

# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

## PRODUCT APPROVAL EVALUATION RULE CHAPTER #61G20-3 • METHOD 1 OPTION D

FL 20359

Date: 01/08/2018

**Detailed Product Description:**

**Manufacturer:** MR. GLASS DOORS AND WINDOWS INC.

**Manufacturer Address:** 8120 NW 84<sup>TH</sup> STREET, MEDLEY, FL 33166

**Model Name:** SERIES MG-300 ALUMINUM HORIZONTAL SLIDING WINDOW

**Maximum Width:** 111" (XOX) 74" (XO)

**Maximum Frame Height:** 63"

**Maximum Load:** +90 PSF, -140 PSF (Small Missile Impact)

**Installation Drawings #** W16-28

This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.

The above maximum parameters do not occur simultaneously.  
See installation drawings for combination of span vs loads.

Comparative analysis used  Yes  No

**Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS/TAS-202)**

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Fenestration Testing Laboratory, Inc.	03/29/2016	FTL-8856	Idalmis Ortega, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc.	03/29/2016	FTL-8856	Idalmis Ortega, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc.	03/29/2016	FTL-8856	Idalmis Ortega, P.E.
ASTM F 588	Forced Entry	Fenestration Testing Laboratory, Inc.	03/29/2016	FTL-8856	Idalmis Ortega, P.E.

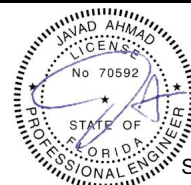
**Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)**

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
FBC 1626.3 (TAS 201 & 203)	Small Missile Impact & Cyclic	Fenestration Testing Laboratory, Inc.	03/29/2016	FTL-8856	Idalmis Ortega, P.E.

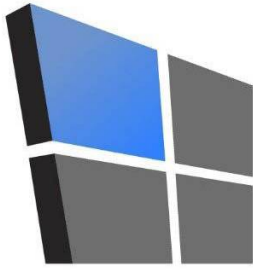
Under the limitations of the attached installation drawings, to the best of my knowledge and ability, the above product conforms to the requirements of the 2017 Florida Building Code.

**Evaluation Report Engineer:**

Javad Ahmad PE # 70592  
Al-Farooq Corporation EB # 3538



Sealed: 1/12/2018



# **AL-FAROOQ CORPORATION**

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

January 12, 2018

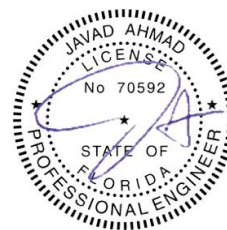
Product Approval Administrator  
Building Codes & Standards Section  
Department of Business & Professional Regulations  
1940 North Monroe Street, Suite 90  
Tallahassee, FL 32399-2100

Ref: Mr. Glass Doors & Windows, Inc.  
Series MG-300 Aluminum Horizontal Sliding Window (L.M.I. and S.M.I.)  
Certificate of Independence

Dear Sirs,

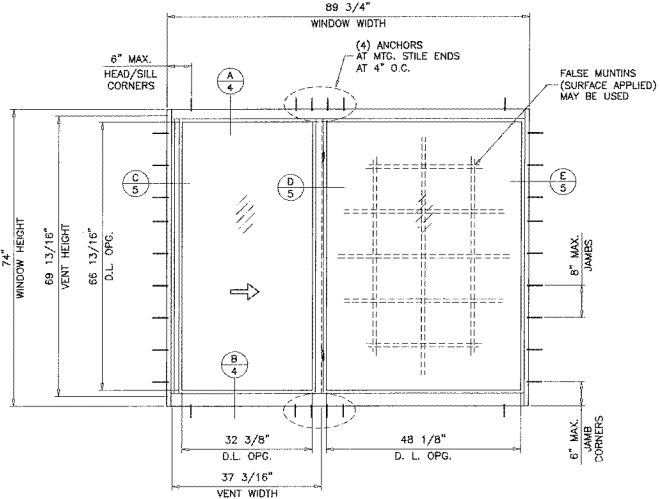
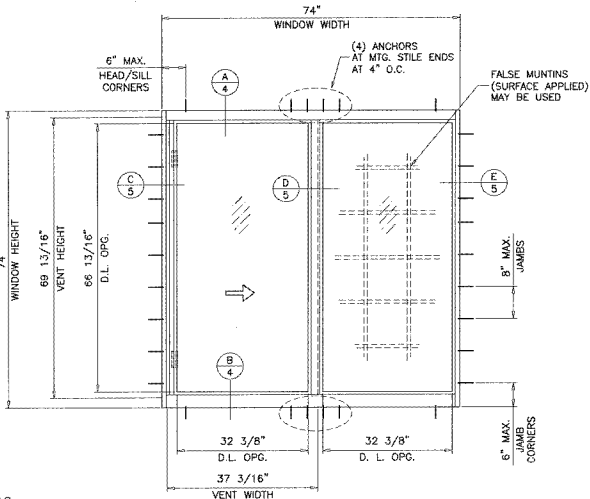
As the design engineer retained by Mr. Glass Doors & Windows, Inc. on the product referenced above, I do hereby declare that I do not have and will not have any financial interest in any company manufacturing or distributing the above referenced product, nor do I have or will have any financial interest with any other entity involved in the approval process of the product.

Sincerely,



Sealed: 1/12/2018

Javad Ahmad, P.E.  
Chief Engineer



TYPICAL ELEVATIONS  
TESTED UNITS

**SERIES MG-300**  
**ALUMINUM HORIZONTAL SLIDING WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZ. ROLLING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING F.B.C. APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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

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

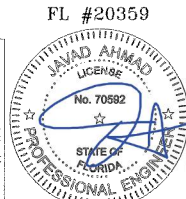
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT.  
F.B.C. APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE.  
SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- C- SITE SPECIFIC PRODUCTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



FL #20359

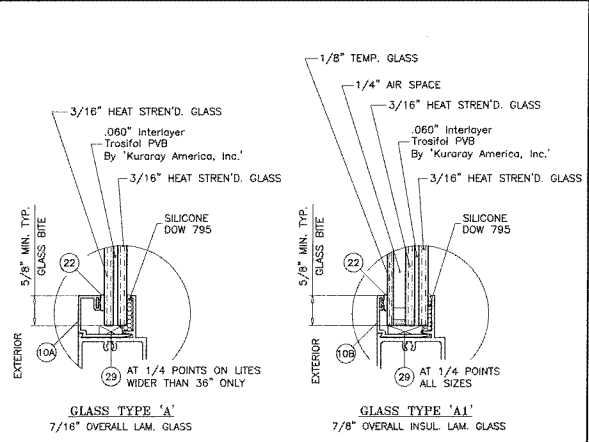
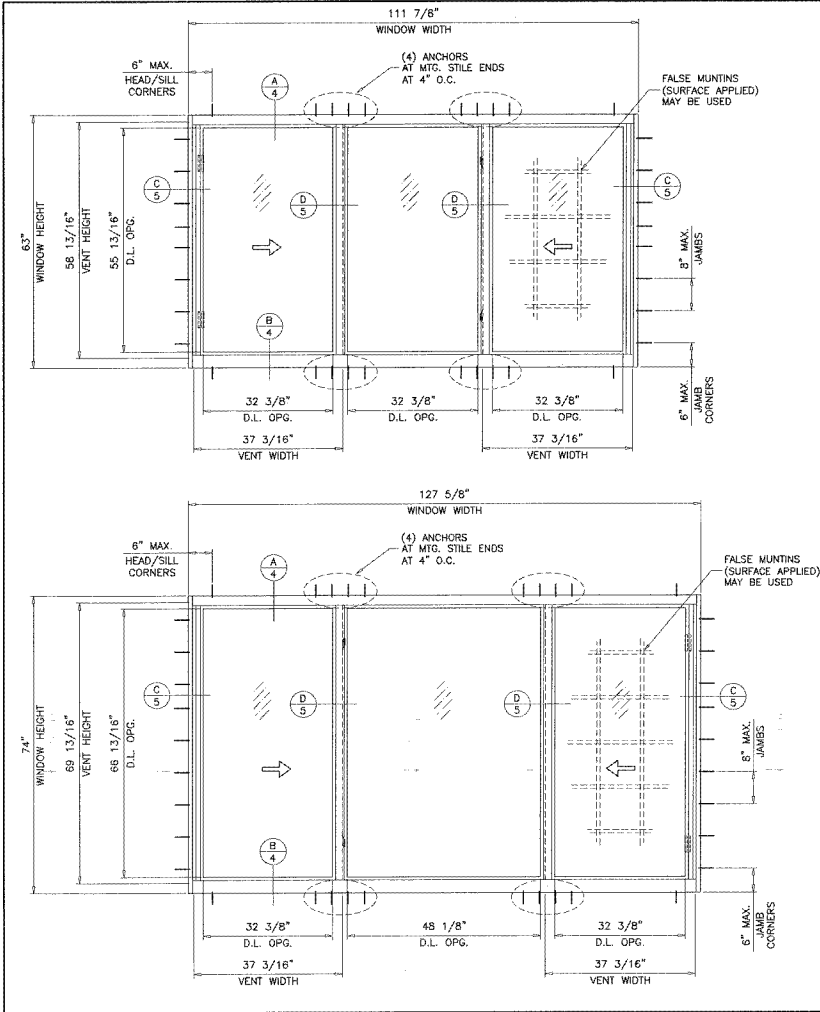
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
93860 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3838)  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W16-23MG

MG-300 ALUM HORIZ. ROLLING WDW. (S.M.I.)  
MR. GLASS DOORS & WINDOWS INC.  
8120 N.W. 84 STREET  
MEDLEY, FL 33166  
TEL. (305) 470-8284 FAX. (305) 470-8285

Revisions	no.	DATE	DESCRIPTION
	1	10/11/19	UPDATED TO 2017 IBC

order: 04-15-16  
scale: 1/2"=1'-0"  
dr. by: TARC  
chk. by:  
drawing no. **W16-28**  
sheet 1 of 8

Sealed: 1/12/2018

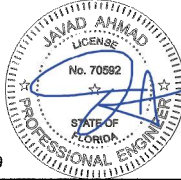


**GLAZING OPTIONS**

1/4" AIR SPACE CONSISTING OF:  
 "DURASEAL" EDGE SEAL SYSTEM  
 BY "QUANEX"

**TYPICAL ELEVATIONS**  
 TESTED UNITS

FL #20359



**a f c**

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9380 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 358F)  
 TEL. (305) 264-6878 FAX. (305) 262-6878  
 TEL. (305) 264-6100 FAX. (305) 470-8284

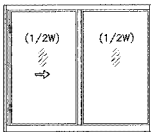
MR. GLASS DOORS & WINDOWS INC.  
 M/G-300 ALUM. HORIZ. ROLLING WDW. (S.M.I.)  
 8120 N.W. 84 STREET  
 MEDLEY, FL. 33116  
 TEL. (305) 470-8284 FAX. (305) 470-8285

Revisions:	NOI LOGIC	BY DESCRIPTION
DATE:	04-15-16	
SCALE:	1/2"=1'-0"	
DR. BY:	TARO	
CHECK BY:		

drawing no. **W16-28**  
 sheet 2 of 8

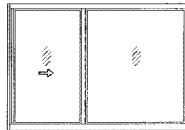
Sealed: 1/12/2018

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)			
FRAME DIMS.		GLASS TYPES 'A' & 'A1'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
26-1/2"	28"	90.0	140.0
37"		90.0	140.0
53-1/8"		90.0	140.0
63"		90.0	140.0
74"	90.0	140.0	
26-1/2"	38-3/8"	90.0	140.0
37"		90.0	140.0
53-1/8"		90.0	140.0
63"		90.0	140.0
74"	90.0	140.0	
26-1/2"	50-5/8"	90.0	140.0
37"		90.0	140.0
53-1/8"		90.0	140.0
63"		90.0	140.0
74"	90.0	140.0	
26-1/2"	83"	90.0	140.0
37"		90.0	140.0
53-1/8"		90.0	140.0
63"		90.0	140.0
74"	90.0	125.0	
24"	24"	90.0	140.0
36"		90.0	140.0
48"		90.0	140.0
60"		90.0	140.0
72"	90.0	140.0	
24"	36"	90.0	140.0
36"		90.0	140.0
48"		90.0	140.0
60"		90.0	140.0
72"	90.0	140.0	
24"	48"	90.0	140.0
36"		90.0	140.0
48"		90.0	140.0
60"		90.0	140.0
72"	90.0	140.0	
24"	60"	90.0	140.0
36"		90.0	140.0
48"		90.0	140.0
60"		90.0	140.0
72"	90.0	136.1	



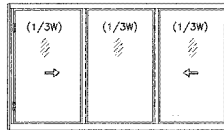
OPERATING VENTS TO BE 1/2 OF THE WDW. WIDTH  
'XO OR OX'

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)			
FRAME DIMS.		GLASS TYPES 'A' & 'A1'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
55-1/2"	28"	90.0	140.0
79-11/16"		90.0	140.0
83-1/4"		90.0	140.0
55-1/2"	38-3/8"	90.0	140.0
79-11/16"		90.0	140.0
83-1/4"		90.0	140.0
55-1/2"	50-5/8"	90.0	140.0
79-11/16"		90.0	140.0
83-1/4"		90.0	140.0
54"	24"	90.0	140.0
63"		90.0	140.0
72"		90.0	140.0
81"		90.0	140.0
54"	36"	90.0	140.0
63"		90.0	140.0
72"		90.0	140.0
81"		90.0	140.0
54"	48"	90.0	140.0
63"		90.0	140.0
72"		90.0	140.0
81"		90.0	140.0
54"	60"	90.0	140.0



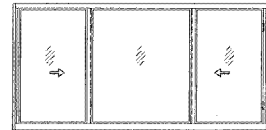
OPERATING VENTS TO BE 1/4 TO 1/3 OF THE WDW. WIDTH  
'XO OR OX'

DESIGN LOAD CAPACITY - PSF (XOX SIZES)			
FRAME DIMS.		GLASS TYPES 'A' & 'A1'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
74"	28"	90.0	140.0
106-1/4"		90.0	140.0
111"		90.0	140.0
74"	38-3/8"	90.0	140.0
106-1/4"		90.0	140.0
111"		90.0	140.0
74"	50-5/8"	90.0	140.0
106-1/4"		90.0	140.0
111"		90.0	140.0
74"	24"	90.0	140.0
84"		90.0	140.0
96"		90.0	125.0
108"		90.0	125.7
72"	36"	90.0	140.0
84"		90.0	140.0
96"		90.0	140.0
108"		90.0	140.0
72"	48"	90.0	140.0
84"		90.0	140.0
96"		90.0	140.0
108"		90.0	140.0
72"	60"	90.0	140.0
84"		90.0	140.0
96"		90.0	140.0
108"		90.0	136.5



OPERATING VENTS TO BE 1/3 OF THE WDW. WIDTH  
'XOX'

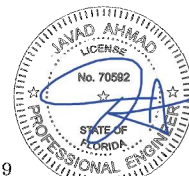
DESIGN LOAD CAPACITY - PSF (XOX SIZES)			
FRAME DIMS.		GLASS TYPES 'A' & 'A1'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
74"	28"	90.0	140.0
106-1/4"		90.0	140.0
111"		90.0	140.0
74"	38-3/8"	90.0	140.0
106-1/4"		90.0	140.0
111"		90.0	140.0
74"	50-5/8"	90.0	140.0
106-1/4"		90.0	140.0
111"		90.0	140.0
72"	24"	90.0	140.0
84"		90.0	140.0
96"		90.0	140.0
108"		90.0	140.0
72"	36"	90.0	140.0
84"		90.0	140.0
96"		90.0	140.0
108"		90.0	140.0
72"	48"	90.0	140.0
84"		90.0	140.0
96"		90.0	140.0
108"		90.0	140.0
72"	60"	90.0	140.0
84"		90.0	140.0
96"		90.0	140.0
108"		90.0	140.0



OPERATING VENTS TO BE 1/4 TO 1/3 OF THE WDW. WIDTH  
'XOX'

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

FL #20359



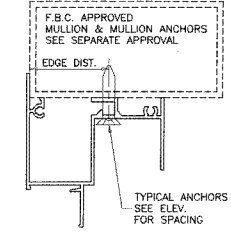
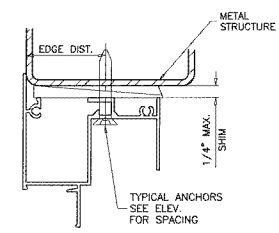
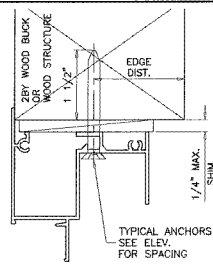
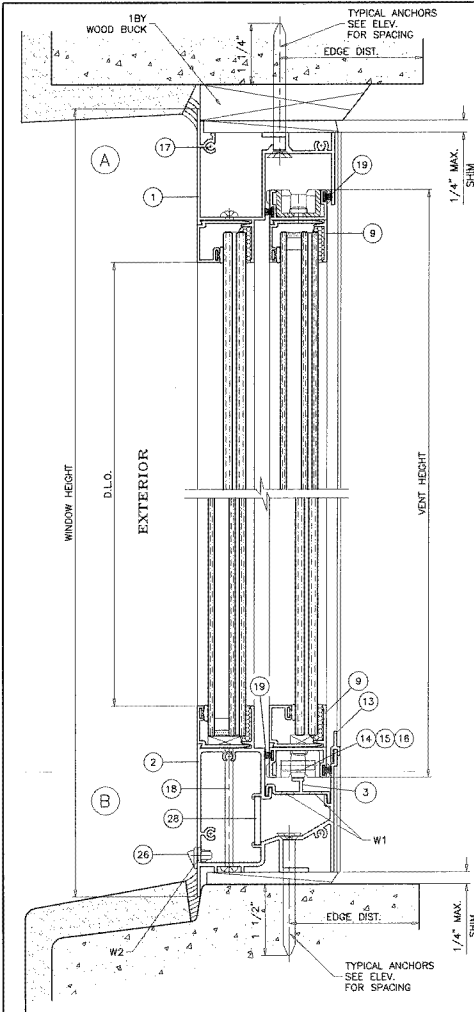
**AL-FAROQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3578)  
TEL. (305) 262-4978 FAX. (305) 264-8100  
COMP-ANL W16-28MG

MG-300 ALUM. HORIZ. ROLLING WDW. (S.M.I.)  
**MR. GLASS DOORS & WINDOWS INC.**  
5120 N.W. 84 STREET  
MEDLEY, FL. 33165  
TEL. (305) 470-8284 FAX. (305) 470-8285

Revisions:  
no. date by description

date: 04-15-16  
scale: 1/8"=1'-0"  
dr. by: TMO  
chk. by:

drawing no.  
**W16-28**  
sheet 3 of 8



WOOD BUCKS AND METAL STRUCTURE NOT BY MR. GLASS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**WEEPHOLES:**

W1 = 1" x 1/4" WEEPHOLES AT 2-1/4" FROM EACH END  
 W2 = 1-3/4" x 3/8" WEEPHOLES AT 5-1/2" FROM EACH END WITH PLASTIC BAFFLE

**SEALANTS:**

ALL FRAME CORNERS, FIXED MEETING RAIL TRACK INSERT AT EACH END AND INSTALLATION SCREWS IN SILL SEALED WITH ALUMINUM COLORED SEALANT.

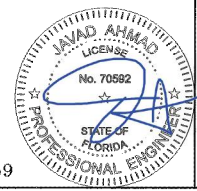
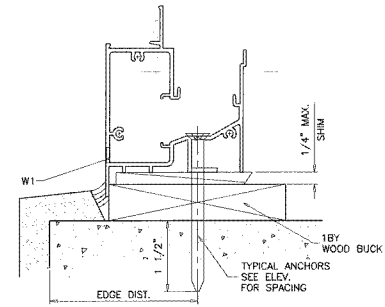
**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

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

**#14 SMS OR SELF-DRILLING SCREWS** (GRADE 2 CRS) INTO F.B.C. APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/SILL/JAMBS) (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS  
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)  
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**CRITICAL EDGE DISTANCE**  
 INTO CONCRETE AND BLOCKS = 2-1/2" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 3/4" MIN.

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



FL #20359

Sealed: 1/12/2018

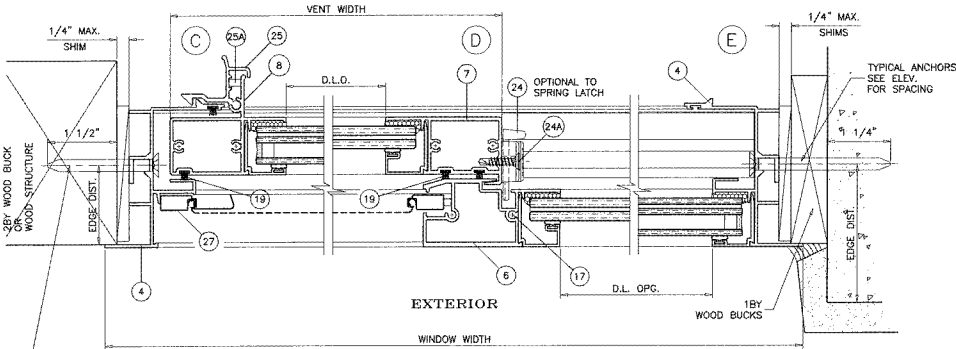
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3534)  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 264-8100  
 COMP-ANL W16-28BNG

**MR. GLASS DOORS & WINDOWS INC.**  
 100-300 ALUM. HORIZ. ROLLING WDW. (S.M.I.)  
 8120 N.W. 84 STREET  
 MEDLEY, FL. 33166  
 TEL. (305) 470-8284 FAX. (305) 470-8285

Revisions:	no.	date	by	Description

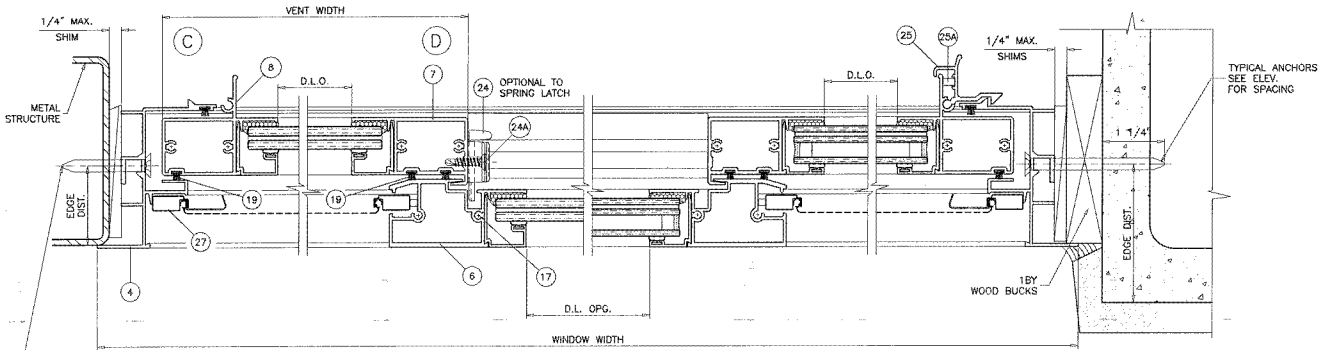
date: 04-15-16  
 scale: 1/2" = 1"  
 dr. by: TARG  
 chk. by:

drawing no. **W16-28**  
 sheet 4 of 8



TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING

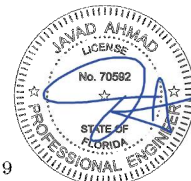
EXTERIOR  
WINDOW WIDTH  
XO LAYOUT  
OX OPPOSITE



TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING

XOX LAYOUT

FL #20359



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3518)  
TEL. (305) 262-6978 FAX. (305) 264-8100  
COMP-ANL W 16-28NG

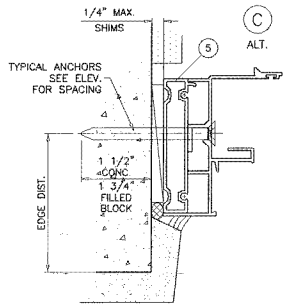
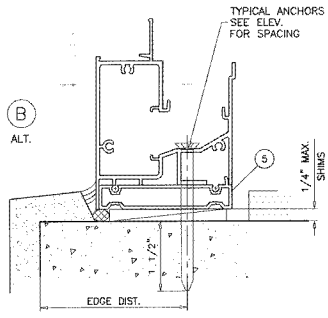
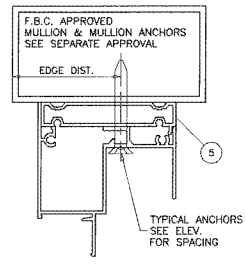
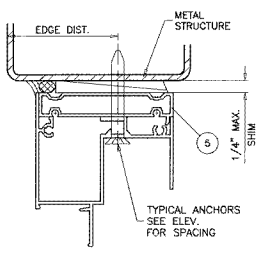
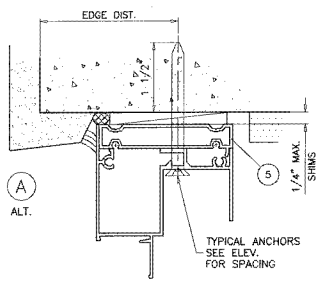
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MR. GLASS DOORS & WINDOWS INC.  
8120 N.W. 84 STREET  
MEDLEY, FL. 33165  
TEL. (305) 470-8284 FAX. (305) 470-8285

no.	date	by	description

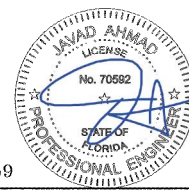
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chk. by:

drawing no.  
**W16-28**  
sheet 5 of 8

Sealed: 1/12/2018



INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

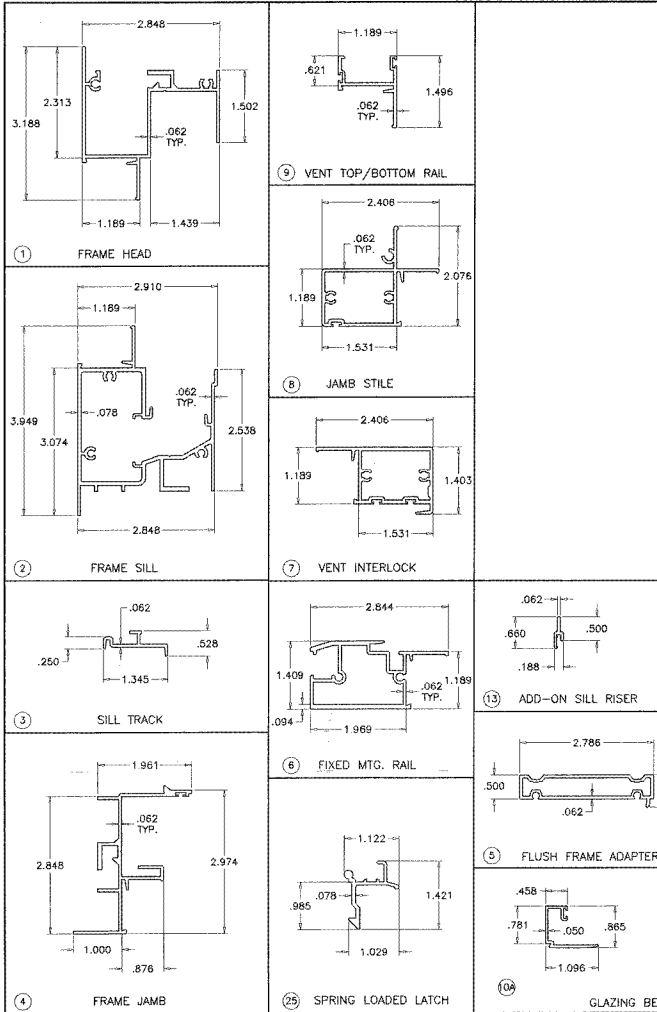


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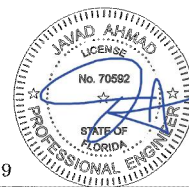
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<b>AL-FAROOQ CORPORATION</b> ENGINEERS & PRODUCT DEVELOPMENT 8360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 3534) TEL. (305) 264-8100 FAX. (305) 264-8100 COMP-ANL W16-28MG	
MR. GLASS DOORS & WINDOWS INC. 8120 N.W. 84 STREET MEDLEY, FL. 33185 TEL. (305) 470-6284 FAX. (305) 470-6285	MG-300 ALUM. HORIZ. ROLLING WDW. (S.M.I.)
Revisions: no.   date   by   description	
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chk. by:	
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sheet 6 of 8	

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ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	MG203	1	FRAME HEAD	6063-T6	-
2	MG301	1	FRAME SILL	6063-T6	-
3	MG302	1	SILL TRACK INSERT	6063-T6	-
4	MG303	AS REQD.	FRAME JAMB	6063-T6	-
5	MG212	AS REQD.	FLUSH FRAME ADAPTER	6063-T6	-
6	MG204	1/ VENT	FIXED MTG. RAIL	6063-T6	-
7	MG205	1/ VENT	VENT INTERLOCK	6063-T6	-
8	MG304	1/ VENT	JAMB STILE	6063-T6	-
9	MG207	2/ VENT	TOP AND BOTTOM RAIL	6063-T6	-
10A	MG209	AS REQD.	GLAZING BEAD (7/16" GLASS)	6063-T6	-
10B	MG210	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
13	MG305	AS REQD.	ADD-ON SILL RISER	6063-T6	-
14	MG321	4/ VENT	ROLLER HOUSING & GUIDE	CELCON	-
15	MG322	2/ VENT	ROLLER	BRASS	-
16	MG323	2/ VENT	ROLLER PIN	ST. STEEL	-
17	#10 x 1"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	PH SMS
18	#10 x 3-1/2"	2/ VENT	FIX. RAIL SILL SCREWS (SILL END)	CRS	PH SMS
19	W22322	AS REQD.	FIN SEAL W/STRIPPING	-	ULTRAFAB
22	E202	AS REQD.	GLAZING BEAD BULB	NEOPRENE	ULTRAFAB
24	SL203P	2/ VENT	SWEEP LATCH, AT 10-1/4" FROM EACH END	ZAMAK	SULLIVAN & ASSOC.
24A	#8 X 5/8"	2/ LATCH	LATCH INST. SCREW	ST. STEEL	FH SMS
25	MG211	2/ VENT	SPRING LOADED LATCH	6063-T6	ALTERNATE TO SWEEP LATCH
25A	-	1/ LATCH	LATCH SPRING	ST. STEEL	-
26	-	2/ WDW.	HI-FLOW WEEPER	-	PREFERRED ENGINEERING PRODUCTS
27	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL
28	-	AS REQD.	SILL INSERT, 2" LONG	6063-T6	AT MTG. STILE LOCATION
29	-	AS REQD.	SETTING BLOCK AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A



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**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. #6389)  
 TEL. (305) 262-6978 FAX. (305) 264-8100  
 COMP-ANL W16-29MG

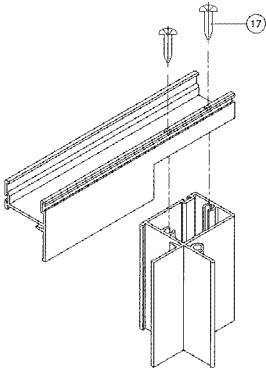
MR. CLASS DOORS & WINDOWS INC.  
 8120 N.W. 84 STREET  
 MEDLEY, FL. 33165  
 TEL. (305) 470-8284 FAX. (305) 470-8285

MG-300 ALUM. HORIZ. ROLLING WDW. (S.M.L.)

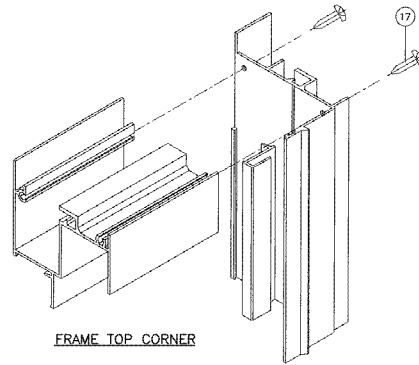
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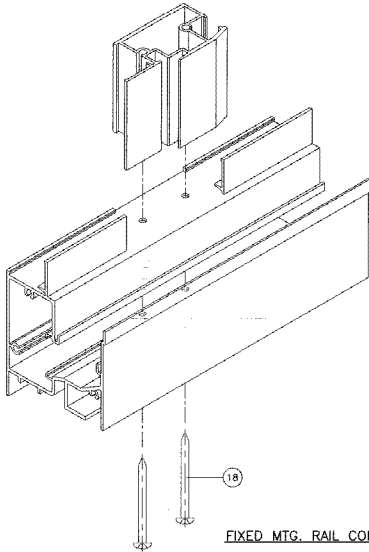
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 sheet 7 of 8



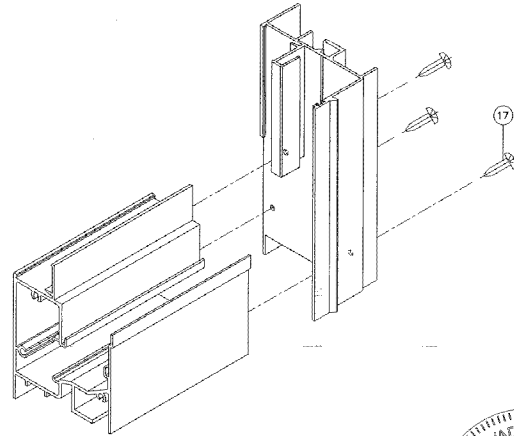
VENT TOP/BOTTOM CORNER



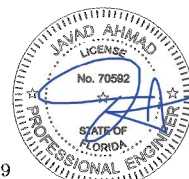
FRAME TOP CORNER



FIXED MTG. RAIL CORNER



FRAME BOTTOM CORNER



FL #20359

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**af c**  
**AL-FAROOG CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
 MIAMI, FLORIDA 33173 TEL: (305) 262-9874  
 TEL: (305) 264-8100 FAX: (305) 262-9874  
 COMP-ANL W15-28MG

MG-300 ALUM. HORIZ. ROLLING WDW. (S.M.I.)  
**MR. GLASS DOORS & WINDOWS INC.**  
 8720 N.W. 84 STREET  
 MEDLEY, FL. 33166 TEL: (305) 470-6284 FAX: (305) 470-8285

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date: 04-15-16  
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**W16-28**  
 sheet 8 of 8