

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

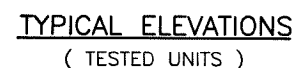
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL
WILL APPLY TO ENTIRE SYSTEM.

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

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.

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.



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

FL #47199

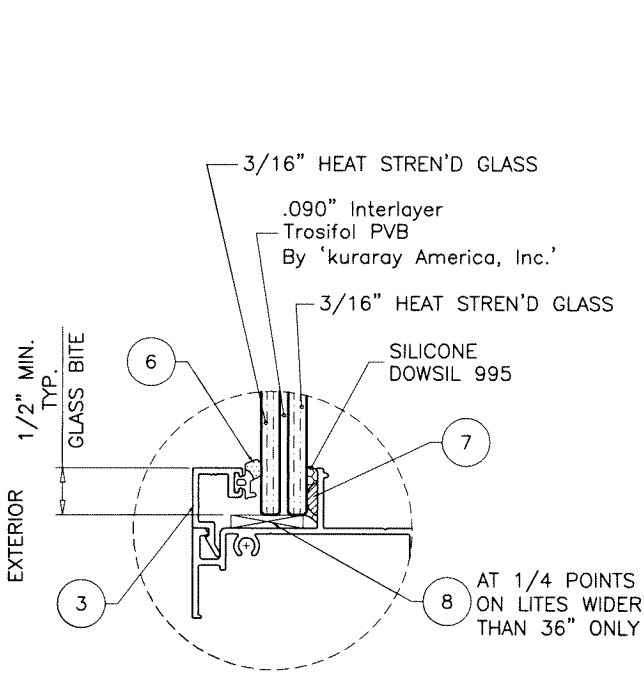
Alucorp S.A. De C.V.
Calle 2 Tablaje 17439 Int C X 21y
25 Chichi Suarez, Merida
Yucatan, Mexico
Tel. (-) Fax. (-)

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

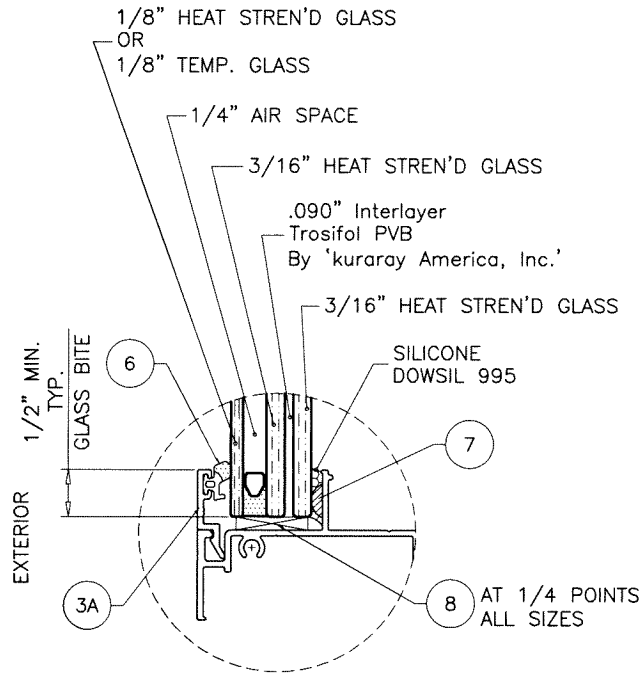
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dr. by: TARIQ		A	03.01.25
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drawing no.		description	
24-87F		MILLION ADDED	
sheet 1 of 8			

DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPES 'A' & 'Ai'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
19-1/8"	26"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0
53-1/8"		70.0	80.0
19-1/8"	38-3/8"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0
53-1/8"		70.0	80.0
19-1/8"	50-5/8"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0
53-1/8"		66.4	75.9
19-1/8"	56"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0
53-1/8"		63.2	72.3
19-1/8"	63"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0
53-1/8"		63.2	72.3
19-1/8"	76"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0

DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPES 'A' & 'Ai'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
24"	48"	70.0	80.0
30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0
42"		70.0	80.0
48"		70.0	80.0
54"		70.0	80.0
24"	60"	70.0	80.0
30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0
42"		70.0	80.0
48"		70.0	80.0
54"		62.2	71.1
24"	72"	70.0	80.0
30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0
42"		70.0	80.0
48"		70.0	80.0
24"	76"	70.0	80.0
30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0
42"		70.0	80.0
48"		70.0	80.0
24"	84"	70.0	80.0
30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0
42"		70.0	80.0
24"	96"	70.0	80.0
30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0



GLAZING DETAIL
7/16" OVERALL LAM. GLASS



GLASS TYPE 'Ai'
13/16" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS

NOTE:
EXTERIOR PLY OF GLASS TYPE 'Ai' TO BE TEMPERED
TO QUALIFY FOR SMALL MISSILE IMPACT RATING.

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

FL #47199



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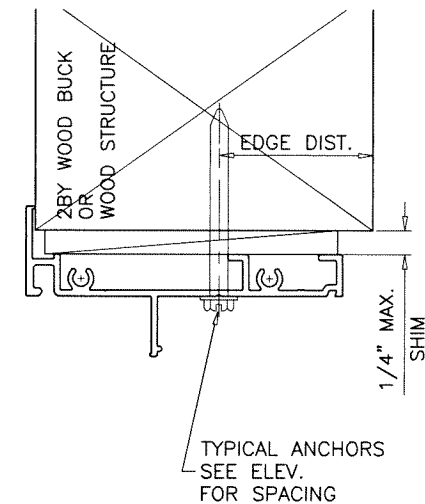
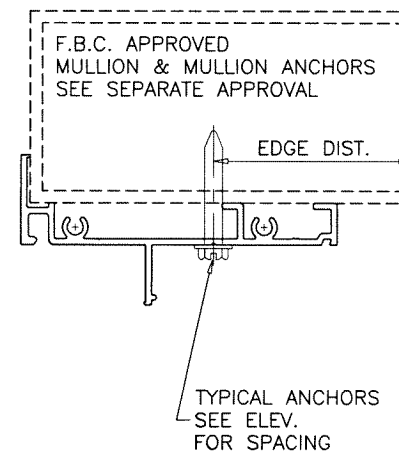
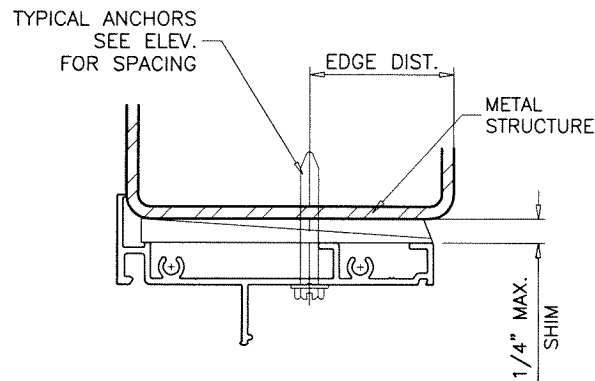
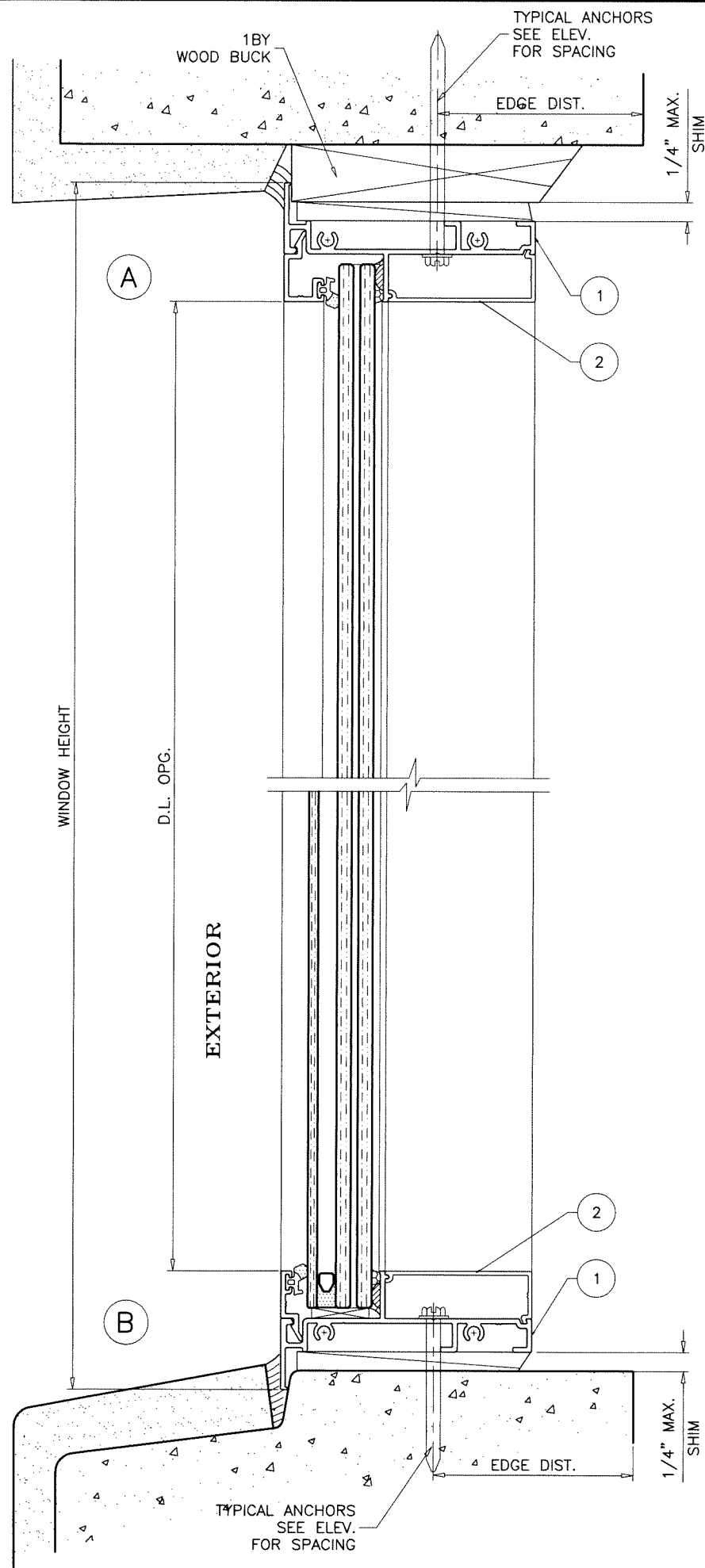
INTER-300 ALUMINUM FIXED WDW. (L.M.I.)

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revisions:
no date by description

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dr. by: TARIQ
chk. by:

drawing no.
24-87F
sheet 2 of 8



WOOD BUCKS AND METAL STRUCTURE NOT BY 'ALUCORP.' 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)

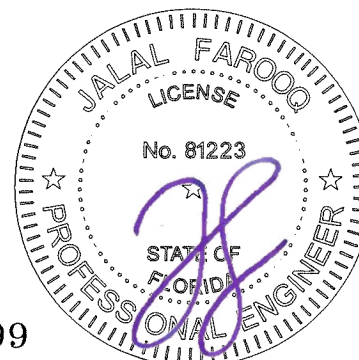
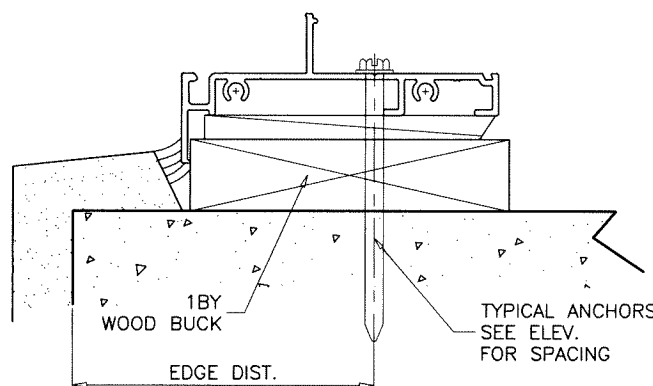
1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
 INTO F.B.C. APPROVED MULLIONS
 OR
 INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE 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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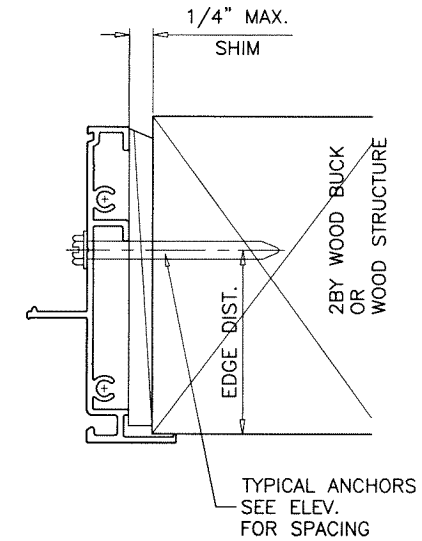
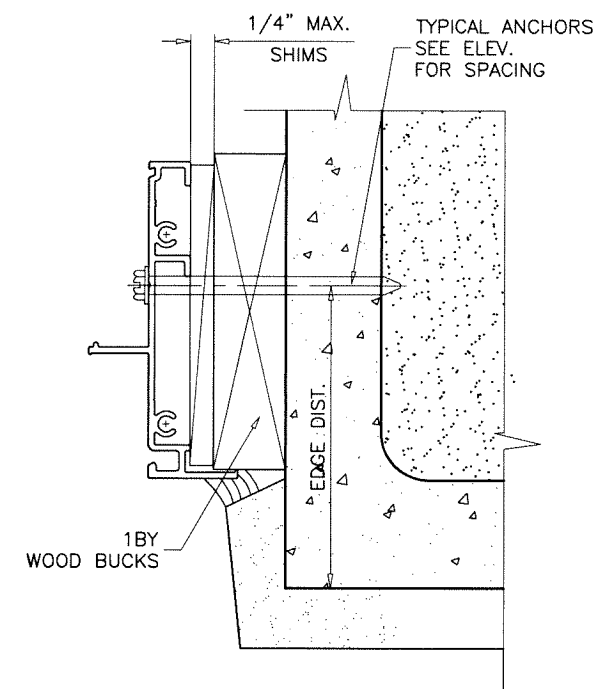
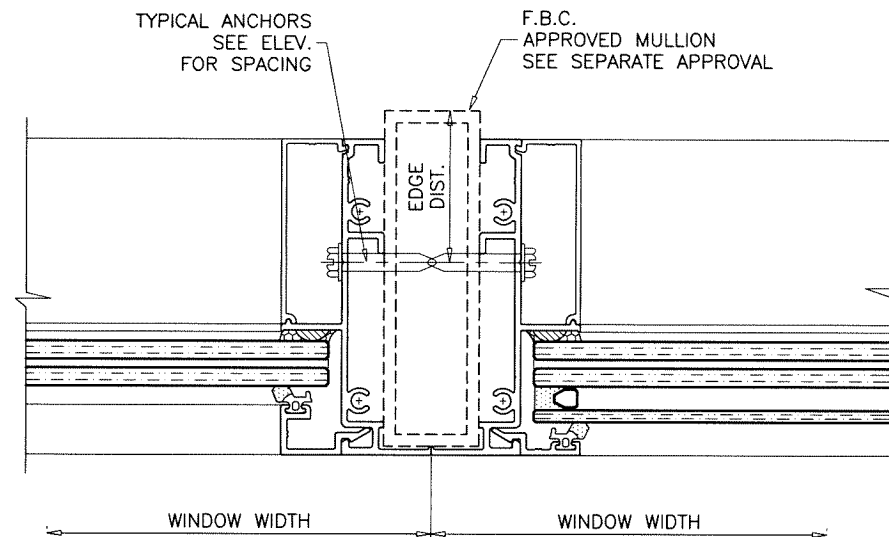
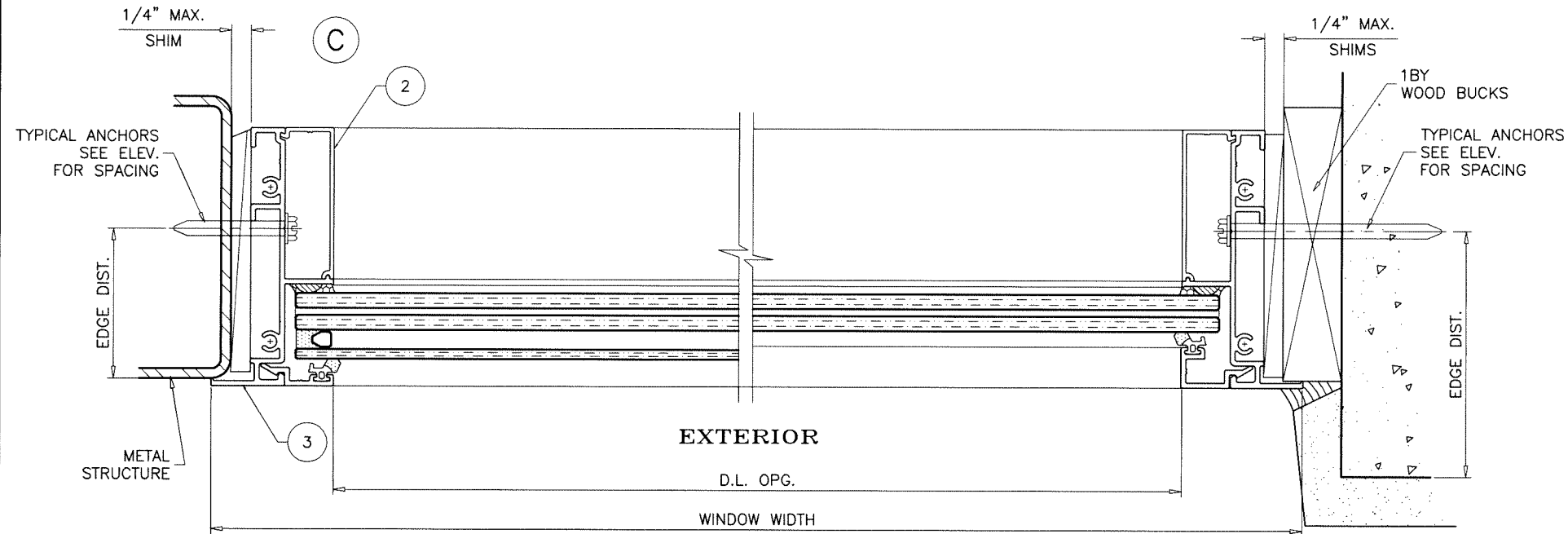
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sheet 3 of 8



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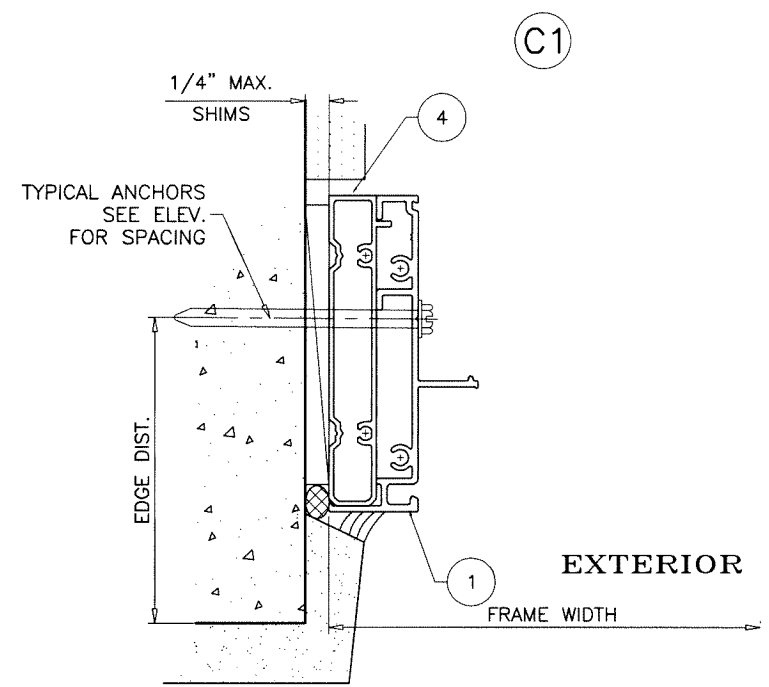
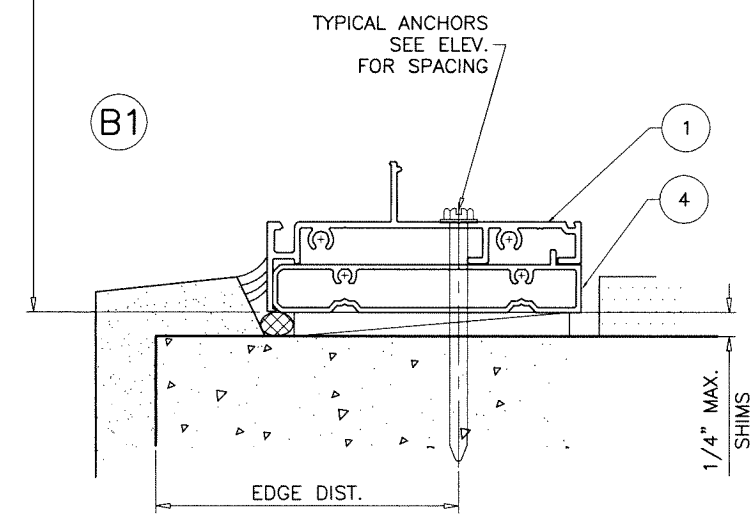
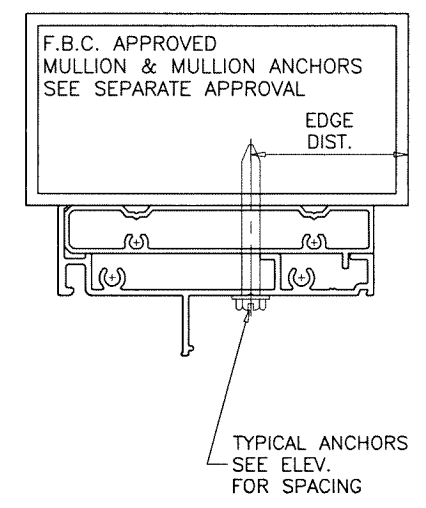
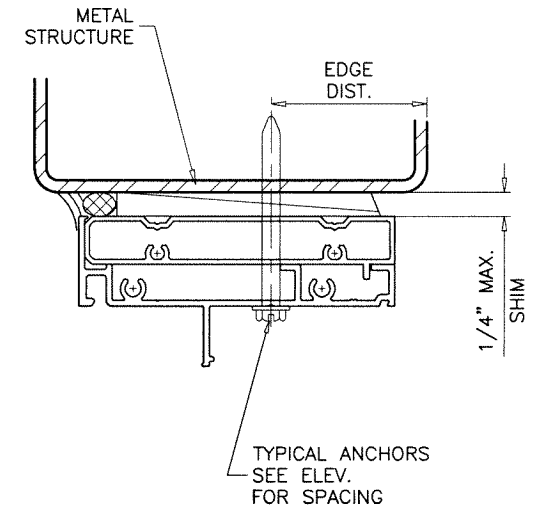
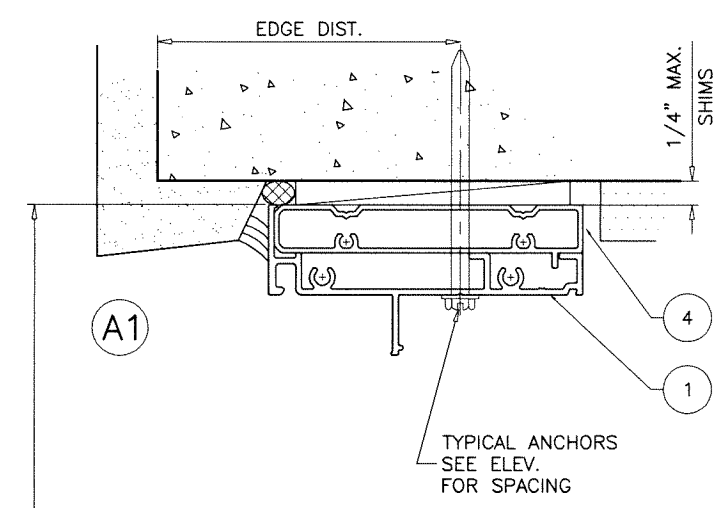
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chk. by:	

drawing no.
24-87F
 sheet 4 of 8

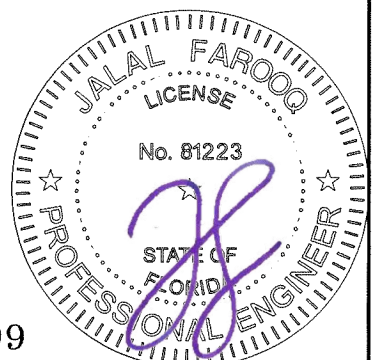
FRAME HEIGHT

EXTERIOR



FLANGE FRAMES WITH EQUAL LEG ADAPTERS
SEE SHEETS 3 & 4 FOR WINDOW DETAILS

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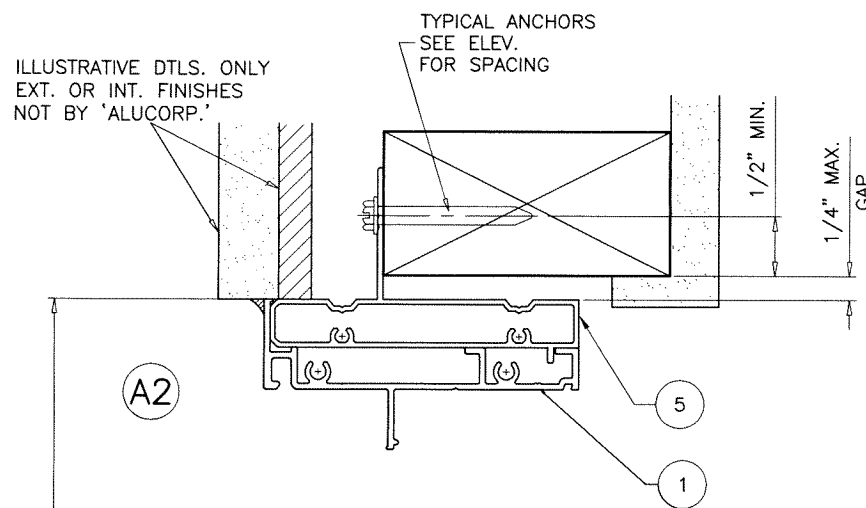
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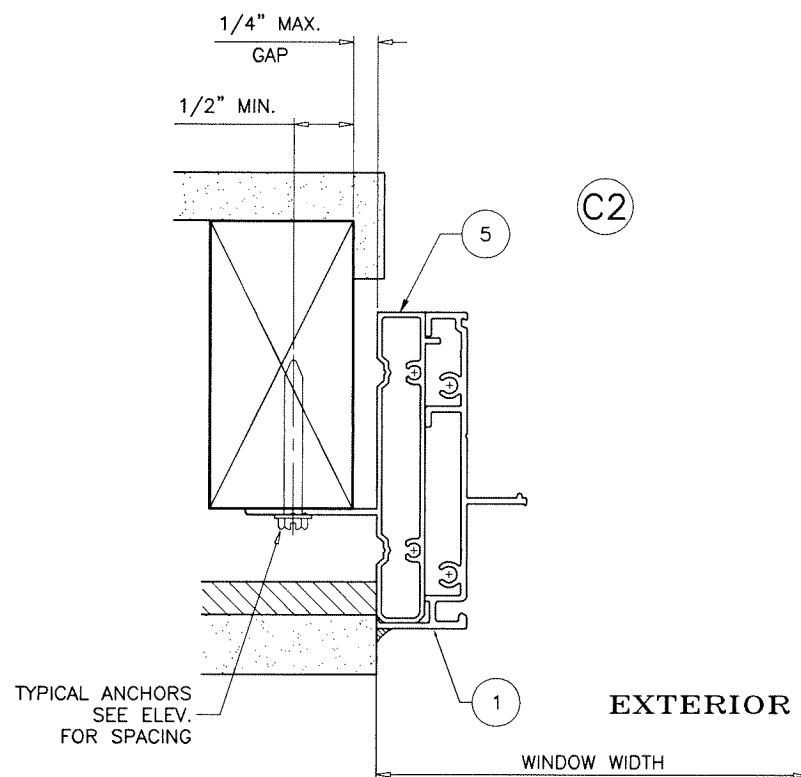
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sheet 5 of 8



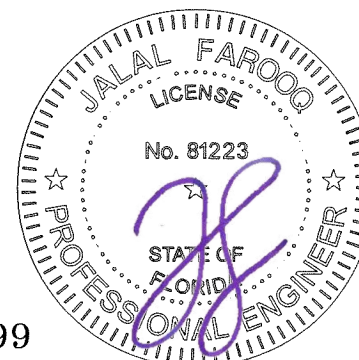
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

#12 WOOD SCREWS (GRADE 2 CRS)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD



INSTALLATION DETAILS WITH FIN FRAME ADAPTER
 SEE SHEETS 3 & 4 FOR WINDOW DETAILS

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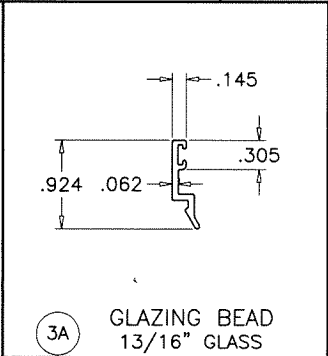
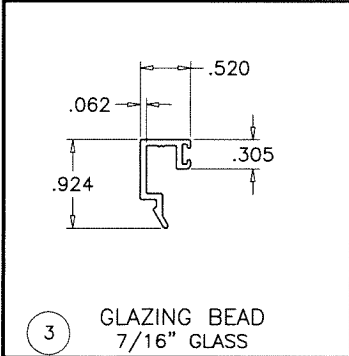
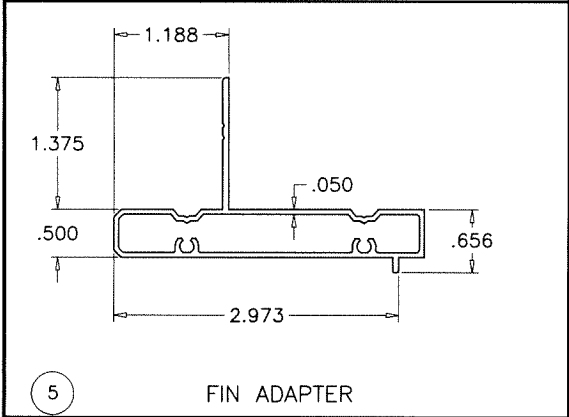
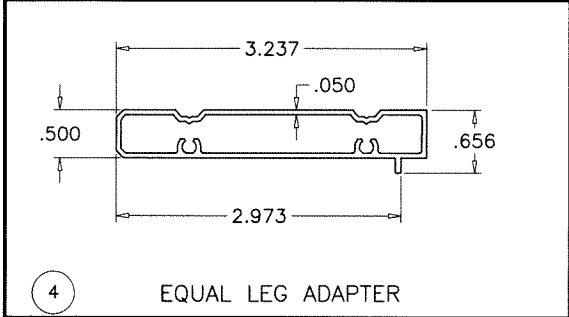
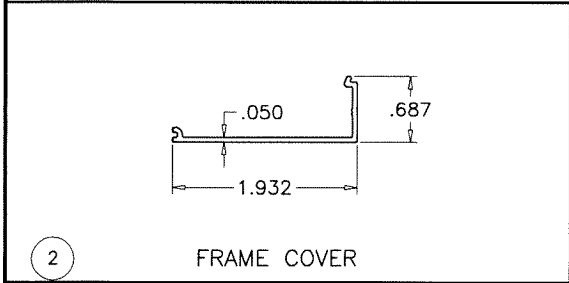
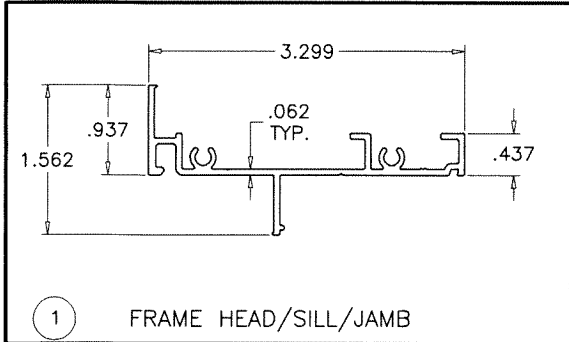
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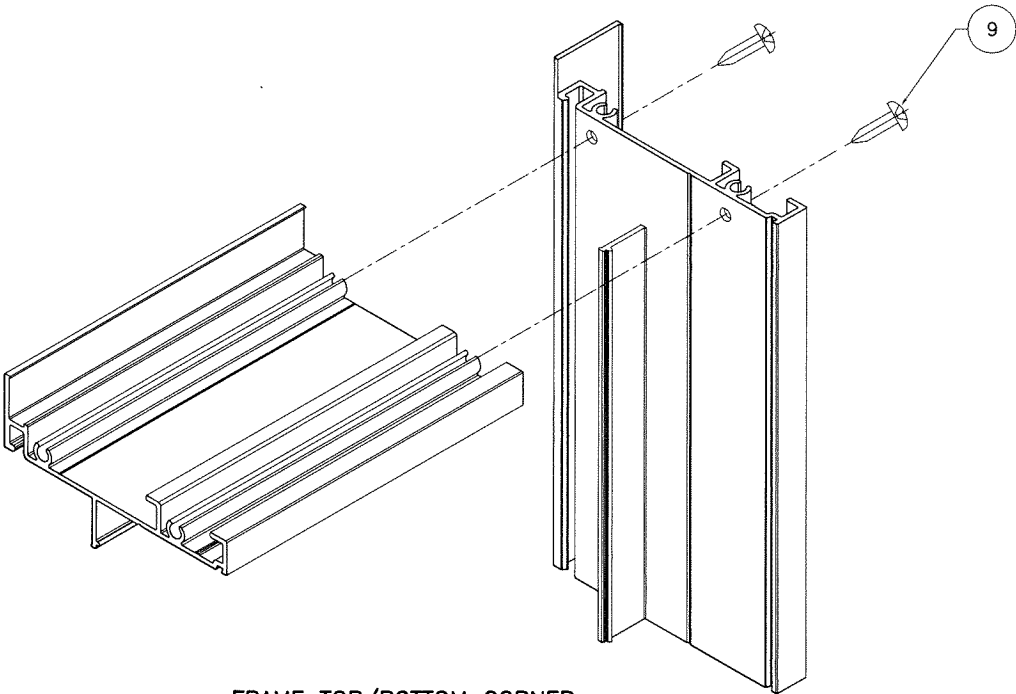
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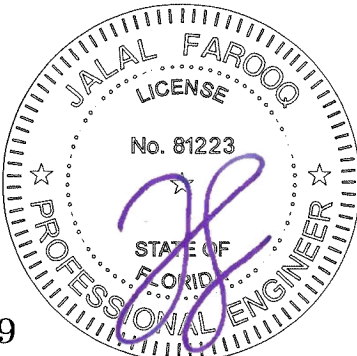
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	73028	AS REQD.	FRAME HEAD/SILL/JAMB	6063-T6	-
2	73039	AS REQD.	FRAME COVER	6063-T5	-
3	73123	AS REQD.	GLAZING BEAD (7/16" LAM. GLASS)	6063-T5	-
11A	73037	AS REQD.	GLAZING BEAD (13/16" INSUL. LAM. GLASS)	6063-T5	-
4	73186	AS REQD.	EQUAL LEG ADAPTER	6063-T6	-
5	73038	AS REQD.	FIN ADAPETR	6063-T6	-
6	-	AS REQD.	GLAZING GASKET	-	-
7	-	AS REQD.	BUMPER SPACER	SILICONE	-
8	-	AS REQD.	SETTING BLOCKS (1/8" X 3/4" X 4") AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
9	#10 X 1-1/2"	AS REQD.	FRAME ASSEMBLY SCREWS	CRS	PH SMS
10	-	-	-	-	-

SEALANT:
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH WHITE/ALUMINUM COLORED SILICONE.



FRAME TOP/BOTTOM CORNER

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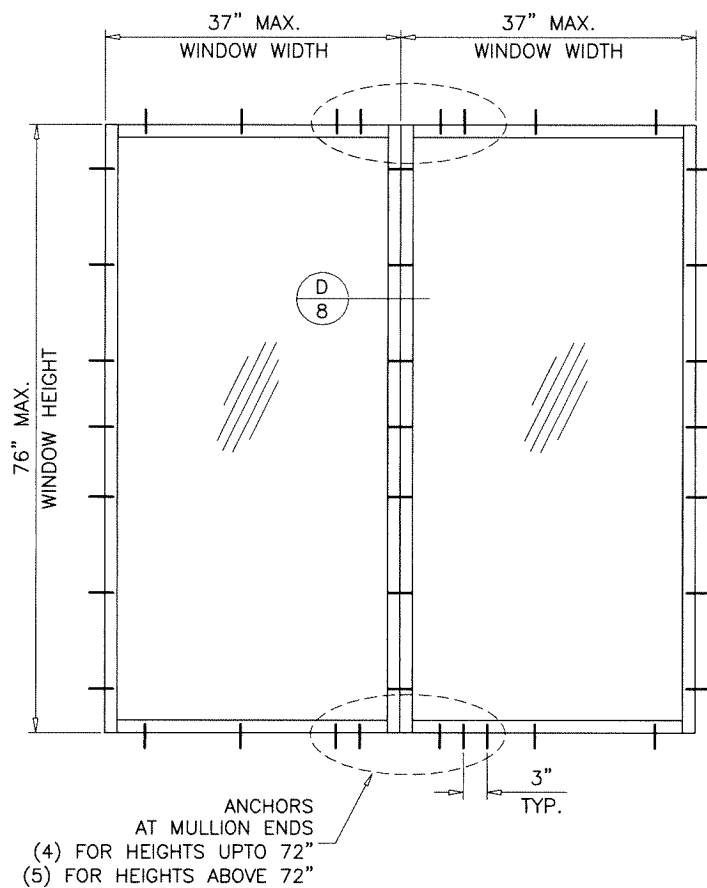
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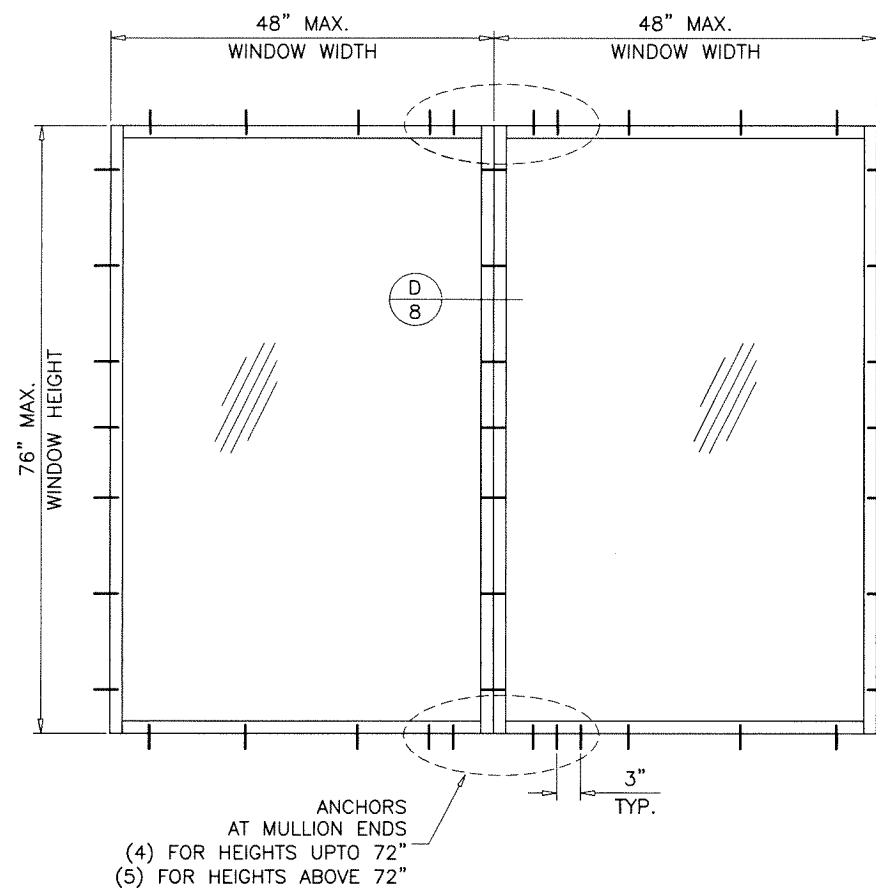
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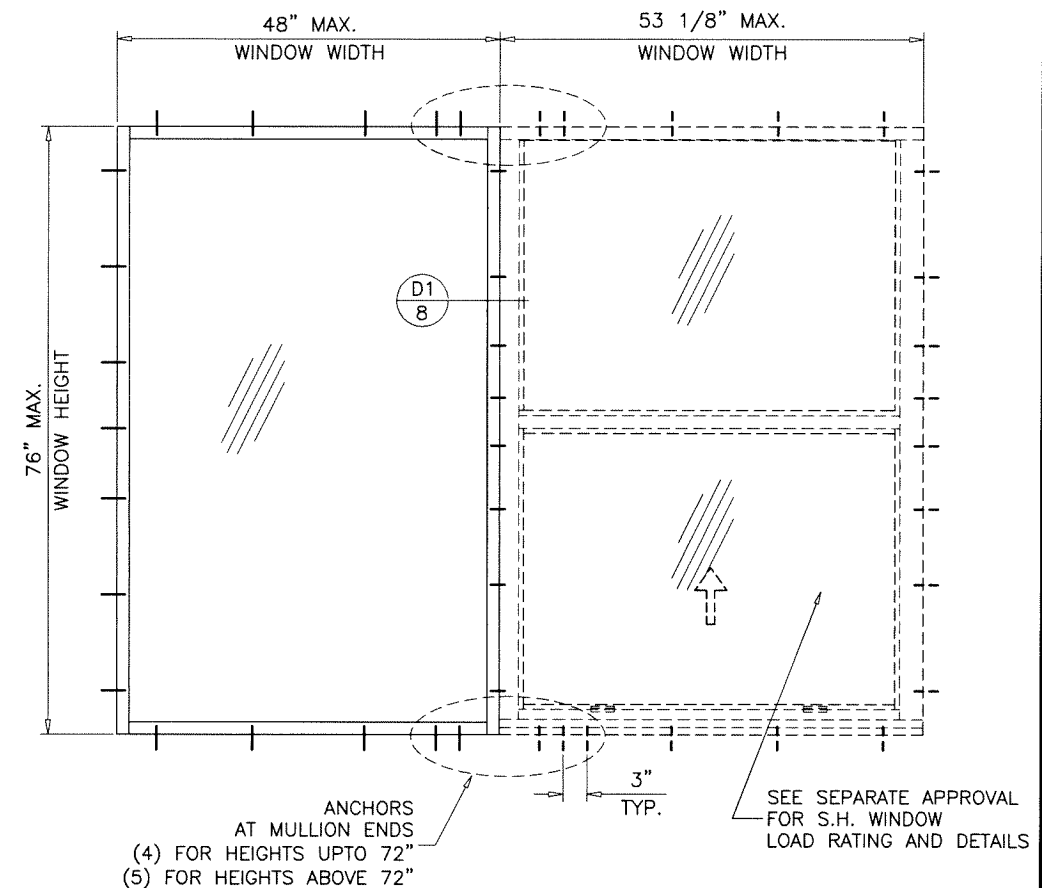
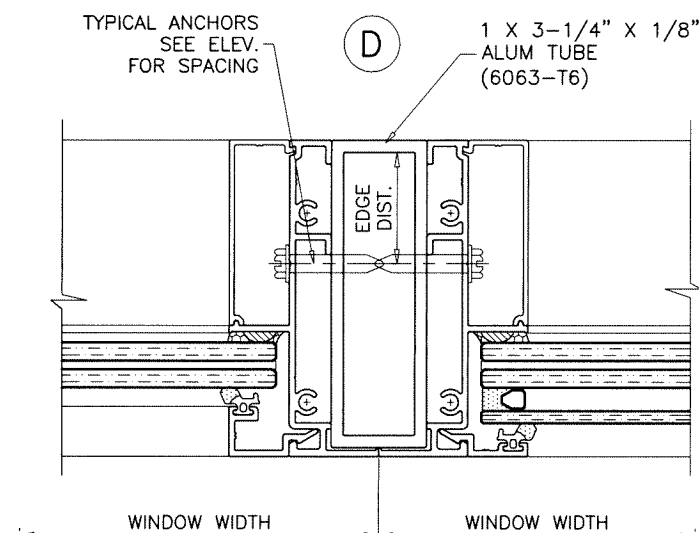
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sheet 7 of 8



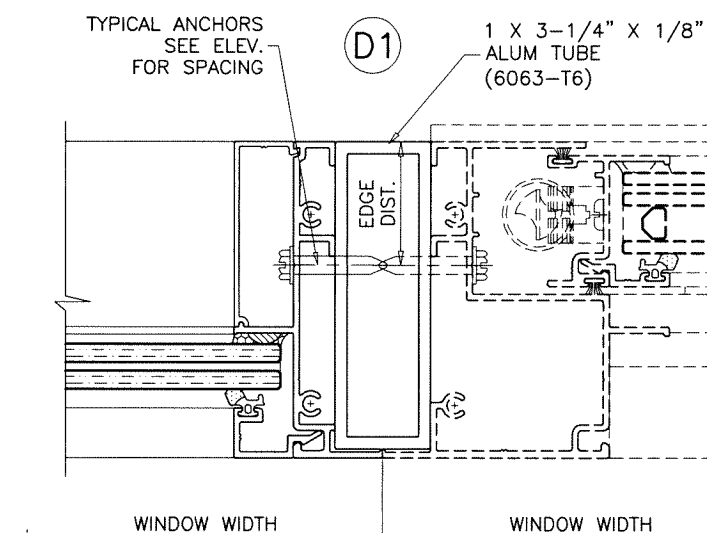
MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 80.0 PSF



MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 77.6 PSF



MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 80.0 PSF



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