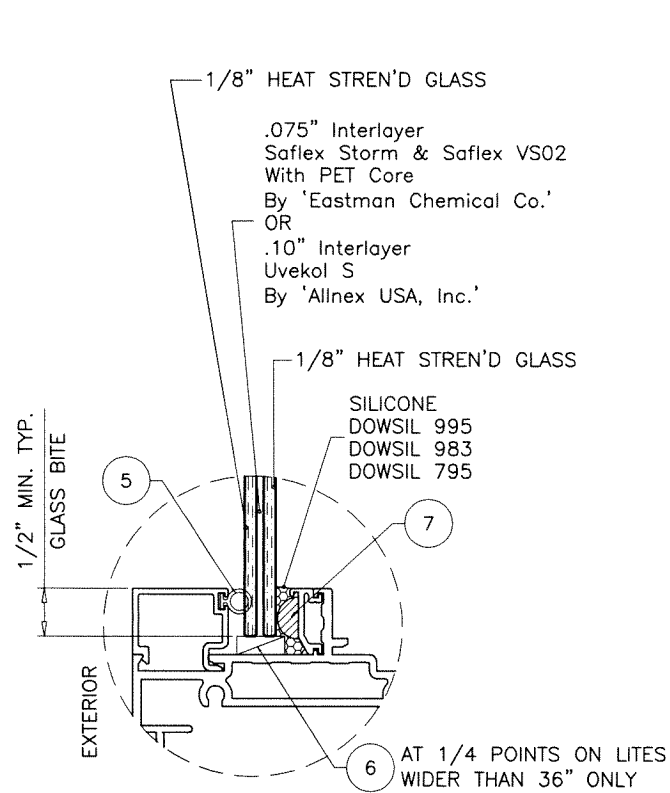
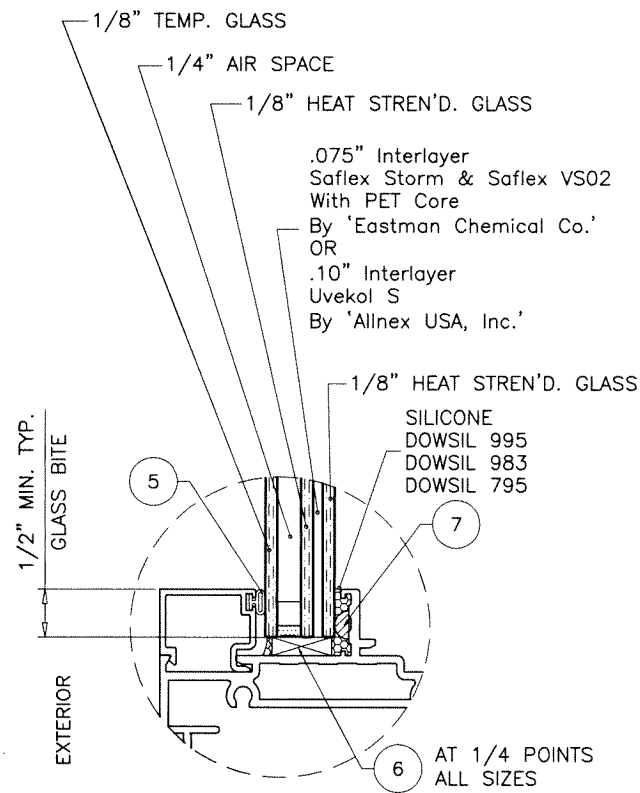
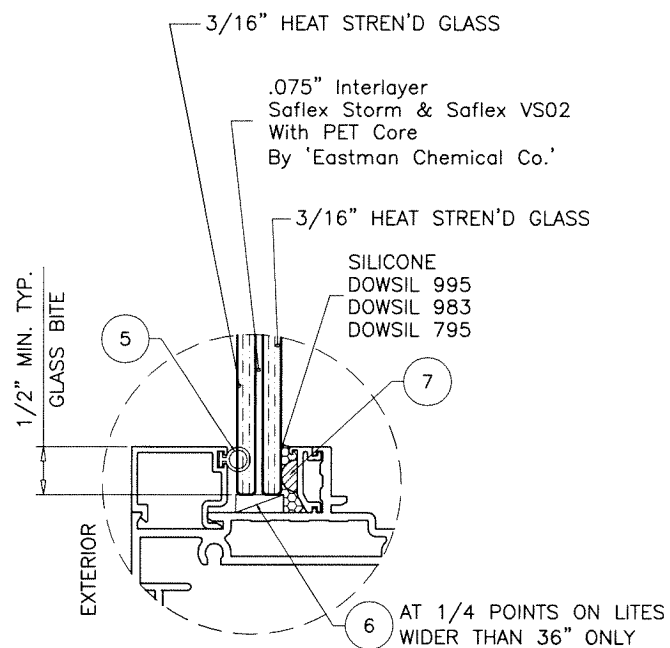




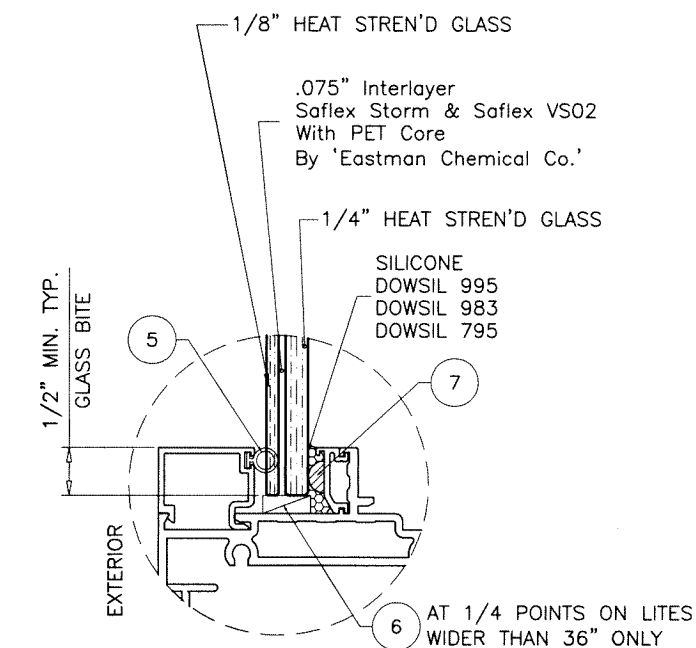
GLASS TYPE 'A'
5/16" OVERALL LAM. GLASS



GLASS TYPE 'Ai'
11/16" OVERALL LAM. GLASS

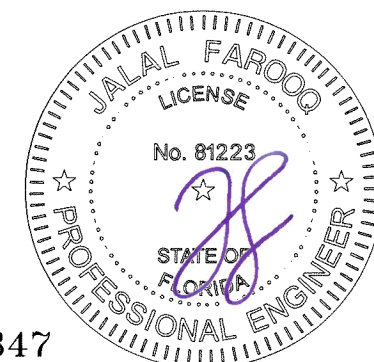


GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS



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

Sealed: 5/15/24



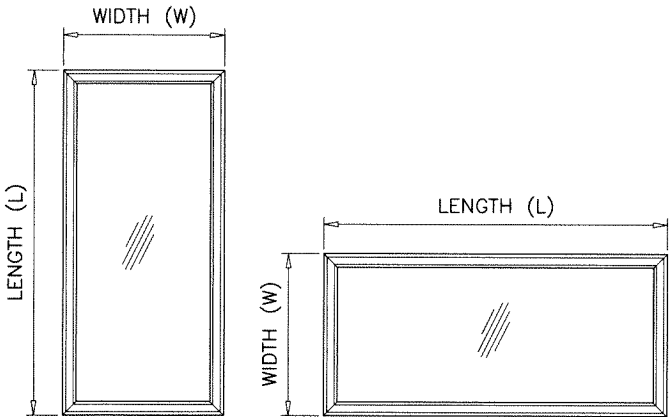
FL #41347

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
COMP-ANL\24-17F-AAG

Vista View Fixed Casement Window with LP (L.M.I.)
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Coral Springs, FL. 33065
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Revisions:		no date by description	
date:	04-25-24	scale:	1/2" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.	24-17F	sheet	2 of 6

DESIGN LOAD CAPACITY - PSF					
FRAME DIMS.		GLASS TYPE 'A' & 'Ai'		GLASS TYPES 'B' & 'C'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		80.0	85.0	80.0	85.0
53-1/8"		80.0	85.0	80.0	85.0
19-1/8"	38-3/8"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		80.0	85.0	80.0	85.0
53-1/8"		77.1	82.0	80.0	85.0
19-1/8"	50-5/8"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		80.0	85.0	80.0	85.0
53-1/8"		58.5	62.1	80.0	85.0
19-1/8"	56"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		80.0	85.0	80.0	85.0
53-1/8"		-	-	80.0	85.0
19-1/8"	63"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		80.0	85.0	80.0	85.0
53-1/8"		-	-	80.0	85.0
19-1/8"	72"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		80.0	85.0	80.0	85.0
53-1/8"		-	-	80.0	85.0
19-1/8"	76"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		80.0	85.0	80.0	85.0
53-1/8"		-	-	80.0	85.0

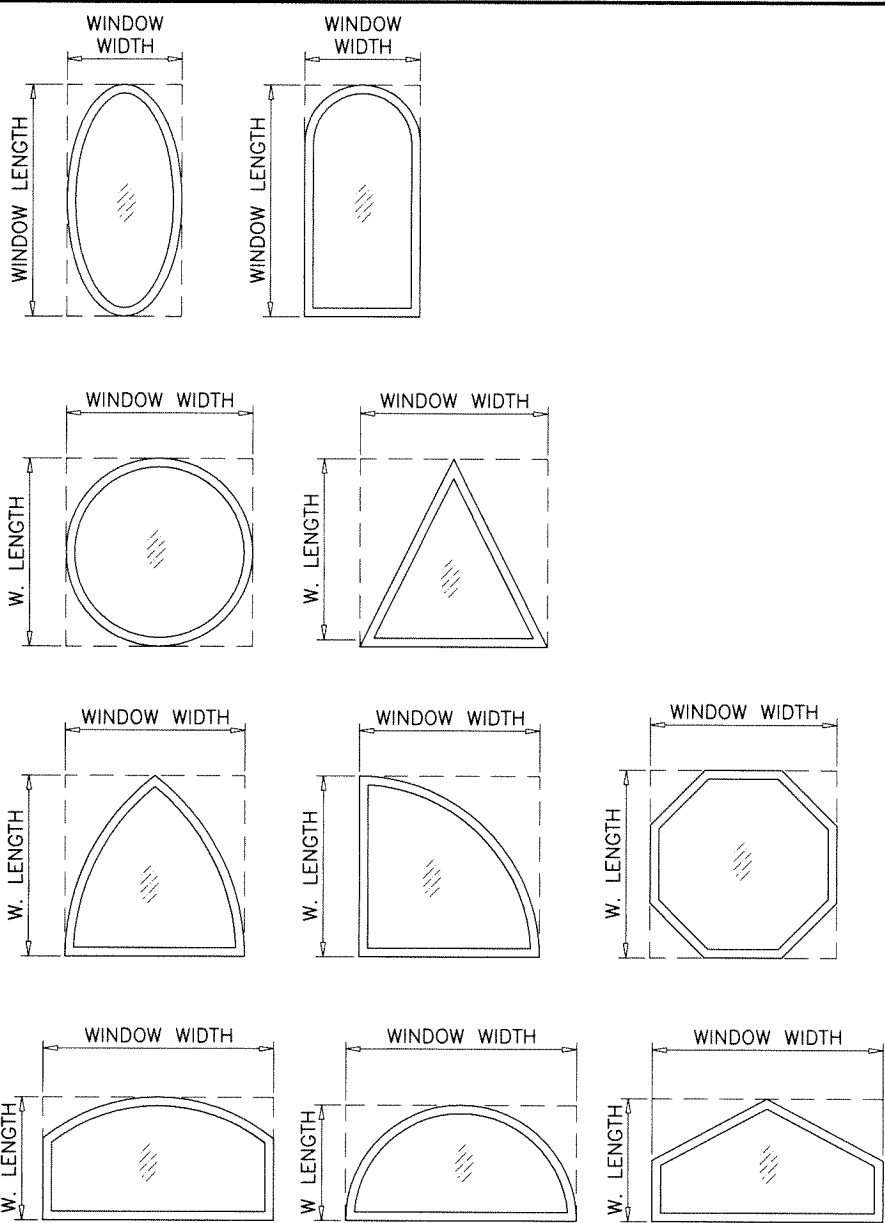


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE
ORIENTED VERTICALLY OR HORIZONTALLY
AS SHOWN ABOVE.

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

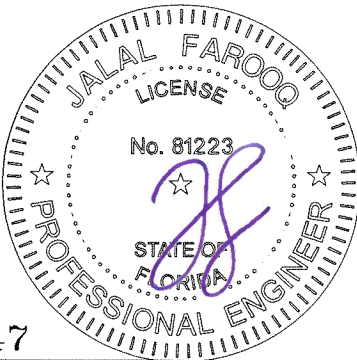
DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPE 'A' & 'Ai'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)
24"	48"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		70.5	74.9
48"		61.7	65.5
54"		61.7	65.5
24"	54"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		70.5	74.9
48"		61.7	65.5
24"	66"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		70.5	74.9
48"		61.7	65.5
24"	78"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
24"	90"	80.0	85.0
30"		80.0	85.0
24"	96"	80.0	85.0

DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPES 'B' & 'C'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)
24"	72"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		80.0	85.0
48"		80.0	85.0
54"		80.0	85.0
60"		80.0	85.0
24"	78"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		80.0	85.0
48"		80.0	85.0
54"		80.0	85.0
60"		78.0	82.9
66"		75.6	80.4
24"	84"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		80.0	85.0
48"		80.0	85.0
54"		78.6	83.5
60"		74.7	79.3
24"	90"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		80.0	85.0
48"		80.0	85.0
54"		76.2	81.0
60"		74.2	78.8
24"	96"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		80.0	85.0
48"		80.0	85.0
54"		74.2	78.8
60"		74.2	78.8



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.

Sealed: 5/15/24

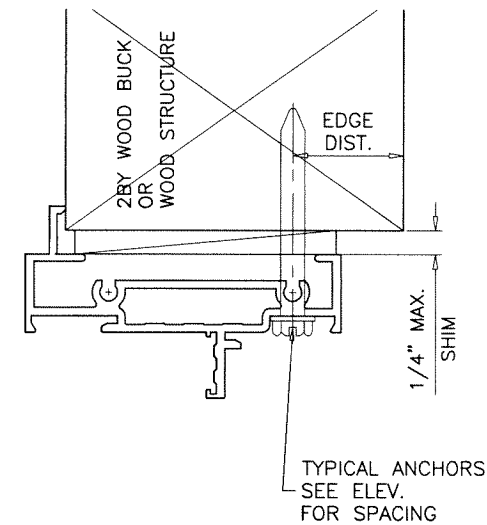
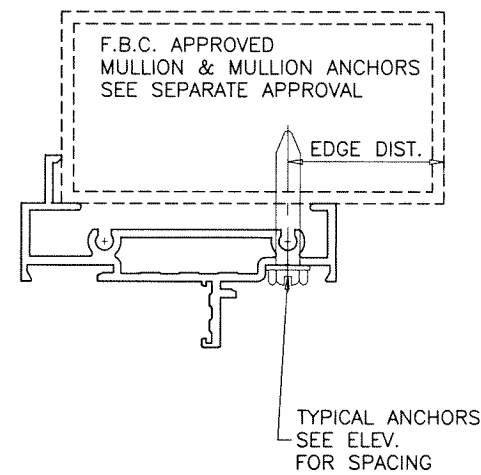
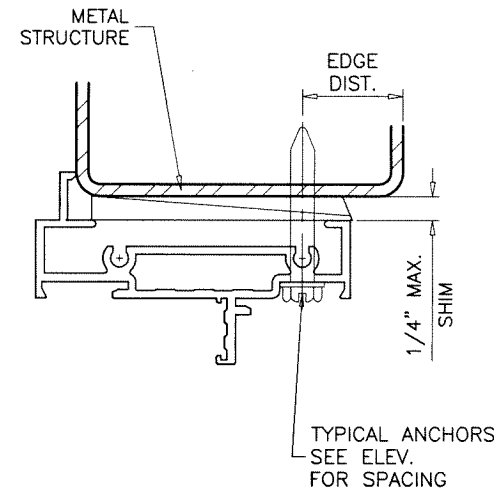
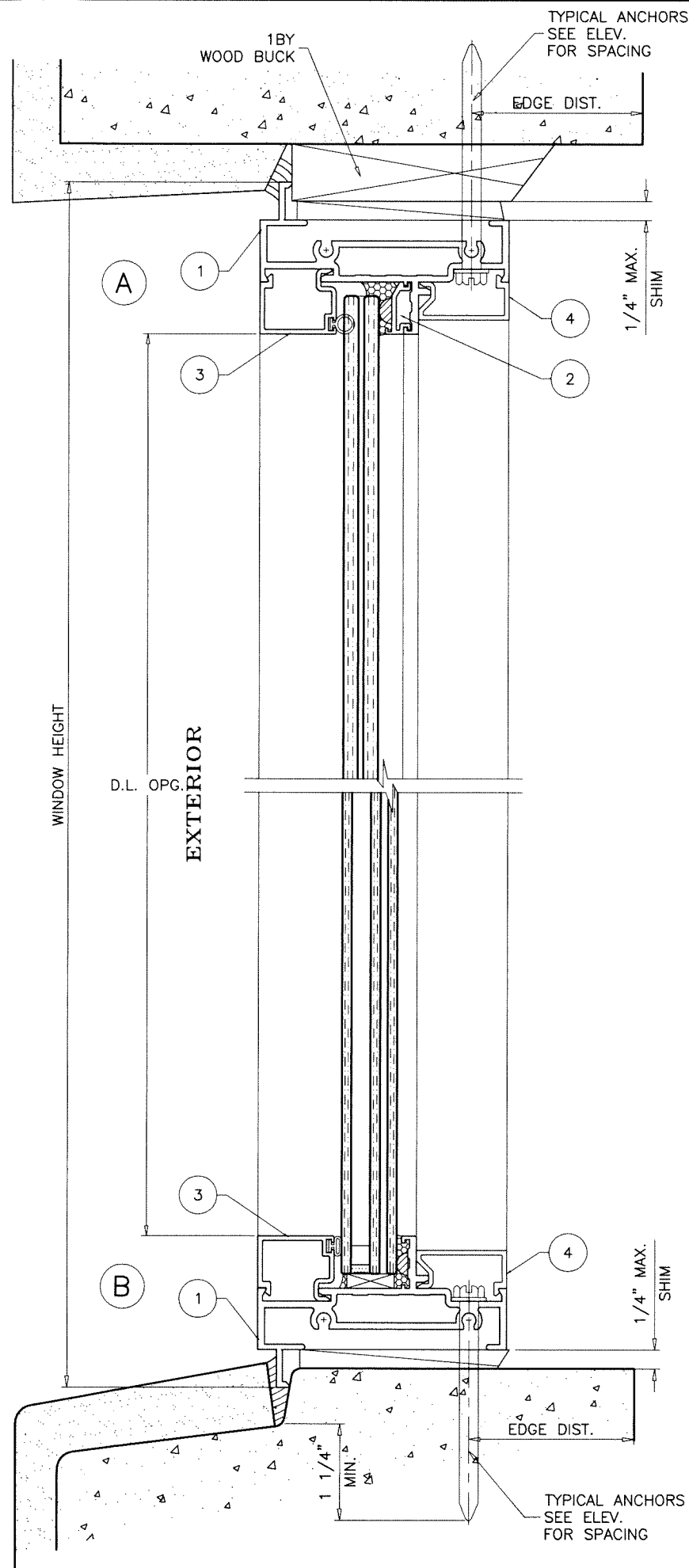


afC
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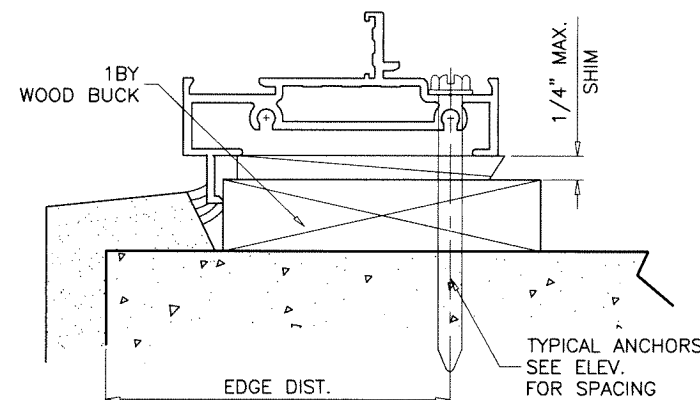
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dr. by: TARIQ
chk. by:
drawing no.
24-17F
sheet 3 of 6

FL #41347



WOOD BUCKS AND METAL STRUCTURE NOT BY 'ALDORA ALUMINUM AND GLASS PRODUCTS' 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' ($F_u=164$ KSI, $F_y=148$ 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)

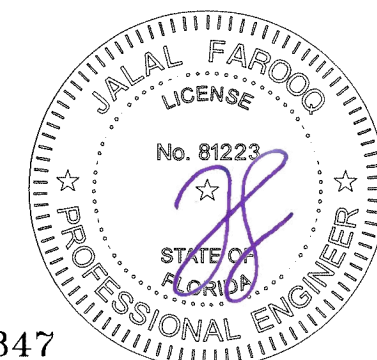
#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO F.B.C. APPROVED MULLIONS
 OR
 INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. ($F_y = 36$ KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED 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.

Sealed: 5/15/24

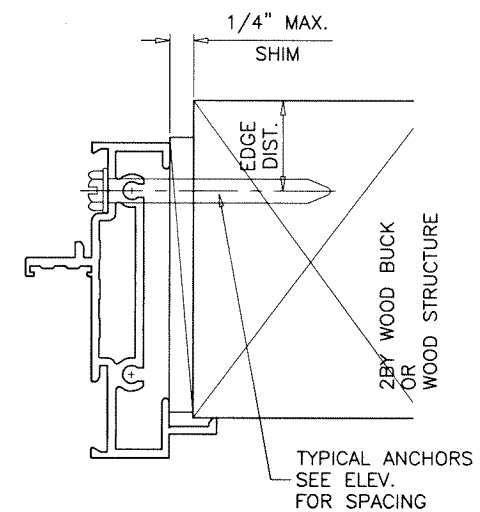
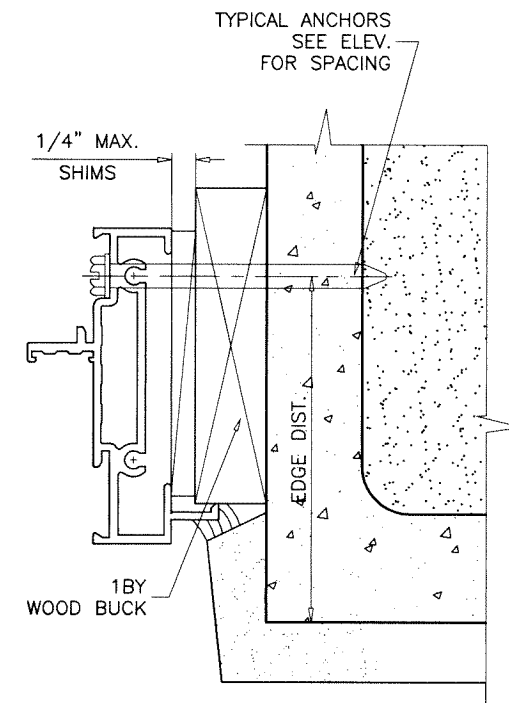


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dr. by:	TARIQ		
chk. by:			
drawing no.		24-17F	
sheet 4 of 6			



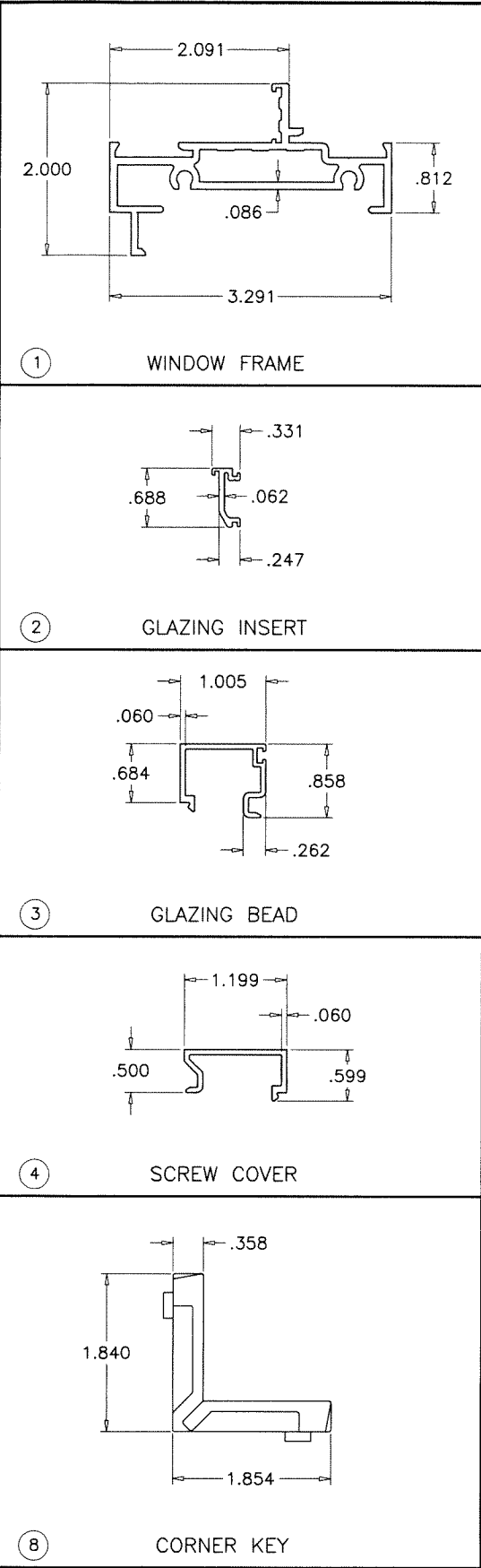
A circular professional engineer seal for the State of Florida. The outer ring contains the text "JALAL FAROOQ" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this ring, the word "LICENSE" is at the top and "STATE OF FLORIDA" is at the bottom, also separated by two stars. In the center, the license number "No. 81223" is printed above a large, stylized purple signature. The seal is surrounded by a dashed circular line.

FL #41347

date: 04-25-24		revisions:	
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chk. by:		_____	

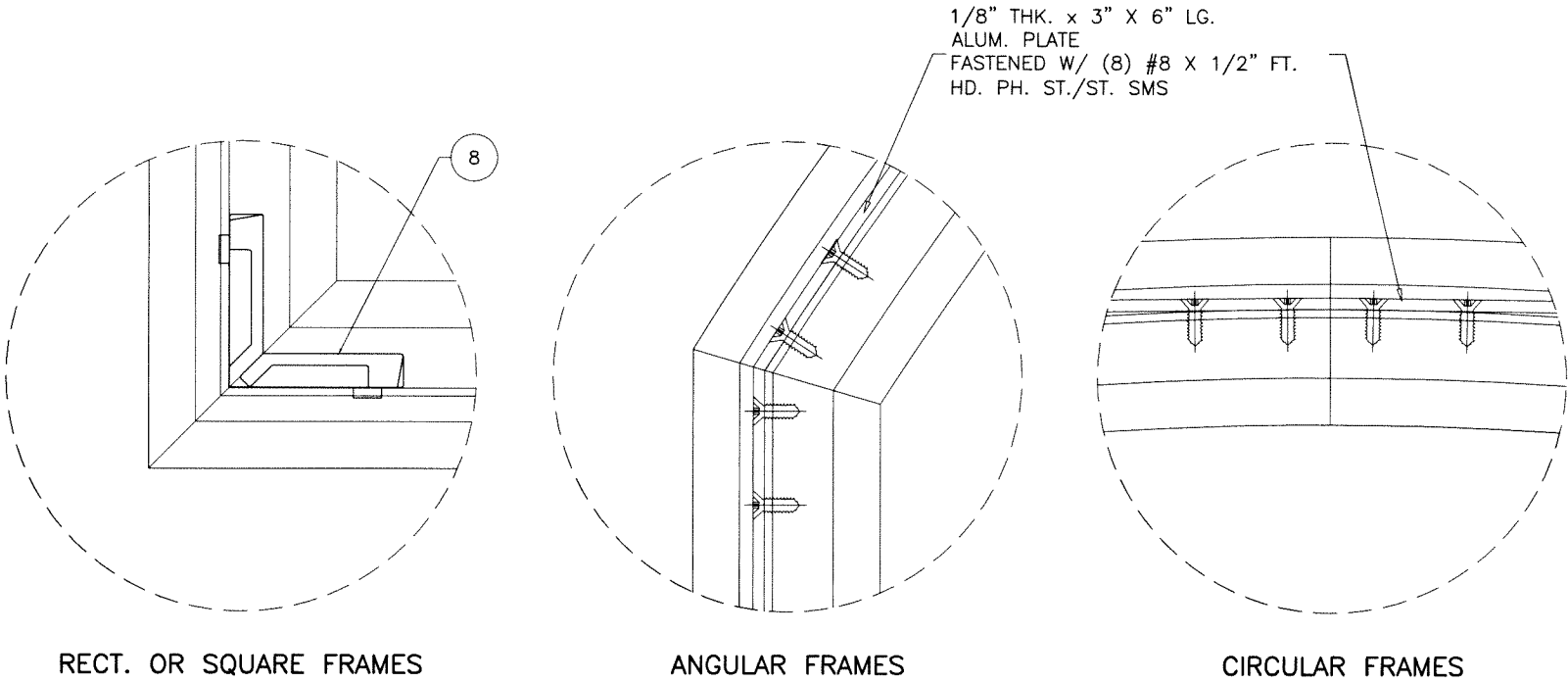
drawing no. 24-17F

sheet 5 of 6



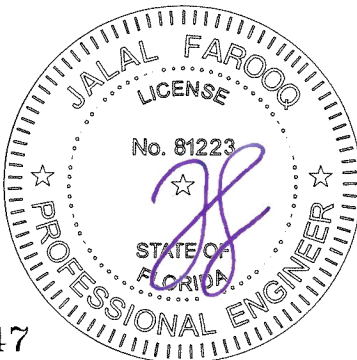
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SMI-836	4	WINDOW FRAME	6063-T6	-
2	SMI-822	4	GLAZING INSERT	6063-T6	-
3	SMI-827	4	GLAZING BEAD	6063-T6	-
4	SMI-837	4	SCREW COVER	6063-T6	-
5	SMI-B02	AS REQD.	GLAZING GASKET	-	MELTPPOINT
6	SMI-SB14	AS REQD.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
7	MSC-001	AS REQD.	BUMPON SPACER, FLB-51	POLYURETHANE	FRANK LOWE
8	0472.8	AS REQD.	CORNER KEY	-	MONTICELLI
9	-	-	-	-	-

SEALANT:
ALL JOINTS AND FRAME CONNECTIONS SEALED
WITH SILICONE.



WINDOW CORNER DETAILS

Sealed: 5/15/24



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sheet 6 of 6