

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.

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

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

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

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

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

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

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

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.

WINDOWS WITH GLASS TYPE 'B' COMPLY WITH REQUIREMENTS OF ANSI Z97.1.

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

Sealed: 7/21/2023

- 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



description UPDATED TO 2023 FBC þ 1/2"=1 drawing

sheet 1 of 7

by: 유 남 no.

: 220 (C.A.N. 3538) X. (305) 262-6978

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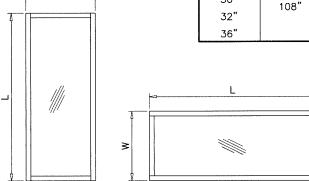
MANUFACTURING,

DOORS & WINDOWS N.W. 79th Place FL. 33166 764-3963 Fax.

MR-GLASS DC 8051 N.W. Medley, FL Tel. (305) 76

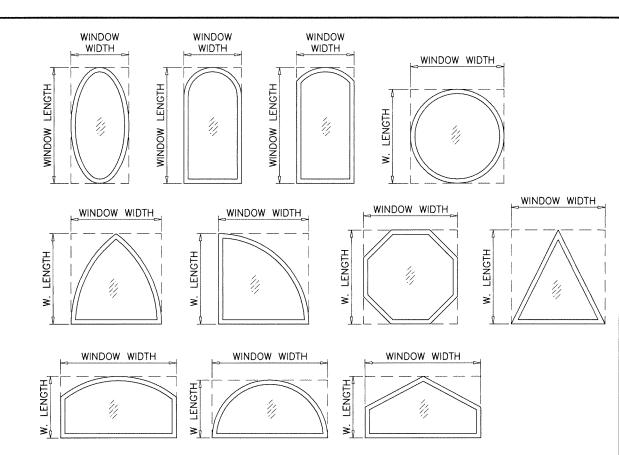
21-02F

PEGION TOTAL CARRIES TO						DESIGN LOAD CAPACITY - PSF					
DESIGN LOAD CAPACITY -							DESIGN				
FRAME DIMS.		GLASS TYPES 'A' & 'Ai'		GLASS TYPES 'B' & 'Bi'		FRAME DIMS.		GLASS TYPES 'A' & 'Ai'		GLASS TYPES 'B' & 'Bi'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
19-1/8"	26"	65.0	65.0	100.0	100.0	24"	48"	65.0	65.0	100.0	100.0
26-1/2"		65.0	65.0	100.0	100.0	30"		65.0	65.0	100.0	100.0
37"		65.0	65.0	100.0	100.0	32"		65.0	65.0	100.0	100.0
53-1/8"		65.0	65.0	100.0	100.0	36"		65.0	65.0	100.0	100.0
19-1/8"	38-3/8"	65.0	65.0	100.0	100.0	42"		65.0	65.0	100.0	100.0
26-1/2"		65.0	65.0	100.0	100.0	48"		65.0	65.0	100.0	100.0
37"		65.0	65.0	100.0	100.0	54"		65.0	65.0	100.0	100.0
53-1/8"		65.0	65.0	100.0	100.0	24"	60"	65.0	65.0	100.0	100.0
19-1/8"	50-5/8"	65.0	65.0	100.0	100.0	30"		65.0	65.0	100.0	100.0
26-1/2"		65.0	65.0	100.0	100.0	32"		65.0	65.0	100.0	100.0
37"		65.0	65.0	100.0	100.0	36"		65.0	65.0	100.0	100.0
53-1/8"		65.0	65.0	94.8	94.8	42"		65.0	65.0	100.0	100.0
19-1/8"	56"	65.0	65.0	100.0	100.0	48"		65.0	65.0	100.0	100.0
26-1/2"		65.0	65.0	100.0	100.0	54"		65.0	65.0	88.9	88.9
37"		65.0	65.0	100.0	100.0	24"	72"	65.0	65.0	100.0	100.0
53-1/8"		65.0	65.0	90.4	90.4	30"		65.0	65.0	100.0	100.0
19-1/8"	63"	65.0	65.0	100.0	100.0	32"		65.0	65.0	100.0	100.0
26-1/2"		65.0	65.0	100.0	100.0	36"		65.0	65.0	100.0	100.0
37"		65.0	65.0	100.0	100.0	42"		65.0	65.0	100.0	100.0
53-1/8"		65.0	65.0	90.4	90.4	48"		65.0	65.0	100.0	100.0
19-1/8"	72"	65.0	65.0	100.0	100.0	54"		65.0	65.0	88.9	88.9
26-1/2"		65.0	65.0	100.0	100.0	24"	84"	65.0	65.0	100.0	100.0
37"		65.0	65.0	100.0	100.0	30"		65.0	65.0	100.0	100.0
53-1/8"		65.0	65.0	90.4	90.4	32"		65.0	65.0	100.0	100.0
19-1/8"	76"	65.0	65.0	100.0	100.0	36"		65.0	65.0	100.0	100.0
26-1/2"		65.0	65.0	100.0	100.0	42"		65.0	65.0	100.0	100.0
37"		65.0	65.0	100.0	100.0	48"		65.0	65.0	100.0	100.0
						24"	96"	65.0	65.0	100.0	100.0
					30"	65.0		65.0	100.0	100.0	
W						32"		65.0	65.0	100.0	100.0
						36"		65.0	65.0	100.0	100.0
						42"		65.0	65.0	100.0	100.0
						24"	108"	65.0	65.0	100.0	100.0
						30"		65.0	65.0	100.0	100.0
						32"		65.0	65.0	100.0	100.0
						36"		65.0	65.0	100.0	100.0



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

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.

No. 81223

(C.A.N. 3538) FAX. (305) 262-6978 COMP-ANI \

 AL-FAROOQ CORPORATION

 ENGINEERS & PRODUCT DEVELOPMENT

 9360 SUNSET DRIVE, SUITE 220

 MIAMI, FLORIDA 33173
 (C.A.N. 3538)

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 CC MR-CLASS DOORS & WINDOWS MANUFACTURING, 8051 N.W. 79th Place Medley, FL. 33166 Fax. (305) 764-3963 Fax. (305) 470-828 MRG-400 ALUMINUM FIXED WDW. (L.M.I.) revisions: no date by description

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drawing

21-02F

sheet 2 of 7

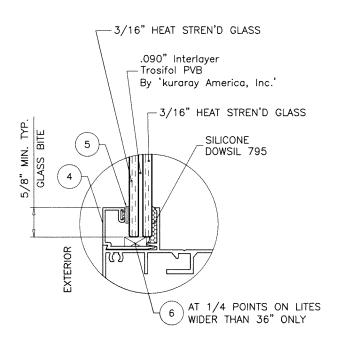
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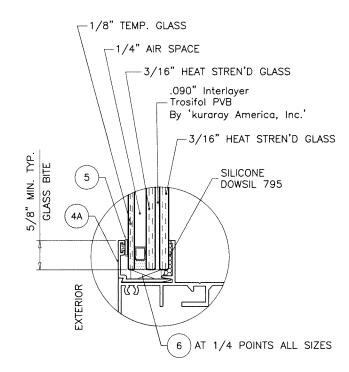
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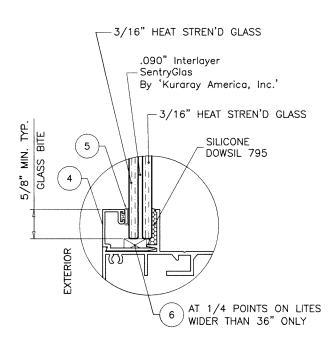
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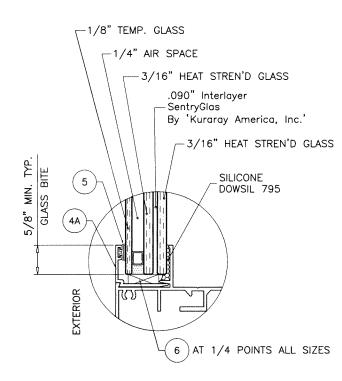
GLASS TYPE 'A' 7/16" OVERALL LAM. GLASS



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



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



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

1/4" AIR SPACE CONSISTING OF: SPACER: BY 'LINGERMANN GMBH' AROUND THE PERIMETER OF THE GLASS. PERIMETER SEALANT: SILICONE DOWSIL 791 GE 2000 OR 'DURASEAL' EDGE SEAL SYSTEM BY 'QUANEX'

'HELIMA' LOW PROFILE ALUMINUM SPACER

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FL #37319

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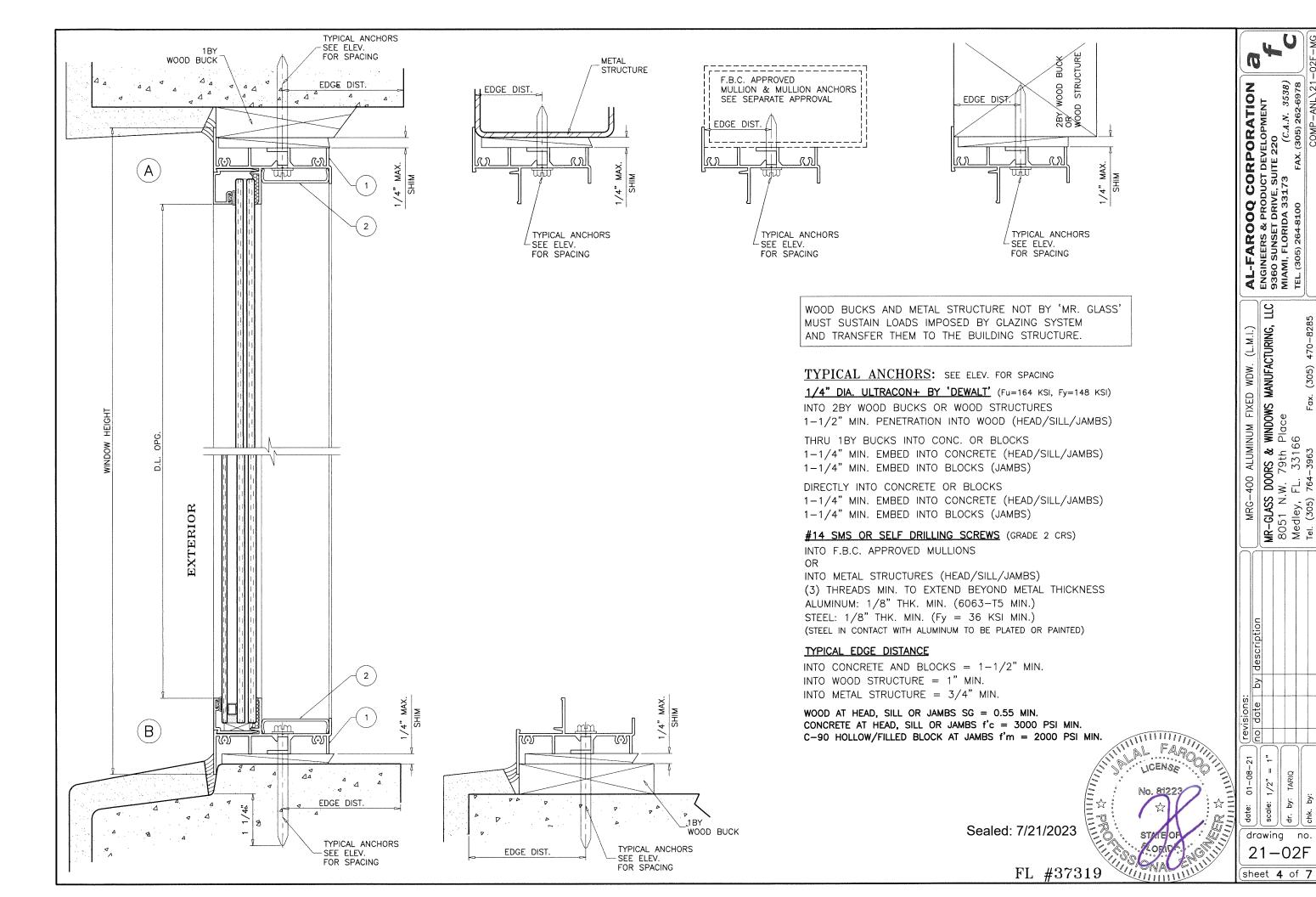
MR-GLASS DOORS & WINDOWS MANUFACTURING, 8051 N.W. 79th Place Medley, FL. 33166 Tel. (305) 764-3963 Fax. (305) 470-828 MRG-400 ALUMINUM FIXED WDW. (L.M.I.)

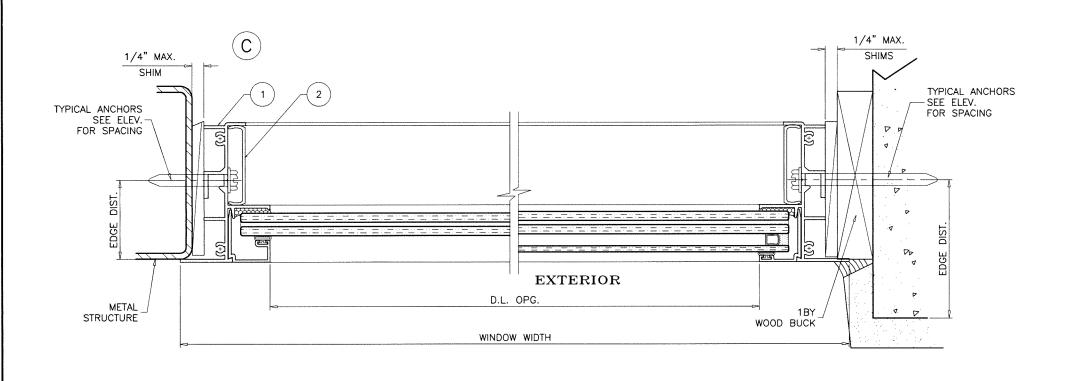
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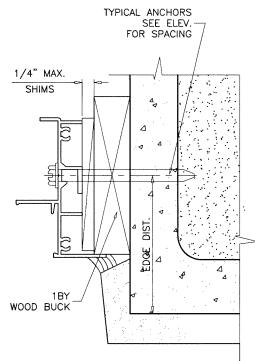
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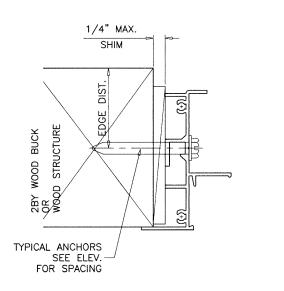
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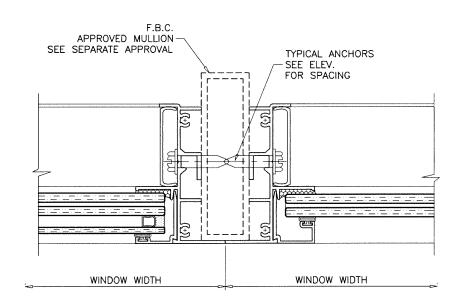
21-02F sheet **3** of **7**











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FL #37319

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 21 MRG-400 ALUMINUM FIXED WDW. (L.M.I.)

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Tel. (305) 764-3963 Fax. (305) 470-8285 revisions: no date by description 01-08-21 scale: 1/2" = 1"

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sheet **5** of **7**

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