



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

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

**Tecnoglass, LLC**  
 3550 NW 49 Street  
 Miami, FL 33142

**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 "DM12" Aluminum Sliding Glass Door – S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W06-06**, titled "Series-DM12 Alum. Sld. Glass Door (S.M.I.)", sheets 1, 2, 3, 4, 4.1, 5, 5.1, 6, 6.1, 7, 8, 8.1, 9, 9.1, 10, 10.1, 11, 11.1, 12, 13, 14, 15, 16, 17, 17.1, 18 and 19 through 23 of 23, dated 01/31/06, with revision **M** dated 10/10/24, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

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

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, **Barranquilla, Colombia S.A.**, series and following statement: "Miami-Dade County Product Control Approved" unless otherwise 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 and renews NOA No. 16-1027.02** and consists of this page 1, evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



  
 5/6/26

**NOA No. 24-1202.02**  
**Expiration Date: January 01, 2028**  
**Approval Date: May 14, 2026**  
 Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**


**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 07-1019.04 and 16-1027.02)*
2. Drawing No. **W06-06**, titled "Series-DM12 Alum. Sld. Glass Door (S.M.I.)", sheets 1, 2, 3, 4, 4.1, 5, 5.1, 6, 6.1, 7, 8, 8.1, 9, 9.1, 10, 10.1, 11, 11.1, 12 and 13 through 23 of 23, with revision **K** dated 05/29/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under NOA No. 16-1027.02)*

**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 FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of OXXO (free jamb) and OX aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6775**, dated 03/13/12, signed and sealed by Marlin D. Brinson, P.E.  
*(Submitted under NOA No. 12-0917.03)*
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 and TAS 202-94  
along with marked-up drawings and installation diagram of a series 2450 ST aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., following Test Reports No.: **FTL-5187**, dated 05/15/07, signed and sealed by Carlos S. Rionda, P.E., **FTL-4945** and **FTL-4892**, both dated 12/01/06, signed and sealed by Michael Wenzel, P.E., **FTL-4981** and **FTL-4982**, both dated 07/19/06, signed and sealed by Edmundo Largaespada, P.E.  
*(Submitted under NOA No. 07-1019.04)*
3. Additional Tests: ASTM E 2068-00 (operating force) and ASTM E 987-88 (deglazing)  
*(Submitted under NOA No. 07-1019.04)*

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 24-1202.02  
Expiration Date: January 01, 2028  
Approval Date: May 14, 2026

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)**

**C. CALCULATIONS**

1. Anchor verification calculations complying with FBC 6<sup>th</sup> Edition (2017) dated 07/25/16 and revised on 10/12/17 and 04/27/18, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under NOA No. 16-1027.02)*
2. Glazing complies with **ASTM E 1300-09**

**D. QUALITY ASSURANCE**

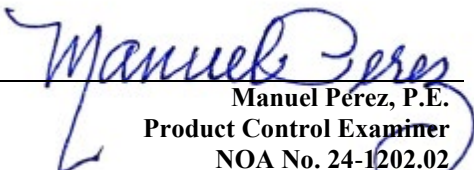
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 12/28/17, expiring on 07/04/23.
2. Notice of Acceptance No. **16-1117.01** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 01/19/17, expiring on 07/08/19.

**F. STATEMENTS**

1. Statement letter of conformance, complying with the **FBC 6<sup>th</sup> Edition (2017)** and of no financial interest, dated 09/20/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under NOA No. 16-1027.02)*
2. Distribution agreement dated 02/17/17 between Energia Solar, SA, Columbia and Tecnoglass, LLC (USA), signed by Ms. Carla Garcia, Int'l Sales Manager and Ms. Evelyn Daes, General Manager, on behalf of their respective companies.  
*(Submitted under NOA No. 16-1027.01)*
3. Asset purchase agreement dated 11/19/13, signed by Mr. Raul Casares, for and on behalf of R.C. Aluminum Industries, Inc. and Mr. José M. Daes, for and on behalf of Tecnoglass, LLC.  
*(Submitted under NOA No. 16-1027.01)*

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 24-1202.02  
Expiration Date: January 01, 2028  
Approval Date: May 14, 2026

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**


**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)**

**F. STATEMENTS (CONTINUED)**

4. Statement letter dated 07/15/14, issued by R.C. Aluminum Industries, Inc. of sales of assets and relinquishing of all rights of NOA No. **12-0917.03**, signed by Raul Casares, for and on behalf of R.C. Aluminum Industries, Inc.  
*(Submitted under NOA No. 16-1027.02)*
5. Department of State Certification of **TECNOGLASS, LLC** as a limited liability company, active and organized under the laws of the State of Florida, dated 03/03/14 and signed by Ken Detzner, Secretary of State.  
*(Submitted under NOA No. 16-1027.02)*
6. Statements of lab compliance, part of the above test reports.  
*(Submitted under NOA No. 12-0917.03)*
7. Laboratory compliance letter for Test Report No. **FTL-6775**, issued by Fenestration Testing Laboratory, Inc., dated 03/13/12, signed & sealed by Marlin D. Brinson, P.E.  
*(Submitted under NOA No. 12-0917.03)*
8. Proposal issued by Product Control, dated 09/30/11, signed by Jaime D. Gascon, P.E.  
*(Submitted under NOA No. 12-0917.03)*
9. Laboratory compliance letter for the following Test Reports No.'s **FTL-5187**, dated 05/15/07, signed and sealed by Carlos S. Rionda, P.E., **FTL-4945** and **FTL-4892**, both dated 12/01/06, signed and sealed by Michael Wenzel, P.E., **FTL-4981** and **FTL-4982**, both dated 07/19/06, signed and sealed by Edmundo Largaespada, P.E.  
*(Submitted under NOA No. 07-1019.04)*
10. Proposal issued by Product Control, dated 07/05/06, signed by Jaime D. Gascon, P.E.  
*(Submitted under NOA No. 07-1019.04)*
11. Proposal No. **05-0281** issued by Product Control, dated 10/12/05, signed by Manuel Perez, P.E.  
*(Submitted under NOA No. 07-1019.04)*
12. Proposal No. **05-0265** issued by Product Control, dated 09/22/05, signed by Ishaq Chanda, P.E.  
*(Submitted under NOA No. 07-1019.04)*

**G. OTHERS**

1. Notice of Acceptance No. **12-0917.03**, issued to Tecnoglass, LLC., for their Series "DM12" Aluminum Sliding Glass Door – S.M.I., approved on 03/07/13 and expiring on 01/31/18.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 24-1202.02  
Expiration Date: January 01, 2028  
Approval Date: May 14, 2026

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **W06-06**, titled “Series-DM12 Alum. Sld. Glass Door (S.M.I.)”, sheets 1, 2, 3, 4, 4.1, 5, 5.1, 6, 6.1, 7, 8, 8.1, 9, 9.1, 10, 10.1, 11, 11.1, 12 and 13 through 23 of 23, with revision **M** dated 10/10/24, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, 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. **23-0717.30** issued to **Kuraray America, Inc.** for their “SentryGlas® (Clear and White) Glass Interlayers” dated 08/31/23, expiring on 07/04/28.
2. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their “Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers” dated 03/21/24, expiring on 07/08/29.

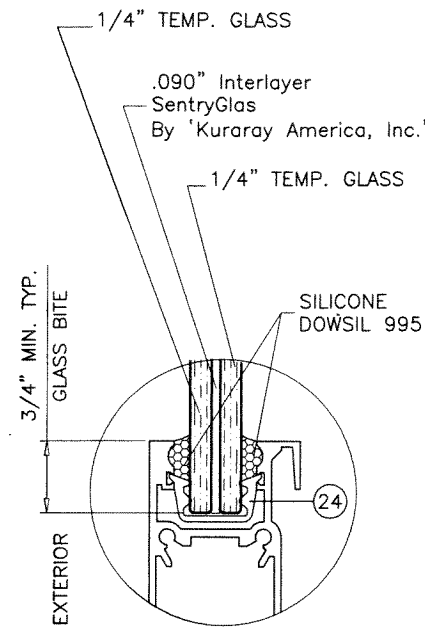
**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 8<sup>th</sup> Edition (2023)**, and of no financial interest, dated October 23, 2024, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Letter of Authorization from ES Windows, LLC dated 10/08/24 granting permission to Tecnoglass LLC to use test Report No. **FTL-10469** for product certification and compliance purposes, signed by Evelyn Daes, General Manager, ES Windows LLC.
3. Distribution agreement dated 05/21/25 between Energia Solar, SA, Columbia and Tecnoglass, LLC (USA), signed by Ms. Andrea Zambrano, General Counsel and Ms. Evelyn Daes, General Manager on behalf of their respective companies.

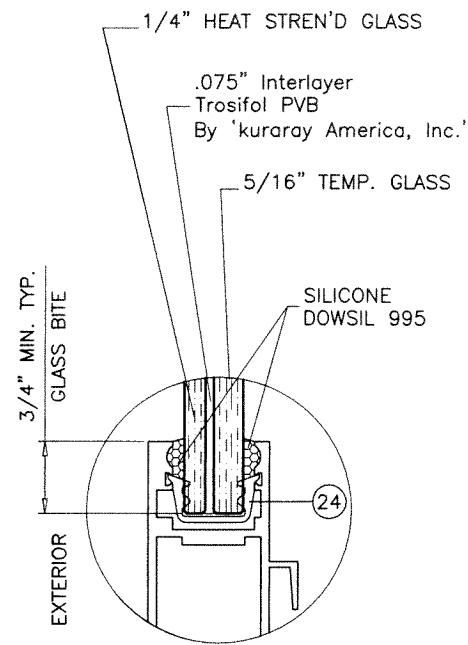
**G. OTHERS**

1. Notice of Acceptance No. **16-1027.02**, issued to Tecnoglass, LLC., for their Series “DM12” Aluminum Sliding Glass Door – S.M.I., approved on 07/26/18 and expiring on 01/01/23.
2. File No. **21-0113.09** was opened on 01/13/21 to revise the above referenced NOA and was closed on 12/16/24 at Mfr.’s request.

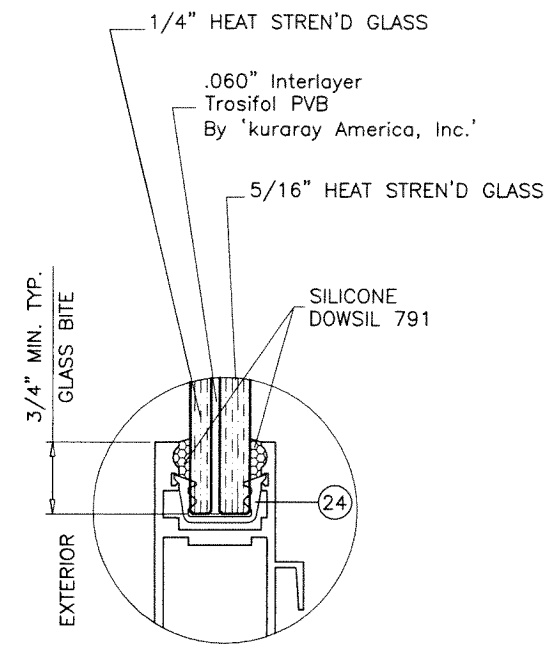
  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 24-1202.02  
Expiration Date: January 01, 2028  
Approval Date: May 14, 2026



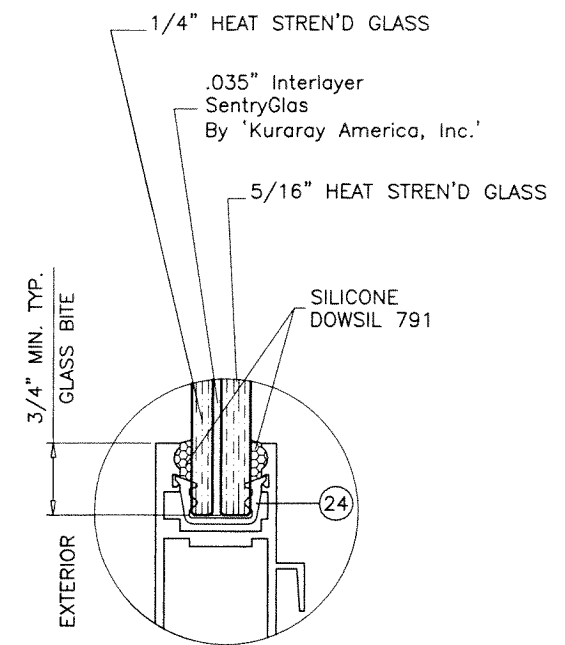
GLASS TYPE 'A'



GLASS TYPE 'B'



GLASS TYPE 'C'



GLASS TYPE 'D'

**GLAZING OPTIONS**

THESE DOORS ARE RATED FOR SMALL MISSILE IMPACT. MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

**SERIES-DM12 ALUMINUM SLIDING GLASS DOOR**

DOORS MUST COMPLY WITH EGRESS REQUIREMENTS AS APPLICABLE PER FBC.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 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 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.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

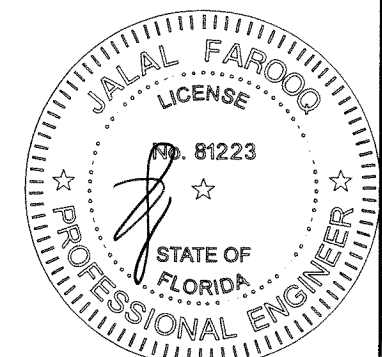
**INSTRUCTIONS:**

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 FOR THE GLASS TYPE USED FROM TABLE ON SHEETS 3 FOR DOORS WITH ANCHORED JAMBS AND TABLE ON SHEET 8.1 FOR DOORS WITH FREE STANDING JAMBS.
- STEP 3** USING ANCHOR CHARTS ON SHEETS 4 THRU 7 FOR DOORS WITH ANCHORED JAMBS AND ANCHOR CHARTS ON SHEETS 9 THRU 12 & 19 FOR DOORS WITH FREE STANDING JAMBS 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.
- STEP 5** FOR DOORS WITH UNANCHORED JAMBS, USING SHEET 19 DETERMINE MIN. AND MAX. GAP DIMENSIONS.

LAMINATED GLASS  
SMALL MISSILE IMPACT

**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **24-1202.02**  
Expiration Date: **01/01/2028**  
By: *Manuel Torres*  
Miami-Dade Product Control  
**APR 20 2026**



**afc**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W06-06-TCL

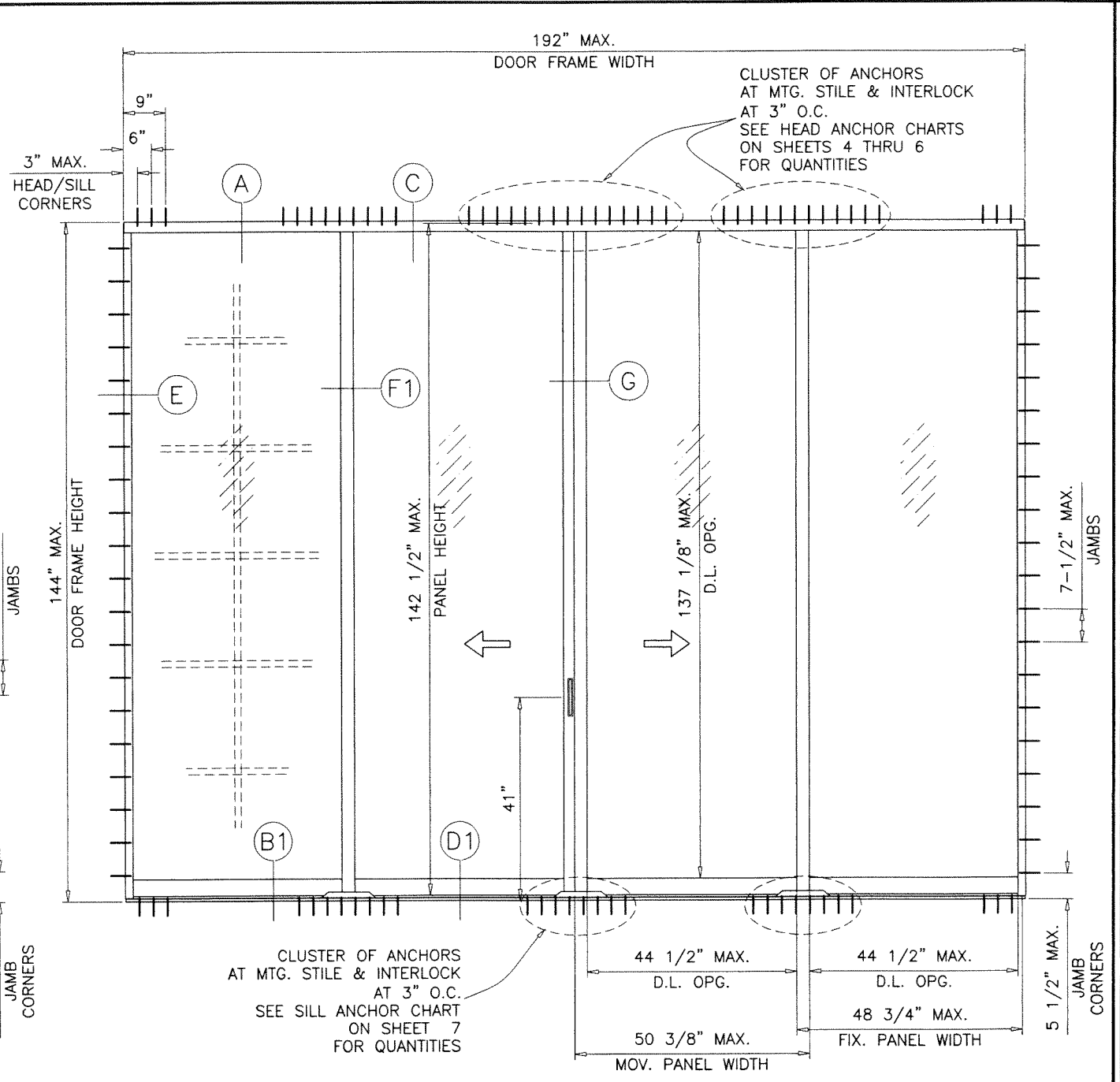
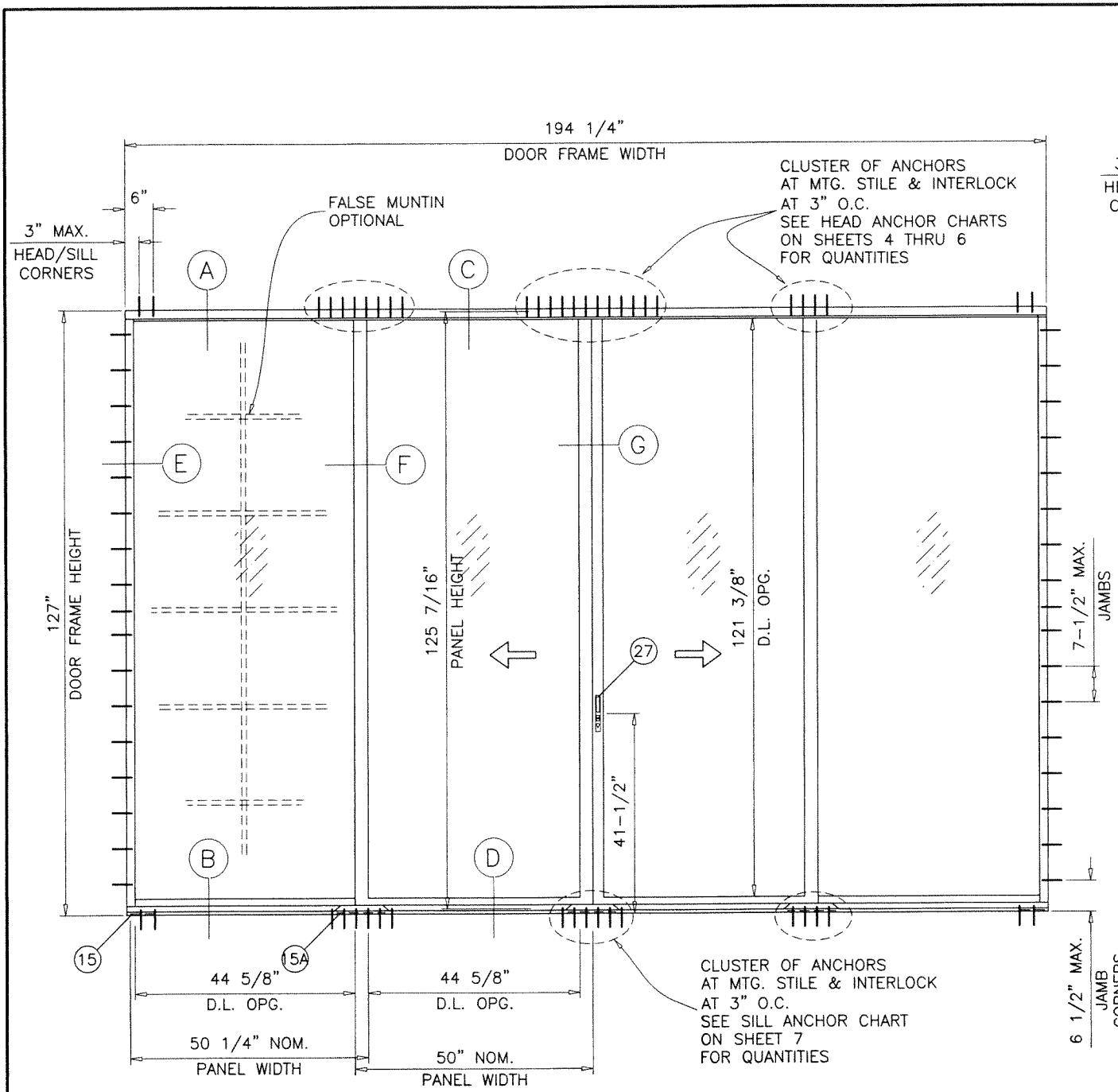
SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
3550 N.W. 49 STREET  
MIAMI, FL. 33142  
TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description
I	05.01.17	REV. PER RER COMMENTS
J	04.24.18	REV. PER RER COMMENTS
K	05.29.18	NO CHANGE THIS SHEET
L	03.08.21	UPDATED TO 2020 FBC
M	10.10.24	UPDATED TO 2023 FBC

revisions:

date: 01-31-06  
scale: 1/2" = 1"  
dr. by: TARIQ  
chk. by:

drawing no. **W06-06**  
sheet 1 of 23



TYPICAL ELEVATIONS (ANCHORED JAMBS)  
TESTED UNITS (OXXO)  
4 PANELS OR LESS

SEE SHEET 3 FOR DOOR CAPACITY  
SEE SHEETS 4 THRU 7 FOR HEAD/SILL ANCHOR CAPACITY  
LOWER VALUE FROM CHARTS WILL APPLY

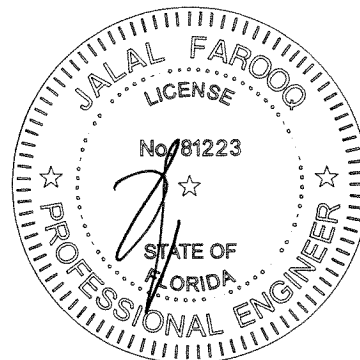
**DAYLITE OPENINGS:**

DLO WIDTH (FIX. PANEL) = PANEL WIDTH - 5.625  
DLO WIDTH (OPER. PANEL) = PANEL WIDTH - 5.375  
DLO HEIGHT = FRAME HEIGHT - 5.625 (STD. BOTTOM RAIL)  
DLO HEIGHT = FRAME HEIGHT - 6.875 (HI-RISE BOTTOM RAIL)  
NOM. PANEL HEIGHT = FRAME HEIGHT - 1.500

**SGD WITH ANCHORED JAMBS**

**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **24-1202.02**  
Expiration Date: **01/01/2028**  
By: *Manuel Torres*  
Miami-Dade Product Control

APR 20 2026



**afc**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W06-06-TCL

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
3550 N.W. 49 STREET  
MIAMI, FL. 33142  
TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description	by
I	05.01.17	REV. PER PER COMMENTS	
J	04.24.18	NO CHANGE THIS SHEET	
K	05.29.18	NO CHANGE THIS SHEET	
L	03.08.21	UPDATED TO 2020 FBC	
M	10.10.24	NO CHANGE THIS SHEET	

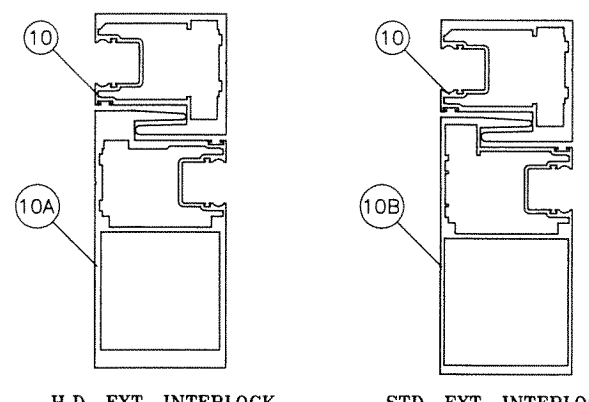
revisions:

date: 01-31-06  
scale: 3/8"=1'-0"  
dr. by: TARIQ  
chk. by:

drawing no. **W06-06**  
sheet 2 of 23

DESIGN LOAD CAPACITY - PSF (GLASS) DOORS WITH ANCHORED JAMBS														
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	H.D. EXTERIOR INTERLOCK						STD. EXTERIOR INTERLOCK						
		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS 'C' & 'D'		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS 'C' & 'D'		
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	
36	96	131.0	170.0	140.0	170.0	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
39		131.0	170.0	140.0	170.0	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
42		131.0	170.0	130.0	157.9	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
44		131.0	170.0	124.1	150.7	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
44-1/4		131.0	170.0	123.7	150.3	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
48		120.4	156.3	113.8	138.1	120.4	125.0	120.0	150.0	120.4	140.0	125.0	125.0	
48-9/16		119.0	154.5	112.4	136.5	119.0	125.0	120.0	150.0	119.0	140.0	123.6	123.6	
54		107.0	138.9	-	-	107.0	125.0	116.9	134.9	-	-	111.1	111.1	
60		-	-	-	-	125.0	125.0	97.1	113.3	-	-	100.0	100.0	
36	102	131.0	170.0	140.0	170.0	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
39		131.0	170.0	140.0	170.0	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
42		131.0	170.0	130.0	157.9	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
44		131.0	170.0	124.1	150.7	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
44-1/4		131.0	170.0	123.7	150.3	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
48		120.4	156.3	113.8	138.1	120.4	125.0	120.0	150.0	120.4	140.0	125.0	125.0	
48-9/16		119.0	154.5	112.4	136.5	119.0	125.0	120.0	150.0	119.0	140.0	123.6	123.6	
54		-	-	-	-	125.0	125.0	116.9	134.9	-	-	111.1	111.1	
60		-	-	-	-	125.0	125.0	97.1	113.3	-	-	100.0	100.0	
36	108	131.0	170.0	140.0	170.0	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
39		131.0	170.0	140.0	170.0	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
42		131.0	170.0	130.0	157.9	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
44		131.0	170.0	124.1	150.7	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
44-1/4		131.0	170.0	123.7	150.3	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
48		120.4	156.3	-	-	125.0	125.0	120.0	150.0	-	-	125.0	125.0	
48-9/16		119.0	154.5	-	-	119.0	125.0	120.0	150.0	-	-	123.6	123.6	
54		-	-	-	-	125.0	125.0	107.9	125.9	-	-	111.1	111.1	
60		-	-	-	-	125.0	125.0	-	-	-	-	100.0	100.0	
36	114	131.0	170.0	140.0	170.0	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
39		131.0	170.0	140.0	170.0	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
42		131.0	170.0	130.0	157.9	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
44		131.0	170.0	124.1	150.7	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
44-1/4		131.0	170.0	123.7	150.3	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
48-9/16		-	-	-	-	125.0	125.0	120.0	150.0	-	-	123.6	123.6	
54		-	-	-	-	125.0	125.0	107.9	125.9	-	-	111.1	111.1	
60		-	-	-	-	125.0	125.0	-	-	-	-	100.0	100.0	
36		117-3/4	131.0	170.0	140.0	170.0	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0
39	131.0		170.0	140.0	170.0	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
42	131.0		170.0	130.0	157.9	125.0	125.0	120.0	150.0	125.0	140.0	125.0	125.0	
44	131.0		170.0	-	-	125.0	125.0	120.0	150.0	-	-	125.0	125.0	
44-1/4	131.0		170.0	-	-	125.0	125.0	120.0	150.0	-	-	125.0	125.0	
48-9/16	-		-	-	-	125.0	125.0	120.0	150.0	-	-	123.6	123.6	
54	-		-	-	-	125.0	125.0	-	-	-	-	111.1	111.1	
36	120-5/8		131.0	170.0	140.0	170.0	125.0	125.0	120.0	140.0	125.0	140.0	125.0	125.0
39			131.0	170.0	140.0	170.0	125.0	125.0	120.0	140.0	125.0	140.0	125.0	125.0
42		131.0	170.0	130.0	157.9	125.0	125.0	120.0	140.0	125.0	140.0	125.0	125.0	
44		131.0	170.0	-	-	125.0	125.0	120.0	140.0	-	-	125.0	125.0	
44-1/4		131.0	170.0	-	-	125.0	125.0	120.0	140.0	-	-	125.0	125.0	
48-9/16		-	-	-	-	125.0	125.0	120.0	140.0	-	-	123.6	123.6	
54		-	-	-	-	125.0	125.0	-	-	-	-	111.1	111.1	
36		126	-	-	140.0	170.0	125.0	125.0	120.0	140.0	125.0	140.0	125.0	125.0
39			-	-	140.0	170.0	125.0	125.0	120.0	140.0	125.0	140.0	125.0	125.0
44	-		-	-	-	125.0	125.0	120.0	140.0	-	-	125.0	125.0	
44-1/4	-		-	-	-	125.0	125.0	120.0	140.0	-	-	125.0	125.0	
48-9/16	-		-	-	-	125.0	125.0	120.0	140.0	-	-	123.6	123.6	
54	-		-	-	-	125.0	125.0	-	-	-	-	111.1	111.1	

DESIGN LOAD CAPACITY - PSF (GLASS) DOORS WITH ANCHORED JAMBS														
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	H.D. EXTERIOR INTERLOCK						STD. EXTERIOR INTERLOCK						
		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS 'C' & 'D'		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS 'C' & 'D'		
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	
36	127	-	-	140.0	170.0	125.0	125.0	120.0	140.0	125.0	140.0	125.0	125.0	
39		-	-	140.0	170.0	125.0	125.0	120.0	140.0	125.0	140.0	125.0	125.0	
44		-	-	-	-	125.0	125.0	120.0	140.0	-	-	125.0	125.0	
44-1/4		-	-	-	-	125.0	125.0	120.0	140.0	-	-	125.0	125.0	
48-9/16		-	-	-	-	125.0	125.0	120.0	140.0	-	-	123.6	123.6	
54		-	-	-	-	-	-	-	-	-	-	111.1	111.1	
36		132	-	-	140.0	170.0	125.0	125.0	-	-	125.0	125.0	125.0	125.0
39			-	-	140.0	170.0	125.0	125.0	-	-	125.0	125.0	125.0	125.0
44			-	-	-	-	125.0	125.0	-	-	-	-	125.0	125.0
44-1/4	-		-	-	-	125.0	125.0	-	-	-	-	125.0	125.0	
48-9/16	-		-	-	-	125.0	125.0	-	-	-	-	123.6	123.6	
36	138		-	-	-	-	125.0	125.0	-	-	-	-	125.0	125.0
39			-	-	-	-	125.0	125.0	-	-	-	-	125.0	125.0
44			-	-	-	-	125.0	125.0	-	-	-	-	125.0	125.0
44-1/4			-	-	-	-	125.0	125.0	-	-	-	-	125.0	125.0
48-9/16		-	-	-	-	125.0	125.0	-	-	-	-	123.6	123.6	
36		144	-	-	-	-	125.0	125.0	-	-	-	-	125.0	125.0
39			-	-	-	-	125.0	125.0	-	-	-	-	125.0	125.0
44			-	-	-	-	125.0	125.0	-	-	-	-	125.0	125.0
44-1/4			-	-	-	-	125.0	125.0	-	-	-	-	125.0	125.0
48	-		-	-	-	125.0	125.0	-	-	-	-	125.0	125.0	

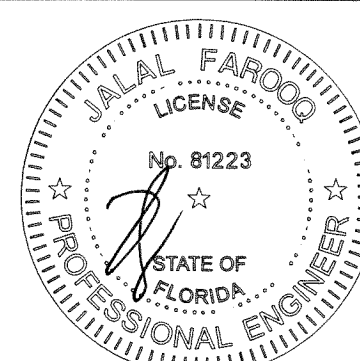


- NOTE:
- ON DOORS WITH NOMINAL PANEL WIDTHS GREATER THAN 48 INCHES LIMIT EXTERIOR(+) DESIGN LOADS TO +120.0 PSF.
  - DOORS WITH FRAME JAMB REVERSED (XO, OXO, XOX CONFIGURATIONS) LIMIT MAX. DESIGN LOADS TO ±140 PSF.

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

SGD WITH ANCHORED JAMBS

**PRODUCT REVISED**  
As complying with the Florida  
Building Code  
NOA-No. **24-1202.02**  
Expiration Date: **01/01/2028**  
By: *Manuel Perez*  
Miami-Dade Product Control



APR 20 2026

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
TEL: (305) 262-6978 FAX: (305) 262-6978  
COMP-ANL\W06-06-TGL

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
3550 N.W. 49 STREET  
MIAMI, FL. 33142  
TEL: (305) 638-5151 FAX: (305) 638-5158

no	date	description	by
I	05.01.17	REV. PER PER COMMENTS	
J	04.24.18	REV. PER PER COMMENTS	
K	05.29.18	REV. PER PER COMMENTS	
L	03.08.21	UPDATED TO 2020 FBC	
M	10.10.24	NO CHANGE THIS SHEET	

date: 01-31-06  
scale: 3/8"=1'-0"  
dr. by: TARIQ  
chk. by:

drawing no. **W06-06**  
Sheet 3 of 23

DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)

PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'A'														
		1/4" MAX. SHIM SPACE				3/8" MAX. SHIM SPACE					1/2" MAX. SHIM SPACE					
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
36	96	118.3	170.0	170.0	170.0	87.0	130.6	170.0	170.0	170.0	68.5	102.8	137.1	170.0	170.0	
39		109.2	163.8	170.0	170.0	80.3	120.5	160.7	170.0	170.0	63.2	94.9	126.5	158.2	170.0	
42		101.4	152.1	170.0	170.0	74.6	111.9	149.2	170.0	170.0	58.7	88.1	117.5	146.9	170.0	
44		96.8	145.2	170.0	170.0	71.2	106.8	142.4	170.0	170.0	56.0	84.1	112.2	140.2	168.2	
44-1/4		96.5	144.8	170.0	170.0	71.0	106.5	142.0	170.0	170.0	55.9	83.9	111.8	139.8	167.7	
48		88.8	133.1	156.3	156.3	65.3	97.9	130.6	156.3	156.3	51.4	77.1	102.8	128.5	154.2	
48-9/16		87.7	131.6	154.5	154.5	64.5	96.8	129.1	154.5	154.5	50.8	76.2	101.6	127.0	152.4	
60		71.0	106.5	125.0	125.0	52.2	78.4	104.5	125.0	125.0	41.1	61.7	82.3	102.8	123.4	
36	102	111.4	167.1	170.0	170.0	81.9	122.9	163.8	170.0	170.0	64.5	96.8	129.0	161.3	170.0	
39		102.8	154.2	170.0	170.0	75.6	113.4	151.2	170.0	170.0	59.5	89.3	119.1	148.9	170.0	
42		95.5	143.2	170.0	170.0	70.2	105.3	140.4	170.0	170.0	55.3	83.0	110.6	138.2	165.8	
44		91.1	136.7	170.0	170.0	67.0	100.6	134.1	167.6	170.0	52.7	79.2	105.6	131.9	158.3	
44-1/4		90.9	136.3	170.0	170.0	66.8	100.3	133.7	167.1	170.0	52.6	79.0	105.3	131.6	157.9	
48		83.5	125.3	156.3	156.3	61.4	92.2	122.9	153.6	156.3	48.4	72.6	96.8	120.9	145.1	
48-9/16		82.6	123.8	154.5	154.5	60.7	91.1	121.5	151.8	154.5	47.8	71.7	95.6	119.5	143.4	
60		66.8	100.2	125.0	125.0	49.1	73.7	98.3	122.9	125.0	38.7	58.1	77.4	96.8	116.1	
36	108	105.2	157.8	170.0	170.0	77.3	116.1	154.7	170.0	170.0	60.9	91.4	121.9	152.3	170.0	
39		97.1	145.6	170.0	170.0	71.4	107.1	142.8	170.0	170.0	56.2	84.4	112.5	140.6	168.7	
42		90.2	135.2	170.0	170.0	66.3	99.5	132.6	165.8	170.0	52.2	78.3	104.4	130.5	156.6	
44		86.1	129.1	170.0	170.0	63.3	95.0	126.6	158.2	170.0	49.8	74.8	99.7	124.6	149.5	
44-1/4		85.8	128.7	170.0	170.0	63.1	94.7	126.2	157.8	170.0	49.7	74.6	99.4	124.3	149.1	
48		78.9	118.3	156.3	156.3	58.0	87.1	116.1	145.1	156.3	45.7	68.6	91.4	114.2	137.1	
48-9/16		78.0	117.0	154.5	154.5	57.3	86.0	114.7	143.4	154.5	45.1	67.8	90.3	112.9	135.5	
60		70.1	105.2	125.9	125.9	51.6	77.4	103.2	125.9	125.9	40.6	60.9	81.2	101.5	121.8	
36	114	99.6	149.5	170.0	170.0	73.3	110.0	146.6	170.0	170.0	57.7	86.6	115.4	144.3	170.0	
39		92.0	138.0	170.0	170.0	67.6	101.5	135.3	169.1	170.0	53.2	79.9	106.6	133.2	159.8	
42		85.4	128.1	170.0	170.0	62.8	94.3	125.7	157.1	170.0	49.4	74.2	98.9	123.7	148.4	
44		81.5	122.3	163.1	170.0	59.9	90.0	119.9	149.9	170.0	47.2	70.9	94.4	118.0	141.6	
44-1/4		81.3	122.0	162.6	170.0	59.8	89.7	119.6	149.5	170.0	47.1	70.7	94.2	117.7	141.2	
48		74.7	112.1	149.5	170.0	54.9	82.5	109.9	137.4	164.9	43.3	64.9	86.6	108.2	129.8	
48-9/16		73.9	110.8	147.7	150.0	54.3	81.5	108.7	135.8	150.0	42.8	64.2	85.6	107.0	128.3	
60		66.4	99.6	125.9	125.9	48.8	73.3	97.7	122.2	125.9	38.5	57.7	77.0	96.2	115.4	
36	117-3/4	96.5	144.7	170.0	170.0	70.9	106.5	141.9	170.0	170.0	55.8	83.8	111.8	139.7	167.6	
39		89.1	133.6	170.0	170.0	65.5	98.3	131.0	163.7	170.0	51.6	77.4	103.2	128.9	154.7	
42		82.7	124.0	165.4	170.0	60.8	91.3	121.7	152.1	170.0	47.9	71.9	95.8	119.7	143.7	
44		78.9	118.4	157.9	170.0	58.0	87.1	116.1	145.1	170.0	45.7	68.6	91.4	114.3	137.1	
44-1/4		78.7	118.1	157.4	170.0	57.9	86.9	115.8	144.7	170.0	45.6	68.4	91.2	114.0	136.7	
48		72.4	108.5	144.7	170.0	53.2	79.8	106.4	133.0	159.6	41.9	62.9	83.8	104.8	125.7	
48-9/16		71.5	107.3	143.0	150.0	52.6	78.9	105.2	131.5	150.0	41.4	62.2	82.9	103.6	124.3	
60		64.3	96.5	125.0	125.0	47.3	71.0	94.6	118.3	125.0	37.2	55.9	74.5	93.1	111.7	

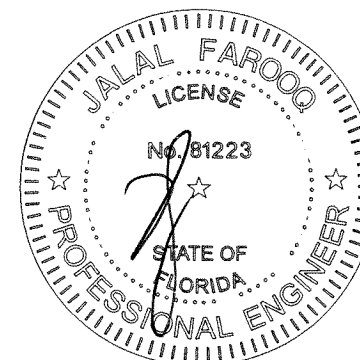
CHART CONTINUES ON NEXT SHEET

SEE CHART ON SHEET 3 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 7 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH ANCHORED JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control  
**APR 20 2026**



**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-06RC

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	by	description
I	05.01.17	REV. PER	REV PER COMMENTS
J	04.24.18	REV. PER	REV PER COMMENTS
K	05.29.18	REV. PER	REV PER COMMENTS
L	03.08.21	UPDATED TO	2020 FBC
M	10.10.24	NO CHANGE	THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:  
 drawing no.  
**W06-06**  
 sheet 4 of 23

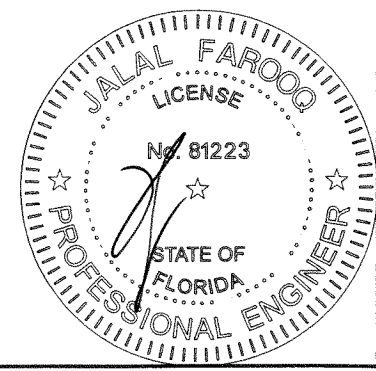
DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)																
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'A'														
		1/4" MAX. SHIM SPACE				3/8" MAX. SHIM SPACE					1/2" MAX. SHIM SPACE					
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
36	120-5/8	94.2	141.3	170.0	170.0	69.2	103.9	138.5	170.0	170.0	54.5	81.8	109.1	136.4	163.6	
39		86.9	130.4	170.0	170.0	63.9	95.9	127.9	159.8	170.0	50.3	75.5	100.7	125.9	151.0	
42		80.7	121.1	161.4	170.0	59.3	89.1	118.8	148.4	170.0	46.7	70.1	93.5	116.9	140.2	
44		77.1	115.6	154.1	170.0	56.7	85.0	113.4	141.7	170.0	44.6	67.0	89.3	111.6	133.9	
44-1/4		76.8	115.3	153.7	170.0	56.5	84.8	113.0	141.3	169.5	44.5	66.8	89.0	111.2	133.5	
48		70.6	105.9	141.3	170.0	51.9	77.9	103.9	129.9	155.8	40.9	61.4	81.8	102.3	122.7	
48-9/16		69.8	104.7	139.6	140.0	51.3	77.0	102.7	128.4	140.0	40.4	60.7	80.9	101.1	121.3	
54		62.8	94.2	125.0	125.0	46.2	69.3	92.4	115.4	125.0	36.3	54.6	72.7	90.9	109.1	
36	126	90.2	135.2	170.0	170.0	66.3	99.5	132.6	165.8	170.0	52.2	78.3	104.4	130.5	156.6	
39		83.2	124.8	166.4	170.0	61.2	91.8	122.4	153.0	170.0	48.2	72.3	96.4	120.5	144.6	
42		77.3	115.9	140.0	140.0	56.8	85.3	113.7	140.0	140.0	44.7	67.2	89.5	111.9	134.3	
44		73.8	110.6	140.0	140.0	54.2	81.4	108.5	135.6	140.0	42.7	64.1	85.5	106.8	128.2	
44-1/4		73.6	110.3	140.0	140.0	54.1	81.2	108.2	135.3	140.0	42.6	63.9	85.2	106.5	127.8	
48		67.6	101.4	135.2	140.0	49.7	74.6	99.5	124.3	140.0	39.1	58.8	78.3	97.9	117.5	
48-9/16		66.8	100.3	133.7	140.0	49.1	73.8	98.3	122.9	140.0	38.7	58.1	77.4	96.8	116.1	
54		60.1	90.2	120.2	125.0	44.2	66.3	88.4	110.5	125.0	34.8	52.2	69.6	87.0	104.4	
36	127	89.4	134.2	170.0	170.0	65.8	98.7	131.6	164.5	170.0	51.8	77.7	103.6	129.5	155.4	
39		82.6	123.9	165.1	170.0	60.7	91.1	121.5	151.8	170.0	47.8	71.8	95.7	119.5	143.4	
42		76.7	115.0	140.0	140.0	56.4	84.6	112.8	140.0	140.0	44.4	66.6	88.8	111.0	133.2	
44		73.2	109.8	140.0	140.0	53.8	80.8	107.7	134.6	140.0	42.4	63.6	84.8	106.0	127.1	
44-1/4		73.0	109.5	140.0	140.0	53.7	80.5	107.4	134.2	140.0	42.2	63.4	84.5	105.7	126.8	
48		67.1	100.6	134.2	140.0	49.3	74.0	98.7	123.4	140.0	38.8	58.3	77.7	97.1	116.6	
48-9/16		66.3	99.5	132.6	140.0	48.8	73.2	97.5	121.9	140.0	38.4	57.6	76.8	96.0	115.2	
54		59.6	89.4	111.1	111.1	43.8	65.8	87.7	109.6	111.1	34.5	51.8	69.1	86.3	103.6	
36	132	86.1	129.1	170.0	170.0	63.3	95.0	126.6	158.2	170.0	49.8	74.8	99.7	124.6	149.5	
39		79.4	119.2	158.9	170.0	58.4	87.7	116.9	146.1	170.0	46.0	69.0	92.0	115.0	138.0	
42		73.8	110.6	125.0	125.0	54.2	81.4	108.5	125.0	125.0	42.7	64.1	85.5	106.8	125.0	
44		70.4	105.6	125.0	125.0	51.8	77.7	103.6	125.0	125.0	40.8	61.2	81.6	102.0	122.3	
44-1/4		70.2	105.3	125.0	125.0	51.6	77.5	103.3	125.0	125.0	40.6	61.0	81.3	101.7	122.0	
48-9/16		64.5	96.8	125.0	125.0	47.5	71.2	95.0	118.7	125.0	37.4	56.1	74.8	93.5	112.1	
36		138	82.3	123.5	125.0	125.0	60.5	90.8	121.1	125.0	125.0	47.7	71.5	95.4	119.2	125.0
39			76.0	114.0	125.0	125.0	55.9	83.9	111.8	125.0	125.0	44.0	66.0	88.0	110.0	125.0
42	70.6		105.8	125.0	125.0	51.9	77.9	103.8	125.0	125.0	40.8	61.3	81.7	102.2	122.6	
44	67.4		101.0	125.0	125.0	49.5	74.3	99.1	123.8	125.0	39.0	58.5	78.0	97.5	117.0	
44-1/4	67.2		100.7	125.0	125.0	49.4	74.1	98.8	123.5	125.0	38.9	58.4	77.8	97.2	116.7	
48-9/16	61.7		92.6	123.5	125.0	45.4	68.1	90.8	113.5	125.0	35.7	53.7	71.5	89.4	107.3	
36	144		78.9	118.3	125.0	125.0	58.0	87.1	116.1	125.0	125.0	45.7	68.6	91.4	114.2	125.0
39			72.8	109.2	125.0	125.0	53.5	80.4	107.1	125.0	125.0	42.2	63.3	84.4	105.4	125.0
42		67.6	101.4	125.0	125.0	49.7	74.6	99.5	124.3	125.0	39.1	58.8	78.3	97.9	117.5	
44		64.5	96.8	125.0	125.0	47.5	71.2	95.0	118.7	125.0	37.4	56.1	74.8	93.5	112.1	
44-1/4		64.4	96.5	125.0	125.0	47.3	71.0	94.7	118.3	125.0	37.3	55.9	74.6	93.2	111.8	
48		59.2	88.8	118.3	125.0	43.5	65.3	87.0	108.8	125.0	34.3	51.4	68.5	85.7	102.8	

SEE CHART ON SHEET 3 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 7 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH ANCHORED JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control  
**APR 20 2026**



**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 (C.A.N. 3538)  
 COMP-ANL\W06-06RC

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	no	date	description
	I	05.01.17	REV. PER RER COMMENTS
	J	04.24.18	REV. PER RER COMMENTS
	K	05.29.18	REV. PER RER COMMENTS
	L	03.08.21	UPDATED TO 2020 FBC
	M	10.10.24	NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no.  
**W06-06**  
 sheet 4.1 of 23

DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)

PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'B'														
		1/4" MAX. SHIM SPACE				3/8" MAX. SHIM SPACE					1/2" MAX. SHIM SPACE					
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
36 39 42 44 44-1/4 48 48-9/16 54 60	96	134.0	170.0	170.0	170.0	87.0	130.6	170.0	170.0	170.0	68.5	102.8	137.1	170.0	170.0	
		123.7	170.0	170.0	170.0	80.3	120.5	160.7	170.0	170.0	63.2	94.9	126.5	158.2	170.0	
		114.9	170.0	170.0	170.0	74.6	111.9	149.2	170.0	170.0	58.7	88.1	117.5	146.9	170.0	
		109.6	164.5	170.0	170.0	71.2	106.8	142.4	170.0	170.0	56.0	84.1	112.2	140.2	168.2	
		109.3	164.0	170.0	170.0	71.0	106.5	142.0	170.0	170.0	55.9	83.9	111.8	139.8	167.7	
		100.5	150.8	156.3	156.3	65.3	97.9	130.6	156.3	156.3	51.4	77.1	102.8	128.5	154.2	
		99.3	149.0	154.5	154.5	64.5	96.8	129.1	154.5	154.5	50.8	76.2	101.6	127.0	152.4	
		89.3	134.0	138.9	138.9	58.0	87.1	116.1	138.9	138.9	45.7	68.6	91.4	114.2	137.1	
80.4	120.6	125.0	125.0	52.2	78.4	104.5	125.0	125.0	41.1	61.7	82.3	102.8	123.4			
36 39 42 44 44-1/4 48 48-9/16 54 60	102	126.1	170.0	170.0	170.0	81.9	122.9	163.8	170.0	170.0	64.5	96.8	129.0	161.3	170.0	
		116.4	170.0	170.0	170.0	75.6	113.4	151.2	170.0	170.0	59.5	89.3	119.1	148.9	170.0	
		108.1	162.2	170.0	170.0	70.2	105.3	140.4	170.0	170.0	55.3	83.0	110.6	138.2	165.8	
		103.2	154.8	170.0	170.0	67.0	100.6	134.1	167.6	170.0	52.7	79.2	105.6	131.9	158.3	
		102.9	154.3	170.0	170.0	66.8	100.3	133.7	167.1	170.0	52.6	79.0	105.3	131.6	157.9	
		94.6	141.9	156.3	156.3	61.4	92.2	122.9	153.6	156.3	48.4	72.6	96.8	120.9	145.1	
		93.5	140.2	154.5	154.5	60.7	91.1	121.5	151.8	154.5	47.8	71.7	95.6	119.5	143.4	
		84.1	126.1	134.9	134.9	54.6	81.9	109.2	134.9	134.9	43.0	64.5	86.0	107.5	129.0	
75.7	113.5	125.0	125.0	49.1	73.7	98.3	122.9	125.0	38.7	58.1	77.4	96.8	116.1			
36 39 42 44 44-1/4 48 48-9/16 54 60	108	119.1	170.0	170.0	170.0	77.3	116.1	154.7	170.0	170.0	60.9	91.4	121.9	152.3	170.0	
		109.9	164.9	170.0	170.0	71.4	107.1	142.8	170.0	170.0	56.2	84.4	112.5	140.6	168.7	
		102.1	153.1	170.0	170.0	66.3	99.5	132.6	165.8	170.0	52.2	78.3	104.4	130.5	156.6	
		97.5	146.2	170.0	170.0	63.3	95.0	126.6	158.2	170.0	49.8	74.8	99.7	124.6	149.5	
		97.2	145.8	170.0	170.0	63.1	94.7	126.2	157.8	170.0	49.7	74.6	99.4	124.3	149.1	
		89.3	134.0	156.3	156.3	58.0	87.1	116.1	145.1	156.3	45.7	68.6	91.4	114.2	137.1	
		88.3	132.4	154.5	154.5	57.3	86.0	114.7	143.4	154.5	45.1	67.8	90.3	112.9	135.5	
		79.4	119.1	125.9	125.9	51.6	77.4	103.2	125.9	125.9	40.6	60.9	81.2	101.5	121.8	
71.5	107.2	125.0	125.0	46.4	69.6	92.8	116.0	125.0	36.5	54.8	73.1	91.4	109.6			
36 39 42 44 44-1/4 48 48-9/16 54 60	114	112.8	169.3	170.0	170.0	73.3	110.0	146.6	170.0	170.0	57.7	86.6	115.4	144.3	170.0	
		104.2	156.2	170.0	170.0	67.6	101.5	135.3	169.1	170.0	53.2	79.9	106.6	133.2	159.8	
		96.7	145.1	170.0	170.0	62.8	94.3	125.7	157.1	170.0	49.4	74.2	98.9	123.7	148.4	
		92.3	138.5	170.0	170.0	59.9	90.0	119.9	149.9	170.0	47.2	70.9	94.4	118.0	141.6	
		92.1	138.1	170.0	170.0	59.8	89.7	119.6	149.5	170.0	47.1	70.7	94.2	117.7	141.2	
		84.6	126.9	169.3	170.0	54.9	82.5	109.9	137.4	164.9	43.3	64.9	86.6	108.2	129.8	
		83.7	125.5	150.0	150.0	54.3	81.5	108.7	135.8	150.0	42.8	64.2	85.6	107.0	128.3	
		75.2	112.8	125.9	125.9	48.8	73.3	97.7	122.2	125.9	38.5	57.7	77.0	96.2	115.4	
67.7	101.6	125.0	125.0	44.0	66.0	88.0	109.9	125.0	34.6	52.0	69.3	86.6	103.9			
36 39 42 44 44-1/4 48 48-9/16 54	117-3/4	109.2	163.9	170.0	170.0	70.9	106.5	141.9	170.0	170.0	55.8	83.8	111.8	139.7	167.6	
		100.8	151.3	170.0	170.0	65.5	98.3	131.0	163.7	170.0	51.6	77.4	103.2	128.9	154.7	
		93.6	140.5	170.0	170.0	60.8	91.3	121.7	152.1	170.0	47.9	71.9	95.8	119.7	143.7	
		89.4	134.1	170.0	170.0	58.0	87.1	116.1	145.1	170.0	45.7	68.6	91.4	114.3	137.1	
		89.1	133.7	170.0	170.0	57.9	86.9	115.8	144.7	170.0	45.6	68.4	91.2	114.0	136.7	
		81.9	122.9	163.9	170.0	53.2	79.8	106.4	133.0	159.6	41.9	62.9	83.8	104.8	125.7	
		81.0	121.5	150.0	150.0	52.6	78.9	105.2	131.5	150.0	41.4	62.2	82.9	103.6	124.3	
		72.8	109.2	125.0	125.0	47.3	71.0	94.6	118.3	125.0	37.2	55.9	74.5	93.1	111.7	

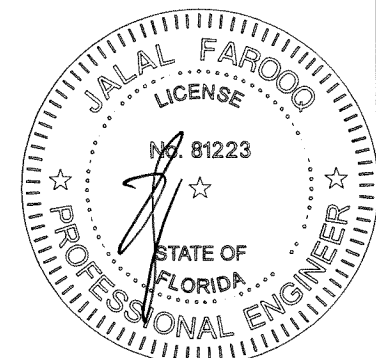
CHART CONTINUES ON NEXT SHEET

SEE CHART ON SHEET 3 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 7 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH ANCHORED JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control  
**APR 20 2026**



**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP - ANL \ W06-06RC

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description
I	05.01.17	REV. PER PER COMMENTS
J	04.24.18	REV. PER PER COMMENTS
K	05.29.18	REV. PER PER COMMENTS
L	03.08.21	UPDATED TO 2020 FBC
M	10.10.24	NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:  
 drawing no.  
**W06-06**  
 sheet 5 of 23

DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)																
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'B'														
		1/4" MAX. SHIM SPACE					3/8" MAX. SHIM SPACE					1/2" MAX. SHIM SPACE				
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	120-5/8	106.6	160.0	170.0	170.0	69.2	103.9	138.5	170.0	170.0	54.5	81.8	109.1	136.4	163.6	
39		98.4	147.7	170.0	170.0	63.9	95.9	127.9	159.8	170.0	50.3	75.5	100.7	125.9	151.0	
42		91.4	137.1	170.0	170.0	59.3	89.1	118.8	148.4	170.0	46.7	70.1	93.5	116.9	140.2	
44		87.3	130.9	170.0	170.0	56.7	85.0	113.4	141.7	170.0	44.6	67.0	89.3	111.6	133.9	
44-1/4		87.0	130.5	170.0	170.0	56.5	84.8	113.0	141.3	169.5	44.5	66.8	89.0	111.2	133.5	
48		80.0	120.0	160.0	170.0	51.9	77.9	103.9	129.9	155.8	40.9	61.4	81.8	102.3	122.7	
48-9/16		79.1	118.6	140.0	140.0	51.3	77.0	102.7	128.4	140.0	40.4	60.7	80.9	101.1	121.3	
54		71.1	106.6	125.0	125.0	46.2	69.3	92.4	115.4	125.0	36.3	54.6	72.7	90.9	109.1	
36	126	102.1	153.1	170.0	170.0	66.3	99.5	132.6	165.8	170.0	52.2	78.3	104.4	130.5	156.6	
39		94.2	141.4	170.0	170.0	61.2	91.8	122.4	153.0	170.0	48.2	72.3	96.4	120.5	144.6	
42		87.5	131.3	140.0	140.0	56.8	85.3	113.7	140.0	140.0	44.7	67.2	89.5	111.9	134.3	
44		83.5	125.3	140.0	140.0	54.2	81.4	108.5	135.6	140.0	42.7	64.1	85.5	106.8	128.2	
44-1/4		83.3	124.9	140.0	140.0	54.1	81.2	108.2	135.3	140.0	42.6	63.9	85.2	106.5	127.8	
48		76.6	114.9	140.0	140.0	49.7	74.6	99.5	124.3	140.0	39.1	58.8	78.3	97.9	117.5	
48-9/16		75.7	113.5	140.0	140.0	49.1	73.8	98.3	122.9	140.0	38.7	58.1	77.4	96.8	116.1	
54		68.1	102.1	125.0	125.0	44.2	66.3	88.4	110.5	125.0	34.8	52.2	69.6	87.0	104.4	
36	127	101.3	151.9	170.0	170.0	65.8	98.7	131.6	164.5	170.0	51.8	77.7	103.6	129.5	155.4	
39		93.5	140.2	170.0	170.0	60.7	91.1	121.5	151.8	170.0	47.8	71.8	95.7	119.5	143.4	
42		86.8	130.2	140.0	140.0	56.4	84.6	112.8	140.0	140.0	44.4	66.6	88.8	111.0	133.2	
44		82.9	124.3	140.0	140.0	53.8	80.8	107.7	134.6	140.0	42.4	63.6	84.8	106.0	127.1	
44-1/4		82.6	124.0	140.0	140.0	53.7	80.5	107.4	134.2	140.0	42.2	63.4	84.5	105.7	126.8	
48		76.0	114.0	140.0	140.0	49.3	74.0	98.7	123.4	140.0	38.8	58.3	77.7	97.1	116.6	
48-9/16		75.1	112.6	140.0	140.0	48.8	73.2	97.5	121.9	140.0	38.4	57.6	76.8	96.0	115.2	
54		67.5	101.3	111.1	111.1	43.8	65.8	87.7	109.6	111.1	34.5	51.8	69.1	86.3	103.6	
36	132	97.5	146.2	170.0	170.0	63.3	95.0	126.6	158.2	170.0	49.8	74.8	99.7	124.6	149.5	
39		90.0	134.9	170.0	170.0	58.4	87.7	116.9	146.1	170.0	46.0	69.0	92.0	115.0	138.0	
42		83.5	125.0	125.0	125.0	54.2	81.4	108.5	125.0	125.0	42.7	64.1	85.5	106.8	125.0	
44		79.7	119.6	125.0	125.0	51.8	77.7	103.6	125.0	125.0	40.8	61.2	81.6	102.0	122.3	
44-1/4		79.5	119.3	125.0	125.0	51.6	77.5	103.3	125.0	125.0	40.6	61.0	81.3	101.7	122.0	
48-9/16		73.1	109.6	125.0	125.0	47.5	71.2	95.0	118.7	125.0	37.4	56.1	74.8	93.5	112.1	
36		138	93.2	125.0	125.0	125.0	60.5	90.8	121.1	125.0	125.0	47.7	71.5	95.4	119.2	125.0
39			86.0	125.0	125.0	125.0	55.9	83.9	111.8	125.0	125.0	44.0	66.0	88.0	110.0	125.0
42	79.9		119.9	125.0	125.0	51.9	77.9	103.8	125.0	125.0	40.8	61.3	81.7	102.2	122.6	
44	76.3		114.4	125.0	125.0	49.5	74.3	99.1	123.8	125.0	39.0	58.5	78.0	97.5	117.0	
44-1/4	76.1		114.1	125.0	125.0	49.4	74.1	98.8	123.5	125.0	38.9	58.4	77.8	97.2	116.7	
48-9/16	69.9		104.9	125.0	125.0	45.4	68.1	90.8	113.5	125.0	35.7	53.7	71.5	89.4	107.3	
36	144		89.3	125.0	125.0	125.0	58.0	87.1	116.1	125.0	125.0	45.7	68.6	91.4	114.2	125.0
39			82.5	123.7	125.0	125.0	53.5	80.4	107.1	125.0	125.0	42.2	63.3	84.4	105.4	125.0
42		76.6	114.9	125.0	125.0	49.7	74.6	99.5	124.3	125.0	39.1	58.8	78.3	97.9	117.5	
44		73.1	109.6	125.0	125.0	47.5	71.2	95.0	118.7	125.0	37.4	56.1	74.8	93.5	112.1	
44-1/4		72.9	109.3	125.0	125.0	47.3	71.0	94.7	118.3	125.0	37.3	55.9	74.6	93.2	111.8	
48		67.0	100.5	125.0	125.0	43.5	65.3	87.0	108.8	125.0	34.3	51.4	68.5	85.7	102.8	

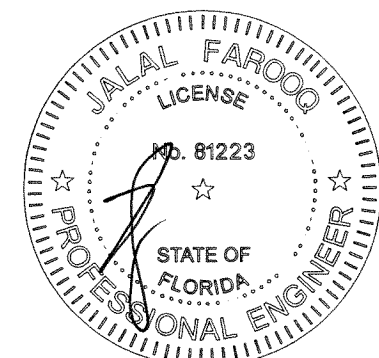
SEE CHART ON SHEET 3 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 7 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY


SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH ANCHORED JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Torres*  
 Miami-Dade Product Control

APR 20 2026





**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-06RC

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SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)

**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description	by
I	05.01.17	REV. PER RER COMMENTS	
J	04.24.18	REV. PER RER COMMENTS	
K	05.29.18	REV. PER RER COMMENTS	
L	03.08.21	UPDATED TO 2020 FBC	
M	10.10.24	NO CHANGE THIS SHEET	

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no. **W06-06**  
 sheet 5.1 of 23

DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)														
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'C'												
		1/4" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE				1/2" MAX. SHIM SPACE					
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS
EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
36	96	166.3	170.0	170.0	123.8	170.0	170.0	170.0	170.0	98.7	148.0	170.0	170.0	170.0
39		153.5	170.0	170.0	114.3	170.0	170.0	170.0	170.0	91.1	136.6	170.0	170.0	170.0
42		142.6	170.0	170.0	106.1	159.3	170.0	170.0	170.0	84.6	126.9	169.1	170.0	170.0
44		136.1	170.0	170.0	101.3	152.0	170.0	170.0	170.0	80.7	121.1	161.5	170.0	170.0
44-1/4		135.7	170.0	170.0	101.0	151.6	170.0	170.0	170.0	80.5	120.7	161.0	170.0	170.0
48		124.8	156.3	156.3	92.9	139.4	156.3	156.3	156.3	74.0	111.0	148.0	156.3	156.3
48-9/16		123.3	154.5	154.5	91.8	137.8	154.5	154.5	154.5	73.1	109.7	146.3	154.5	154.5
54		110.9	138.9	138.9	82.6	123.9	138.9	138.9	138.9	65.8	98.7	131.6	138.9	138.9
60		99.8	125.0	125.0	74.3	111.5	125.0	125.0	125.0	59.2	88.8	118.4	125.0	125.0
36		102	156.5	170.0	170.0	116.5	170.0	170.0	170.0	170.0	92.9	139.3	170.0	170.0
39	144.5		170.0	170.0	107.6	161.4	170.0	170.0	170.0	85.7	128.6	170.0	170.0	170.0
42	134.2		170.0	170.0	99.9	149.9	170.0	170.0	170.0	79.6	119.4	159.2	170.0	170.0
44	128.1		170.0	170.0	95.4	143.1	170.0	170.0	170.0	76.0	114.0	152.0	170.0	170.0
44-1/4	127.7		170.0	170.0	95.1	142.7	170.0	170.0	170.0	75.8	113.6	151.5	170.0	170.0
48	117.4		156.3	156.3	87.4	131.2	156.3	156.3	156.3	69.6	104.5	139.3	156.3	156.3
48-9/16	116.1		154.5	154.5	86.4	129.7	154.5	154.5	154.5	68.8	103.3	137.7	154.5	154.5
54	104.4		134.9	134.9	77.7	116.6	134.9	134.9	134.9	61.9	92.9	123.8	134.9	134.9
60	93.9		125.0	125.0	69.9	104.9	125.0	125.0	125.0	55.7	83.6	111.4	125.0	125.0
36	108		147.9	170.0	170.0	110.1	165.2	170.0	170.0	170.0	87.7	131.6	170.0	170.0
39		136.5	170.0	170.0	101.6	152.5	170.0	170.0	170.0	81.0	121.4	161.9	170.0	170.0
42		126.7	170.0	170.0	94.3	141.6	170.0	170.0	170.0	75.2	112.8	150.3	170.0	170.0
44		121.0	170.0	170.0	90.1	135.2	170.0	170.0	170.0	71.8	107.6	143.5	170.0	170.0
44-1/4		120.6	170.0	170.0	89.8	134.8	170.0	170.0	170.0	71.6	107.3	143.1	170.0	170.0
48		110.9	156.3	156.3	82.6	123.9	156.3	156.3	156.3	65.8	98.7	131.6	156.3	156.3
48-9/16		109.6	154.5	154.5	81.6	122.5	154.5	154.5	154.5	65.0	97.5	130.0	154.5	154.5
54		98.6	125.9	125.9	73.4	110.1	125.9	125.9	125.9	58.5	87.7	116.9	125.9	125.9
60		88.7	125.0	125.0	66.0	99.1	125.0	125.0	125.0	52.6	78.9	105.2	125.0	125.0
36		114	140.1	170.0	170.0	104.3	156.5	170.0	170.0	170.0	83.1	124.6	166.2	170.0
39	129.3		170.0	170.0	96.3	144.5	170.0	170.0	170.0	76.7	115.0	153.4	170.0	170.0
42	120.1		170.0	170.0	89.4	134.1	170.0	170.0	170.0	71.2	106.8	142.4	170.0	170.0
44	114.6		170.0	170.0	85.3	128.0	170.0	170.0	170.0	68.0	102.0	136.0	170.0	170.0
44-1/4	114.3		170.0	170.0	85.1	127.7	170.0	170.0	170.0	67.8	101.7	135.6	169.5	170.0
48	105.1		157.6	170.0	78.2	117.4	156.5	170.0	170.0	62.3	93.5	124.6	155.8	170.0
48-9/16	103.8		150.0	150.0	77.3	116.0	150.0	150.0	150.0	61.6	92.4	123.2	150.0	150.0
54	93.4		125.9	125.9	69.5	104.3	125.9	125.9	125.9	55.4	83.1	110.8	125.9	125.9
60	84.0		125.0	125.0	62.6	93.9	125.0	125.0	125.0	49.9	74.8	99.7	124.6	125.0
36	117-3/4		135.6	170.0	170.0	101.0	151.5	170.0	170.0	170.0	80.4	120.7	160.9	170.0
39		125.2	170.0	170.0	93.2	139.9	170.0	170.0	170.0	74.3	111.4	148.5	170.0	170.0
42		116.2	170.0	170.0	86.5	129.9	170.0	170.0	170.0	68.9	103.4	137.9	170.0	170.0
44		111.0	166.4	170.0	82.6	124.0	165.3	170.0	170.0	65.8	98.7	131.6	164.5	170.0
44-1/4		110.6	166.0	170.0	82.4	123.6	164.8	170.0	170.0	65.6	98.4	131.3	164.1	170.0
48		101.7	152.6	170.0	75.7	113.6	151.5	170.0	170.0	60.3	90.5	120.7	150.8	170.0
48-9/16		100.5	150.0	150.0	74.8	112.3	149.7	150.0	150.0	59.6	89.4	119.3	149.1	150.0
54		90.4	125.0	125.0	67.3	101.0	125.0	125.0	125.0	53.6	80.4	107.3	125.0	125.0

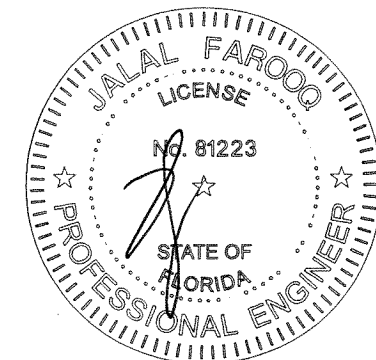
CHART CONTINUES ON NEXT SHEET

SEE CHART ON SHEET 3 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 7 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH ANCHORED JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control



APR 20 2026

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
 MIAMI, FLORIDA 33173 FAX. (305) 262-6978  
 TEL. (305) 264-8100

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description
I	05.01.17	REV. PER PER COMMENTS
J	04.24.18	REV. PER PER COMMENTS
K	05.29.18	REV. PER PER COMMENTS
L	03.08.21	UPDATED TO 2020 FBC
M	10.10.24	NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no.  
**W06-06**  
 sheet 6 of 23

COMP-ANL\W06-06RC

DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)

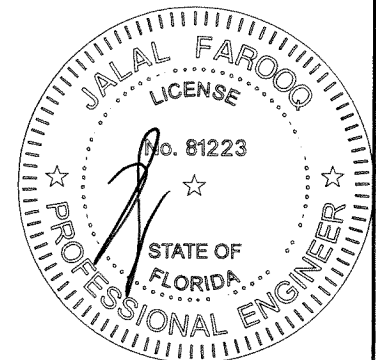
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'C'														
		1/4" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE						1/2" MAX. SHIM SPACE					
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS		
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)		
36 39 42 44 44-1/4 48 48-9/16 54	120-5/8	132.4	170.0	170.0	98.6	147.9	170.0	170.0	170.0	78.5	117.8	157.0	170.0	170.0		
		122.2	170.0	170.0	91.0	136.5	170.0	170.0	170.0	72.5	108.7	145.0	170.0	170.0		
		113.5	170.0	170.0	84.5	126.8	169.0	170.0	170.0	67.3	101.0	134.6	168.3	170.0		
		108.3	162.5	170.0	80.6	121.0	161.3	170.0	170.0	64.2	96.4	128.5	160.6	170.0		
		108.0	162.0	170.0	80.4	120.7	160.9	170.0	170.0	64.1	96.1	128.1	160.2	170.0		
		99.3	148.9	170.0	73.9	110.9	147.9	170.0	170.0	58.9	88.3	117.8	147.2	170.0		
		98.1	140.0	140.0	73.1	109.6	140.0	140.0	140.0	58.2	87.3	116.4	140.0	140.0		
88.3	125.0	125.0	65.7	98.6	125.0	125.0	125.0	52.3	78.5	104.7	125.0	125.0				
36 39 42 44 44-1/4 48 48-9/16 54	126	126.7	170.0	170.0	94.3	141.6	170.0	170.0	170.0	75.2	112.8	150.3	170.0	170.0		
		117.0	170.0	170.0	87.1	130.7	170.0	170.0	170.0	69.4	104.1	138.8	170.0	170.0		
		108.6	140.0	140.0	80.9	121.4	140.0	140.0	140.0	64.4	96.7	128.9	140.0	140.0		
		103.7	140.0	140.0	77.2	115.8	140.0	140.0	140.0	61.5	92.3	123.0	140.0	140.0		
		103.4	140.0	140.0	77.0	115.5	140.0	140.0	140.0	61.3	92.0	122.7	140.0	140.0		
		95.0	140.0	140.0	70.8	106.2	140.0	140.0	140.0	56.4	84.6	112.8	140.0	140.0		
		93.9	140.0	140.0	69.9	105.0	139.9	140.0	140.0	55.7	83.6	111.5	139.3	140.0		
84.5	125.0	125.0	62.9	94.4	125.0	125.0	125.0	50.1	75.2	100.2	125.0	125.0				
36 39 42 44 44-1/4 48 48-9/16 54	127	125.7	170.0	170.0	93.6	140.5	170.0	170.0	170.0	74.6	111.9	149.2	170.0	170.0		
		116.1	170.0	170.0	86.4	129.7	170.0	170.0	170.0	68.8	103.3	137.7	170.0	170.0		
		107.8	140.0	140.0	80.2	120.4	140.0	140.0	140.0	63.9	95.9	127.9	140.0	140.0		
		102.9	140.0	140.0	76.6	114.9	140.0	140.0	140.0	61.0	91.5	122.0	140.0	140.0		
		102.6	140.0	140.0	76.4	114.6	140.0	140.0	140.0	60.8	91.3	121.7	140.0	140.0		
		94.3	140.0	140.0	70.2	105.4	140.0	140.0	140.0	55.9	83.9	111.9	139.8	140.0		
		93.2	139.8	140.0	69.4	104.1	138.8	140.0	140.0	55.3	82.9	110.6	138.2	140.0		
83.8	111.1	111.1	62.4	93.6	111.1	111.1	111.1	49.7	74.6	99.4	111.1	111.1				
36 39 42 44 44-1/4 48 48-9/16	132	121.0	170.0	170.0	90.1	135.2	170.0	170.0	170.0	71.8	107.6	143.5	170.0	170.0		
		111.7	167.5	170.0	83.1	124.8	166.3	170.0	170.0	66.2	99.4	132.5	165.6	170.0		
		103.7	125.0	125.0	77.2	115.8	125.0	125.0	125.0	61.5	92.3	123.0	125.0	125.0		
		99.0	125.0	125.0	73.7	110.6	125.0	125.0	125.0	58.7	88.1	117.4	125.0	125.0		
		98.7	125.0	125.0	73.5	110.3	125.0	125.0	125.0	58.5	87.8	117.1	125.0	125.0		
		90.7	125.0	125.0	67.5	101.4	125.0	125.0	125.0	53.8	80.7	107.6	125.0	125.0		
		115.7	125.0	125.0	86.1	125.0	125.0	125.0	125.0	68.6	103.0	125.0	125.0	125.0		
36 39 42 44 44-1/4 48 48-9/16	138	106.8	125.0	125.0	79.5	119.3	125.0	125.0	125.0	63.4	95.0	125.0	125.0	125.0		
		99.2	125.0	125.0	73.8	110.8	125.0	125.0	125.0	58.8	88.2	117.7	125.0	125.0		
		94.7	125.0	125.0	70.5	105.8	125.0	125.0	125.0	56.2	84.2	112.3	125.0	125.0		
		94.4	125.0	125.0	70.3	105.5	125.0	125.0	125.0	56.0	84.0	112.0	125.0	125.0		
		86.8	125.0	125.0	64.6	97.0	125.0	125.0	125.0	51.5	77.2	103.0	125.0	125.0		
		110.9	125.0	125.0	82.6	123.9	125.0	125.0	125.0	65.8	98.7	125.0	125.0	125.0		
		102.4	125.0	125.0	76.2	114.4	125.0	125.0	125.0	60.7	91.1	121.4	125.0	125.0		
36 39 42 44 44-1/4 48	144	95.0	125.0	125.0	70.8	106.2	125.0	125.0	125.0	56.4	84.6	112.8	125.0	125.0		
		90.7	125.0	125.0	67.5	101.4	125.0	125.0	125.0	53.8	80.7	107.6	125.0	125.0		
		90.5	125.0	125.0	67.4	101.1	125.0	125.0	125.0	53.7	80.5	107.3	125.0	125.0		
		83.2	124.8	125.0	61.9	92.9	123.9	125.0	125.0	49.3	74.0	98.7	123.3	125.0		

SEE CHART ON SHEET 3 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 7 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH ANCHORED JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control  
**APR 20 2026**



**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-06RC

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

no.	date	description
I	05.01.17	REV. PER RER COMMENTS
J	04.24.18	REV. PER RER COMMENTS
K	05.29.18	REV. PER RER COMMENTS
L	03.08.21	UPDATED TO 2020 FBC
M	10.10.24	NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:  
 drawing no.  
**W06-06**  
 sheet 6.1 of 23

DESIGN LOAD CAPACITY - PSF (SILL ANCHORS)					
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'D'			
		1/4" MAX. SHIM SPACE			
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	96	134.0	170.0	170.0	170.0
39		123.7	170.0	170.0	170.0
42		114.9	170.0	170.0	170.0
44		109.6	164.5	170.0	170.0
44-1/4		109.3	164.0	170.0	170.0
48		100.5	150.8	156.3	156.3
48-9/16		99.3	149.0	154.5	154.5
54		89.3	134.0	138.9	138.9
60		80.4	120.6	125.0	125.0
36	102	126.1	170.0	170.0	170.0
39		116.4	170.0	170.0	170.0
42		108.1	162.2	170.0	170.0
44		103.2	154.8	170.0	170.0
44-1/4		102.9	154.3	170.0	170.0
48		94.6	141.9	156.3	156.3
48-9/16		93.5	140.2	154.5	154.5
54		84.1	126.1	134.9	134.9
60		75.7	113.5	125.0	125.0
36	108	119.1	170.0	170.0	170.0
39		109.9	164.9	170.0	170.0
42		102.1	153.1	170.0	170.0
44		97.5	146.2	170.0	170.0
44-1/4		97.2	145.8	170.0	170.0
48		89.3	134.0	156.3	156.3
48-9/16		88.3	132.4	154.5	154.5
54		79.4	119.1	125.9	125.9
60		71.5	107.2	125.0	125.0
36	114	112.8	169.3	170.0	170.0
39		104.2	156.2	170.0	170.0
42		96.7	145.1	170.0	170.0
44		92.3	138.5	170.0	170.0
44-1/4		92.1	138.1	170.0	170.0
48		84.6	126.9	169.3	170.0
48-9/16		83.7	125.5	150.0	150.0
54		75.2	112.8	125.9	125.9
60		67.7	101.6	125.0	125.0
36	117-3/4	109.2	163.9	170.0	170.0
39		100.8	151.3	170.0	170.0
42		93.6	140.5	170.0	170.0
44		89.4	134.1	170.0	170.0
44-1/4		89.1	133.7	170.0	170.0
48		81.9	122.9	163.9	170.0
48-9/16		81.0	121.5	150.0	150.0
54		72.8	109.2	125.0	125.0

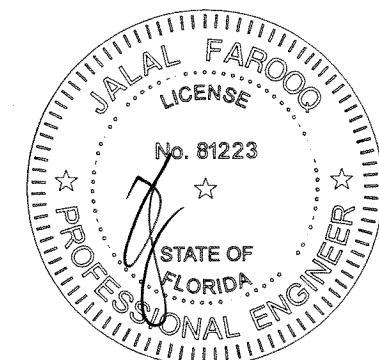
DESIGN LOAD CAPACITY - PSF (SILL ANCHORS)						
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'D'				
		1/4" MAX. SHIM SPACE				
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
36	120-5/8	106.6	160.0	170.0	170.0	
39		98.4	147.7	170.0	170.0	
42		91.4	137.1	170.0	170.0	
44		87.3	130.9	170.0	170.0	
44-1/4		87.0	130.5	170.0	170.0	
48		80.0	120.0	160.0	170.0	
48-9/16		79.1	118.6	140.0	140.0	
54		71.1	106.6	125.0	125.0	
36		126	102.1	153.1	170.0	170.0
39	94.2		141.4	170.0	170.0	
42	87.5		131.3	140.0	140.0	
44	83.5		125.3	140.0	140.0	
44-1/4	83.3		124.9	140.0	140.0	
48	76.6		114.9	140.0	140.0	
48-9/16	75.7		113.5	140.0	140.0	
54	68.1		102.1	125.0	125.0	
36	127		101.3	151.9	170.0	170.0
39		93.5	140.2	170.0	170.0	
42		86.8	130.2	140.0	140.0	
44		82.9	124.3	140.0	140.0	
44-1/4		82.6	124.0	140.0	140.0	
48		76.0	114.0	140.0	140.0	
48-9/16		75.1	112.6	140.0	140.0	
54		67.5	101.3	111.1	111.1	
36		132	97.5	146.2	170.0	170.0
39	90.0		134.9	170.0	170.0	
42	83.5		125.0	125.0	125.0	
44	79.7		119.6	125.0	125.0	
44-1/4	79.5		119.3	125.0	125.0	
48-9/16	73.1		109.6	125.0	125.0	
36	138		93.2	125.0	125.0	125.0
39			86.0	125.0	125.0	125.0
42			79.9	119.9	125.0	125.0
44		76.3	114.4	125.0	125.0	
44-1/4		76.1	114.1	125.0	125.0	
48-9/16		69.9	104.9	125.0	125.0	
36		144	89.3	125.0	125.0	125.0
39			82.5	123.7	125.0	125.0
42			76.6	114.9	125.0	125.0
44	73.1		109.6	125.0	125.0	
44-1/4	72.9		109.3	125.0	125.0	
48	67.0		100.5	125.0	125.0	

SEE CHART ON SHEET 3 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHARTS ON SHEETS 4 THRU 6 FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART AT LEFT FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH ANCHORED JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Torres*  
 Miami-Dade Product Control



APR 20 2026

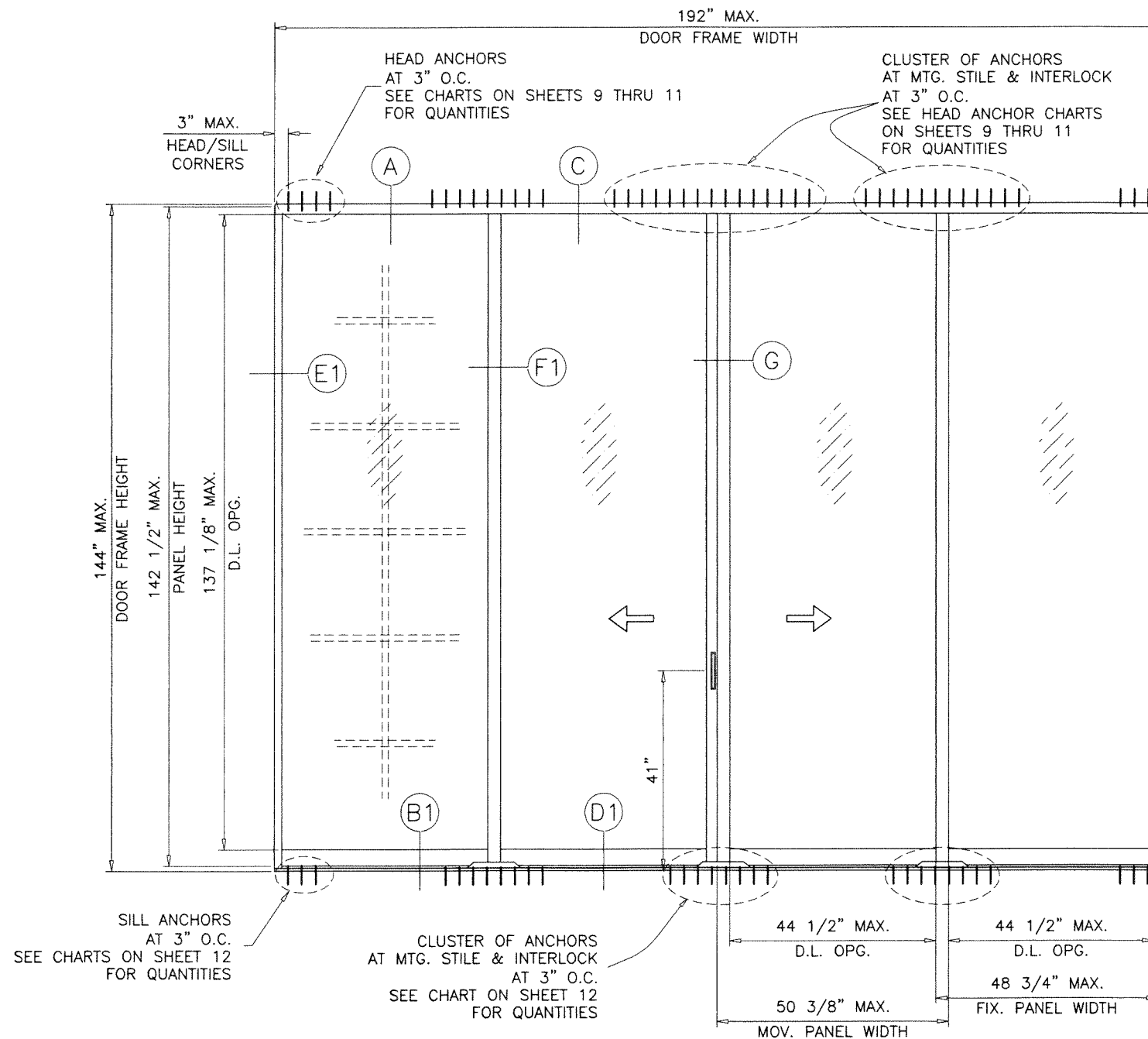
**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-06RC

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description
I	05.01.17	REV. PER PER COMMENTS
J	04.24.18	REV. PER PER COMMENTS
K	05.29.18	REV. PER PER COMMENTS
L	03.08.21	UPDATED TO 2020 FBC
M	10.10.24	NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no.  
**W06-06**  
 sheet 7 of 23



**TYPICAL ELEVATION (FREE STANDING JAMBS)**

TESTED UNIT (OXXO)  
4 PANELS OR LESS

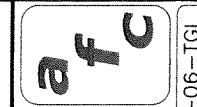
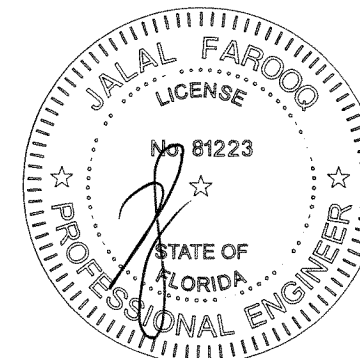
SEE CHART AT SHEET 8.1 FOR DOOR CAPACITY  
SEE SHEETS 9 THRU 12 FOR HEAD/SILL ANCHOR CAPACITY  
LOWER VALUE FROM CHARTS WILL APPLY  
SEE SHEET 19 FOR MIN./MAX. JAMB GAPS

**DAYLITE OPENINGS:**

DLO WIDTH (FIX. PANEL) = PANEL WIDTH - 5.625  
DLO WIDTH (OPER. PANEL) = PANEL WIDTH - 5.375  
DLO HEIGHT = FRAME HEIGHT - 5.625 (STD. BOTTOM RAIL)  
DLO HEIGHT = FRAME HEIGHT - 6.875 (HI-RISE BOTTOM RAIL)  
NOM. PANEL HEIGHT = FRAME HEIGHT - 1.500

**SGD WITH FREE STANDING JAMBS**

**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **24-1202.02**  
Expiration Date: **01/01/2028**  
By: *Manuel Torres*  
Miami-Dade Product Control  
**APR 20 2026**



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
(C.A.N. 3538)  
COMP-ANL\W06-06-TGL

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
3550 N.W. 49 STREET  
MIAMI, FL. 33142  
TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description	by
I	05.01.17	REV. PER RER COMMENTS	
J	04.24.18	REV. PER RER COMMENTS	
K	05.29.18	NO CHANGE THIS SHEET	
L	03.08.21	UPDATED TO 2020 FBC	
M	10.10.24	NO CHANGE THIS SHEET	

date: 01-31-06  
scale: 3/8"=1'-0"  
dr. by: TARIQ  
chk. by:

drawing no.  
**W06-06**

sheet **8** of **23**

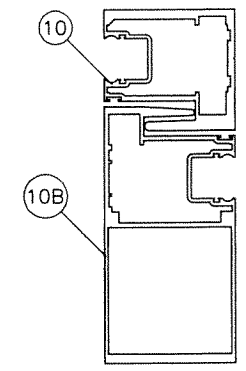
DESIGN LOAD CAPACITY - PSF (GLASS) DOORS WITH FREE STANDING JAMBS								
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	STD. EXTERIOR INTERLOCK						
		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS 'C' & 'D'		
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	
30	96	120.0	125.0	125.0	125.0	125.0	125.0	
36		120.0	125.0	125.0	125.0	125.0	125.0	
39		120.0	125.0	125.0	125.0	125.0	125.0	
42		120.0	125.0	125.0	125.0	125.0	125.0	
44		120.0	125.0	125.0	125.0	125.0	125.0	
44-1/4		120.0	125.0	125.0	125.0	125.0	125.0	
48		120.0	125.0	120.4	125.0	125.0	125.0	
48-9/16		120.0	125.0	119.0	125.0	123.6	123.6	
54		116.9	125.0	-	-	111.1	111.1	
60		97.1	113.3	-	-	100.0	100.0	
30	102	120.0	125.0	125.0	125.0	125.0	125.0	
36		120.0	125.0	125.0	125.0	125.0	125.0	
39		120.0	125.0	125.0	125.0	125.0	125.0	
42		120.0	125.0	125.0	125.0	125.0	125.0	
44		120.0	125.0	125.0	125.0	125.0	125.0	
44-1/4		120.0	125.0	125.0	125.0	125.0	125.0	
48		120.0	125.0	120.4	125.0	125.0	125.0	
48-9/16		120.0	125.0	119.0	125.0	123.6	123.6	
54		116.9	125.0	-	-	111.1	111.1	
60		97.1	113.3	-	-	100.0	100.0	
30	108	120.0	125.0	125.0	125.0	125.0	125.0	
36		120.0	125.0	125.0	125.0	125.0	125.0	
39		120.0	125.0	125.0	125.0	125.0	125.0	
42		120.0	125.0	125.0	125.0	125.0	125.0	
44		120.0	125.0	125.0	125.0	125.0	125.0	
44-1/4		120.0	125.0	125.0	125.0	125.0	125.0	
48		120.0	125.0	-	-	125.0	125.0	
48-9/16		120.0	125.0	-	-	123.6	123.6	
54		107.9	125.0	-	-	111.1	111.1	
60		-	-	-	-	100.0	100.0	
30	114	120.0	125.0	125.0	125.0	125.0	125.0	
36		120.0	125.0	125.0	125.0	125.0	125.0	
39		120.0	125.0	125.0	125.0	125.0	125.0	
42		120.0	125.0	125.0	125.0	125.0	125.0	
44		120.0	125.0	125.0	125.0	125.0	125.0	
44-1/4		120.0	125.0	125.0	125.0	125.0	125.0	
48-9/16		120.0	125.0	-	-	123.6	123.6	
54		107.9	125.0	-	-	111.1	111.1	
60		-	-	-	-	100.0	100.0	
30		117-3/4	120.0	125.0	125.0	125.0	125.0	125.0
36	120.0		125.0	125.0	125.0	125.0	125.0	
39	120.0		125.0	125.0	125.0	125.0	125.0	
42	120.0		125.0	125.0	125.0	125.0	125.0	
44	120.0		125.0	-	-	125.0	125.0	
44-1/4	120.0		125.0	-	-	125.0	125.0	
48-9/16	120.0		125.0	-	-	123.6	123.6	
54	-		-	-	-	111.1	111.1	
30	120-5/8		120.0	125.0	125.0	125.0	125.0	125.0
36			120.0	125.0	125.0	125.0	125.0	125.0
39		120.0	125.0	125.0	125.0	125.0	125.0	
42		120.0	125.0	125.0	125.0	125.0	125.0	
44		120.0	125.0	-	-	125.0	125.0	
44-1/4		120.0	125.0	-	-	125.0	125.0	
48-9/16	120.0	125.0	-	-	123.6	123.6		
54	-	-	-	-	111.1	111.1		

DESIGN LOAD CAPACITY - PSF (GLASS) DOORS WITH FREE STANDING JAMBS								
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	STD. EXTERIOR INTERLOCK						
		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS 'C' & 'D'		
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	
30	126	120.0	125.0	125.0	125.0	125.0	125.0	
36		120.0	125.0	125.0	125.0	125.0	125.0	
39		120.0	125.0	125.0	125.0	125.0	125.0	
44		120.0	125.0	-	-	125.0	125.0	
44-1/4		120.0	125.0	-	-	125.0	125.0	
48-9/16		120.0	125.0	-	-	123.6	123.6	
54		-	-	-	-	111.1	111.1	
30		127	120.0	125.0	125.0	125.0	125.0	125.0
36			120.0	125.0	125.0	125.0	125.0	125.0
39			120.0	125.0	125.0	125.0	125.0	125.0
44	120.0		125.0	-	-	125.0	125.0	
44-1/4	120.0		125.0	-	-	125.0	125.0	
48-9/16	120.0		125.0	-	-	123.6	123.6	
54	-		-	-	-	111.1	111.1	
30	132		-	-	125.0	125.0	125.0	125.0
36			-	-	125.0	125.0	125.0	125.0
39			-	-	125.0	125.0	125.0	125.0
44		-	-	-	-	125.0	125.0	
44-1/4		-	-	-	-	125.0	125.0	
48		-	-	-	-	123.6	123.6	
30		138	-	-	-	-	125.0	125.0
36			-	-	-	-	125.0	125.0
39			-	-	-	-	125.0	125.0
44			-	-	-	-	125.0	125.0
44-1/4	-		-	-	-	125.0	125.0	
48	-		-	-	-	123.6	123.6	
30	144		-	-	-	-	125.0	125.0
36			-	-	-	-	125.0	125.0
39			-	-	-	-	125.0	125.0
44			-	-	-	-	123.0	123.0
44-1/4		-	-	-	-	123.0	123.0	
48		-	-	-	-	112.8	112.8	
30		144	-	-	-	-	125.0	125.0
36			-	-	-	-	125.0	125.0
39			-	-	-	-	125.0	125.0
44			-	-	-	-	125.0	125.0
44-1/4	-		-	-	-	125.0	125.0	
48	-		-	-	-	119.1	119.1	

JAMBS WITHOUT  
STIFFENER

JAMBS WITH  
STIFFENER

SEE DETAILS  
ON  
SHEET 19

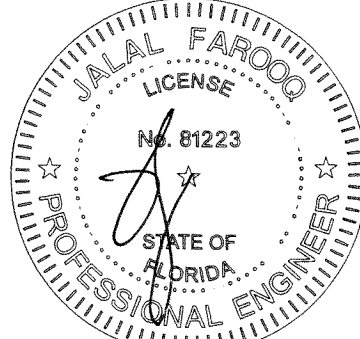


STD. EXT. INTERLOCK

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

SGD WITH FREE STANDING JAMBS

**PRODUCT REVISED**  
As complying with the Florida  
Building Code  
NOA-No. **24-1202.02**  
Expiration Date: **01/01/2028**  
By: *Manuel Perez*  
Miami-Dade Product Control  
**APR 20 2026**



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W06-06-TGL

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)

**TECNOGLASS, LLC**  
3550 N.W. 49 STREET  
MIAMI, FL. 33142  
TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description	by
J	04.24.18	REV. PER RER COMMENTS	
K	05.29.18	NO CHANGE THIS SHEET	
L	03.08.21	UPDATED TO 2020 FBC	
M	10.10.24	NO CHANGE THIS SHEET	

date: 01-31-06  
scale: 3/8"=1'-0"  
dr. by: TARIQ  
chk. by:

drawing no. **W06-06**  
sheet **8.1** of **23**

DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)															
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'A'													
		1/4" MAX. SHIM SPACE				3/8" MAX. SHIM SPACE					1/2" MAX. SHIM SPACE				
		2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	6 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	6 ANCHORS AT FREE STAND. JAMB
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS
EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
30	96	125.0	125.0	125.0	125.0	104.4	125.0	125.0	125.0	125.0	82.2	123.4	125.0	125.0	125.0
36		118.3	125.0	125.0	125.0	87.0	125.0	125.0	125.0	125.0	68.5	102.8	125.0	125.0	125.0
39		109.2	125.0	125.0	125.0	80.3	120.5	125.0	125.0	125.0	63.2	94.9	125.0	125.0	125.0
42		101.4	125.0	125.0	125.0	74.6	111.9	125.0	125.0	125.0	58.7	88.1	117.5	125.0	125.0
44		96.8	125.0	125.0	125.0	71.2	106.8	125.0	125.0	125.0	56.0	84.1	112.2	125.0	125.0
44-1/4		96.5	125.0	125.0	125.0	71.0	106.5	125.0	125.0	125.0	55.9	83.9	111.8	125.0	125.0
48		88.8	125.0	125.0	125.0	65.3	97.9	125.0	125.0	125.0	51.4	77.1	102.8	125.0	125.0
48-9/16		87.7	125.0	125.0	125.0	64.5	96.8	125.0	125.0	125.0	50.8	76.2	101.6	125.0	125.0
54		78.9	118.3	125.0	125.0	58.0	87.1	116.1	125.0	125.0	45.7	68.6	91.4	114.2	125.0
60		71.0	100.0	100.0	100.0	52.2	78.4	100.0	100.0	100.0	41.1	61.7	82.3	100.0	100.0
30	102	125.0	125.0	125.0	125.0	98.3	125.0	125.0	125.0	125.0	77.4	116.1	125.0	125.0	125.0
36		111.4	125.0	125.0	125.0	81.9	122.9	125.0	125.0	125.0	64.5	96.8	125.0	125.0	125.0
39		102.8	125.0	125.0	125.0	75.6	113.4	125.0	125.0	125.0	59.5	89.3	119.1	125.0	125.0
42		95.5	125.0	125.0	125.0	70.2	105.3	125.0	125.0	125.0	55.3	83.0	110.6	125.0	125.0
44		91.1	125.0	125.0	125.0	67.0	100.6	125.0	125.0	125.0	52.7	79.2	105.6	125.0	125.0
44-1/4		90.9	125.0	125.0	125.0	66.8	100.3	125.0	125.0	125.0	52.6	79.0	105.3	125.0	125.0
48		83.5	125.0	125.0	125.0	61.4	92.2	122.9	125.0	125.0	48.4	72.6	96.8	120.9	125.0
48-9/16		82.6	123.8	125.0	125.0	60.7	91.1	121.5	125.0	125.0	47.8	71.7	95.6	119.5	125.0
54		74.2	111.4	125.0	125.0	54.6	81.9	109.2	125.0	125.0	43.0	64.5	86.0	107.5	125.0
60		66.8	100.0	100.0	100.0	49.1	73.7	98.3	100.0	100.0	38.7	58.1	77.4	96.8	100.0
30	108	125.0	125.0	125.0	125.0	92.8	125.0	125.0	125.0	125.0	73.1	109.7	125.0	125.0	125.0
36		105.2	125.0	125.0	125.0	77.3	116.1	125.0	125.0	125.0	60.9	91.4	121.9	125.0	125.0
39		97.1	125.0	125.0	125.0	71.4	107.1	125.0	125.0	125.0	56.2	84.4	112.5	125.0	125.0
42		90.2	125.0	125.0	125.0	66.3	99.5	125.0	125.0	125.0	52.2	78.3	104.4	125.0	125.0
44		86.1	125.0	125.0	125.0	63.3	95.0	125.0	125.0	125.0	49.8	74.8	99.7	124.6	125.0
44-1/4		85.8	125.0	125.0	125.0	63.1	94.7	125.0	125.0	125.0	49.7	74.6	99.4	124.3	125.0
48		78.9	118.3	125.0	125.0	58.0	87.1	116.1	125.0	125.0	45.7	68.6	91.4	114.2	125.0
48-9/16		78.0	117.0	125.0	125.0	57.3	86.0	114.7	125.0	125.0	45.1	67.8	90.3	112.9	125.0
54		70.1	105.2	125.0	125.0	51.6	77.4	103.2	125.0	125.0	40.6	60.9	81.2	101.5	121.8
60		63.1	94.7	100.0	100.0	46.4	69.6	92.8	100.0	100.0	36.5	54.8	73.1	91.4	100.0
30	114	119.6	125.0	125.0	125.0	87.9	125.0	125.0	125.0	125.0	69.2	103.9	125.0	125.0	125.0
36		99.6	125.0	125.0	125.0	73.3	110.0	125.0	125.0	125.0	57.7	86.6	115.4	125.0	125.0
39		92.0	125.0	125.0	125.0	67.6	101.5	125.0	125.0	125.0	53.2	79.9	106.6	125.0	125.0
42		85.4	125.0	125.0	125.0	62.8	94.3	125.0	125.0	125.0	49.4	74.2	98.9	123.7	125.0
44		81.5	122.3	125.0	125.0	59.9	90.0	119.9	125.0	125.0	47.2	70.9	94.4	118.0	125.0
44-1/4		81.3	122.0	125.0	125.0	59.8	89.7	119.6	125.0	125.0	47.1	70.7	94.2	117.7	125.0
48		74.7	112.1	125.0	125.0	54.9	82.5	109.9	125.0	125.0	43.3	64.9	86.6	108.2	125.0
48-9/16		73.9	110.8	125.0	125.0	54.3	81.5	108.7	125.0	125.0	42.8	64.2	85.6	107.0	125.0
54		66.4	99.6	125.0	125.0	48.8	73.3	97.7	122.2	125.0	38.5	57.7	77.0	96.2	115.4
60		59.8	89.7	100.0	100.0	44.0	66.0	88.0	100.0	100.0	34.6	52.0	69.3	86.6	100.0
30	117-3/4	115.8	125.0	125.0	125.0	85.1	125.0	125.0	125.0	125.0	67.0	100.6	125.0	125.0	125.0
36		96.5	125.0	125.0	125.0	70.9	106.5	125.0	125.0	125.0	55.8	83.8	111.8	125.0	125.0
39		89.1	125.0	125.0	125.0	65.5	98.3	125.0	125.0	125.0	51.6	77.4	103.2	125.0	125.0
42		82.7	124.0	125.0	125.0	60.8	91.3	121.7	125.0	125.0	47.9	71.9	95.8	119.7	125.0
44		78.9	118.4	125.0	125.0	58.0	87.1	116.1	125.0	125.0	45.7	68.6	91.4	114.3	125.0
44-1/4		78.7	118.1	125.0	125.0	57.9	86.9	115.8	125.0	125.0	45.6	68.4	91.2	114.0	125.0
48		72.4	108.5	125.0	125.0	53.2	79.8	106.4	125.0	125.0	41.9	62.9	83.8	104.8	125.0
48-9/16		71.5	107.3	125.0	125.0	52.6	78.9	105.2	125.0	125.0	41.4	62.2	82.9	103.6	124.3
54		64.3	96.5	111.1	111.1	47.3	71.0	94.6	111.1	111.1	37.2	55.9	74.5	93.1	111.1

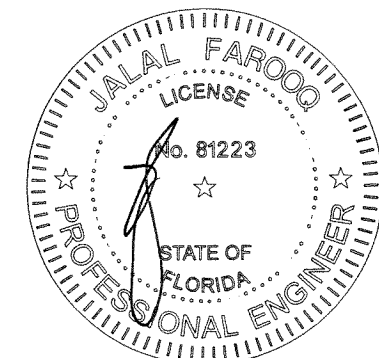
CHART CONTINUES ON NEXT SHEET

SEE CHART ON SHEET 8.1 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 12 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH FREE STANDING JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control



APR 20 2026

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-06RC

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	no	date	description
	I	05.01.17	REV. PER PER COMMENTS
	J	04.24.18	REV. PER PER COMMENTS
	K	05.29.18	NO CHANGE THIS SHEET
	L	03.08.21	UPDATED TO 2020 FBC
	M	10.10.24	NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no. **W06-06**  
 sheet **9** of **23**

DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)

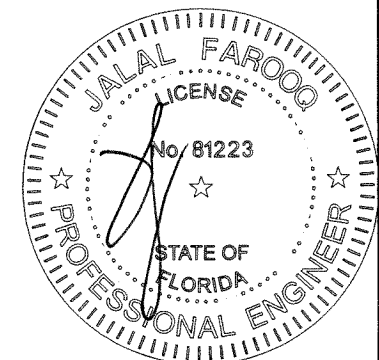
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'A'														
		1/4" MAX. SHIM SPACE					3/8" MAX. SHIM SPACE					1/2" MAX. SHIM SPACE				
		2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	6 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	6 ANCHORS AT FREE STAND. JAMB	
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	
EXT. (+) INT. (-)		EXT. (+) INT. (-)		EXT. (+) INT. (-)		EXT. (+) INT. (-)		EXT. (+) INT. (-)		EXT. (+) INT. (-)		EXT. (+) INT. (-)		EXT. (+) INT. (-)		
30	120-5/8	113.0	125.0	125.0	125.0	83.1	124.7	125.0	125.0	125.0	65.4	98.2	125.0	125.0	125.0	
36		94.2	125.0	125.0	125.0	69.2	103.9	125.0	125.0	125.0	54.5	81.8	109.1	125.0	125.0	
39		86.9	125.0	125.0	125.0	63.9	95.9	125.0	125.0	125.0	50.3	75.5	100.7	125.0	125.0	
42		80.7	121.1	125.0	125.0	59.3	89.1	118.8	125.0	125.0	46.7	70.1	93.5	116.9	125.0	
44		77.1	115.6	125.0	125.0	56.7	85.0	113.4	125.0	125.0	44.6	67.0	89.3	111.6	125.0	
44-1/4		76.8	115.3	125.0	125.0	56.5	84.8	113.0	125.0	125.0	44.5	66.8	89.0	111.2	125.0	
48		70.6	105.9	125.0	125.0	51.9	77.9	103.9	125.0	125.0	40.9	61.4	81.8	102.3	122.7	
48-9/16		69.8	104.7	125.0	125.0	51.3	77.0	102.7	125.0	125.0	40.4	60.7	80.9	101.1	121.3	
54	62.8	94.2	111.1	111.1	46.2	69.3	92.4	111.1	111.1	36.3	54.6	72.7	90.9	109.1		
30	126	108.2	125.0	125.0	125.0	79.5	119.4	125.0	125.0	125.0	62.6	94.0	125.0	125.0	125.0	
36		90.2	125.0	125.0	125.0	66.3	99.5	125.0	125.0	125.0	52.2	78.3	104.4	125.0	125.0	
39		83.2	124.8	125.0	125.0	61.2	91.8	122.4	125.0	125.0	48.2	72.3	96.4	120.5	125.0	
42		77.3	115.9	125.0	125.0	56.8	85.3	113.7	125.0	125.0	44.7	67.2	89.5	111.9	125.0	
44		73.8	110.6	125.0	125.0	54.2	81.4	108.5	125.0	125.0	42.7	64.1	85.5	106.8	125.0	
44-1/4		73.6	110.3	125.0	125.0	54.1	81.2	108.2	125.0	125.0	42.6	63.9	85.2	106.5	125.0	
48		67.6	101.4	125.0	125.0	49.7	74.6	99.5	124.3	125.0	39.1	58.8	78.3	97.9	117.5	
48-9/16		66.8	100.3	125.0	125.0	49.1	73.8	98.3	122.9	125.0	38.7	58.1	77.4	96.8	116.1	
54	60.1	90.2	111.1	111.1	44.2	66.3	88.4	110.5	111.1	34.8	52.2	69.6	87.0	104.4		
30	127	107.3	125.0	125.0	125.0	78.9	118.5	125.0	125.0	125.0	62.1	93.3	124.3	125.0	125.0	
36		89.4	125.0	125.0	125.0	65.8	98.7	125.0	125.0	125.0	51.8	77.7	103.6	125.0	125.0	
39		82.6	123.9	125.0	125.0	60.7	91.1	121.5	125.0	125.0	47.8	71.8	95.7	119.5	125.0	
42		76.7	115.0	125.0	125.0	56.4	84.6	112.8	125.0	125.0	44.4	66.6	88.8	111.0	125.0	
44		73.2	109.8	125.0	125.0	53.8	80.8	107.7	125.0	125.0	42.4	63.6	84.8	106.0	125.0	
44-1/4		73.0	109.5	125.0	125.0	53.7	80.5	107.4	125.0	125.0	42.2	63.4	84.5	105.7	125.0	
48		67.1	100.6	125.0	125.0	49.3	74.0	98.7	123.4	125.0	38.8	58.3	77.7	97.1	116.6	
48-9/16		66.3	99.5	125.0	125.0	48.8	73.2	97.5	121.9	125.0	38.4	57.6	76.8	96.0	115.2	
54	59.6	89.4	111.1	111.1	43.8	65.8	87.7	109.6	111.1	34.5	51.8	69.1	86.3	103.6		
30	132	103.3	125.0	125.0	125.0	75.9	114.0	125.0	125.0	125.0	59.8	89.7	119.6	125.0	125.0	
36		86.1	125.0	125.0	125.0	63.3	95.0	125.0	125.0	125.0	49.8	74.8	99.7	124.6	125.0	
39		79.4	119.2	125.0	125.0	58.4	87.7	116.9	125.0	125.0	46.0	69.0	92.0	115.0	125.0	
42		73.8	110.6	125.0	125.0	54.2	81.4	108.5	125.0	125.0	42.7	64.1	85.5	106.8	125.0	
44		70.4	105.6	125.0	125.0	51.8	77.7	103.6	125.0	125.0	40.8	61.2	81.6	102.0	122.3	
44-1/4		70.2	105.3	125.0	125.0	51.6	77.5	103.3	125.0	125.0	40.6	61.0	81.3	101.7	122.0	
48		64.5	96.8	123.6	123.6	47.5	71.2	95.0	118.7	123.6	37.4	56.1	74.8	93.5	112.1	
30		138	98.8	125.0	125.0	125.0	72.6	109.0	125.0	125.0	125.0	57.2	85.8	114.4	125.0	125.0
36	82.3		123.5	125.0	125.0	60.5	90.8	121.1	125.0	125.0	47.7	71.5	95.4	119.2	125.0	
39	76.0		114.0	125.0	125.0	55.9	83.9	111.8	125.0	125.0	44.0	66.0	88.0	110.0	125.0	
42	70.6		105.8	125.0	125.0	51.9	77.9	103.8	125.0	125.0	40.8	61.3	81.7	102.2	122.6	
44	67.4		101.0	125.0	125.0	49.5	74.3	99.1	123.8	125.0	39.0	58.5	78.0	97.5	117.0	
44-1/4	67.2		100.7	125.0	125.0	49.4	74.1	98.8	123.5	125.0	38.9	58.4	77.8	97.2	116.7	
48	61.7		92.6	123.5	123.6	45.4	68.1	90.8	113.5	123.6	35.7	53.7	71.5	89.4	107.3	
30	144		94.7	125.0	125.0	125.0	69.6	104.5	125.0	125.0	125.0	54.8	82.3	109.7	125.0	125.0
36		78.9	118.3	125.0	125.0	58.0	87.1	116.1	125.0	125.0	45.7	68.6	91.4	114.2	125.0	
39		72.8	109.2	125.0	125.0	53.5	80.4	107.1	125.0	125.0	42.2	63.3	84.4	105.4	125.0	
42		67.6	101.4	125.0	125.0	49.7	74.6	99.5	124.3	125.0	39.1	58.8	78.3	97.9	117.5	
44		64.5	96.8	125.0	125.0	47.5	71.2	95.0	118.7	125.0	37.4	56.1	74.8	93.5	112.1	
44-1/4		64.4	96.5	125.0	125.0	47.3	71.0	94.7	118.3	125.0	37.3	55.9	74.6	93.2	111.8	
48		59.2	88.8	118.3	119.1	43.5	65.3	87.0	108.8	119.1	34.3	51.4	68.5	85.7	102.8	

SEE CHART ON SHEET 8.1 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 12 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH FREE STANDING JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control



APR 20 2026

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-06RC

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)

**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description
I	05.01.17	REV. PER PER COMMENTS
J	04.24.18	REV. PER PER COMMENTS
K	05.29.18	NO CHANGE THIS SHEET
L	03.08.21	UPDATED TO 2020 FBC
M	10.10.24	NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no.  
**W06-06**  
 sheet 9.1 of 23

DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)

PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'B'													
		1/4" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE						1/2" MAX. SHIM SPACE				
		2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	6 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	6 ANCHORS AT FREE STAND. JAMB	
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	
EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)		
30	96	125.0	125.0	125.0	104.4	125.0	125.0	125.0	125.0	82.2	123.4	125.0	125.0	125.0	
36		125.0	125.0	125.0	87.0	125.0	125.0	125.0	125.0	68.5	102.8	125.0	125.0	125.0	
39		123.7	125.0	125.0	80.3	120.5	125.0	125.0	125.0	63.2	94.9	125.0	125.0	125.0	
42		114.9	125.0	125.0	74.6	111.9	125.0	125.0	125.0	58.7	88.1	117.5	125.0	125.0	
44		109.6	125.0	125.0	71.2	106.8	125.0	125.0	125.0	56.0	84.1	112.2	125.0	125.0	
44-1/4		109.3	125.0	125.0	71.0	106.5	125.0	125.0	125.0	55.9	83.9	111.8	125.0	125.0	
48		100.5	125.0	125.0	65.3	97.9	125.0	125.0	125.0	51.4	77.1	102.8	125.0	125.0	
48-9/16		99.3	125.0	125.0	64.5	96.8	125.0	125.0	125.0	50.8	76.2	101.6	125.0	125.0	
54		89.3	125.0	125.0	58.0	87.1	116.1	125.0	125.0	45.7	68.6	91.4	114.2	125.0	
60		80.4	100.0	100.0	52.2	78.4	104.5	100.0	100.0	41.1	61.7	82.3	100.0	100.0	
30	102	125.0	125.0	125.0	98.3	125.0	125.0	125.0	77.4	116.1	125.0	125.0	125.0		
36		125.0	125.0	125.0	81.9	122.9	125.0	125.0	125.0	64.5	96.8	125.0	125.0	125.0	
39		116.4	125.0	125.0	75.6	113.4	125.0	125.0	125.0	59.5	89.3	119.1	125.0	125.0	
42		108.1	125.0	125.0	70.2	105.3	125.0	125.0	125.0	55.3	83.0	110.6	125.0	125.0	
44		103.2	125.0	125.0	67.0	100.6	125.0	125.0	125.0	52.7	79.2	105.6	125.0	125.0	
44-1/4		102.9	125.0	125.0	66.8	100.3	125.0	125.0	125.0	52.6	79.0	105.3	125.0	125.0	
48		94.6	125.0	125.0	61.4	92.2	122.9	125.0	125.0	48.4	72.6	96.8	120.9	125.0	
48-9/16		93.5	125.0	125.0	60.7	91.1	121.5	125.0	125.0	47.8	71.7	95.6	119.5	125.0	
54		84.1	125.0	125.0	54.6	81.9	109.2	125.0	125.0	43.0	64.5	86.0	107.5	125.0	
60		75.7	100.0	100.0	49.1	73.7	98.3	100.0	100.0	38.7	58.1	77.4	96.8	100.0	
30	108	125.0	125.0	125.0	92.8	125.0	125.0	125.0	73.1	109.7	125.0	125.0	125.0		
36		119.1	125.0	125.0	77.3	116.1	125.0	125.0	125.0	60.9	91.4	121.9	125.0	125.0	
39		109.9	125.0	125.0	71.4	107.1	125.0	125.0	125.0	56.2	84.4	112.5	125.0	125.0	
42		102.1	125.0	125.0	66.3	99.5	125.0	125.0	125.0	52.2	78.3	104.4	125.0	125.0	
44		97.5	125.0	125.0	63.3	95.0	125.0	125.0	125.0	49.8	74.8	99.7	124.6	125.0	
44-1/4		97.2	125.0	125.0	63.1	94.7	125.0	125.0	125.0	49.7	74.6	99.4	124.3	125.0	
48		89.3	125.0	125.0	58.0	87.1	116.1	125.0	125.0	45.7	68.6	91.4	114.2	125.0	
48-9/16		88.3	125.0	125.0	57.3	86.0	114.7	125.0	125.0	45.1	67.8	90.3	112.9	125.0	
54		79.4	119.1	125.0	51.6	77.4	103.2	125.0	125.0	40.6	60.9	81.2	101.5	121.8	
60		71.5	100.0	100.0	46.4	69.6	92.8	100.0	100.0	36.5	54.8	73.1	91.4	100.0	
30	114	125.0	125.0	125.0	87.9	125.0	125.0	125.0	69.2	103.9	125.0	125.0	125.0		
36		112.8	125.0	125.0	73.3	110.0	125.0	125.0	125.0	57.7	86.6	115.4	125.0	125.0	
39		104.2	125.0	125.0	67.6	101.5	125.0	125.0	125.0	53.2	79.9	106.6	125.0	125.0	
42		96.7	125.0	125.0	62.8	94.3	125.0	125.0	125.0	49.4	74.2	98.9	123.7	125.0	
44		92.3	125.0	125.0	59.9	90.0	119.9	125.0	125.0	47.2	70.9	94.4	118.0	125.0	
44-1/4		92.1	125.0	125.0	59.8	89.7	119.6	125.0	125.0	47.1	70.7	94.2	117.7	125.0	
48		84.6	125.0	125.0	54.9	82.5	109.9	125.0	125.0	43.3	64.9	86.6	108.2	125.0	
48-9/16		83.7	125.0	125.0	54.3	81.5	108.7	125.0	125.0	42.8	64.2	85.6	107.0	125.0	
54		75.2	112.8	125.0	48.8	73.3	97.7	122.2	125.0	38.5	57.7	77.0	96.2	115.4	
60		67.7	100.0	100.0	44.0	66.0	88.0	100.0	100.0	34.6	52.0	69.3	86.6	100.0	
30	117-3/4	125.0	125.0	125.0	85.1	125.0	125.0	125.0	67.0	100.6	125.0	125.0	125.0		
36		109.2	125.0	125.0	70.9	106.5	125.0	125.0	125.0	55.8	83.8	111.8	125.0	125.0	
39		100.8	125.0	125.0	65.5	98.3	125.0	125.0	125.0	51.6	77.4	103.2	125.0	125.0	
42		93.6	125.0	125.0	60.8	91.3	121.7	125.0	125.0	47.9	71.9	95.8	119.7	125.0	
44		89.4	125.0	125.0	58.0	87.1	116.1	125.0	125.0	45.7	68.6	91.4	114.3	125.0	
44-1/4		89.1	125.0	125.0	57.9	86.9	115.8	125.0	125.0	45.6	68.4	91.2	114.0	125.0	
48		81.9	122.9	125.0	53.2	79.8	106.4	125.0	125.0	41.9	62.9	83.8	104.8	125.0	
48-9/16		81.0	121.5	125.0	52.6	78.9	105.2	125.0	125.0	41.4	62.2	82.9	103.6	124.3	
54		72.8	109.2	111.1	47.3	71.0	94.6	111.1	111.1	37.2	55.9	74.5	93.1	111.1	

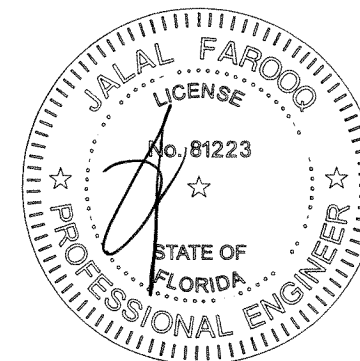
CHART CONTINUES ON NEXT SHEET

SEE CHART ON SHEET 8.1 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 12 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH FREE STANDING JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control  
 APR 20 2026



**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 (C.A.N. 3538)

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description
I	05.01.17	REV. PER RER COMMENTS
J	04.24.18	REV. PER RER COMMENTS
K	05.29.18	NO CHANGE THIS SHEET
L	03.08.21	UPDATED TO 2020 FBC
M	10.10.24	NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:  
 drawing no. **W06-06**  
 sheet 10 of 23

COMP-ANL\W06-06RC

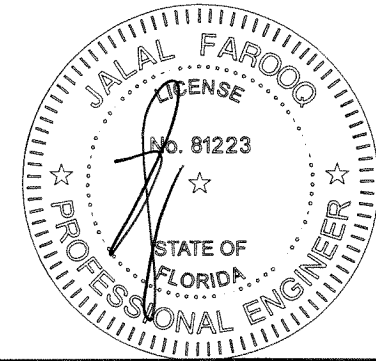
DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)																
PANEL WIDTH NOMINAL INCHES		DOOR FRAME HEIGHT INCHES		ANCHORS TYPE 'B'												
				1/4" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE			1/2" MAX. SHIM SPACE						
				2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	6 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	6 ANCHORS AT FREE STAND. JAMB
				4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)		
30	120-5/8	125.0	125.0	125.0	83.1	124.7	125.0	125.0	125.0	65.4	98.2	125.0	125.0	125.0		
36		106.6	125.0	125.0	69.2	103.9	125.0	125.0	125.0	54.5	81.8	109.1	125.0	125.0		
39		98.4	125.0	125.0	63.9	95.9	125.0	125.0	125.0	50.3	75.5	100.7	125.0	125.0		
42		91.4	125.0	125.0	59.3	89.1	118.8	125.0	125.0	46.7	70.1	93.5	116.9	125.0		
44		87.3	125.0	125.0	56.7	85.0	113.4	125.0	125.0	44.6	67.0	89.3	111.6	125.0		
44-1/4		87.0	125.0	125.0	56.5	84.8	113.0	125.0	125.0	44.5	66.8	89.0	111.2	125.0		
48		80.0	120.0	125.0	51.9	77.9	103.9	125.0	125.0	40.9	61.4	81.8	102.3	122.7		
48-9/16		79.1	118.6	125.0	51.3	77.0	102.7	125.0	125.0	40.4	60.7	80.9	101.1	121.3		
54	71.1	106.6	111.1	46.2	69.3	92.4	111.1	111.1	36.3	54.6	72.7	90.9	109.1			
30	126	122.5	125.0	125.0	79.5	119.4	125.0	125.0	125.0	62.6	94.0	125.0	125.0	125.0		
36		102.1	125.0	125.0	66.3	99.5	125.0	125.0	125.0	52.2	78.3	104.4	125.0	125.0		
39		94.2	125.0	125.0	61.2	91.8	122.4	125.0	125.0	48.2	72.3	96.4	120.5	125.0		
42		87.5	125.0	125.0	56.8	85.3	113.7	125.0	125.0	44.7	67.2	89.5	111.9	125.0		
44		83.5	125.0	125.0	54.2	81.4	108.5	125.0	125.0	42.7	64.1	85.5	106.8	125.0		
44-1/4		83.3	124.9	125.0	54.1	81.2	108.2	125.0	125.0	42.6	63.9	85.2	106.5	125.0		
48		76.6	114.9	125.0	49.7	74.6	99.5	124.3	125.0	39.1	58.8	78.3	97.9	117.5		
48-9/16		75.7	113.5	125.0	49.1	73.8	98.3	122.9	125.0	38.7	58.1	77.4	96.8	116.1		
54	68.1	102.1	111.1	44.2	66.3	88.4	110.5	111.1	34.8	52.2	69.6	87.0	104.4			
30	127	121.5	125.0	125.0	78.9	118.5	125.0	125.0	125.0	62.1	93.3	124.3	125.0	125.0		
36		101.3	125.0	125.0	65.8	98.7	125.0	125.0	125.0	51.8	77.7	103.6	125.0	125.0		
39		93.5	125.0	125.0	60.7	91.1	121.5	125.0	125.0	47.8	71.8	95.7	119.5	125.0		
42		86.8	125.0	125.0	56.4	84.6	112.8	125.0	125.0	44.4	66.6	88.8	111.0	125.0		
44		82.9	124.3	125.0	53.8	80.8	107.7	125.0	125.0	42.4	63.6	84.8	106.0	125.0		
44-1/4		82.6	124.0	125.0	53.7	80.5	107.4	125.0	125.0	42.2	63.4	84.5	105.7	125.0		
48		76.0	114.0	125.0	49.3	74.0	98.7	123.4	125.0	38.8	58.3	77.7	97.1	116.6		
48-9/16		75.1	112.6	125.0	48.8	73.2	97.5	121.9	125.0	38.4	57.6	76.8	96.0	115.2		
54	67.5	101.3	111.1	43.8	65.8	87.7	109.6	111.1	34.5	51.8	69.1	86.3	103.6			
30	132	116.9	125.0	125.0	75.9	114.0	125.0	125.0	125.0	59.8	89.7	119.6	125.0	125.0		
36		97.5	125.0	125.0	63.3	95.0	125.0	125.0	125.0	49.8	74.8	99.7	124.6	125.0		
39		90.0	125.0	125.0	58.4	87.7	116.9	125.0	125.0	46.0	69.0	92.0	115.0	125.0		
42		83.5	125.0	125.0	54.2	81.4	108.5	125.0	125.0	42.7	64.1	85.5	106.8	125.0		
44		79.7	119.6	125.0	51.8	77.7	103.6	125.0	125.0	40.8	61.2	81.6	102.0	122.3		
44-1/4		79.5	119.3	125.0	51.6	77.5	103.3	125.0	125.0	40.6	61.0	81.3	101.7	122.0		
48		73.1	109.6	123.6	47.5	71.2	95.0	118.7	123.6	37.4	56.1	74.8	93.5	112.1		
54		67.5	101.3	111.1	43.8	65.8	87.7	109.6	111.1	34.5	51.8	69.1	86.3	103.6		
30	138	111.9	125.0	125.0	72.6	109.0	125.0	125.0	125.0	57.2	85.8	114.4	125.0	125.0		
36		93.2	125.0	125.0	60.5	90.8	121.1	125.0	125.0	47.7	71.5	95.4	119.2	125.0		
39		86.0	125.0	125.0	55.9	83.9	111.8	125.0	125.0	44.0	66.0	88.0	110.0	125.0		
42		79.9	119.9	125.0	51.9	77.9	103.8	125.0	125.0	40.8	61.3	81.7	102.2	122.6		
44		76.3	114.4	125.0	49.5	74.3	99.1	123.8	125.0	39.0	58.5	78.0	97.5	117.0		
44-1/4		76.1	114.1	125.0	49.4	74.1	98.8	123.5	125.0	38.9	58.4	77.8	97.2	116.7		
48		69.9	104.9	123.6	45.4	68.1	90.8	113.5	123.6	35.7	53.7	71.5	89.4	107.3		
54		67.5	101.3	111.1	43.8	65.8	87.7	109.6	111.1	34.5	51.8	69.1	86.3	103.6		
30	144	107.2	125.0	125.0	69.6	104.5	125.0	125.0	125.0	54.8	82.3	109.7	125.0	125.0		
36		89.3	125.0	125.0	58.0	87.1	116.1	125.0	125.0	45.7	68.6	91.4	114.2	125.0		
39		82.5	123.7	125.0	53.5	80.4	107.1	125.0	125.0	42.2	63.3	84.4	105.4	125.0		
42		76.6	114.9	125.0	49.7	74.6	99.5	124.3	125.0	39.1	58.8	78.3	97.9	117.5		
44		73.1	109.6	125.0	47.5	71.2	95.0	118.7	125.0	37.4	56.1	74.8	93.5	112.1		
44-1/4		72.9	109.3	125.0	47.3	71.0	94.7	118.3	125.0	37.3	55.9	74.6	93.2	111.8		
48		67.0	100.5	119.1	43.5	65.3	87.0	108.8	119.1	34.3	51.4	68.5	85.7	102.8		
54		67.5	101.3	111.1	43.8	65.8	87.7	109.6	111.1	34.5	51.8	69.1	86.3	103.6		

SEE CHART ON SHEET 8.1 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 12 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH FREE STANDING JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control



APR 20 2026

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-06RC

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	no	date	description	by
	I	05.01.17	REV. PER RER COMMENTS	
	J	04.24.18	REV. PER RER COMMENTS	
	K	05.29.18	NO CHANGE THIS SHEET	
	L	03.08.21	UPDATED TO 2020 FBC	
	M	10.10.24	NO CHANGE THIS SHEET	

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no.  
**W06-06**  
 sheet 10.1 of 23

DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)

PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'C'											
		1/4" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE				1/2" MAX. SHIM SPACE				
		2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	6 ANCHORS AT FREE STAND. JAMB
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
30	96	125.0	125.0	125.0	125.0	125.0	125.0	125.0	118.4	125.0	125.0	125.0	125.0
36		125.0	125.0	125.0	123.8	125.0	125.0	125.0	98.7	125.0	125.0	125.0	125.0
39		125.0	125.0	125.0	114.3	125.0	125.0	125.0	91.1	125.0	125.0	125.0	125.0
42		125.0	125.0	125.0	106.1	125.0	125.0	125.0	84.6	125.0	125.0	125.0	125.0
44		125.0	125.0	125.0	101.3	125.0	125.0	125.0	80.7	121.1	125.0	125.0	125.0
44-1/4		125.0	125.0	125.0	101.0	125.0	125.0	125.0	80.5	120.7	125.0	125.0	125.0
48		124.8	125.0	125.0	92.9	125.0	125.0	125.0	74.0	111.0	125.0	125.0	125.0
48-9/16		123.3	125.0	125.0	91.8	125.0	125.0	125.0	73.1	109.7	125.0	125.0	125.0
54		110.9	125.0	125.0	82.6	123.9	125.0	125.0	65.8	98.7	125.0	125.0	125.0
60	99.8	100.0	100.0	74.3	100.0	100.0	100.0	59.2	88.8	100.0	100.0	100.0	
30	102	125.0	125.0	125.0	125.0	125.0	125.0	125.0	111.4	125.0	125.0	125.0	125.0
36		125.0	125.0	125.0	116.5	125.0	125.0	125.0	92.9	125.0	125.0	125.0	125.0
39		125.0	125.0	125.0	107.6	125.0	125.0	125.0	85.7	125.0	125.0	125.0	125.0
42		125.0	125.0	125.0	99.9	125.0	125.0	125.0	79.6	119.4	125.0	125.0	125.0
44		125.0	125.0	125.0	95.4	125.0	125.0	125.0	76.0	114.0	125.0	125.0	125.0
44-1/4		125.0	125.0	125.0	95.1	125.0	125.0	125.0	75.8	113.6	125.0	125.0	125.0
48		117.4	125.0	125.0	87.4	125.0	125.0	125.0	69.6	104.5	125.0	125.0	125.0
48-9/16		116.1	125.0	125.0	86.4	125.0	125.0	125.0	68.8	103.3	125.0	125.0	125.0
54		104.4	125.0	125.0	77.7	116.6	125.0	125.0	61.9	92.9	123.8	125.0	125.0
60	93.9	100.0	100.0	69.9	100.0	100.0	100.0	55.7	83.6	100.0	100.0	100.0	
30	108	125.0	125.0	125.0	125.0	125.0	125.0	125.0	105.2	125.0	125.0	125.0	125.0
36		125.0	125.0	125.0	110.1	125.0	125.0	125.0	87.7	125.0	125.0	125.0	125.0
39		125.0	125.0	125.0	101.6	125.0	125.0	125.0	81.0	121.4	125.0	125.0	125.0
42		125.0	125.0	125.0	94.3	125.0	125.0	125.0	75.2	112.8	125.0	125.0	125.0
44		121.0	125.0	125.0	90.1	125.0	125.0	125.0	71.8	107.6	125.0	125.0	125.0
44-1/4		120.6	125.0	125.0	89.8	125.0	125.0	125.0	71.6	107.3	125.0	125.0	125.0
48		110.9	125.0	125.0	82.6	123.9	125.0	125.0	65.8	98.7	125.0	125.0	125.0
48-9/16		109.6	125.0	125.0	81.6	122.5	125.0	125.0	65.0	97.5	125.0	125.0	125.0
54		98.6	125.0	125.0	73.4	110.1	125.0	125.0	58.5	87.7	116.9	125.0	125.0
60	88.7	100.0	100.0	66.0	99.1	100.0	100.0	52.6	78.9	100.0	100.0	100.0	
30	114	125.0	125.0	125.0	125.0	125.0	125.0	125.0	99.7	125.0	125.0	125.0	125.0
36		125.0	125.0	125.0	104.3	125.0	125.0	125.0	83.1	124.6	125.0	125.0	125.0
39		125.0	125.0	125.0	96.3	125.0	125.0	125.0	76.7	115.0	125.0	125.0	125.0
42		120.1	125.0	125.0	89.4	125.0	125.0	125.0	71.2	106.8	125.0	125.0	125.0
44		114.6	125.0	125.0	85.3	125.0	125.0	125.0	68.0	102.0	125.0	125.0	125.0
44-1/4		114.3	125.0	125.0	85.1	125.0	125.0	125.0	67.8	101.7	125.0	125.0	125.0
48		105.1	125.0	125.0	78.2	117.4	125.0	125.0	62.3	93.5	124.6	125.0	125.0
48-9/16		103.8	125.0	125.0	77.3	116.0	125.0	125.0	61.6	92.4	123.2	125.0	125.0
54		93.4	125.0	125.0	69.5	104.3	125.0	125.0	55.4	83.1	110.8	125.0	125.0
60	84.0	100.0	100.0	62.6	93.9	100.0	100.0	49.9	74.8	99.7	100.0	100.0	
30	117-3/4	125.0	125.0	125.0	121.2	125.0	125.0	125.0	96.5	125.0	125.0	125.0	125.0
36		125.0	125.0	125.0	101.0	125.0	125.0	125.0	80.4	120.7	125.0	125.0	125.0
39		125.0	125.0	125.0	93.2	125.0	125.0	125.0	74.3	111.4	125.0	125.0	125.0
42		116.2	125.0	125.0	86.5	125.0	125.0	125.0	68.9	103.4	125.0	125.0	125.0
44		111.0	125.0	125.0	82.6	124.0	125.0	125.0	65.8	98.7	125.0	125.0	125.0
44-1/4		110.6	125.0	125.0	82.4	123.6	125.0	125.0	65.6	98.4	125.0	125.0	125.0
48		101.7	125.0	125.0	75.7	113.6	125.0	125.0	60.3	90.5	120.7	125.0	125.0
48-9/16		100.5	125.0	125.0	74.8	112.3	125.0	125.0	59.6	89.4	119.3	125.0	125.0
54		90.4	111.1	111.1	67.3	101.0	111.1	111.1	53.6	80.4	107.3	111.1	111.1

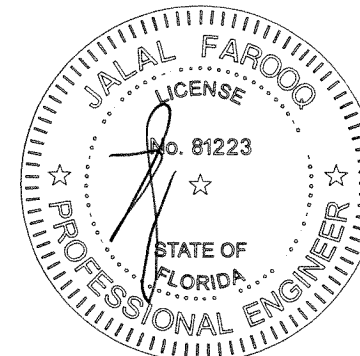
CHART CONTINUES ON NEXT SHEET

SEE CHART ON SHEET 8.1 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 12 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH FREE STANDING JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control



APR 20 2026

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173  
 TEL. (305) 262-6978  
 FAX. (305) 262-6978  
 (C.A.N. 3538)

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151  
 FAX. (305) 638-5158

no	date	description
I	05.01.17	REV. PER PER COMMENTS
J	04.24.18	REV. PER PER COMMENTS
K	05.29.18	NO CHANGE THIS SHEET
L	03.08.21	UPDATED TO 2020 FBC
M	10.10.24	NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no.  
**W06-06**  
 sheet 11 of 23

COMP-ANL W06-06RC

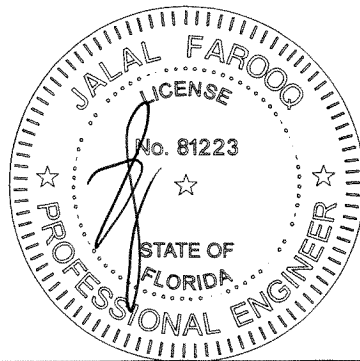
DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)															
		ANCHORS TYPE 'C'													
		1/4" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE				1/2" MAX. SHIM SPACE						
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	5 ANCHORS AT FREE STAND. JAMB	6 ANCHORS AT FREE STAND. JAMB	6 ANCHORS AT FREE STAND. JAMB	
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS		
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	120-5/8	125.0	125.0	125.0	118.3	125.0	125.0	125.0	94.2	125.0	125.0	125.0	125.0	125.0	
36		125.0	125.0	125.0	98.6	125.0	125.0	125.0	78.5	117.8	125.0	125.0	125.0	125.0	
39		122.2	125.0	125.0	91.0	125.0	125.0	125.0	72.5	108.7	125.0	125.0	125.0	125.0	
42		113.5	125.0	125.0	84.5	125.0	125.0	125.0	67.3	101.0	125.0	125.0	125.0	125.0	
44		108.3	125.0	125.0	80.6	121.0	125.0	125.0	64.2	96.4	125.0	125.0	125.0	125.0	
44-1/4		108.0	125.0	125.0	80.4	120.7	125.0	125.0	64.1	96.1	125.0	125.0	125.0	125.0	
48		99.3	125.0	125.0	73.9	110.9	125.0	125.0	58.9	88.3	117.8	125.0	125.0	125.0	
48-9/16		98.1	125.0	125.0	73.1	109.6	125.0	125.0	58.2	87.3	116.4	125.0	125.0	125.0	
54	88.3	111.1	111.1	65.7	98.6	111.1	111.1	52.3	78.5	104.7	111.1	111.1	111.1		
30	126	125.0	125.0	125.0	113.2	125.0	125.0	125.0	90.2	125.0	125.0	125.0	125.0	125.0	
36		125.0	125.0	125.0	94.3	125.0	125.0	125.0	75.2	112.8	125.0	125.0	125.0	125.0	
39		117.0	125.0	125.0	87.1	125.0	125.0	125.0	69.4	104.1	125.0	125.0	125.0	125.0	
42		108.6	125.0	125.0	80.9	121.4	125.0	125.0	64.4	96.7	125.0	125.0	125.0	125.0	
44		103.7	125.0	125.0	77.2	115.8	125.0	125.0	61.5	92.3	123.0	125.0	125.0	125.0	
44-1/4		103.4	125.0	125.0	77.0	115.5	125.0	125.0	61.3	92.0	122.7	125.0	125.0	125.0	
48		95.0	125.0	125.0	70.8	106.2	125.0	125.0	56.4	84.6	112.8	125.0	125.0	125.0	
48-9/16		93.9	125.0	125.0	69.9	105.0	125.0	125.0	55.7	83.6	111.5	125.0	125.0	125.0	
54	84.5	111.1	111.1	62.9	94.4	111.1	111.1	50.1	75.2	100.2	111.1	111.1	111.1		
30	127	125.0	125.0	125.0	112.3	125.0	125.0	125.0	89.5	125.0	125.0	125.0	125.0	125.0	
36		125.0	125.0	125.0	93.6	125.0	125.0	125.0	74.6	111.9	125.0	125.0	125.0	125.0	
39		116.1	125.0	125.0	86.4	125.0	125.0	125.0	68.8	103.3	125.0	125.0	125.0	125.0	
42		107.8	125.0	125.0	80.2	120.4	125.0	125.0	63.9	95.9	125.0	125.0	125.0	125.0	
44		102.9	125.0	125.0	76.6	114.9	125.0	125.0	61.0	91.5	122.0	125.0	125.0	125.0	
44-1/4		102.6	125.0	125.0	76.4	114.6	125.0	125.0	60.8	91.3	121.7	125.0	125.0	125.0	
48		94.3	125.0	125.0	70.2	105.4	125.0	125.0	55.9	83.9	111.9	125.0	125.0	125.0	
48-9/16		93.2	125.0	125.0	69.4	104.1	125.0	125.0	55.3	82.9	110.6	125.0	125.0	125.0	
54	83.8	111.1	111.1	62.4	93.6	111.1	111.1	49.7	74.6	99.4	111.1	111.1	111.1		
30	132	125.0	125.0	125.0	108.1	125.0	125.0	125.0	86.1	125.0	125.0	125.0	125.0	125.0	
36		121.0	125.0	125.0	90.1	125.0	125.0	125.0	71.8	107.6	125.0	125.0	125.0	125.0	
39		111.7	125.0	125.0	83.1	124.8	125.0	125.0	66.2	99.4	125.0	125.0	125.0	125.0	
42		103.7	125.0	125.0	77.2	115.8	125.0	125.0	61.5	92.3	123.0	125.0	125.0	125.0	
44		99.0	125.0	125.0	73.7	110.6	125.0	125.0	58.7	88.1	117.4	125.0	125.0	125.0	
44-1/4		98.7	125.0	125.0	73.5	110.3	125.0	125.0	58.5	87.8	117.1	125.0	125.0	125.0	
48	90.7	123.6	123.6	67.5	101.4	123.6	123.6	53.8	80.7	107.6	123.6	123.6	123.6		
30	138	125.0	125.0	125.0	103.4	125.0	125.0	125.0	82.4	123.5	125.0	125.0	125.0	125.0	
36		115.7	125.0	125.0	86.1	125.0	125.0	125.0	68.6	103.0	125.0	125.0	125.0	125.0	
39		106.8	125.0	125.0	79.5	119.3	125.0	125.0	63.4	95.0	125.0	125.0	125.0	125.0	
42		99.2	125.0	125.0	73.8	110.8	125.0	125.0	58.8	88.2	117.7	125.0	125.0	125.0	
44		94.7	125.0	125.0	70.5	105.8	125.0	125.0	56.2	84.2	112.3	125.0	125.0	125.0	
44-1/4		94.4	125.0	125.0	70.3	105.5	125.0	125.0	56.0	84.0	112.0	125.0	125.0	125.0	
48	86.8	123.6	123.6	64.6	97.0	123.6	123.6	51.5	77.2	103.0	123.6	123.6	123.6		
30	144	125.0	125.0	125.0	99.1	125.0	125.0	125.0	78.9	118.4	125.0	125.0	125.0	125.0	
36		110.9	125.0	125.0	82.6	123.9	125.0	125.0	65.8	98.7	125.0	125.0	125.0	125.0	
39		102.4	125.0	125.0	76.2	114.4	125.0	125.0	60.7	91.1	121.4	125.0	125.0	125.0	
42		95.0	125.0	125.0	70.8	106.2	125.0	125.0	56.4	84.6	112.8	125.0	125.0	125.0	
44		90.7	125.0	125.0	67.5	101.4	125.0	125.0	53.8	80.7	107.6	125.0	125.0	125.0	
44-1/4		90.5	125.0	125.0	67.4	101.1	125.0	125.0	53.7	80.5	107.3	125.0	125.0	125.0	
48	83.2	119.1	119.1	61.9	92.9	119.1	119.1	49.3	74.0	98.7	119.1	119.1	119.1		

SEE CHART ON SHEET 8.1 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHART AT LEFT FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART ON SHEET 12 FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH FREE STANDING JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control



APR 20 2026

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL: (305) 264-8100 FAX: (305) 262-6978  
 COMP-ANL\W06-06RC

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL: (305) 638-5151 FAX: (305) 638-5158

no	date	description
I	05.01.17	REV. PER RER COMMENTS
J	04.24.18	REV. PER RER COMMENTS
K	05.29.18	NO CHANGE THIS SHEET
L	03.08.21	UPDATED TO 2020 FBC
M	10.10.24	NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no. **W06-06**  
 sheet 11.1 of 23

DESIGN LOAD CAPACITY - PSF (SILL ANCHORS)				
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'D'		
		1/4" MAX. SHIM SPACE		
		2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	96	125.0	125.0	125.0
36		125.0	125.0	125.0
39		123.7	125.0	125.0
42		114.9	125.0	125.0
44		109.6	125.0	125.0
44-1/4		109.3	125.0	125.0
48		100.5	125.0	125.0
48-9/16		99.3	125.0	125.0
54		89.3	125.0	125.0
60		80.4	100.0	100.0
30	102	125.0	125.0	125.0
36		125.0	125.0	125.0
39		116.4	125.0	125.0
42		108.1	125.0	125.0
44		103.2	125.0	125.0
44-1/4		102.9	125.0	125.0
48		94.6	125.0	125.0
48-9/16		93.5	125.0	125.0
54		84.1	125.0	125.0
60		75.7	100.0	100.0
30	108	125.0	125.0	125.0
36		119.1	125.0	125.0
39		109.9	125.0	125.0
42		102.1	125.0	125.0
44		97.5	125.0	125.0
44-1/4		97.2	125.0	125.0
48		89.3	125.0	125.0
48-9/16		88.3	125.0	125.0
54		79.4	119.1	125.0
60		71.5	100.0	100.0
30	114	125.0	125.0	125.0
36		112.8	125.0	125.0
39		104.2	125.0	125.0
42		96.7	125.0	125.0
44		92.3	125.0	125.0
44-1/4		92.1	125.0	125.0
48		84.6	125.0	125.0
48-9/16		83.7	125.0	125.0
54		75.2	112.8	125.0
60		67.7	100.0	100.0
30	117-3/4	125.0	125.0	125.0
36		109.2	125.0	125.0
39		100.8	125.0	125.0
42		93.6	125.0	125.0
44		89.4	125.0	125.0
44-1/4		89.1	125.0	125.0
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48-9/16		81.0	121.5	125.0
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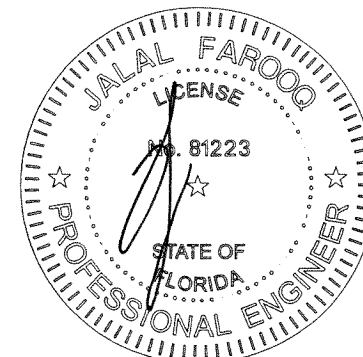
DESIGN LOAD CAPACITY - PSF (SILL ANCHORS)					
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'D'			
		1/4" MAX. SHIM SPACE			
		2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
30	120-5/8	125.0	125.0	125.0	
36		106.6	125.0	125.0	
39		98.4	125.0	125.0	
42		91.4	125.0	125.0	
44		87.3	125.0	125.0	
44-1/4		87.0	125.0	125.0	
48		80.0	120.0	125.0	
48-9/16		79.1	118.6	125.0	
54		71.1	106.6	111.1	
30		126	122.5	125.0	125.0
36	102.1		125.0	125.0	
39	94.2		125.0	125.0	
42	87.5		125.0	125.0	
44	83.5		125.0	125.0	
44-1/4	83.3		124.9	125.0	
48	76.6		114.9	125.0	
48-9/16	75.7		113.5	125.0	
54	68.1		102.1	111.1	
30	127		121.5	125.0	125.0
36		101.3	125.0	125.0	
39		93.5	125.0	125.0	
42		86.8	125.0	125.0	
44		82.9	124.3	125.0	
44-1/4		82.6	124.0	125.0	
48		76.0	114.0	125.0	
48-9/16		75.1	112.6	125.0	
54		67.5	101.3	111.1	
30		132	116.9	125.0	125.0
36	97.5		125.0	125.0	
39	90.0		125.0	125.0	
42	83.5		125.0	125.0	
44	79.7		119.6	125.0	
44-1/4	79.5		119.3	125.0	
48	73.1		109.6	123.6	
30	138		111.9	125.0	125.0
36			93.2	125.0	125.0
39			86.0	125.0	125.0
42		79.9	119.9	125.0	
44		76.3	114.4	125.0	
44-1/4		76.1	114.1	125.0	
48		69.9	104.9	123.6	
30		144	107.2	125.0	125.0
36			89.3	125.0	125.0
39			82.5	123.7	125.0
42	76.6		114.9	125.0	
44	73.1		109.6	125.0	
44-1/4	72.9		109.3	125.0	
48	67.0		100.5	119.1	

SEE CHART ON SHEET 8.1 FOR SLIDING GLASS DOOR CAPACITY  
 SEE CHARTS ON SHEETS 9 THRU 11 FOR HEAD ANCHOR LOAD CAPACITY  
 SEE CHART AT LEFT FOR SILL ANCHOR LOAD CAPACITY  
 LOWER VALUES FROM ABOVE WILL APPLY

SEE SHEET 16 FOR ANCHOR DESCRIPTION

SGD WITH FREE STANDING JAMBS

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Torres*  
 Miami-Dade Product Control  
 APR 20 2028



**af c**

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-06RC

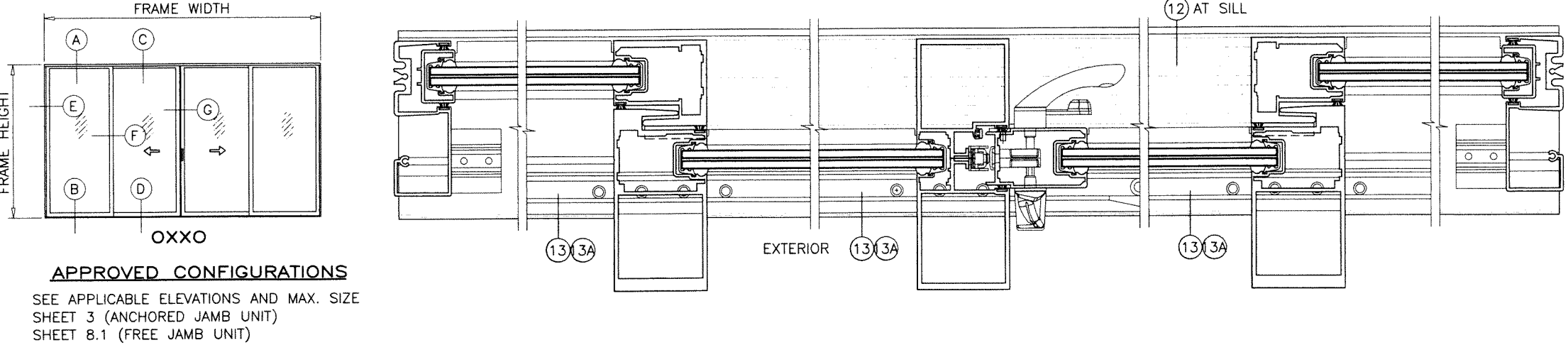
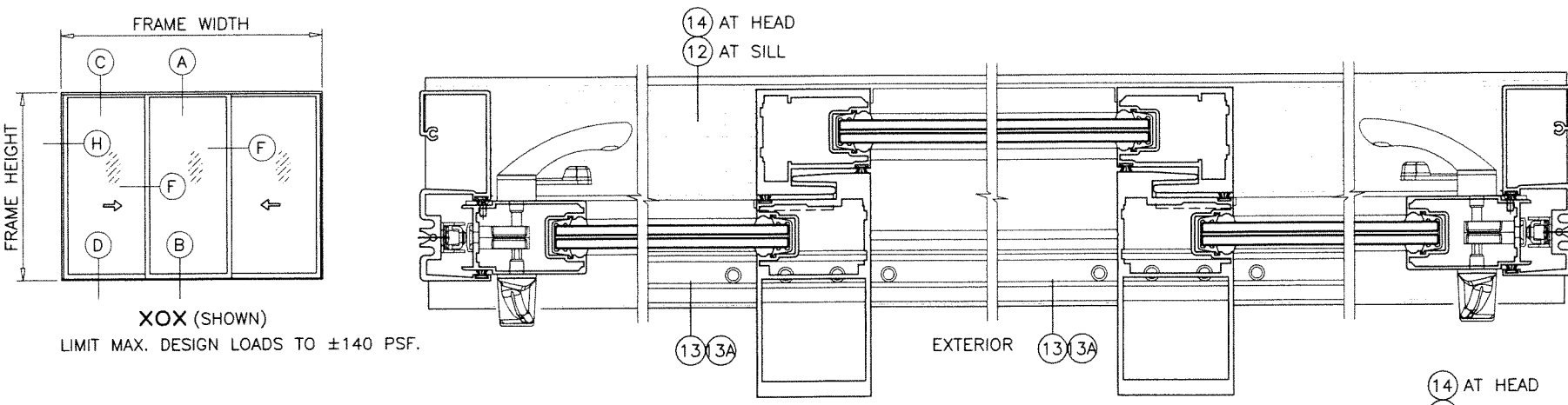
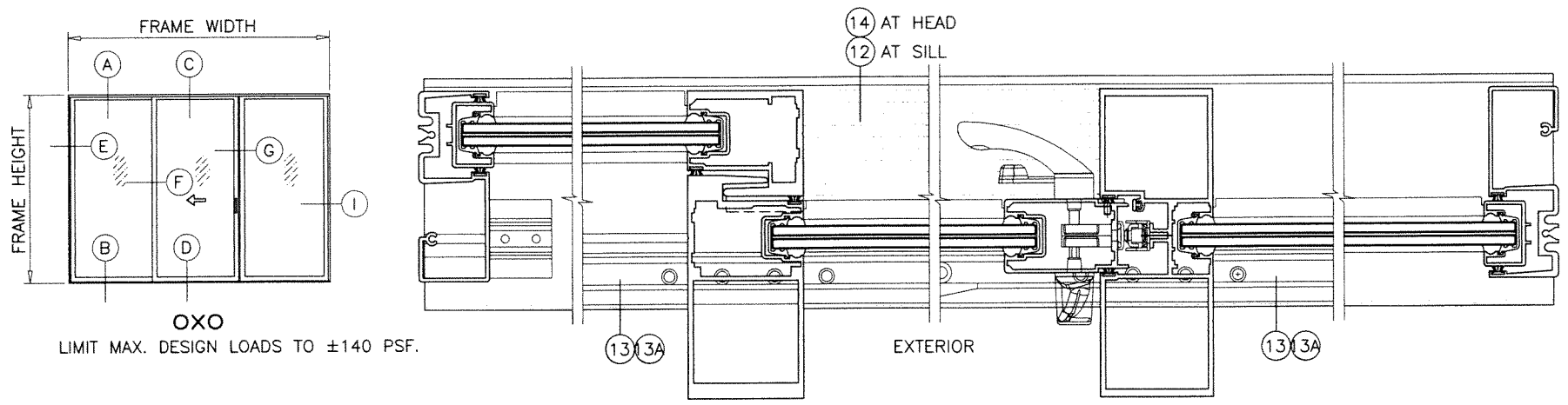
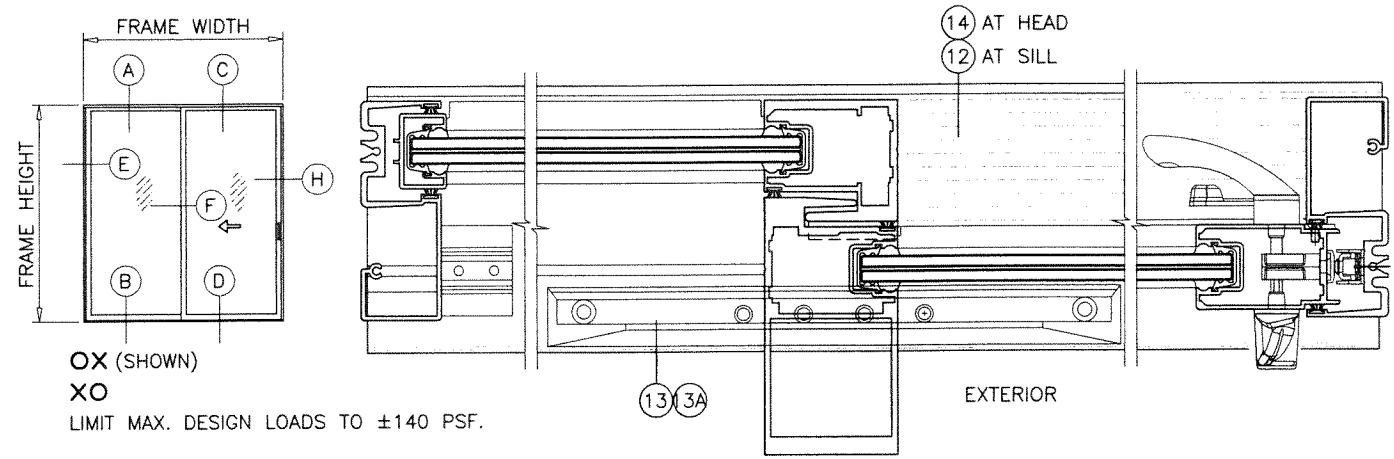
SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)

**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description	by
I	05.01.17	REV. PER RER COMMENTS	
J	04.24.18	REV. PER RER COMMENTS	
K	05.29.18	NO CHANGE THIS SHEET	
L	03.08.21	UPDATED TO 2020 FBC	
M	10.10.24	NO CHANGE THIS SHEET	

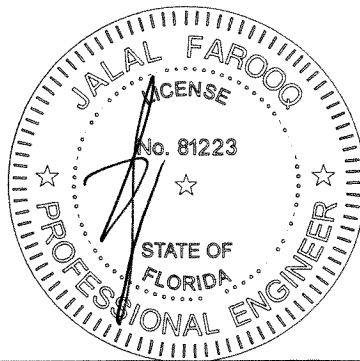
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 dr. by: TARIQ  
 chk. by:

drawing no. **W06-06**  
 sheet 12 of 23



NOTE:  
CONFIGURATIONS SHOWN FOR ILLUSTRATION ONLY.  
SEE ANCHORS INSTALLATION DETAILS ON SHEETS 14 THRU 18.  
FOR FREE STANDING JAMBS DETAILS SEE SHEET 19.

**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **24-1202.02**  
Expiration Date: **01/01/2028**  
By: *Manuel Fern*  
Miami-Dade Product Control



APR 20 2026

**af c**  
**AL-FAROOQ CORPORATION**  
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COMP-ANL\W06-06-TGL

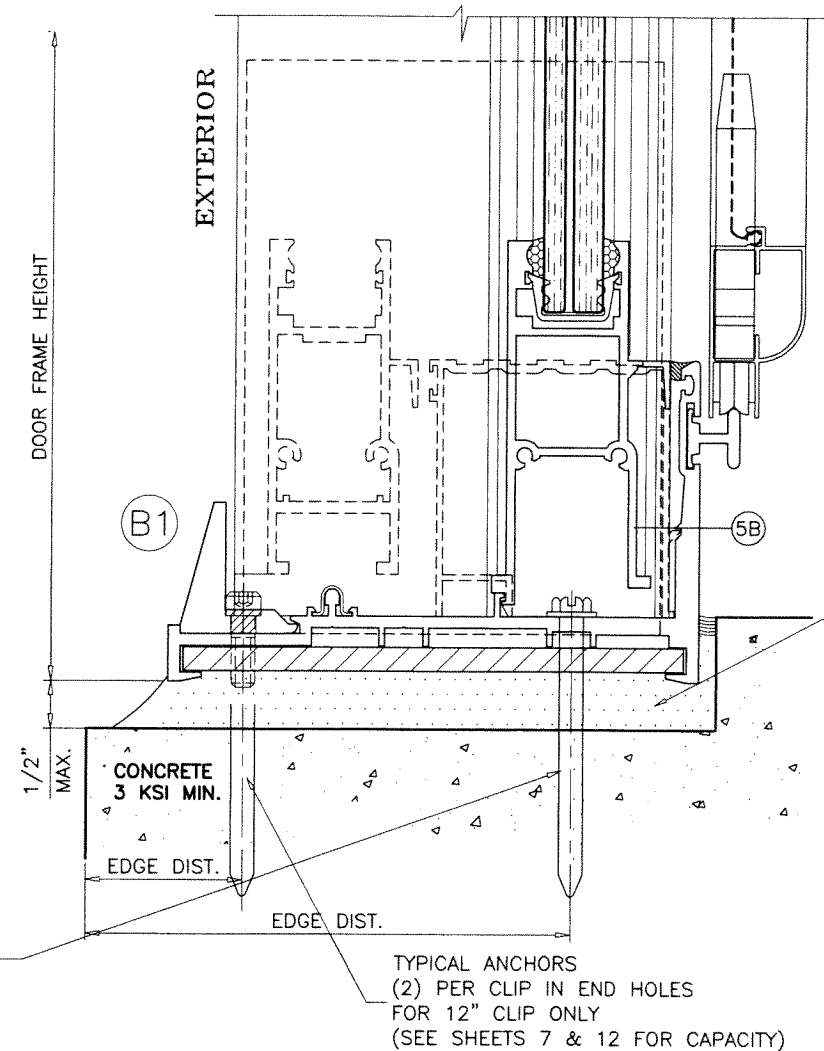
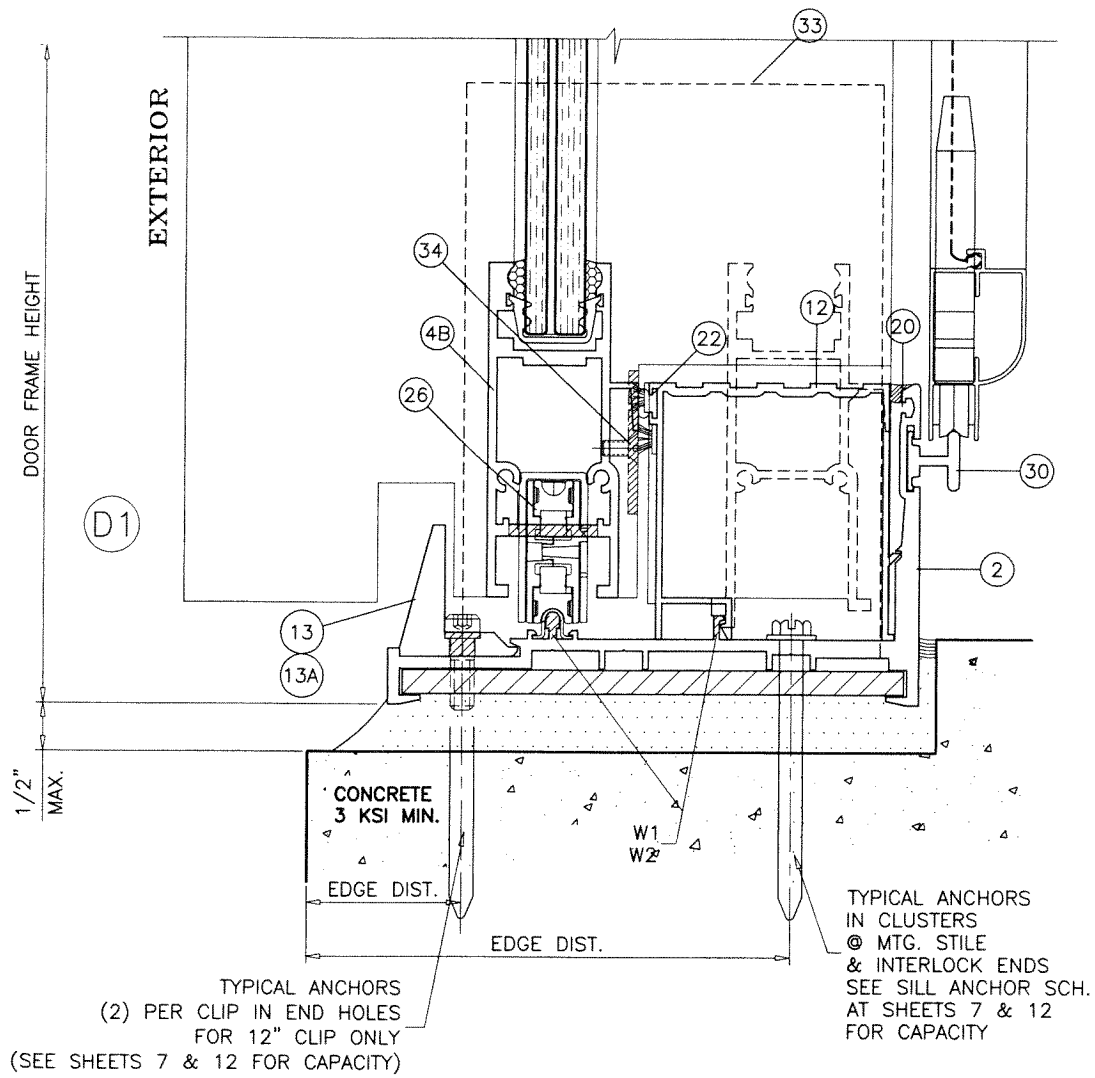
SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
3550 N.W. 49 STREET  
MIAMI, FL. 33142  
TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	no	date	description	by
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	J	04.24.18	REV. PER PER COMMENTS	
	K	05.29.18	NO CHANGE THIS SHEET	
	L	03.08.21	UPDATED TO 2020 FBC	
	M	10.10.24	NO CHANGE THIS SHEET	

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dr. by: TARIQ  
chk. by:

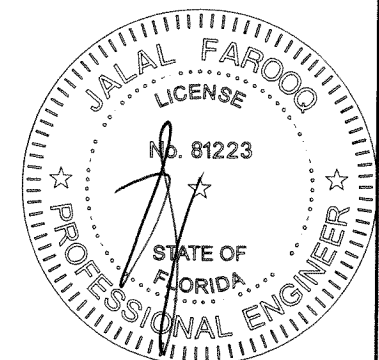
drawing no.  
**W06-06**  
sheet 13 of 23





HIGH STRENGTH POURED & HARDENED GROUT  
 $f'c = 5000$  PSI MIN.  
 NOT BY 'TECNOGLASS'  
 MUST TRANSFER SHEAR LOADS TO STRUCTURE

**PRODUCT REVISED**  
 As complying with the Florida Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Torres*  
 Miami-Dade Product Control  
**APR 20 2026**



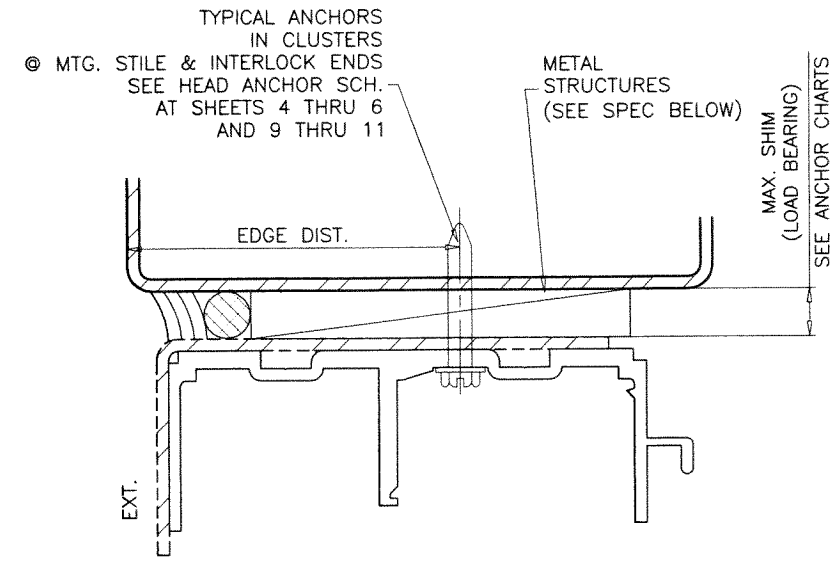
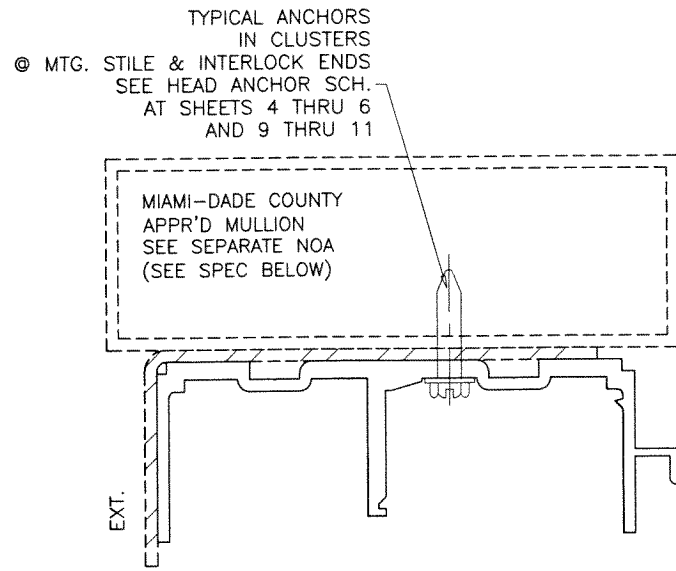
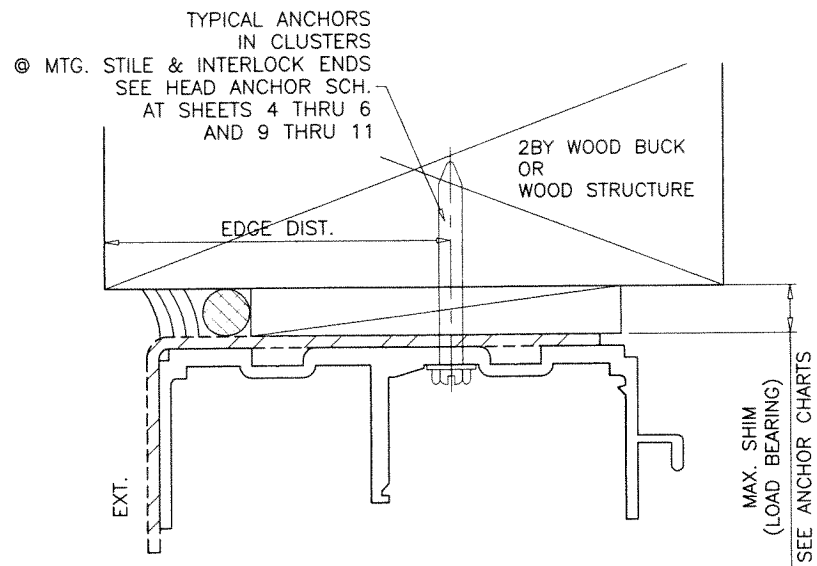
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**AL-FAROOQ CORPORATION**  
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 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
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 COMP-ANL\W06-06-TGL

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
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date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no. **W06-06**  
 sheet 15 of 23



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

— AT HEAD —

TYPE 'A'— 5/16" DIA. ULTRACON BY 'DEWALT' ( $F_u=177$  KSI,  $F_y=155$  KSI)  
 INTO WOOD STRUCTURES  
 1-7/8" MIN. PENETRATION INTO WOOD  
 THRU 1BY OR 2BY BUCKS INTO CONCRETE  
 1-1/2" MIN. EMBED INTO CONCRETE

TYPE 'B'— 5/16" DIA. ULTRACON BY 'DEWALT' ( $F_u=177$  KSI,  $F_y=155$  KSI)  
 DIRECTLY INTO CONCRETE  
 1-3/4" MIN. EMBED INTO CONCRETE

TYPE 'C'— 5/16" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)  
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS  
 OR  
 INTO METAL STRUCTURES  
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)  
 STEEL: 1/8" THK. MIN. ( $F_y = 36$  KSI MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

— AT SILL —

TYPE 'D'— 5/16" DIA. ULTRACON BY 'DEWALT' ( $F_u=177$  KSI,  $F_y=155$  KSI)  
 DIRECTLY INTO CONCRETE  
 1-3/4" MIN. EMBED INTO CONCRETE

— AT JAMBS —

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

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

5/16" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)  
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS  
 OR  
 INTO METAL STRUCTURES  
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)  
 STEEL: 1/8" THK. MIN. ( $F_y = 36$  KSI MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

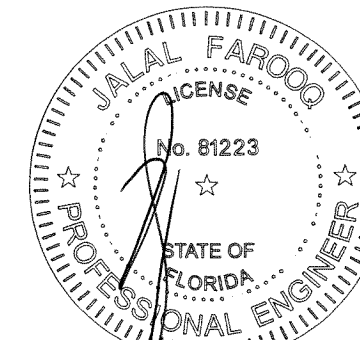
TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
 INTO WOOD STRUCTURE = 1-1/4" 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 GROUT FILLED BLOCK AT JAMBS  $f'_m = 2000$  PSI MIN.

1BY OR 2BY WOOD BUCKS AND METAL STRUCTURES NOT BY 'TECNOGLASS'  
 MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND  
 TRANSFER THEM TO THE BUILDING STRUCTURE.

**PRODUCT REVISED**  
 As complying with the Florida  
 Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Torres*  
 Miami-Dade Product Control



APR 20 2026

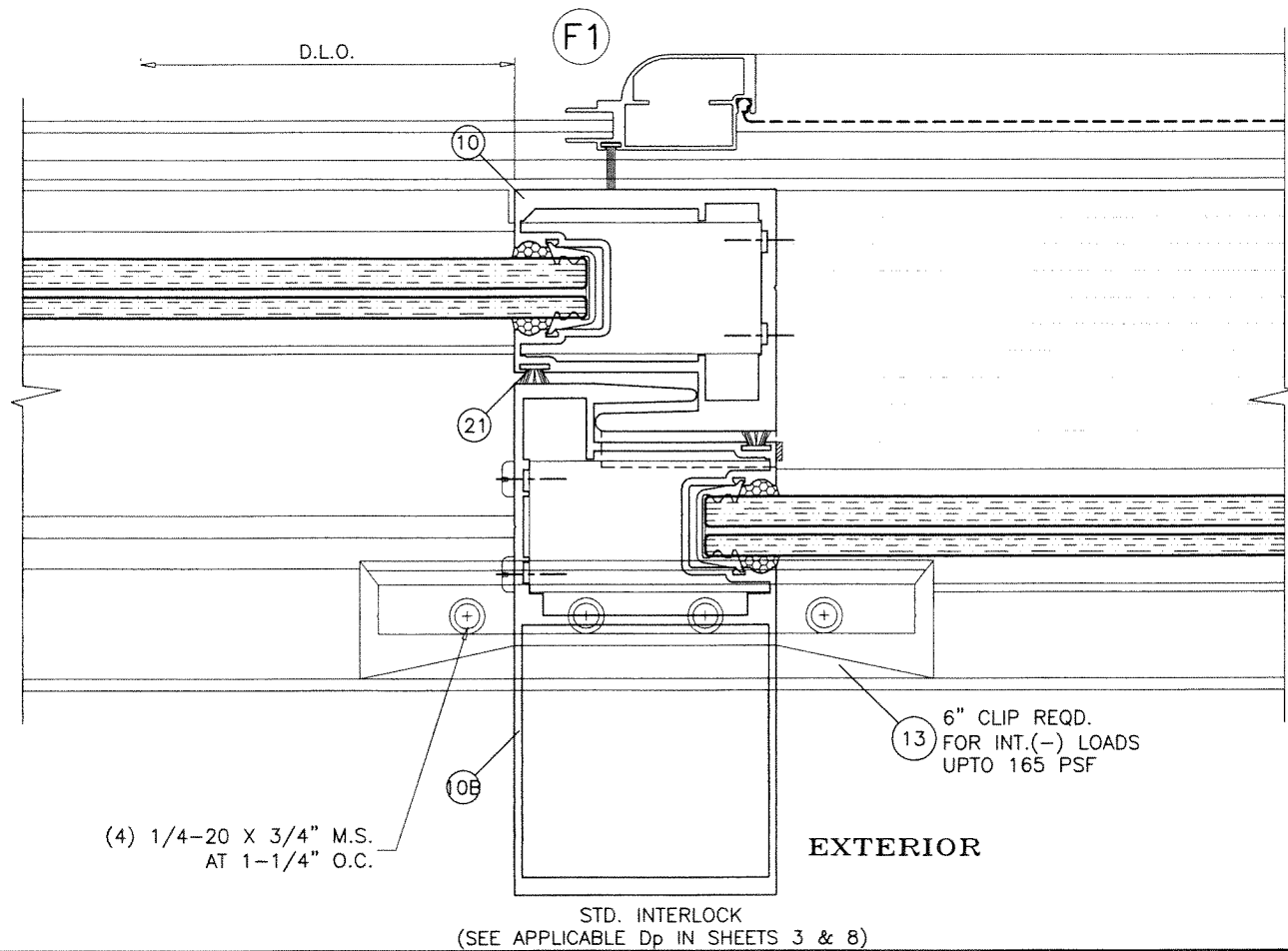
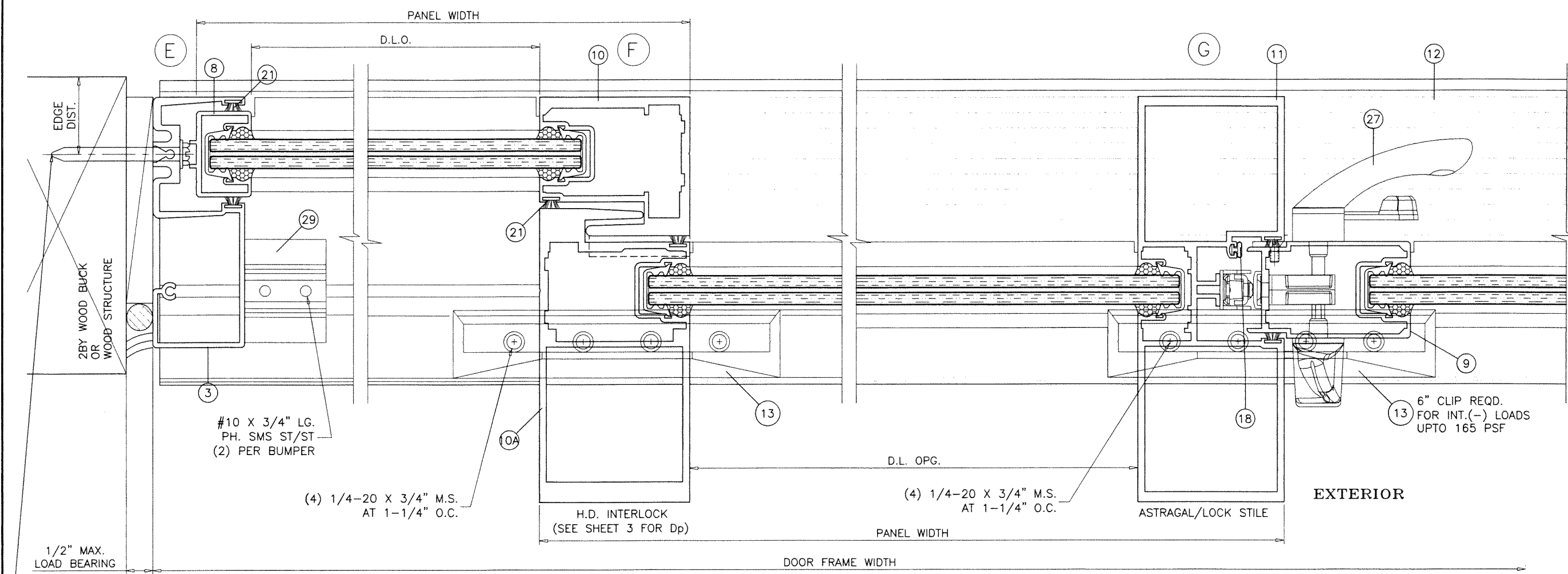
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 (C.A.N. 3538)  
 COMP-ANL\W06-06-TGL

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

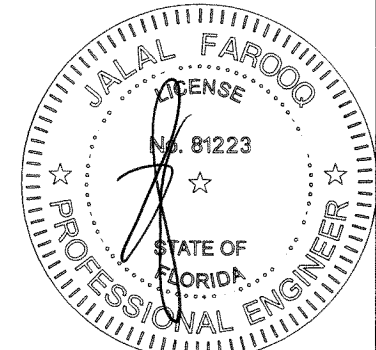
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K	05.29.18		NO CHANGE THIS SHEET
L	03.08.21		UPDATED TO 2020 FBC
M	10.10.24		NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIO  
 chk. by:

drawing no.  
**W06-06**  
 sheet 16 of 23



**PRODUCT REVISED**  
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 NOA-No. **24-1202.02**  
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 Miami-Dade Product Control  
**APR 20 2026**



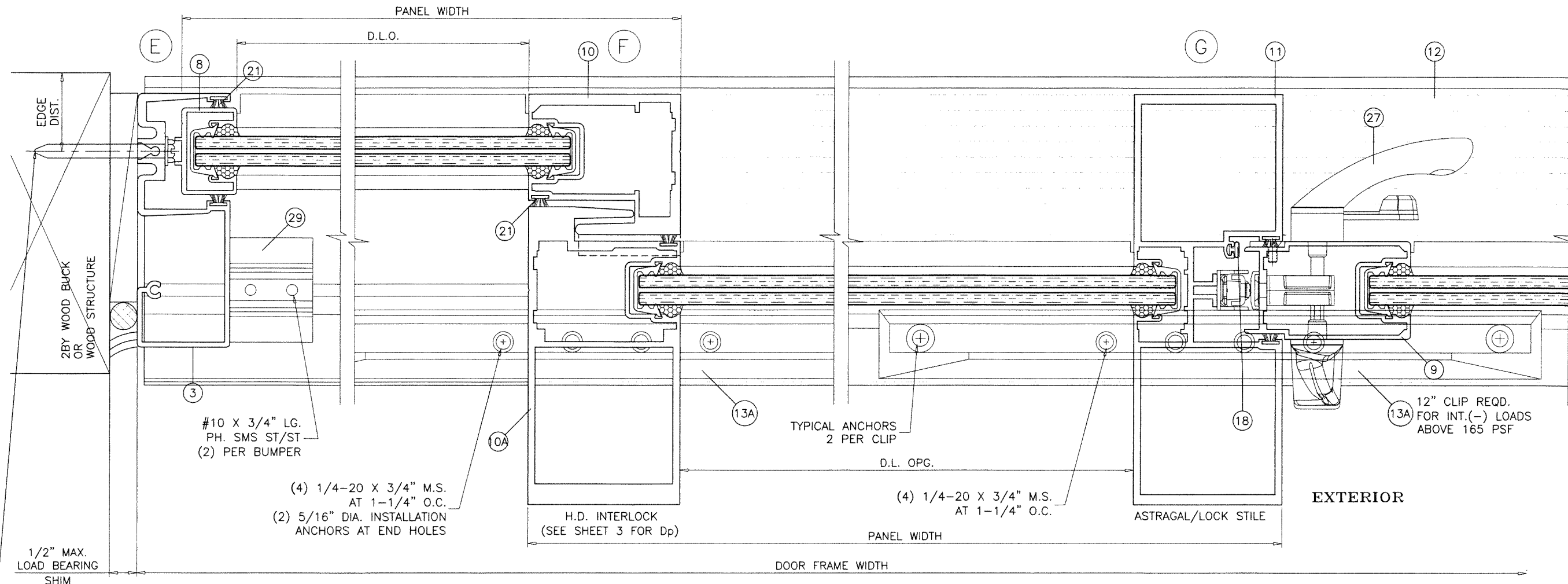
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SERIES-DM12 ALUM SLID. GLASS DOOR (S.M.I.)  
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 dr. by: TARIQ  
 chk. by:  
 drawing no.  
**W06-06**  
 sheet 17 of 23



#10 X 3/4" LG. PH. SMS ST/ST (2) PER BUMPER

(4) 1/4-20 X 3/4" M.S. AT 1-1/4" O.C.  
(2) 5/16" DIA. INSTALLATION ANCHORS AT END HOLES

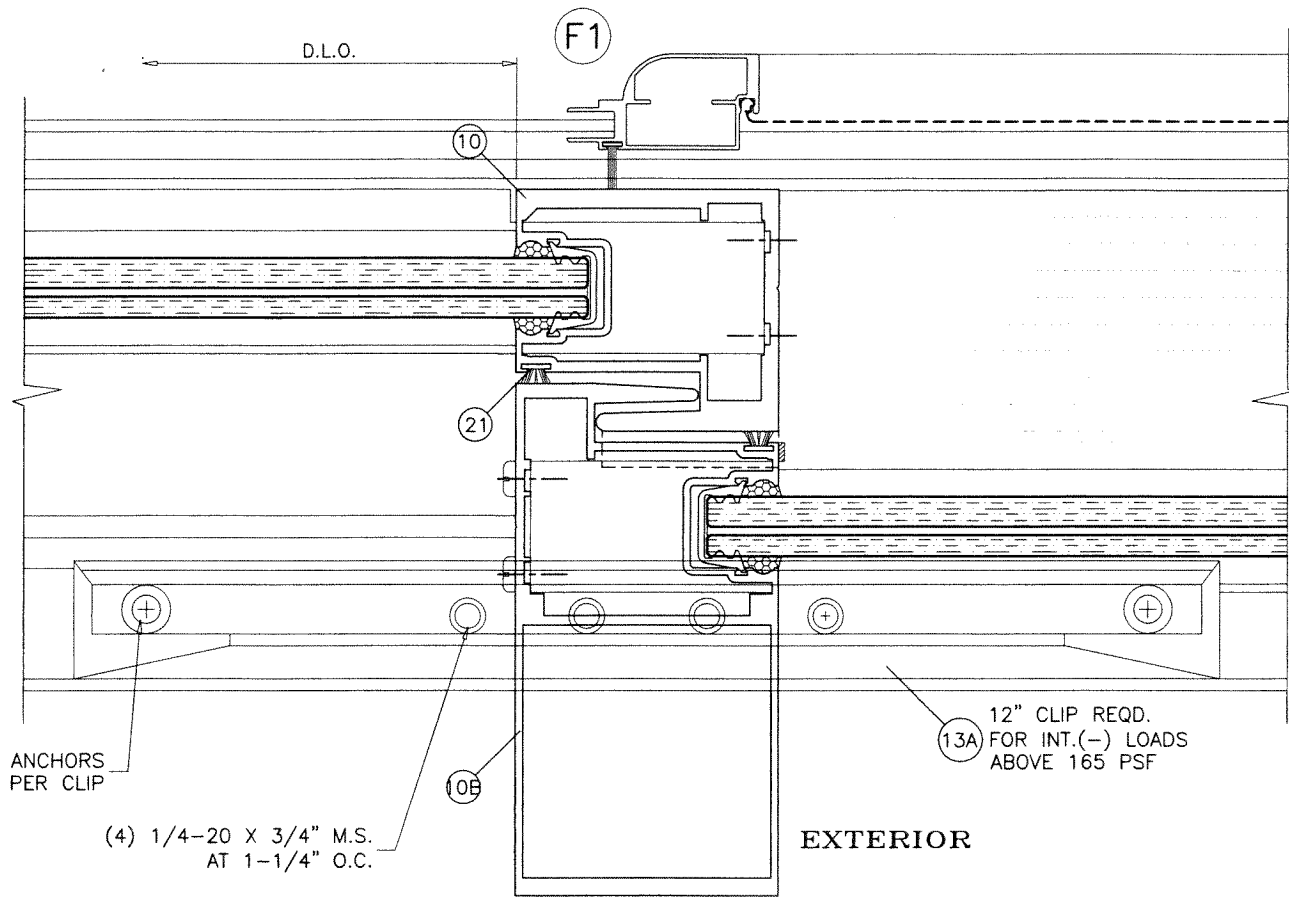
TYPICAL ANCHORS 2 PER CLIP

(4) 1/4-20 X 3/4" M.S. AT 1-1/4" O.C.

12" CLIP REQD. FOR INT.(-) LOADS ABOVE 165 PSF

1/2" MAX. LOAD BEARING SHIM

TYPICAL ANCHORS SEE ELEVATION FOR SPACING



TYPICAL ANCHORS 2 PER CLIP

(4) 1/4-20 X 3/4" M.S. AT 1-1/4" O.C.

12" CLIP REQD. FOR INT.(-) LOADS ABOVE 165 PSF

EXTERIOR

STD. INTERLOCK (SEE APPLICABLE Dp IN SHEETS 3 & 8)

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Miami-Dade Product Control  
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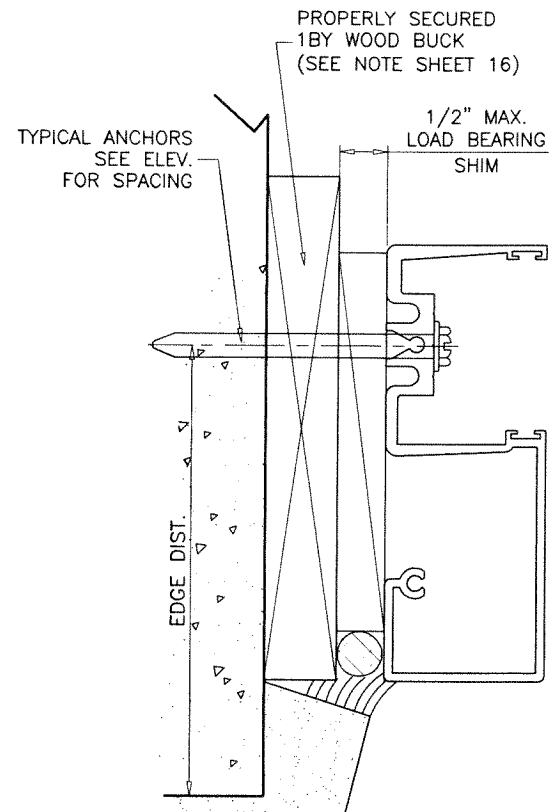
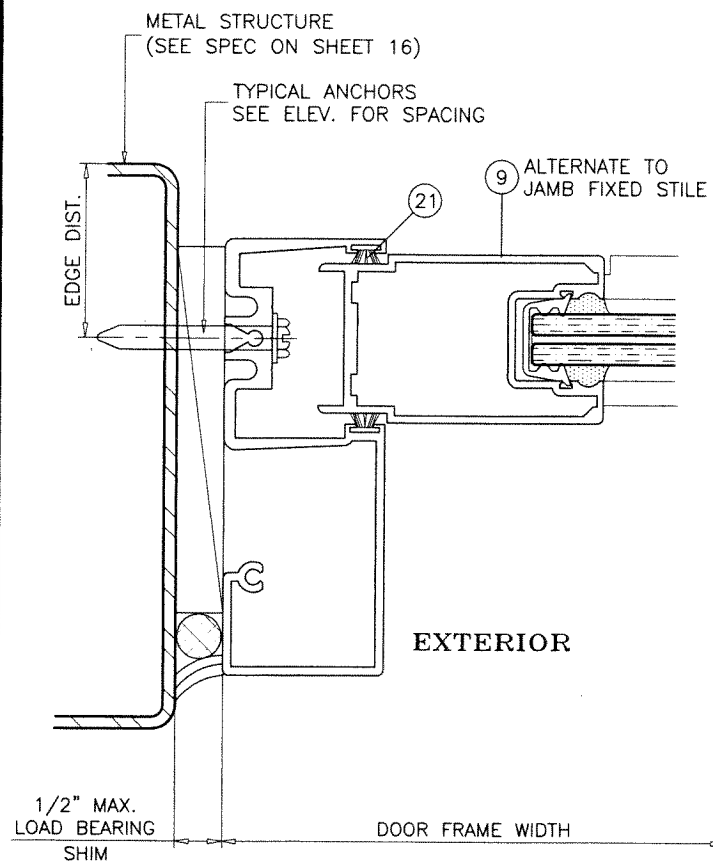
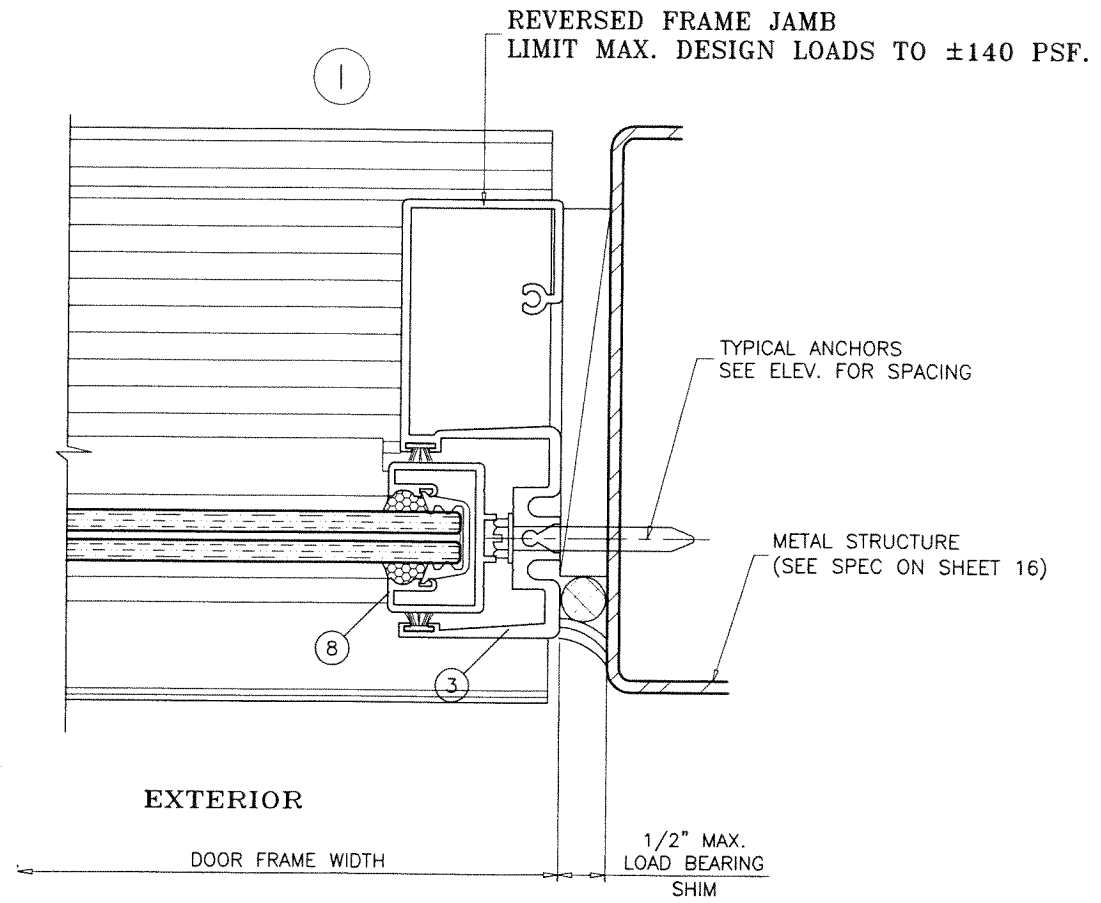
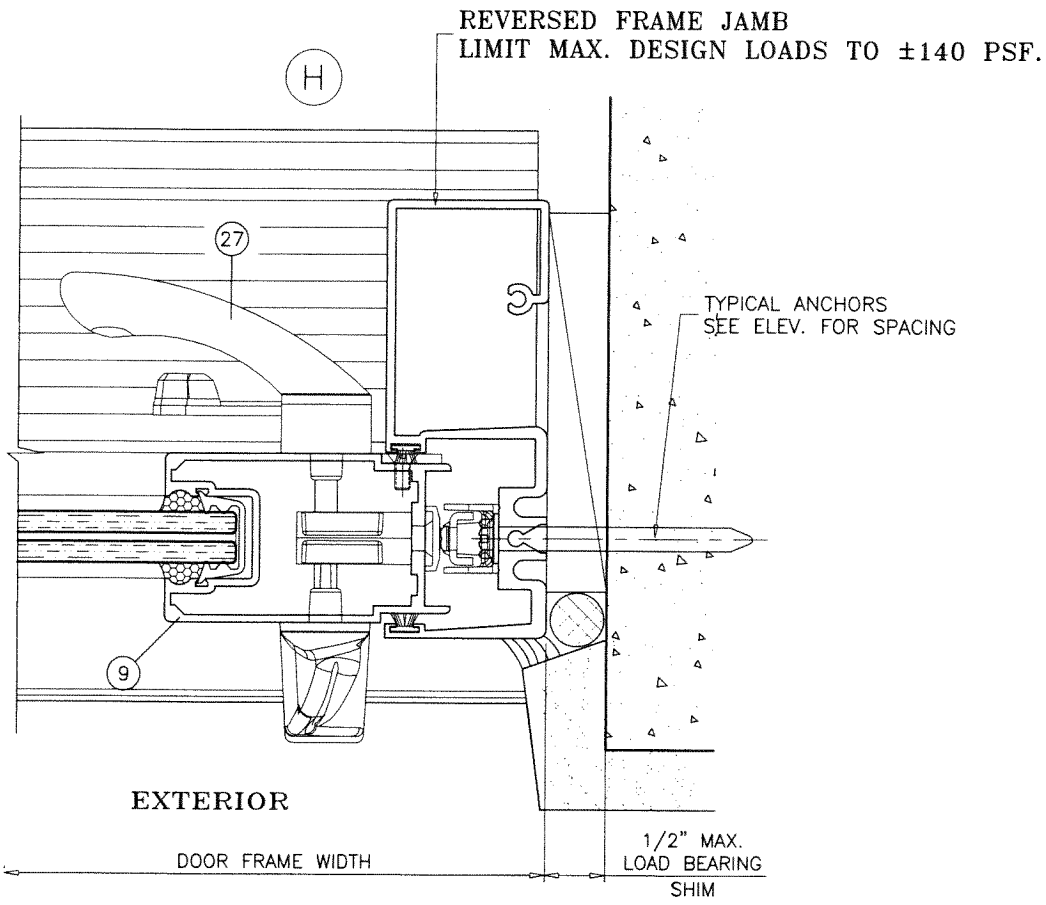
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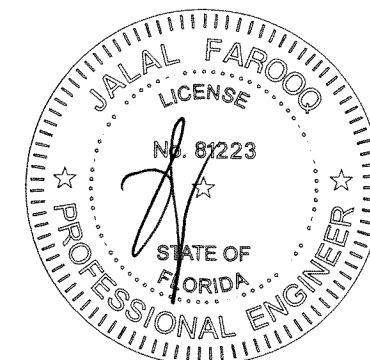
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sheet 17.1 of 23



**PRODUCT REVISED**  
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Miami-Dade Product Control  
**APR 20 2026**



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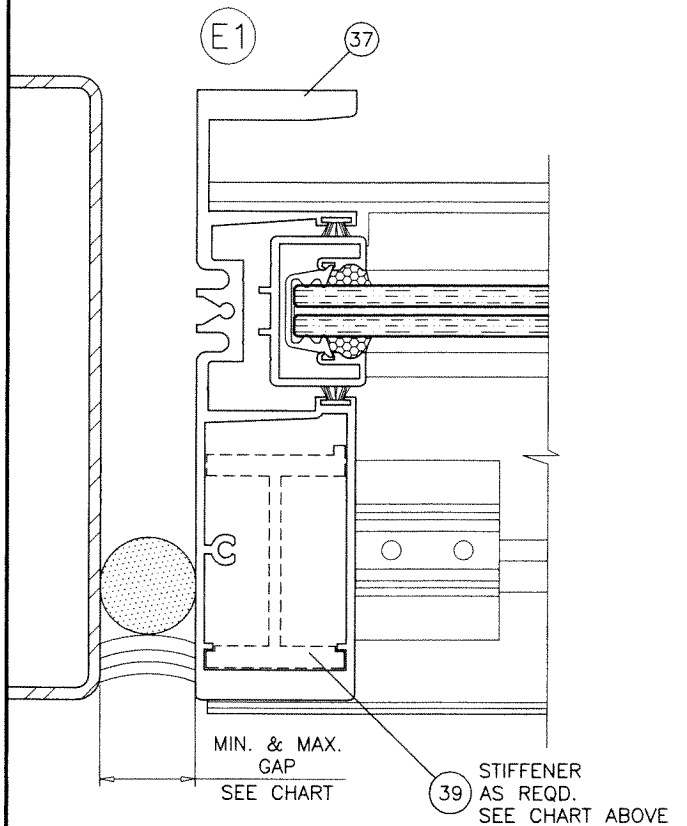
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chk. by:  
drawing no.  
**W06-06**  
sheet 18 of 23

FREE STANDING JAMB CAPACITY			
MAX. PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	WITHOUT STIFFENER	WITH STIFFENER
		EXT.(+)/INT.(-)	EXT.(+)/INT.(-)
60	114	100.0	100.0
54	127	111.1	111.1
48	138	123.6	123.6
39	144	125.0	125.0
44		123.0	125.0
48		112.8	119.1

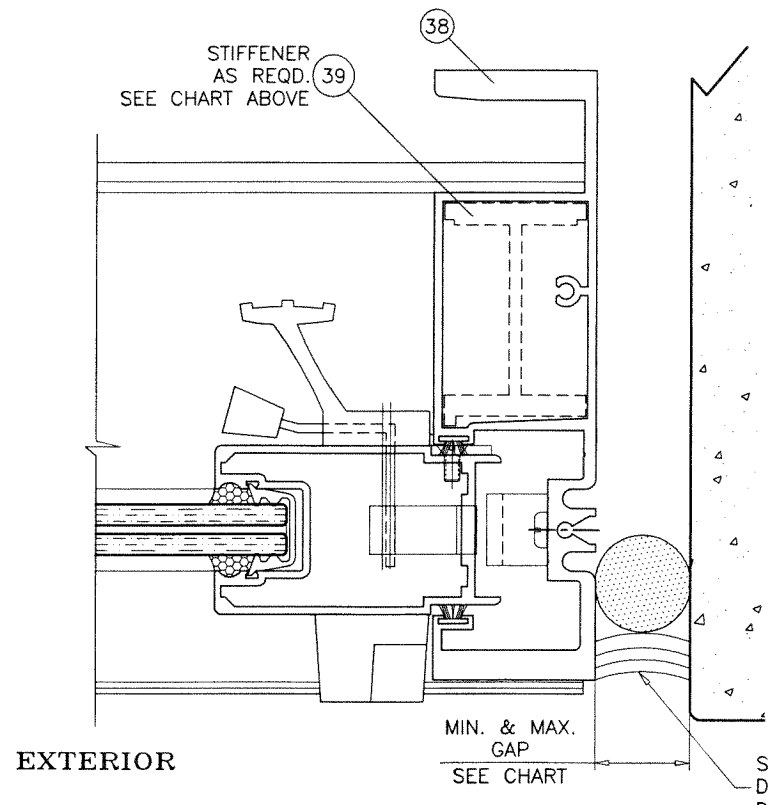
FOR DOOR CAPACITY SEE CHART ON SHEET 8.1  
 LOWER Dp SHALL CONTROL



**FREE STANDING JAMB  
 FIXED SIDE**

Ix IN <sup>4</sup>	Sx IN <sup>3</sup>
13.025	4.031

Ix IN <sup>4</sup>	Sx IN <sup>3</sup>
.7320	.6095



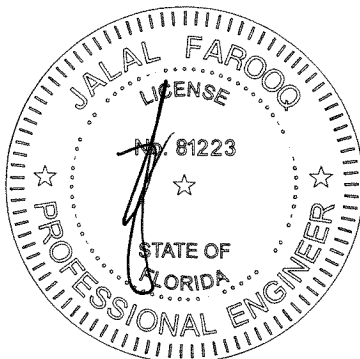
**FREE STANDING JAMB  
 OPERABLE SIDE**

Ix IN <sup>4</sup>	Sx IN <sup>3</sup>
13.336	4.051

MAX. FRAME HEIGHT	GAP	
	MIN.	MAX.
84"	5/16"	3/4"
108"	3/8"	3/4"
120"	7/16"	3/4"
144"	1/2"	3/4"

**PRODUCT REVISED**  
 As complying with the Florida Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Torres*  
 Miami-Dade Product Control

APR 20 2026



SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)

**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	by	description
I	05.01.17		REV. PER RER COMMENTS
J	04.24.18		REV. PER RER COMMENTS
K	05.29.18		NO CHANGE THIS SHEET
L	03.08.21		UPDATED TO 2020 FBC
M	10.10.24		NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIQ  
 chk. by:

drawing no.  
**W06-06**  
 sheet 19 of 23

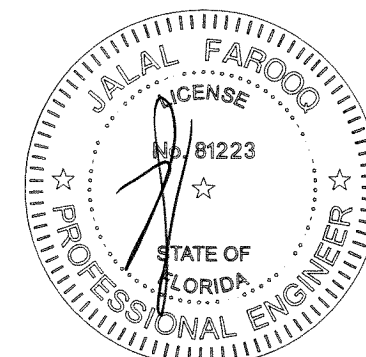
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1	2400ST-038	1	FRAME HEAD	6063-T6/6005-T5	-
1B	2400ST-066	1	ALT. FRAME HEAD	6063-T6/6005-T5	-
1C	2400ST-066A	1	ALT. FRAME HEAD	6063-T6/6005-T5	-
2	2400ST-039	1	FRAME SILL	6005-T5	-
2A	2400ST-082A	1	ALT. FRAME SILL	6005-T5	-
3	2400ST-042	2	FRAME JAMB	6063-T6	-
4	2400ST-008	1/MOV. PANEL	STD. BOTTOM RAIL (MOVING)	6063-T6	-
4A	2400ST-069	1/MOV. PANEL	ALTERNATE STD. BOTTOM RAIL (MOVING)	6063-T6	-
4B	2400ST-084	1/MOV. PANEL	HI-RISE BOTTOM RAIL (MOVING)	6063-T6	-
5	2400ST-009	1/FIX. PANEL	STD. BOTTOM RAIL (FIXED)	6063-T6	-
5B	2400ST-085	1/FIX. PANEL	HI-RISE BOTTOM RAIL (FIXED)	6063-T6	-
6	2400ST-006	1/MOV. PANEL	TOP MOVING RAIL	6063-T6	-
7	2400ST-007	1/FIX. PANEL	TOP FIXED RAIL	6063-T6	-
8	2400ST-004	1/FIX. PANEL	JAMB FIXED STILE	6063-T6	-
9	2400ST-002	1	JAMB FIX. STILE/LOCK STILE	6063-T6	-
10	2400ST-037	1/ PANEL	INTERIOR INTERLOCK	6005-T5	-
10A	2400ST-061	1/ PANEL	H.D. EXTERIOR INTERLOCK	6005-T5	-
10B	2400ST-062	1/ PANEL	STD. EXTERIOR INTERLOCK	6005-T5	-
11	2400ST-063	1	MEETING STILE	6005-T5	-
12	2400ST-012	1	THRESHOLD FILLING TRACK (LENGTH = OPNG. WIDTH BETWEEN FIXED PANELS)	6063-T6	-
13	2400ST-011	-	SILL TRACK ANCHOR CLIP, 6" LONG, FOR INT.(-) LOADS UPTO 165 PSF	6005-T5	-
13A	2400ST-011	-	SILL TRACK ANCHOR CLIP, 12" LONG, FOR INT.(-) LOADS ABOVE 165 PSF	6005-T5	-
14	2400ST-019	1	HEAD ADAPTER (LENGTH = OPNG. WIDTH BETWEEN FIXED PANELS)	6063-T6	-
15	2400ST-031	2	SILL TRACK PLATE (5-1/4" X 1/4" X 5" LONG)	6063-T6	AT EACH END
15A	2400ST-031	3	SILL TRACK PLATE (5-1/4" X 1/4" X 10" LONG)	6063-T6	AT INTERLOCK/ASTRAGAL STILES
17	#10 X 1/2"	2	WEATHERSTRIP FASTENERS	-	-
18	V-027	-	BULB W'STRIPPING	TPE	DUROMETER 75±5 SHORE "A"
19	V-019	-	FLAP WEATHER SEAL	TPE	DUROMETER 75±5 SHORE "A"
20	V-026	-	BULB W'STRIPPING	TPE	DUROMETER 75±5 SHORE "A"
21	W31265NK	-	FIN PILE W'STRIPPING	-	ULTRAFAB
22	Q250X270	-	Q-LON W'STRIPPING	-	SCHLEGEL
24	V-017	AS REQD.	GLAZING GASKET (9/16" GLASS)	TPE	DUROMETER 75±5 SHORE "A", MELTPPOINT PLASTICS
26	-	2/MOV. PANEL	TANDEM PLASTIC WHEELS IN METALLIC HOUSING	-	DUAL ROLLERS
27	PS01-0001	1	STANDARD SLIDE SET LOCK	-	INTERLOCK
28	-	1	LOCK KEEPER	-	-
29	P-046	AS REQD.	COMMERCIAL SERIES S.G.D. BUMPER @ 2400ST-066, 1-1/2" LONG	PVC	-
30	2400ST-040	AS REQD.	INSIDE SCREEN TRACK	6063-T6	-
31	#10 X 1-1/2"	2/ PANEL	PANEL ASSBY. SCREWS	ST/ST	PH SMS
32	#10 X 1"	2/ CORNER	FRAME ASSBY. SCREWS	-	PH SMS
33	-	2	4-1/4" X .060" X 6" LONG PLATE	6063-T6	AT FRAME JAMB BOTTOM
34	-	-	5/8" X 1-1/2" X .1" PLATE @ LOCK STILE BOTTOM	6063-T6	FASTENED W/ #8 X 3/8" FH SMS
35	-	1/ MOV. PANEL	5/8" X 1-1/8" X 5/8" X 1/8" CHANNEL (LENGTH = PANEL WIDTH - 10")	ST/ST	Fy = 36 KSI MIN.
36	-	AS REQD.	2-1/4" X 4-3/4" X 1/8" ANGLE (SEE SHEET 14 SECTION C FOR APPLICATION REQUIREMENT)	ST/ST	9" OR 18" LONG
37	2400ST-071	AS REQD.	FREE STANDING JAMB (FIX. SIDE)	6005-T5	-
38	2400ST-072	AS REQD.	FREE STANDING JAMB (OPERABLE SIDE)	6005-T5	-
39	2400ST-086	AS REQD.	JAMB STIFFENER	6005-T5	-

NOTE:  
ITEM 15 IS USED AT EACH END OF THE DOOR (JAMB)  
AND ITEM 15A IS USED AT THE INTERLOCK/ASTRAGAL  
STILES.

**LOCKS:**

THREE PLY METALLIC FOUR POINT LOCK SYSTEM  
WITH SURFACE MOUNT METALLIC HANDLE AT 41"  
FROM BOTTOM.  
LOCK FASTENED WITH (8) #10 X 1" PH SMS AND  
HANDLE FASTENED WITH (2) #8 X 2-3/8" OH  
MACHINE SCREWS.  
SURFACE MOUNT METALLIC KEEPERS AT 14", 41"  
AND 68" FROM BOTTOM  
FASTENED WITH (2) #10 X 3/4" PH SMS.

**PRODUCT REVISED**  
As complying with the Florida  
Building Code  
NOA-No. **24-1202.02**  
Expiration Date: **01/01/2028**  
By: *Manuel Ferns*  
**Miami-Dade Product Control**



APR 20 2026

afc

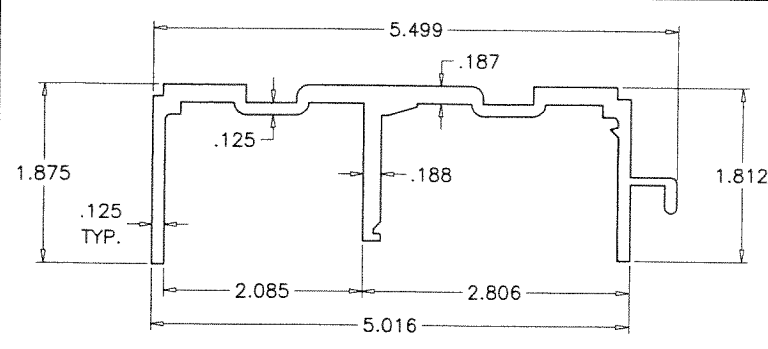
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-06-TGL

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
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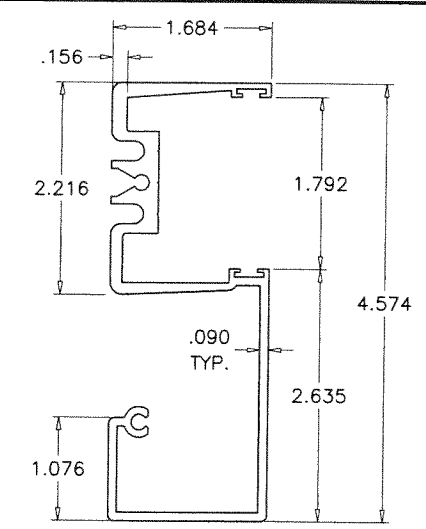
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	M	10.10.24	NO CHANGE THIS SHEET	

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 dr. by: TARIQ  
 chk. by:

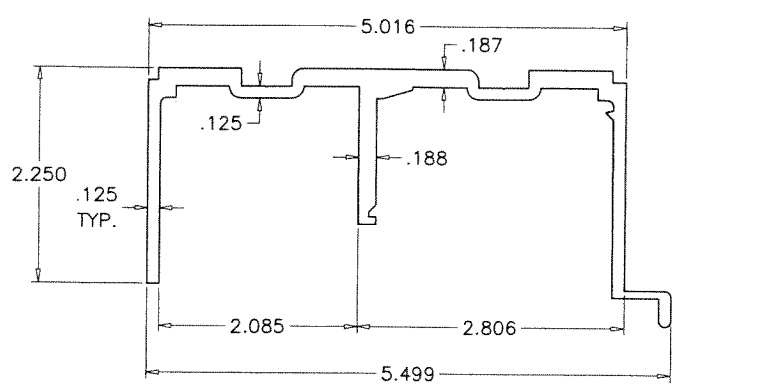
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**W06-06**  
 sheet 20 of 23



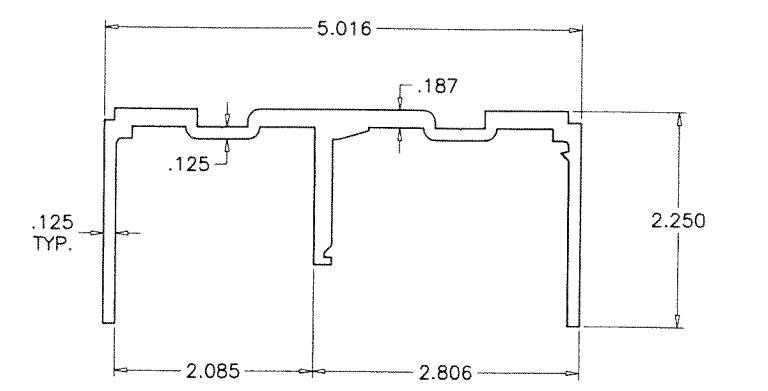
① FRAME HEAD (2400ST-038)



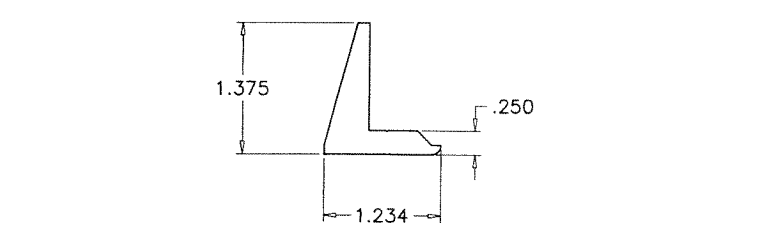
③ FRAME JAMB (2400ST-042)



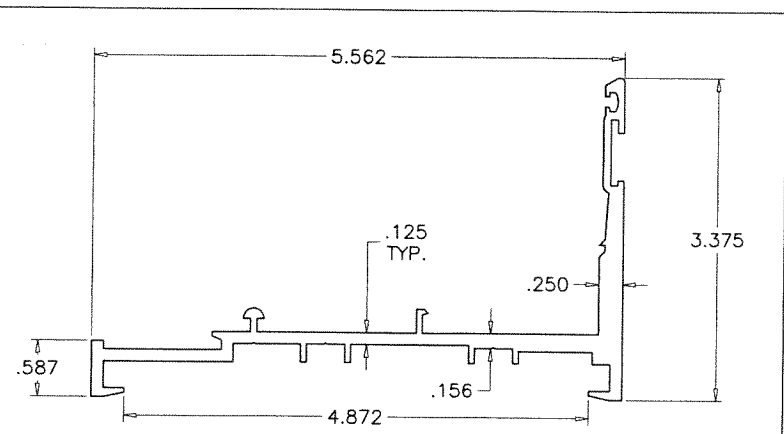
①B ALT. FRAME HEAD (2400ST-066)



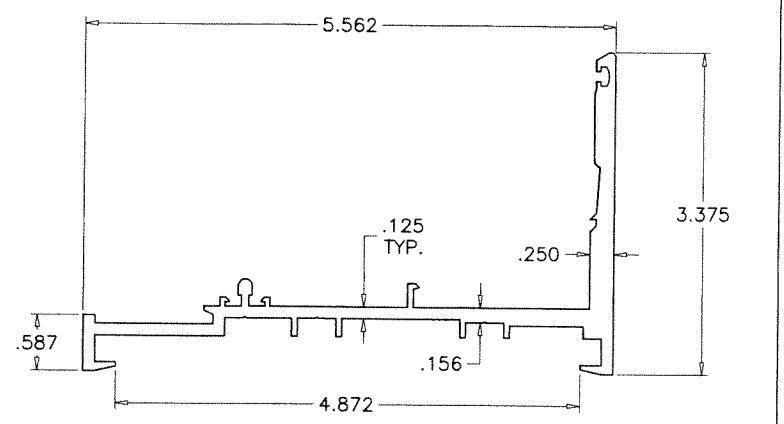
①C ALT. FRAME HEAD (2400ST-066A)



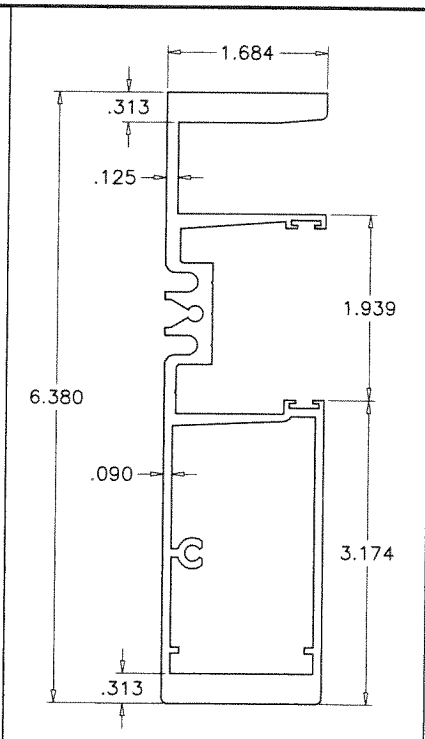
⑬ SILL ANCHOR (2400ST-011)



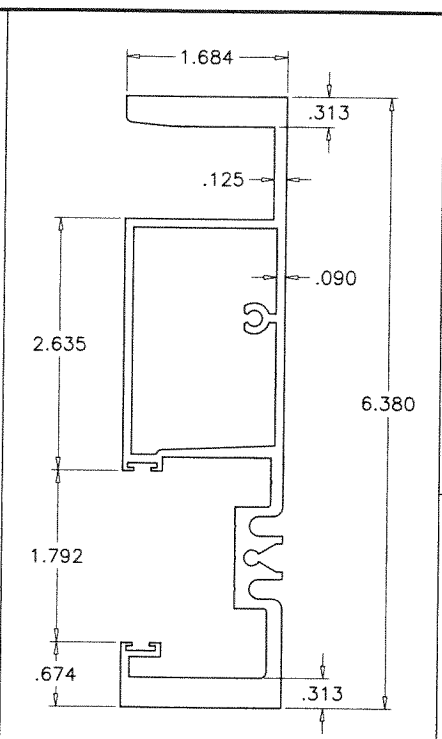
② FRAME SILL (2400ST-039)



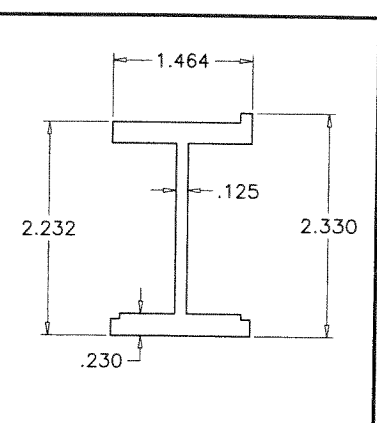
②A ALT. FRAME SILL (2400ST-082A)



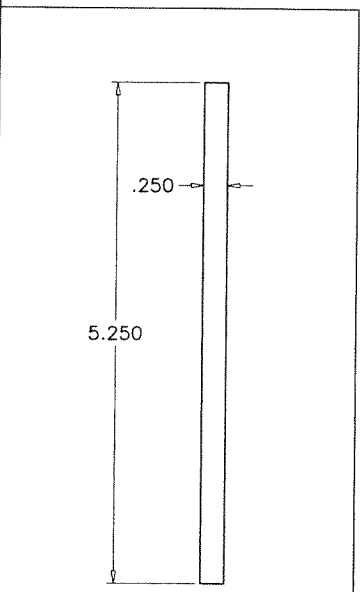
③⑦ FREE STANDING FRAME JAMB FIXED SIDE



③⑧ FREE STANDING FRAME JAMB OPERABLE SIDE

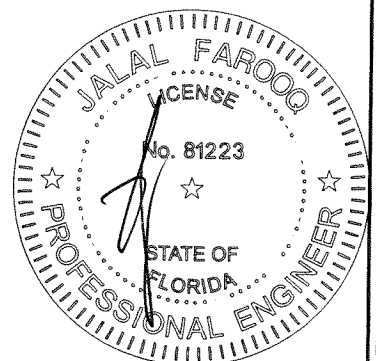


③⑨ JAMB STIFFENER



⑮ SILL TRACK PLATE

**PRODUCT REVISED**  
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 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control  
**APR 20 2026**



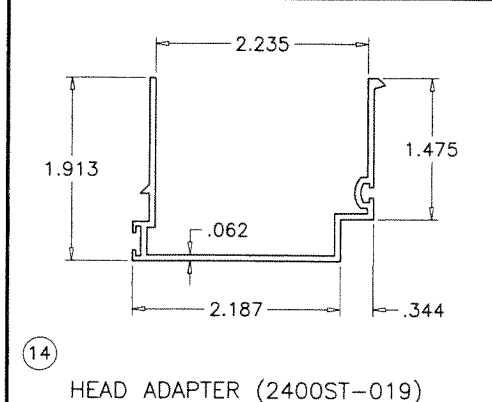
**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
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 COMP-ANL\W06-06-TCL

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
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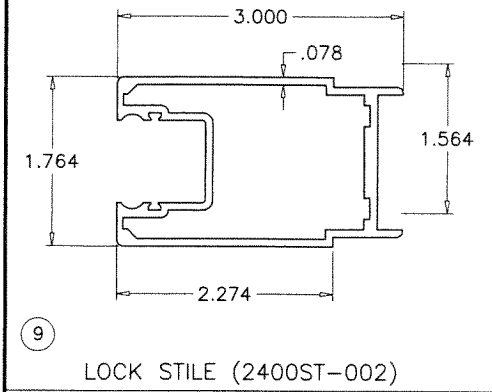
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 chk. by:

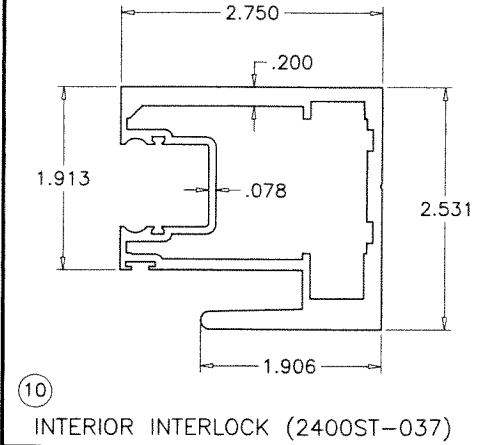
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 sheet **21** of **23**



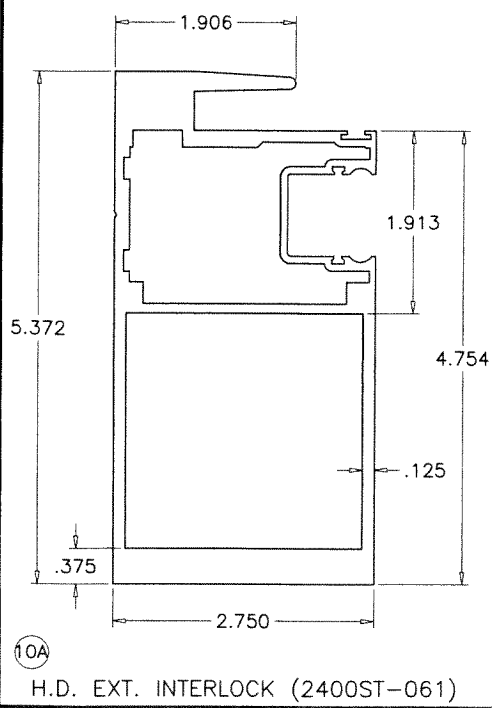
14 HEAD ADAPTER (2400ST-019)



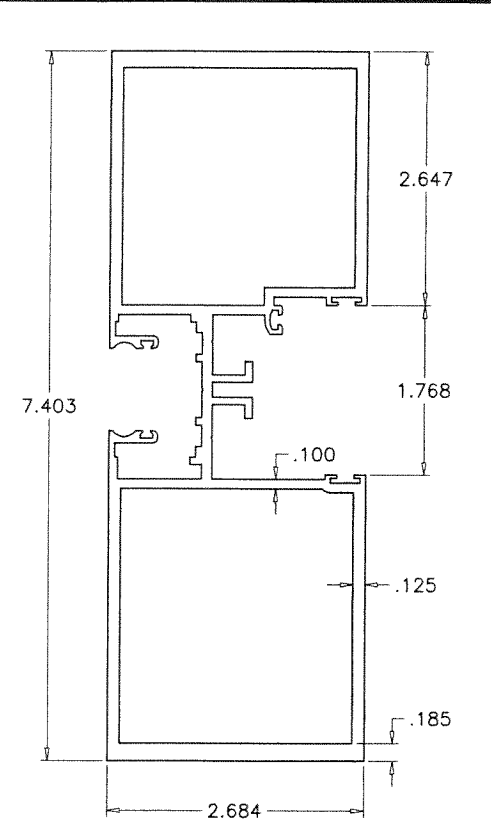
9 LOCK STILE (2400ST-002)



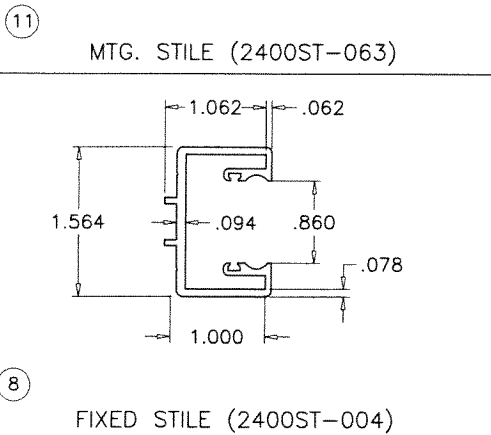
10 INTERIOR INTERLOCK (2400ST-037)



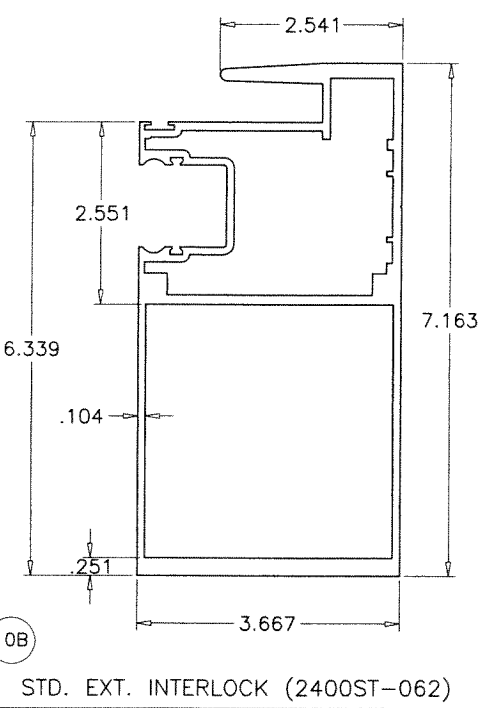
10A H.D. EXT. INTERLOCK (2400ST-061)



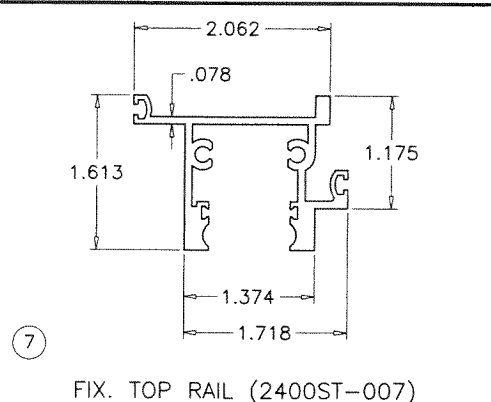
11 MTG. STILE (2400ST-063)



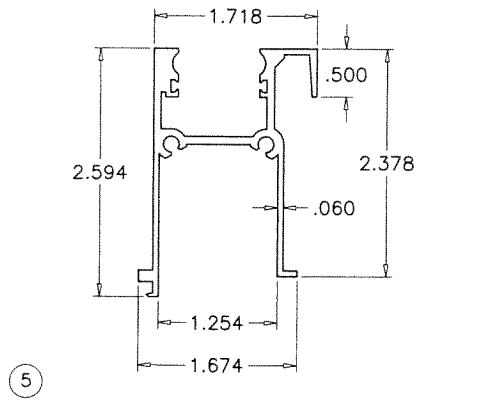
8 FIXED STILE (2400ST-004)



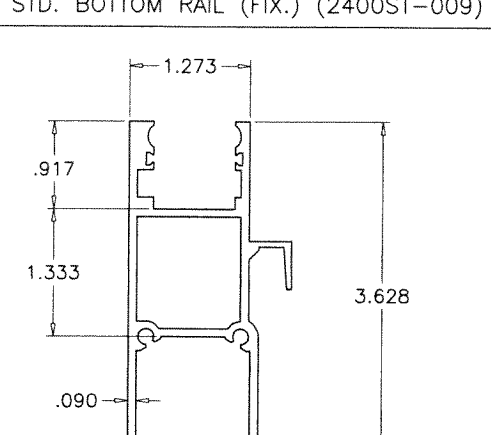
10B STD. EXT. INTERLOCK (2400ST-062)



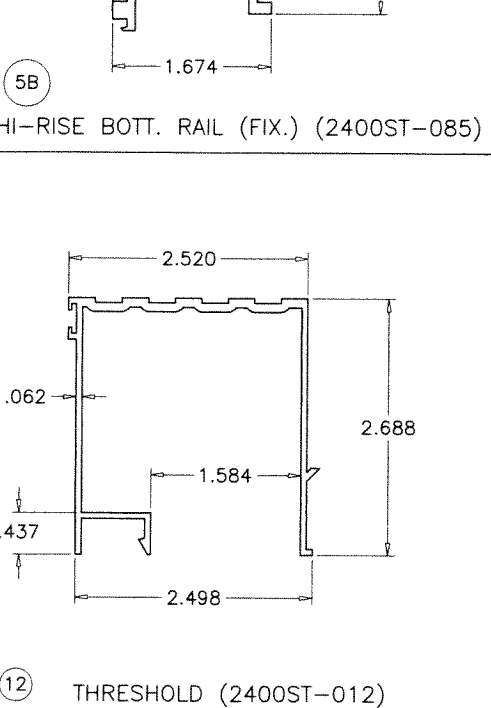
7 FIX. TOP RAIL (2400ST-007)



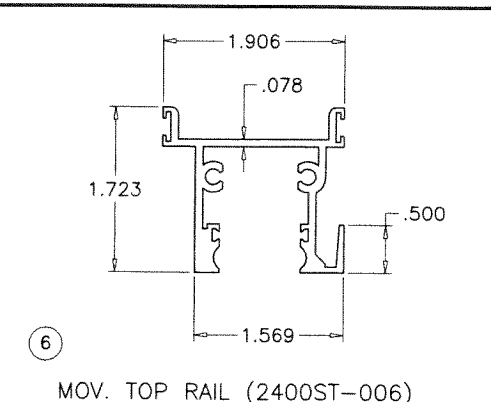
5 STD. BOTTOM RAIL (FIX.) (2400ST-009)



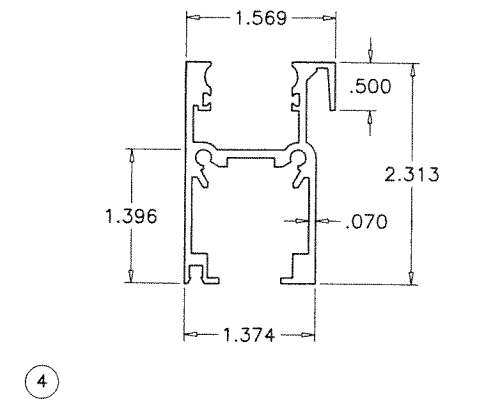
5B HI-RISE BOTT. RAIL (FIX.) (2400ST-085)



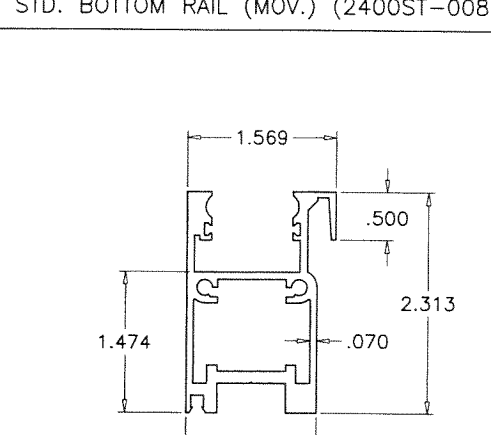
12 THRESHOLD (2400ST-012)



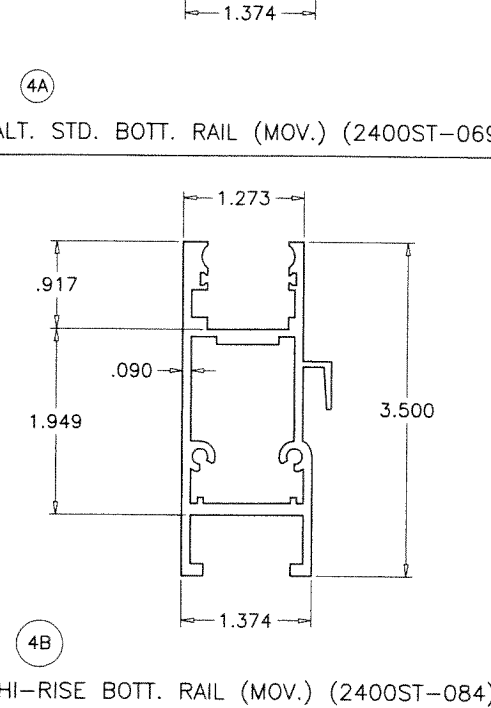
6 MOV. TOP RAIL (2400ST-006)



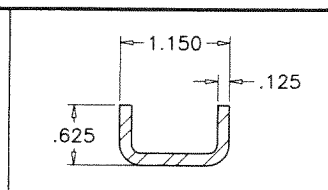
4 STD. BOTTOM RAIL (MOV.) (2400ST-008)



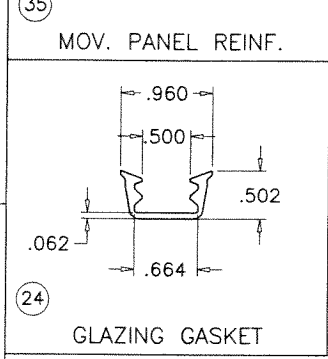
4A ALT. STD. BOTT. RAIL (MOV.) (2400ST-069)



4B HI-RISE BOTT. RAIL (MOV.) (2400ST-084)

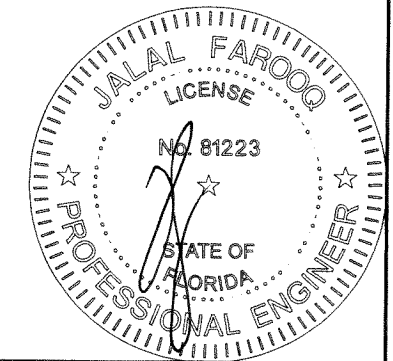


35 MOV. PANEL REINF.



24 GLAZING GASKET

**PRODUCT REVISED**  
 As complying with the Florida Building Code  
 NOA-No. **24-1202.02**  
 Expiration Date: **01/01/2028**  
 By: *Manuel Perez*  
 Miami-Dade Product Control



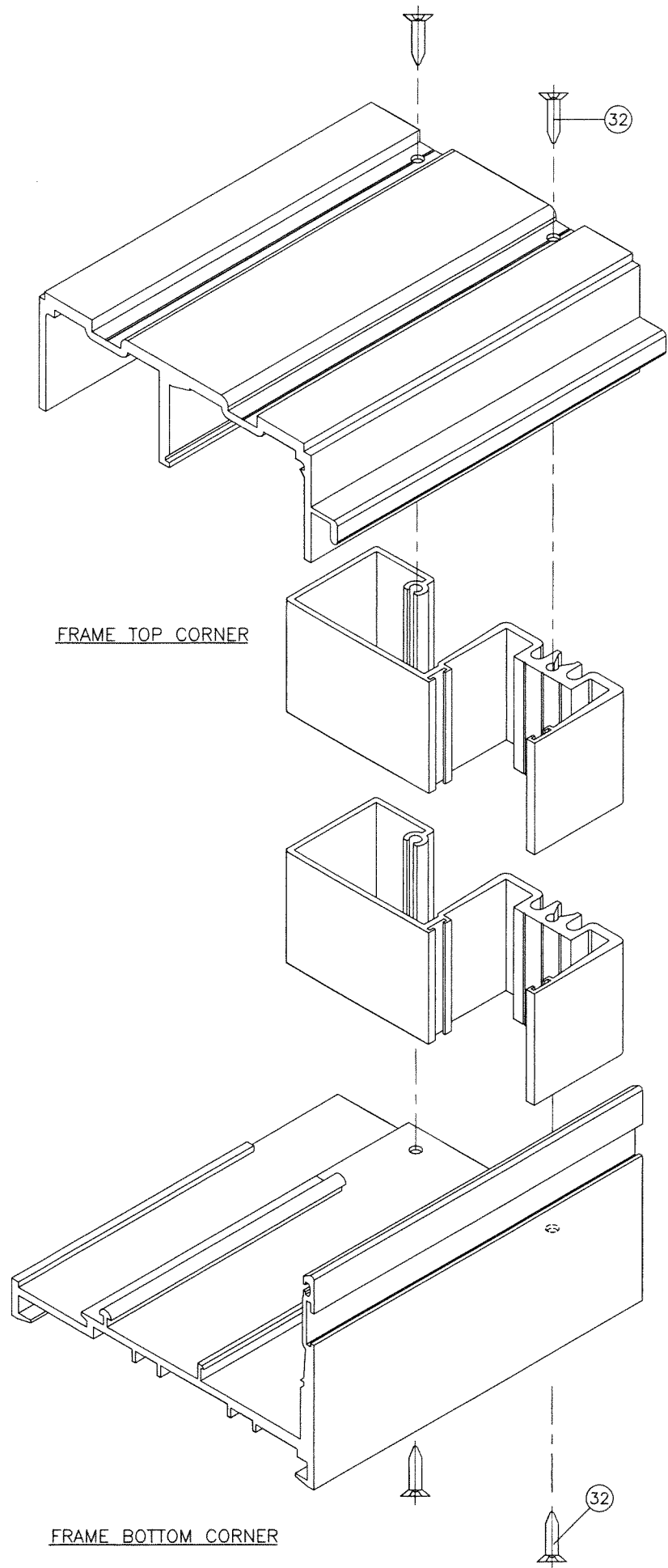
APR 20 2026

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL \ W06-06-TGL

SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)  
**TECNOGLASS, LLC**  
 3550 N.W. 49 STREET  
 MIAMI, FL. 33142  
 TEL. (305) 638-5151 FAX. (305) 638-5158

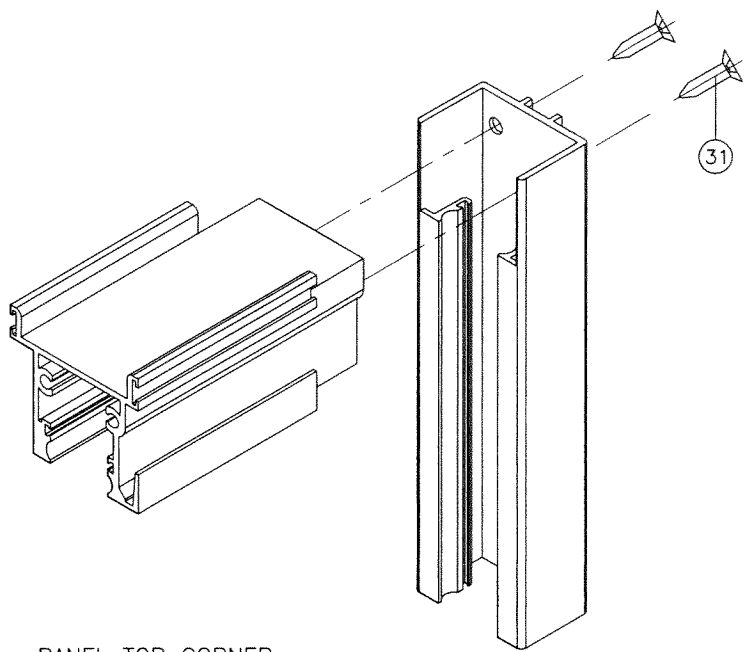
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M	10.10.24	NO CHANGE THIS SHEET

date: 01-31-06  
 scale: 1/2" = 1"  
 dr. by: TARIO  
 chk. by:  
 drawing no. **W06-06**  
 sheet **22** of **23**

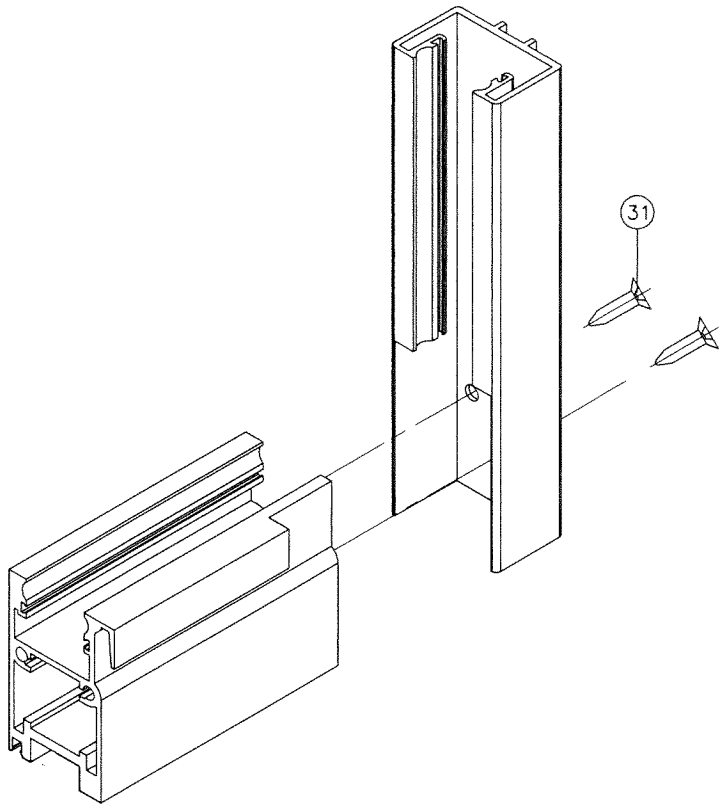


FRAME TOP CORNER

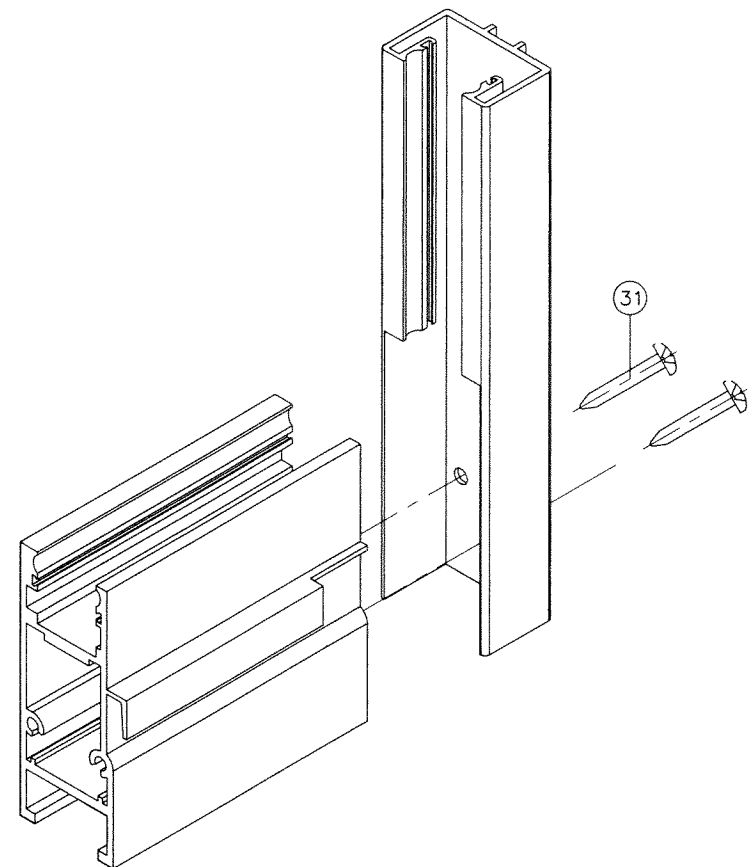
FRAME BOTTOM CORNER



PANEL TOP CORNER



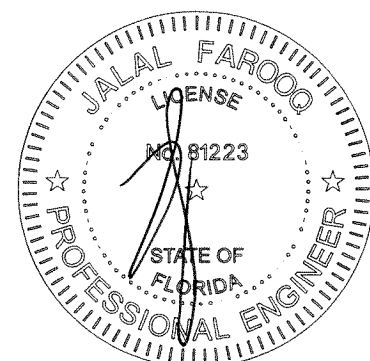
PANEL BOTTOM CORNER  
STD. BOTTOM RAIL



PANEL BOTTOM CORNER  
HI-RISE BOTTOM RAIL

**PRODUCT REVISED**  
 As complying with the Florida Building Code  
 NOA-No. **24-1202.02**  
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 By: *Manuel Torres*  
 Miami-Dade Product Control

APR 20 2026



**afc**  
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**W06-06**  
 sheet 23 of 23