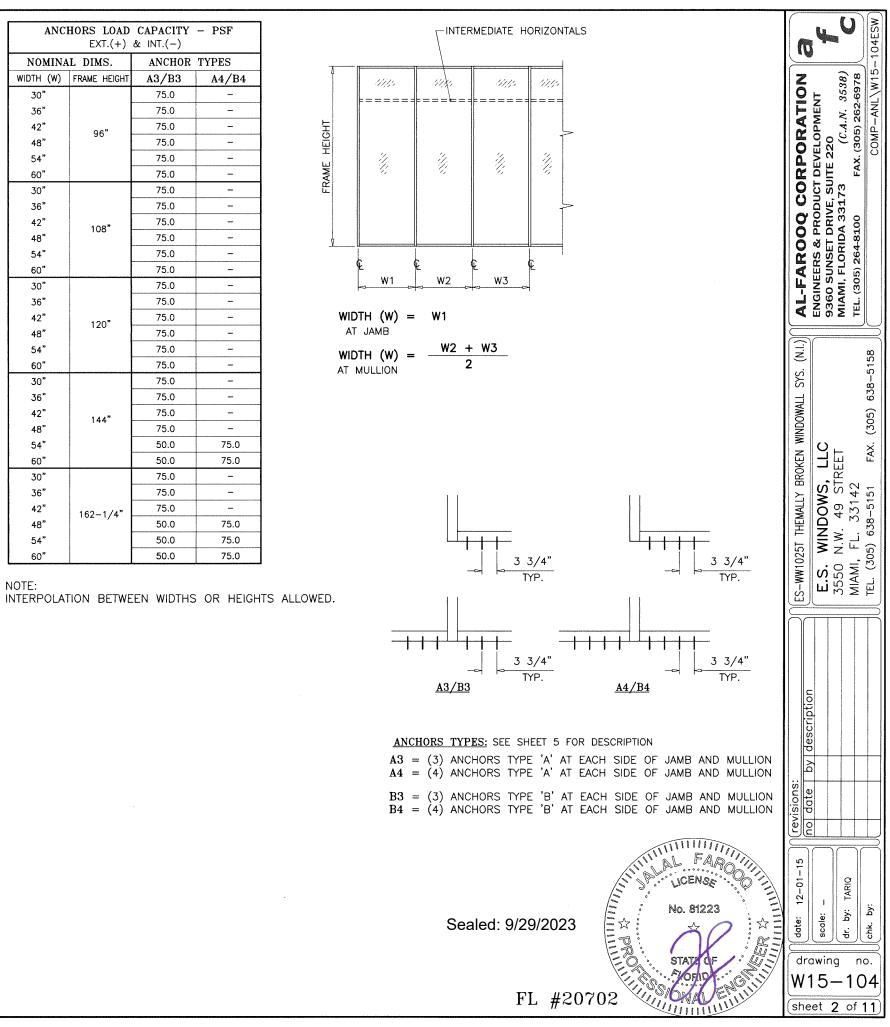
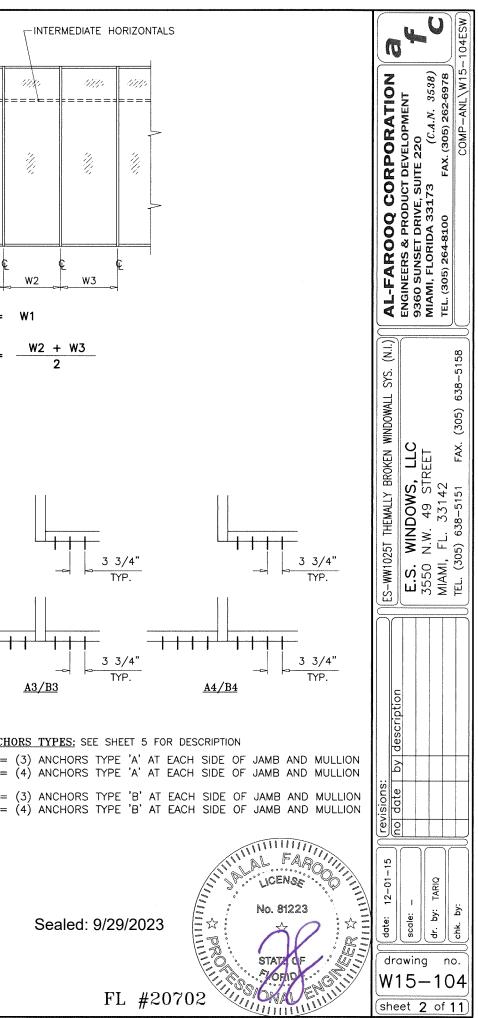


ANC		CAPACITY & INT.(-)	– PSF
NOMINA	L DIMS.	ANCHOR	TYPES
WIDTH (W)	FRAME HEIGHT	A3/B3	A4/B4
30"		75.0	-
36"		75.0	-
42"	96"	75.0	-
48"	90	75.0	-
54"		75.0	-
60"		75.0	-
30"		75.0	-
36"		75.0	-
42"	108"	75.0	-
48"	108	75.0	-
54"		75.0	_
60"		75.0	_
30"		75.0	-
36"		75.0	-
42"	120"	75.0	-
48"	120	75.0	_
54"		75.0	-
60"		75.0	
30"		75.0	-
36"		75.0	-
42"	144"	75.0	-
48"	144	75.0	-
54"		50.0	75.0
60"		50.0	75.0
30"		75.0	-
36"		75.0	-
42"	162-1/4"	75.0	-
48"	102 -1/ 4	50.0	75.0
54"		50.0	75.0
60"		50.0	75.0

NOTE:





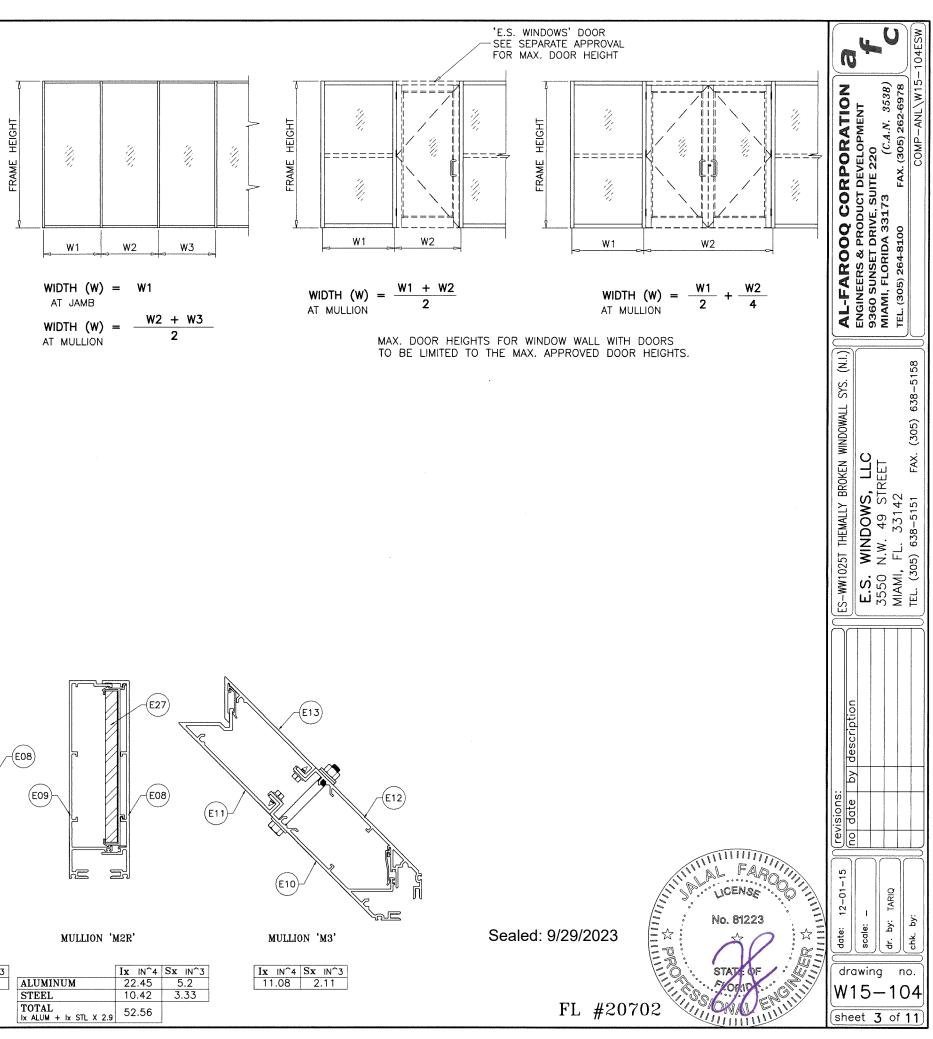


Ē	INC	H	JRS	TYPES:	SE	E SF
A	3		(3)	ANCHOI ANCHOI	RS	TYP
A	4	_	(4)	ANCHO	RS	TYP
B B	3 4		(3) (4)	ANCHOI ANCHOI	7S 7S	TYP TYP

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

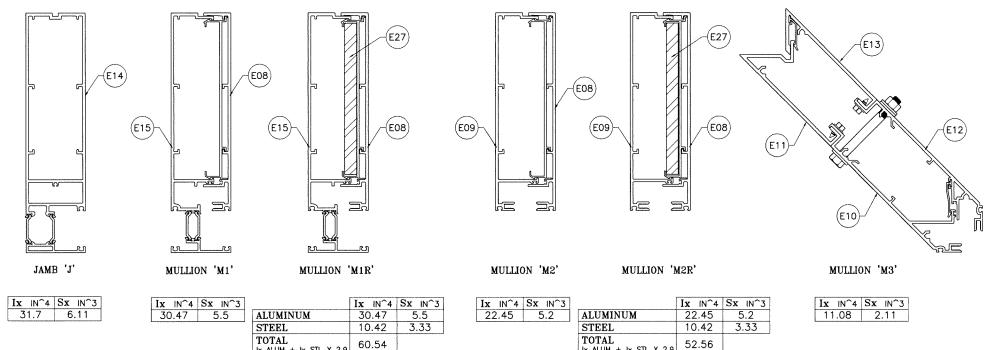
	MULLION DESIGN LOAD CAPACITY – PSF WITHOUT INTERMEDIATE HORIZONTALS										
NOMINAL DIMS.		JAMB'J' MULL'M1'		JAMB'J' MULL'M1R'		JAMB'J' MULL'M2'		JAMB'J' MULL'M2R'		JAMI MULL	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.()	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-
30"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
36"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
42"	72"	50.0	50.0	75.0	75.0	71.3	71.3	71.3	71.3	50.0	50.0
48"	/2	50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
54"		50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
60"		50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
30"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
36"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
42"	84"	50.0	50.0	75.0	75.0	71.3	71.3	71.3	71.3	50.0	50.0
48"	04	50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
54"		50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
60"		50.0	50.0	75.0	75.0	-	-	_	-	50.0	50.0
30"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
36"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
42"	96"	50.0	50.0	75.0	75.0	71.3	71.3	71.3	71.3	50.0	50.0
48"	30	50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
54"		50.0	50.0	75.0	75.0	-	-		-	50.0	50.0
60"		50.0	50.0	75.0	75.0		-	-	-	50.0	50.0

IX ALUM + IX STL X 2.9

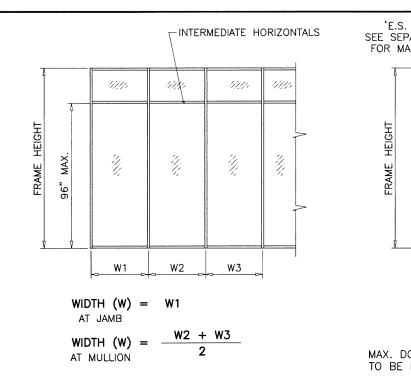


NOTE:

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

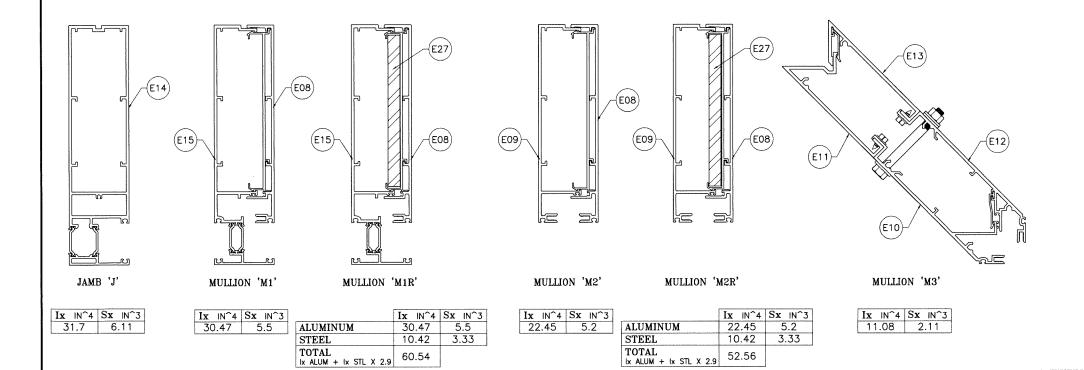


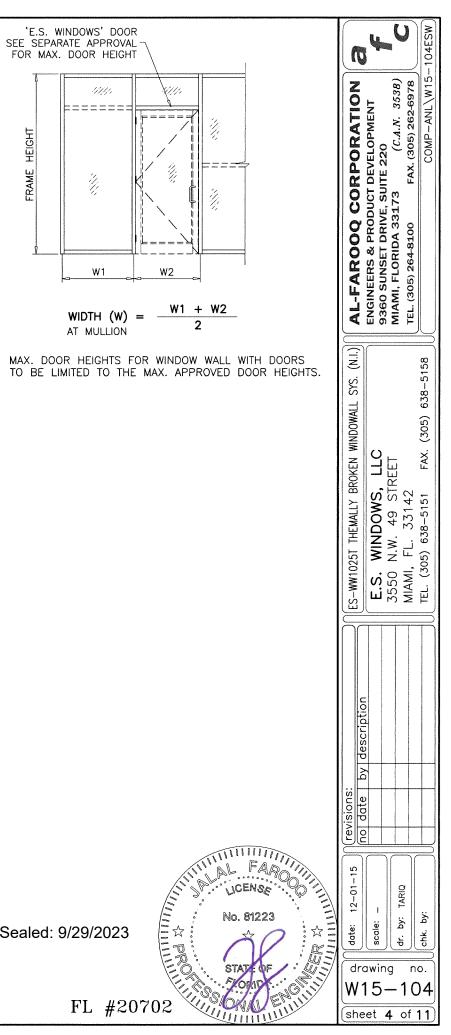
	MULLION DESIGN LOAD CAPACITY - PSF WITH INTERMEDIATE HORIZONTALS										
NOMIN	NOMINAL DIMS.		JAMB'J' MULL'M1'		JAMB'J' MULL'M1R'		JAMB'J' MULL'M2'		JAMB'J' MULL'M2R'		з'J' 'M3'
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
36"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
42"	96"	50.0	50.0	75.0	75.0	71.3	71.3	71.3	71.3	50.0	50.0
48"	90	50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
54"		50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
60"		50.0	50.0	75.0	75.0		-	-		50.0	50.0
30"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
36"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
42"	108"	50.0	50.0	75.0	75.0	71.3	71.3	71.3	71.3	50.0	50.0
48"	100	50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
54"		50.0	50.0	75.0	75.0	-	-	-	. –	50.0	50.0
60"		50.0	50.0	75.0	75.0	-		-	-	50.0	50.0
30"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
36"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
42"	120"	50.0	50.0	75.0	75.0	71.3	71.3	71.3	71.3	50.0	50.0
48"	120	50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
54"		50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
60"		50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
30"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
36"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
42"	144"	50.0	50.0	75.0	75.0	71.3	71.3	71.3	71.3	50.0	50.0
48"	144	50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
54"		50.0	50.0	75.0	75.0	-	-	-	-	50.0	50.0
60"		50.0	50.0	75.0	75.0	-	-		_	50.0	50.0
30"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
36"		50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	50.0	50.0
42"	162-1/4"	50.0	50.0	75.0	75.0	67.2	67.2	71.3	71.3	50.0	50.0
48"	102 1/7	50.0	50.0	75.0	75.0	-	-	_	-	50.0	50.0
54"		50.0	50.0	75.0	75.0	-	-	-	-	49.6	49.6
60"		45.4	45.4	75.0	75.0	-	-	-	-	-	-

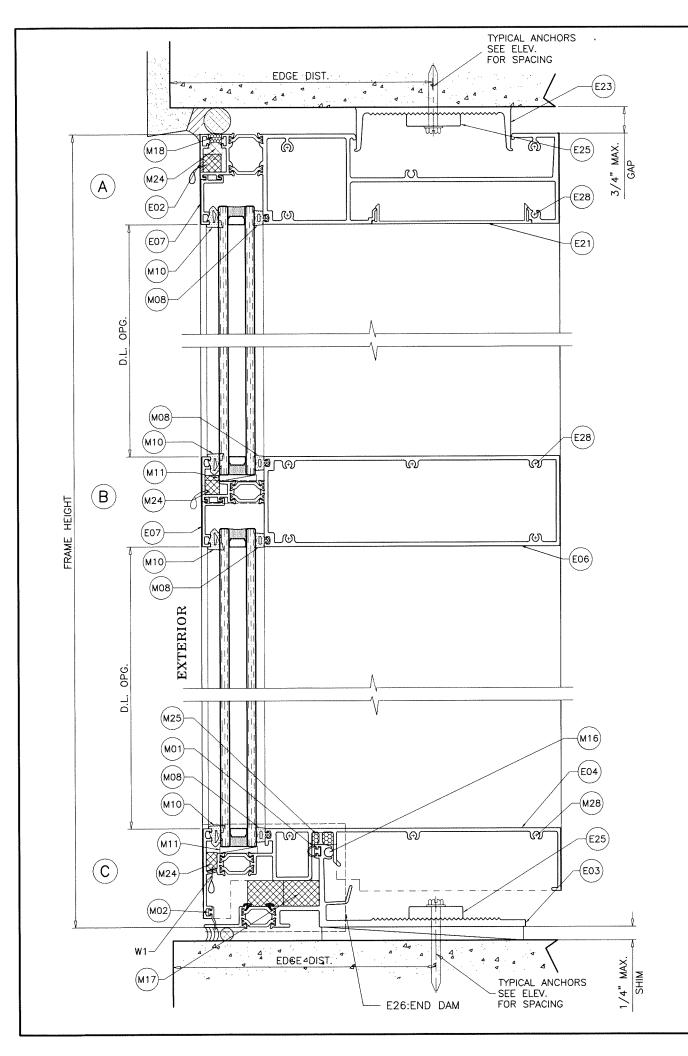


NOTE:

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.







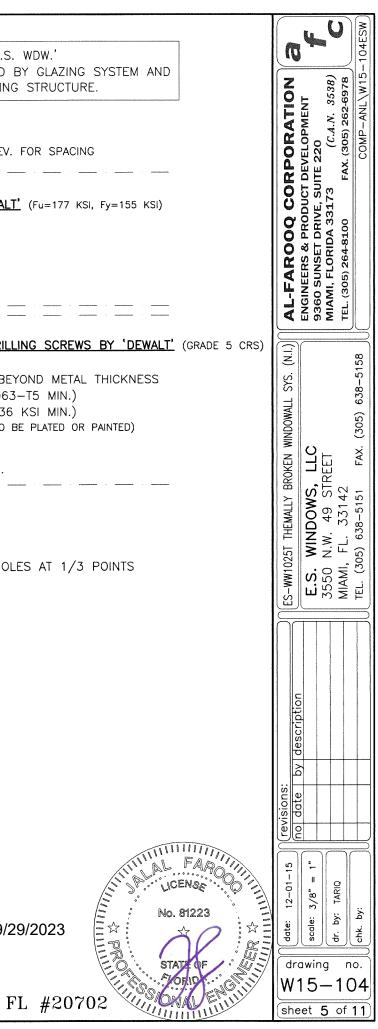
METAL	STF	RUCTUR	RES	NO	Т	ΒY	'E.S	5.
MUST	SUP	PORT	LOA	DS	IN	/PO	SED	l
TRANS	FER	THEM	TO	ΤH	E	BUI	LDIN	10

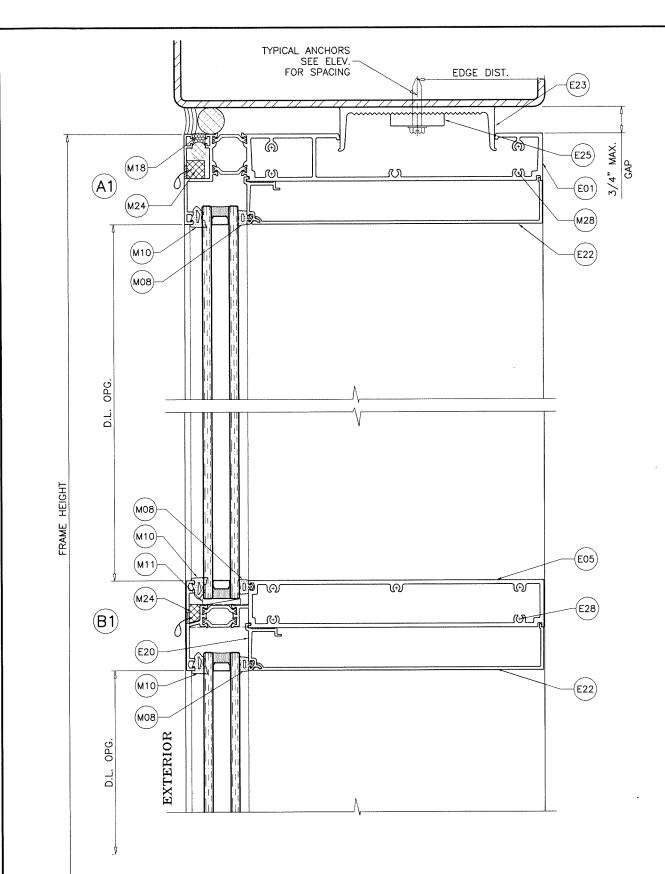
## TYPICAL ANCHORS: SEE ELEV. FOR SPACING

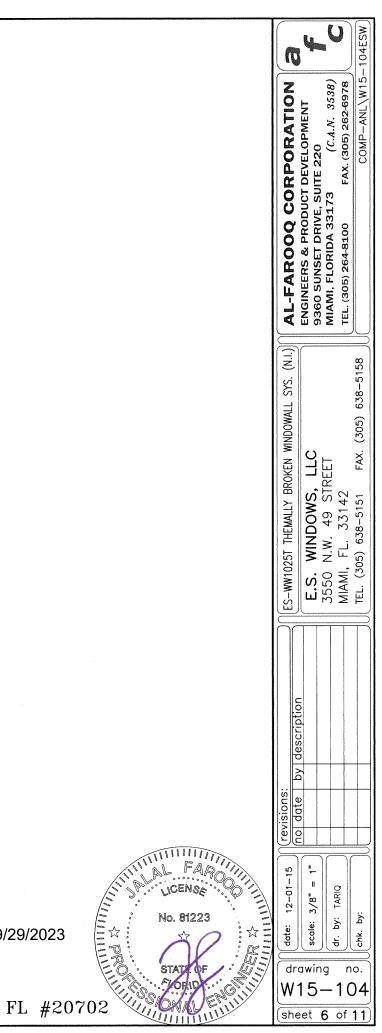
TYPE 'A' 5/16" DIA. ULTRACON BY 'DEWALT' DIRECTLY INTO CONCRETE 2" MIN. EMBED INTO CONCRETE 3-3/4" O.C. MIN.
ANCHOR EDGE DISTANCES INTO CONCRETE = $3-1/8$ " MIN.
<b>TYPE 'B'</b> <b>5/16" DIA. DRIL-FLEX SELF DRILLI</b> INTO METAL STRUCTURES (3) THREADS MIN. TO EXTEND BEY ALUMINUM: 1/8" THK. MIN. (6063- STEEL: 1/8" THK. MIN. (Fy = 36 (STEEL IN CONTACT WITH ALUMINUM TO B
ANCHOR EDGE DISTANCES INTO METAL STRUCTURE = 1" MIN.

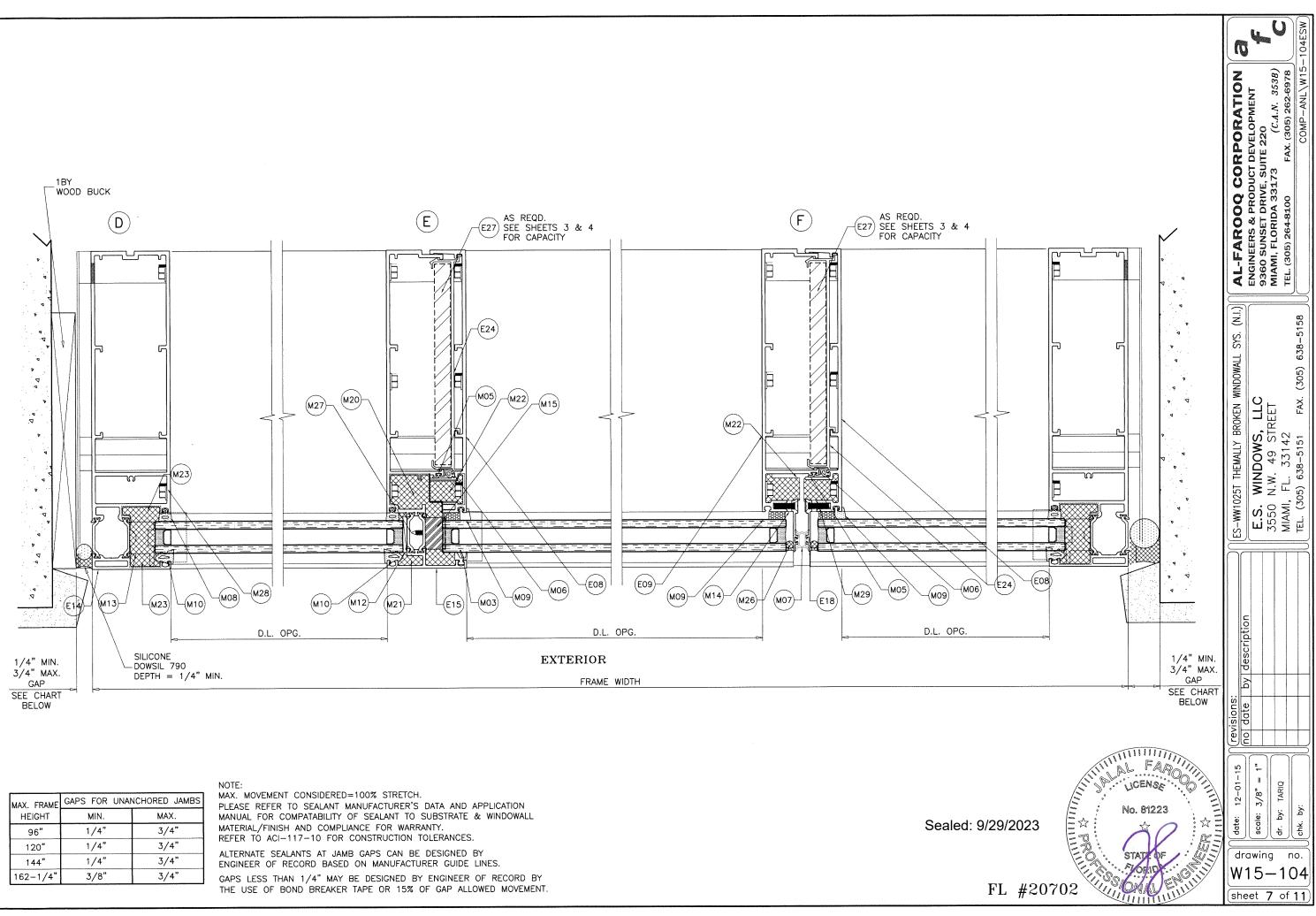
## **WEEPHOLES:**

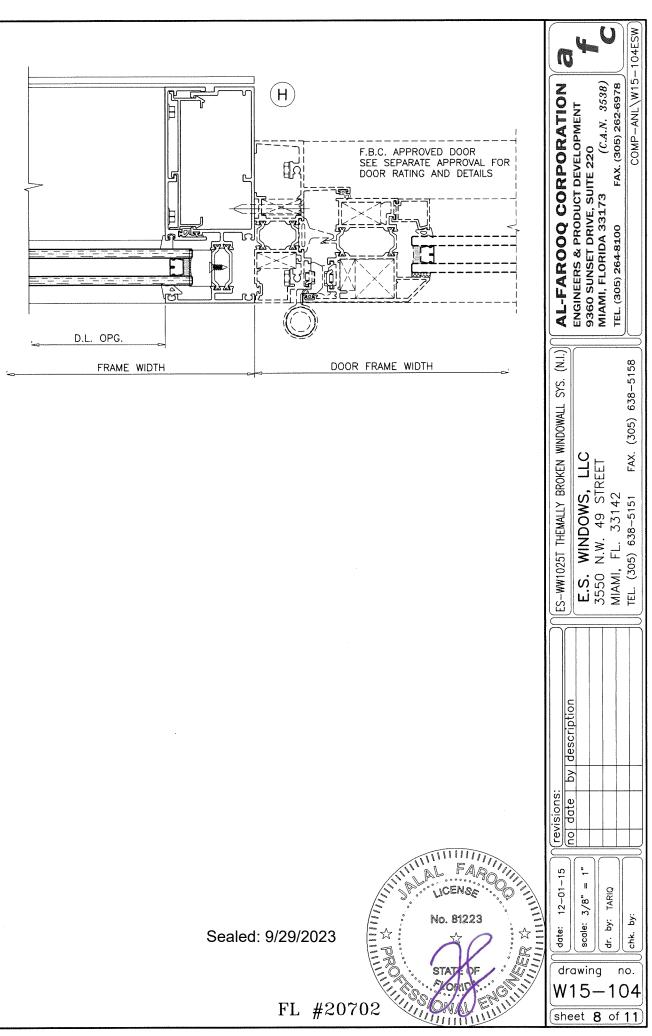
W1 = (2) 5/16" DIA. WEEP HOLES AT 1/3 POINTS

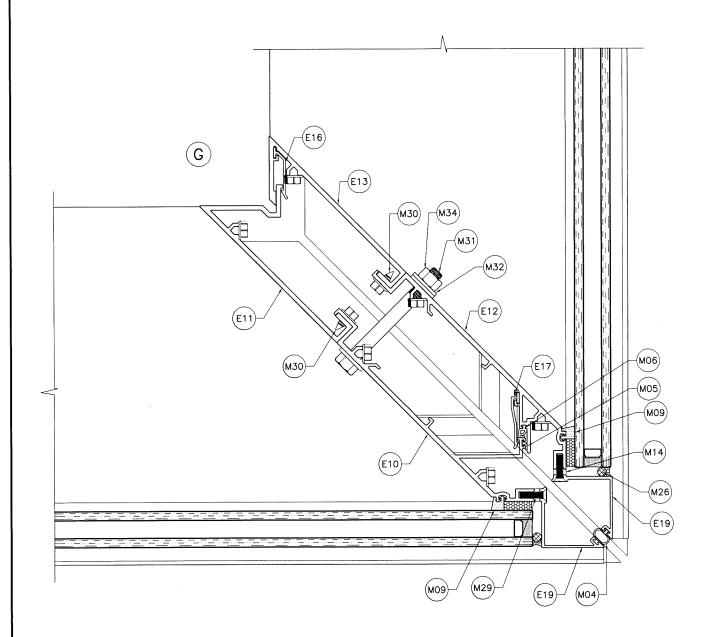












ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E01	ES-WW1025T-501	AS REQD.	HEAD INSIDE REGLAZE	6063-T6	
E02	ES-WW1025T-507	AS REQD.	HEAD OUTSIDE REGLAZE	6063-T6	
E03	ES-WW1025T-506	AS REQD.	STARTER	6063-T6	
E04	ES-WW1025T-503	AS REQD.	FRAME SILL	6063-T6	-
E05	ES-WW1025T-502	AS REQD.	HORIZONTAL INSIDE REGLAZE	6063-T6	-
E06	ES-WW1025T-508	AS REQD.	HORIZONTAL OUTSIDE REGLAZE	6063-T6	-
E07	ES-WW1025T-408	AS REQD.	HORIZONTAL GLASS STOP	6063-T6	
E08	ES-WW1025T-006	AS REQD.	FEMALE MULLION SSG	6063-T6	_
E09	ES-WW1025T-007	AS REQD.	MALE MULLION SSG	6063-T6	
E10	ES-WW1025T-009	AS REQD.	CORNER MALE MULLION FRONT	6063-T6	
				6063-T6	
E11	ES-WW1025T-010	AS REQD.	CORNER MALE MULLION BACK		_
E12	ES-WW1025T-011	AS REQD.	CORNER FEMALE MULLION FRONT	6063-T6	
E13	ES-WW1025T-012	AS REQD.	CORNER FEMALE MULLION BACK	6063-T6	-
E14	ES-WW1025T-505	AS REQD.	FRAME JAMB	6063-T6	
E15	ES-WW1025T-504	AS REQD.	MALE MULLION	6063-T6	-
E16	ES-7530-208	AS REQD.	CORNER HOOK BACK	6063-T5	-
E17	ES-7530-209	AS REQD.	CORNER HOOK FRONT	6063-T5	-
E18	ES-UN625-011	AS REQD.	SSG FRONT TRIM	6063-T5	-
E19	ES-UN625-015	AS REQD.	OUTSIDE CORNER TRIM	6063-T5	-
E20	ES-WC25-009	AS REQD.	INTERIOR GLASS STOP	6063-T6	-
E21	ES-WW1025T-002	AS REQD.	HEAD COVER	6063-T5	-
E22	ES-WW1025T-052	AS REQD.	HORIZONTAL COVER	6063-T5	
E23	ES-WW1025T-201	AS REQD.	HEAD ANCHOR	6005-T5	-
E24	ES-WW1025T-202	AS REQD.	HOOK CLIP	6063-T5	_
E25	ES-U3525-216	AS REQD.	ANCHOR WASHER	6005-T5	_
		AS REQD.	END DAM (4" WIDTH X 3" HEIGHT)	6005-T5	
E26	ES-CF-001				A76 5. MIN - 59 1/51
E27		AS REQD.	MULLION REINF. BAR (LENGTH = FRAME HEIGHT - 6")	STEEL	A36, Fu MIN. = 58 KSI
M01	ES-W625-G01A	AS REQD.	AIR SEAL AT STACK CAPTURED/SSG	EPDM	DUROMETER 65±5 SHORE A
M02	ES-W625-G02A	AS REQD.	WATER RETAINER FOR OUTSIDE REGLAZE	SILICONE	DUROMETER 65±5 SHORE A
M03	ES-W625-G03A	AS REQD.	EXTERIOR GASKET CAPTURED VERTICAL MULLION	SILICONE	DUROMETER 65±5 SHORE A
M04	ES-7530-G05A	AS REQD.	WATER DEFLECTOR AT VERTICAL JOINT	SILICONE	DUROMETER 60±5 SHORE A
M05	ES-7530-G06	AS REQD.	TONGUE CAPTURED/SSG	EPDM	DUROMETER 60±5 SHORE A
M06	ES-7530-G07	AS REQD.	COMPRESSION JOINT CAPTURED/SSG	EPDM	DUROMETER 60±5 SHORE A
M07	ES-7530-G11A	AS REQD.	WATER DEFLECTOR AT VERTICAL JOINT SSG	SILICONE	DUROMETER 60±5 SHORE A
M08	NS-25-G01A	AS REQD.	INTERIOR GASKET	SILICONE	DUROMETER 70±5 SHORE A
M09	ES-U3525-G08A	AS REQD.	INTERIOR SPACER SSG	SILICONE	DUROMETER 70±5 SHORE A
M10	27-427	AS REQD.	PACKING WEDGE	EPDM	DUROMETER 70±5 SHORE A
M11	NP-200-B02A	AS REQD.	SETTING BLOCK	SILICONE	DUROMETER 80±5 SHORE A
M12	ES-7530-B01A	AS REQD.	SIDE BLOCK AT VERTICAL MULLION	SILICONE	DUROMETER 80±5 SHORE A
		AS REQD.	SIDE BLOCK AT VERTICAL MOLLION	SILICONE	DUROMETER 60±5 SHORE A
M13	ES-WW1025T-B01			RIGID PVC	
M14	ES-WW1025T-301	AS REQD.	THERMAL ISOLATOR		
M15	ES-W625-302	AS REQD.	END DAM HOLDER AT HEAD	RIGID PVC	-
M16	ES-W625-N01	AS REQD.	1/4" DIA. X 1" ROD	NYLON 6	-
M17	ES-7530-F01	AS REQD.	1" X 1" X 5" CLOSED CELL FOAM AT STACK		
M18		AS REQD.	1/2" DIA. BACKER ROD AT VERTICAL SSG MULLION	FOAM	CLOSED CELL POLYETHYLENE
M19		AS REQD.	1" X 1" X 5" CLOSED CELL FOAM AT STACK	SILICONE	-
M20	ES-WW1025T-F01	AS REQD.	FOAM BLOCK AT TOP OF MALE MULLION	FOAM	CLOSED CELL
M21	ES-W625-F02	AS REQD.	FOAM BLOCK AT VERTICAL END CAP	FOAM	CLOSED CELL
M22	ES-WW1025T-F02	AS REQD.	FOAM BLOCK AT TOP OF FEMALE MULLION	FOAM	CLOSED CELL
M23	ES-WW1025T-F03	AS REQD.	FOAM BLOCK AT TOP JAMB	FOAM	CLOSED CELL
M24	ES-WW1025T-F04	AS REQD.	1/2" X 1/2" X 2" RETICULATED FOAM 30PPI	-	OPEN CELL
M25	ES-WW1025T-F05	AS REQD.	1/2" X 3/4" X 5" FOAM BLOCK	-	CLOSED CELL
M26	-	AS REQD.	3/8" DIA. BACKER ROD AT SSG MULLION	FOAM	CLOSED CELL POLYETHYLENE
M23	#8 X 1/2"	AS REQD.	FOR END DAM HOLDER	ST. STEEL	PH SMS
	#12 X 1-1/2"	AS REQD.	ASSEMBLY FASTENERS	ST. STEEL	HWH SMS
M28				ST. STEEL	FH SMS
M29	#10-24 X 3/4"	AS REQD.	SIDE TRIM ASSEMBLY FASTENERS		
M30	#12 X 1/2"	AS REQD.	ASSEMBLY FASTENERS SSG OUTSIDE CORNER	ST. STEEL	HWH SMS
M31	3/8" X 3-1/2"	AS REQD.		ST. STEEL	HH BOLT
M32		AS REQD.	3/8" X 1/16" WASHER FOR CORNER ASSEMBLY FASTENER	ST. STEEL	-
M33		AS REQD.	3/8" X 1/16" LOCK WASHER FOR ASSEMBLY FASTENER	ST. STEEL	
M34	_	AS REQD.	3/8" NUT FOR ASSEMBLY FASTENER	ST. STEEL	-

