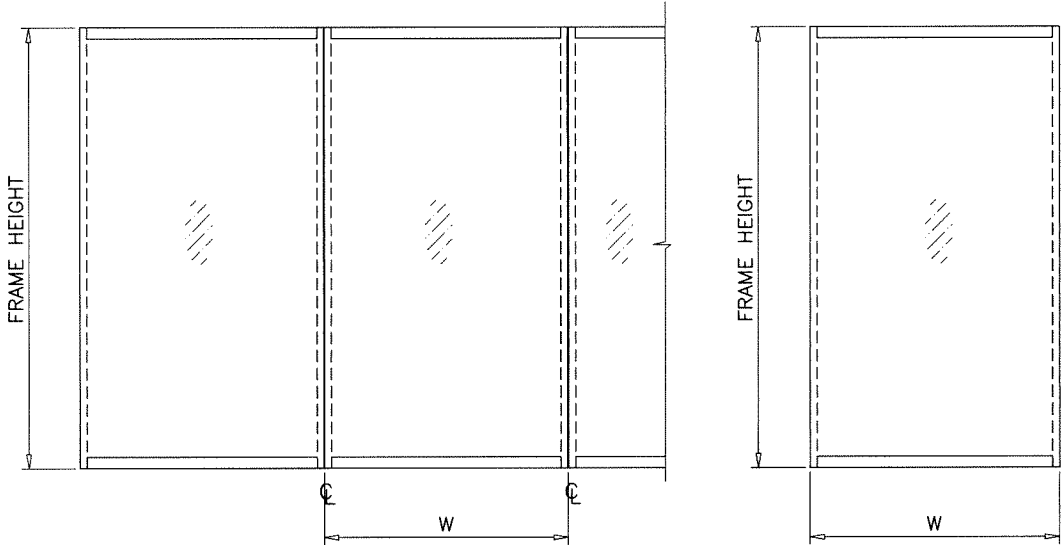
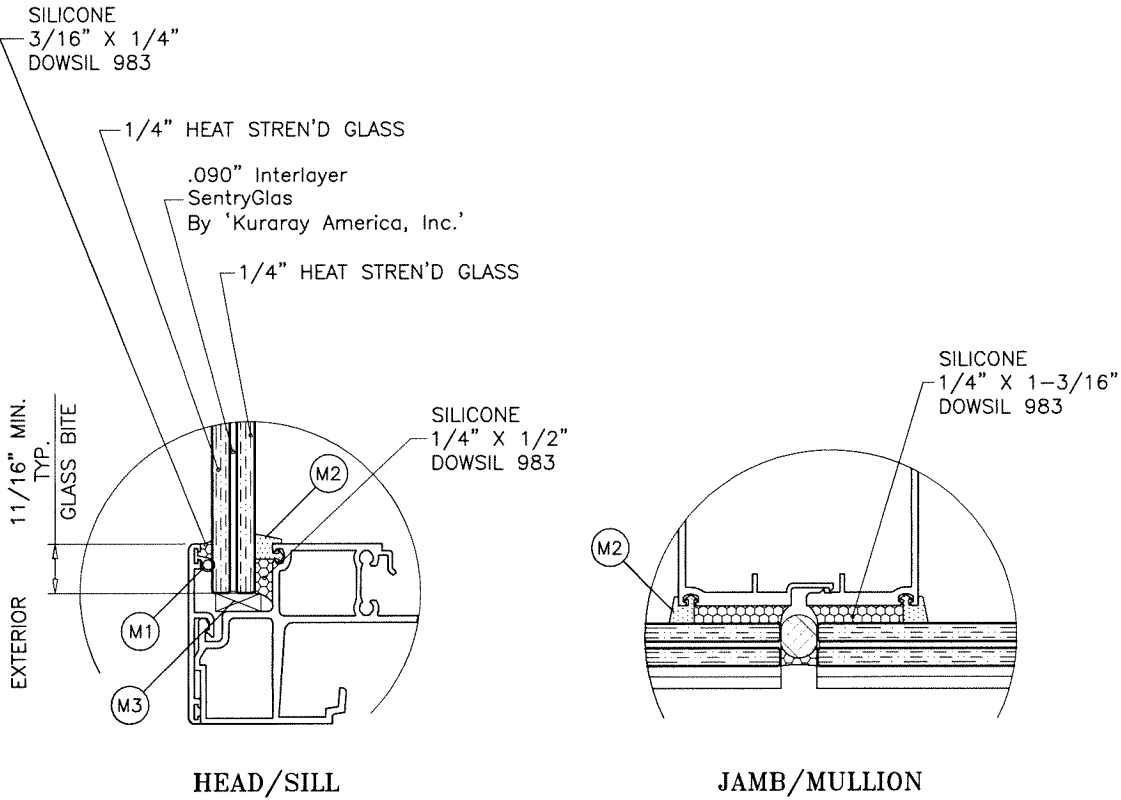


DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		9/16" LAM. GLASS	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)
30"	84"	80.0	110.0
36"		80.0	110.0
42"		80.0	110.0
48"		80.0	110.0
49-3/8"		80.0	110.0
30"	96"	80.0	110.0
36"		80.0	110.0
42"		80.0	110.0
48"		80.0	110.0
49-3/8"		80.0	110.0
30"	109"	80.0	110.0
36"		80.0	110.0
42"		80.0	110.0
48"		80.0	110.0
49-3/8"		80.0	110.0

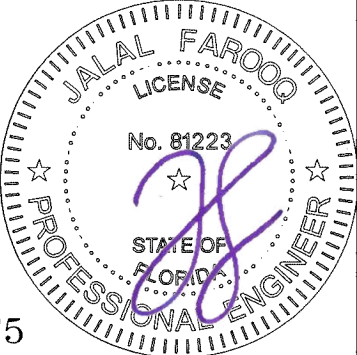
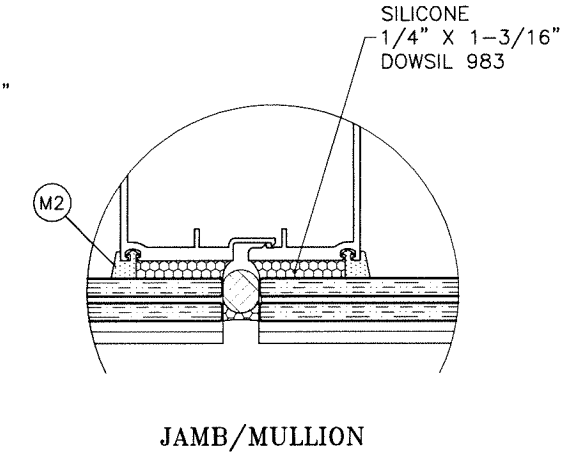
INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ALLOWED.



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



GLAZING DETAILS



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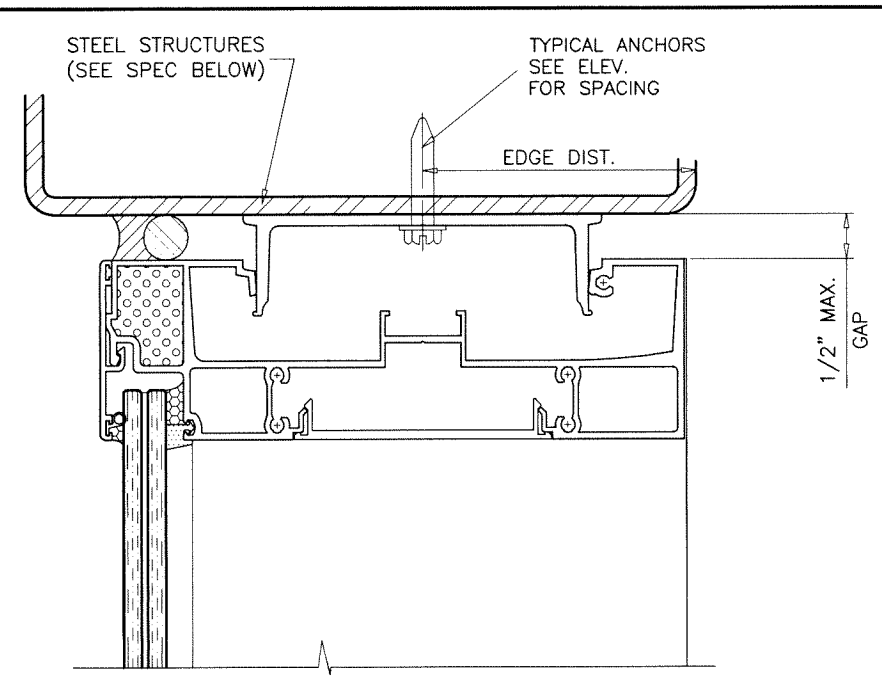
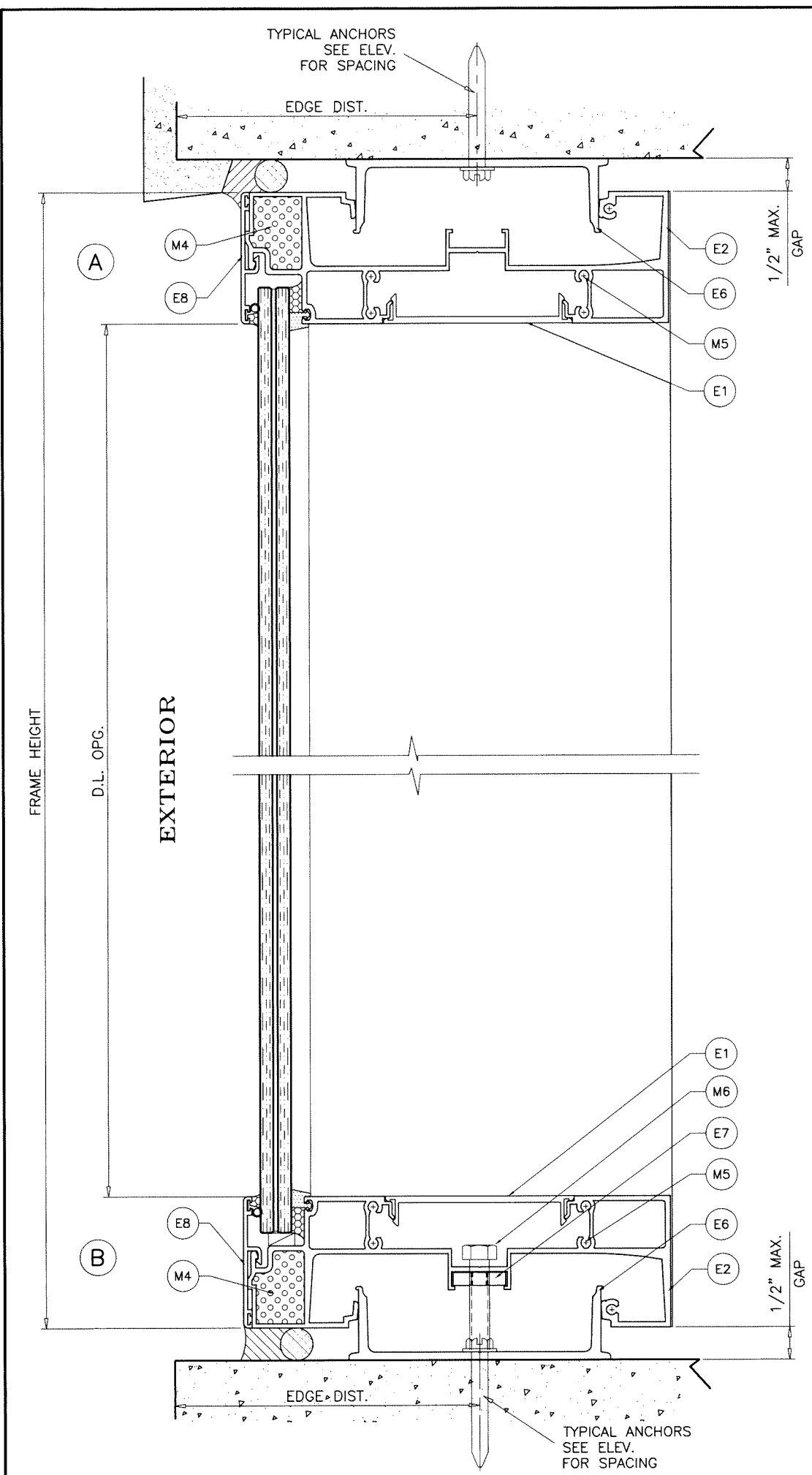
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978

ES-WW8832 ALUM WINDOW WALL SYSTEM (L.M.I.)

E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:		by description	
no	date		
date: 02-06-17	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no.		sheet 2 of 6	
W17-86			

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METAL STRUCTURES NOT BY 'E.S. WDW.'
MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND
TRANSFER THEM TO THE BUILDING STRUCTURE.

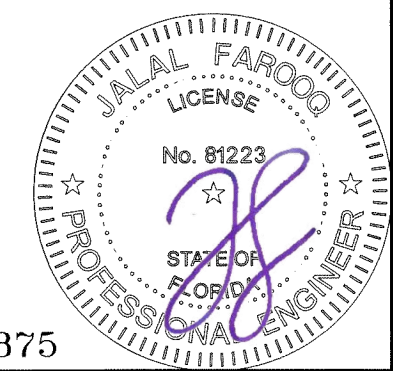
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A' (HEAD/SILL)
1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE (3000 PSI MIN.)
WITH 1-3/4" MIN. EMBED INTO CONCRETE, 3-3/4" O.C. MIN.
ANCHOR EDGE DISTANCES
INTO CONCRETE = 2-1/2" MIN.

TYPE 'B' (HEAD/SILL)
1/4" DIA. DRIL-FLEX SELF DRILLING SCREWS (Fu=120 KSI, Fy=95 KSI)
INTO METAL STRUCTURES, 3-3/4" O.C. MIN.
(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
ANCHOR EDGE DISTANCES
INTO METAL STRUCTURE = 1" MIN.

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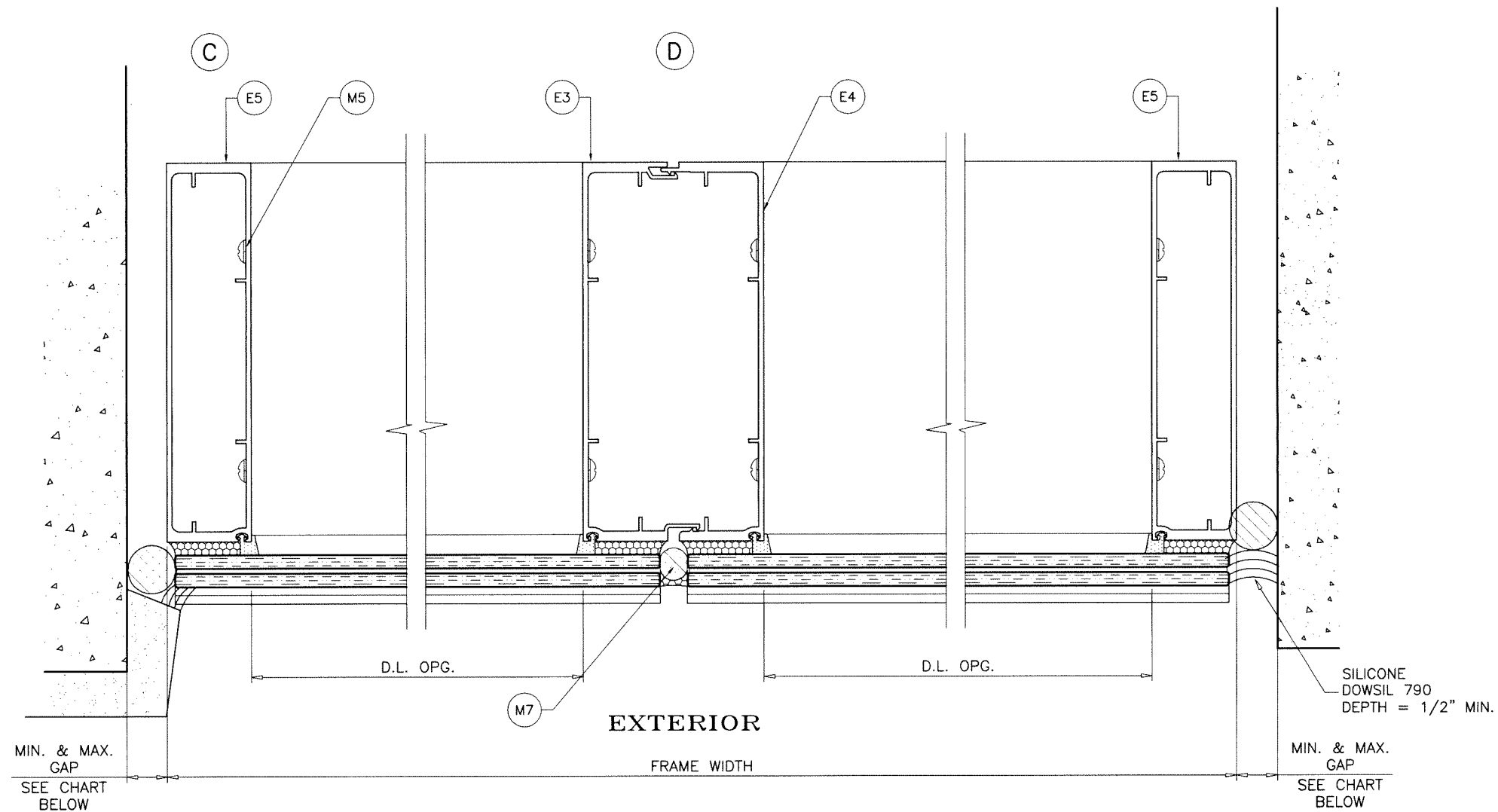
ES-WW832 ALUM WINDOW WALL SYSTEM (L.M.I.)

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drawing no.
W17-86
sheet 3 of 6

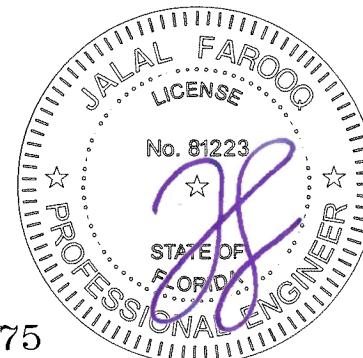


MAX. FRAME HEIGHT	GAP	
	MIN.	MAX.
60"	1/2"	3/4"
84"	1/2"	3/4"
109"	1/2"	3/4"

NOTE:
 MAX. MOVEMENT CONSIDERED=100% STRETCH.
 PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
 REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.
 ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.
 GAPS LESS THAN 1/4" MAY BE DESIGNED BY ENGINEER OF RECORD BY THE USE OF BOND BREAKER TAPE OR 15% OF GAP ALLOWED MOVEMENT.

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ES-WW8832 ALUM WINDOW WALL SYSTEM (L.M.I.)

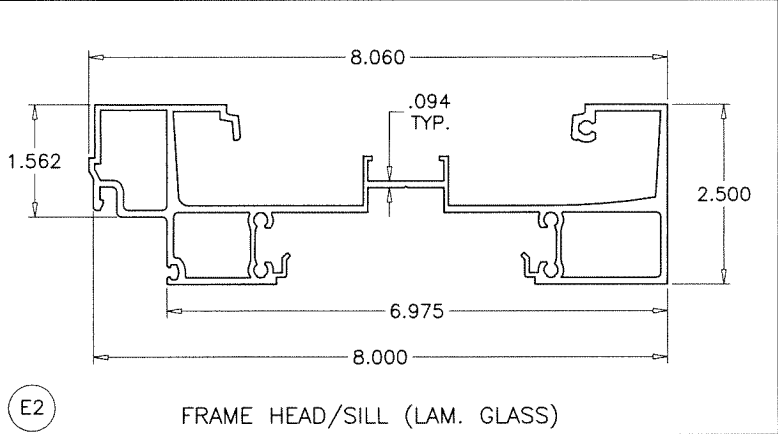
E.S. WINDOWS, LLC
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 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

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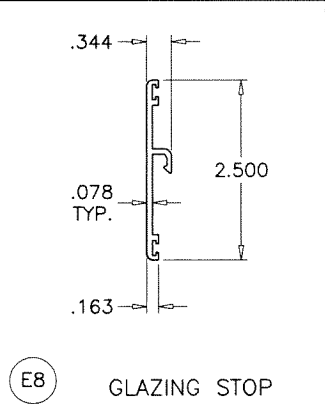
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W17-86
 sheet 4 of 6

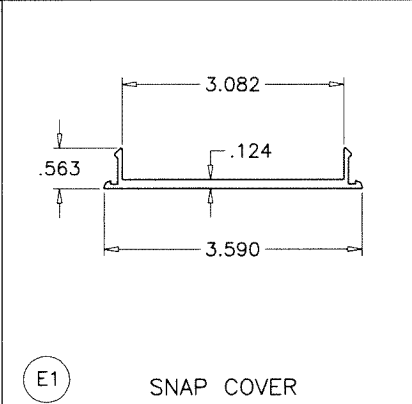
ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	ES-WW8832-052	AS REQD.	SCREW COVER	6005-T5	-
E2	ES-WW8832-053	AS REQD.	FRAME HEAD/SILL	6005-T5	-
E3	ES-WW8832-102	AS REQD.	FEMALE MULLION	6063-T6	-
E4	ES-WW8832-103	AS REQD.	MALE MULLION	6063-T6	-
E5	ES-WW8832-104	AS REQD.	FRAME JAMB	6063-T6	-
E6	ES-WW8832-201	AS REQD.	ANCHOR CHANNEL	6005-T5	-
E7	ALU-P-020	AS REQD.	1" X 1" SILL LEVELER	ALUMINUM	-
E8	ES-7006	AS REQD.	GLAZING STOP	6063-T5	-
M1	ES7000-G01	AS REQD.	EXTERIOR GLASS SEAL	SILICONE	TREMCO, DUROMETER 60±5 SHORE A
M2	ES-U3525-G08	AS REQD.	SPACER GASKET	SILICONE	TREMCO, DUROMETER 70±5 SHORE A
M3	80-378	2/ LITE	SETTING BLOCKS AT 1/4 POINTS	EPDM	TREMCO, DUROMETER 85±5 SHORE A
M4	ES-6025-809	AS REQD.	END PLUG, 3/4" LONG	FOAM	-
M5	#12 X 1"	AS REQD.	FRAME ASSEMBLY FASTENERS	ST/ST	PH SMS
M6	3/8-16 X 2"	AS REQD.	LEVELING SCREW	ST/ST	HWH
M7	5/8" DIA.	AS REQD.	BACKER ROD	POLYETHYLENE FOAM	-



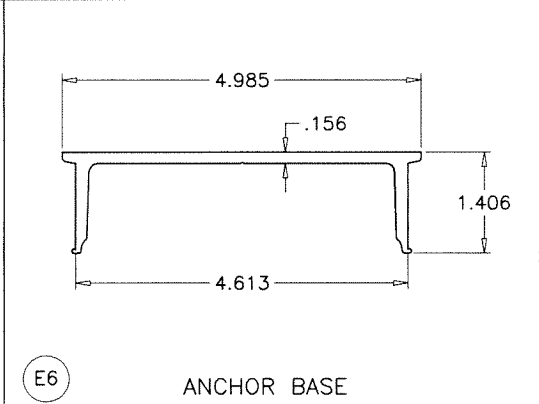
E2 FRAME HEAD/SILL (LAM. GLASS)



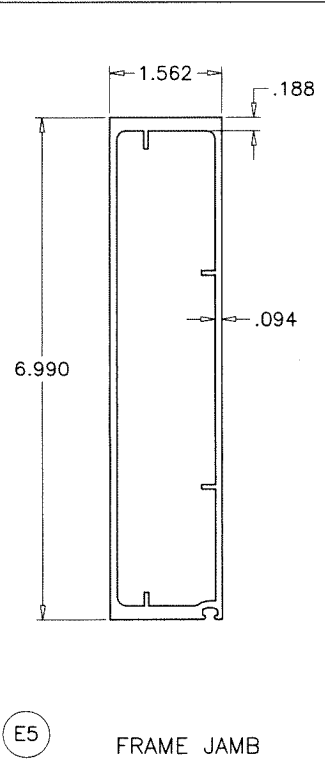
E8 GLAZING STOP



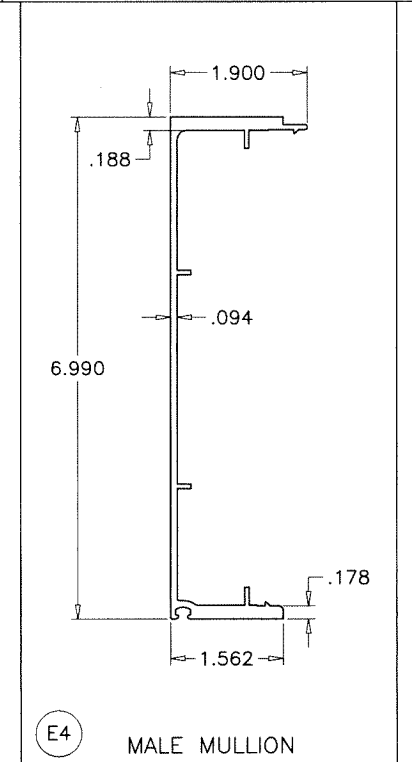
E1 SNAP COVER



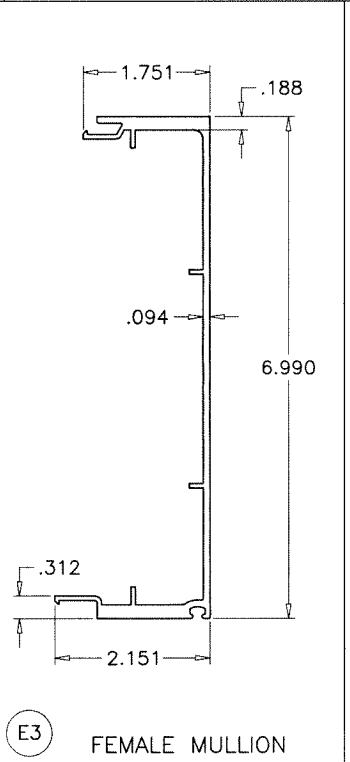
E6 ANCHOR BASE



E5 FRAME JAMB



E4 MALE MULLION



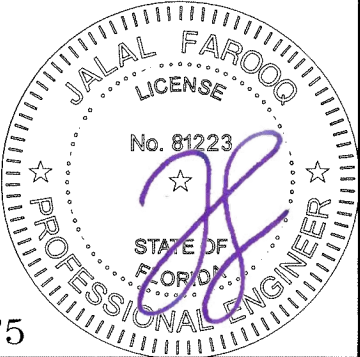
E3 FEMALE MULLION

SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER OF GLAZING BEAD TO FRAME SEALED WITH SILICONE SEALANT.

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FL #21875



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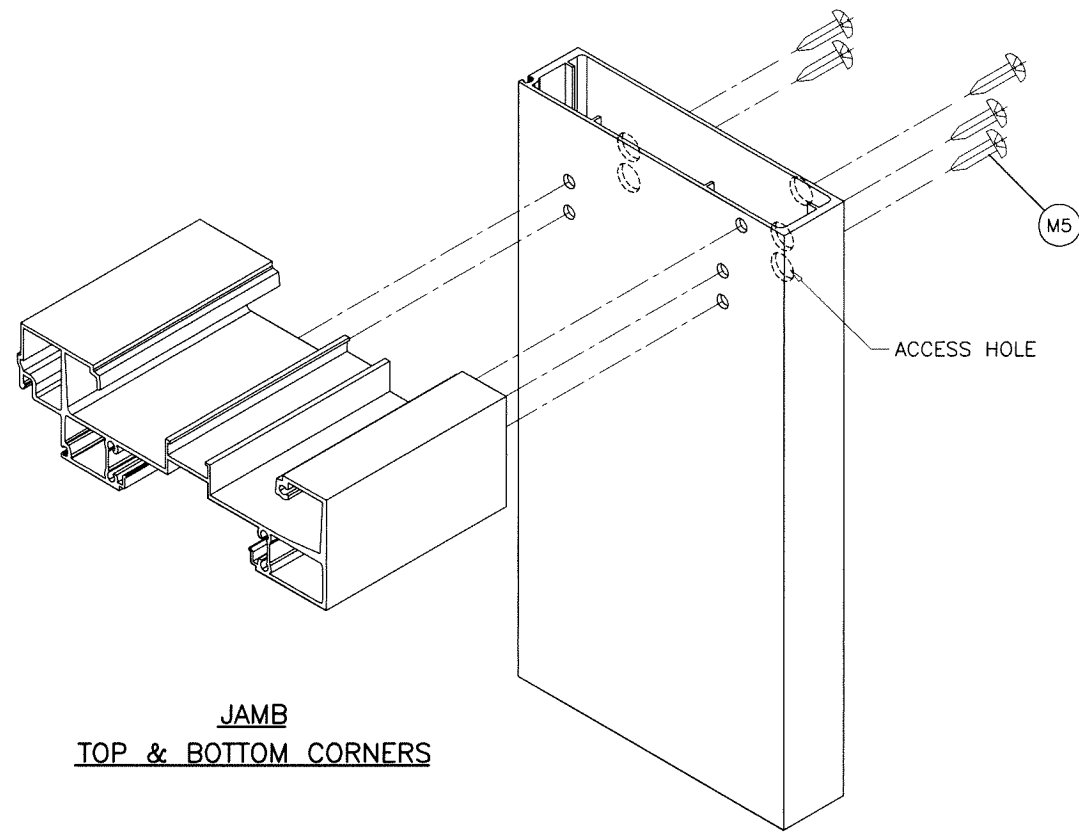
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no. date by description

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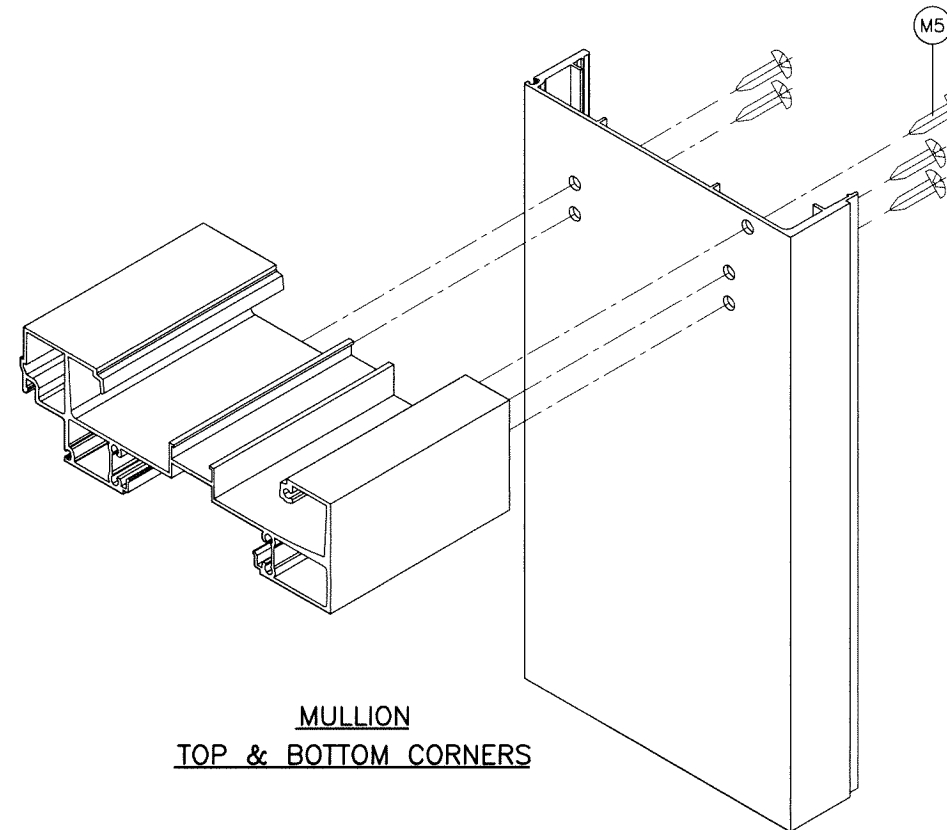
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sheet 5 of 6

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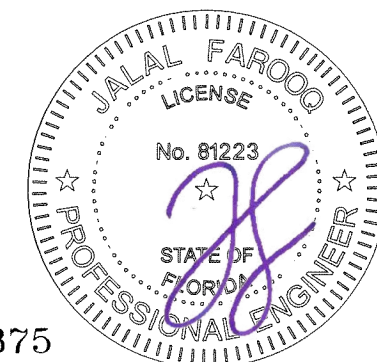
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JAMB
TOP & BOTTOM CORNERS



MULLION
TOP & BOTTOM CORNERS



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af c
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W17-86
sheet 6 of 6