



Product Approval
USER: Public User

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OFFICE OF THE
SECRETARY

FL #	FL40676-R2
Application Type	Revision
Code Version	2023
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Mr-Glass Doors & Windows Manufacturing, LLC
Address/Phone/Email	8051 NW 79th Place Medley, FL 33166 (305) 470-8284 ulises@mrglasswindows.com
Authorized Signature	Ulises Senaris ulises@mrglasswindows.com
Technical Representative	Augusto Arias
Address/Phone/Email	8120 NW 84th St Medley, FL 33166 (305) 470-8284 aarias@mrglasswindows.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Fixed
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ☐ Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	Jalal Farooq
Florida License	PE-81223
Quality Assurance Entity	Keystone Certifications, Inc.
Quality Assurance Contract Expiration Date	04/30/2035
Validated By	Abel Carrasco, PE ☒ Validation Checklist - Hardcopy Received
Certificate of Independence	FL40676_R2_COI_SS - Certificate of Independence 2021.pdf

Referenced Standard and Year (of Standard)	Standard	Year
	TAS 201	1994
	TAS 202	1994
	TAS 203	1994

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

10/23/2023

Date Validated

10/23/2023

Date Pending FBC Approval

10/31/2023

Date Approved

12/13/2023

Summary of Products

FL #	Model, Number or Name	Description
40676.1	Series MG-450 Aluminum Fixed Window	Large missile impact resistant aluminum fixed window.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +100/-130 Other: See drawings 21-76F for span vs load combination and installation details.		Installation Instructions FL40676 R2 II SS- MG450 FIXED (LMI) - DWG 21-76F 2023 R1.pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes Evaluation Reports FL40676 R2 AE SS - MG450 FIXED (LMI) - PAE 2023 R1.pdf Created by Independent Third Party: Yes
40676.2	Series MG-450 Aluminum Fixed Window	Small missile impact resistant aluminum fixed window.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +100/-130 Other: See drawings 22-01F for span vs load combination and installation details.		Installation Instructions FL40676 R2 II SS- MG450 FIXED (SMI) - DWG 22-01F 2023 R1.pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes Evaluation Reports FL40676 R2 AE SS - MG450 FIXED (SMI) - PAE 2023 R1.pdf Created by Independent Third Party: Yes

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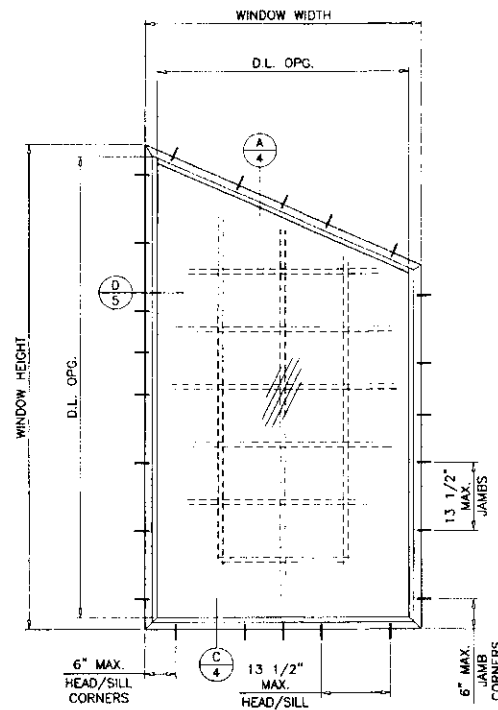
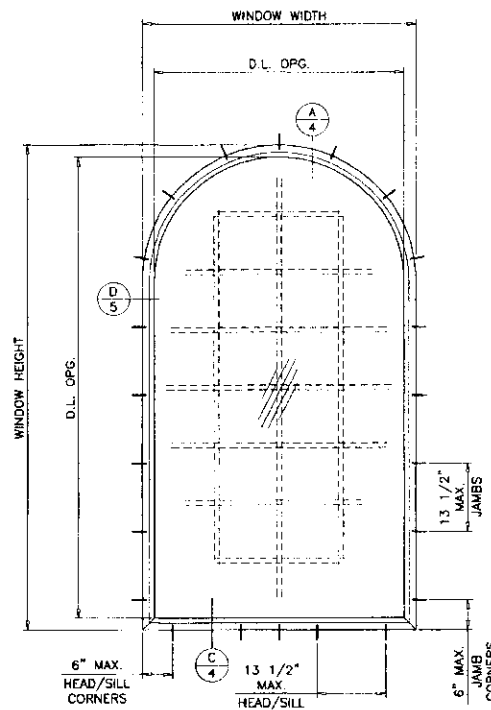
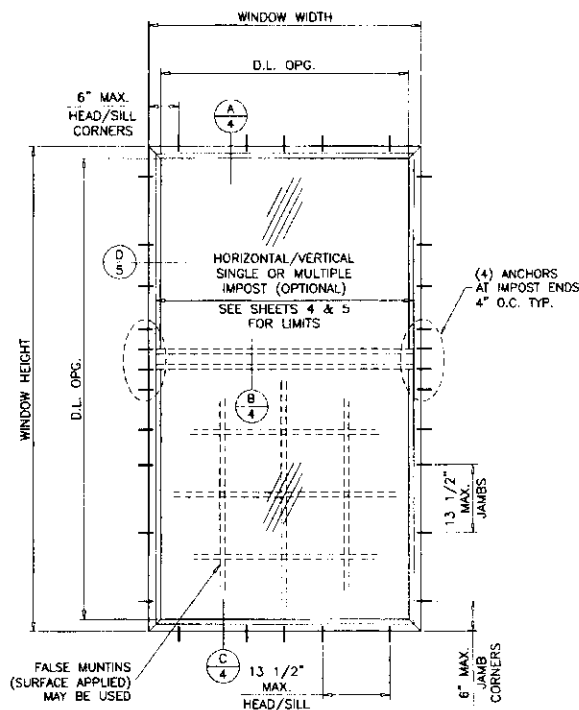
Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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Product Approval Accepts:





TYPICAL ELEVATIONS
(TESTED UNITS)

SERIES MG-450
ALUMINUM FIXED WINDOW (L.M.I.)

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIXED 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 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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

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

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

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

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

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

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

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.

DAYLITE OPENINGS:

D.L.O. HEIGHT = WINDOW HEIGHT - 4.750"
D.L.O. WIDTH = WINDOW WIDTH - 4.750"

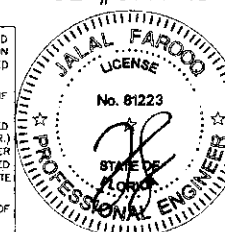
WINDOWS COMPLY WITH REQUIREMENTS OF ANSI Z97.1.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

Sealed: 10/23/2023

FL #40676.1

- 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 PROJECTS 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



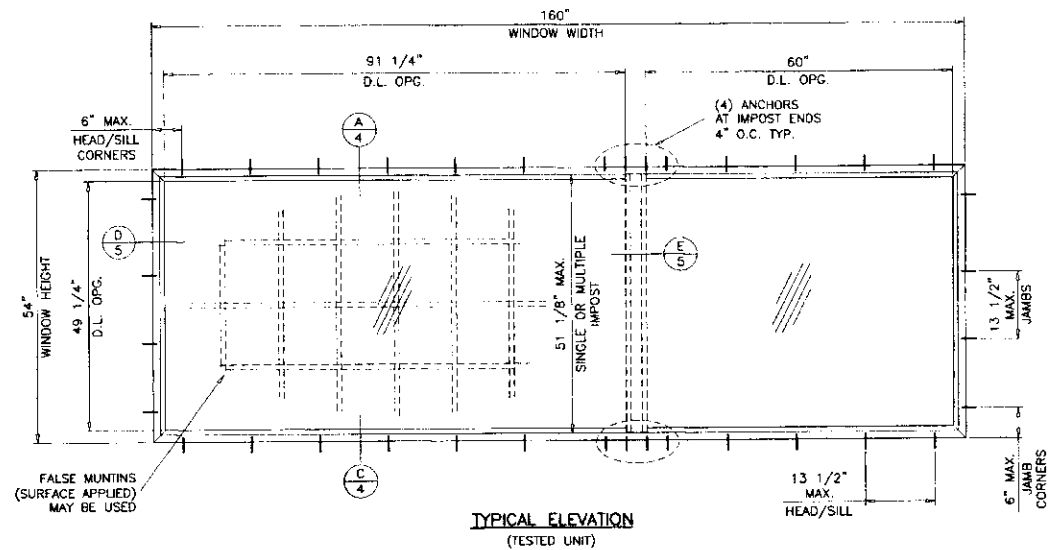
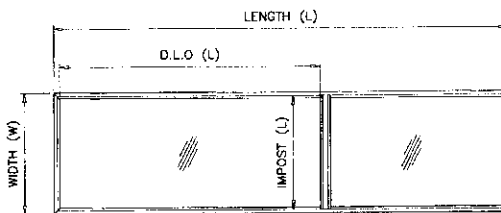
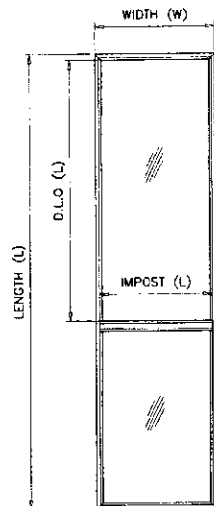
af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBIPE #3538

MG-450 ALUMINUM FIXED HDW. (L.M.I.)

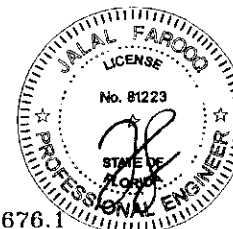
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 764-3563
WWW.MRGLASSWINDOWS.COM

REVISIONS:	no. date	description	by	date
	12-23-21	NEW TEST ADDED		
	10-27-23			
scale: 1/2"=1'-0"		dr. by: TARD		
date: 10/23/2023		ch. by:		
drawing no.		21-76F		
sheet 1 of 8				



DESIGN LOAD CAPACITY - PSF FOR WINDOWS SHOWN ON THIS SHEET ONLY					
MAX. FRAME DIMS.				GLASS TYPES 'A', 'Ai' & 'B'	
WIDTH (W)	LENGTH (L)	D.L.O. (L)	IMPOST (L)	IMPOST REINF.	
48"	180"	103-1/4"	45-1/8"	W/O TUBE	80.0 80.0
51"	169-3/8"	96-7/8"	48-1/8"		76.7 76.7
54"	160"	91-1/4"	51-1/8"		60.2 60.2
48"	180"	103-1/4"	45-1/8"	WITH TUBE	80.0 80.0
51"	169-3/8"	96-7/8"	48-1/8"		80.0 80.0
54"	160"	91-1/4"	51-1/8"		80.0 80.0

Sealed: 10/23/2023



FL #40676.1

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538

COMP-ANL21-76F-MG

MG-450 ALUMINUM FIXED WDW. (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 764-3963
WWW.MRGLASSWINDOWS.COM

Revisions:
date: 12-23-21
no. date by description
scale: 1/2" = 1'-0"
dr. by: JAF/AG
chk. by:

drawing no.
21-76F

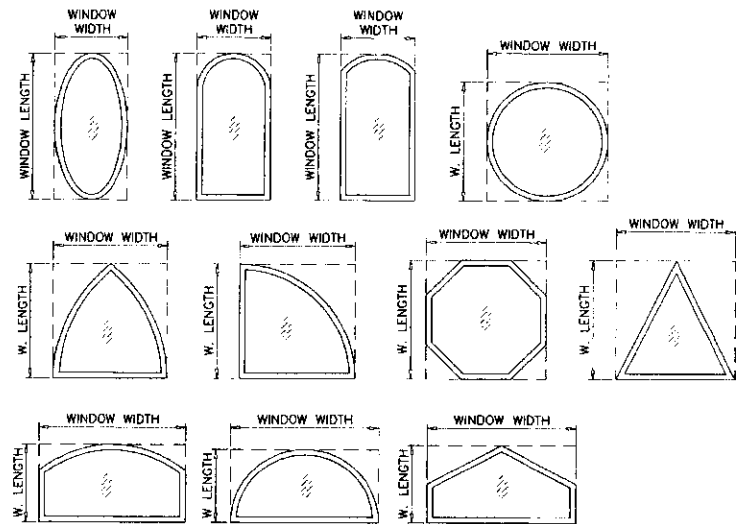
sheet 1.1 of 8

DESIGN LOAD CAPACITY - PSF					
MAX. FRAME DIMS.		GLASS TYPES 'A' & 'A1'		GLASS TYPE 'B'	
WIDT (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	48"	80.0	80.0	100.0	130.0
36"		80.0	80.0	100.0	130.0
42"		80.0	80.0	100.0	130.0
48"		80.0	80.0	100.0	130.0
54"		80.0	80.0	100.0	130.0
60"		80.0	80.0	100.0	130.0
66"		80.0	80.0	100.0	130.0
72"	54"	80.0	80.0	100.0	130.0
76"		80.0	80.0	100.0	130.0
30"		80.0	80.0	100.0	130.0
36"		80.0	80.0	100.0	130.0
42"		80.0	80.0	100.0	130.0
48"		80.0	80.0	100.0	130.0
54"		80.0	80.0	100.0	130.0
60"	60"	72.0	72.0	100.0	130.0
66"		72.0	72.0	100.0	130.0
72"		72.0	72.0	100.0	130.0
76"		80.0	80.0	100.0	130.0
30"		80.0	80.0	100.0	130.0
36"		80.0	80.0	100.0	130.0
42"		80.0	80.0	100.0	130.0
48"	66"	80.0	80.0	100.0	130.0
54"		80.0	80.0	100.0	130.0
60"		72.0	72.0	100.0	130.0
66"		72.0	72.0	100.0	130.0
72"		72.0	72.0	100.0	130.0
76"		80.0	80.0	100.0	130.0
84"	72"	80.0	80.0	100.0	130.0
30"		80.0	80.0	100.0	130.0
36"		80.0	80.0	100.0	130.0
42"		80.0	80.0	100.0	130.0
48"		80.0	80.0	100.0	130.0
54"		80.0	80.0	100.0	130.0
60"		72.0	72.0	100.0	130.0
66"	78"	80.0	80.0	100.0	130.0
72"		80.0	80.0	100.0	130.0
76"		80.0	80.0	100.0	130.0
84"		80.0	80.0	100.0	130.0
90"		80.0	80.0	100.0	130.0
96"		80.0	80.0	100.0	130.0
102"		80.0	80.0	100.0	130.0

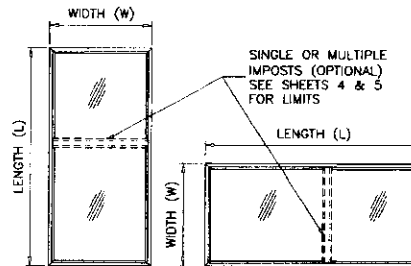
DESIGN LOAD CAPACITY - PSF					
MAX. FRAME DIMS.		GLASS TYPES 'A' & 'A1'		GLASS TYPE 'B'	
WIDT (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	96"	80.0	80.0	100.0	130.0
36"		80.0	80.0	100.0	130.0
42"		80.0	80.0	100.0	130.0
48"		80.0	80.0	85.0	120.0
54"		80.0	80.0	80.0	106.7
60"		80.0	80.0	68.0	96.0
66"		80.0	80.0	68.0	96.0
30"	108"	80.0	80.0	100.0	130.0
36"		80.0	80.0	100.0	130.0
42"		80.0	80.0	85.0	120.0
48"		80.0	80.0	85.0	120.0
54"		80.0	80.0	85.0	120.0
60"		80.0	80.0	85.0	120.0
66"		80.0	80.0	85.0	120.0
30"	120"	80.0	80.0	100.0	130.0
36"		80.0	80.0	100.0	130.0
42"		80.0	80.0	85.0	120.0
48"		80.0	80.0	85.0	120.0
54"		80.0	80.0	85.0	120.0
60"		80.0	80.0	85.0	120.0
66"		80.0	80.0	85.0	120.0
30"	132"	80.0	80.0	100.0	130.0
36"		80.0	80.0	85.0	120.0
42"		80.0	80.0	85.0	120.0
48"		80.0	80.0	85.0	120.0
54"		80.0	80.0	85.0	120.0
60"		80.0	80.0	85.0	120.0
66"		80.0	80.0	85.0	120.0
30"	144"	80.0	80.0	100.0	130.0
36"		80.0	80.0	85.0	120.0
42"		80.0	80.0	85.0	120.0
48"		80.0	80.0	85.0	120.0
54"		80.0	80.0	85.0	120.0
60"		80.0	80.0	85.0	120.0
66"		80.0	80.0	85.0	120.0
30"	156"	80.0	80.0	100.0	130.0
36"		80.0	80.0	85.0	120.0
42"		80.0	80.0	85.0	120.0
48"		80.0	80.0	85.0	120.0
54"		80.0	80.0	85.0	120.0
60"		80.0	80.0	85.0	120.0
66"		80.0	80.0	85.0	120.0
30"	168"	80.0	80.0	100.0	130.0
36"		80.0	80.0	85.0	120.0
42"		80.0	80.0	85.0	120.0
48"		80.0	80.0	85.0	120.0
54"		80.0	80.0	85.0	120.0
60"		80.0	80.0	85.0	120.0
66"		80.0	80.0	85.0	120.0

DESIGN LOAD CAPACITY - PSF					
MAX. FRAME DIMS.		GLASS TYPES 'A' & 'A1'		GLASS TYPE 'B'	
WIDT (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	80.0	80.0	100.0	130.0
26-1/2"		80.0	80.0	100.0	130.0
37"		80.0	80.0	100.0	130.0
53-1/8"		80.0	80.0	100.0	130.0
19-1/8"	38-3/8"	80.0	80.0	100.0	130.0
26-1/2"		80.0	80.0	100.0	130.0
37"		80.0	80.0	100.0	130.0
53-1/8"		80.0	80.0	100.0	130.0
19-1/8"	50-5/8"	80.0	80.0	100.0	130.0
26-1/2"		80.0	80.0	100.0	130.0
37"		80.0	80.0	100.0	130.0
53-1/8"		80.0	80.0	100.0	130.0
19-1/8"	56"	80.0	80.0	100.0	130.0
26-1/2"		80.0	80.0	100.0	130.0
37"		80.0	80.0	100.0	130.0
53-1/8"		80.0	80.0	100.0	130.0
19-1/8"	63"	80.0	80.0	100.0	130.0
26-1/2"		80.0	80.0	100.0	130.0
37"		80.0	80.0	100.0	130.0
53-1/8"		80.0	80.0	100.0	130.0
19-1/8"	72"	80.0	80.0	100.0	130.0
26-1/2"		80.0	80.0	100.0	130.0
37"		80.0	80.0	100.0	130.0
53-1/8"		80.0	80.0	100.0	130.0
19-1/8"	76"	80.0	80.0	100.0	130.0
26-1/2"		80.0	80.0	100.0	130.0
37"		80.0	80.0	100.0	130.0
53-1/8"		80.0	80.0	98.6	128.2
19-1/8"	84"	80.0	80.0	100.0	130.0
26-1/2"		80.0	80.0	100.0	130.0
37"		80.0	80.0	100.0	130.0
53-1/8"		80.0	80.0	95.7	124.4

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS).

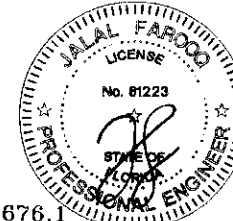


ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE
VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS
SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.
LIMIT MAX. DESIGN LOADS FOR ALTERNATE SHAPES TO ± 80.0 PSF



NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE
ORIENTED VERTICALLY OR HORIZONTALLY
AS SHOWN ABOVE.

Sealed: 10/23/2023



FL #40676.1

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FBPE #3538

MG-450 ALUMINUM FIXED WDW. (L.M.I.)

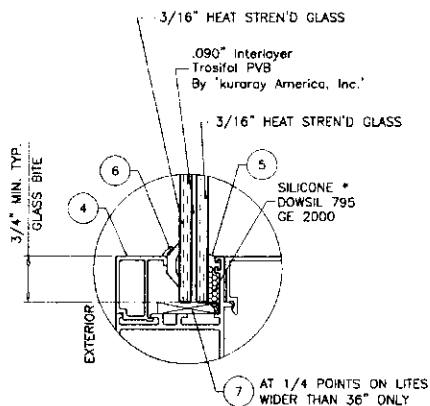
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel: (305) 764-3963
WWW.MTG.DSSWINDOWS.COM

revisions:
no. date by description

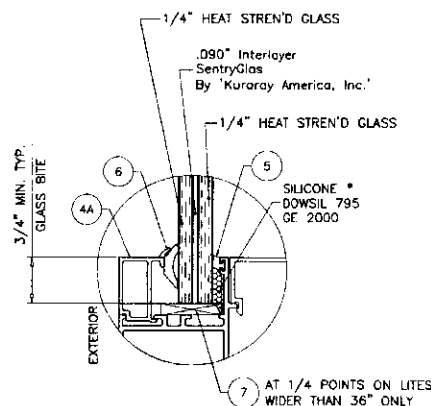
date: 12-23-21
scale: -
dr. by: FAROQ
chk. by:

drawing no.
21-76F

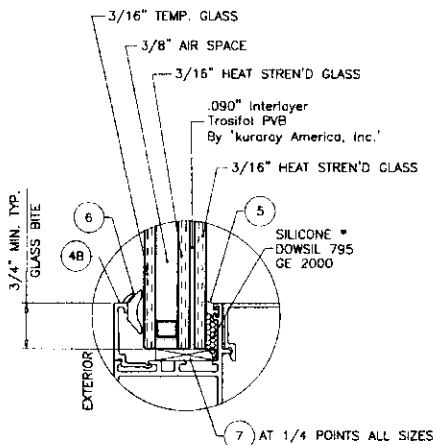
sheet 2 of 8



GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS



GLASS TYPE 'B'
9/16" OVERALL LAM. GLASS

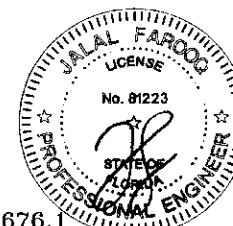


GLASS TYPE 'Ai'
13/16" OVERALL INSUL. LAM. GLASS

*
DOWSIL 795 SILICONE
LIMIT MAX. DESIGN LOAD TO ± 120.0 PSF
GE 2000 SILICONE
LIMIT MAX. DESIGN LOAD TO ± 80.0 PSF
FOR WDW. AREA MORE THAN 30.4 SQ. FT.

3/8" AIR SPACE CONSISTING OF:
SPACER:
'HELIMA' LOW PROFILE ALUMINUM SPACER
BY 'LINGERMANN GMBH'
AROUND THE PERIMETER OF THE GLASS.
PERIMETER SEALANT:
SILICONE
DOWSIL 791
GE 2000
OR
'DURASEAL' EDGE SEAL SYSTEM
BY 'QUANEX'

Sealed: 10/23/2023



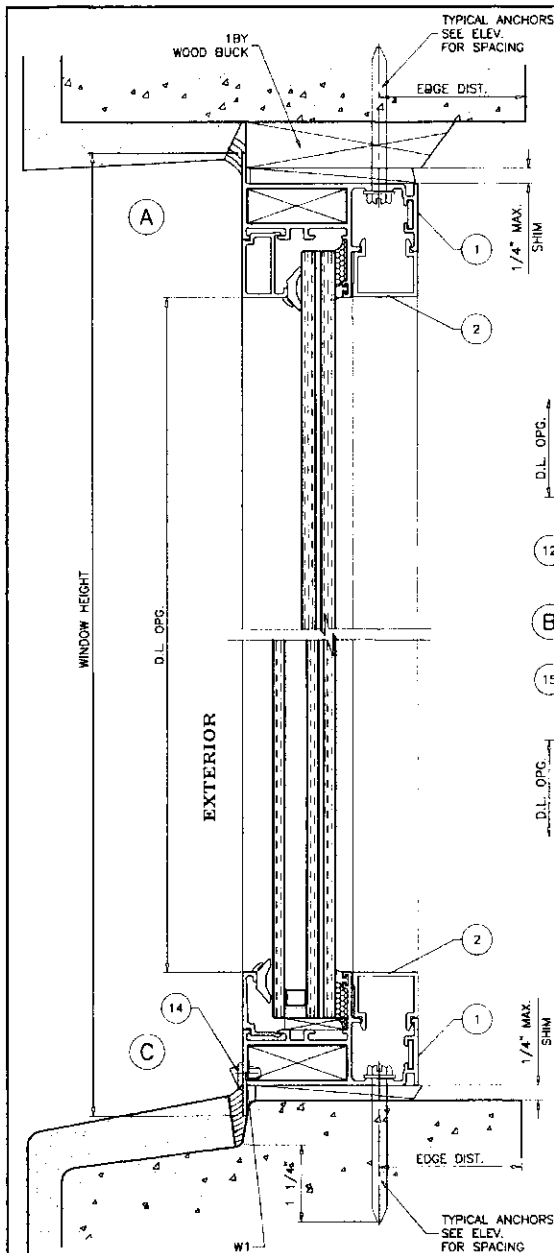
FL #40676.1

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FBPE #5538
COMP-ALL 21-76F-MC

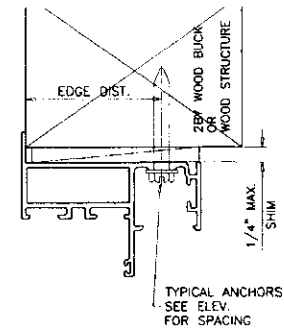
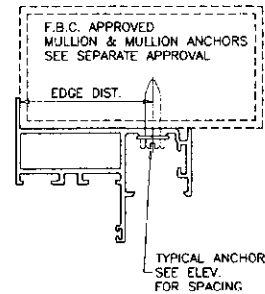
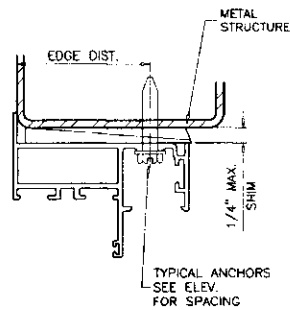
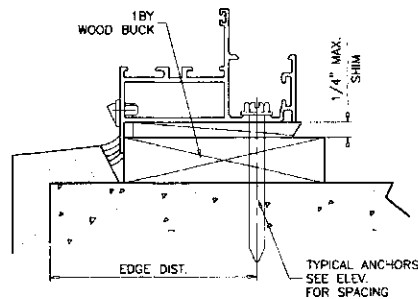
MC-450 ALUMINUM FIXED WDW. (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 784-3963
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Revisions:		date		by		description	
no	date	no	date	no	date	no	date
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drawing no.
21-76F
sheet 3 of 8



LIMIT MAX. DESIGN LOADS FOR WINDOWS WITH IMPOST AS FOLLOWS		
MAX. LENGTH	REINF.	LOADS - PSF
45-1/8"		80.0
48-1/8"	W/O TUBE	76.7
51-1/8"		60.2
51-1/8"	WITH TUBE	80.0



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 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
1-1/4" 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)

TYPICAL EDGE DISTANCE

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

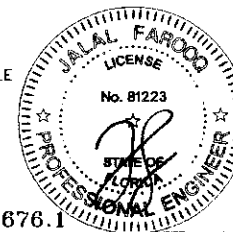
WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

WEEPHOLES:

W1 = 5/16" X 1-3/4" WEEPHOLES WITH PLASTIC BAFFLE
AT 5-1/2" FROM EACH END

Sealed: 10/23/2023

FL #40676.1



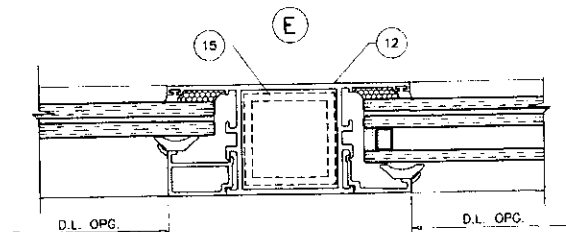
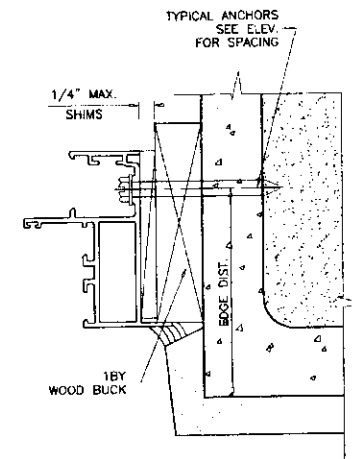
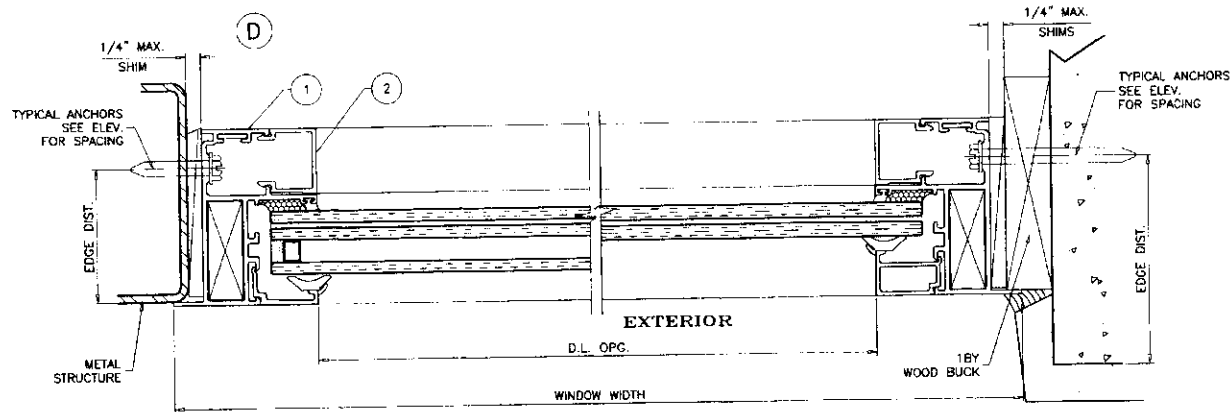
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
COMP-ANL21-76F-MG

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 764-3963
WWW.MRGLOSSWINDOWS.COM

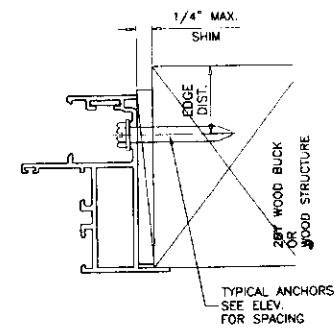
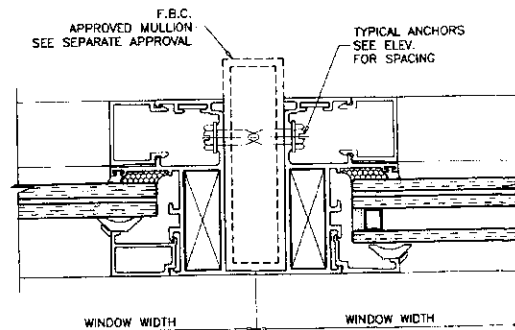
MG-450 ALUMINUM FIXED WDW. (L.M.I.)

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dr. by FAROQ
chk. by

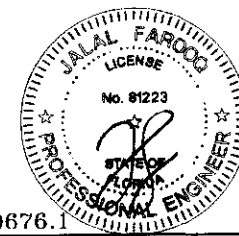
drawing no.
21-76F
sheet 4 of 8



LIMIT MAX. DESIGN LOADS FOR WINDOWS WITH IMPOST AS FOLLOWS		
MAX. LENGTH	REINF.	LOADS - PSF
45-1/8"		80.0
48-1/8"	W/O TUBE	76.7
51-1/8"		80.2
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Sealed: 10/23/2023

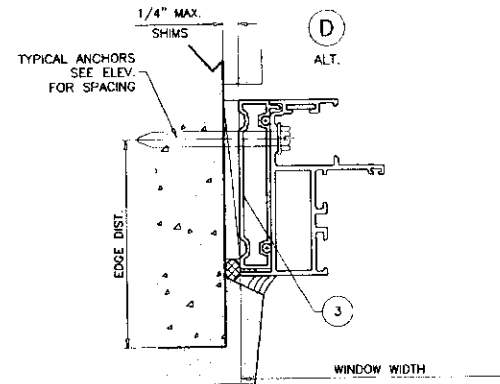
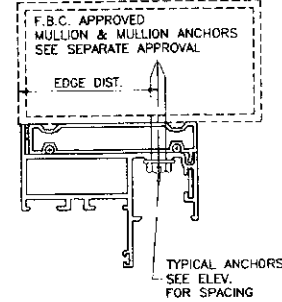
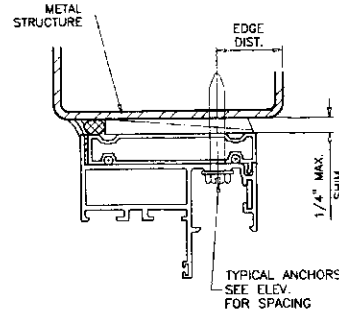
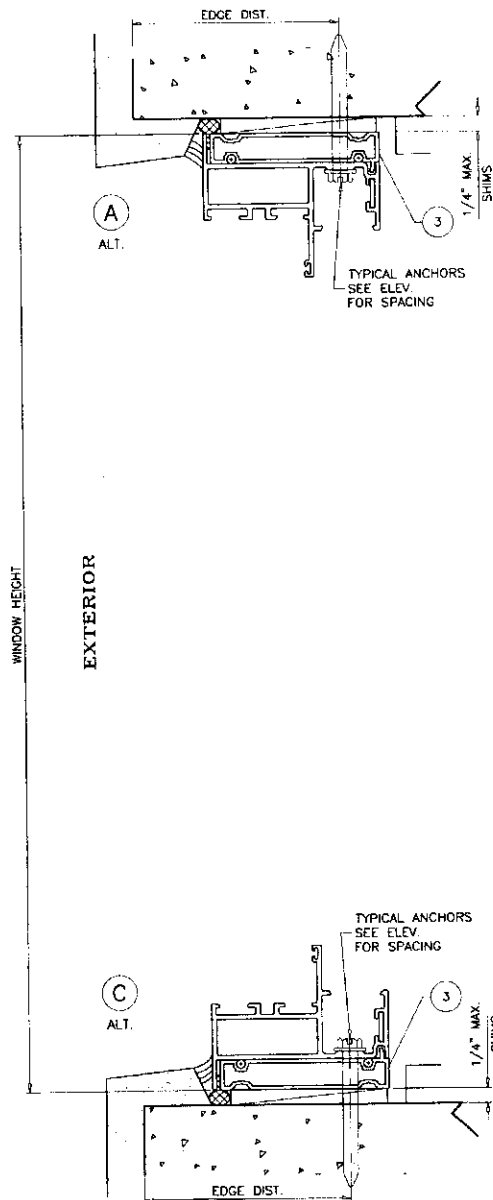


FL #40676.1

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 FBPE #8638
 COMP-ANL\21-76F-MG

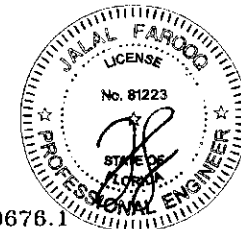
MG-450 ALUMINUM FIXED WDW (L.M.I.)
 MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
 8051 N.W. 75th Place
 Medley, FL 33166
 Tel. (305) 764-3863
 WWW.MYGLASSWINDOWS.COM

REVISIONS:	NO.	DATE	DESCRIPTION
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INSTALLATION DETAILS WITH FLUSH FRAME ADAPTERS
SEE SHEETS 4 & 5 FOR WINDOW DETAILS

Sealed: 10/23/2023



FL #40676.1

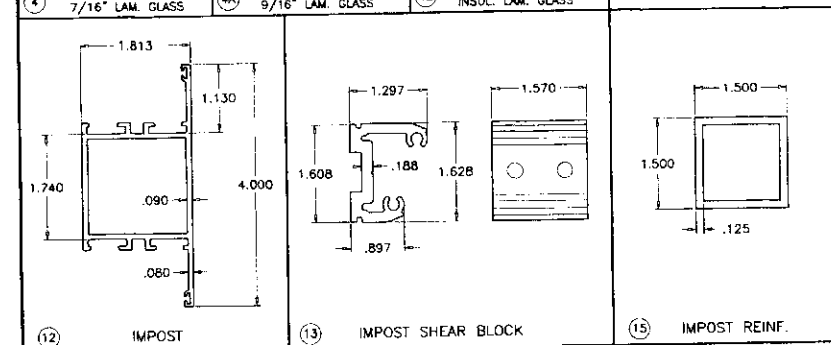
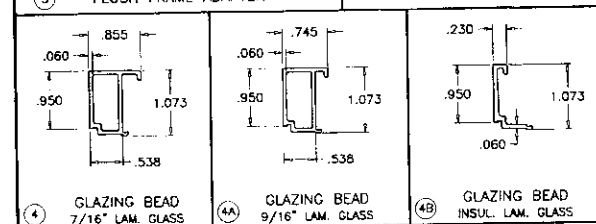
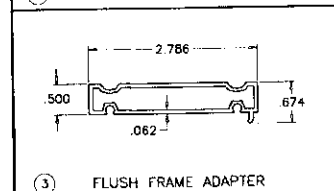
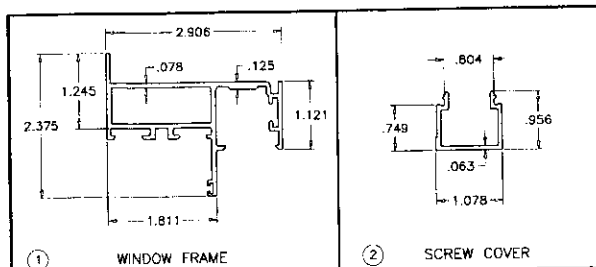
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REV.	DATE	DESCRIPTION
1	12-23-21	12-23-21

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dr. by: TARIQ
chk. by:

drawing no.
21-76F
sheet 6 of 8

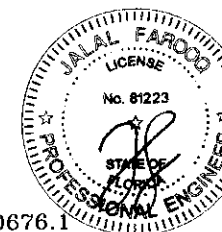


ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E-451	4	WINDOW FRAME	6063-T6	-
2	E-452	4	SCREW COVER	6063-T6	-
3	E-212	4	FLUSH FRAME ADAPTER	6063-T6	-
4	E-9001	4	GLAZING BEAD (7/16" LAM. GLASS)	6063-T6	-
4A	E-9004	4	GLAZING BEAD (9/16" LAM. GLASS)	6063-T6	-
4B	E-9002	4	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
5	G30-01	AS REQD.	INTERIOR GLAZING GASKET	SANTOPRENE	-
6	G10-04	AS REQD.	EXTERIOR GLAZING GASKET	EPDM	-
7	G25-08	AS REQD.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
8	1/4-20 X 9/16"	AS REQD.	FRAME ASSEMBLY FASTENERS	ST/ST	SOCKET HEAD MS
9	#10 X 1"	AS REQD.	ADAPTER ASSEMBLY FASTENERS	ST/ST	F.H. SMS
10	A45-01	1/ CORNER	FIXED CORNER KEY	6063-T5	-
10A	A45-01	1/ CORNER	ADJUSTABLE CORNER KEY	6063-T5	-
11	A45-11	1/ CORNER	FIXED ALIGNMENT KEY	ST. STEEL	-
11A	A45-12	1/ CORNER	ADJUSTABLE ALIGNMENT KEY	6063-T5	-
12	E-3012	AS REQD.	IMPOST	6063-T6	-
13	A30-02	AS REQD.	IMPOST SHEAR BLOCK	6063-T6	-
14	G2-01	2	DRAIN VALVE	PLASTIC	-
15	-	AS REQD.	TUBE REINF. AT IMPOST	6063-T6	-
16	-	-	-	-	-

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE.

Sealed: 10/23/2023

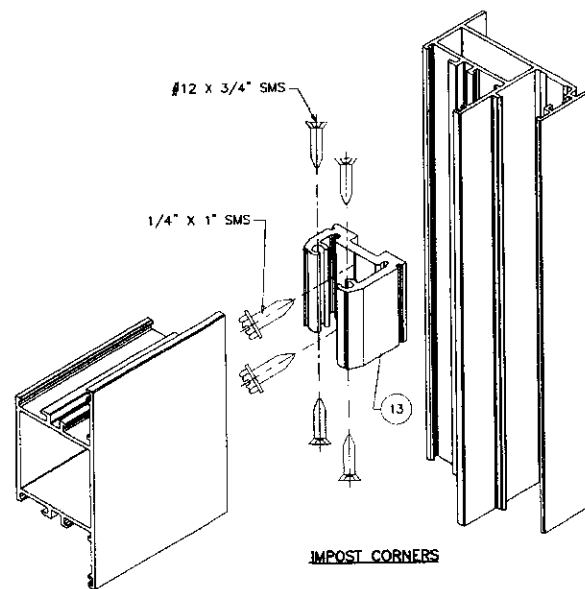
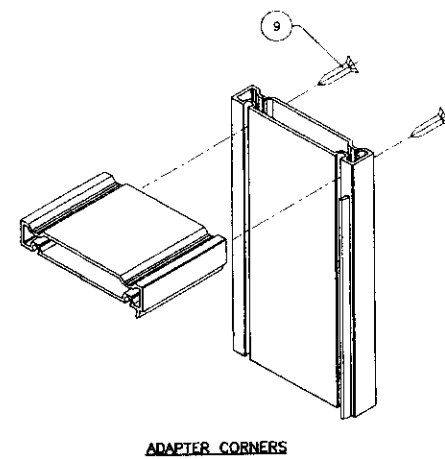
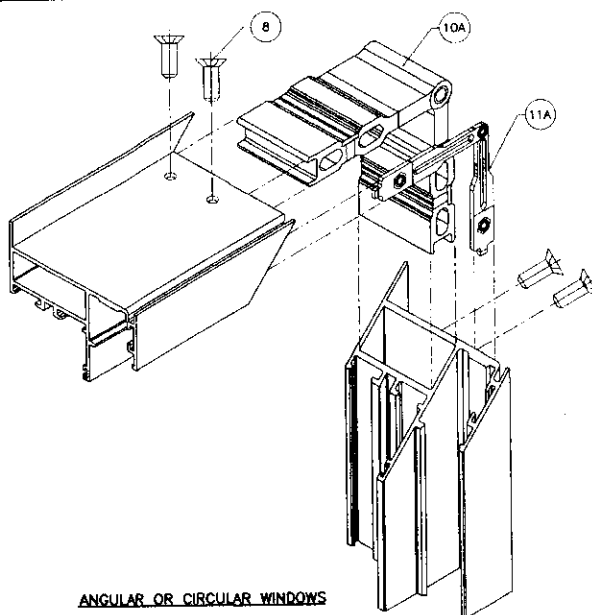
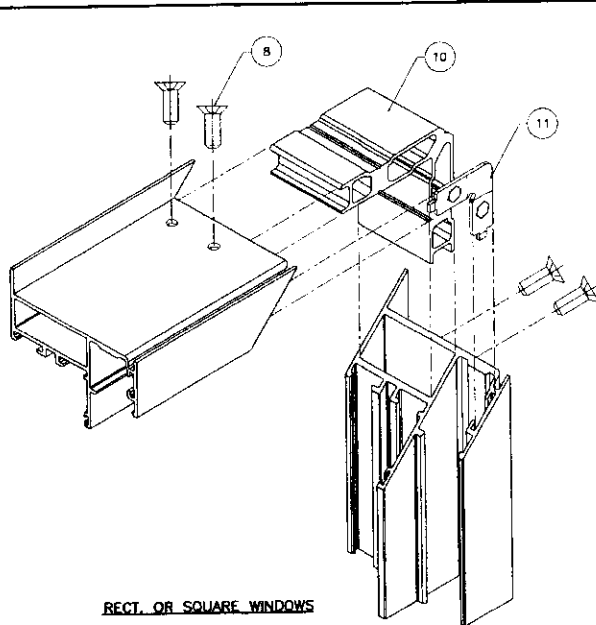


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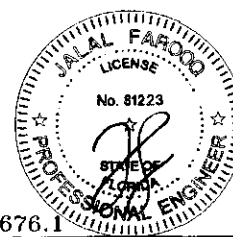
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dr. by: TARIO
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sheet 7 of 8



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sheet 8 of 8