

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

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

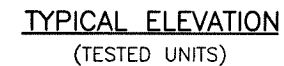
1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

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

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023/2026 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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.



D.L.O. HEIGHT = WINDOW HEIGHT - 6.813"
D.L.O. WIDTH = WINDOW WIDTH - 6.813"

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

FL #41347

A circular professional engineer seal for Jalal Farooq. The outer ring contains the text "JALAL FAROOQ" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the 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. A large, stylized purple signature is written across the center of the seal.

date: 09-15-22		revisions:	
scale: 1/2"=1'-0"	no	date	by
dr. by: TARIQ	A	02.08.23	INSUL. GLASS ADDED
	B	07.01.23	UPDATED TO 2023 FBC
	C	07.15.26	UPDATED TO 2026 FBC
chk. by:			

Vista View Fixed Casement Window (L.M.I.)

Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive, Suite 101
Coral Springs, FL 33065

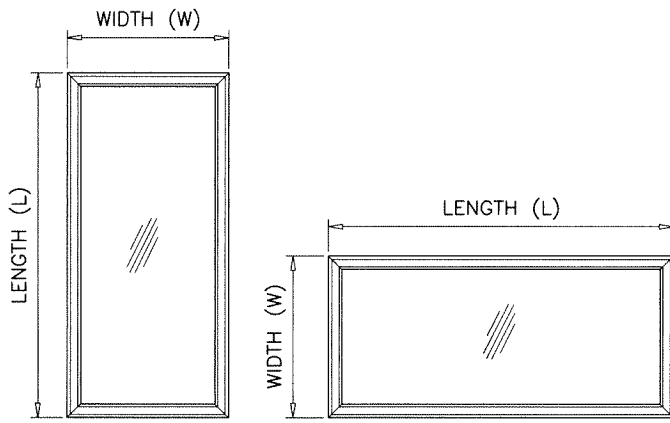
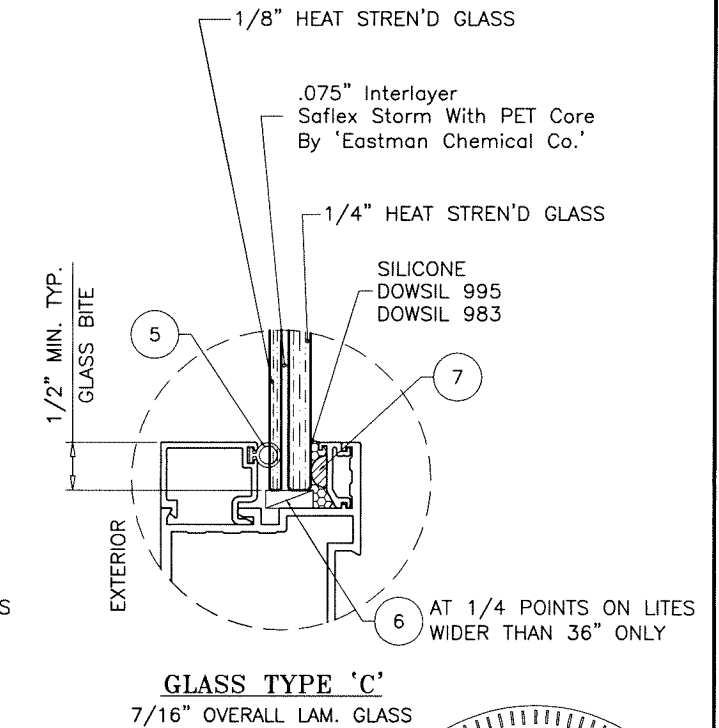
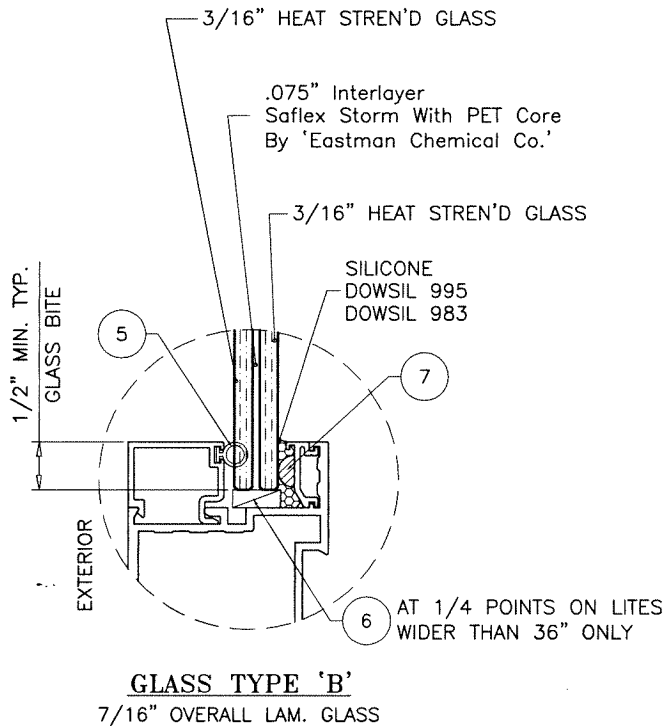
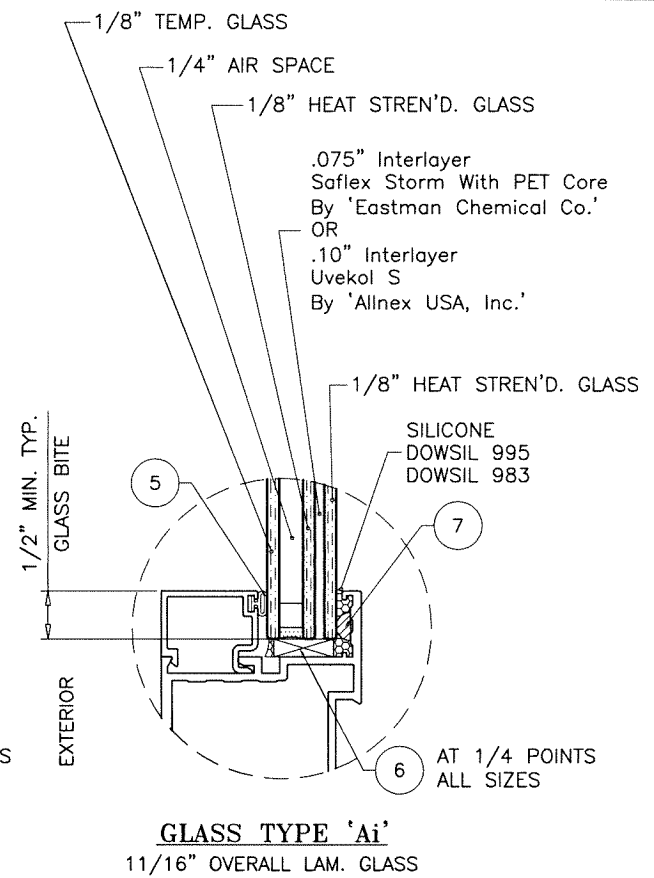
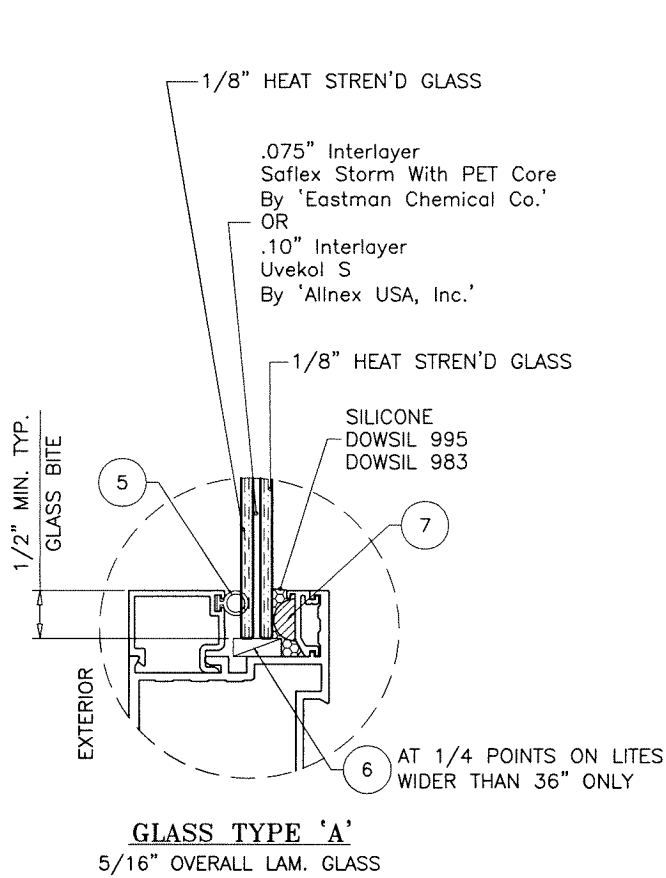
tel. (954) /84-6900 Fax. (954) /84-6901

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
COMP—ANL\22—
FBPE #3538

FBPE #3538

DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPE 'A' & 'Ai'	
WIDTH	HEIGHT	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	HEIGHT	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
66"		80.0	85.0
72"		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
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



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

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC. GUSTS).

Sealed: 7/16/2026
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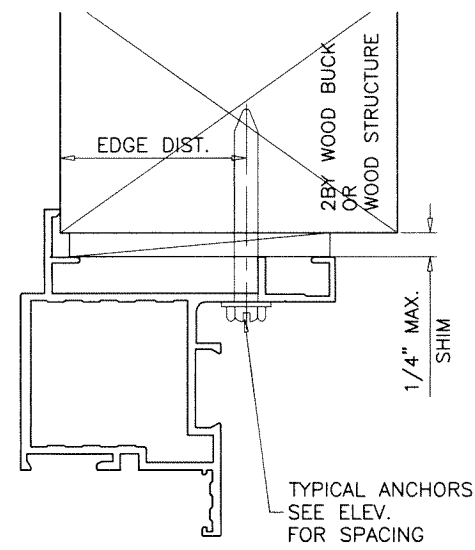
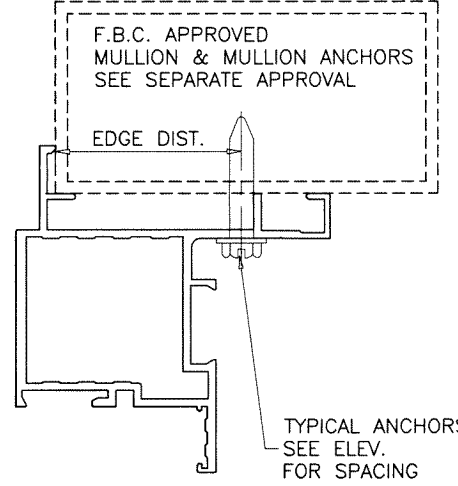
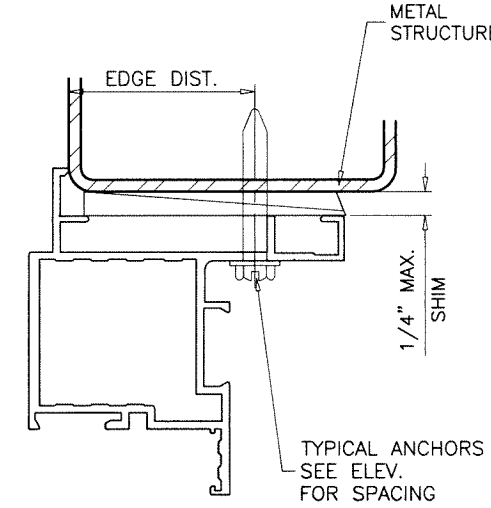
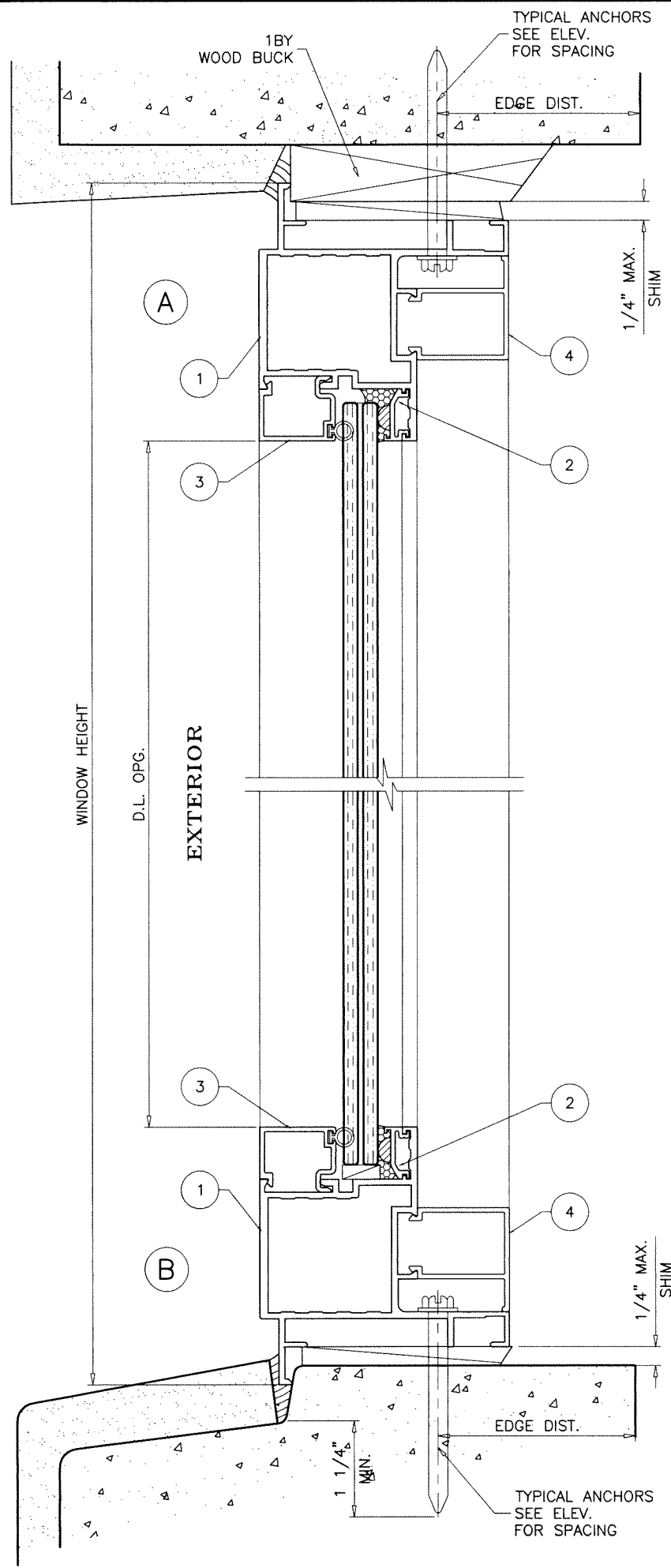
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revisions:

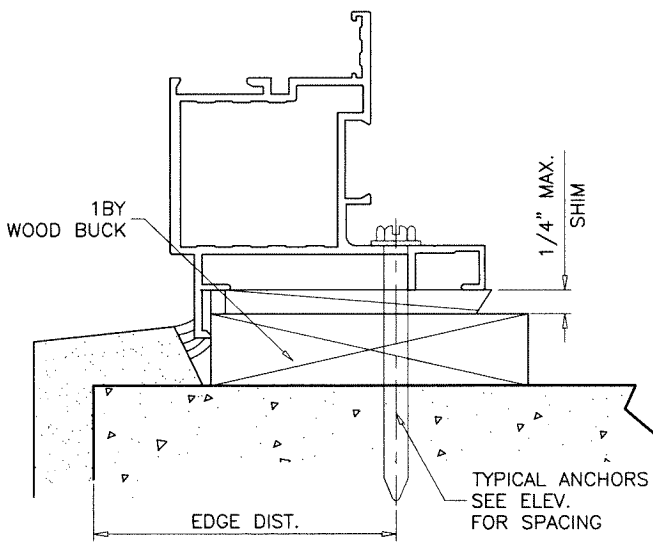
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date: 09-15-22
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
22-34F
sheet 2 of 5



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' (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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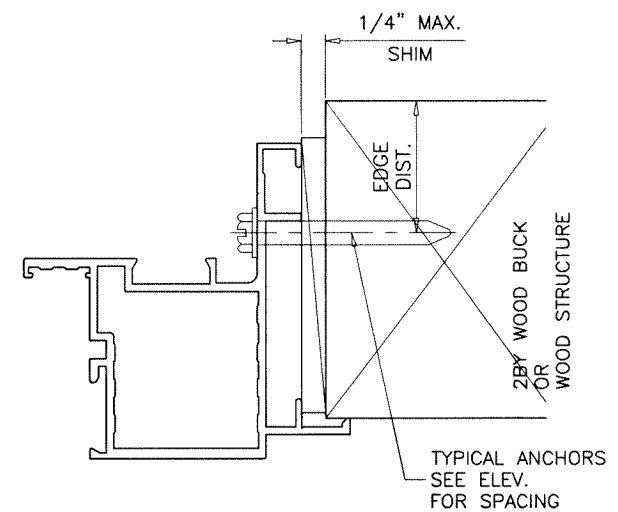
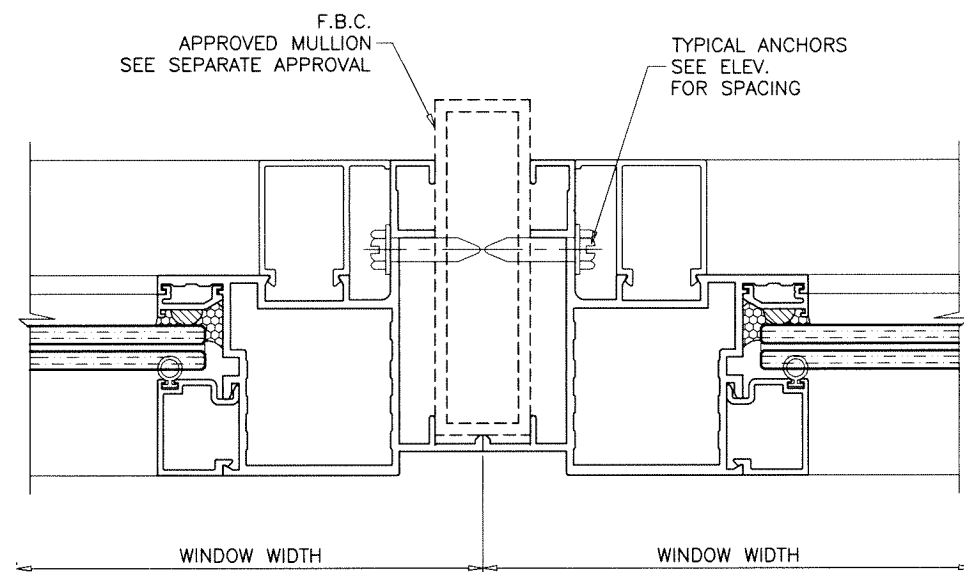
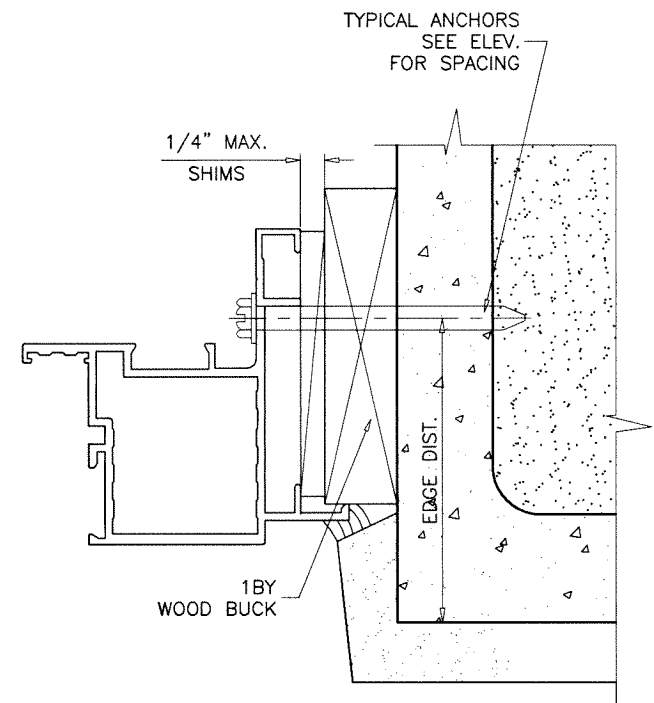
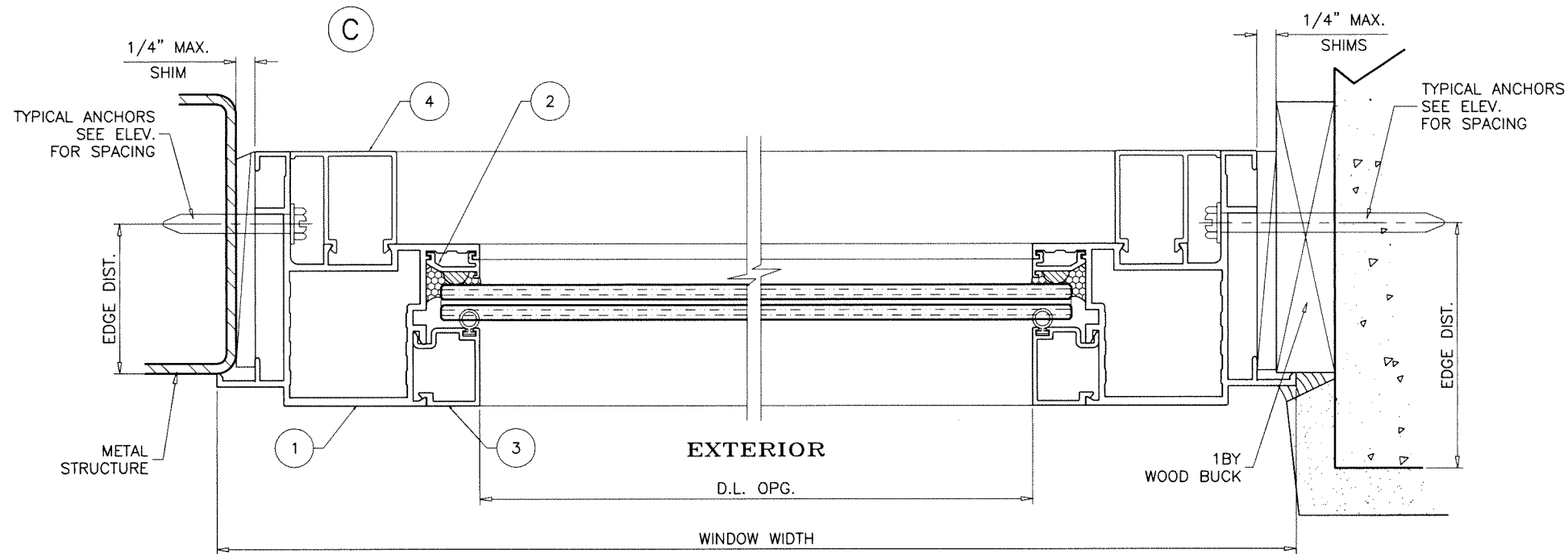


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drawing no. 22-34F	
sheet 3 of 5	



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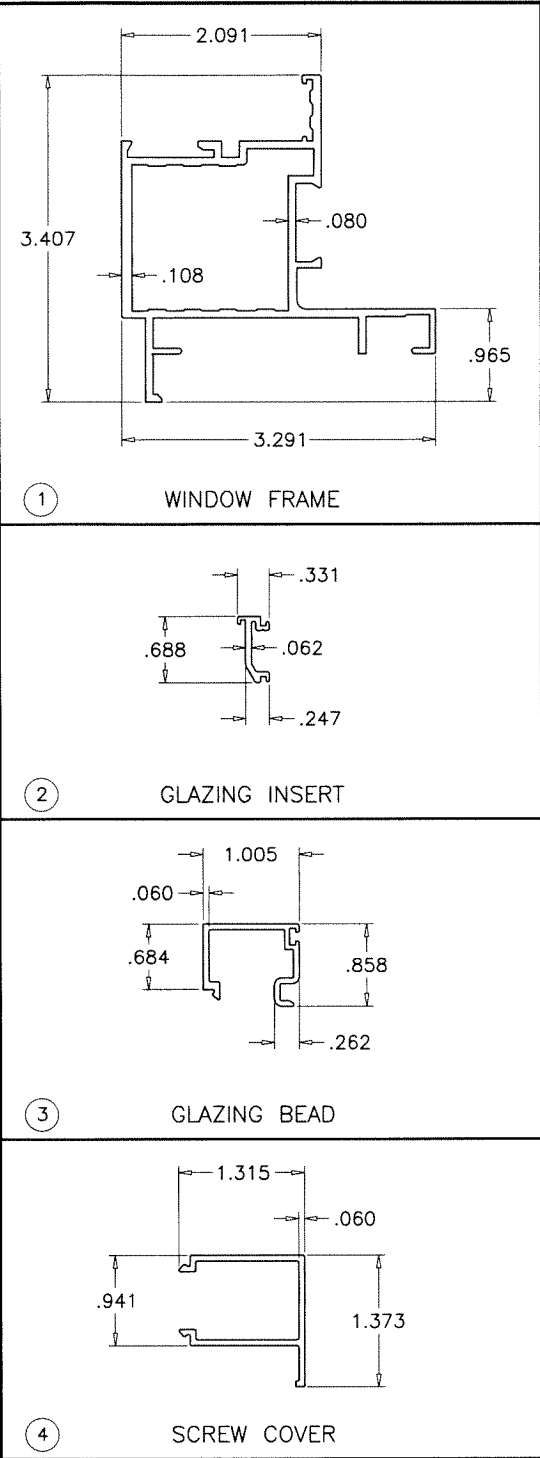
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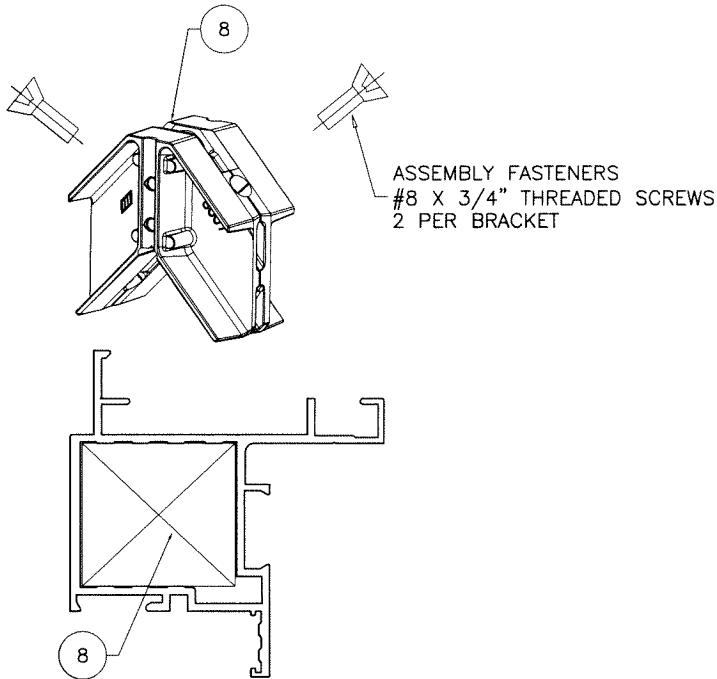
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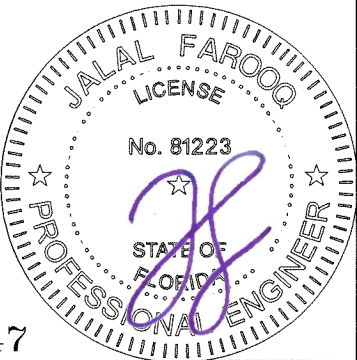


ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SMI-835	4	WINDOW FRAME	6063-T6	-
2	SMI-822	4	GLAZING INSERT	6063-T6	-
3	SMI-827	4	GLAZING BEAD	6063-T6	-
4	SMI-834	4	SCREW COVER	6063-T6	-
5	SMI-B02	AS REQD.	GLAZING GASKET	-	MELTPPOINT
6	-	AS REQD.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
7	MSC-001	AS REQD.	BUMPON SPACER, FLB-51	POLYURETHANE	FRANK LOWE
8	HDW-025	AS REQD.	CORNER KEY	-	MONTICELLI
9	-	-	-	-	-

SEALANT:
ALL JOINTS AND FRAME CONNECTIONS SEALED
WITH SILICONE.



Sealed: 7/16/2026



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af c

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