

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

LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

MULLIONS IN BETWEEN.

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.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)' FOR EQUIVALENT LOADS IN 'LOAD AND RESISTANCE FACTOR DESIGN (LRFD)' MULTIPLY 'ASD' LOADS BY 1.67 (ASD LOAD X 1.67 = LRFD LOAD)

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.

(TESTED UNITS)

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

Sealed 6-9-2020

- 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
- B-THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- 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
- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

L #322

OZ-02-2

OZ-0 FL #32389

drawing sheet 1 of 5

WINDOW SYSTEMS, N.W. 80th STREET EY, FL. 33166 505) 885–5299 FAX (305) 8

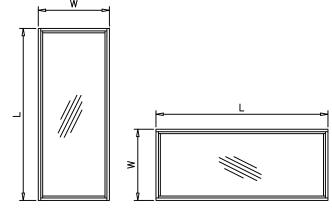
ECO WINE 8502 N.W. 8 MEDLEY, FL.

WDW.

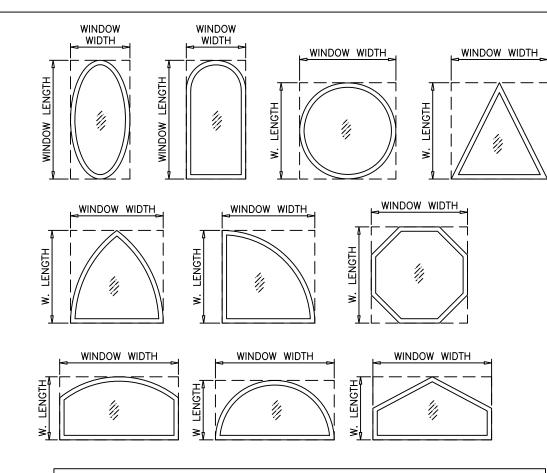
CORPORATION

DESIGN LOAD CAPACITY - PSF					
FRAME DIMS.		5/16" LAM. GLASS			
WIDTH	HEIGHT	EXT.(+)	1NT.(-)		
19-1/8"		60.0	60.0	Г	
26-1/2"	26"	60.0	60.0		
37"	20	60.0	60.0		
53-1/8"		60.0	60.0		
19-1/8"		60.0	60.0		
26-1/2"	38-3/8"	60.0	60.0		
37"	30-3/6	60.0	60.0		
53-1/8"		60.0	60.0		
19-1/8"		60.0	60.0		
26-1/2"	50-5/8"	60.0	60.0		
37"	30-376	60.0	60.0		
53-1/8"		56.9	56.9		
19-1/8"		60.0	60.0		
26-1/2"	56"	60.0	60.0		
37"	36	60.0	60.0		
53-1/8"		54.2	54.2		
19-1/8"		60.0	60.0	Г	
26-1/2"	63 "	60.0	60.0		
37"	63	60.0	60.0		
53-1/8"		54.2	54.2		
19-1/8"		60.0	60.0		
26-1/2"	72"	60.0	60.0		
37"		60.0	60.0		
19-1/8"		60.0	60.0		
26-1/2"	76"	60.0	60.0		
37"		60.0	60.0		

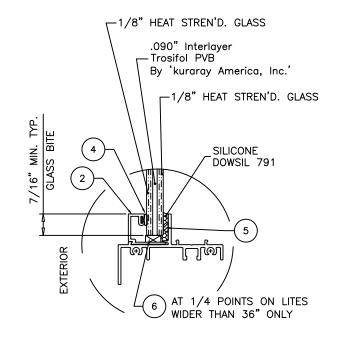
DESIG	N LOAD	CAPACITY			
FRAME	DIMS.		5/16" LAM. GLASS		
WIDTH	HEIGHT	EXT.(+)	1NT.(-)		
24"	48"	60.0	60.0		
30"		60.0	60.0		
32"		60.0	60.0		
36"		60.0	60.0		
42"		60.0	60.0		
48"		60.0	60.0		
54"		60.0	60.0		
60"		60.0	60.0		
24"		60.0	60.0		
30"		60.0	60.0		
32"		60.0	60.0		
36"	"	60.0	60.0		
42"	60"	60.0	60.0		
48"		60.0	60.0		
54"		53.3	53.3		
60"		48.0	48.0		
24"		60.0	60.0		
30"		60.0	60.0		
32"		60.0	60.0		
36"	72"	60.0	60.0		
42"		60.0	60.0		
48"		60.0	60.0		
24"		60.0	60.0		
30"		60.0	60.0		
32"	70"	60.0	60.0		
36"	76"	60.0	60.0		
42"		60.0	60.0		
48"		60.0	60.0		
24"		60.0	60.0		
30 "		60.0	60.0		
32"	78"	60.0	60.0		
36"		60.0	60.0		
42"		60.0	60.0		
24"		60.0	60.0		
30"		60.0	60.0		
32"	84"	60.0	60.0		
36"		60.0	60.0		
42"		60.0	60.0		
24"		60.0	60.0		
30"	06"	60.0	60.0		
32"	96	60.0	60.0		
36"	<u> </u>	60.0	60.0		
24"		60.0	60.0		
30" 32" 36"	96"	60.0 60.0	60.0 60.0		

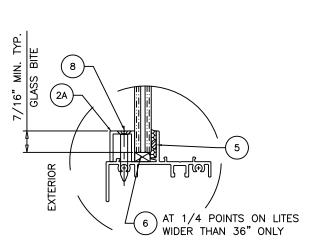


NOTE: WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



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.





GLAZING DETAILS 5/16" OVERALL LAM. GLASS

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

30"

32"

104"

60.0

60.0

60.0

60.0

Sealed 6-9-2020

drawing

sheet 2 of 5

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-70 ALUMINUM FIXED WDW. (L.M.I.)

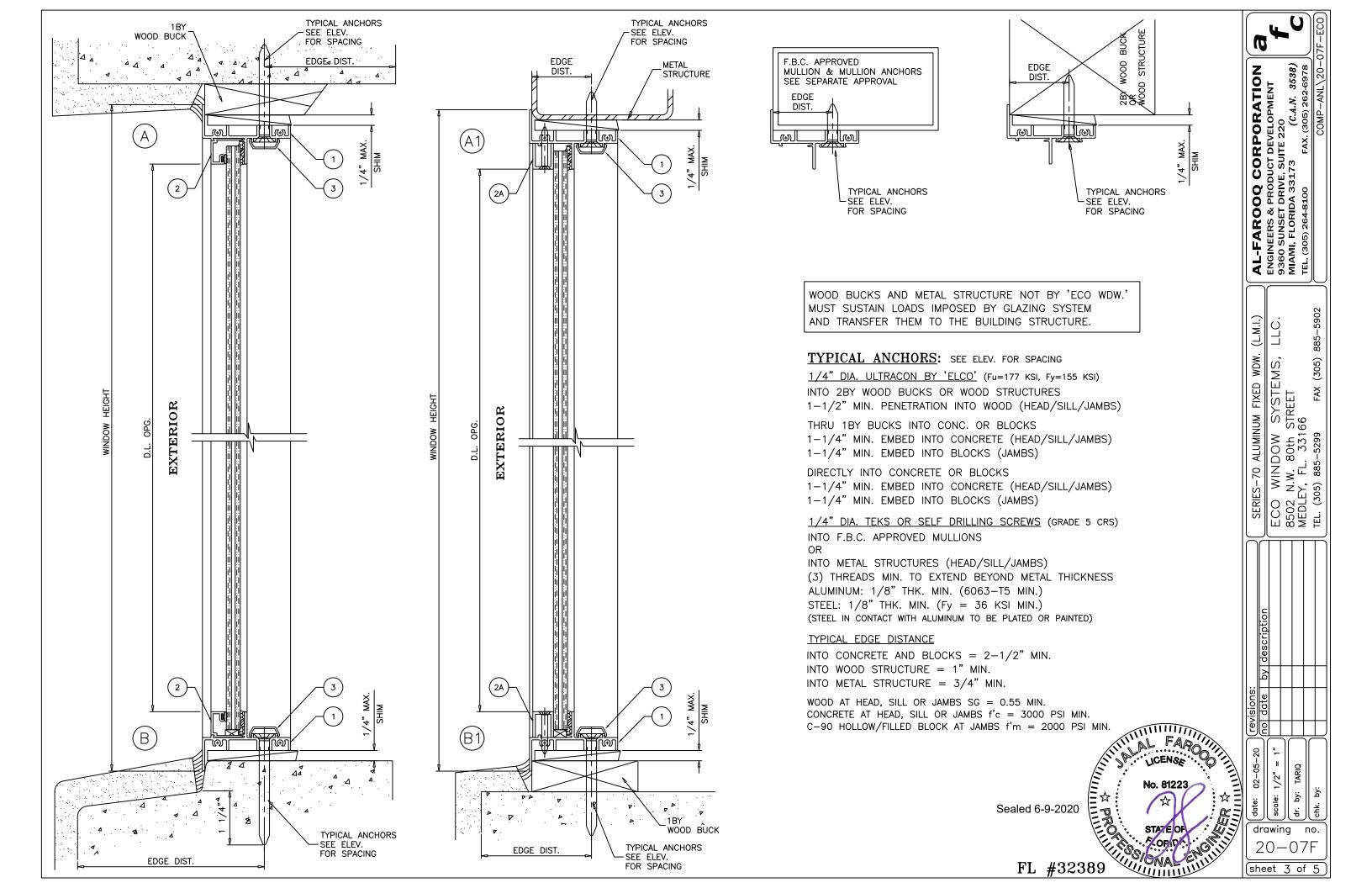
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th STREET
MEDLEY, FL. 33166
TEL. (305) 885-5299 FAX (305) 885-5902

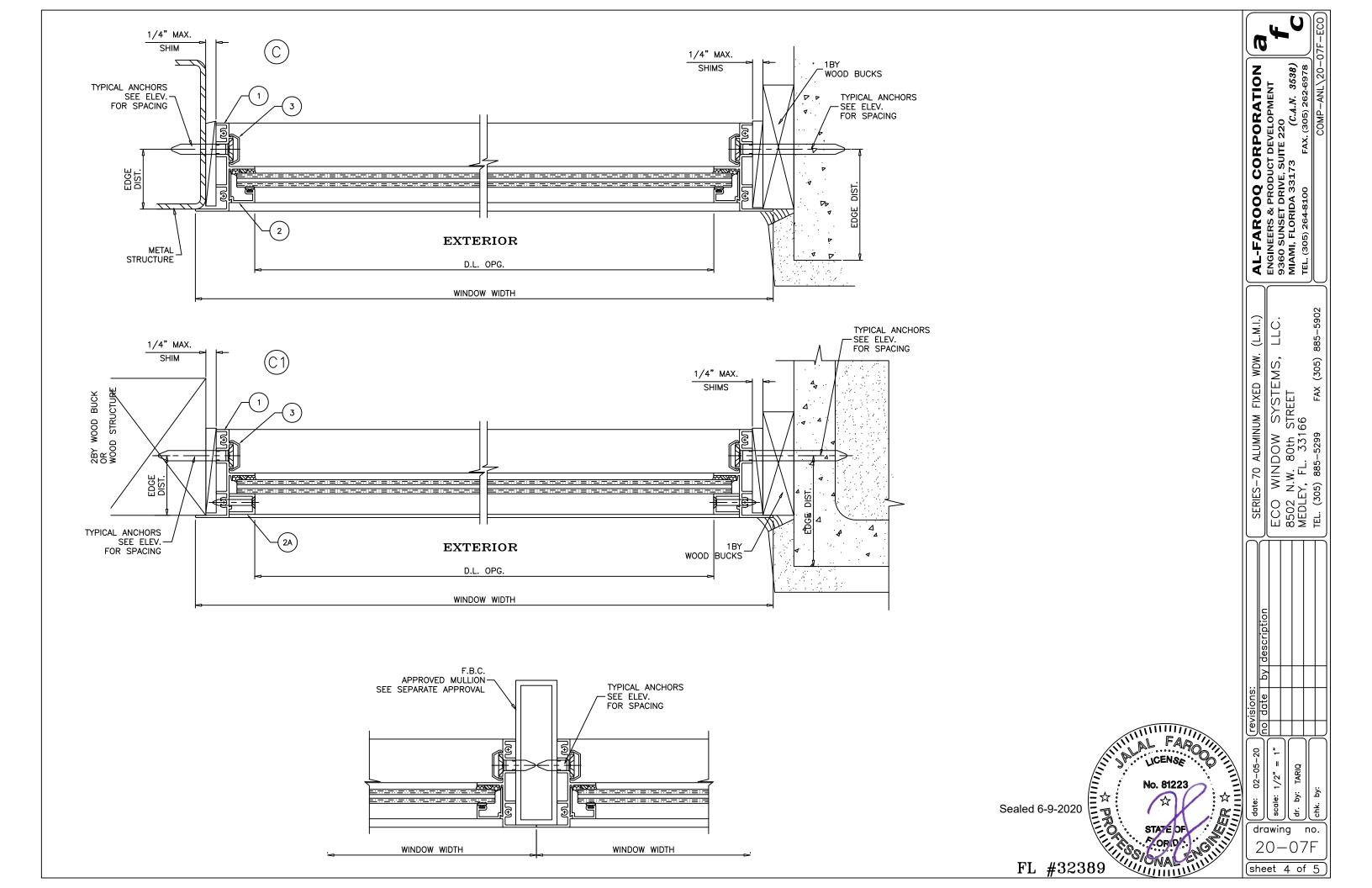
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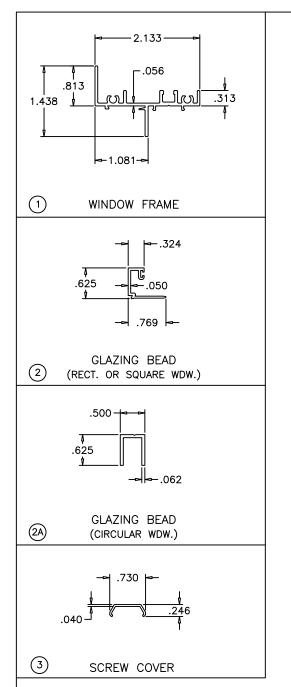
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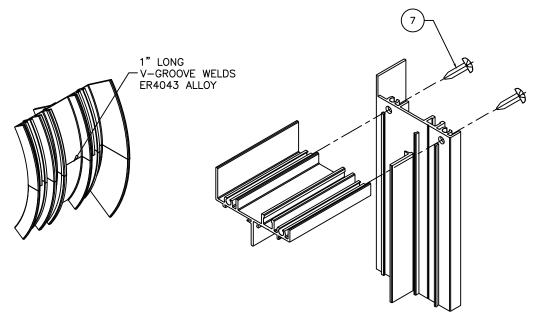




ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E71	4	WINDOW FRAME	6063-T6	_
2	E58	4	GLAZING BEAD (RECT. OR SQUARE WDW.)	6063-T6	_
2A	E72	4	GLAZING BEAD (CIRCULAR WDW.)	6063-T6	_
3	E162	AS REQD.	SCREW COVER	RIGID PVC	_
4	E203	AS REQD.	GLAZING BEAD BULB	SANTOPRENE	ULTRAFAB, DUROMETER 65±5
5	FLB-50	AS REQD.	GLASS SPACER	SILICONE	FRANK LOWE
6	_	2/ LITE	SETTING BLOCK	EPDM	DUROMETER 80±5 SHORE A
7	#8 X 1"	AS REQD.	FRAME ASSEMBLY SCREWS	ST/ST	P.H. SMS
8	#8 X 1"	AS REQD.	GLAZING BEAD FASTENERS, AT 3" FROM ENDS & 12" O.C.	ST/ST	F.H. SMS

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH JOINT SEALER.



CIRCULAR WINDOWS

Sealed 6-9-2020

FL #32389

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th STREET
MEDLEY, FL. 33166
TEL. (305) 885-5299 FAX (305) 885-5902

RECT. OR SQUARE WINDOWS