

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

SERIES-100
ALUMINUM FIXED WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER
CHARTS SHOWN ON SHEET 2.

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
MULLIONS IN BETWEEN.

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

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.

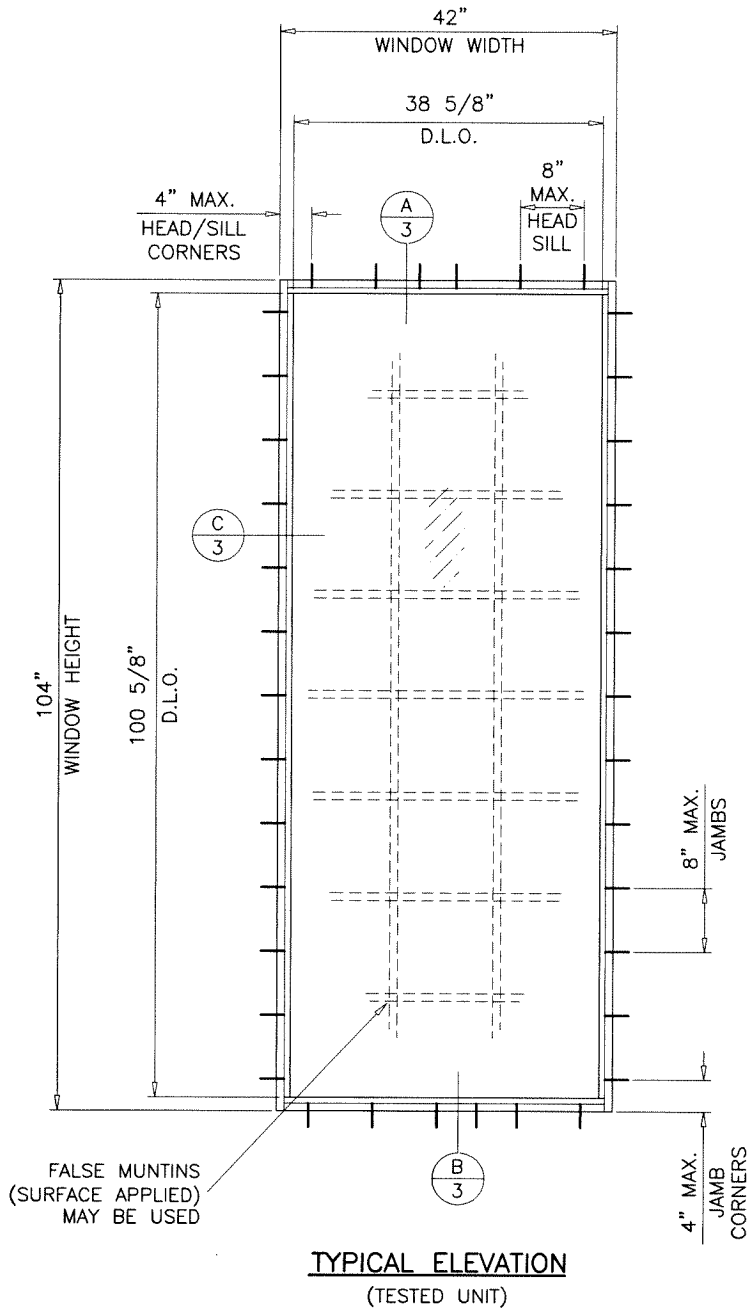
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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.



PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1.

Sealed: 7/12/2023

FL #31321

- 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.



SERIES-100 ALUM FIXED WINDOW (L.M.I.)

New Age Windows & Doors Corp.

7196 N.W. 77TH TERRACE

MEDLEY, FL. 33166

TEL. (305) 889-0703

FAX. (305) 889-0710

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

MIAMI, FLORIDA 33173

TEL. (305) 264-8100

FAX. (305) 262-6978

(C.A.N. 3538)

COMP-ANL\19-125F-NAW

revisions:

no	date	by	description
A	08.14.20		UPDATED TO 2020 FBC
B	07.12.23		UPDATED TO 2023 FBC

date: 12-20-19

scale: 1/2"=1'-0"

dr. by: TARIQ

chk. by:

drawing no.

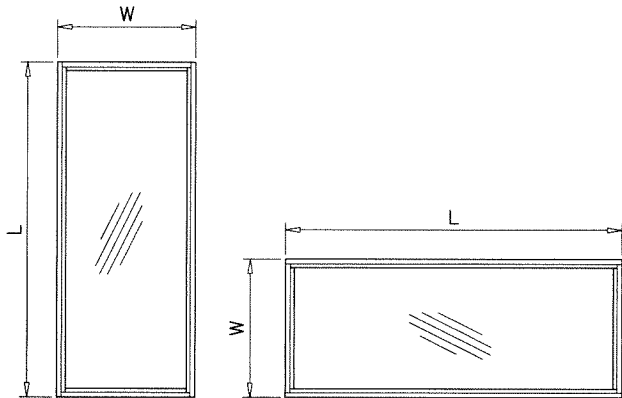
19-125F

sheet 1 of 5

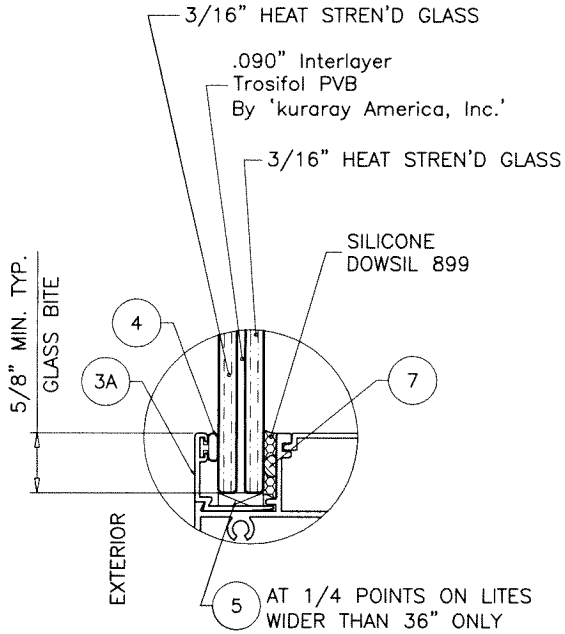
DESIGN LOAD CAPACITY - PSF					
FRAME DIMS.		GLASS TYPE 'G1'		GLASS TYPE 'G2'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	70.0	80.0	70.0	75.0
26-1/2"		70.0	80.0	70.0	75.0
37"		70.0	80.0	70.0	75.0
53-1/8"		70.0	80.0	70.0	75.0
19-1/8"	38-3/8"	70.0	80.0	70.0	75.0
26-1/2"		70.0	80.0	70.0	75.0
37"		70.0	80.0	68.1	73.0
53-1/8"		70.0	80.0	65.7	70.4
19-1/8"	50-5/8"	70.0	80.0	70.0	75.0
26-1/2"		70.0	80.0	70.0	75.0
37"		70.0	80.0	68.1	73.0
53-1/8"		58.1	66.4	49.8	53.3
19-1/8"	56"	70.0	80.0	70.0	75.0
26-1/2"		70.0	80.0	70.0	75.0
37"		70.0	80.0	68.1	73.0
53-1/8"		55.3	63.2	-	-
19-1/8"	63"	70.0	80.0	70.0	75.0
26-1/2"		70.0	80.0	70.0	75.0
37"		70.0	80.0	68.1	73.0
53-1/8"		55.3	63.2	-	-
19-1/8"	72"	70.0	80.0	70.0	75.0
26-1/2"		70.0	80.0	70.0	75.0
37"		70.0	80.0	68.1	73.0
53-1/8"		55.3	63.2	-	-
19-1/8"	76"	70.0	80.0	70.0	75.0
26-1/2"		70.0	80.0	70.0	75.0
37"		70.0	80.0	-	-
53-1/8"		55.3	63.2	-	-

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

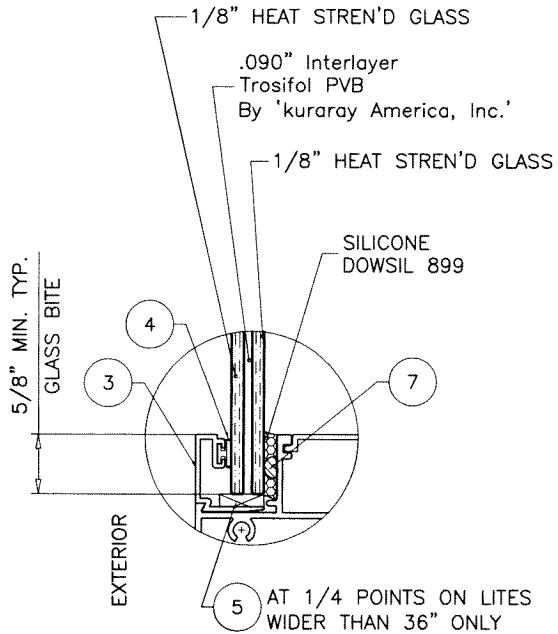
DESIGN LOAD CAPACITY - PSF					
FRAME DIMS.		GLASS TYPE 'G1'		GLASS TYPE 'G2'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	48"	70.0	80.0	70.0	75.0
30"		70.0	80.0	70.0	75.0
32"		70.0	80.0	70.0	75.0
36"		70.0	80.0	70.0	75.0
42"		70.0	80.0	60.0	64.3
48"		61.3	70.0	52.5	56.3
54"		61.3	70.0	52.5	56.3
60"		61.3	70.0	-	-
24"	60"	70.0	80.0	70.0	75.0
30"		70.0	80.0	70.0	75.0
32"		70.0	80.0	70.0	75.0
36"		70.0	80.0	70.0	75.0
42"		70.0	80.0	60.0	64.3
48"		61.3	70.0	-	-
54"		54.4	62.2	-	-
60"		49.0	56.0	-	-
24"	72"	70.0	80.0	70.0	75.0
30"		70.0	80.0	70.0	75.0
32"		70.0	80.0	70.0	75.0
36"		70.0	80.0	70.0	75.0
42"		70.0	80.0	-	-
48"		61.3	70.0	-	-
54"		54.4	62.2	-	-
60"		49.0	56.0	-	-
24"	78"	70.0	80.0	70.0	75.0
30"		70.0	80.0	70.0	75.0
32"		70.0	80.0	70.0	75.0
36"		70.0	80.0	70.0	75.0
42"		70.0	80.0	-	-
48"		61.3	70.0	-	-
54"		54.4	62.2	-	-
24"	84"	70.0	80.0	70.0	75.0
30"		70.0	80.0	70.0	75.0
32"		70.0	80.0	70.0	75.0
36"		70.0	80.0	-	-
42"		70.0	80.0	-	-
48"		61.3	70.0	-	-
24"	96"	70.0	80.0	70.0	75.0
30"		70.0	80.0	-	-
32"		70.0	80.0	-	-
36"		70.0	80.0	-	-
42"		70.0	80.0	-	-
24"	104"	70.0	80.0	70.0	75.0
30"		70.0	80.0	-	-
32"		70.0	80.0	-	-
36"		70.0	80.0	-	-
42"		70.0	80.0	-	-



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



GLASS TYPE 'G1'
7/16" OVERALL LAM. GLASS



GLASS TYPE 'G2'
5/16" OVERALL LAM. GLASS

Sealed: 7/12/2023



FL #31321

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AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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COMP-ANL\19-125F-NAW

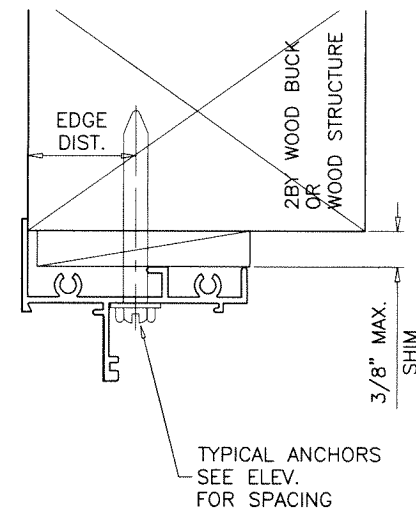
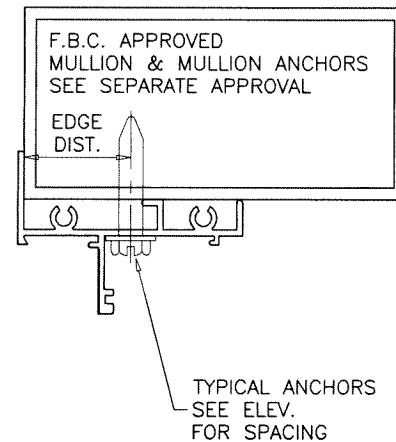
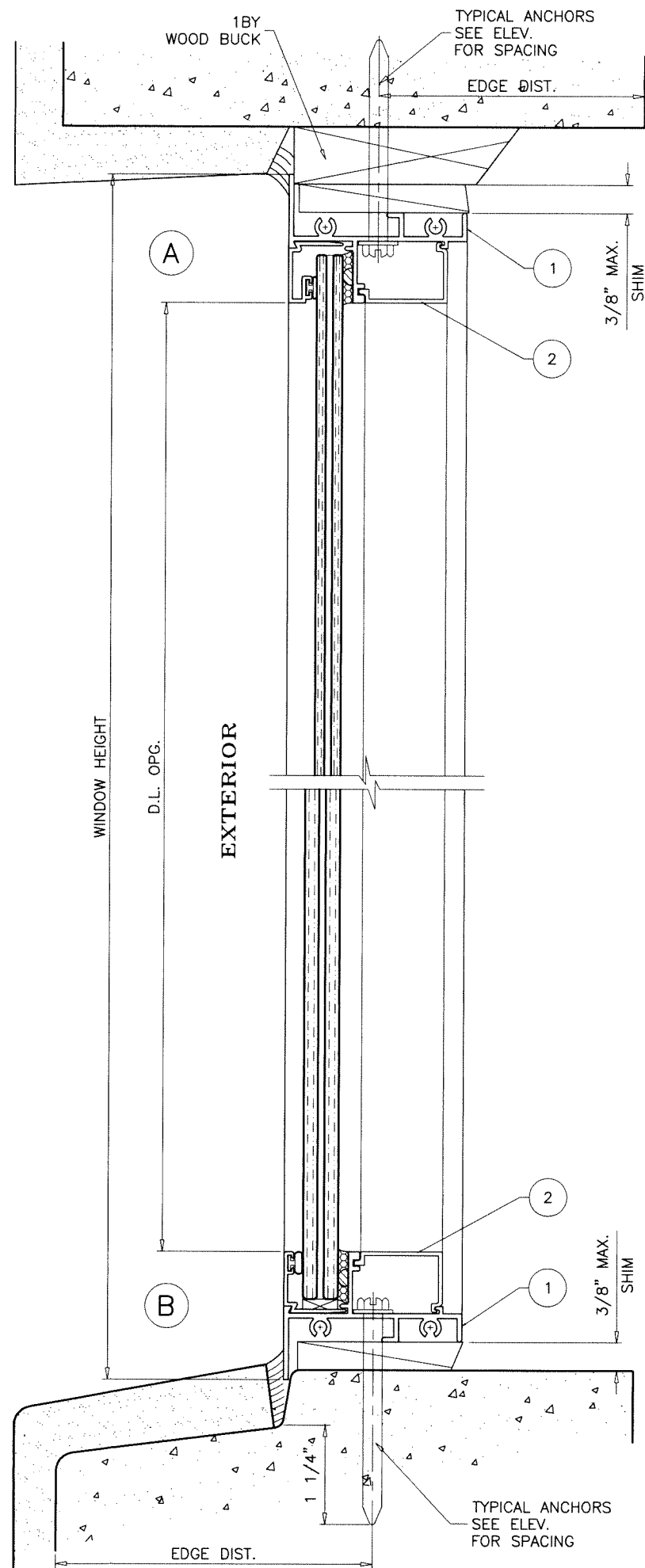
SERIES-100 ALUM FIXED WINDOW (L.M.I.)

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revisions:
no date by description

date: 12-20-19
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
19-125F
sheet 2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY 'NEW AGE WDW.' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY BUCKS INTO CONC. OR BLOCKS

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO F.B.C. APPROVED MULLIONS

OR

INTO METAL STRUCTURES (HEAD/SILL/JAMBS)

(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

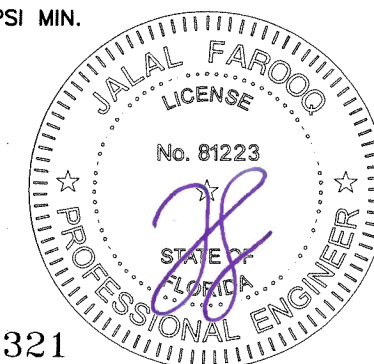
INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

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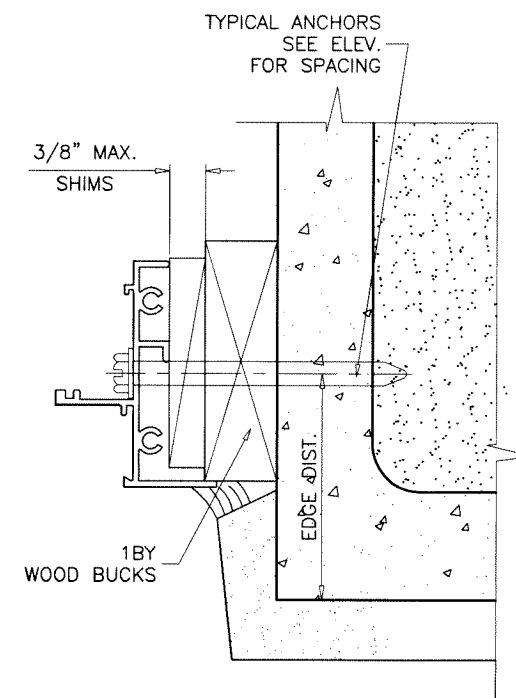
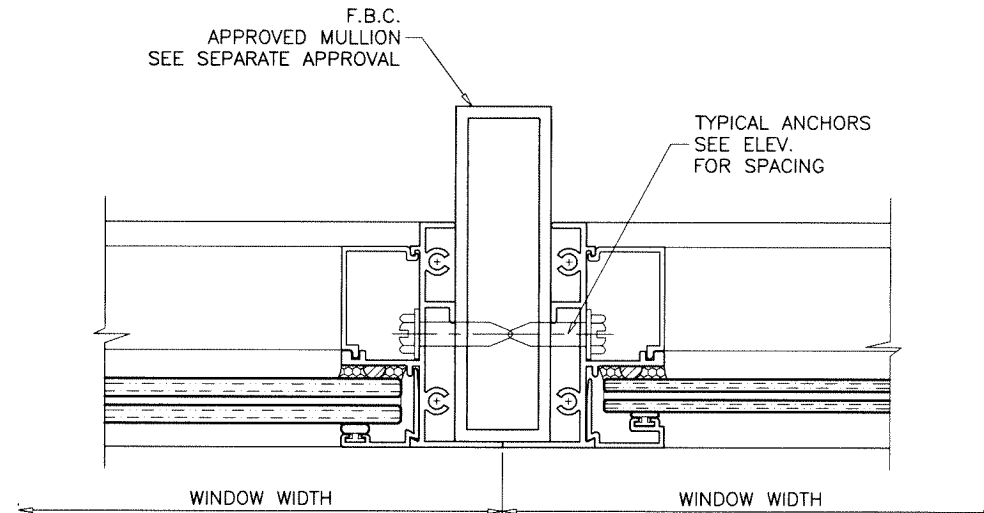
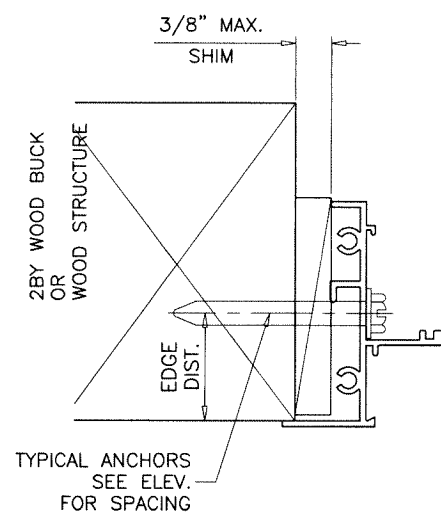
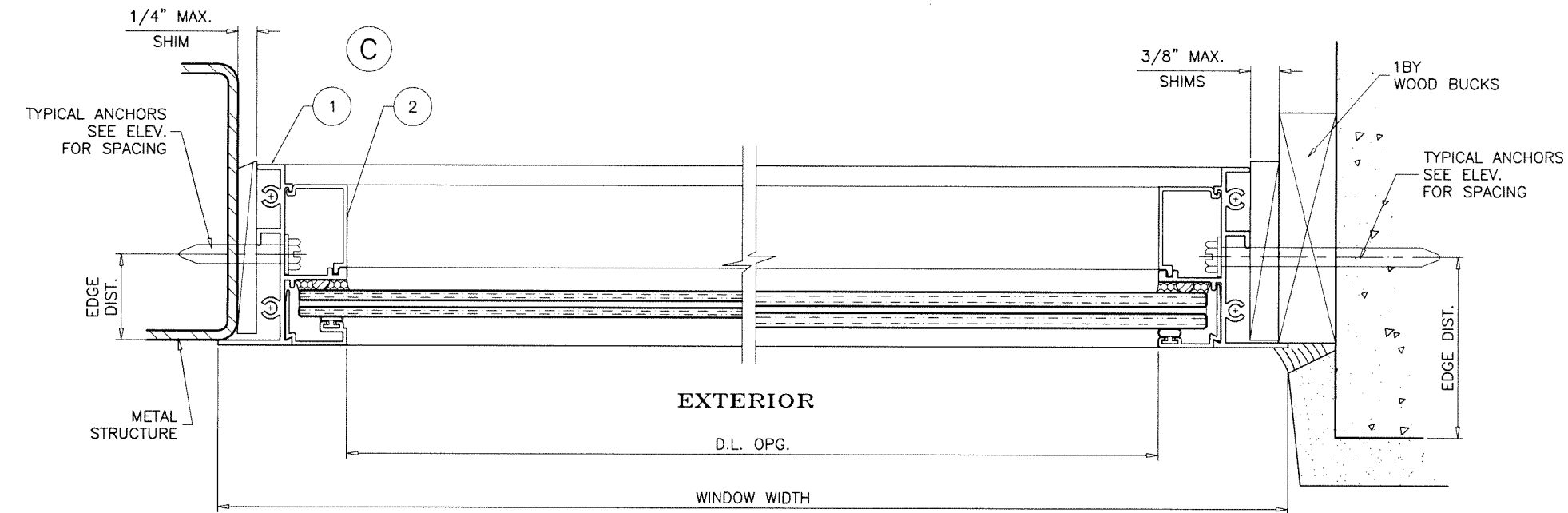
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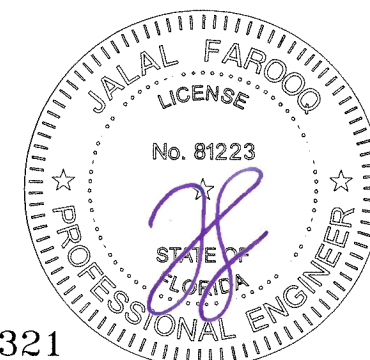
19-125F

sheet 3 of 5

COMP-ANL\19-125F-NAW



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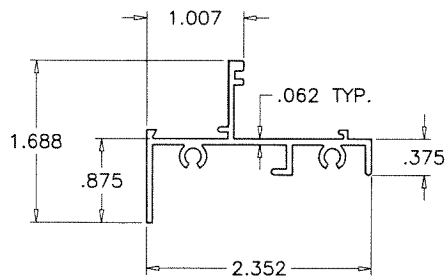
SERIES-100 ALUM FIXED WINDOW (L.M.I.)

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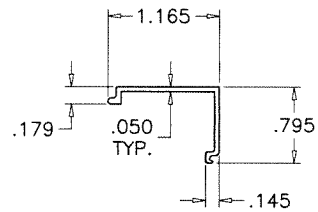
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dr. by:	TARIQ	chk. by:	
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sheet	4 of 5		

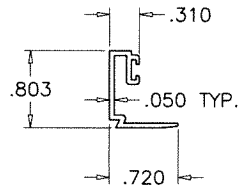
COMP-ANL\19-125F-NAW



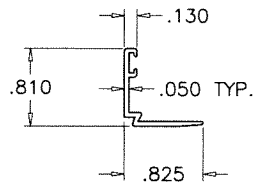
1 WINDOW FRAME



2 FRAME COVER

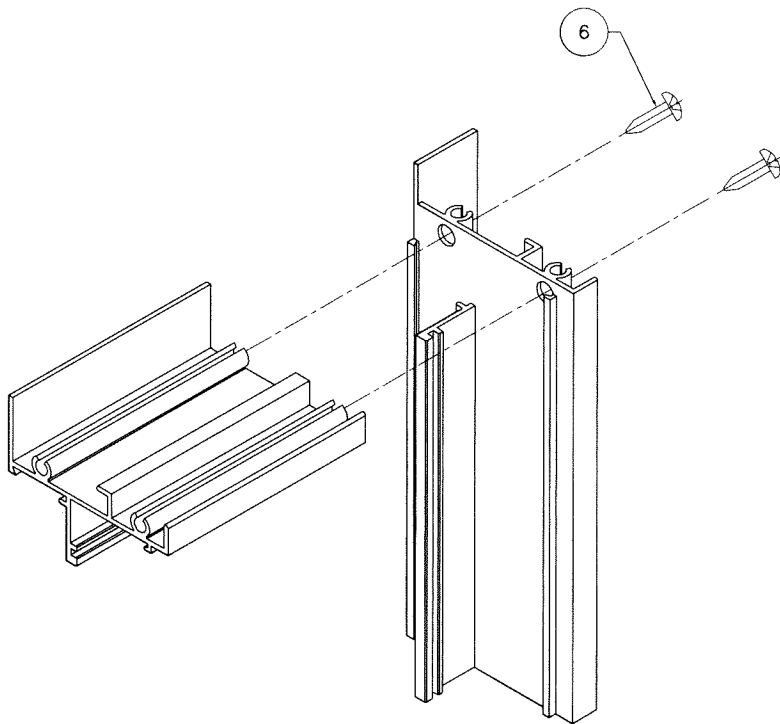


3 GLAZING BEAD (5/16" GLASS)



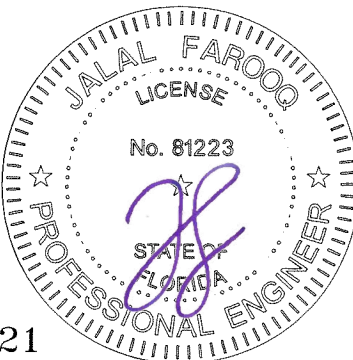
3A GLAZING BEAD (7/16" GLASS)

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	61456	4	WINDOW FRAME	6063-T5	-
2	-	1	FRAME COVER	6063-T5	-
3	-	AS RQD.	GLAZING BEAD (5/16" GLASS)	6063-T5	-
3A	-	AS RQD.	GLAZING BEAD (7/16" GLASS)	6063-T5	-
4	-	AS REQD.	GLAZING GASKET	VINYL	-
5	-	2/ LITE	SETTING BLOCKS (3/8" X 1/4" X 2" LONG)	EPDM	DUROMETER 80±5 SHORE A
6	#8 X 3/4"	AS REQD.	FRAME ASSEMBLY SCREWS	CRS	PH SMS
7	-	AS REQD.	GLASS SPACER	SILICONE	FRANK LOWE
-	-	-	-	-	-



FRAME CORNER

Sealed: 7/12/2023



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af c

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