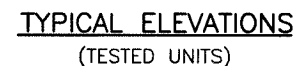


INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA MUST MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

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.



date: 10-11-19
 scale: 1/2"=1'-0"
 dr. by: TARIQ
 chk. by:

drawing no.

19-103F

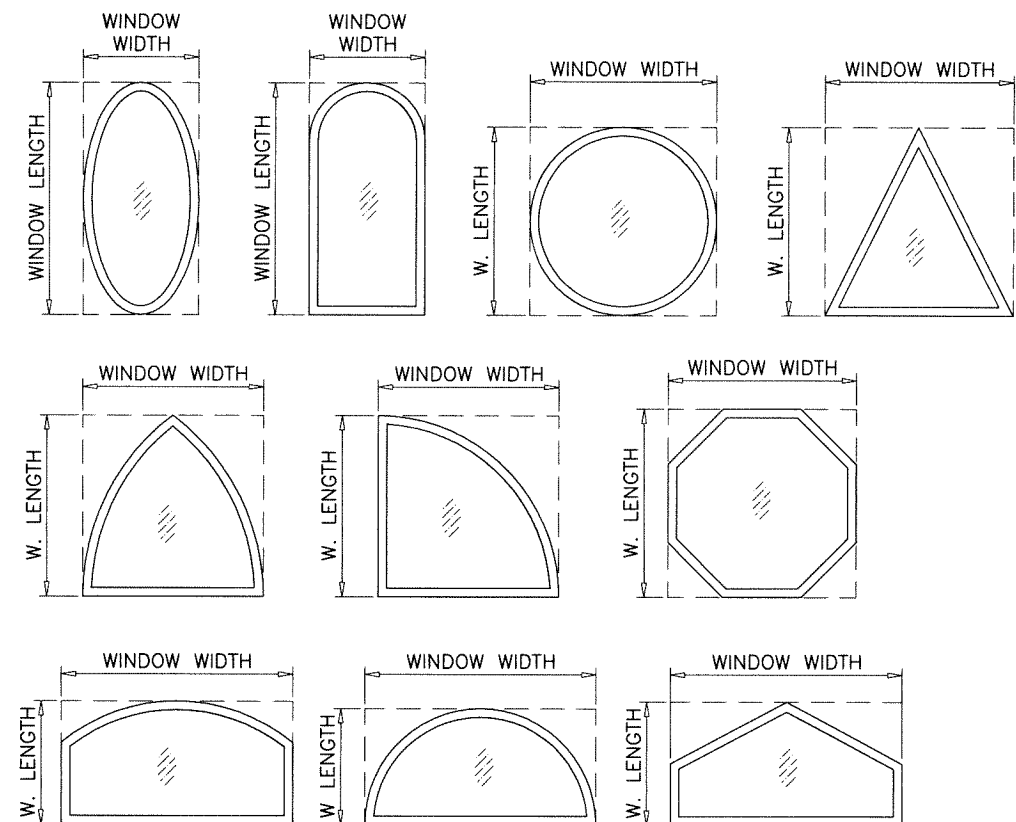
 sheet 1 of 5

revisions:

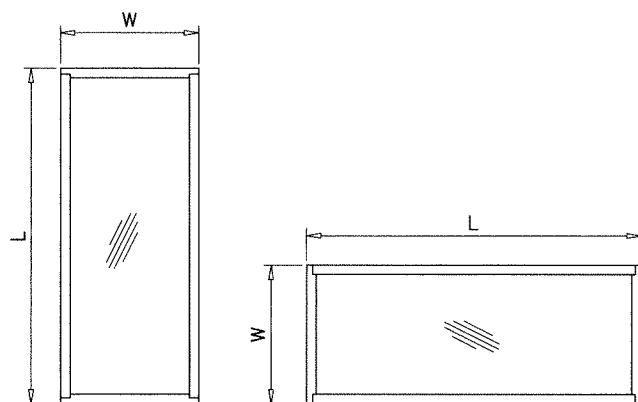
no	date	by description
A	05.27.20	UPDATED TO 2020 FBC
B	07.21.23	UPDATED TO 2023 FBC
C	09.16.26	UPDATED TO 2026 FBC

DESIGN LOAD CAPACITY - PSF							
FRAME DIMS.		3/16" TEMP. GLASS		1/4" ANN. GLASS		1/4" TEMP. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	110.0	135.0	82.5	90.0	110.0	135.0
26-1/2"		110.0	135.0	76.2	83.1	110.0	135.0
37"		110.0	135.0	76.2	83.1	110.0	135.0
53-1/8"		110.0	135.0	70.6	77.0	110.0	135.0
19-1/8"	38-3/8"	110.0	135.0	82.5	90.0	110.0	135.0
26-1/2"		110.0	135.0	74.7	81.5	110.0	135.0
37"		102.2	102.2	53.5	58.4	110.0	116.8
53-1/8"		98.5	98.5	51.6	56.3	106.3	112.6
19-1/8"	50-5/8"	110.0	135.0	82.5	90.0	110.0	135.0
26-1/2"		110.0	135.0	70.8	77.3	110.0	135.0
37"		102.2	102.2	53.5	58.4	110.0	116.8
53-1/8"		74.7	74.7	-	-	80.6	85.3
19-1/8"	56"	110.0	135.0	82.5	90.0	110.0	135.0
26-1/2"		110.0	135.0	68.5	74.7	110.0	135.0
37"		102.2	102.2	53.5	58.4	110.0	116.8
53-1/8"		71.2	71.2	-	-	76.8	81.3
19-1/8"	63"	110.0	135.0	82.5	90.0	110.0	135.0
26-1/2"		110.0	135.0	66.2	72.3	110.0	135.0
37"		102.2	102.2	-	-	110.0	116.8
53-1/8"		71.2	71.2	-	-	76.8	81.3
19-1/8"	72"	110.0	135.0	-	-	110.0	135.0
26-1/2"		110.0	135.0	-	-	110.0	135.0
37"		102.2	102.2	-	-	110.0	116.8
53-1/8"		71.2	71.2	-	-	76.8	81.3
19-1/8"	76"	110.0	135.0	-	-	110.0	135.0
26-1/2"		110.0	135.0	-	-	110.0	135.0
37"		102.2	102.2	-	-	109.3	115.7
53-1/8"		-	-	-	-	76.8	81.3

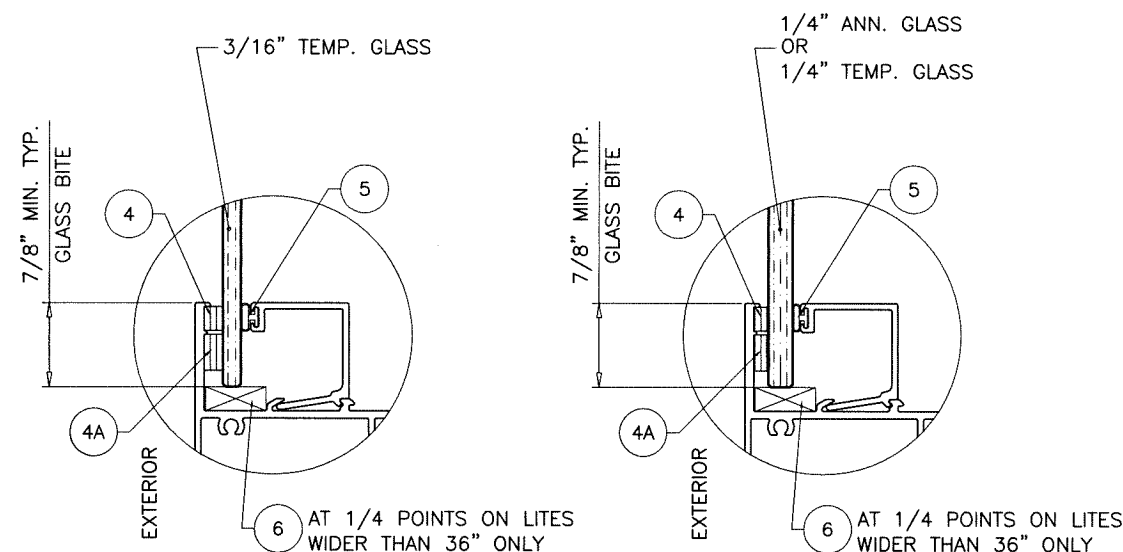
DESIGN LOAD CAPACITY - PSF							
FRAME DIMS.		3/16" TEMP. GLASS		1/4" ANN. GLASS		1/4" TEMP. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	48"	110.0	135.0	77.0	84.0	110.0	135.0
30"		110.0	126.0	66.0	72.0	110.0	135.0
32"		110.0	118.1	61.9	67.5	110.0	135.0
36"		105.0	105.0	55.0	60.0	110.0	120.0
42"		90.0	90.0	47.1	51.4	97.1	102.9
48"		78.8	78.8	-	-	85.0	90.0
54"		78.8	78.8	-	-	85.0	90.0
24"	60"	110.0	135.0	72.2	78.8	110.0	135.0
30"		110.0	126.0	61.6	67.2	110.0	135.0
32"		110.0	118.1	59.1	64.4	110.0	135.0
36"		105.0	105.0	55.0	60.0	110.0	120.0
42"		90.0	90.0	-	-	97.1	102.9
48"		78.8	78.8	-	-	85.0	90.0
54"		70.0	70.0	-	-	75.6	80.0
24"	72"	110.0	135.0	-	-	110.0	135.0
30"		110.0	124.3	-	-	110.0	135.0
32"		110.0	118.1	-	-	110.0	130.2
36"		105.0	105.0	-	-	110.0	120.0
42"		90.0	90.0	-	-	97.1	102.9
48"		78.8	78.8	-	-	85.0	90.0
54"		70.0	70.0	-	-	75.6	80.0
24"	84"	110.0	135.0	-	-	110.0	135.0
30"		110.0	119.8	-	-	110.0	131.5
32"		110.0	114.0	-	-	110.0	125.1
36"		104.4	104.4	-	-	108.2	114.5
42"		90.0	90.0	-	-	97.1	102.9
48"		78.8	78.8	-	-	85.0	90.0
54"		-	-	-	-	75.6	80.0
24"	96"	110.0	135.0	-	-	110.0	135.0
30"		110.0	116.7	-	-	110.0	128.0
32"		104.6	110.7	-	-	110.0	121.5
36"		95.4	101.0	-	-	104.6	110.8
42"		85.0	90.0	-	-	93.3	98.7
48"		-	-	-	-	85.0	90.0
54"		-	-	-	-	-	-



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.

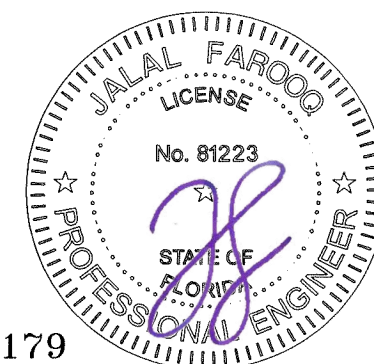


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE
ORIENTED VERTICALLY OR HORIZONTALLY
AS SHOWN ABOVE.



GLAZING OPTIONS

Sealed: 9/22/2026

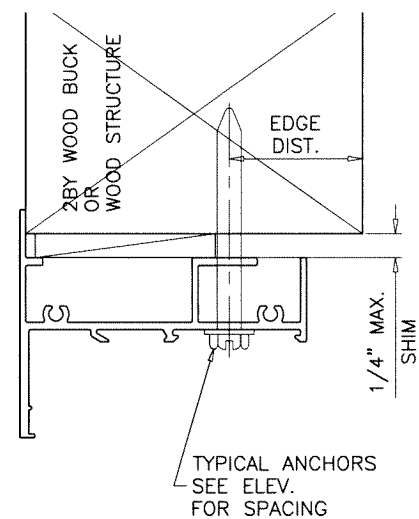
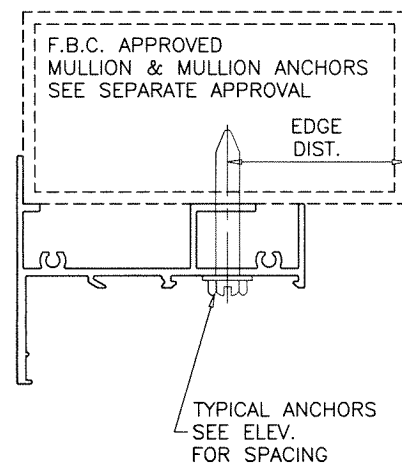
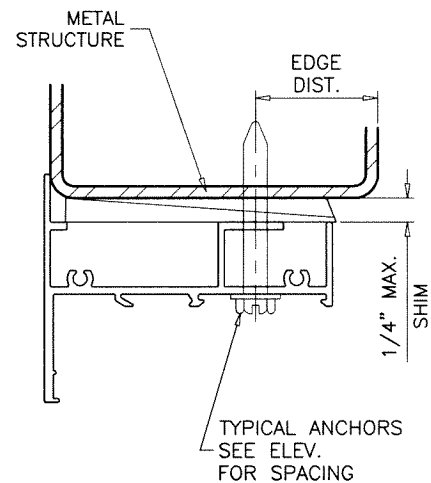
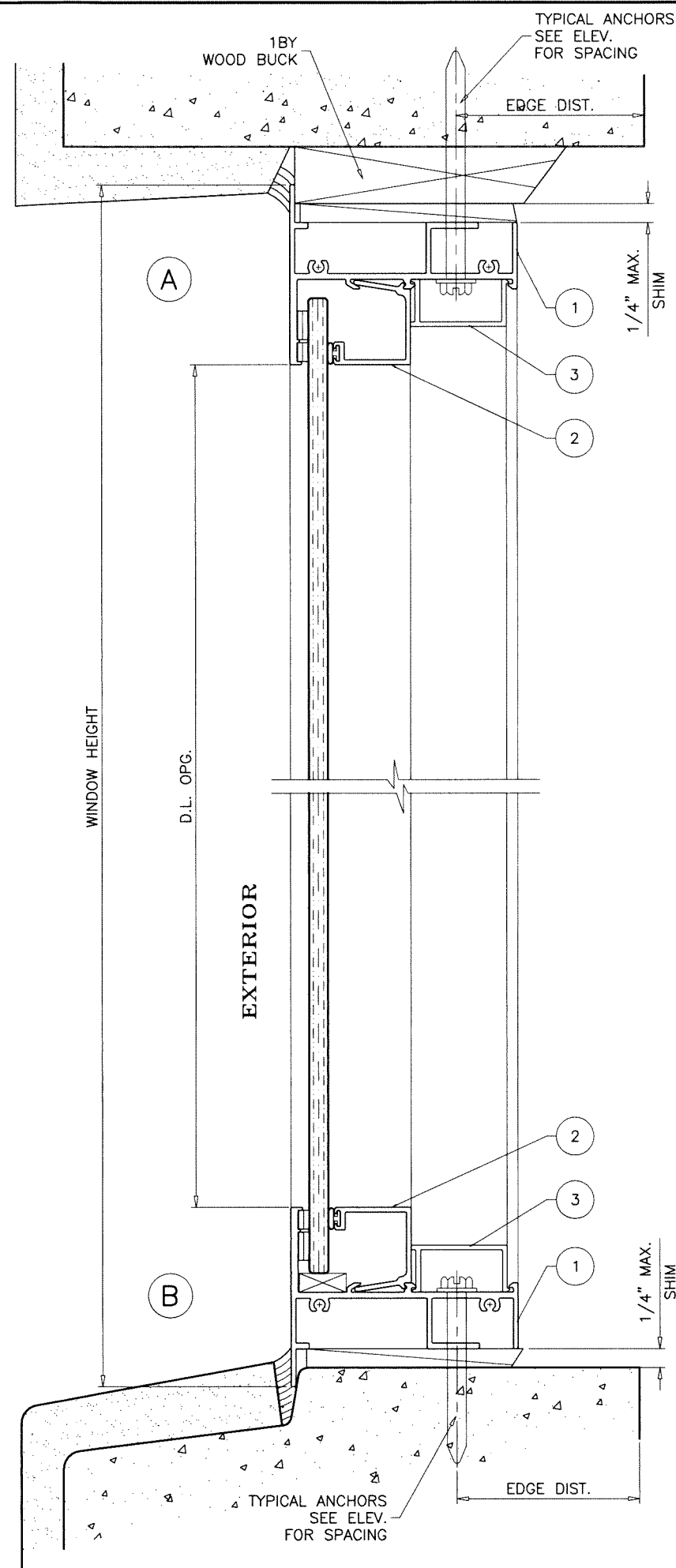


FL #31179

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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL 19-103F-SWM

SERIES-2011 ALUMINUM FIXED WDW. (N.I.)
Sunshine Windows Manufacturing, Inc.
1785 West 33rd Place
Hialeah, FL. 33012
Tel. (305) 364-9952 Fax. (305) 828-5118

Revisions:
no date by description
10-11-19
scale: -
dr. by: TARIQ
chk. by:
drawing no.
19-103F
sheet 2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY 'SUNSHINE WDWS.' 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)

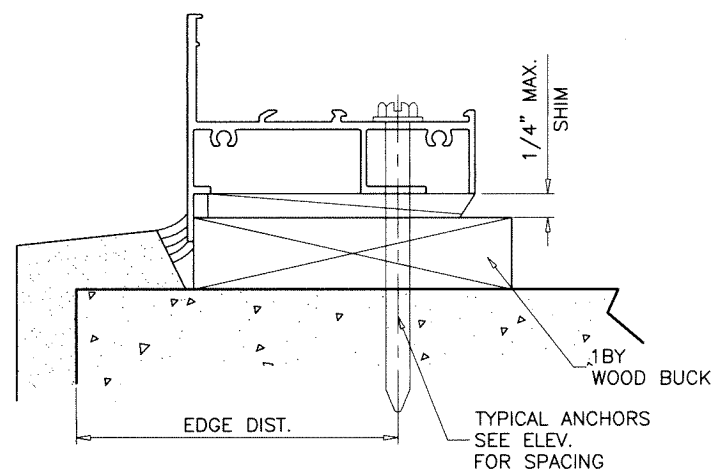
#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

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

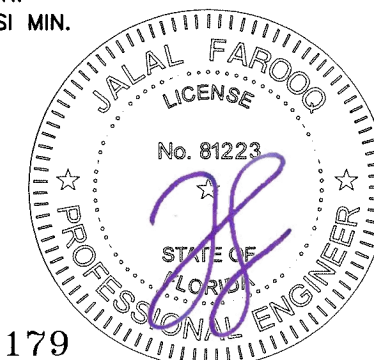
INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

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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revisions: no date by description

date: 10-11-19

scale: 1/2" = 1"

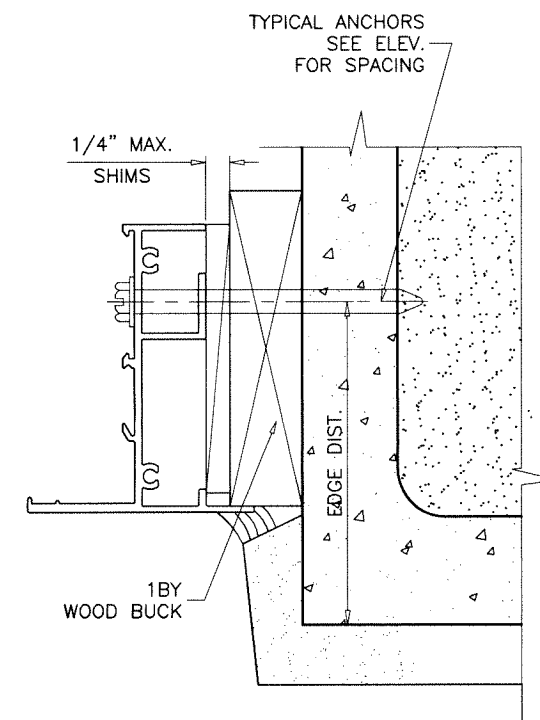
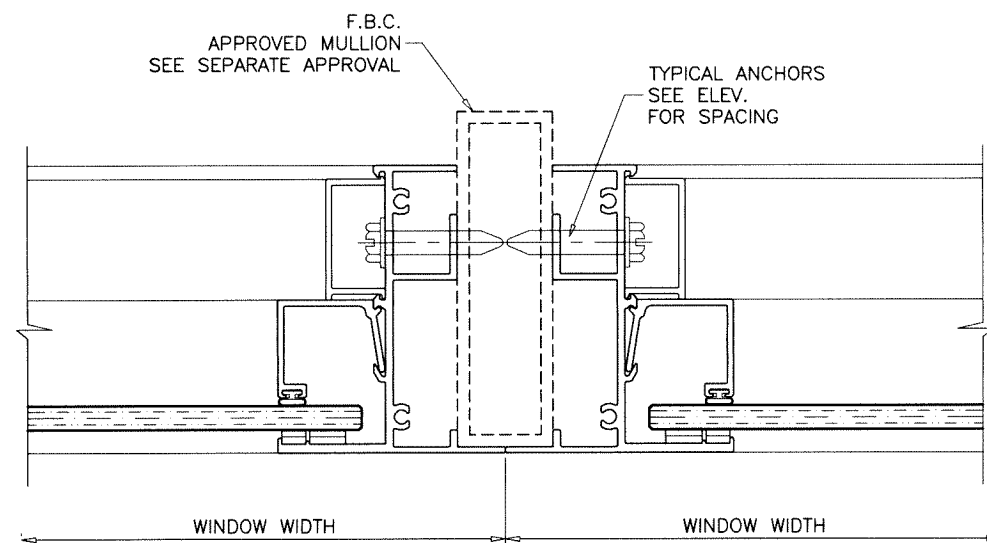
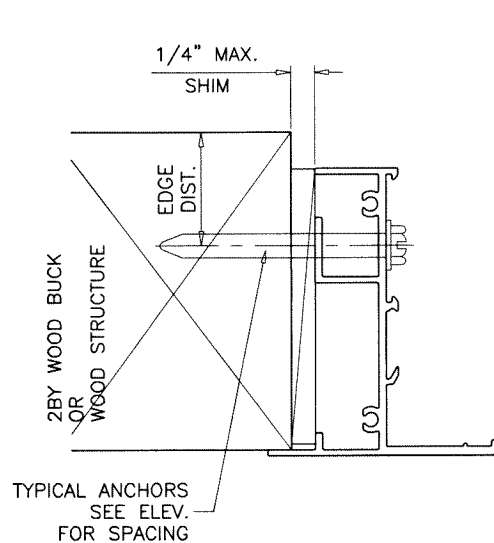
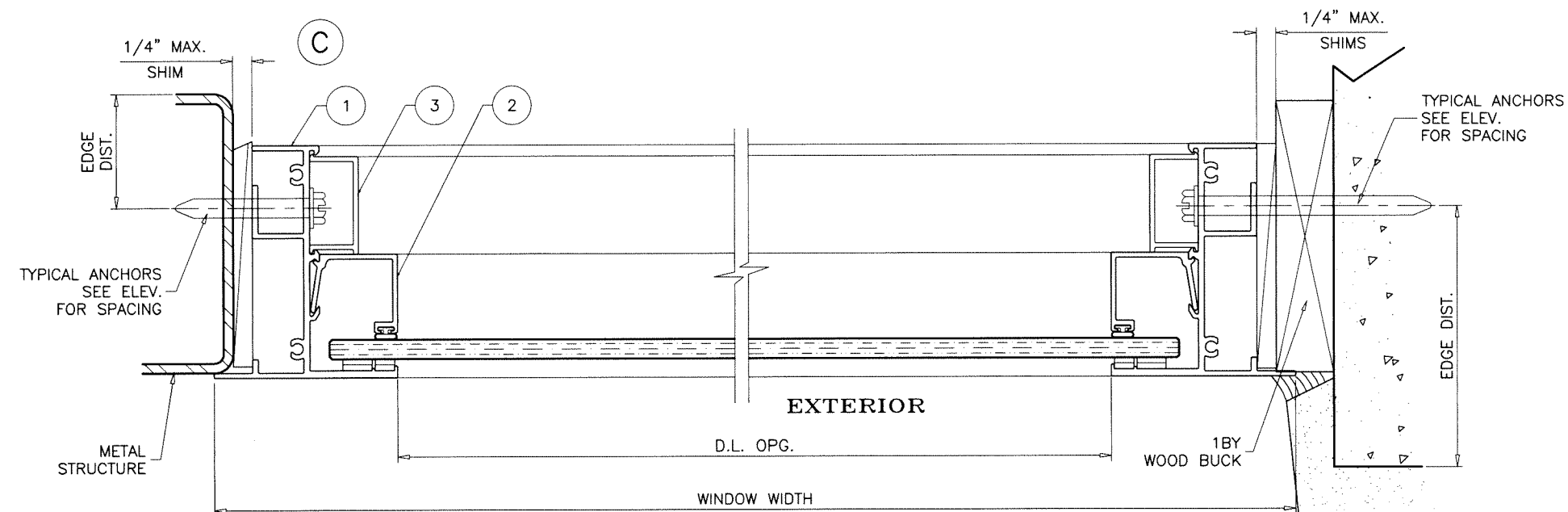
dr. by: TARIQ

chk. by:

drawing no.

19-103F

sheet 3 of 5



Sealed: 9/22/2026



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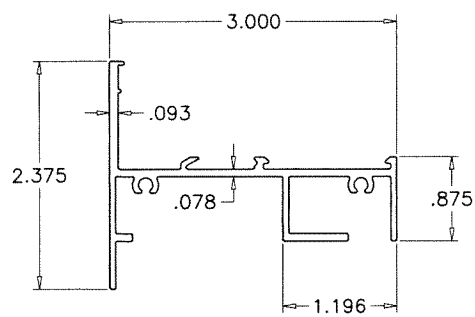
no	date	by	description

date: 10-11-19
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chk. by:

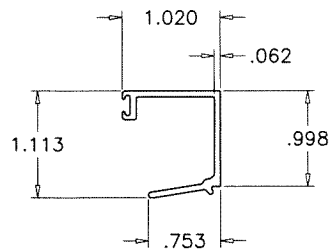
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19-103F

sheet 4 of 5

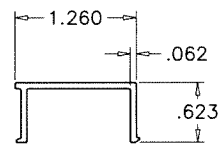
FL #31179



① WINDOW FRAME



② GLZING BEAD

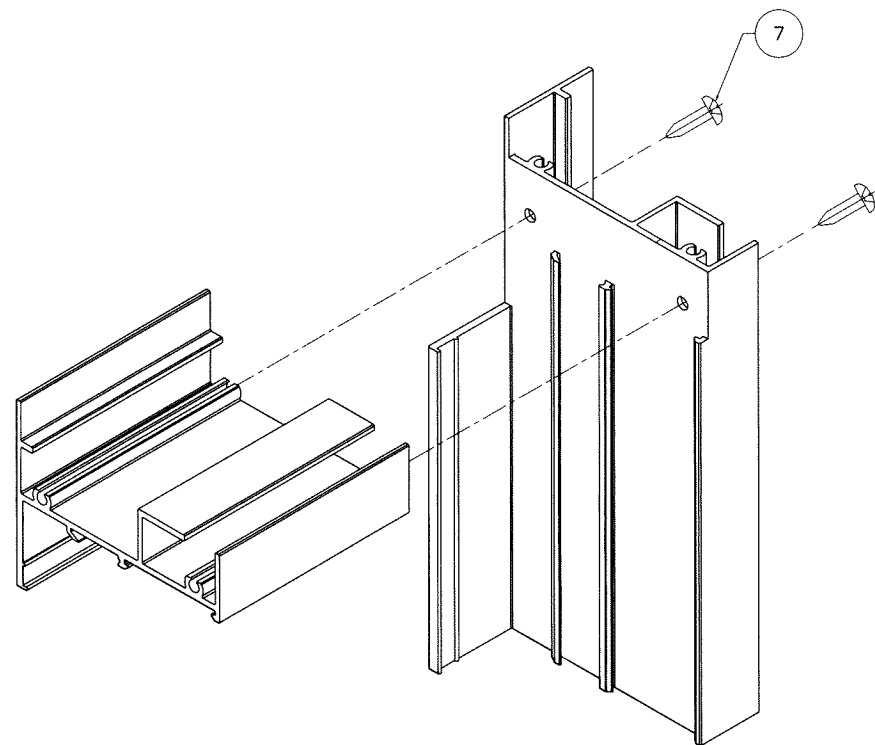


③ SCREW COVER

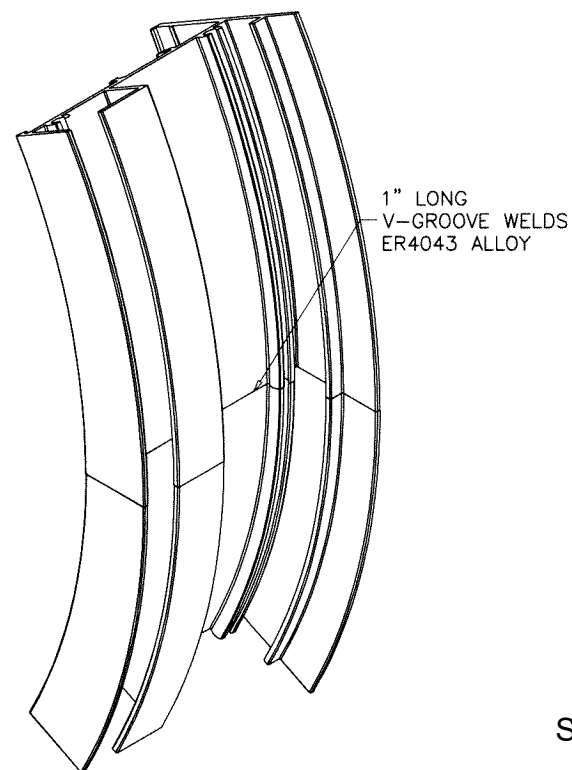
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	12063	4	WINDOW FRAME	6063-T6	-
2	12113	4	GLAZING BEAD	6063-T6	-
3	12064	4	SCREW COVER	6063-T6	-
4	750	AS REQD.	DOUBLE FACE GLAZING TAPE (1/4" X 1/4")	PE FOAM	ZIALOC
4A	750	AS REQD.	DOUBLE FACE GLAZING TAPE (1/4" X 3/8")	PE FOAM	ZIALOC
5	MPI P/N 83010	AS REQD.	GLAZING BEAD BULB	TPV/ POLYPROPYLENE	MELTPPOINT
6	SBRL1	AS REQD.	SETTING BLOCKS AT 1/4 POINTS (1/4" X 5/8")	EPDM	DUROMETER 80±5 SHORE A
7	#8 X 1"	AS REQD.	FRAME ASSEMBLY FASTENERS	CRS	P.H. SMS
8	BOSTIK 915	AS REQD.	EXTERIOR CORNER SEALANT	POLYURETHANE	-
9	-	-	-	-	-

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD SM-5504 JOINT SEALER.



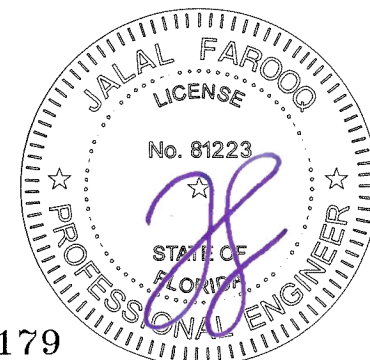
RECT. OR SQUARE WINDOWS



CIRCULAR WINDOWS

Sealed: 9/22/2026

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