



Product Approval
USER: Public User

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OFFICE OF THE
SECRETARY

Comments

Archived ☐

Product Manufacturer

Address/Phone/Email

Infinite Windows LLC

1612 Nw 84th Ave
Doral, FL 33126
(786) 518-3725
storal@infinetwindowsllc.com

Authorized Signature

Jalal Farooq
veronica@afceng.com

Technical Representative

Address/Phone/Email

Quality Assurance Representative

Address/Phone/Email

Category

Subcategory

Panel Walls

Storefronts

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 81333

and Management Institute

Validated By

Abel Carrasco, PE

☒ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL29713_R2_COI_SS - Certificate of Independence 2023.pdf](#)

Referenced Standard and Year (of Standard)

Standard

Year

AAMA 501

2015

TAS 201/203

1994

TAS 202

1994

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

07/17/2023

Date Validated

07/17/2023

Date Pending FBC Approval

07/23/2023

Date Approved

10/17/2023

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[Next](#)

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

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Product Approval Accepts:



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

STORE\19-26F-IW

INFINITE WINDOWS, LLC.
1612 NW 84TH AVE.
DORAL, FL. 33126
TEL: (786) 518-3725
FAX: (786) 518-3746

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

revisions:
no. description
by
date
A 09.22.21 updated to 2020 FBC
B 07.12.23 updated to 2023 FBC

chk. by: TARIQ

date: 04-11-19

scale: 3/8"=1'-0"

drawing no. 19-26F

sheet 1 of 4

Sealed: 7/17/2023
FL #29713

AL-FAROOQ
ENGINEER
No. 81223
STATE OF FLORIDA
PROFESSIONAL SEAL

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. THE E.O.R. SHALL 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 LATER THE SITE SPECIFIC DRAWINGS FOR REVIEW.

D- THE PROFESSIONAL ENGINEER OF RECORD MUST SIGN AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

SHOE WIDTH

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.

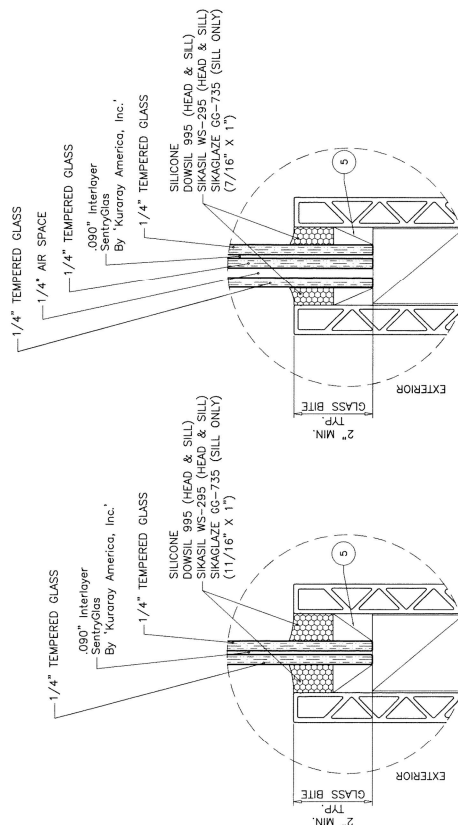
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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 SEALING, WATER INfiltration RESISTANCE ETC. AND SEALING AROUND OPENING FOR 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.

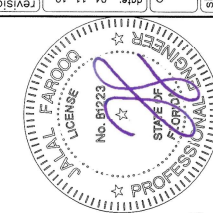


GLASS TYPES 'A' & 'A1'		INTERMEDIATE ANCHOR SPACING				
GLASS WIDTH	FRAME HEIGHT	LOAD CAPACITY - PSF	ANCHOR TYPE 'A'	ANCHOR 'A1'	ANCHOR 'B' ANCHOR 'B1'	
		EXT. (A)	INT. (A)	1/2" SHIMS 1/4" SHIMS	1/2" SHIMS 1/4" SHIMS	
60"	96"	70.0	70.0	11"	13"	20"
	120"	58.0	58.0	10-1/2"	12-1/2"	20"
	144"	39.0	39.0	13-1/4"	15-3/4"	20"
60"	96"	70.0	70.0	11"	13"	20"
	120"	58.0	58.0	10-1/2"	12-1/2"	20"
	144"	39.0	39.0	13-1/4"	15-3/4"	20"

FRAME HEIGHT	ANCHOR TYPE 'A'		ANCHOR TYPE 'B1'	
	1/2" SHIMS	1/4" SHIMS	1/2" SHIMS	1/4" SHIMS
96"	100.0	100.0	12"	12"
120"	100.0	7-3/4"	12"	11-3/4"
144"	100.0	100.0	12"	9-1/2"
168"	100.0	100.0	10"	10-3/4"
192"	100.0	100.0	10"	8-1/2"

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

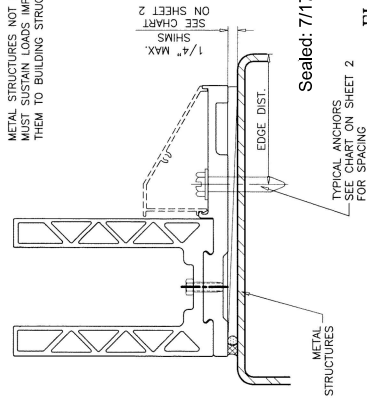
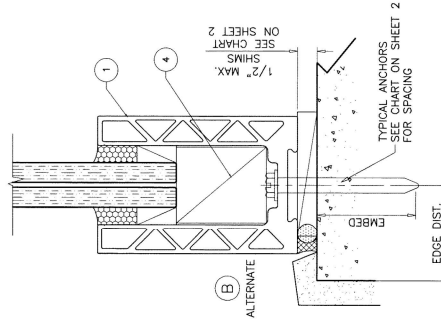
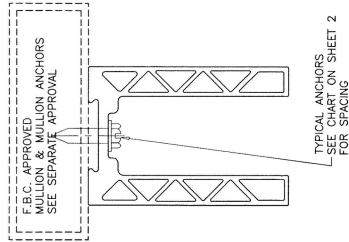
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FL #29713



TYPICAL ANCHORS:			SUBSTRATE	MIN. EMBED	MIN. EDGE DIST.
A	3/8" DIA. SCREW-BOLT+ BY DEWALT	1/2" DIA. SCREW-BOLT+ BY DEWALT			
A1	3/8" DIA. SCREW-BOLT+ BY DEWALT	1/2" DIA. SCREW-BOLT+ BY DEWALT	CONCRETE	2-1/2"	2-1/2"
B	3/8" DIA. MACHINE SCREWS (GRADE 5 CRS)	3/8" DIA. MACHINE SCREWS (GRADE 5 CRS)	METAL	4-1/4"	4"
B1	7/16" DIA. MACHINE SCREWS (GRADE 5 CRS)	7/16" DIA. MACHINE SCREWS (GRADE 5 CRS)	METAL	3 THREADS BEYOND METAL THICKNESS	3/4"

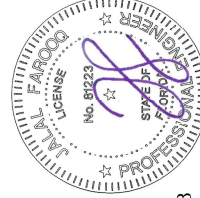
CONCRETE = f'_c = 3000 PSI MIN.
METAL = 3/16" MIN. THK. STEEL F_y = 36 KSI MIN.
F.B.C. APPROVED MULLION 3/16" MIN. THK.

METAL STRUCTURES NOT BY INFINITE WINDOWS
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER
THEM TO BUILDING STRUCTURE.

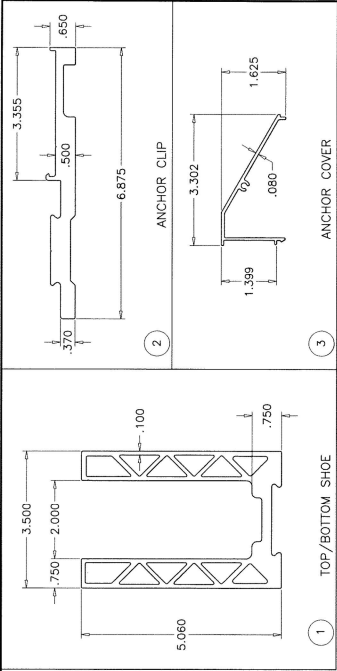


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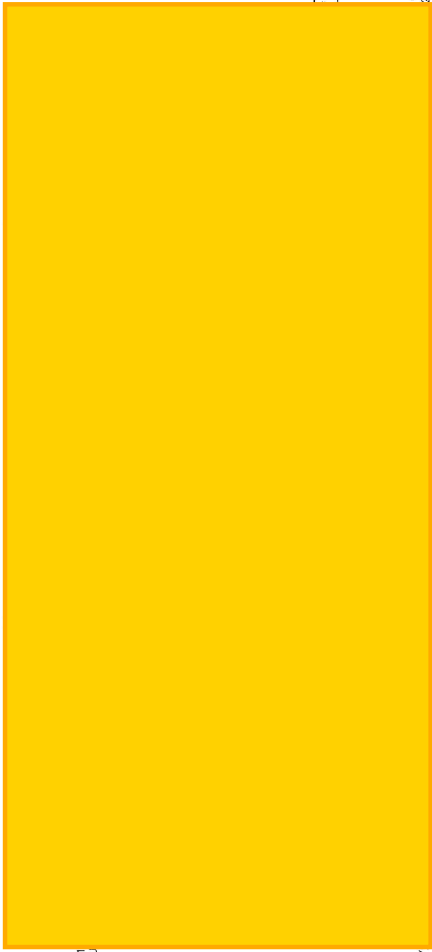


ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	2	TOP/BOTTOM SHOE	6063-T5	-
2	-	AS REQD.	ANCHOR CLIP	6063-T5	-
3	-	AS REQD.	ANCHOR COVER (DECORATIVE)	6063-T5	OPTIONAL
4	-	2/ LITE	SETTING BLOCKS AT 1/4" POINTS	SILICONE	DUROMETER 80+5 SHORE A
5	-	AS REQD.	SIDE SHIMS AT 12" O.C.	PVC	-



(D)

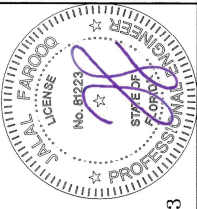
(C)



WOOD BU



NOTE:
MAX. MOVEMENT CONSIDERED=100% STRETCH.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION
MANUAL FOR COMPATIBILITY OF SEALANT TO SUBSTRATE & WINDOW WALL
MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
REFER TO AQ-117-10 FOR CONSTRUCTION TOLERANCES.
ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY
ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.



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INFINITE WINDOWS, LLC.
1612 NW 84TH AVE.
DORAL, FL 33126
TEL. (786) 518-3725 FAX. (786) 518-3746

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-9978
STORE \19-26F-IW

date	04-11-19	no	61
revisions	no	date	by
description			
scale	3/8" = 1"	dr.	TARIQ
chk.	by		