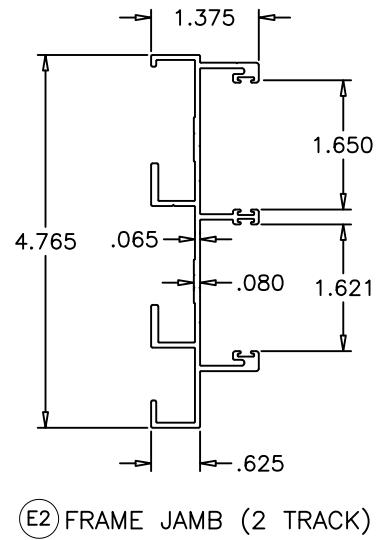
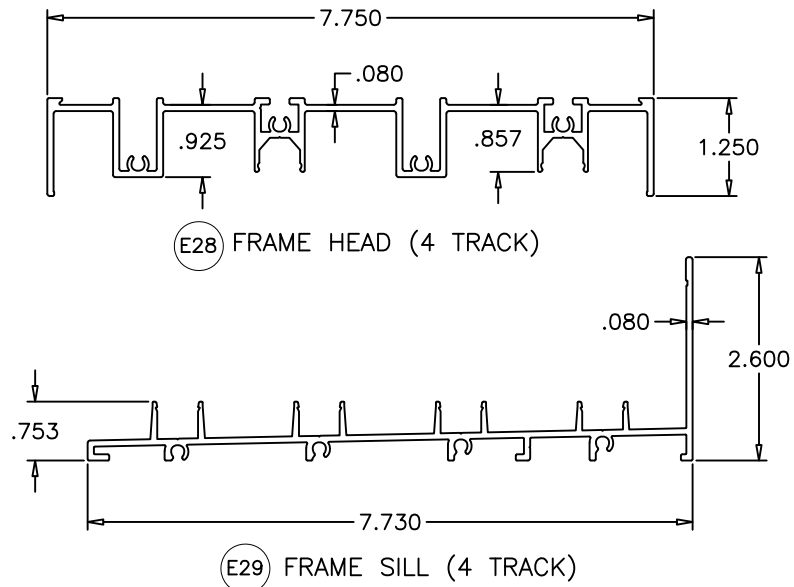
E20 MAIN STILE (OPTIONAL)

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Isaac L. Chanda*
Miami-Dade Product Control

UPDATED TO 2023
BUILDING CODE.
JR - 07/07/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	DATE 05/22/19	DRAWN BY JENS ROSOWSKI	DWG No. SGD150LM-MI-NOA	SHEET 25 OF 28	SERIES SGD-150



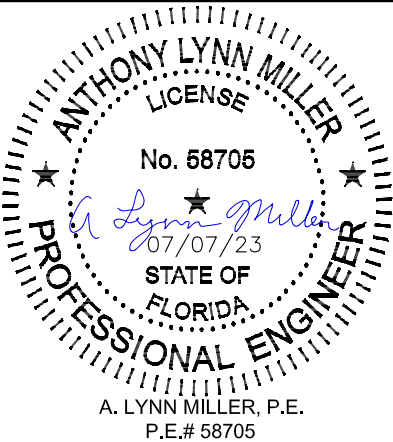


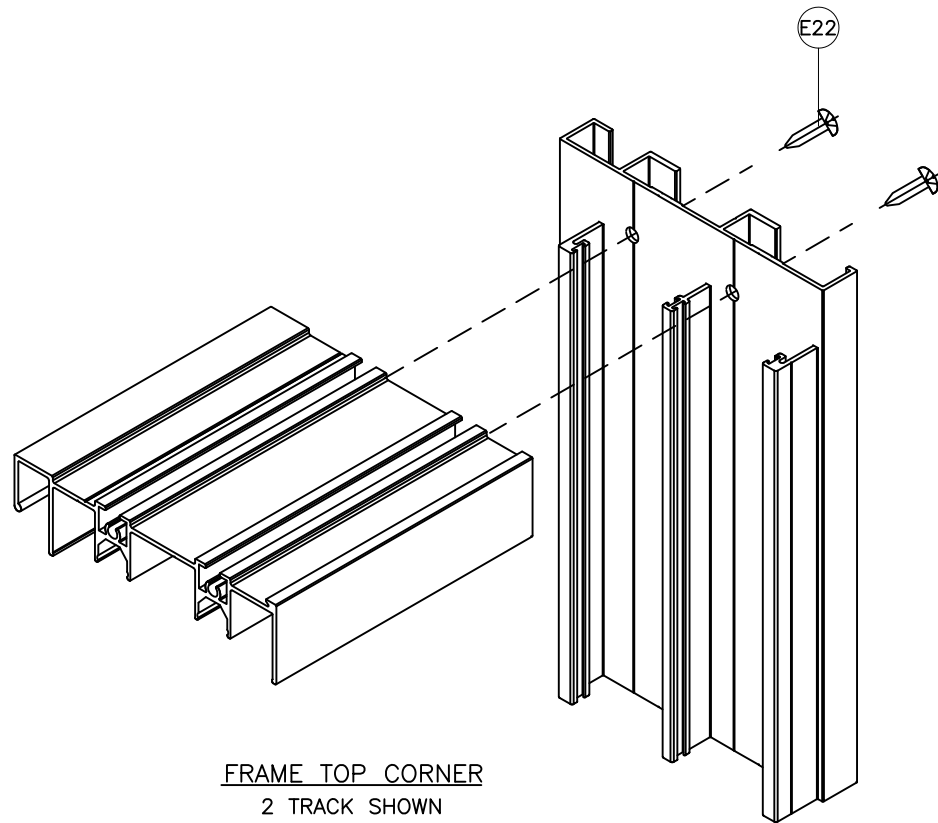
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Ishaq I. Chande*
Miami-Dade Product Control

UPDATED TO 2023
BUILDING CODE.

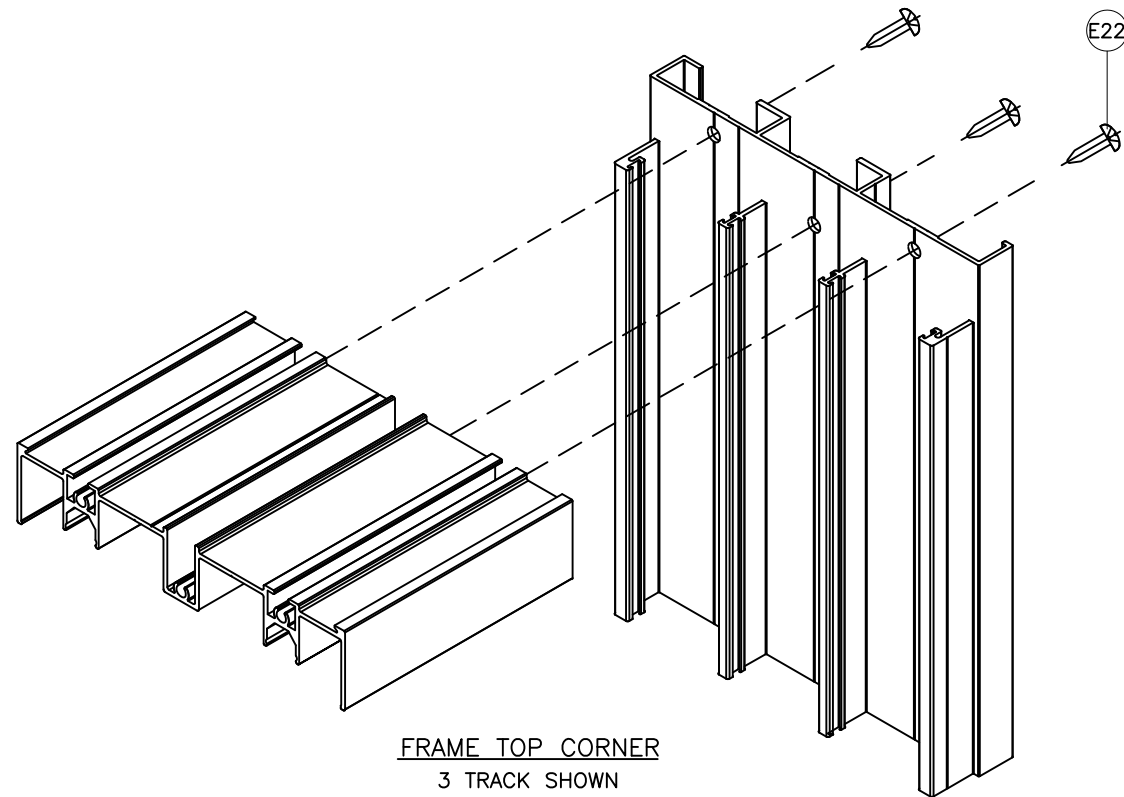
JR - 07/07/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	05/22/19	JENS ROSOWSKI	SGD150LMI-NOA	B
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	EXTRUSIONS	SGD-150	26 OF 28

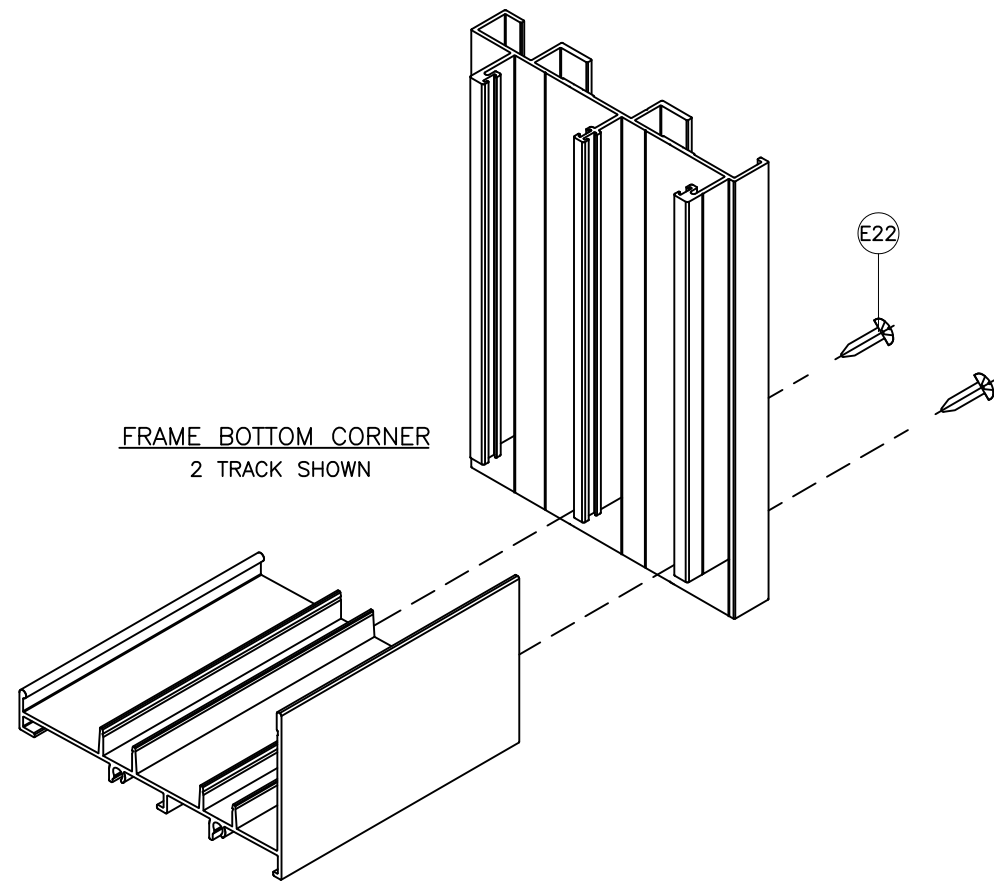




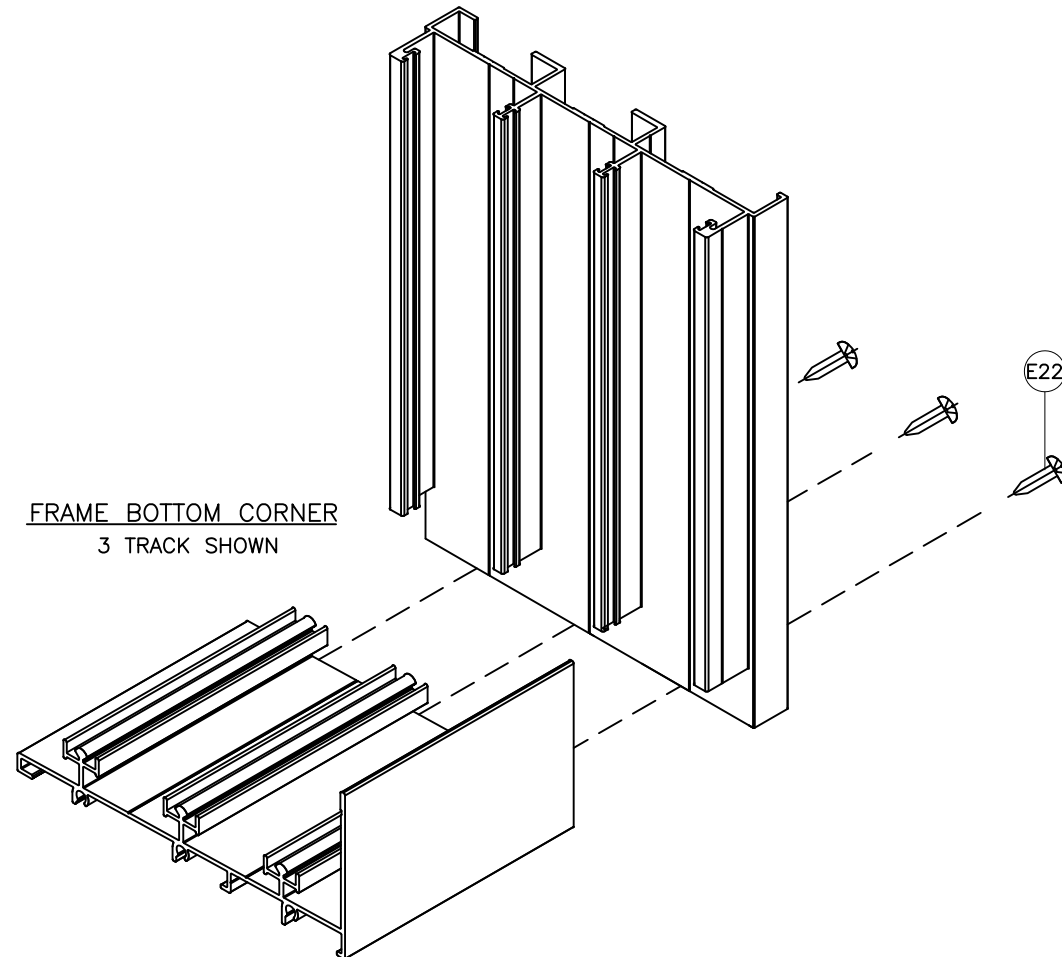
FRAME TOP CORNER
2 TRACK SHOWN



FRAME TOP CORNER
3 TRACK SHOWN



FRAME BOTTOM CORNER
2 TRACK SHOWN

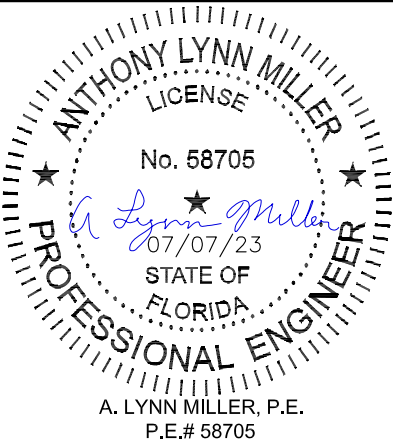


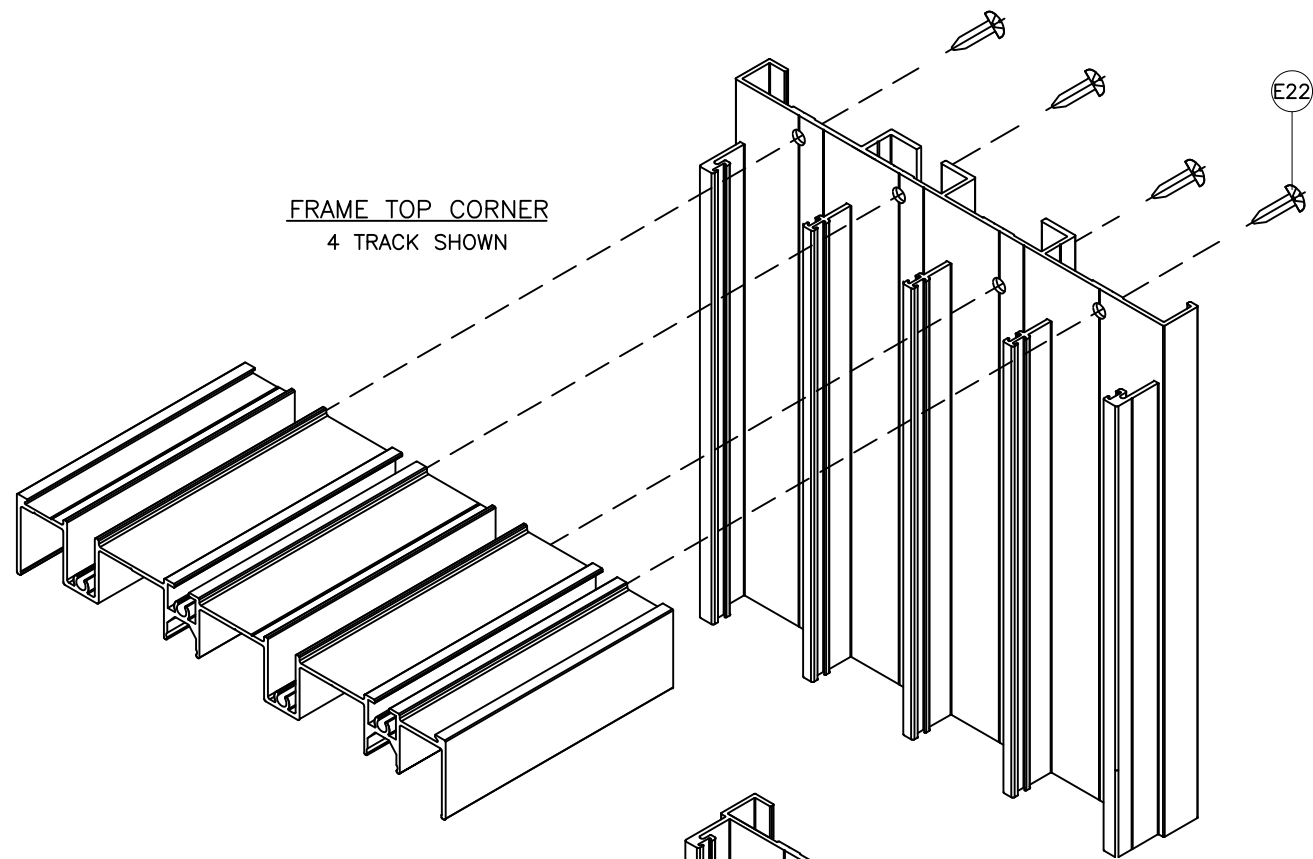
FRAME BOTTOM CORNER
3 TRACK SHOWN

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By Ishaq I. Chande
Miami-Dade Product Control

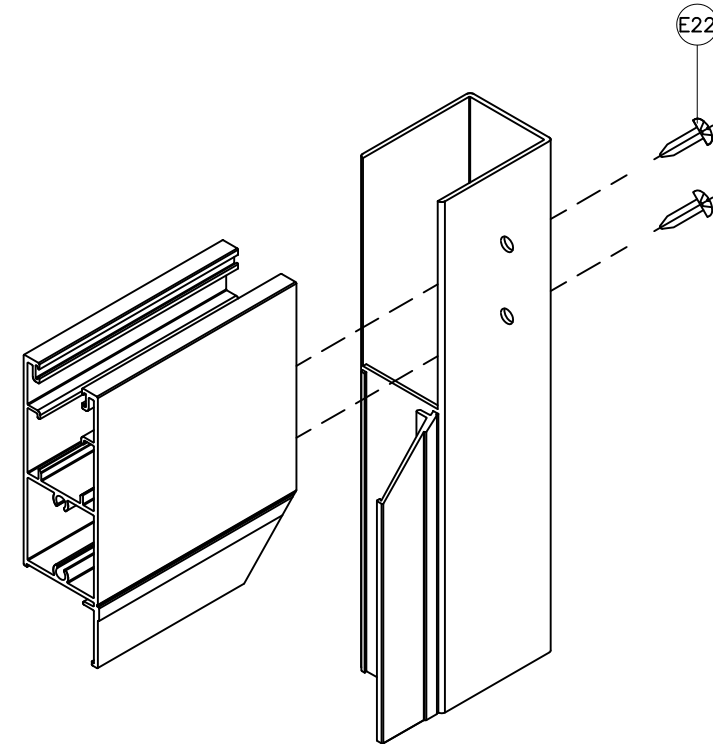
Revision: UPDATED TO 2023
BUILDING CODE.
JR - 07/07/23

 Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	REGISTRATION #29296		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
ALUMINUM SLIDING GLASS DOOR (LM)	05/22/19	Date			
CORNER ASSEMBLY	JENS ROSOWSKI	By			
SGD-150	27 OF 28	DWG. No.	SGD150LMI-NOA	Rev.	B
Sheet					

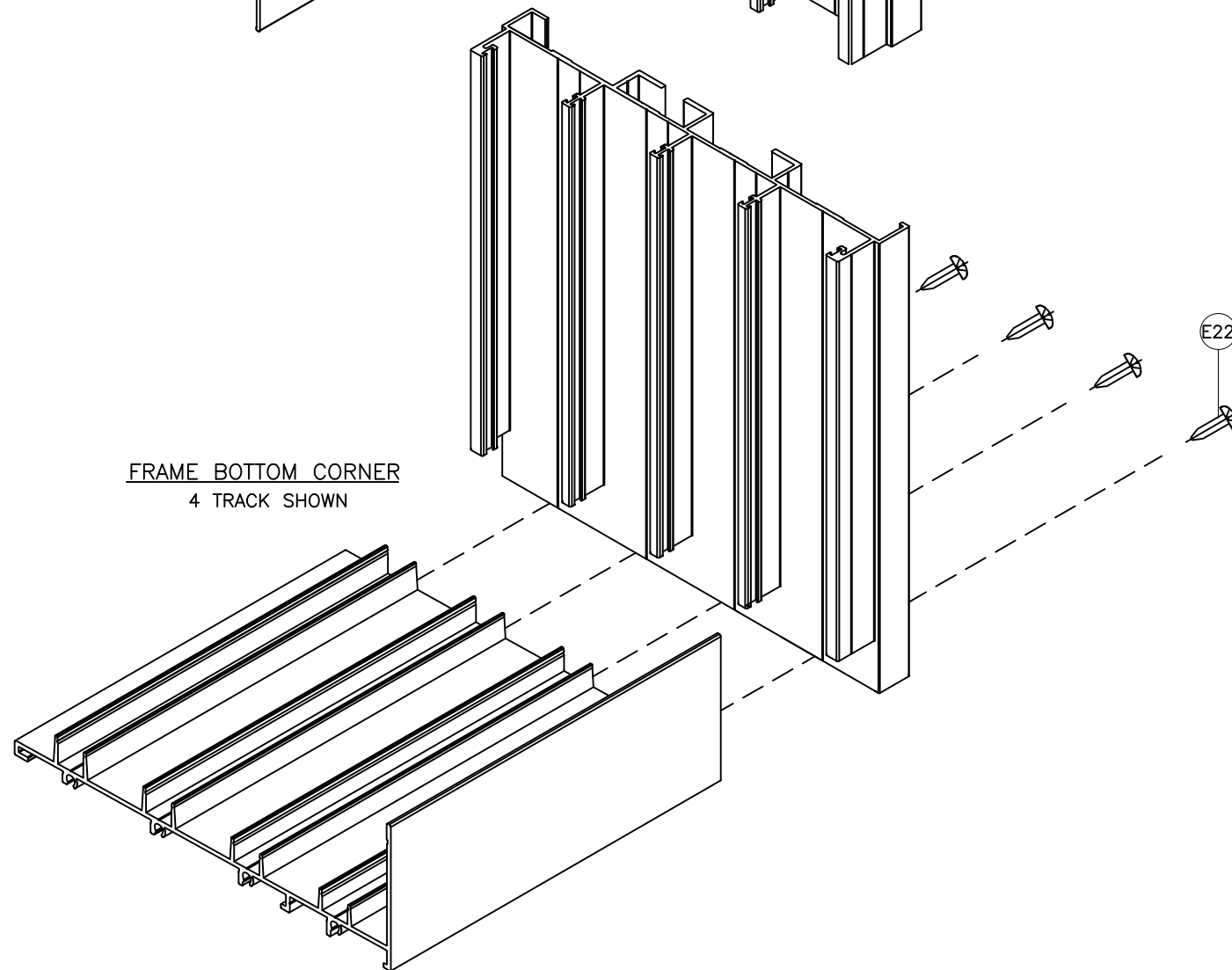




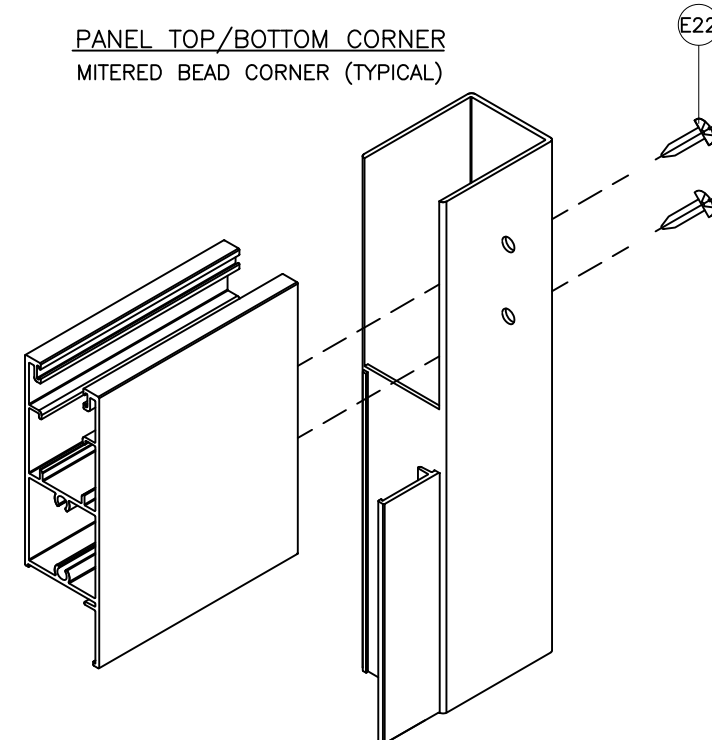
FRAME TOP CORNER
4 TRACK SHOWN



PANEL TOP/BOTTOM CORNER
MITERED BEAD CORNER (TYPICAL)



FRAME BOTTOM CORNER
4 TRACK SHOWN



PANEL TOP/BOTTOM CORNER
SQUARE BEAD CORNER (OPTIONAL)

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-0803.06**
Expiration Date **09/22/2025**
By *Isaac L. Chanda*
Miami-Dade Product Control

Revision:
UPDATED TO 2023
BUILDING CODE.
JR - 07/07/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	05/22/19	JENS ROSOWSKI	SGD150LMI-NOA
Impact Resistant Windows & Doors WE'RE STRONGER™	3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	ALUMINUM SLIDING GLASS DOOR (LM)	CORNER ASSEMBLY	28 OF 28
SGD-150	28 OF 28	CORNER ASSEMBLY	JENS ROSOWSKI	SGD150LMI-NOA

