

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1.

FRAMELESS GLASS WALL SYSTEM (L.M.I.)

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT
SHUTTERS ARE NOT REQUIRED.

DESIGN LOAD RATINGS FOR THIS SYSTEM TO BE AS PER CHARTS
SHOWN ON SHEET 2.

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.

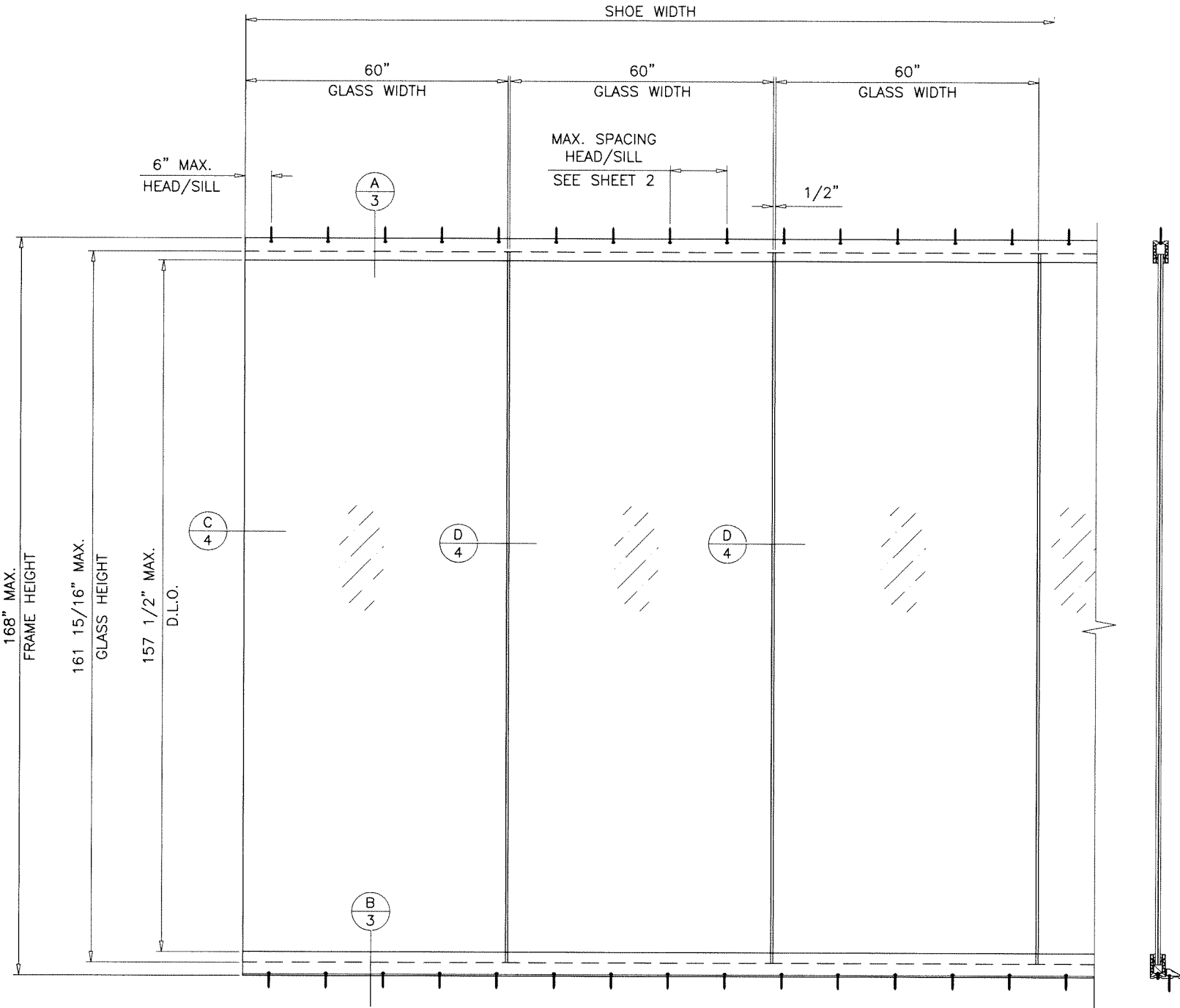
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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

Sealed: 7/17/2023

FL #29713

- 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.



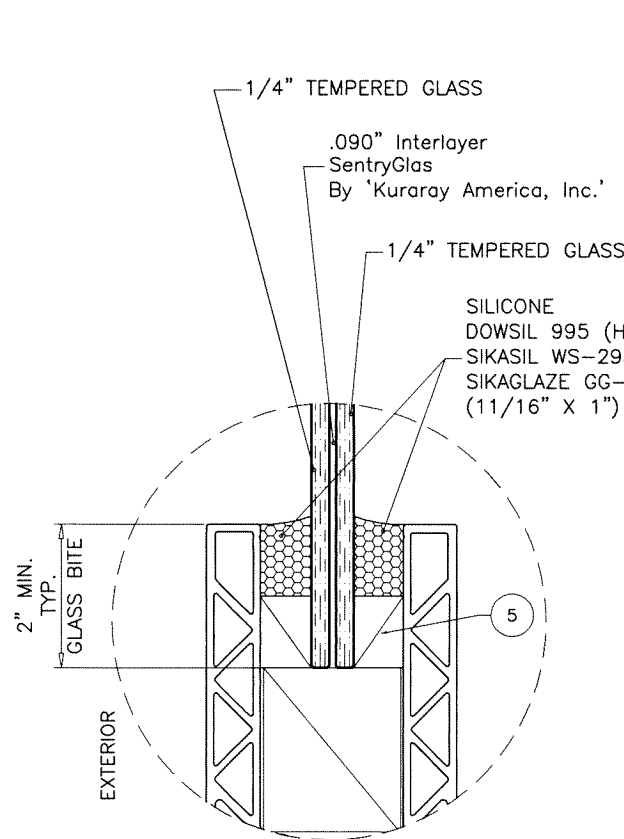
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
STORE 19-26F-IW

FRAMELESS GLASS WALL SYSTEM (L.M.I.)
INFINITE WINDOWS, LLC.
1612 NW 84TH AVE.
DORAL, FL. 33126
TEL. (786) 518-3725 FAX. (786) 518-3746

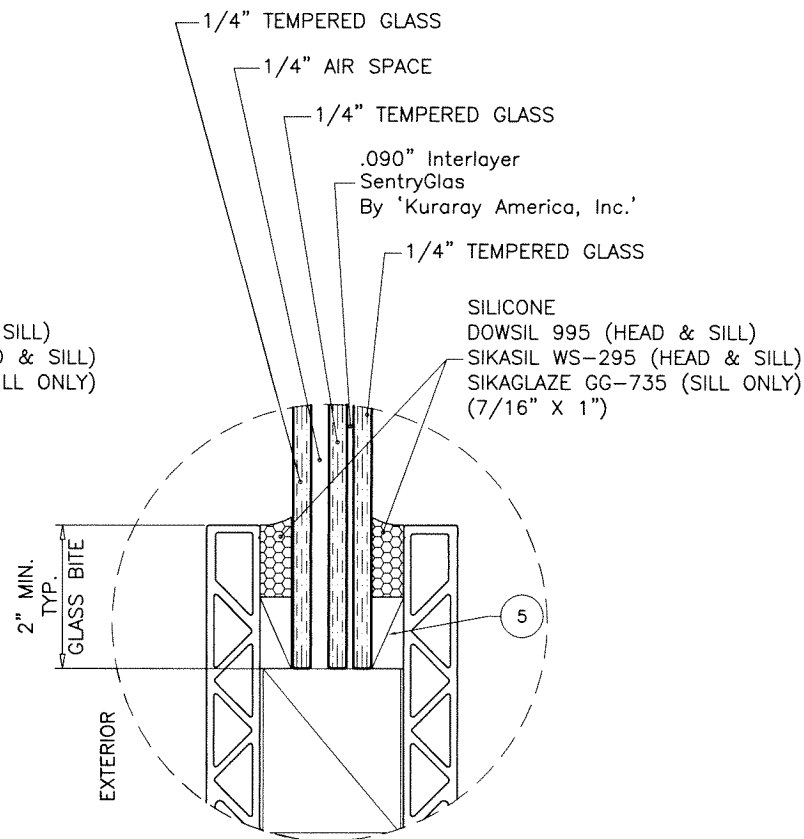
revisions:		no	date	by	description
A	09.23.21	B	07.13.23		UPDATED TO 2020 FBC
					UPDATED TO 2023 FBC

date: 04-11-19
scale: 3/8"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
19-26F
sheet 1 of 4



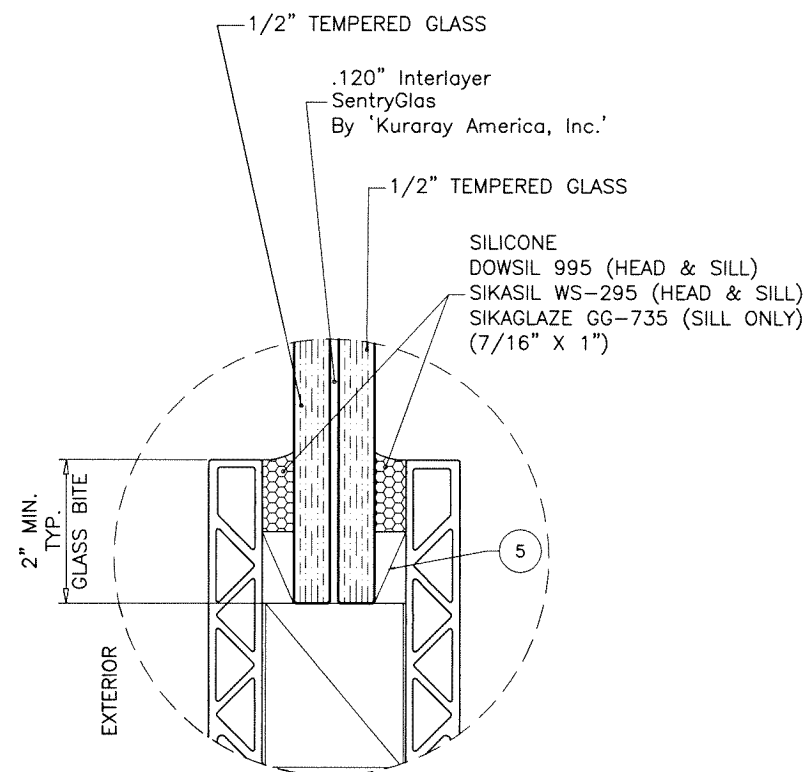
GLASS TYPE 'A'
9/16" OVERALL LAM. GLASS



GLASS TYPE 'Ai'
1-1/16" OVERALL INSUL. LAM. GLASS

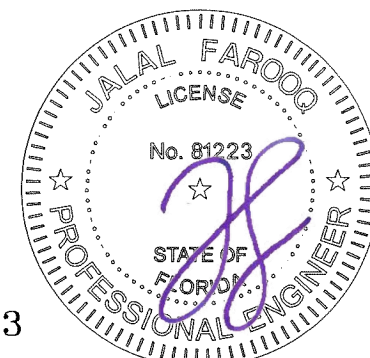
GLASS TYPES 'A' & 'Ai'				INTERMEDIATE ANCHOR SPACING				
GLASS WIDTH	FRAME HEIGHT	LOAD CAPACITY-PSF		ANCHOR TYPE 'A'		ANCHOR 'Ai'	ANCHOR 'B'	ANCHOR 'B1'
		EXT.(+)	INT.(-)	1/2" SHIMS	1/4" SHIMS	1/2" SHIMS	1/4" SHIMS	
60"	96"	70.0	70.0	11"	13"	20"	17"	20"
	120"	58.0	58.0	10-1/2"	12-1/2"	20"	16-1/4"	20"
	144"	39.0	39.0	13-1/4"	15-3/4"	20"	20"	20"

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



GLASS TYPE 'B'
1-1/8" OVERALL LAM. GLASS

GLASS TYPE 'B'				INTERMEDIATE ANCHOR SPACING					
GLASS WIDTH	FRAME HEIGHT	LOAD CAPACITY-PSF		ANCHOR TYPE 'A'		ANCHOR TYPE 'Ai'	ANCHOR 'B'	ANCHOR 'B1'	
		EXT.(+)	INT.(-)	1/2" SHIMS	1/4" SHIMS	1/2" SHIMS	1/4" SHIMS	1/4" SHIMS	
60"	96"	100.0	100.0	7-3/4"	9-1/4"	12"	12"	11-3/4"	12"
	120"	100.0	100.0	-	-	12"	12"	9-1/2"	11-3/4"
	144"	100.0	100.0	-	-	11-3/4"	12"	7-3/4"	9-3/4"
	168"	100.0	100.0	-	-	10"	10-3/4"	-	8-1/2"



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