



MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208

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

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

Tecnoglass, LLC
3550 N. W. 49th 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 Rev K**, titled “Series-DM12 Alum. Sld. Glass Door (S.M.I.)”, prepared by Al-Farooq Corporation, sheets 01 through 23 of 23, dated 01/31/06 and last revised on May 30, 2018, signed and sealed by Javad Ahmad, 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

1. See Design Pressure (**secured** jambs) VS glass, interlock reinforcements, head, sill or jamb anchors, in sheets **3** thru **7** (**4.1 & 6.1** inclusive) and Design Pressure (**free (un-secured)** jambs) in sheets **8** thru **10** (**8.1, 9.1 & 10.1** inclusive) & **19**. Lower capacity from glass or head, sill or jamb anchors shall control the entire system.
2. Max ½” shim perimeter spacing w/ load bearing shim and max ¾” shim only at free (un-secured) Jambs.
3. See sheet **13** for approved configurations. See elevation sheet **2** (secured jambs) and sheet **8** (free jambs)

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 & renews** NOA No. **12-0927.03 (RC Aluminum Industries)** and consists of this page 1, evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



NOA No. 16-1027.02
Expiration Date: January 01, 2023
Approval Date: July 26, 2018
Page 1

8
7/27/18

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections (Submitted under files referenced below)
2. Drawing No. **W06-06**, titled "Series-DM12 Alum. Sld. Glass Door (S.M.I.)", sheets 01 through 16 of 16, dated 01/31/06 with revision "G" dated 01/15/13, prepared by Al-Farooq Corporation, dated 01/25/13, signed and sealed by Javad Ahmad, P. E.

B. TESTS (Submitted under files #12-0927.03/#09-0812.10/# 07-1019.04)

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

Along with marked-up drawings and installation diagram of OXXO (free jamb) and OX aluminum sliding glass doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6775**, dated 03/13/12, signed and sealed by Marlin D. Brinson, P. E.

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

along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., 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**)

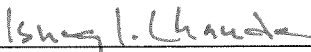
3. Additional tests ASTM E 2068-00 (operating force) and ASTM E 987-88 (Deglazing).

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared by Al Farooq Corporation, dated 07/12/12, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-02, 04.

D. QUALITY ASSURANCE

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


Ishaq I. Chanda, P. E.
Product Control Examiner
NOA No. 16-1027.02
Expiration Date: January 01, 2023
Approval Date: July 26, 2018

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their **“DuPont Butacite® PVB Interlayer”** dated 09/08/11, expiring on 12/11/16.
2. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their **“DuPont SentryGlas® Interlayer”** dated 08/25/11, expiring on 01/14/17.

F. STATEMENTS

1. Statement letter of conformance with **FBC-2010** and “No financial interest”, prepared by Al Farooq Corporation, dated 07/12/12, signed and sealed by Javad Ahmad, P.E.
2. Statement of lab compliance, part of the above test reports,

G. OTHERS

1. This NOA **revises NOA No. 09-0812.10**, expiring 09/31/13.
2. Test Proposal No. **05-0265**, dated 09/22/05, issued by BCCO, signed by Ishaq Chanda, P. E., test proposal No. **05-0281** dated 10/12/05, issued by BCCO, signed by Manuel Perez, P. E. and test proposal, dated 09/30/11, signed by Jaime D. Gascon, P.E.
3. Notice of Acceptance No. **09-0812.10**, issued to R. C. Aluminum Industries, Inc. for their Series **“2450ST Aluminum Sliding Glass Door – S. M. I.”**, approved on 05/12/11 and expiring on 09/31/13.

2. New Evidence submitted.

A. DRAWINGS

1. Drawing No. **W06-06 Rev K**, titled “Series-DM12 Alum. Sld. Glass Door (S.M.I.)”, prepared by Al-Farooq Corporation, sheets 01 through 23 of 23, dated 01/31/06 and last revised on May 30, 2018, signed and sealed by Javad Ahmad, P. E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations complying with FBC2017 (6th Edition), prepared by Al Farooq Corporation, dated JUL 25, 2016, OCT 12, 2017 and last revised on APR 27, 2018, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the **“Sentry Glass ® Interlayer”**, expiring on 07/4/23.
2. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. (former E.I. DuPont De Nemours & Co., Inc.) for the **“Trofossil ® ultra clear, clear & color PVB glass Interlayer”**, expiring on 07/4/19.

Ishaq I. Chanda, P. E.
Product Control Examiner
NOA No. 16-1027.02
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

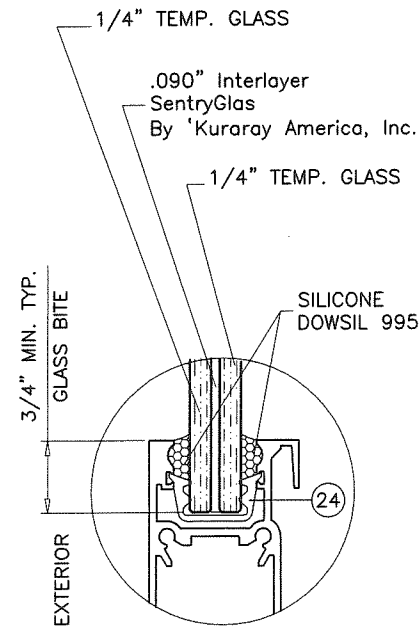
1. Statement letter of conformance to **FBC 6th Edition (2017)** and of no financial interest, prepared by Al Farooq Corporation, dated 09/20/17, signed and sealed by Javad Ahmad, P.E.
2. Distribution agreement dated 02/17/17 between Energia Solar, SA, Columbia and Tecnoglass, LLC (USA), signed by MS. Carla Garcia, Int'l Sales Manager and MS. Evelyn Daes, General Manager on behalf of their respective companies.
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.
4. Statement letter dated 07/15/14, issued by R.C. Aluminum Industries, Inc. of sales of asset and relinquishing of all rights of NOA No. **12-0917.02**, signed by Raul Casares, for and on behalf of R.C. Aluminum Industries, Inc.
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.
6. Statement of lab compliance, part of the above test reports

G. OTHER

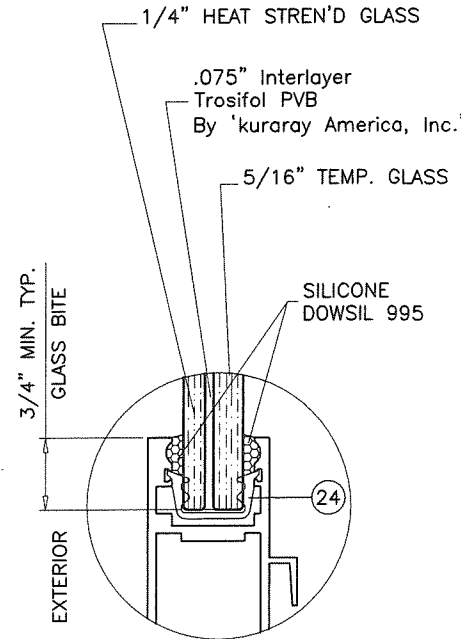
1. This NOA **revises & renews NOA # 12-0917.03**, expiring 01/01/2023.



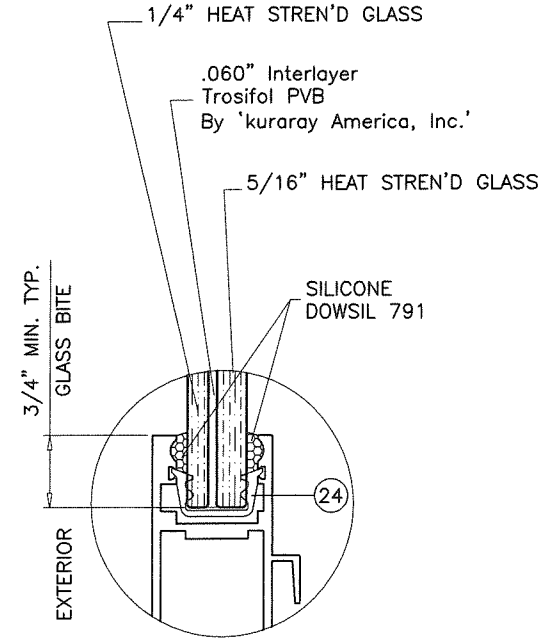
Ishaq I. Chanda, P. E.
Product Control Examiner
NOA No. 16-1027.02
Expiration Date: January 01, 2023
Approval Date: July 26, 2018



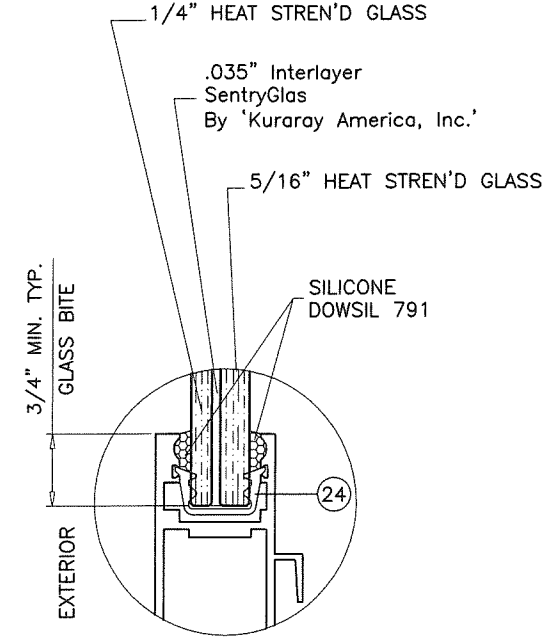
GLASS TYPE 'A'



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 2017 (6TH 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 2017 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.

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.

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Acceptance No. 16-1027.02
Expiration Date JAN 01, 2023
J. Shag J. Chandra
Product Control

LAMINATED GLASS
SMALL MISSILE IMPACT



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

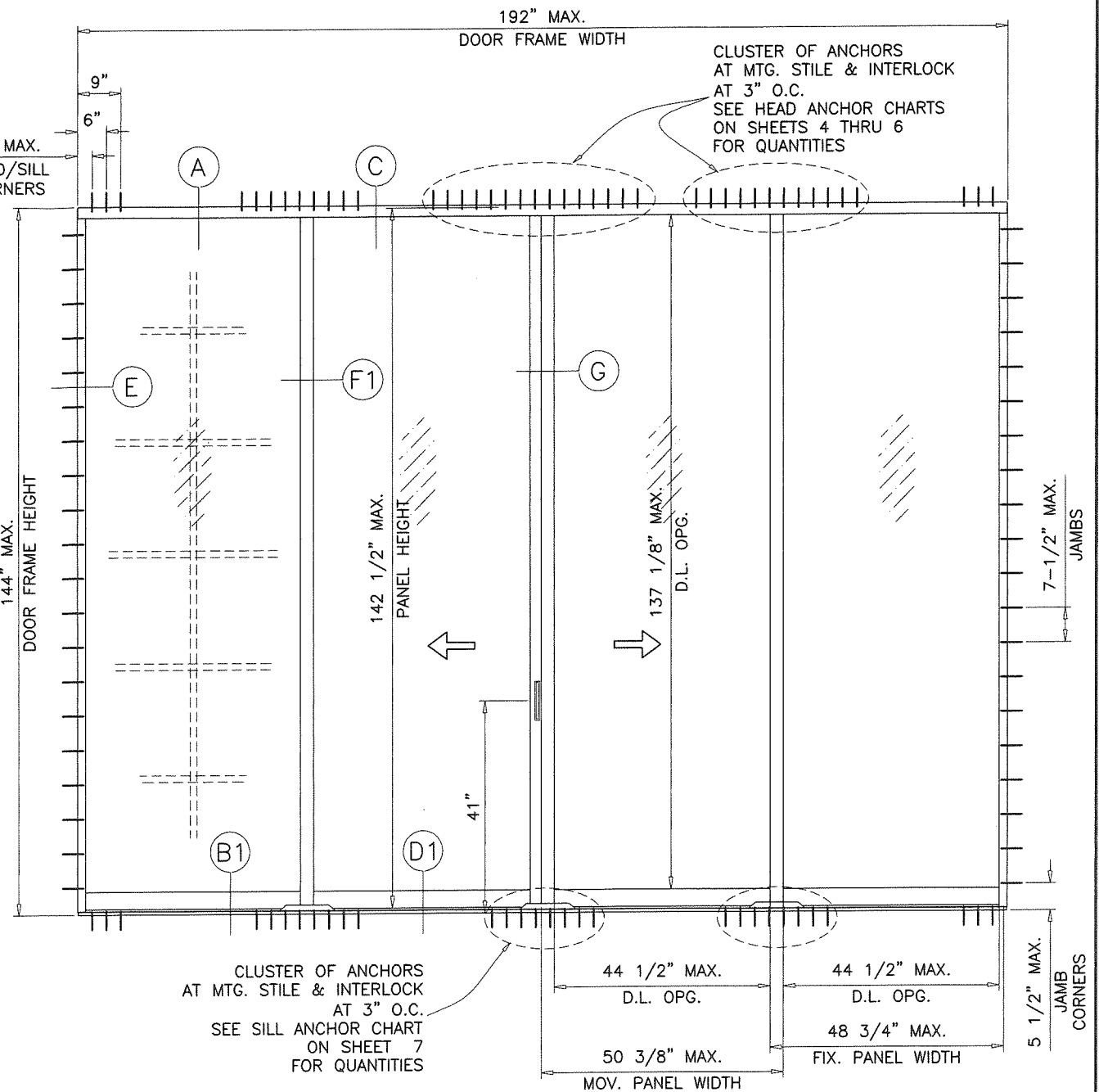
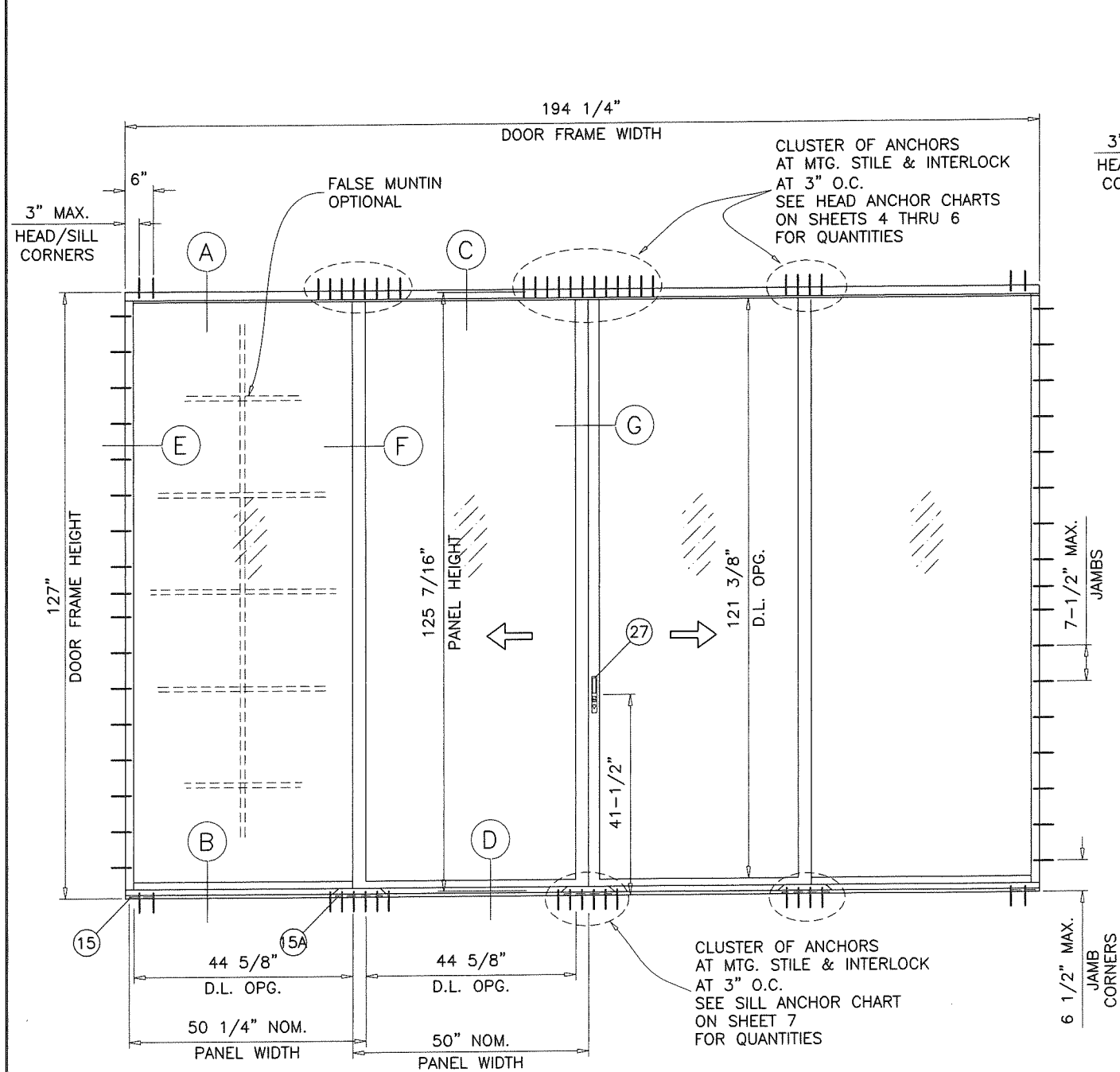
revisions:	no.	date	description
	G	01.15.13	REV. PER RER COMMENTS
	H	07.06.16	GENERAL REVISION
	I	05.01.17	REV. PER RER COMMENTS
	J	04.24.18	REV. PER RER COMMENTS
	K	05.29.18	NO CHANGE THIS SHEET

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

drawing no.
W06-06

sheet 1 of 23

COMP-ANL\W06-06RC

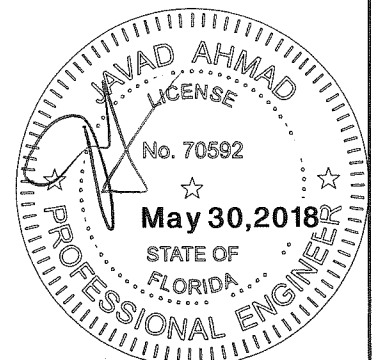


TYPICAL ELEVATIONS (ANCHORED JAMBS)
TESTED UNITS (OXXO)
4 PANELS OR LESS

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

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 16-1027-02
Expiration Date 11/1/23
E. Sherry L. Chandra
Product Control

SGD WITH ANCHORED JAMBS



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

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) 262-8978
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:		description
no	date	by
G	01.15.13	REV. PER RER COMMENTS
H	07.08.16	GENERAL REVISION
I	05.01.17	REV. PER RER COMMENTS
J	04.24.18	NO CHANGE THIS SHEET
K	05.29.18	NO CHANGE THIS SHEET
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 (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
54		78.9	118.3	138.9	138.9	58.0	87.1	116.1	138.9	138.9	45.7	68.6	91.4	114.2	137.1
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
54		74.2	111.4	134.9	134.9	54.6	81.9	109.2	136.5	134.9	43.0	64.5	86.0	107.5	129.0
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
54		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
60		63.1	94.7	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	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
54		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
60		59.8	89.7	119.6	125.0	44.0	66.0	88.0	109.9	125.0	34.6	52.0	69.3	86.6	103.9
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
54		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
Acceptance No. 16-1027-02
Expiration Date 1/1/23
J. L. Lander
Product Control



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

revisions:
no. date by description
G 01.15.13 NO CHANGE THIS SHEET
H 07.08.16 GENERAL REVISION
I 05.01.17 REV. PER RER COMMENTS
J 04.24.18 REV. PER RER COMMENTS
K 05.29.18 REV. PER RER COMMENTS

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

drawing no.
W06-06
sheet 4 of 23

a f c

COMP-ANL\W06-06RC

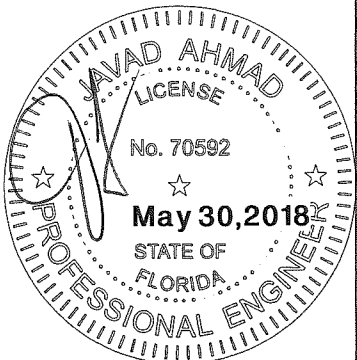
DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)															
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'A'													
		1/4" MAX. SHIM SPACE				3/8" MAX. SHIM SPACE				1/2" MAX. SHIM SPACE					
		4 ANCHORS AT MTG. STYLE ENDS	6 ANCHORS AT MTG. STYLE ENDS	8 ANCHORS AT MTG. STYLE ENDS	10 ANCHORS AT MTG. STYLE ENDS	4 ANCHORS AT MTG. STYLE ENDS	6 ANCHORS AT MTG. STYLE ENDS	8 ANCHORS AT MTG. STYLE ENDS	10 ANCHORS AT MTG. STYLE ENDS	12 ANCHORS AT MTG. STYLE ENDS	4 ANCHORS AT MTG. STYLE ENDS	6 ANCHORS AT MTG. STYLE ENDS	8 ANCHORS AT MTG. STYLE ENDS	10 ANCHORS AT MTG. STYLE ENDS	12 ANCHORS AT MTG. STYLE 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
Acceptance No. 16-1027-02
Expiration Date 11/1/23
Khang J. Chandra
Product Control



af c

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

revisions:
no. date by description
G 01.15.13 NO CHANGE THIS SHEET
H 07.08.16 GENERAL REVISION
I 05.01.17 REV. PER RER COMMENTS
J 04.24.18 REV. PER RER COMMENTS
K 05.29.18 REV. PER RER COMMENTS

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	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
39		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
42		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
44		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
44-1/4		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
48		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
48-9/16		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
54		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
60	102	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		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
39		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
42		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
44		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
44-1/4		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
48		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
48-9/16		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
54	108	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
60		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		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
39		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
42		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
44		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
44-1/4		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
48		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
48-9/16	114	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
54		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
60		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		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
39		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
42		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
44		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
44-1/4		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
48	117-3/4	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
48-9/16		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
54		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
60		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		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
39		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
42		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
44		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
44-1/4	117-3/4	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
48		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
48-9/16		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
54		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

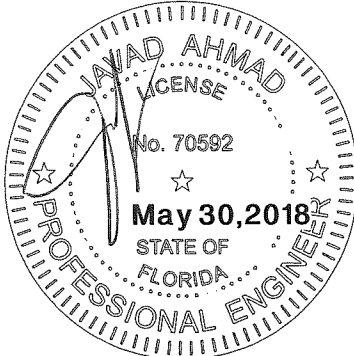
CHART CONTINUES ON NEXT SHEET

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
 Acceptance No. 16-1027-02
 Expiration Date 1/1/23
 By: [Signature]
 Title: Back Product Control



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

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
G	01.15.13	NO CHANGE THIS SHEET
H	07.08.16	GENERAL REVISION
I	05.01.17	REV. PER RER COMMENTS
J	04.24.18	REV. PER RER COMMENTS
K	05.29.18	REV. PER RER COMMENTS

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

drawing no.
W06-06
 sheet 5 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				
		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	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	126	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		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	127	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		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	132	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		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	138	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		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	144	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		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
Acceptance No. 16-1027-02
Expiration Date 11/12/23
Javad Ahmad
Senior Product Control



afcc

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

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revisions:	no.	date	by	description
	G	01.15.13		NO CHANGE THIS SHEET
	H	07.08.16		GENERAL REVISION
	I	05.01.17		REV. PER RER COMMENTS
	J	04.24.18		REV. PER RER COMMENTS
	K	05.29.18		REV. PER RER COMMENTS
date:	01-31-06			
scale:	1/2" = 1"			
dr. by:	TARIQ			
chk. by:				
drawing no.	W06-06			
sheet	5.1 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	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	102	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		156.5	170.0	170.0	116.5	170.0	170.0	170.0	170.0	92.9	139.3	170.0	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	108	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		147.9	170.0	170.0	110.1	165.2	170.0	170.0	170.0	87.7	131.6	170.0	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	114	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		140.1	170.0	170.0	104.3	156.5	170.0	170.0	170.0	83.1	124.6	166.2	170.0	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	117-3/4	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		135.6	170.0	170.0	101.0	151.5	170.0	170.0	170.0	80.4	120.7	160.9	170.0	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	117-3/4	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

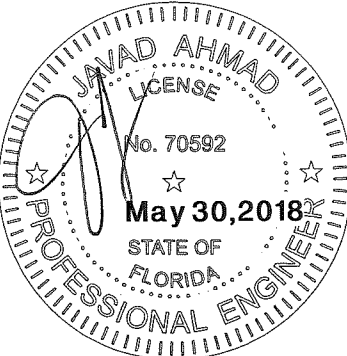
CHART CONTINUES ON NEXT SHEET

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
Acceptance No. 16-102702
Expiration Date 1/1/23
E. Ismail / State/Product Control



afcc

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

MIAMI, FLORIDA 33173

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FAX. (305) 262-6978

COMP - ANL\W06-06RC

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revisions:		description	
no	date	by	
G	01.15.13		NO CHANGE THIS SHEET
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date:	01-31-06		
scale:	1/2" = 1"		
dr. by:	TARIQ		
chk. by:			
drawing no.	W06-06		
sheet	6 of 23		

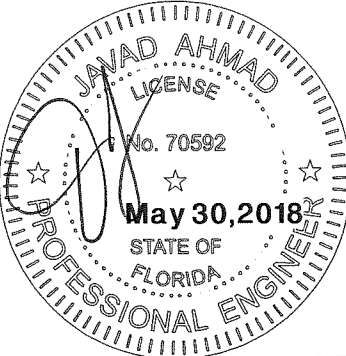
DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)														
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'C'												
		1/4" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE					1/2" MAX. SHIM SPACE				
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	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. (-)
36	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
39		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
42		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
44		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
44-1/4		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
48		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
48-9/16		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
54		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	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
39		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
42		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
44		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
44-1/4		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
48		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
48-9/16		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
54		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	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
39		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
42		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
44		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
44-1/4		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
48		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
48-9/16		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
54		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	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
39		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
42		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
44		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
44-1/4		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
48-9/16		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
36	138	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
39		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
42		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
44		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
44-1/4		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
48-9/16		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
36	144	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
39		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
42		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
44		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
44-1/4		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
48		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 REVIEWED
as complying with the Florida
Building Code
Acceptance No 16-1027-02
Expiration Date 11/1/23
by: [Signature]
for: [Signature] Product Control



af c

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

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 by description
G 01.15.13 NO CHANGE THIS SHEET
H 07.08.16 GENERAL REVISION
I 05.01.17 REV. PER RER COMMENTS
J 04.24.18 REV. PER RER COMMENTS
K 05.29.18 REV. PER RER COMMENTS

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

drawing no.
W06-06
sheet 6.1 of 23

COMP-ANL\W06-06RC

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

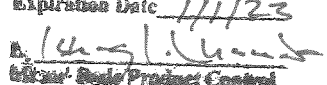
DESIGN LOAD CAPACITY - PSF (SILL ANCHORS)

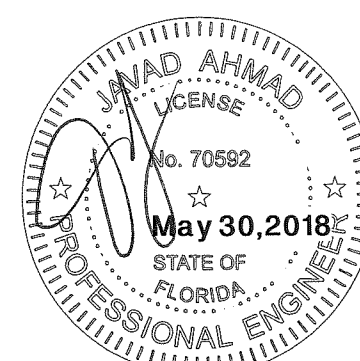
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'D'				
		1/4" MAX. SHIM SPACE				
		4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
36	120-5/8	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
Acceptance No 16-1027-02
Expiration Date 1/1/23

Javad Ahmad Product Control



revisions:
no date by description
G 01.15.13 NO CHANGE THIS SHEET
H 07.08.16 GENERAL REVISION
I 05.01.17 REV. PER RER COMMENTS
J 04.24.18 REV. PER RER COMMENTS
K 05.29.18 REV. PER RER COMMENTS

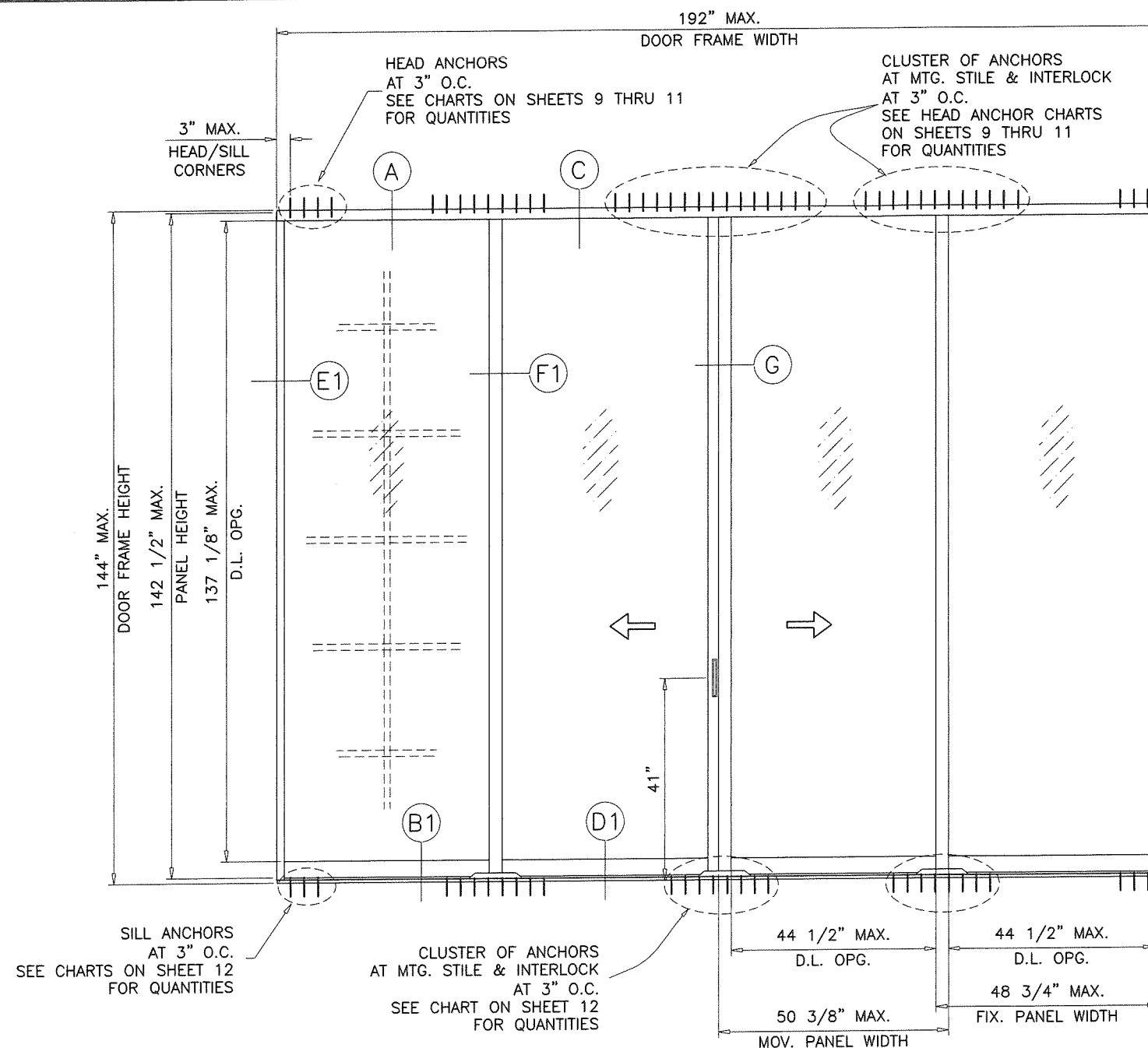
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scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W06-06
sheet 7 of 23

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

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

COMP-ANL\W06-06RC



TYPICAL ELEVATION (FREE STANDING JAMBS)
TESTED UNIT (OXXO)
4 PANELS OR LESS

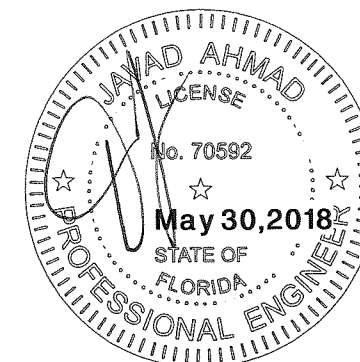
SEE CHART AT SHEET 8.1 FOR DOOR CAPACITY
SEE SHEETS 9 THRU 12 FOR HEAD/SILL ANCHOR CAPACITY
LOWER VALUE FROM CHARTS WILL APPLY
SEE SHEET 19 FOR MIN./MAX. JAMB GAPS

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 REVIEWED
as complying with the Florida
Building Code
Acceptance No. 16-1027-02
Expiration Date 1/1/23
A. Shingl. Control
Minor Steel Product Control



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	by	description
		G	01.15.13		NO CHANGE THIS SHEET
		H	07.08.16		GENERAL REVISION
		I	05.01.17		REV. PER RER COMMENTS
		J	04.24.18		REV. PER RER COMMENTS
		K	05.29.18		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

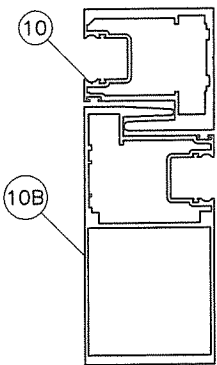
DESIGN LOAD CAPACITY - PSF (GLASS) DOORS WITH FREE STANDING JAMBS							
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	STD. EXTERIOR INTERLOCK					
		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS 'C' & 'D'	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
30	96	120.0	125.0	125.0	125.0	125.0	125.0
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
60		-	-	-	-	100.0	100.0
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
60		-	-	-	-	100.0	100.0

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	144	-	-	-	-	123.0	123.0
44-1/4		-	-	-	-	123.0	123.0
48		-	-	-	-	112.8	112.8
44	144	-	-	-	-	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

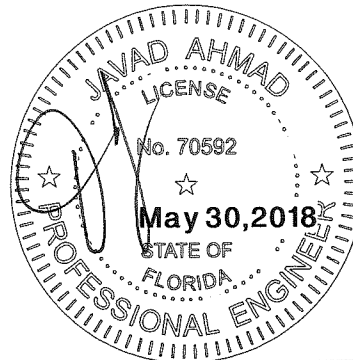


STD. EXT. INTERLOCK

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-1027-02
Expiration Date 1/1/23
By: Ismael I. Chirino
Product Control

SGD WITH FREE STANDING JAMBS



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 262-8100 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

revisions:		no		date		by		description	
J 04.24.18		K 05.29.18						REV. PER RER COMMENTS	
								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	

COMP-ANL\W06-06RC

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. (-)
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

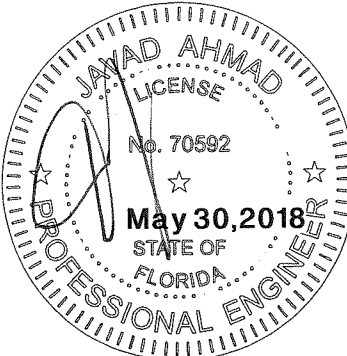
CHART CONTINUES ON NEXT SHEET

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 REVISION
as complying with the Florida
Building Code
Acceptance No. 16-1027-02
Expiration Date 11/1/23
Jihad Ahmad
Product Control



af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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	by	description
G	01.15.13		NO CHANGE THIS SHEET
H	07.08.16		GENERAL REVISION
I	05.01.17		REV. PER RER COMMENTS
J	04.24.18		REV. PER RER COMMENTS
K	05.29.18		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

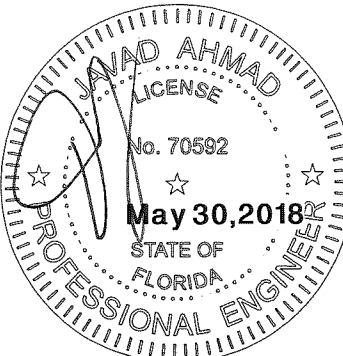
DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)															
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'A'													
		1/4" MAX. SHIM SPACE				3/8" MAX. SHIM SPACE				1/2" MAX. SHIM SPACE					
		2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. 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. (-)	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	126	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		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	127	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		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	132	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		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	138	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		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	144	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		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 REVIEWED
 as complying with the Florida
 Building Code
 Acceptance No. 16-1027-02
 Expiration Date 1/1/23
 A. [Signature]
 Mr. [Signature] Product Control



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

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	
date:	01-31-06	no.	G	01.15.13	NO CHANGE THIS SHEET
scale:	1/2" = 1"	no.	H	07.08.16	GENERAL REVISION
dr. by:	TARIQ	no.	I	05.01.17	REV. PER RER COMMENTS
chk. by:		no.	J	04.24.18	REV. PER RER COMMENTS
		no.	K	05.29.18	NO CHANGE THIS SHEET
drawing no.		W06-06			
sheet 9.1 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	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	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	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	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	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

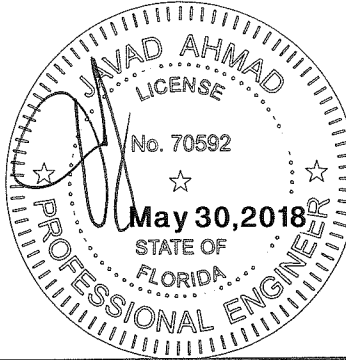
CHART CONTINUES ON NEXT SHEET

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 REVIEWED
in compliance with the Florida
Building Code
Acceptance No. 16-1027-02
Expiration Date 7/1/23
Javad Ahmad
Senior Product Control



afC
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

revisions:		no		date		description	
G		01.15.13		NO CHANGE THIS SHEET			
H		07.08.16		GENERAL REVISION			
I		05.01.17		REV. PER RER COMMENTS			
J		04.24.18		REV. PER RER COMMENTS			
K		05.29.18		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	126	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		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	127	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		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	132	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		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	138	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
30		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	144	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
30		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

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 REVIEWED
as complying with the Florida
Building Code
Acceptance No. 16-1027-02
Expiration Date 1/1/23
Ishag I. Chande
Director, Product Control



afC

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

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
G	01.15.13	NO CHANGE THIS SHEET
H	07.08.16	GENERAL REVISION
I	05.01.17	REV. PER RER COMMENTS
J	04.24.18	REV. PER RER COMMENTS
K	05.29.18	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. (-)	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

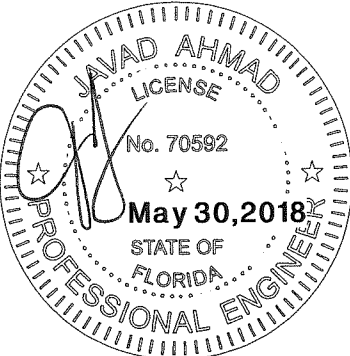
CHART CONTINUES ON NEXT SHEET

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 REVIEWED
 as complying with the Florida
 Building Code
 Acceptance No. 16-1027-02
 Expiration Date 1/1/23
 by: [Signature]
 for: [Signature]



AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 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	by	description
	G	01.15.13		NO CHANGE THIS SHEET
	H	07.08.16		GENERAL REVISION
	I	05.01.17		REV. PER RER COMMENTS
	J	04.24.18		REV. PER RER COMMENTS
	K	05.29.18		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

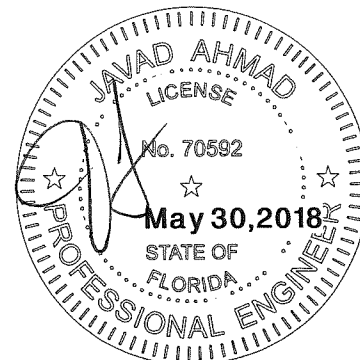
DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)													
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	ANCHORS TYPE 'C'											
		1/4" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE			1/2" MAX. SHIM SPACE					
		2 ANCHORS AT FREE STAND. JAMB	3 ANCHORS AT FREE STAND. JAMB	4 ANCHORS AT FREE STAND. JAMB	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. (-)	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
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
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
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
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
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
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
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
54	126	88.3	111.1	111.1	65.7	98.6	111.1	111.1	52.3	78.5	104.7	111.1	111.1
30		125.0	125.0	125.0	113.2	125.0	125.0	125.0	90.2	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
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
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
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
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
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
48-9/16	127	93.9	125.0	125.0	69.9	105.0	125.0	125.0	55.7	83.6	111.5	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
30		125.0	125.0	125.0	112.3	125.0	125.0	125.0	89.5	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
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
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
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
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
48	132	94.3	125.0	125.0	70.2	105.4	125.0	125.0	55.9	83.9	111.9	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
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
30		125.0	125.0	125.0	108.1	125.0	125.0	125.0	86.1	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
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
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
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
44-1/4	138	98.7	125.0	125.0	73.5	110.3	125.0	125.0	58.5	87.8	117.1	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
30		125.0	125.0	125.0	103.4	125.0	125.0	125.0	82.4	123.5	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
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
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
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
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
48	144	86.8	123.6	123.6	64.6	97.0	123.6	123.6	51.5	77.2	103.0	123.6	123.6
30		125.0	125.0	125.0	99.1	125.0	125.0	125.0	78.9	118.4	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
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
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
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
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
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

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 REVIEWED
 as complying with the Florida
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 Acceptance No. 16-1027-02
 Expiration Date 1/1/23
 E. Shing J. L. L. L.
 Title: Product Control



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

revisions:	no	date	by	description
	G	01.15.13		NO CHANGE THIS SHEET
	H	07.08.16		GENERAL REVISION
	I	05.01.17		REV. PER RER COMMENTS
	J	04.24.18		REV. PER RER COMMENTS
	K	05.29.18		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

COMP-ANL\W06-06RC

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	102	89.3	125.0	125.0
60		80.4	100.0	100.0
30		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	108	93.5	125.0	125.0
54		84.1	125.0	125.0
60		75.7	100.0	100.0
30		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	114	88.3	125.0	125.0
54		79.4	119.1	125.0
60		71.5	100.0	100.0
30		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	117-3/4	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		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	117-3/4	89.4	125.0	125.0
44-1/4		89.1	125.0	125.0
48		81.9	122.9	125.0
48-9/16		81.0	121.5	125.0
54	117-3/4	72.8	109.2	111.1

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	126	71.1	106.6	111.1
30		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	127	75.7	113.5	125.0
54		68.1	102.1	111.1
30		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	132	76.0	114.0	125.0
48-9/16		75.1	112.6	125.0
54		67.5	101.3	111.1
30		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	138	79.5	119.3	125.0
48		73.1	109.6	123.6
30		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	144	69.9	104.9	123.6
30		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
 Acceptance No. 16-1027-02
 Expiration Date 11/1/23
 A. Ishag I. Alkhatib
 for the Product Control



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

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	J	04.24.18	REV. PER RER COMMENTS
	K	05.29.18	NO CHANGE THIS SHEET

date: 01-31-06

scale: 1/2" = 1"

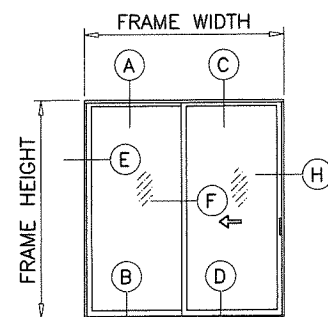
dr. by: TARIQ

chk. by:

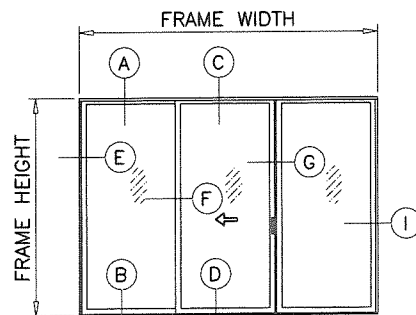
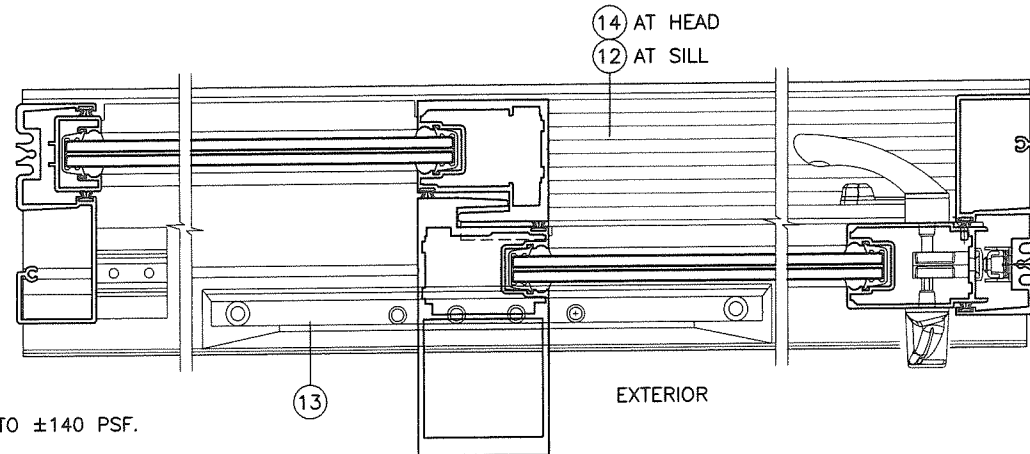
drawing no. **W06-06**

sheet 12 of 23

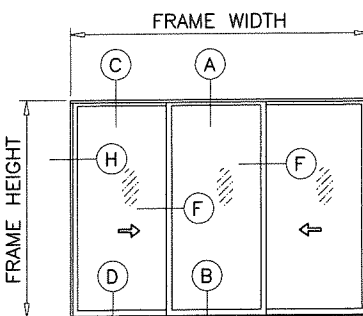
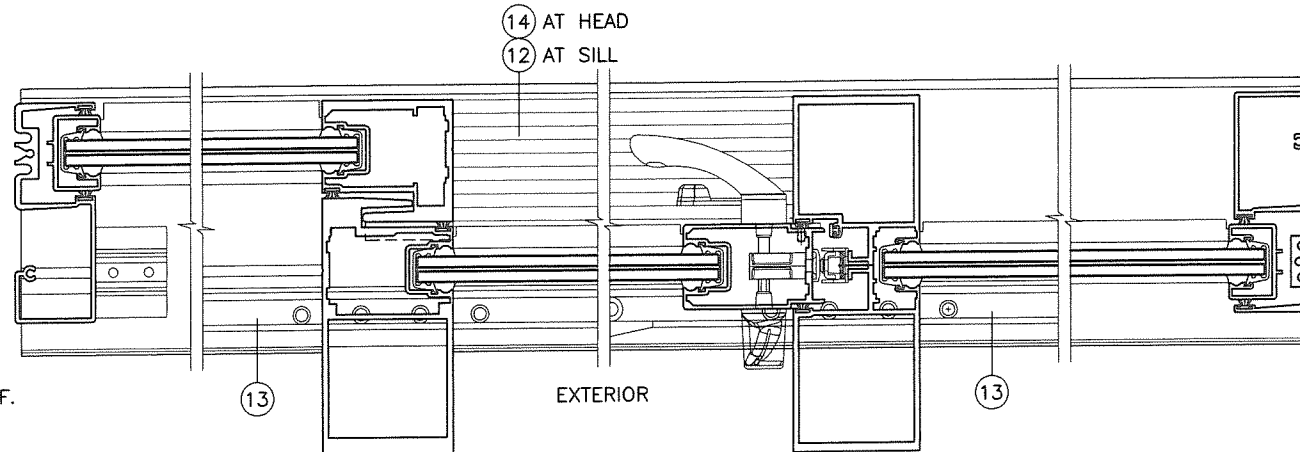
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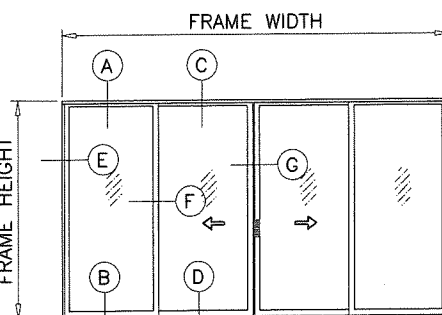
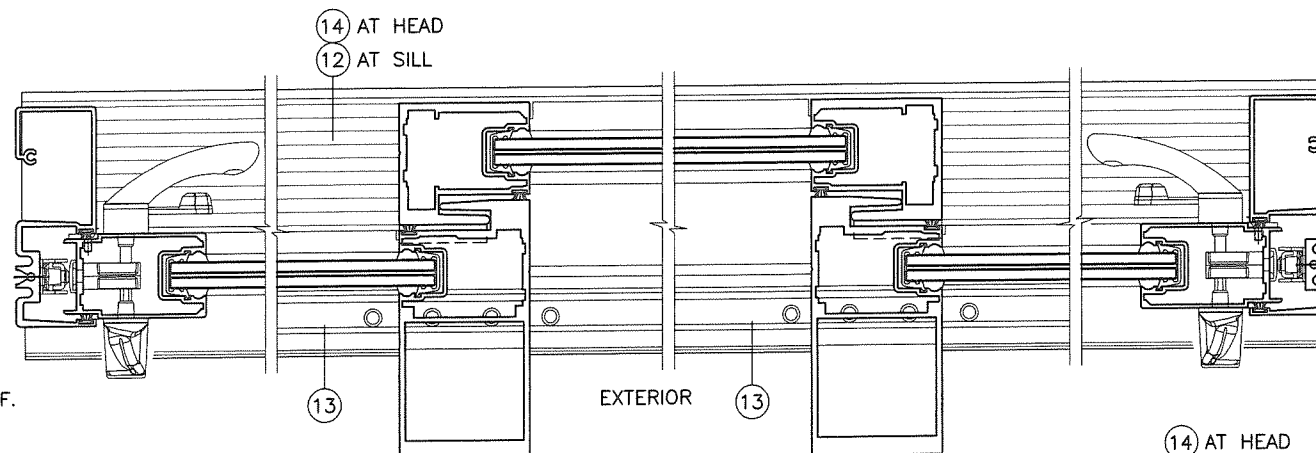
OX (SHOWN)
XO
LIMIT MAX. DESIGN LOADS TO ± 140 PSF.



OXO
LIMIT MAX. DESIGN LOADS TO ± 140 PSF.



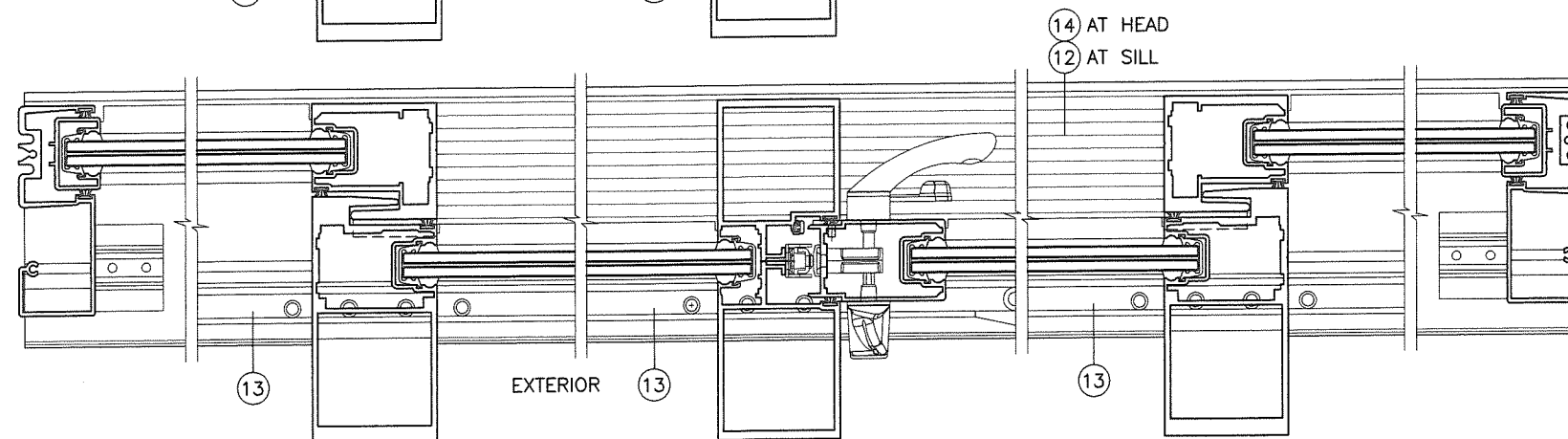
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LIMIT MAX. DESIGN LOADS TO ± 140 PSF.



OXO

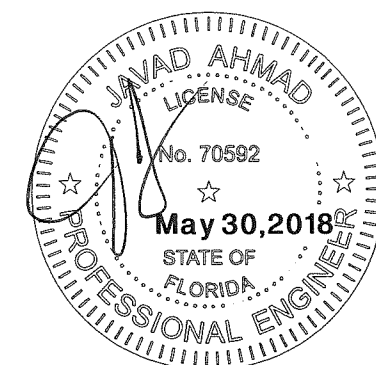
APPROVED CONFIGURATIONS

SEE APPLICABLE ELEVATIONS AND MAX. SIZE
SHEET 3 (ANCHORED JAMB UNIT)
SHEET 8.1 (FREE JAMB UNIT)



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

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 16-1027-02
Expiration Date 1/1/23
By: [Signature]
Title: State Product Control



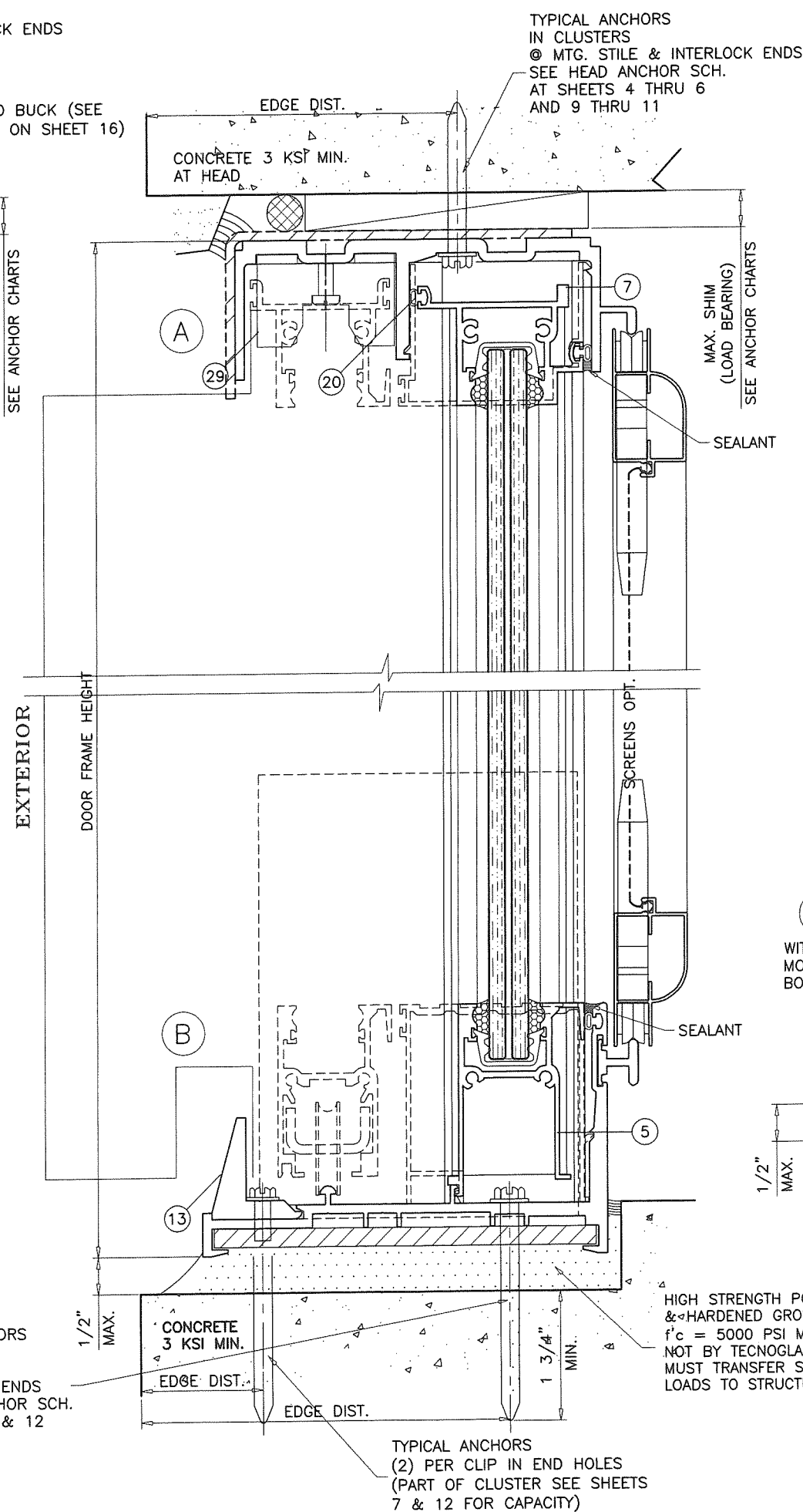
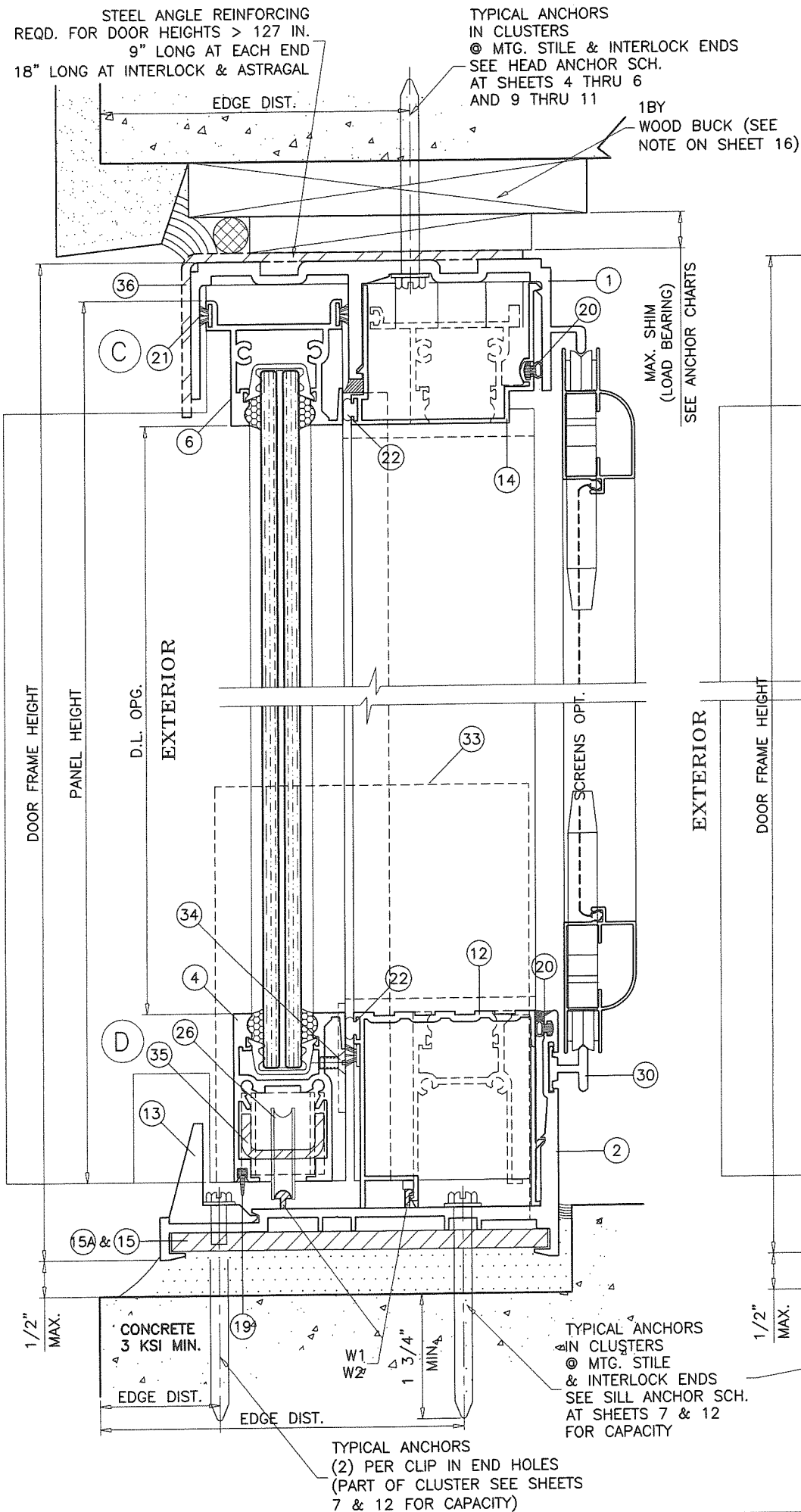
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-6100 FAX. (305) 262-6978
(C.A.N. 3538)

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

date: 01-31-06		revisions:			
drawing no. W06-06		no	date	by	description
		G	01.15.13		REV. PER COMMENTS
		H	07.08.16		GENERAL REVISION
		I	05.01.17		REV. PER COMMENTS
		J	04.24.18		REV. PER COMMENTS
chk. by:		K	05.29.18		NO CHANGE THIS SHEET
sheet 13 of 23					

COMP-ANL\W06-06RC



SEALANTS:

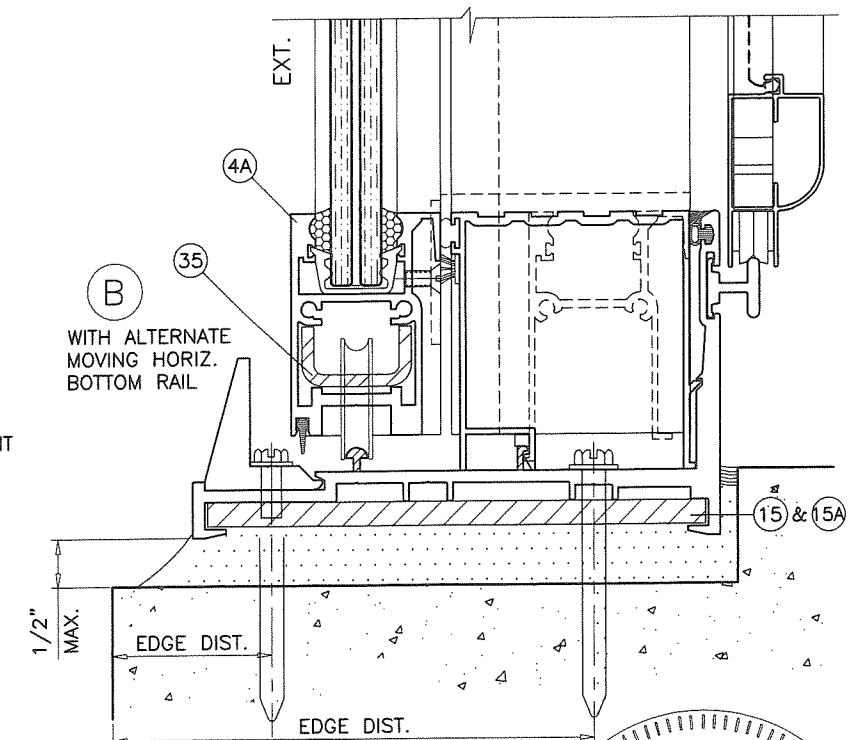
ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH WHITE/ALUM COLORED SEALANT.

LOCKS:

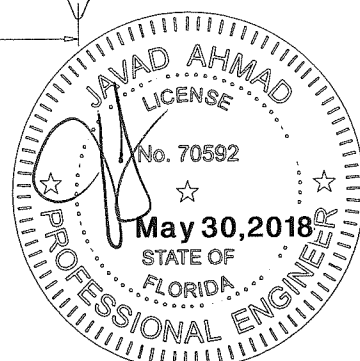
SURFACE MOUNT THREE PLY HOOK LOCK BY 'INTERLOCK' AT 41-1/2" FROM BOTTOM WITH KEEPERS AT LOCK POSITION.

WEEPS:

W1 = 2-1/2" WEEP NOTCH AT SILL CENTER
W2 = 1" NOTCH AT EACH END



PRODUCT REVIEWED
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Expiration Date 11/1/23
Blum Lock Product Control



AL-FAROOQ CORPORATION
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3550 N.W. 49 STREET
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G	01.15.13	1	07.08.16	GENERAL REVISION	REV. PER RER COMMENTS
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I	05.01.17	3	04.24.18	GENERAL REVISION	REV. PER RER COMMENTS
J	04.24.18	4	05.29.18	GENERAL REVISION	NO CHANGE THIS SHEET
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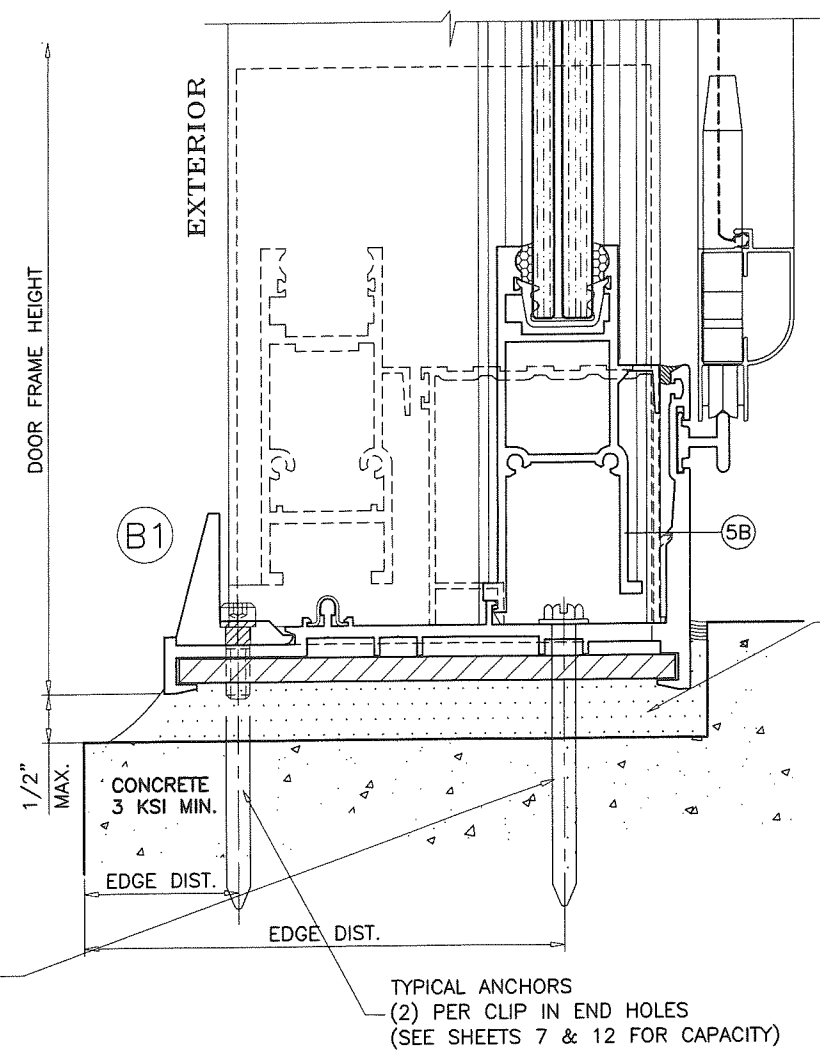
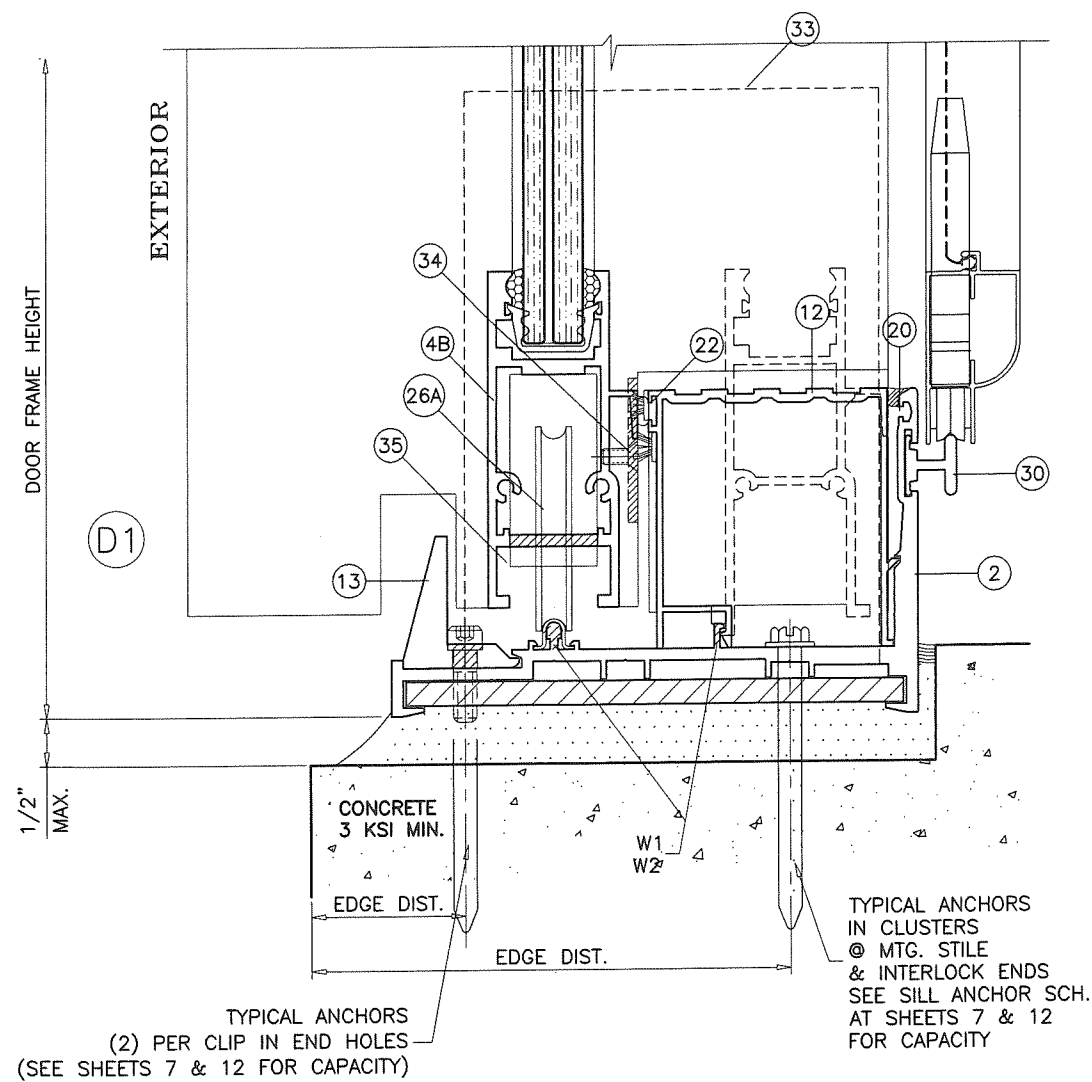
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dr. by: TARIQ

chk. by:

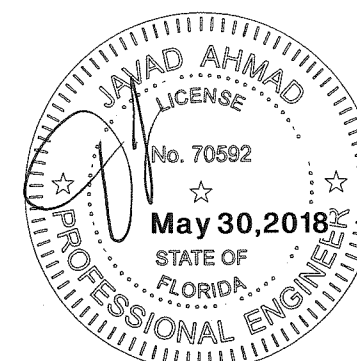
drawing no.
W06-06

sheet 14 of 23



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

PRODUCT REVIEWED
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Building Code
Acceptance No. 16-1027-02
Expiration Date 7/1/23
By 1/Shaugh/Thurnd
Title State Product Control



date: 01-31-06		revisions:	
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chk. by:		K 05.29.18	NO CHANGE THIS SHEET

sheet 15 of 23

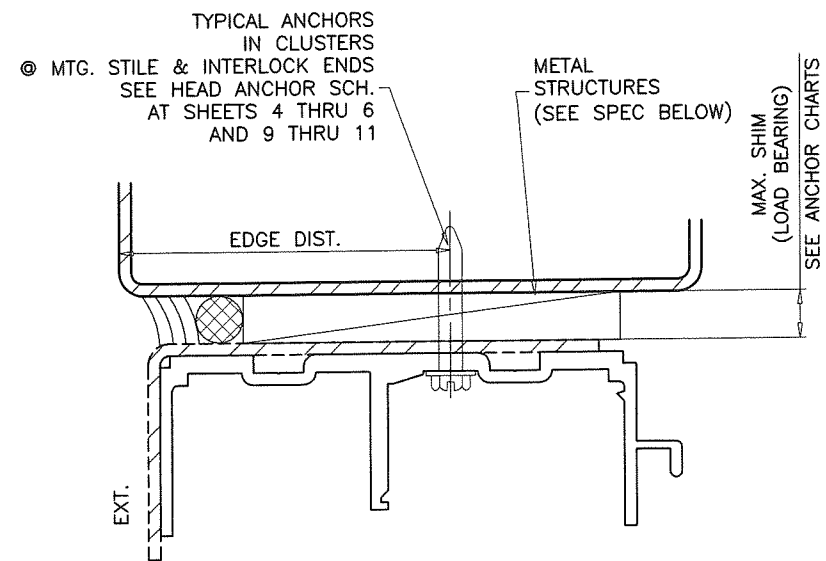
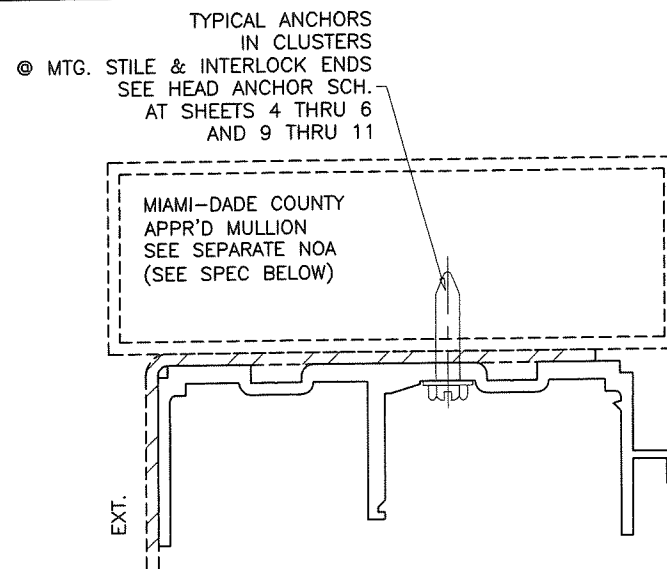
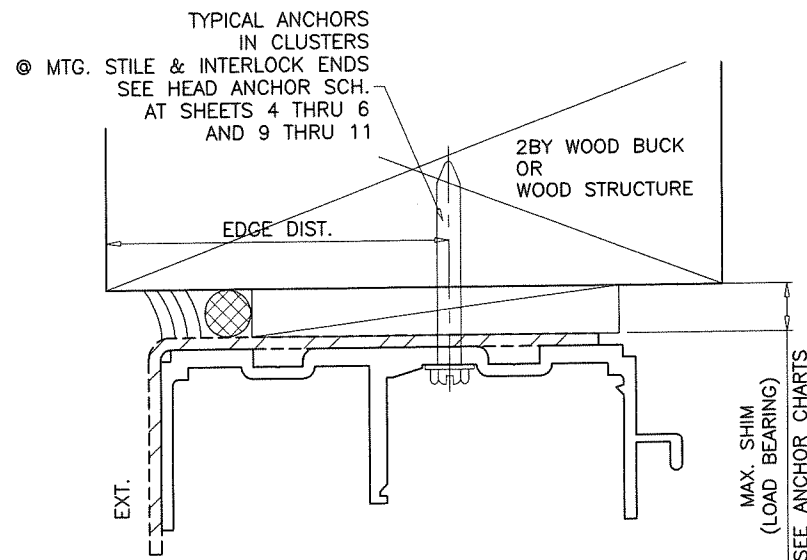
SERIES-DM12 ALUM SLD. GLASS DOOR (S.M.I.)

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3550 N.W. 49 STREET
MIAMI, FL. 33142

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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
(C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

8169-797 (50
COMP-ANI \ W06-06RC



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

— AT HEAD —

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

— AT JAMBS —

- 5/16" DIA. ULTRACON BY 'ELCO' ($F_u=177$ 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 'ELCO' ($F_u=177$ 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
 Acceptance No. 16-1027-02
 Expiration Date 1/1/23
A. Ismail
 Product Control



AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
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 TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\W06-06RC

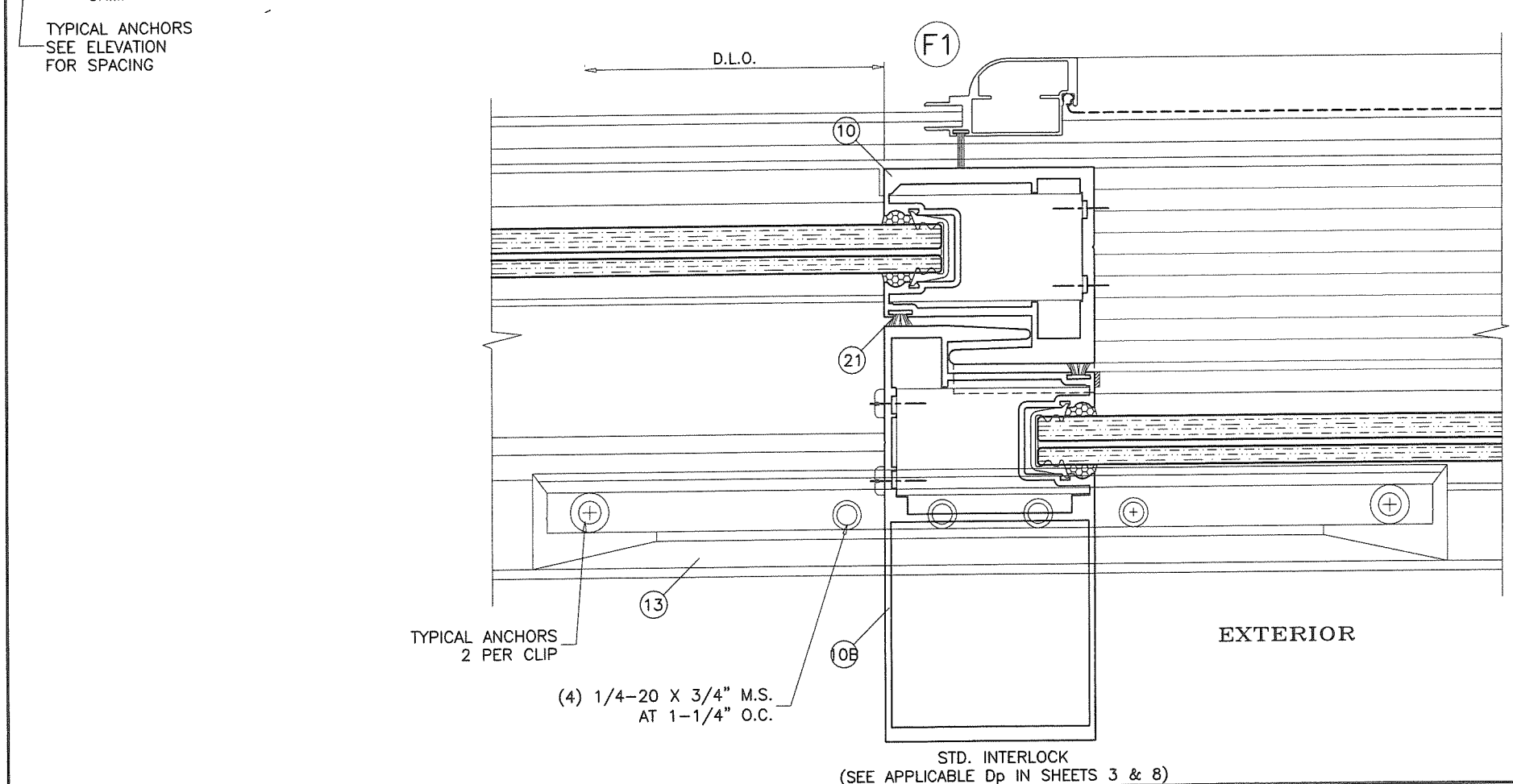
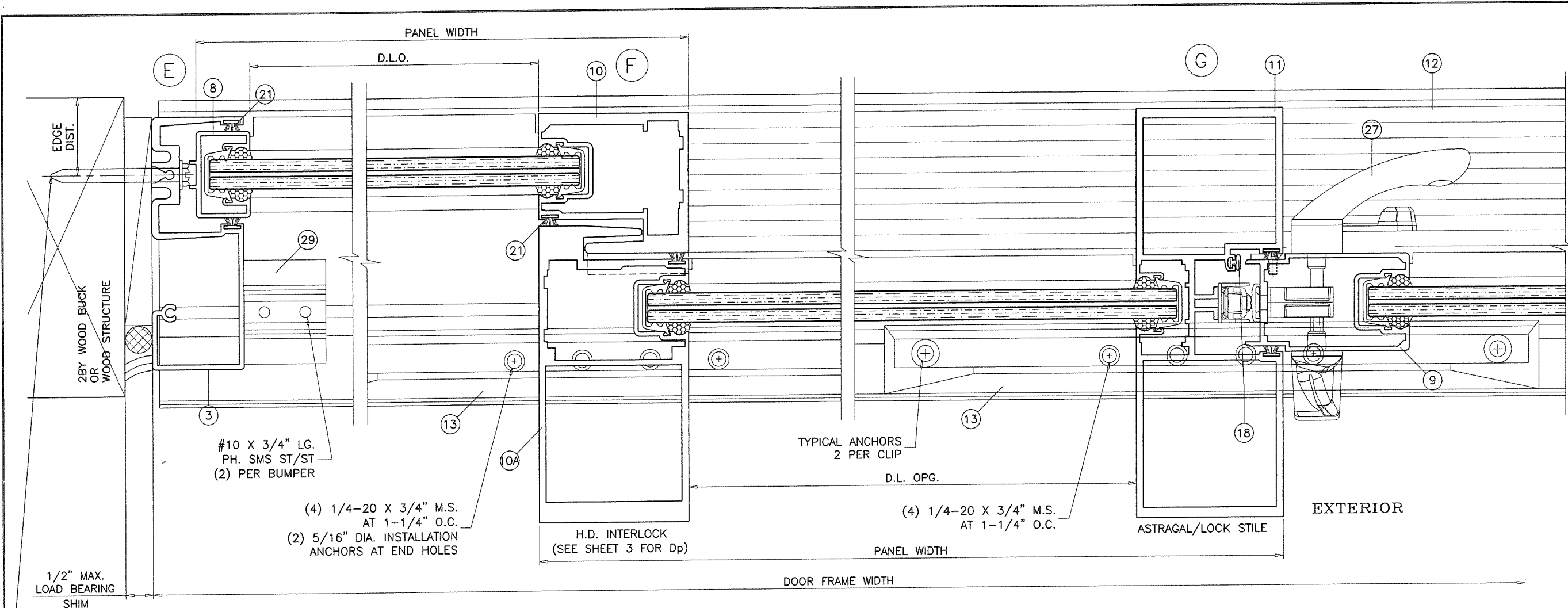
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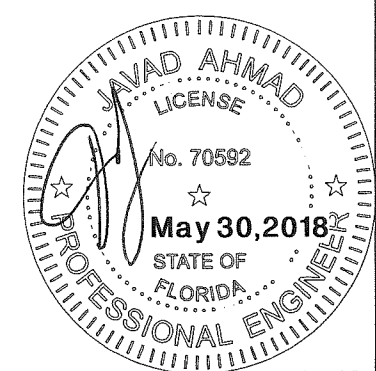
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 sheet 16 of 23



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E. Ishag I. Chank
 Manufacturer Product Control



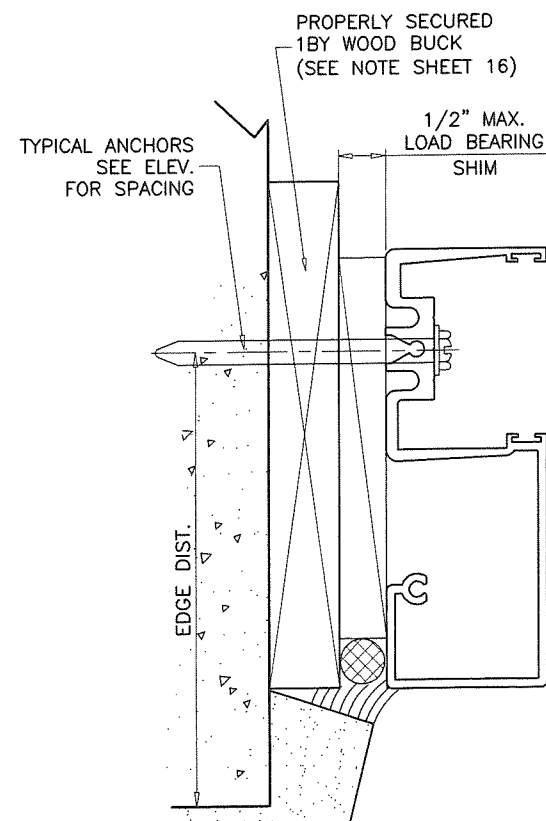
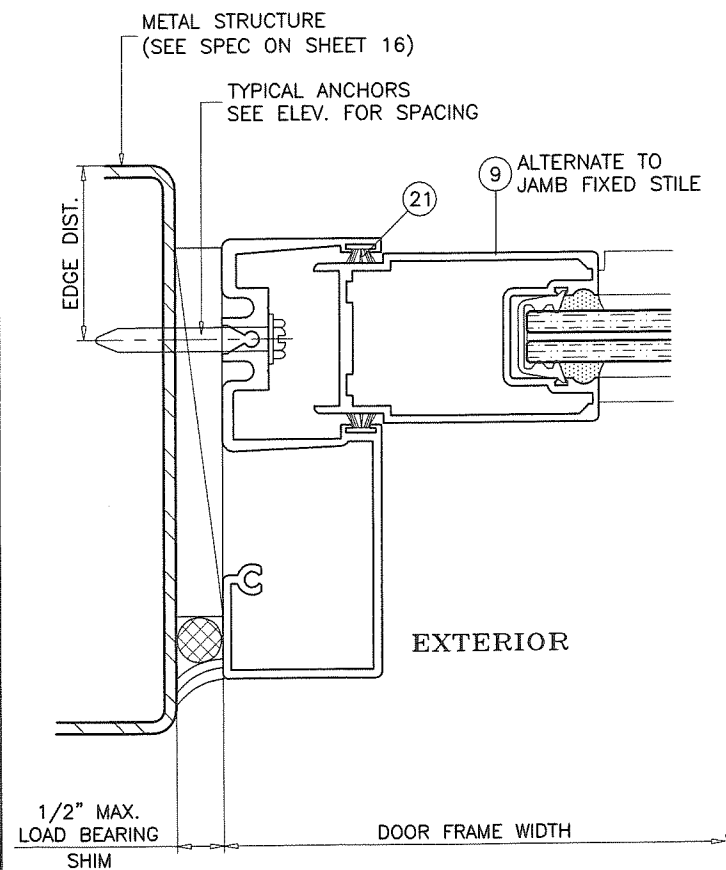
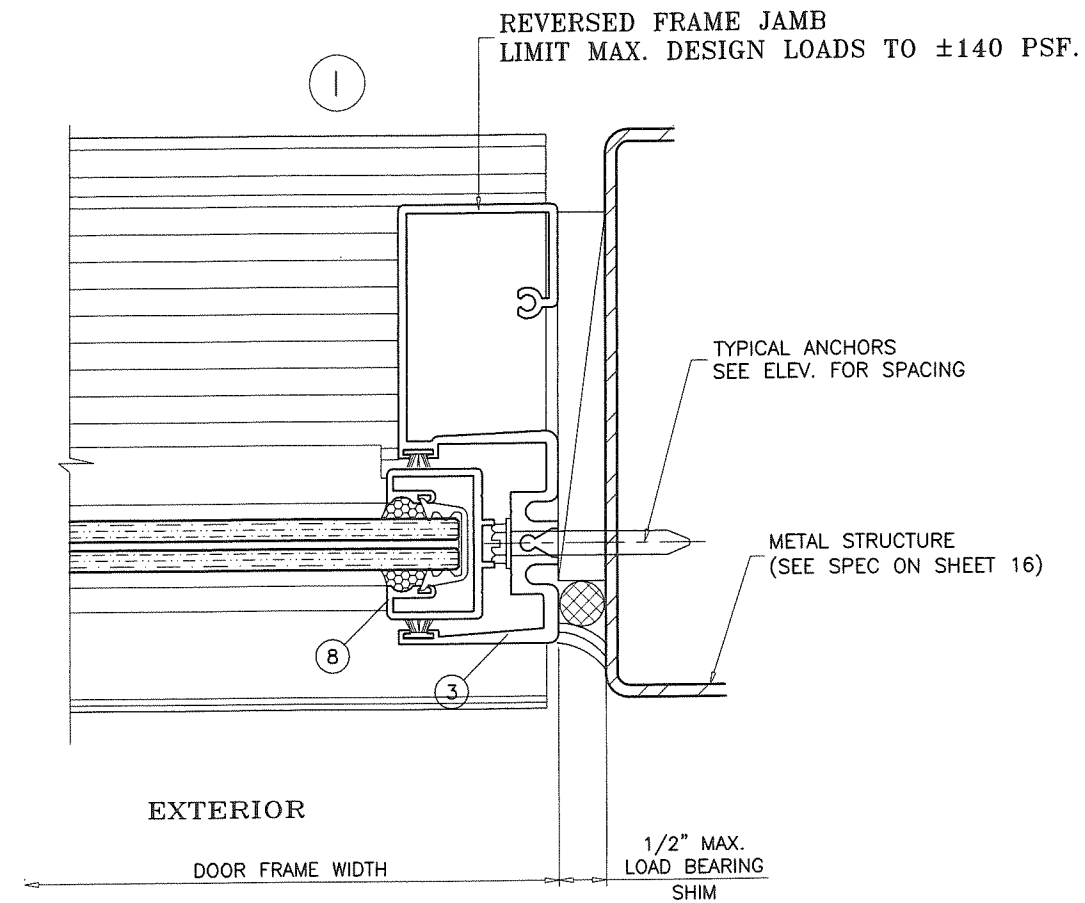
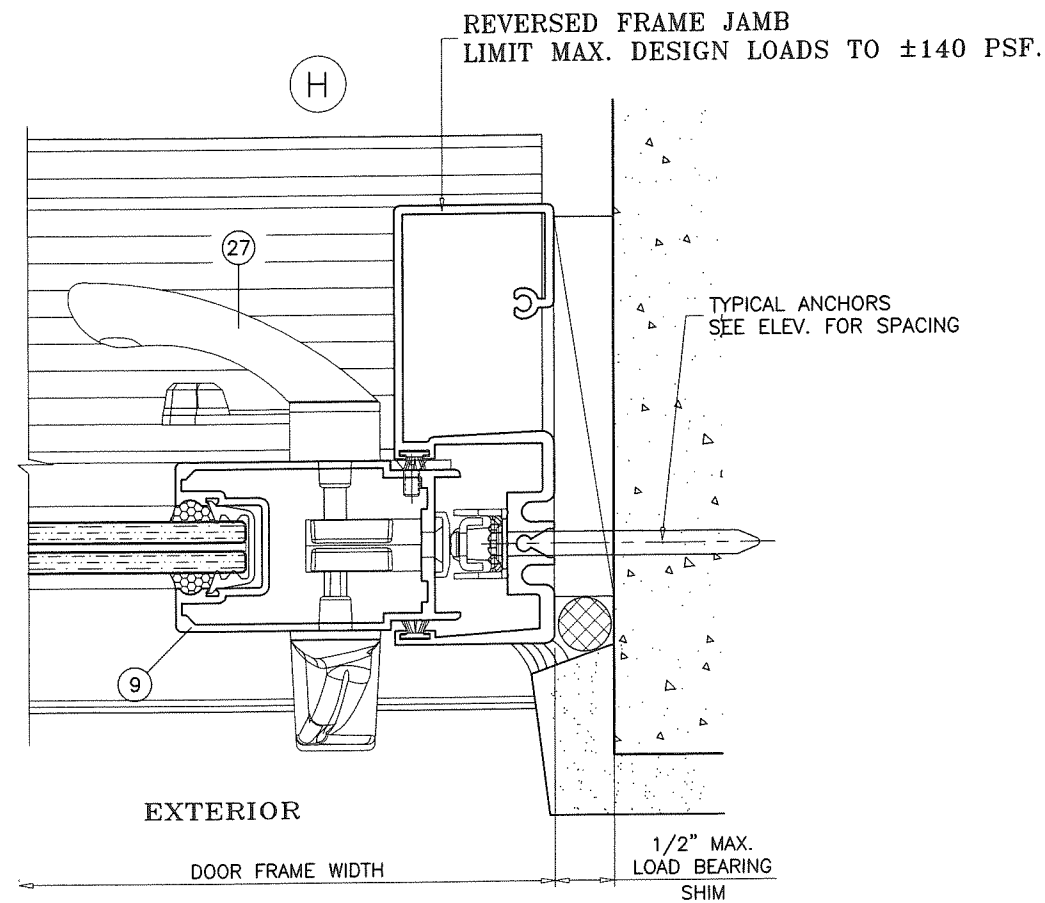
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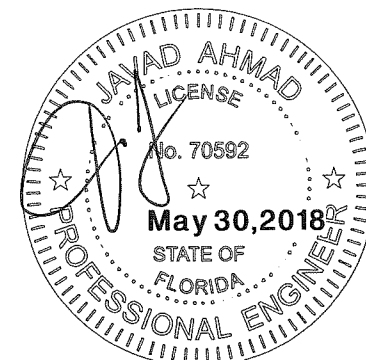
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no	date	no	date	description	by
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drawing no.
W06-06
 sheet 17 of 23



PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 16-1027-02
Expiration Date 11/1/23
A. Ahmad
Owner/Trade Product Control



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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

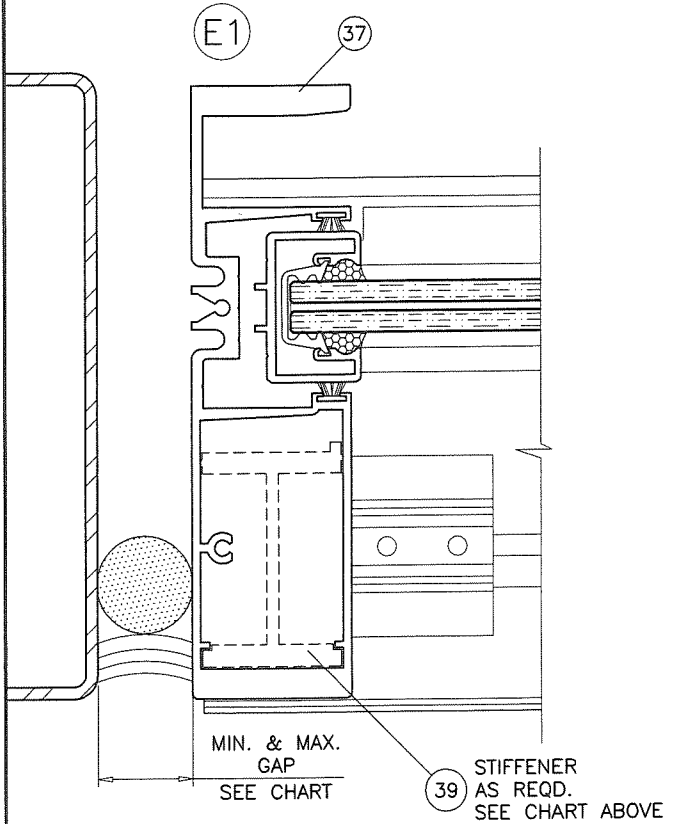
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H	07.08.16				GENERAL REVISION
I	05.01.17				REV. PER RER COMMENTS
J	04.24.18				NO CHANGE THIS SHEET
K	05.29.18				NO CHANGE THIS SHEET

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

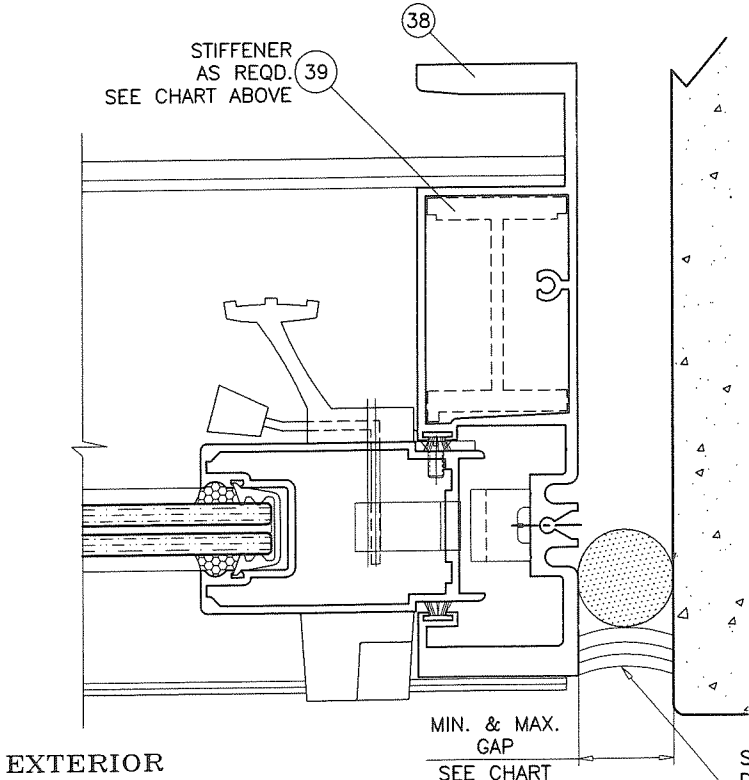
FOR DOOR CAPACITY SEE CHART ON SHEET 8.1
LOWER Dp SHALL CONTROL



FREE STANDING JAMB
FIXED SIDE

Ix	IN^4	Sx	IN^3
13.025		4.031	

Ix	IN^4	Sx	IN^3
.7320		.6095	



FREE STANDING JAMB
OPERABLE SIDE

Ix	IN^4	Sx	IN^3
13.336		4.051	

SILICONE
DOWSIL 790
DEPTH = 1/2 OF GAP DIMENSION
1/4" MIN.
3/8" MAX.

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
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Javad I. Ahmad
Product Control



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MIAMI, FL. 33142
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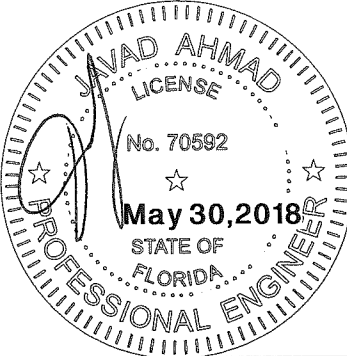
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		chk. by:	
drawing no.		W06-06	
sheet 19 of 23			

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
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	6005-T5	-
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, 12" LONG	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", MELTPOINT PLASTICS
26	PR03-6000	2/MOV. PANEL	TANDEM WHEEL ASSEMBLY	ST. STEEL	INTERLOCK
26A	1981-PRS-212WSS	2/MOV. PANEL	TA-81-PRS-212W-SS WHEELS, 2 PER MOV. PANEL AT 3" FROM ENDS	-	INTERLOCK
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.

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By: [Signature]
Mike's Steel Product Control



afC

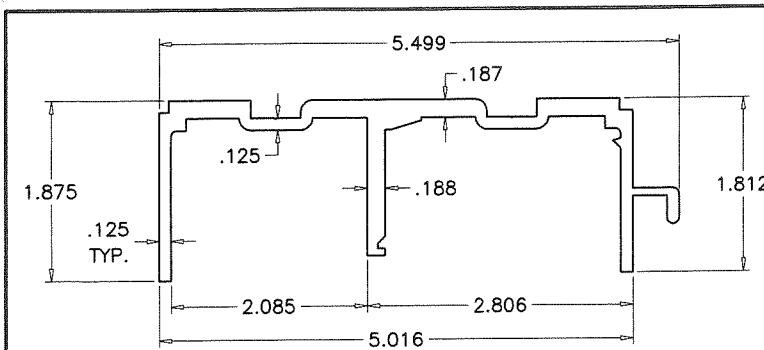
AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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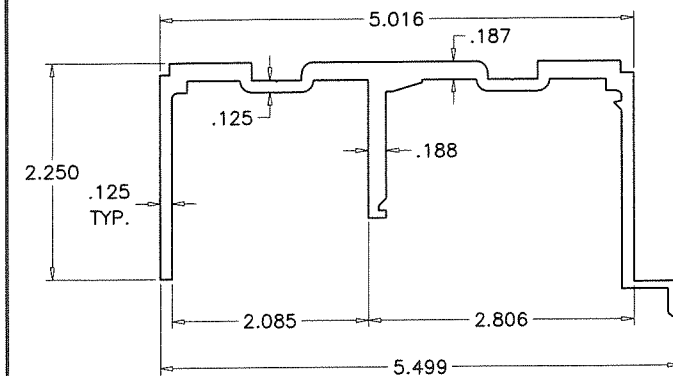
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drawing no.		sheet 20 of 23	
W06-06			

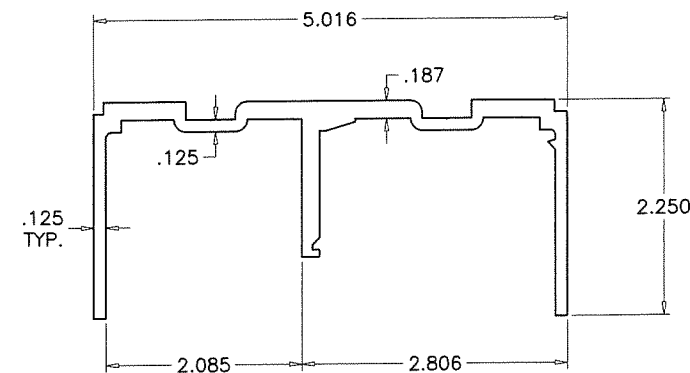
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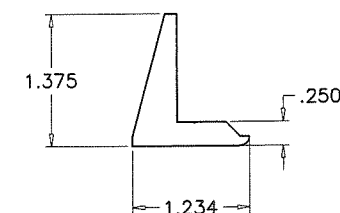
① FRAME HEAD (2400ST-038)



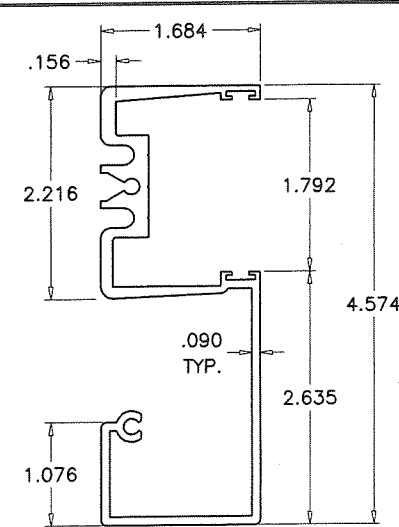
①B ALT. FRAME HEAD (2400ST-066)



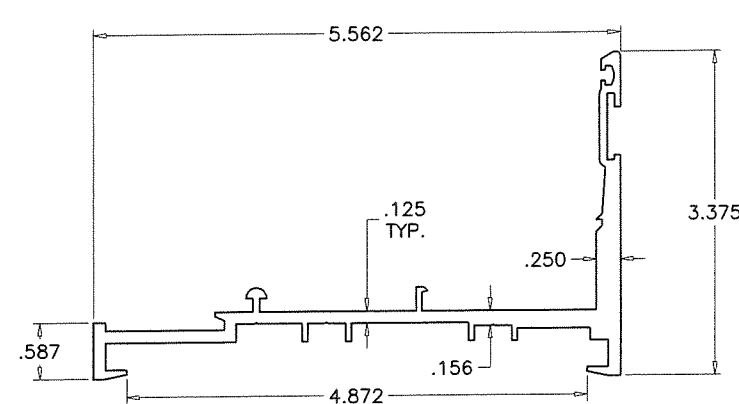
①C ALT. FRAME HEAD (2400ST-066A)



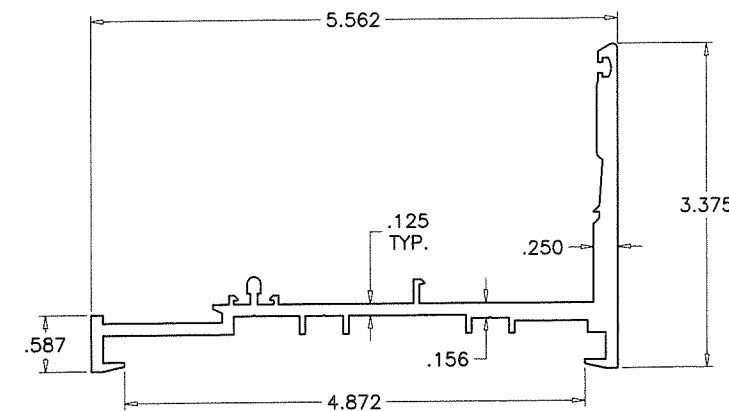
⑬ SILL ANCHOR (2400ST-011)



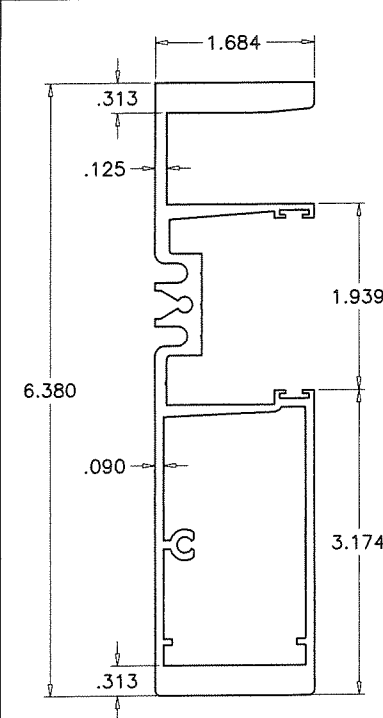
③ FRAME JAMB (2400ST-042)



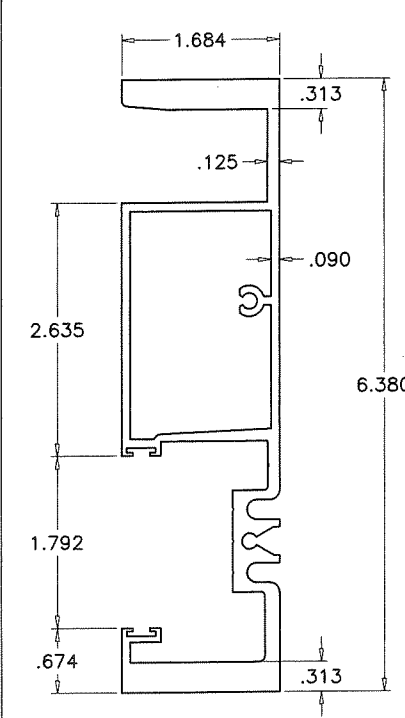
② FRAME SILL (2400ST-039)



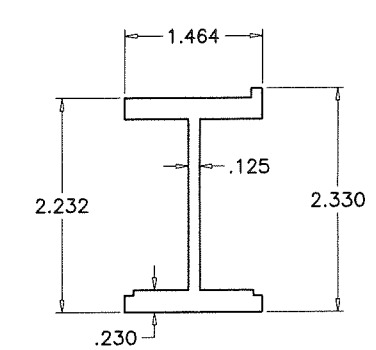
②A ALT. FRAME SILL (2400ST-082A)



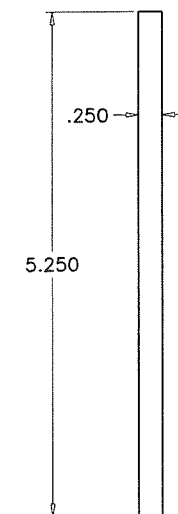
③7 FREE STANDING FRAME JAMB
FIXED SIDE



③8 FREE STANDING FRAME JAMB
OPERABLE SIDE

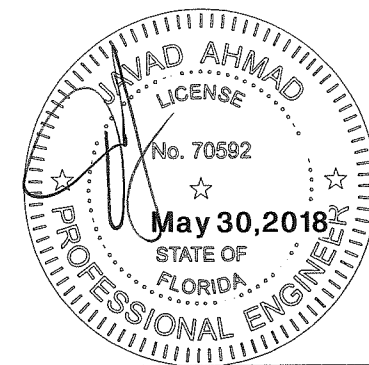


③9 JAMB STIFFENER



⑮ ⑮A SILL TRACK PLATE

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Product Control



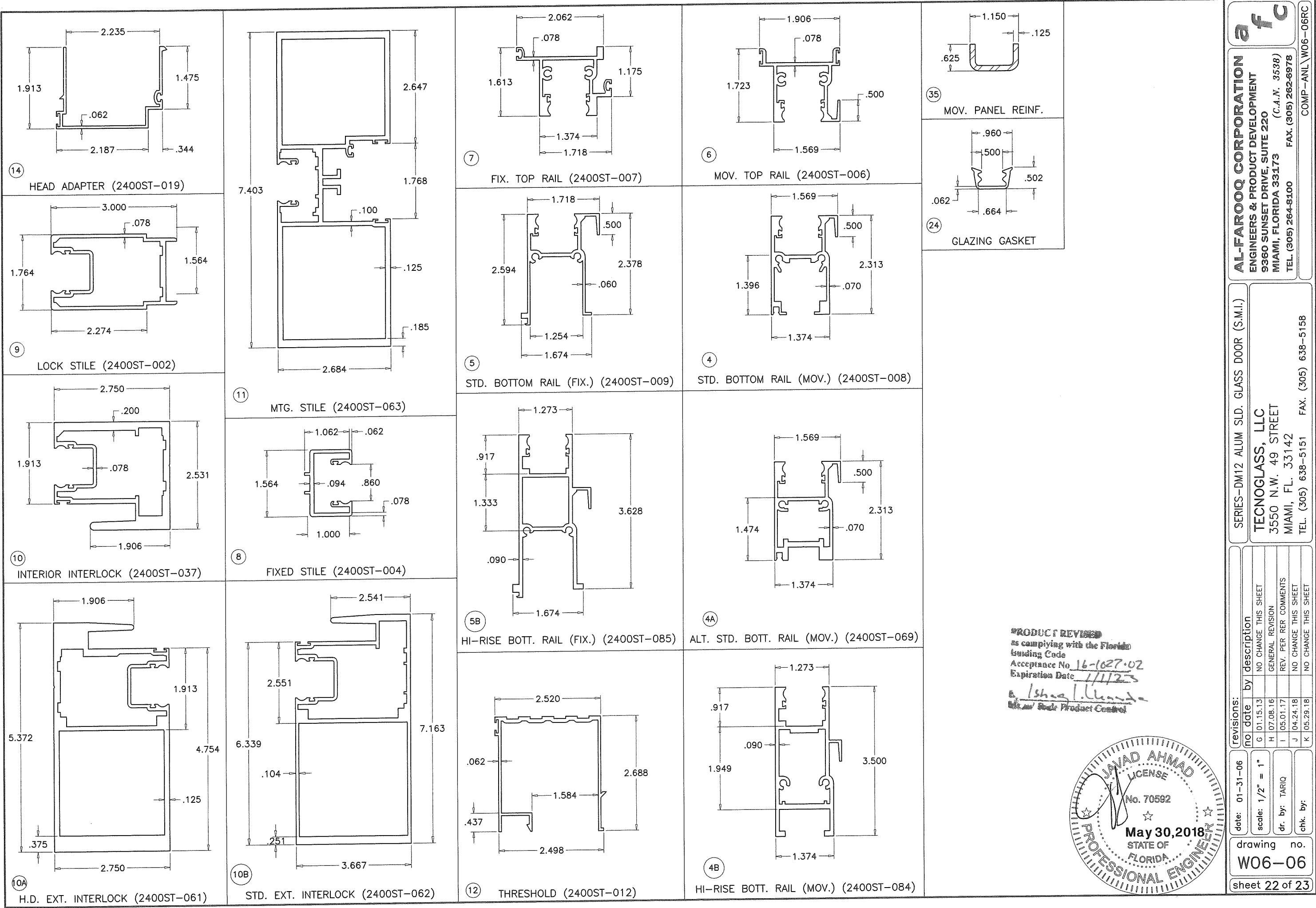
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W06-06RC

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3550 N.W. 49 STREET
MIAMI, FL. 33142
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W06-06
sheet 21 of 23

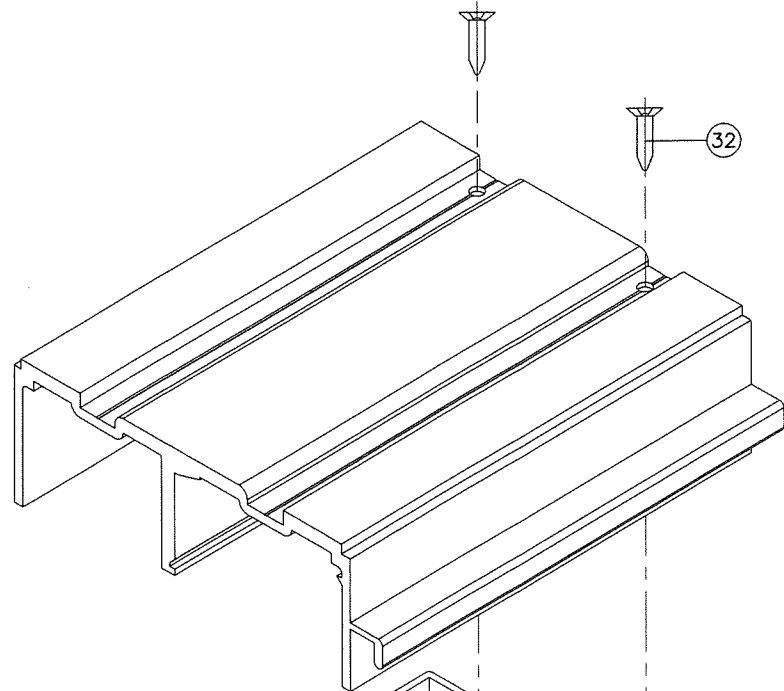


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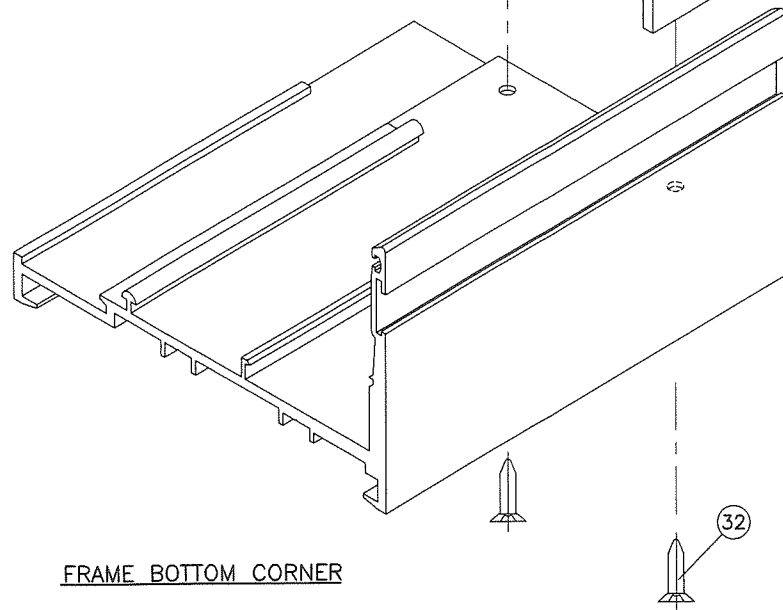
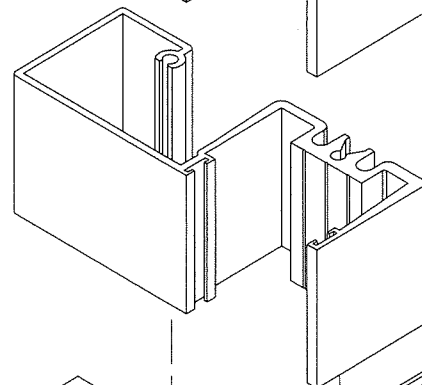
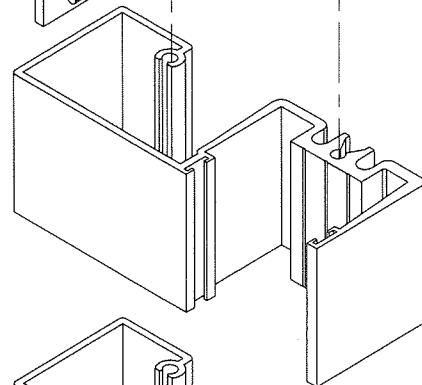
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sheet		22 of 23			

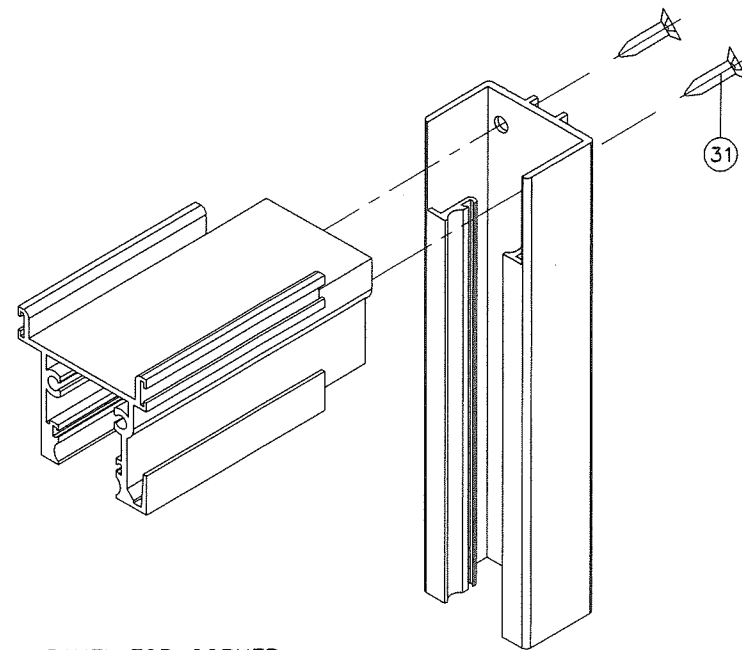
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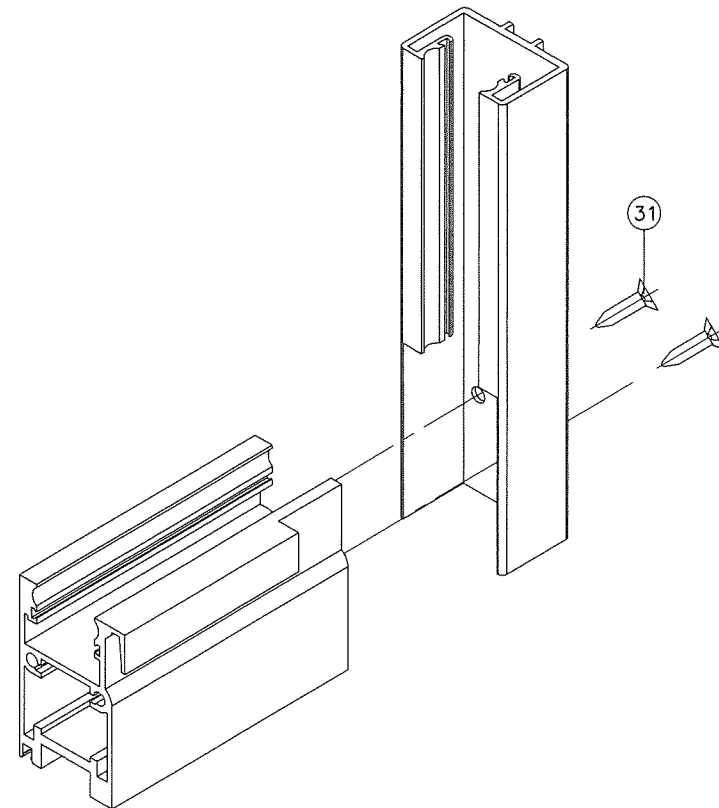
FRAME TOP CORNER



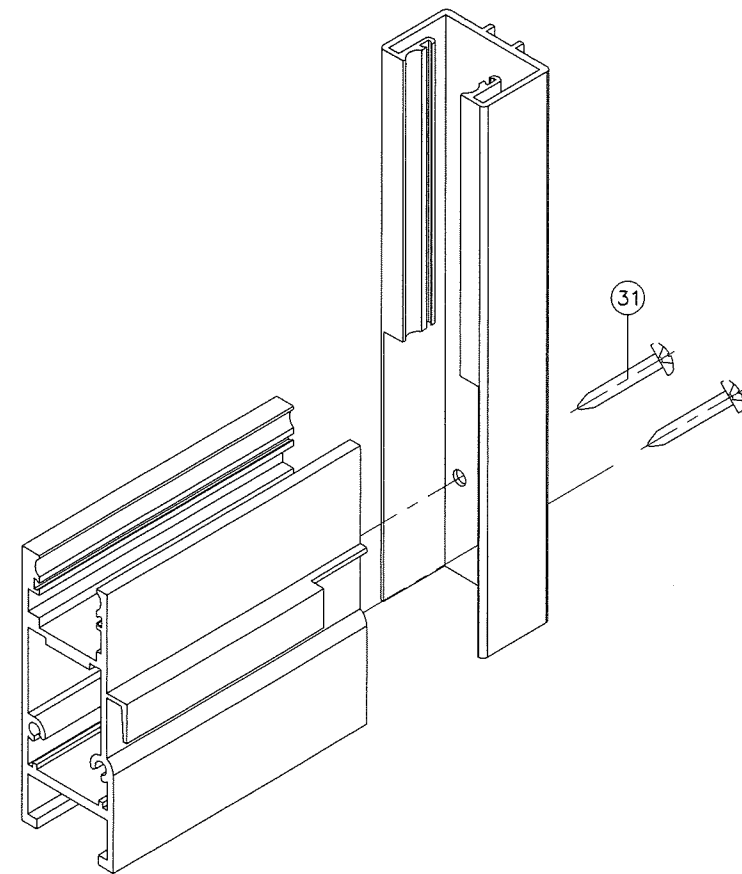
FRAME BOTTOM CORNER



PANEL TOP CORNER



PANEL BOTTOM CORNER
STD. BOTTOM RAIL



PANEL BOTTOM CORNER
HI-RISE BOTTOM RAIL

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J. Ahmad
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