

6" MAX. ANCHOR SPACING AT CURVED FRAMES 12" MAX. ANCHOR SPACING AT STRAIGHT FRAMES

Coastline Direct Glaze Narrow Frame IZ4

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER F.B.C. APPR'D WINDOWS USING F.B.C. APPROVED MULLIONS IN BETWEEN.

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

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 3 AND 4.

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.

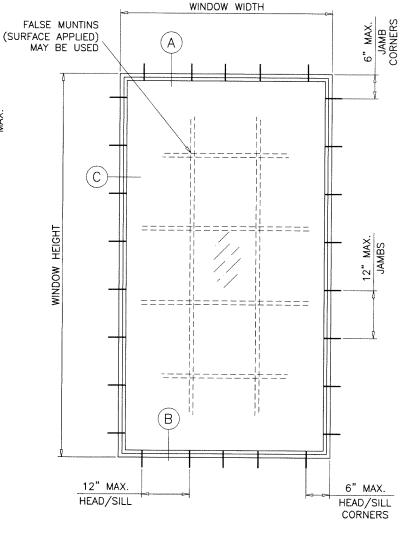
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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.

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.



TYPICAL ELEVATION

WINDOWS WITH GLASS TYPE 'C1' COMPLY WITH REQUIREMENTS OF ANSI Z97.1.

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

Sealed: 7/26/2023

- 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.
- 7- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.





| Comparison | Com

sheet 1 of 7

CORPORATION
DDUCT DEVELOPMENT
VE, SUITE 220

AL-FAROOQ COR ENGINEERS & PRODUCT D 9360 SUNSET DRIVE, SUIT MIAMI, FLORIDA 33173

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), 401 State 1. 56763 1430 Ext. 2143

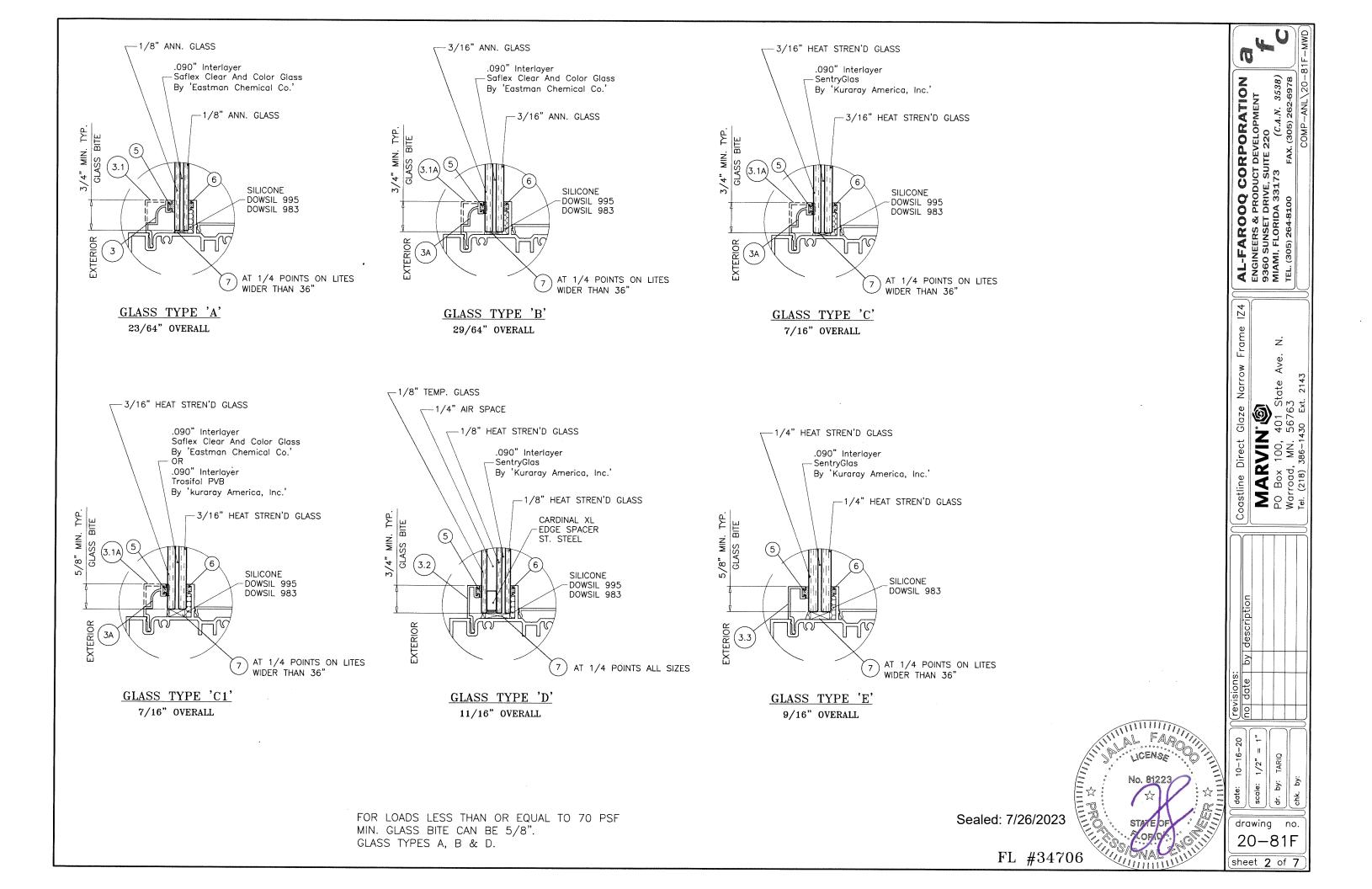
MARVIN'6 PO Box 100, 40 Warroad, MN. 56 Tel. (218) 386-1430

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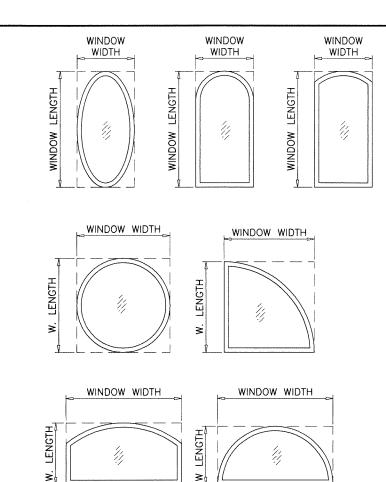
Glaze

Direct

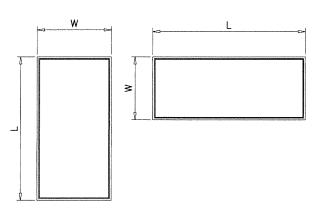
(C.A.N. 3



					DESIGN	LOAD CA	APACITY	- PSF						
WINDO	W DIMS.	GLASS		GLASS		GLASS		GLASS		GLASS		GLASS		
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
26-1/2"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
32"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
37"	26"	60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
42"	20	60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
48"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
53-1/8"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
26-1/2"		60.0	-60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
32"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
37"	38-3/8"	60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
42"	,	57.9	57.9	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
48"		57.9	57.9	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
53-1/8"		57.9	57.9	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
26-1/2"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
32" 37"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
37 42"	50-5/8"	60.0 52.9	60.0 52.9	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
42 48"		- 52.9	52.9	70.0 70.0	70.0 70.0	90.0	130.0 130.0	60.0 60.0	60.0 60.0	60.0 60.0	60.0	90.0	130.0	
53-1/8"		_	_	70.0	70.0	90.0	130.0	60.0	60.0	59.4	60.0 59.4	90.0	130.0 130.0	
26-1/2"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
32"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
37"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
42"	63"	_	_	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
48"				70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
3-1/8"		-	-	-		90.0	130.0	60.0	60.0	_	_	90.0	130.0	
26-1/2"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
32"		-		70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
37"	74-1/4"	_	_	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
42"	/4-1/4			70.0	70.0	90.0	130.0	60.0	60.0	_	-	90.0	130.0	
48"					_	90.0	130.0	60.0	60.0			90.0	130.0	
3-1/8"			_			90.0	130.0	60.0	60.0	_		90.0	130.0	
26-1/2"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
32"		-		70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
37"	78"	-	-	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
42"				-		90.0	130.0	60.0	60.0	_		90.0	130.0	
48" 3-1/8"					-	90.0	130.0	60.0	60.0		-	90.0	130.0	
26-1/2"		-	-	70.0	70.0	90.0	130.0	60.0	60.0	-	-	90.0	130.0	
32"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
37"		_	_	70.0 70.0	70.0 70.0	90.0	130.0 130.0	60.0 60.0	60.0 60.0	60.0 60.0	60.0 60.0	90.0	130.0	
42"	84"	_	_	-	- 70.0	90.0	130.0	60.0	60.0	- 60.0	- 60.0	90.0	130.0	
48"				_		90.0	130.0	60.0	60.0		_	90.0	130.0	
3-1/8"		_	_	_		90.0	129.4	60.0	60.0	_	_	90.0	130.0	
6-1/2"		_	_	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
32"		-		70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	
37"	96"	_		-	_	90.0	130.0	60.0	60.0	-		90.0	130.0	
42"	30	_	_		_	90.0	128.6	60.0	60.0		_	90.0	130.0	
48"		_	_	_		90.0	119.5	60.0	60.0		_	90.0	130.0	
3-1/8"						90.0	111.8	60.0	60.0	_	_	90.0	130.0	
6-1/2"				-		90.0	130.0	60.0	60.0	_	_	90.0	130.0	
32"	108"	-				90.0	130.0	60.0	60.0		-	90.0	130.0	
37"				-	-	90.0	130.0	60.0	60.0	_		90.0	130.0	
42"		-		_		90.0	122.5	60.0	60.0		_	90.0	130.0	
6-1/2"		_		_		90.0	130.0	60.0	60.0	-		90.0	130.0	
32"	120"	_		-	-	90.0	130.0	60.0	60.0	_	-	90.0	130.0	
37"	ŀ	-	_	-		90.0	130.0	60.0	60.0	_		90.0	130.0	
42"		-		-		90.0	112.4	60.0	60.0	_		90.0	130.0	
26-1/2"	100"	_	-			90.0	130.0	60.0	60.0	-	_	90.0	130.0	
32"	126"	_		_	-	90.0	130.0	60.0	60.0		_	90.0	130.0	
37"				_		90.0	130.0	60.0	60.0	_		90.0	130.0	



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.



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

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

Sealed: 7/26/2023

FL #34706

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

124 Frame ż

MARVIN®
PO Box 100, 401 State Ave. N
Warroad, MN. 56763
Tel. (218) 386-1430 Ext. 2143

Coastline

revisions:	 date: 10-16-20 re	<u> </u>	scale: 1/2" = 1"	dr. by: TARIQ	chk. by:
	visions:	L			

drawing no. 20-81F sheet 3 of 7

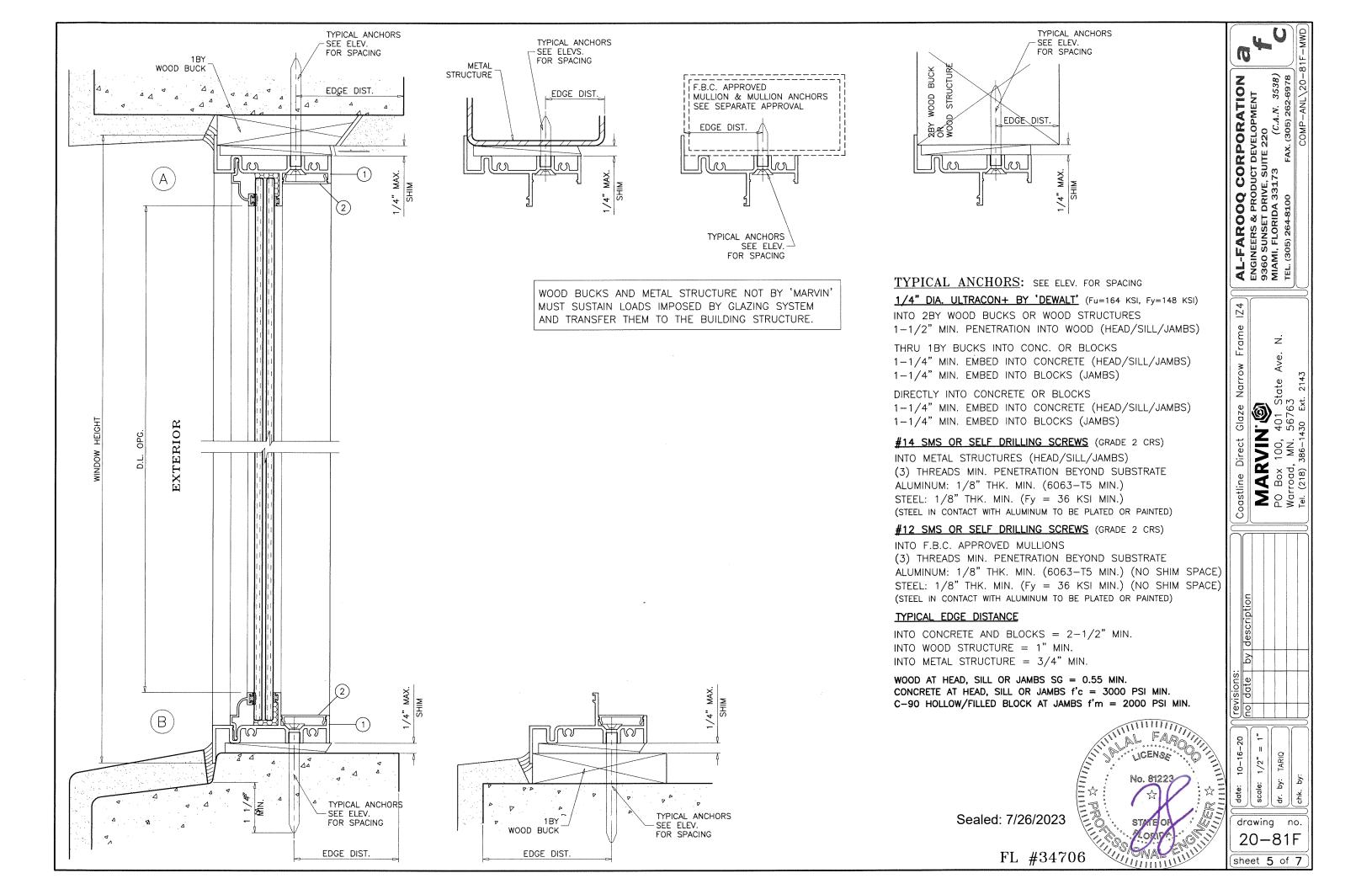
					DESIGN	N LOAD	CAPACIT	Y - PSF	1										DESIGN	LOAD C	CAPACITY	- PSF							L C
WINDO	V DIMS.	GLASS	TYPE 'A'	GLASS	TYPE 'B'	GLASS	TYPE 'C'	GLASS '	TYPE 'C1'	GLASS '	TYPE 'D'	GLASS '	LAbe ,e,	WINDO	W DIMS.	GLASS	TYPE 'A'	GLASS 7	YPE 'B'	GLASS T	TYPE 'C'	GLASS T	YPE 'C1'	GLASS T	TYPE 'D'	GLASS T	YPE 'E'	ŀ	6
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)		10
24"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	24"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0		38)
30"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	30"		_	_	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0		II CO. G
36"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	36"		_	-	_	_	90.0	130.0	60.0	60.0			90.0	130.0	*	
42"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	42"		_		_		90.0	128.6	60.0	60.0		-	90.0	130.0		RATIC DPMENT
48"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	48"	96"	_	_		_	90.0	119.5	60.0	60.0	_	_	90.0	130.0	V	6 6 6
54"	36"	60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	54"	30	_		_	_	70.0	70.0	-			_	-		. w .	RPOR DEVELOR ITE 220
60"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	60"					_	70.0	70.0	_		-	_	-	-	-	
66"			-	_		70.0	70.0	60.0	60.0	60.0	60.0	90.0	130.0	66"		_	-		_	70.0	70.0		_			-	-		P CT D
72"			_			70.0	70.0	60.0	60.0	60.0	60.0	90.0	130.0	72"				_	_	70.0	70.0		_			-	-	The second secon	0 C C C C C C C C C C C C C C C C C C C
78"					_	70.0	70.0	60.0	60.0	60.0	60.0	90.0	130.0	78"			_			69.6	69.6								II ₩ > ∞
84"		_	-		-	70.0	70.0	60.0	60.0	60.0	60.0	90.0	130.0	24"				70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0		PRO DRIN
88"						70.0	70.0	60.0	60.0	 		90.0	130.0	30"				-	_	90.0	130.0	60.0	60.0			90.0	130.0		AROO EERS & PE UNSET DE FLORIDA
24"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	36"			_		_	90.0	130.0	60.0	60.0		ļ <u>-</u>	90.0	130.0		SS
30"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	42"	108"		 -		_	90.0	122.5	60.0	60.0	_	_	90.0	130.0		FAR LEERS SUNS 1, FLOI
36"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	48"	108				_	70.0	70.0	_		_					AL-FA ENGINEE 9360 SU MIAMI, F
42"		52.9	52.9	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	54"			-	-	_	70.0	70.0	_	-			_		NO CONTRACTOR OF THE PROPERTY	AL- ENGI 9360
48" 54"		46.3	46.3	70.0 70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	60"						70.0	70.0	_		_		_			₹ # 8 ₹
60"	48"			70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	66"			+ -	 		70.0 69.8	70.0 69.8							Ż L	
66"				70.0	- 70.0	70.0	70.0	60.0	60.0	60.0	- 60.0	90.0	130.0	72" 24"	-		+	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0		4
72"			_	_	_	70.0	70.0	60.0	60.0		_	90.0	130.0	30"				70.0	70.0	90.0	130.0	60.0	60.0	-	-	90.0	130.0	NOTE:	Z1
72 78"		_	_	_	_	70.0	70.0	60.0	60.0	-	_	90.0	130.0	36"			_	_	_	90.0	130.0	60.0	60.0		-	90.0	130.0	WIDTH AND LENGTH	μe.
84"			_	_		70.0	70.0	60.0	60.0	_	_	90.0	130.0	42"		_	+ -	 	_	90.0	112.4	60.0	60.0	_	_	90.0	130.0	DIMENSIONS CAN BE	l p Z
88"		_	_	_	-	70.0	70.0	60.0	60.0	_	_	90.0	130.0	48"	120"	<u> </u>	 	<u> </u>	_	70.0	70.0		_	_	_	_	-	ORIENTED VERTICALLY OR HORIZONTALLY	ن اتا
24"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	54"			† -	_	-	70.0	70.0	 	_		_		_	AS SHOWN ABOVE.	II ≱ A
30"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	60"		_	_			70.0	70.0	_	_	_	_	- 1	-		ا ا ا
36"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	24"		† -	 -	1 -	_	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0		tat
42"		_	-	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	30"		_	—	! -	_	90.0	130.0	60.0	60.0	_	_	90.0	130.0		9 2 2
48"		_		70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	36"			T -	-	-	90.0	130.0	60.0	60.0	_		90.0	130.0		Glaze
54"	60"		-	-	_	88.5	127.9	59.0	59.0	_	-	88.5	127.9	42"	126"		_	-	_	70.0	70.0	_	_	-	_	_	-		
60"	00		_		_	79.7	115.1	53.1	53.1	_	_	79.7	115.1	48"		_	-	_	_	70.0	70.0	_	_	-			_		lirect 5 100,
66"		_	-	_	_	70.0	70.0	53.1	53.1		-	79.7	115.1	54"			_		_	70.0	70.0	_	_		_	_	-		
72"				-	_	70.0	70.0	53.1	53.1			79.7	115.1	60"					_	70.0	70.0	_	_			-	_		AR Box
78"		_			-	70.0	70.0	53.1	53.1		_	79.7	115.1	24"		_			-	70.0	70.0	60.0	60.0			90.0	130.0		B D E
84"		-	-	<u> </u>	_	70.0	70.0	53.1	53.1	_		79.7	115.1	30"		_	-		_	70.0	70.0	60.0	60.0		-	90.0	130.0		MA PO Ba
88"		_		-		70.0	70.0							36"	132"			_	_	70.0	70.0	60.0	60.0	_	_	90.0	130.0		
24"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	42"			-	_	_	70.0	70.0		-			_			
30"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	48"		_				70.0	70.0			_	_				
36"			_	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	54"		 -				70.0	70.0		-			-	470.0		
42" 48"				70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	24"				_	-	70.0	70.0	60.0	60.0		_	90.0	130.0 130.0		
54"		_	_	_		90.0 88.5	130.0	60.0	60.0 59.0		_	90.0	130.0	30"				_		70.0	70.0	60.0	60.0	<u> </u>		90.0	130.0		
60"	72"		_	_	_		127.9	59.0	 		_	88.5	127.9	36"	138"	<u> </u>		_	_	70.0	70.0	- 60.0	- 60.0			- 50.0	-		
66"			_		_	79.7 70.0	70.0	53.1 48.3	53.1 48.3		_	79.7 72.4	115.1 104.6	42" 48"			 -	_	_	70.0 70.0	70.0	 		_			_		
72"		<u> </u>	_	_	_	70.0	70.0	40.3	40.3	 	_	- 12.4	-	54"					_	70.0	70.0	_		_	_	_	_		ligi
78"			_	_	-	70.0	70.0	_	 	l _	_		_	24"		_			_	70.0	70.0	60.0	60.0		_	90.0	130.0		i cri
84"		_	_	_	_	70.0	70.0	 		_	-	_	_	30"		_	 		_	70.0	70.0	60.0	60.0	_	_	90.0	130.0		les
88"		_		-	_	70.0	70.0	 	_	_		_	_	36"		_	+ -	_	-	70.0	70.0	-		_	_	-	_		
24"		60.0	60.0	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	42"	144"	_	 _	_	_	70.0	70.0	_	_	_	_	_	_		ا افا
30"		_	_	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	48"		_	 -	_	_	70.0	70.0	_	_	_	_	_	_		e s:
36"		-	_	70.0	70.0	90.0	130.0	60.0	60.0	60.0	60.0	90.0	130.0	54"		_	_	_	_	70.0	70.0	_		-	_	-	-		sion
42"		-	-	-	_	90.0	130.0	60.0	60.0	_	_	90.0	130.0	24"		_	_	_	_	70.0	70.0	60.0	60.0	_	_	90.0	130.0		11:211
48"		-	_	-	-	90.0	130.0	60.0	60.0	-	-	90.0	130.0	30"		_	-		-	70.0	70.0	60.0	60.0	_	_	90.0	130.0		90
54"	84"	_		_	-	88.5	127.9	59.0	59.0	_		88.5	127.9	36"	150"	_				70.0	70.0	_	-	_	_	_	-		AAA
60"	04	_	_		_	79.7	115.1	53.1	53.1	-	_	79.7	115.1	42"		_			-	70.0	70.0	-		_	_	-	- /	MAL FARON	1,"
66"		_		_	-	70.0	70.0	-	-	_	_	-		48"				-	_	70.0	70.0	-			_		-/5	LICENSE	9 1 0
72"		-	-		-	70.0	70.0	-	_	_	_		_														/3		0-1 /2" /42"
78"		_	-	_	_	69.6	69.6	-	-	_			_															No. 81223	
84"				-		64.6	64.6		-	_	_		-															: / _↑ // : ☆ =	date: scale: dr. by:
88"		_	_	_		64.6	64.6	-			_	-															- 70	: / "W .: @=	dat dat.
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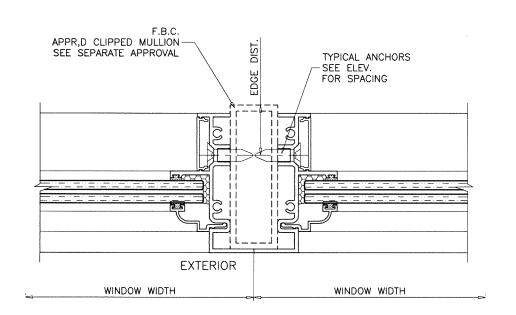
NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS).

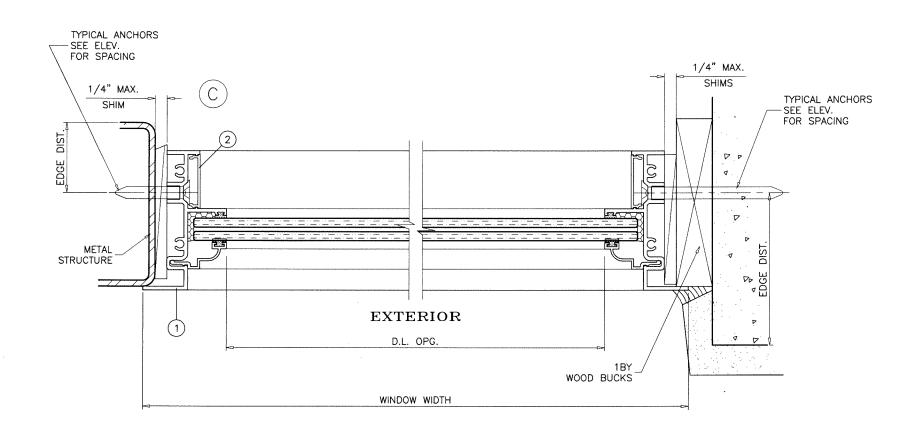
FL #34706

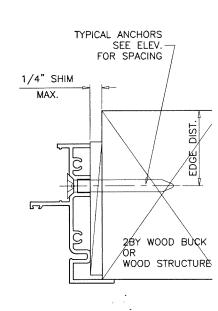
20-81F

sheet 4 of 7









Sealed: 7/26/2023

FL #34706

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

Coastline Direct Glaze Narrow Frame 124 **MARVIN'®**PO Box 100, 401 State Ave. N.
Warroad, MN. 56763
Tel. (218) 386-1430 Ext. 2143

revisions:
no date by description

drawing no.

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