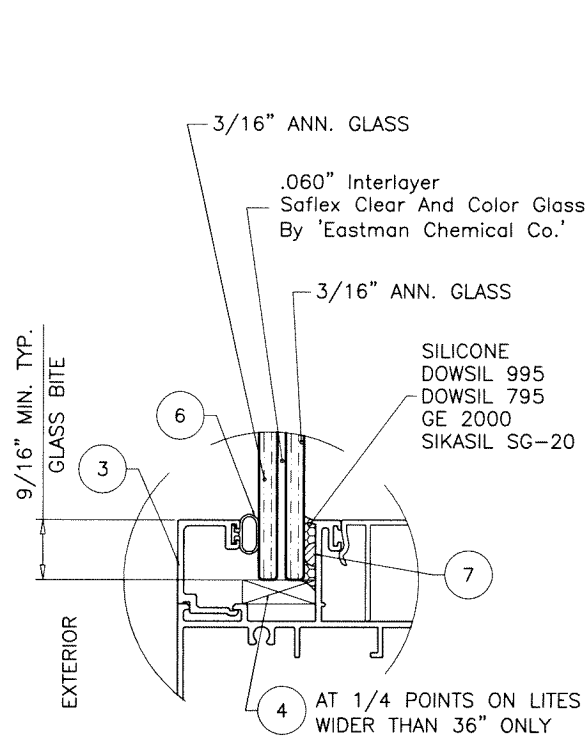
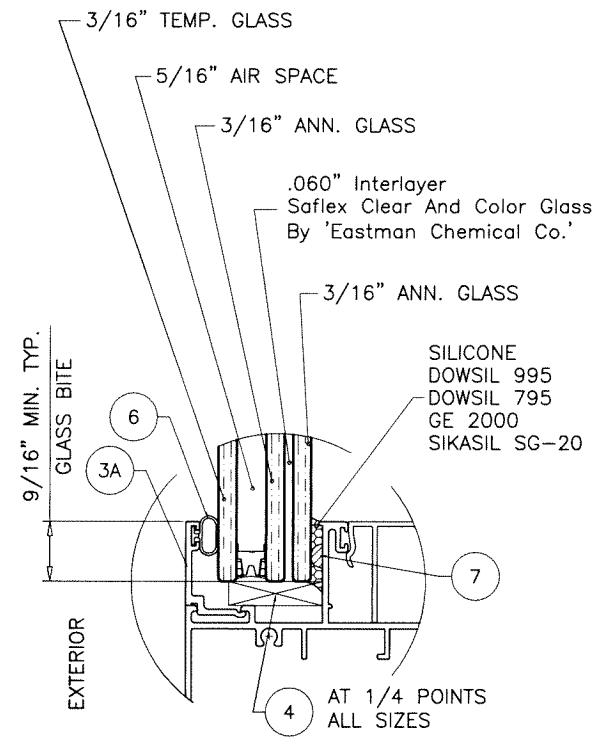
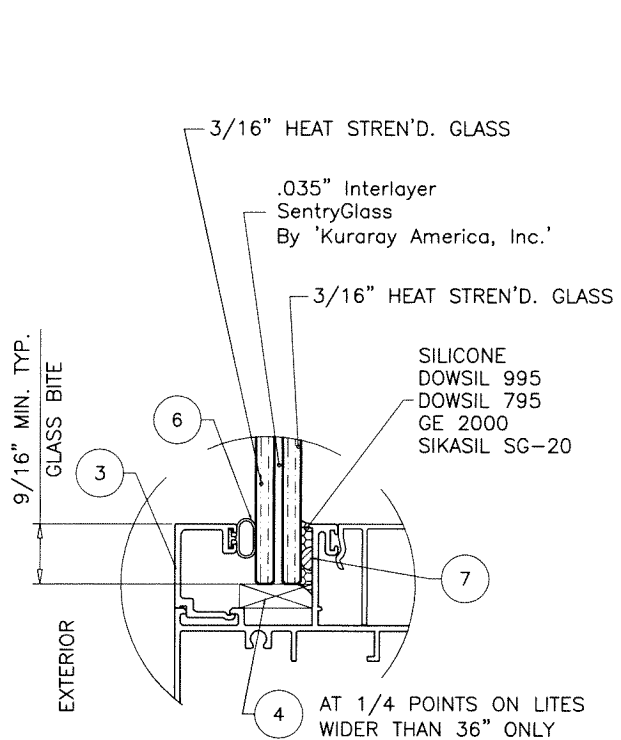




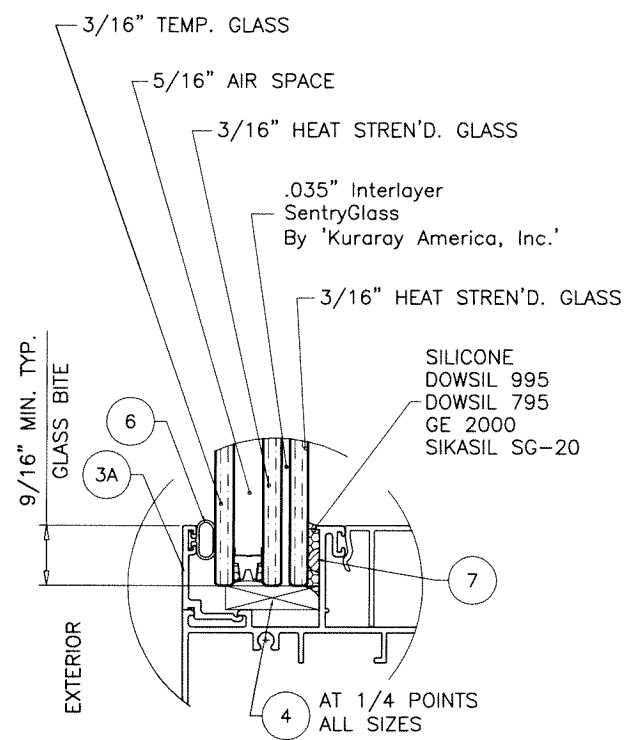
GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS



GLASS TYPE 'Ai'
15/16" OVERALL INSUL. LAM. GLASS



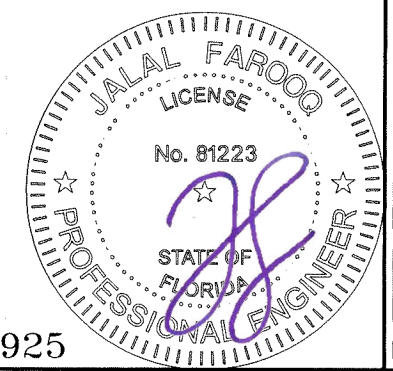
GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS



GLASS TYPE 'Bi'
15/16" OVERALL INSUL. LAM. GLASS

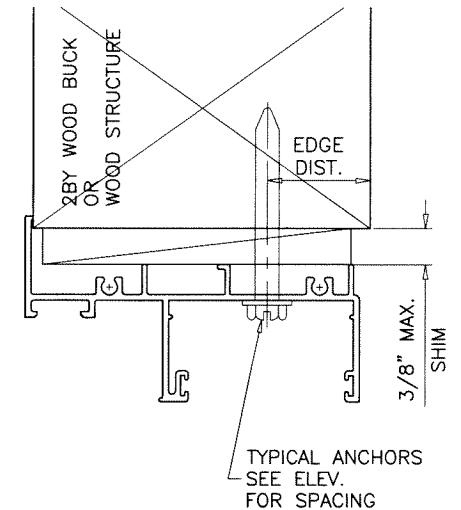
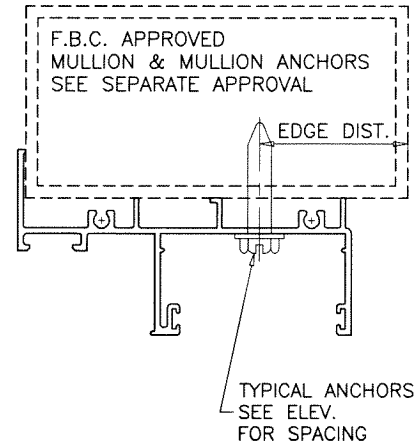
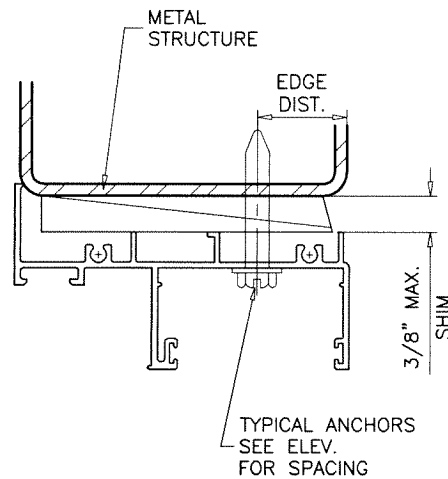
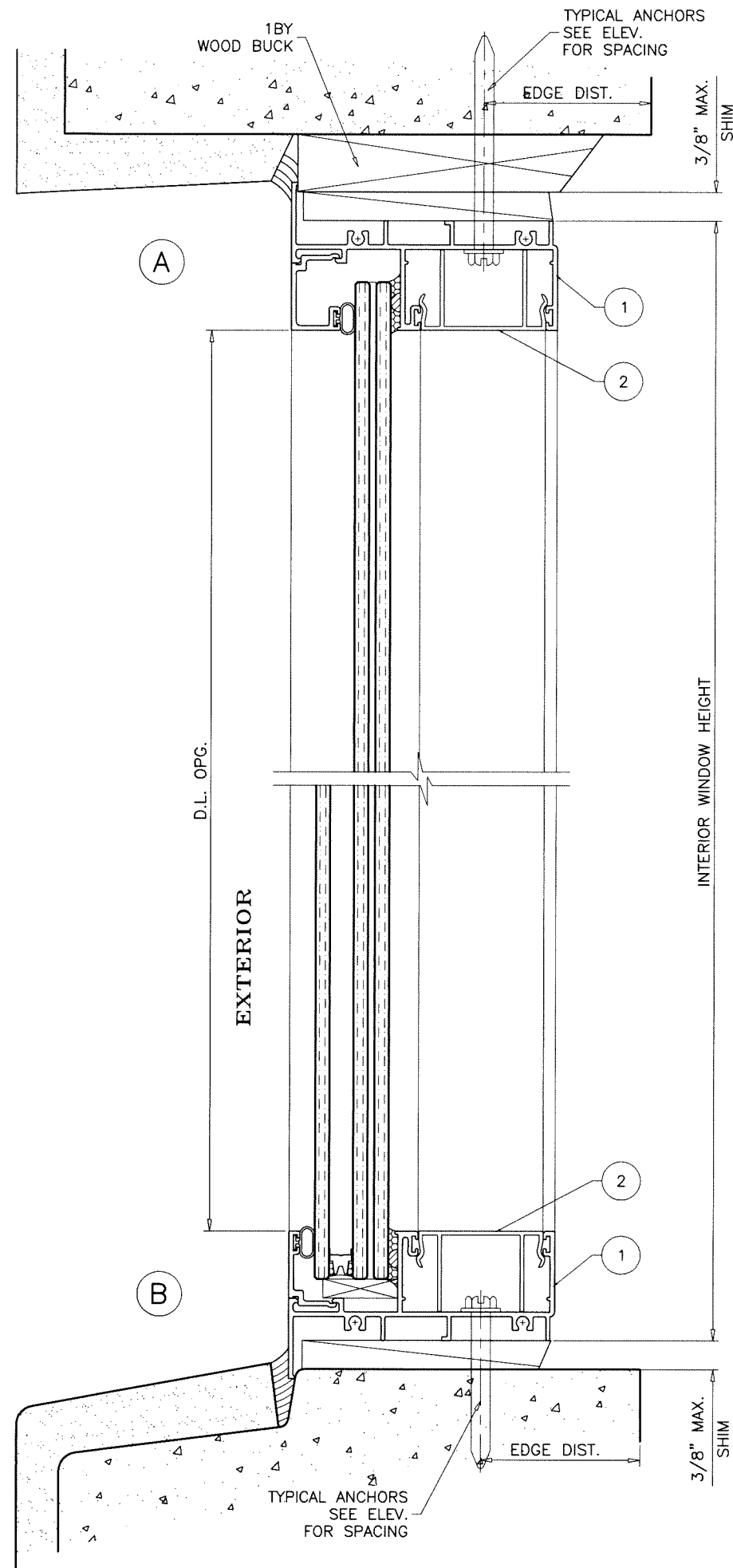
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FL #33925



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)		SERIES-100FW ALUMINUM FIXED WDW. (S.M.I.)																					
		ALUMINEX Windows & Doors LLC. 6333 N.W. 74th Avenue Miami, FL 33166 Tel. (786) 222-0427 Fax. (-)																					
date: 02-24-20 scale: 1/2" = 1" dr. by: TARIQ chk. by:		revisions: <table border="1"> <tr> <th>no</th> <th>date</th> <th>by</th> <th>description</th> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>		no	date	by	description																
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drawing no. 20-21F		sheet 2 of 6																					

COMP-ANL\20-21F-AWD



WOOD BUCKS AND METAL STRUCTURE NOT BY 'ALUMINEX 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 STRUCTURES

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

THRU 1BY OR 2BY WOOD 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

2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

2" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 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.

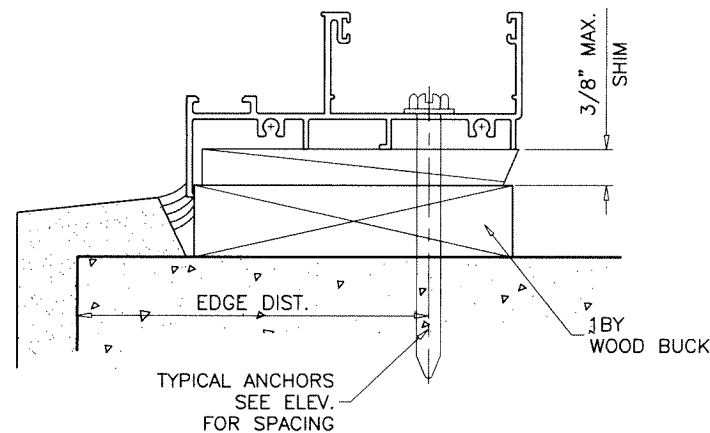
INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

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

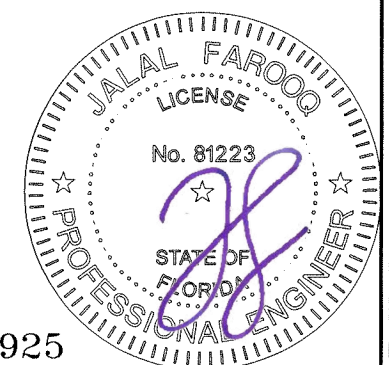
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

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



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COMP-ANL\20-21F-AWD

SERIES-100FW ALUMINUM FIXED WDW. (S.M.I.)

ALUMINEX Windows & Doors LLC.

6333 N.W. 74th Avenue

Miami, FL 33166

Tel. (786) 222-0427 Fax. (-)

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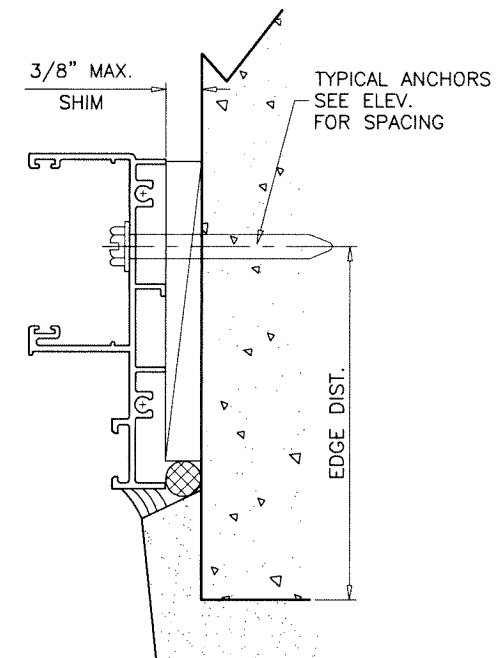
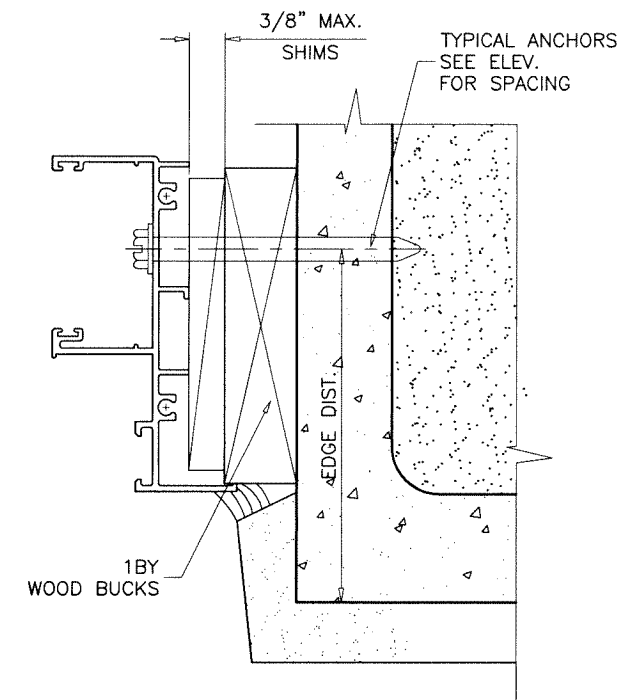
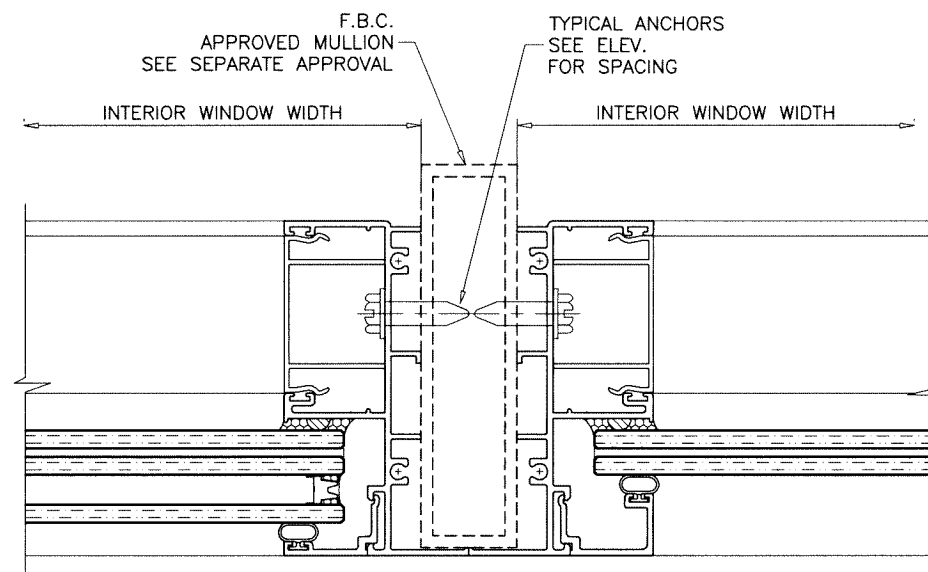
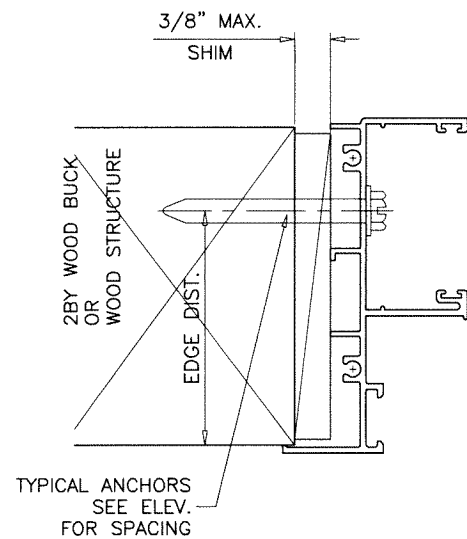
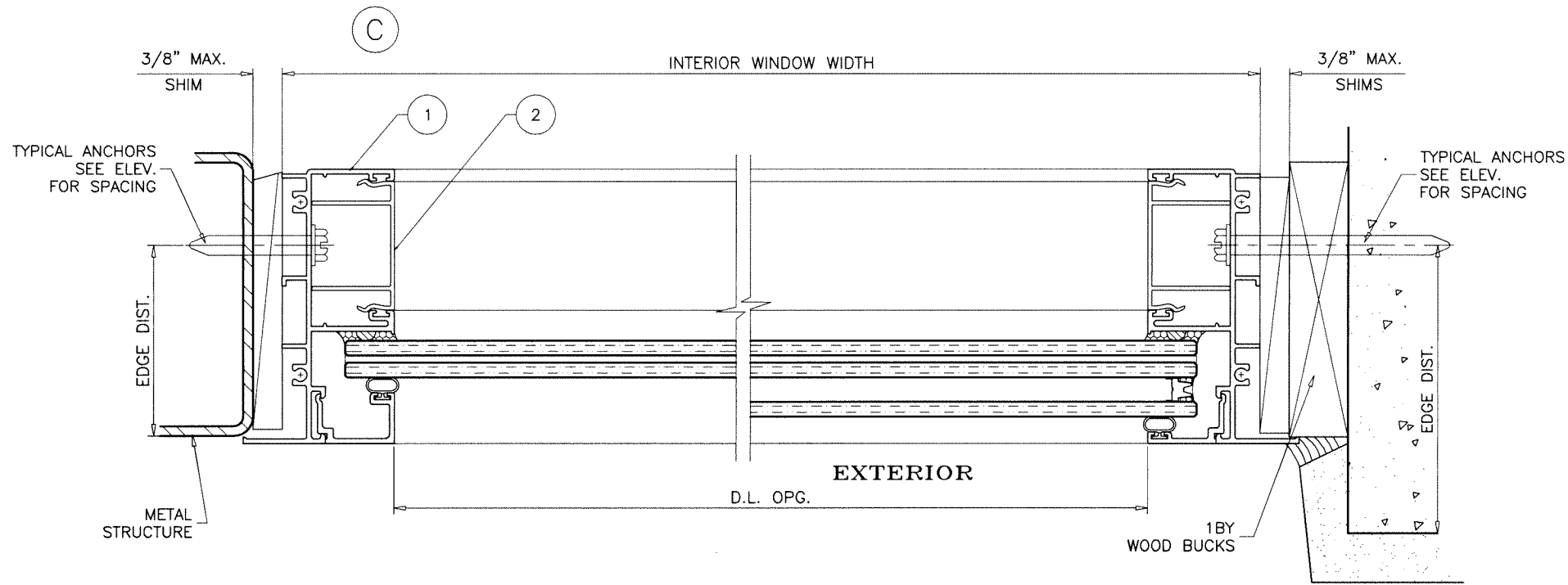
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chk. by:

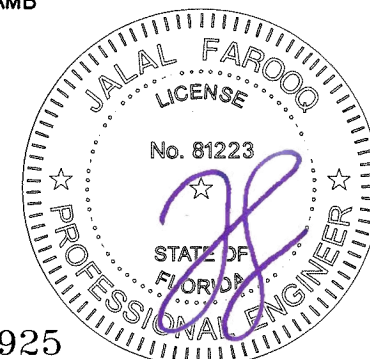
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sheet 4 of 6



FLUSH FRAME WITH
TRIMMED EXTERIOR FLANGE
HEAD/SILL/JAMB



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FL #33925

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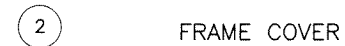
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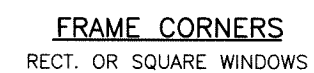
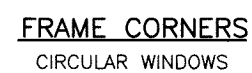
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sheet 5 of 6

COMP-ANL\20-21F-AWD

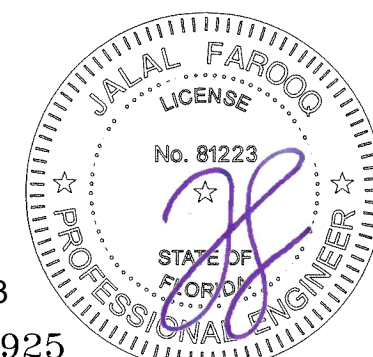


ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	116	4	FRAME	6063-T6	PROFILE
2	117	4	FRAME COVER	6063-T6	PROFILE
3	115	4	GLAZING BEAD (LAM. GLASS)	6063-T6	PROFILE
3A	103	4	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	PROFILE
4	-	2/ LITE	SETTING BLOCK AT 1/4 POINTS (1/4" X 1" X 2" LONG)	EPDM	DUROMETER 80±5 SHORE A
5	#10 X 1-1/2"	8/ VENT	FRAME ASSEMBLY SCREW	ST. STEEL	FH SMS TYPE B
6	E-206	AS RQD.	GLAZING BEAD BULB	TPE/POLYPROP.	SULLIVAN & ASSOC.
7	-	AS REQD.	GLASS SPACER	SILICONE	FRANK LOWE

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
WHITE/ALUMINUM COLORED GENERAL PURPOSE SILICONE.



FL #33925



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sheet 6 of 6			