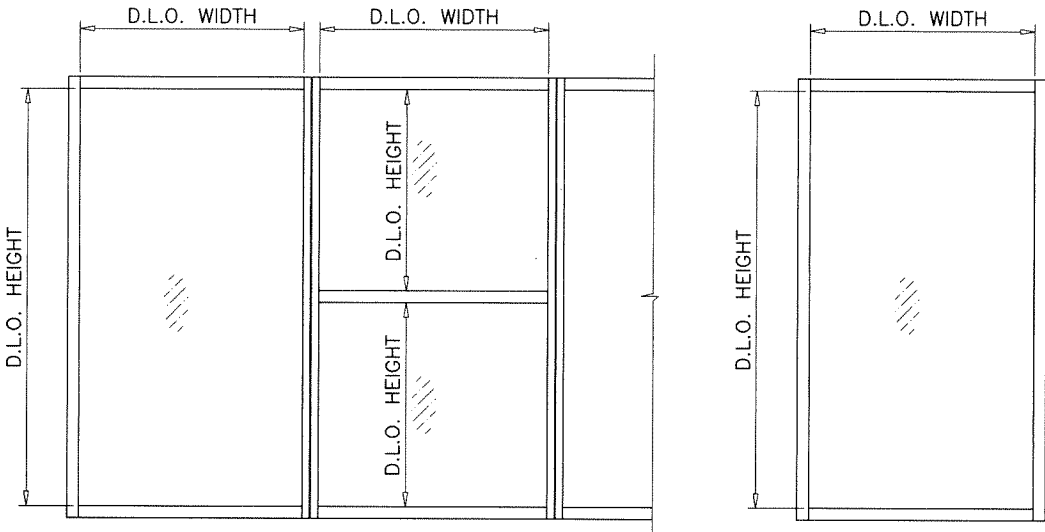
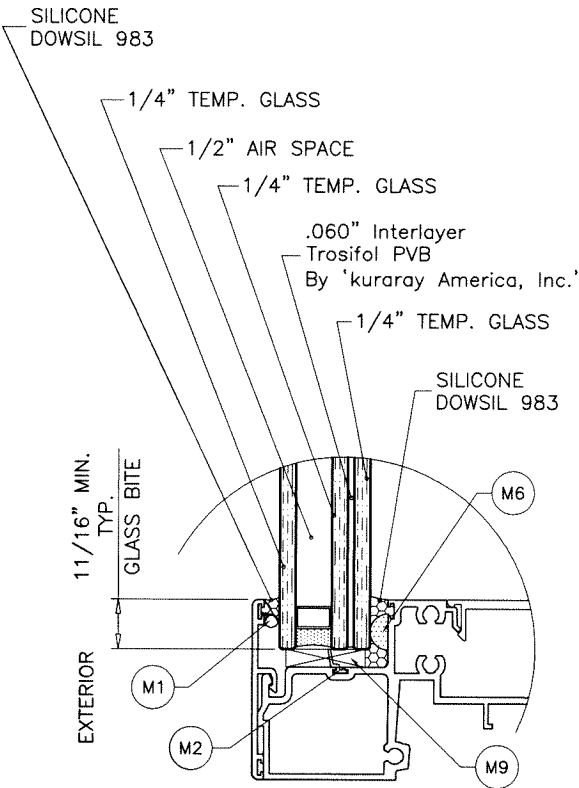


GLASS LOAD CAPACITY - PSF		
NOMINAL DIMS.		INSUL. LAM. GLASS
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+) INT. (-)
50-3/4"	116-1/4"	135.0
52-3/4"		135.0
56-3/4"		135.0
62-3/4"		122.1
64-3/4"	122-1/4"	118.3
50-3/4"		135.0
52-3/4"		135.0
56-3/4"		135.0
62-3/4"		122.1
50-3/4"	135-1/4"	135.0
52-3/4"		135.0
56-3/4"		135.0
62-3/4"		122.1



GLASS LIMITS AS PER SIZES SHOWN ON THIS SHEET
FOR MULTIPLE AND SINGLE LITES



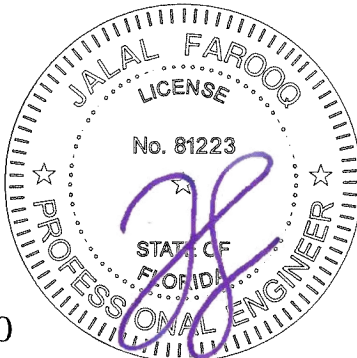
GLAZING DETAIL
1-1/4" OVERALL INSUL. LAM. GLASS

1/2" AIR SPACE CONSISTING OF:
SPACER:
'HELIMA' LOW PROFILE ALUMINUM SPACER
BY 'LINGERMANN GMBH'
AROUND THE PERIMETER OF THE GLASS.
PERIMETER SEALANT:
SILICONE
DOWSIL 791
GE 2000

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

GLASS

FL #18410



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

ES-WW1032i ALUM WINDOW WALL SYSTEM (S.M.I.)

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

revisions:

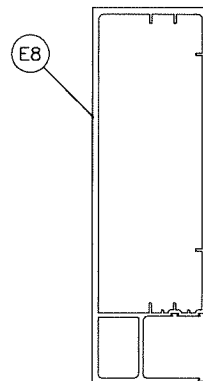
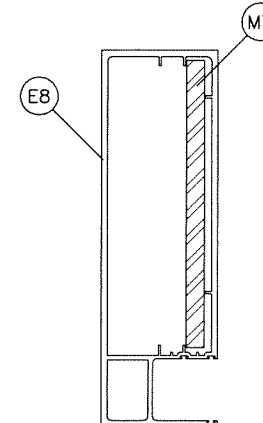
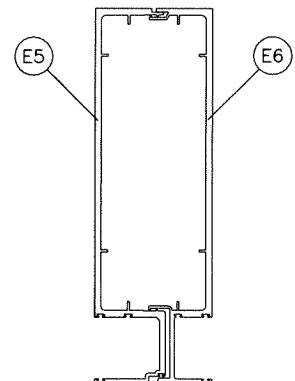
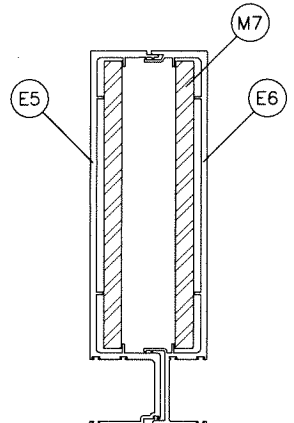
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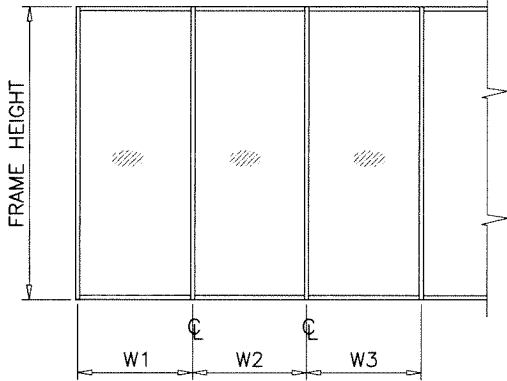
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scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
24-98F
sheet 2 of 10

MULLION LOAD CAPACITY - PSF WITHOUT INTERMEDIATE HORIZONTALS					
NOMINAL DIMS.		JAMB 'J1' MULL 'M1'		JAMB 'J2' MULL 'M2'	
WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
48"	144"	135.0	135.0	135.0	135.0
54"		135.0	135.0	135.0	135.0
60"		132.8	132.8	135.0	135.0
66"		122.3	122.3	135.0	135.0
68"		119.2	119.2	135.0	135.0
48"	150"	135.0	135.0	135.0	135.0
54"		128.6	128.6	135.0	135.0
60"		117.0	117.0	135.0	135.0
66"		107.6	107.6	135.0	135.0
48"	156"	127.2	127.2	135.0	135.0
54"		114.0	114.0	135.0	135.0
60"		103.6	103.6	135.0	135.0
48"	162"	113.3	113.3	135.0	135.0
54"		101.5	101.5	135.0	135.0
60"		92.1	92.1	135.0	135.0
48"	168"	101.4	101.4	135.0	135.0
54"		90.8	90.8	135.0	135.0
60"		82.3	82.3	135.0	135.0

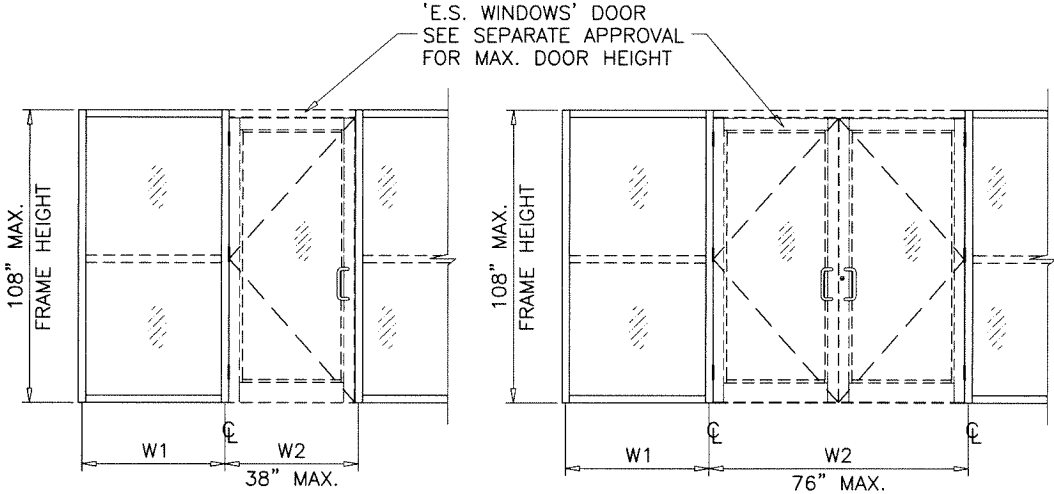
NOTE:
INTERPOLATION BETWEEN WIDTHS ALLOWED.

							
JAMB 'J1'		JAMB 'J2'		MULLION 'M1'		MULLION 'M2'	
Ix IN^4	Sx IN^3	Ix IN^4	Sx IN^3	Ix IN^4	Sx IN^3	Ix IN^4	Sx IN^3
64.733	12.096	64.733	12.096	65.432	12.125	65.432	12.125
TOTAL		TOTAL		TOTAL		TOTAL	
Ix ALUM + Ix STL X 2.9		Ix ALUM + Ix STL X 2.9		Ix ALUM + Ix STL X 2.9		Ix ALUM + Ix STL X 2.9	
125.978		125.978		187.938		187.938	



WIDTH (W) = W1
AT JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT MULLION



WIDTH (W) = $\frac{W1 + W2}{2}$
AT MULLION

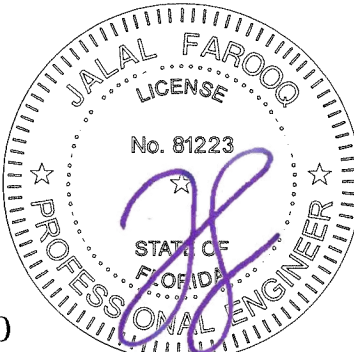
WIDTH (W) = $\frac{W1}{2} + \frac{W2}{4}$
AT MULLION

WINDOW WALL SYSTEM WITH OUTSWING DOORS LIMITED TO
MAX. Dp = ±90.0 PSF
MAX. DOOR FRAME HEIGHT = 108"
MAX. DOOR FRAME WIDTH = 76"

Sealed: 8/22/2025

MULLION

FL #18410



AL-FAROOQ CORPORATION
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STORE 24-98FES

ES-WW1032i ALUM WINDOW WALL SYSTEM (S.M.I.)

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3550 N.W. 49 STREET
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Revisions:

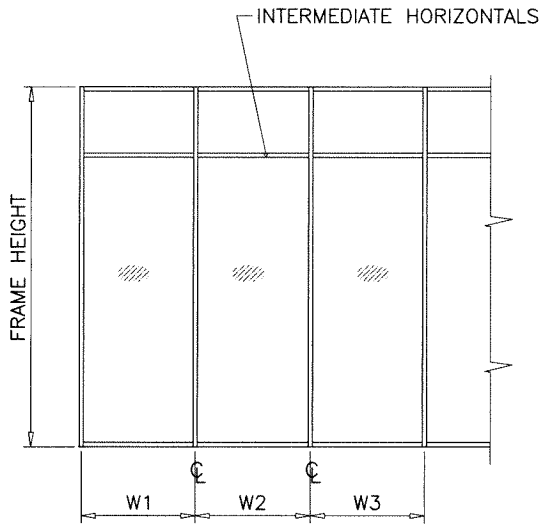
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dr. by: TARIQ
chk. by:

drawing no.
24-98F
sheet 3 of 10

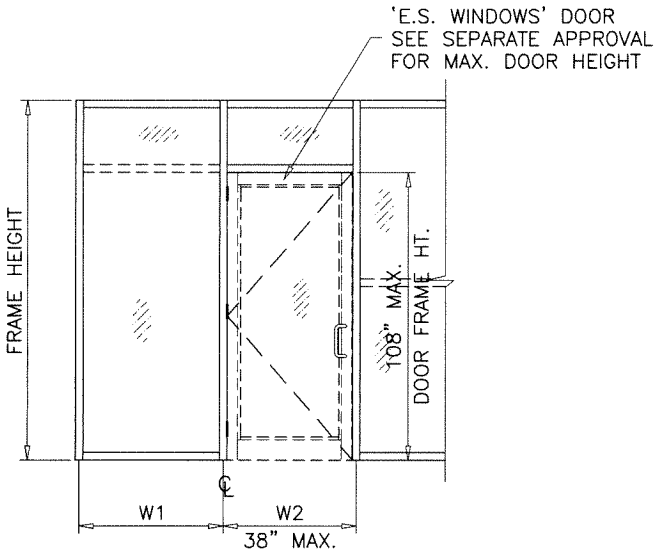
MULLION LOAD CAPACITY - PSF WITH INTERMEDIATE HORIZONTALS					
NOMINAL DIMS.		JAMB 'J1' MULL 'M1'		JAMB 'J2' MULL 'M2'	
WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
48"	144"	135.0	135.0	135.0	135.0
54"		135.0	135.0	135.0	135.0
60"		125.4	125.4	135.0	135.0
66"		114.0	114.0	135.0	135.0
68"		110.6	110.6	135.0	135.0
48"	150"	135.0	135.0	135.0	135.0
54"		123.2	123.2	135.0	135.0
60"		110.9	110.9	135.0	135.0
66"		100.8	100.8	135.0	135.0
48"	156"	123.2	123.2	135.0	135.0
54"		109.5	109.5	135.0	135.0
60"		98.6	98.6	135.0	135.0
48"	162"	110.0	110.0	135.0	135.0
54"		97.8	97.8	135.0	135.0
60"		88.0	88.0	135.0	135.0
48"	168"	98.7	98.7	135.0	135.0
54"		87.7	87.7	135.0	135.0
60"		78.9	78.9	135.0	135.0

NOTE:
INTERPOLATION BETWEEN WIDTHS ALLOWED.

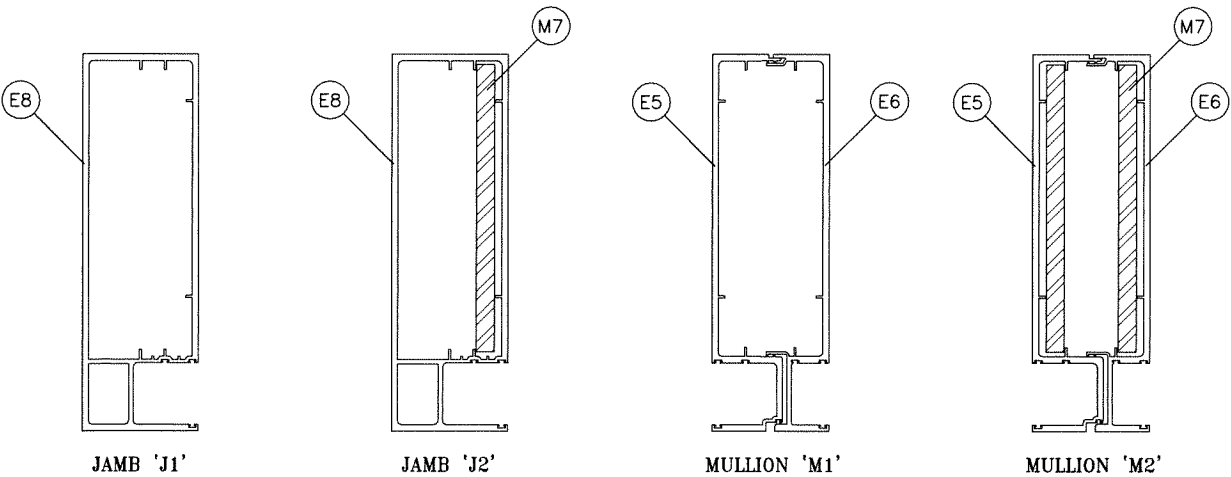


WIDTH (W) = W1
AT JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT MULLION



WIDTH (W) = $\frac{W1 + W2}{2}$
AT MULLION



Ix IN^4	Sx IN^3
64.733	12.096

	Ix IN^4	Sx IN^3
ALUMINUM	64.733	12.096
STEEL	21.33	5.333
TOTAL	86.063	17.429
Ix ALUM + Ix STL X 2.9	125.978	

Ix IN^4	Sx IN^3
65.432	12.125

	Ix IN^4	Sx IN^3
ALUMINUM	65.432	12.125
STEEL	42.667	10.667
TOTAL	108.099	22.792
Ix ALUM + Ix STL X 2.9	187.938	

MULLION

FL #18410



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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

STORE 24-98FES

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'— **5/16" DIA. ULTRACON BY 'DEWALT'** (Fu=177 KSI, Fy=155 KSI)

DIRECTLY INTO CONCRETE (3500 PSI MIN.)
2" MIN. EMBED INTO CONCRETE
5" MIN. SPACING
3-1/8" MIN. EDGE DISTANCE

TYPE 'B'— **5/16" DIA. DRIL-FLEX SELF DRILLING SCREWS** (Fu=120 KSI, Fy=95 KSI)

INTO STEEL STRUCTURES
1/4" THK. MIN. (Fy = 36 KSI MIN.)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
3" MIN. SPACING
1" MIN. EDGE DISTANCE
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPE 'AA'— **3/8" DIA. ConFlex BY 'DEWALT'** (Fu=120 KSI, Fy=92 KSI)

DIRECTLY INTO CONCRETE (3000 PSI MIN.)
3-1/2" MIN. EMBED INTO CONCRETE
5" MIN. SPACING
3-3/4" MIN. EDGE DISTANCE

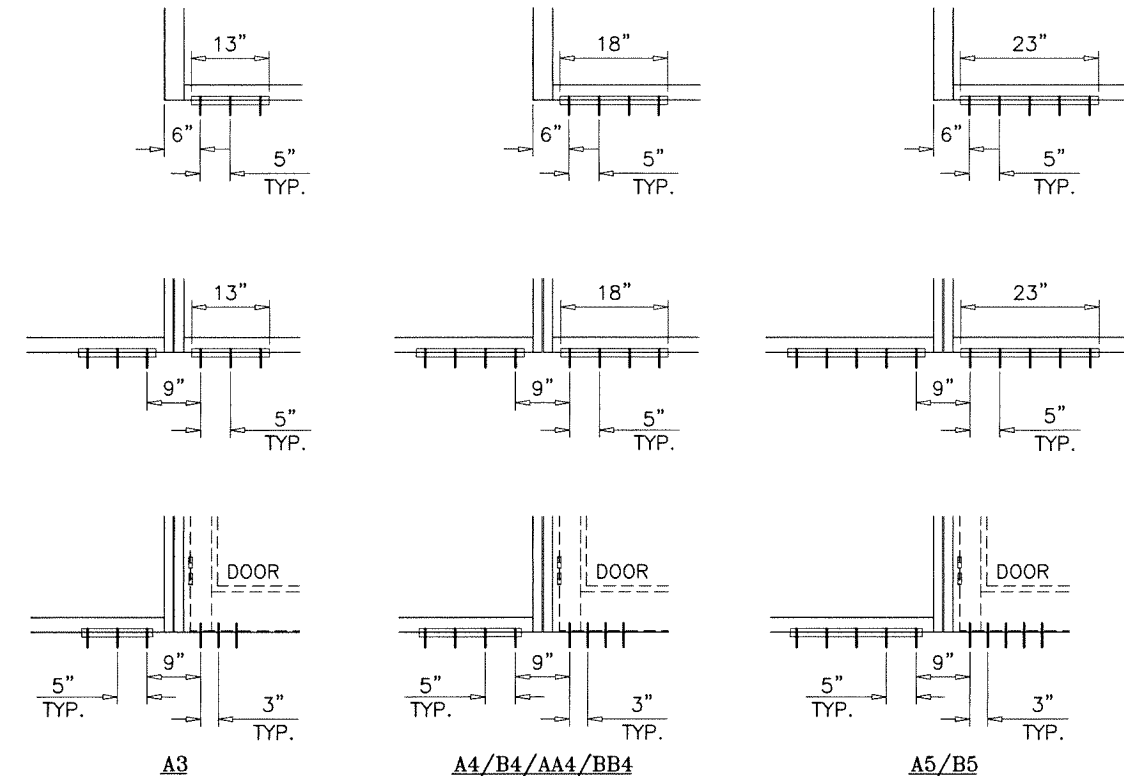
TYPE 'AA'— **3/8" DIA. SCREW-BOLT+ BY 'DEWALT'**

DIRECTLY INTO CONCRETE (4000 PSI MIN.)
3-1/4" MIN. EMBED INTO CONCRETE
5" MIN. SPACING
4-1/2" MIN. EDGE DISTANCE

TYPE 'BB'— **3/8" DIA. Tap Flex SELF DRILLING SCREWS** (GRADE 5 CRS)

INTO STEEL STRUCTURES
1/8" THK. MIN. (Fy = 36 KSI MIN.)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

NOTE:
ANCHOR TORQUED AND OTHERWISE INSTALLED AS
PER MANUFACTURER SPECIFICATIONS.



ANCHORS TYPES:

A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
A4 = (4) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
A5 = (5) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION

B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
B4 = (4) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
B5 = (5) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION

AA3 = (3) ANCHORS TYPE 'AA' AT EACH SIDE OF JAMB AND MULLION
AA4 = (4) ANCHORS TYPE 'AA' AT EACH SIDE OF JAMB AND MULLION

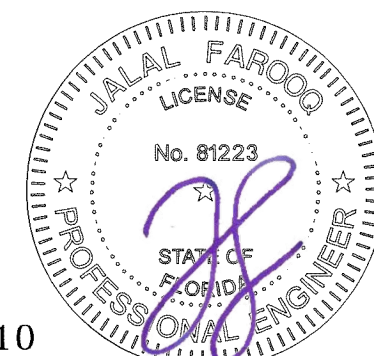
BB3 = (3) ANCHORS TYPE 'BB' AT EACH SIDE OF JAMB AND MULLION
BB4 = (4) ANCHORS TYPE 'BB' AT EACH SIDE OF JAMB AND MULLION

SEE SHEET 5.1 FOR ANCHOR CAPACITIES

Sealed: 8/22/2025

ANCHOR

FL #18410



ES-WW1032i ALUM WINDOW WALL SYSTEM (S.M.I.)

E.S. WINDOWS, LLC
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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MIAMI, FLORIDA 33173 (C.A.N. 3538)
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STORE 24-98FES

revisions:
no date by description

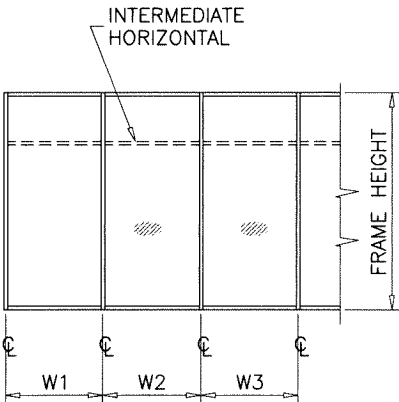
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scale: -
dr. by: TARIQ
chk. by:

drawing no.
24-98F
sheet 5 of 10

ANCHORS LOAD CAPACITY - PSF EXT.(+) & INT.(-)											
NOMINAL DIMS.		ANCHOR TYPE 'A'			ANCHOR TYPE 'B'			ANCHOR TYPE 'AA'		ANCHOR TYPE 'BB'	
WIDTH (W)	FRAME HEIGHT	A3	A4	A5	B3	B4	B5	AA3	AA4	BB3	BB4
36"	132"	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
56"		129.2	135.0	135.0	118.6	135.0	135.0	135.0	135.0	135.0	135.0
60"		120.6	135.0	135.0	110.7	135.0	135.0	135.0	135.0	135.0	135.0
66"		109.6	135.0	135.0	100.7	134.2	135.0	135.0	135.0	135.0	135.0
68"		106.4	135.0	135.0	97.7	130.3	135.0	135.0	135.0	135.0	135.0
72"		100.5	134.0	135.0	92.3	123.0	135.0	135.0	135.0	135.0	135.0
78"		92.8	123.7	135.0	85.2	113.6	135.0	135.0	135.0	135.0	135.0
84"		86.1	114.8	135.0	79.1	105.5	131.8	135.0	135.0	135.0	135.0
90"		80.4	107.2	134.0	73.8	98.4	123.0	135.0	135.0	135.0	135.0
36"	138"	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
56"		123.6	135.0	135.0	113.5	135.0	135.0	135.0	135.0	135.0	135.0
60"		115.3	135.0	135.0	105.9	135.0	135.0	135.0	135.0	135.0	135.0
66"		104.9	135.0	135.0	96.3	128.4	135.0	135.0	135.0	135.0	135.0
68"		101.8	135.0	135.0	93.5	124.6	135.0	135.0	135.0	135.0	135.0
72"		96.1	128.2	135.0	88.3	117.7	135.0	135.0	135.0	135.0	135.0
78"		88.7	118.3	135.0	81.5	108.6	135.0	135.0	135.0	135.0	135.0
84"		82.4	109.8	135.0	75.7	100.9	126.1	135.0	135.0	135.0	135.0
90"		76.9	102.5	128.2	70.6	94.2	117.7	135.0	135.0	135.0	135.0
36"	144"	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
56"		118.4	135.0	135.0	108.8	135.0	135.0	135.0	135.0	135.0	135.0
60"		110.5	135.0	135.0	101.5	135.0	135.0	135.0	135.0	135.0	135.0
66"		100.5	134.0	135.0	92.3	123.0	135.0	135.0	135.0	135.0	135.0
68"		97.5	130.0	135.0	89.6	119.4	135.0	135.0	135.0	135.0	135.0
72"		92.1	122.8	135.0	84.6	112.8	135.0	135.0	135.0	135.0	135.0
78"		85.0	113.4	135.0	78.1	104.1	130.1	135.0	135.0	135.0	135.0
84"		79.0	105.3	131.6	72.5	96.7	120.8	135.0	135.0	135.0	135.0
90"		73.7	98.3	122.8	67.7	90.2	112.8	135.0	135.0	135.0	135.0
36"	150"	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
56"		113.7	135.0	135.0	104.4	135.0	135.0	135.0	135.0	135.0	135.0
60"		106.1	135.0	135.0	97.4	129.9	135.0	135.0	135.0	135.0	135.0
66"		96.5	128.6	135.0	88.6	118.1	135.0	135.0	135.0	135.0	135.0
68"		93.6	124.8	135.0	86.0	114.6	135.0	135.0	135.0	135.0	135.0
72"		88.4	117.9	135.0	81.2	108.3	135.0	135.0	135.0	135.0	135.0
78"		81.6	108.8	135.0	75.0	99.9	124.9	135.0	135.0	135.0	135.0
84"		75.8	101.1	126.3	69.6	92.8	116.0	135.0	135.0	135.0	135.0
90"		70.7	94.3	117.9	65.0	86.6	108.3	135.0	135.0	135.0	135.0
36"	156"	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
56"		109.3	135.0	135.0	100.4	133.9	135.0	135.0	135.0	135.0	135.0
60"		102.0	135.0	135.0	93.7	124.9	135.0	135.0	135.0	135.0	135.0
66"		92.8	123.7	135.0	85.2	113.6	135.0	135.0	135.0	135.0	135.0
68"		90.0	120.0	135.0	82.7	110.2	135.0	135.0	135.0	135.0	135.0
72"		85.0	113.4	135.0	78.1	104.1	130.1	135.0	135.0	135.0	135.0
78"		78.5	104.6	130.8	72.1	96.1	120.1	135.0	135.0	135.0	135.0
84"		72.9	97.2	121.5	66.9	89.2	111.5	135.0	135.0	135.0	135.0
90"		68.0	90.7	113.4	62.5	83.3	104.1	135.0	135.0	132.1	135.0
36"	162"	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
56"		105.3	135.0	135.0	96.7	128.9	135.0	135.0	135.0	135.0	135.0
60"		98.3	131.0	135.0	90.2	120.3	135.0	135.0	135.0	135.0	135.0
66"		89.3	119.1	135.0	82.0	109.4	135.0	135.0	135.0	135.0	135.0
68"		86.7	115.6	135.0	79.6	106.2	132.7	135.0	135.0	135.0	135.0
72"		81.9	109.2	135.0	75.2	100.3	125.3	135.0	135.0	135.0	135.0
78"		75.6	100.8	126.0	69.4	92.5	115.7	135.0	135.0	135.0	135.0
84"		70.2	93.6	117.0	64.5	85.9	107.4	135.0	135.0	135.0	135.0
90"		65.5	87.3	109.2	60.2	80.2	100.3	135.0	135.0	127.2	135.0

NOTE:
INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

ANCHORS LOAD CAPACITY - PSF EXT.(+) & INT.(-)											
NOMINAL DIMS.		ANCHOR TYPE 'A'			ANCHOR TYPE 'B'			ANCHOR TYPE 'AA'		ANCHOR TYPE 'BB'	
WIDTH (W)	FRAME HEIGHT	A3	A4	A5	B3	B4	B5	AA3	AA4	BB3	BB4
36"	168"	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
56"		101.5	135.0	135.0	93.2	124.3	135.0	135.0	135.0	135.0	135.0
60"		94.7	126.3	135.0	87.0	116.0	135.0	135.0	135.0	135.0	135.0
66"		86.1	114.8	135.0	79.1	105.5	131.8	135.0	135.0	135.0	135.0
68"		83.6	111.5	135.0	76.8	102.4	128.0	135.0	135.0	135.0	135.0
72"		79.0	105.3	131.6	72.5	96.7	120.8	135.0	135.0	135.0	135.0
78"		72.9	97.2	121.5	66.9	89.2	111.5	135.0	135.0	135.0	135.0
84"		67.7	90.2	112.8	62.1	82.9	103.6	135.0	135.0	131.4	135.0
90"		63.2	84.2	105.3	58.0	77.3	96.7	130.5	135.0	122.6	135.0
36"	174"	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
56"		98.0	130.7	135.0	90.0	120.0	135.0	135.0	135.0	135.0	135.0
60"		91.5	122.0	135.0	84.0	112.0	135.0	135.0	135.0	135.0	135.0
66"		83.2	110.9	135.0	76.4	101.8	127.3	135.0	135.0	135.0	135.0
68"		80.7	107.6	134.5	74.1	98.8	123.5	135.0	135.0	135.0	135.0
72"		76.2	101.6	127.0	70.0	93.3	116.7	135.0	135.0	135.0	135.0
78"		70.4	93.8	117.3	64.6	86.2	107.7	135.0	135.0	135.0	135.0
84"		65.3	87.1	108.9	60.0	80.0	100.0	135.0	135.0	126.9	135.0
90"		61.0	81.3	101.6	56.0	74.7	93.3	126.0	135.0	118.4	135.0
36"	180"	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
56"		94.7	126.3	135.0	87.0	116.0	135.0	135.0	135.0	135.0	135.0
60"		88.4	117.9	135.0	81.2	108.3	135.0	135.0	135.0	135.0	135.0
66"		80.4	107.2	134.0	73.8	98.4	123.0	135.0	135.0	135.0	135.0
68"		78.0	104.0	130.0	71.7	95.5	119.4	135.0	135.0	135.0	135.0
72"		73.7	98.3	122.8	67.7	90.2	112.8	135.0	135.0	135.0	135.0
78"		68.0	90.7	113.4	62.5	83.3	104.1	135.0	135.0	132.1	135.0
84"		63.2	84.2	105.3	58.0	77.3	96.7	130.5	135.0	122.6	135.0
90"		59.0	78.6	98.3	54.1	72.2	90.2	121.8	135.0	114.5	135.0
36"	188"	135.0	135.0	135.0	129.6	135.0	135.0	135.0	135.0	135.0	135.0
56"		90.7	120.9	135.0	83.3	111.1	135.0	135.0	135.0	135.0	135.0
60"		84.7	112.9	135.0	77.8	103.7	129.6	135.0	135.0	135.0	135.0
66"		77.0	102.6	128.3	70.7	94.2	117.8	135.0	135.0	135.0	135.0
68"		74.7	99.6	124.5	68.6	91.5	114.3	135.0	135.0	135.0	135.0
72"		70.6	94.1	117.6	64.8	86.4	108.0	135.0	135.0	135.0	135.0
78"		65.1	86.8	108.5	59.8	79.7	99.7	134.6	135.0	126.5	135.0
84"		60.5	80.6	100.8	55.5	74.0	92.6	124.9	135.0	117.4	135.0
90"		56.4	75.3	94.1	51.8	69.1	86.4	116.6	135.0	109.6	135.0



WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION

SEE SHEET 5 FOR ANCHOR
DESCRIPTION

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ENGINEERS & PRODUCT DEVELOPMENT
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MIAMI, FLORIDA 33173
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E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151
FAX. (305) 638-5158

revisions:
no date by description

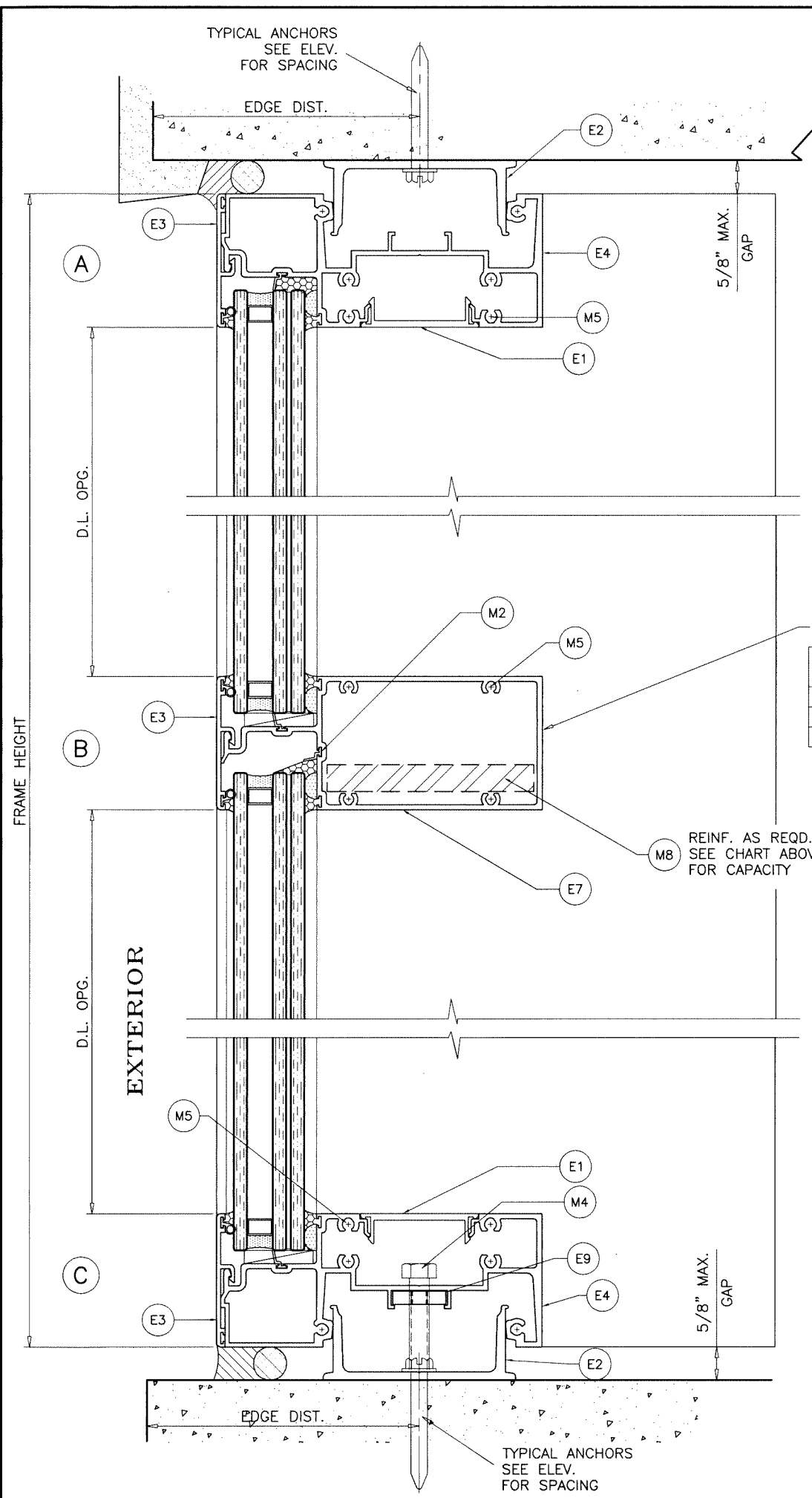
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drawing no.
24-98F
sheet 5.1 of 10

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STORE 24-98FES

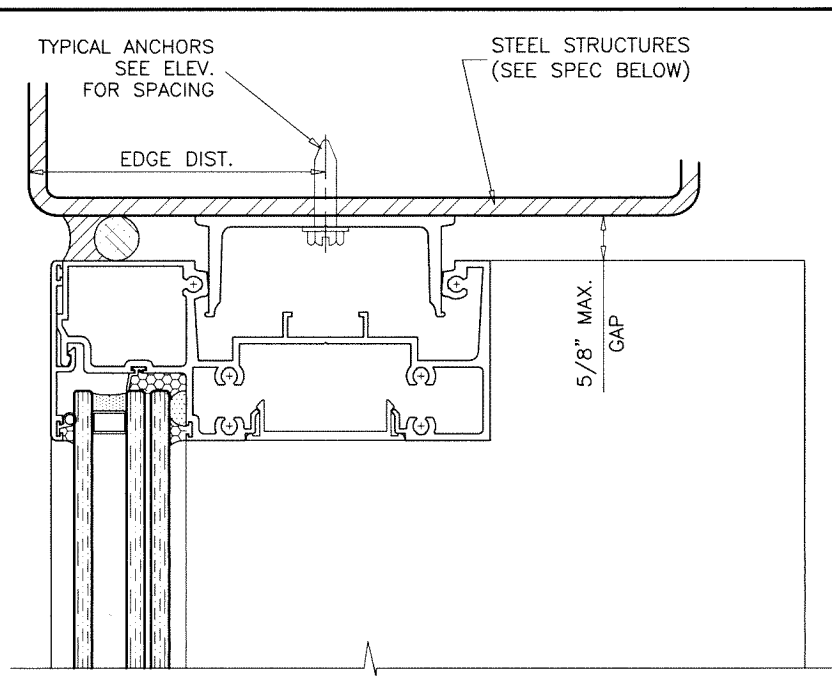
FL #18410



LIMIT MAX. DESIGN LOADS
FOR HORIZONTAL AS FOLLOWS

HORIZ. SPAN MAX.	LOAD CAPACITY - PSF	
	W/O REINF.	WITH REINF.
66"	110.0	135.0
78"	98.0	135.0
90"	69.1	135.0

REINF. AS REQD.
SEE CHART ABOVE
FOR CAPACITY



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ES-WW1032i ALUM WINDOW WALL SYSTEM (S.M.I.)

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

no	date	by	description

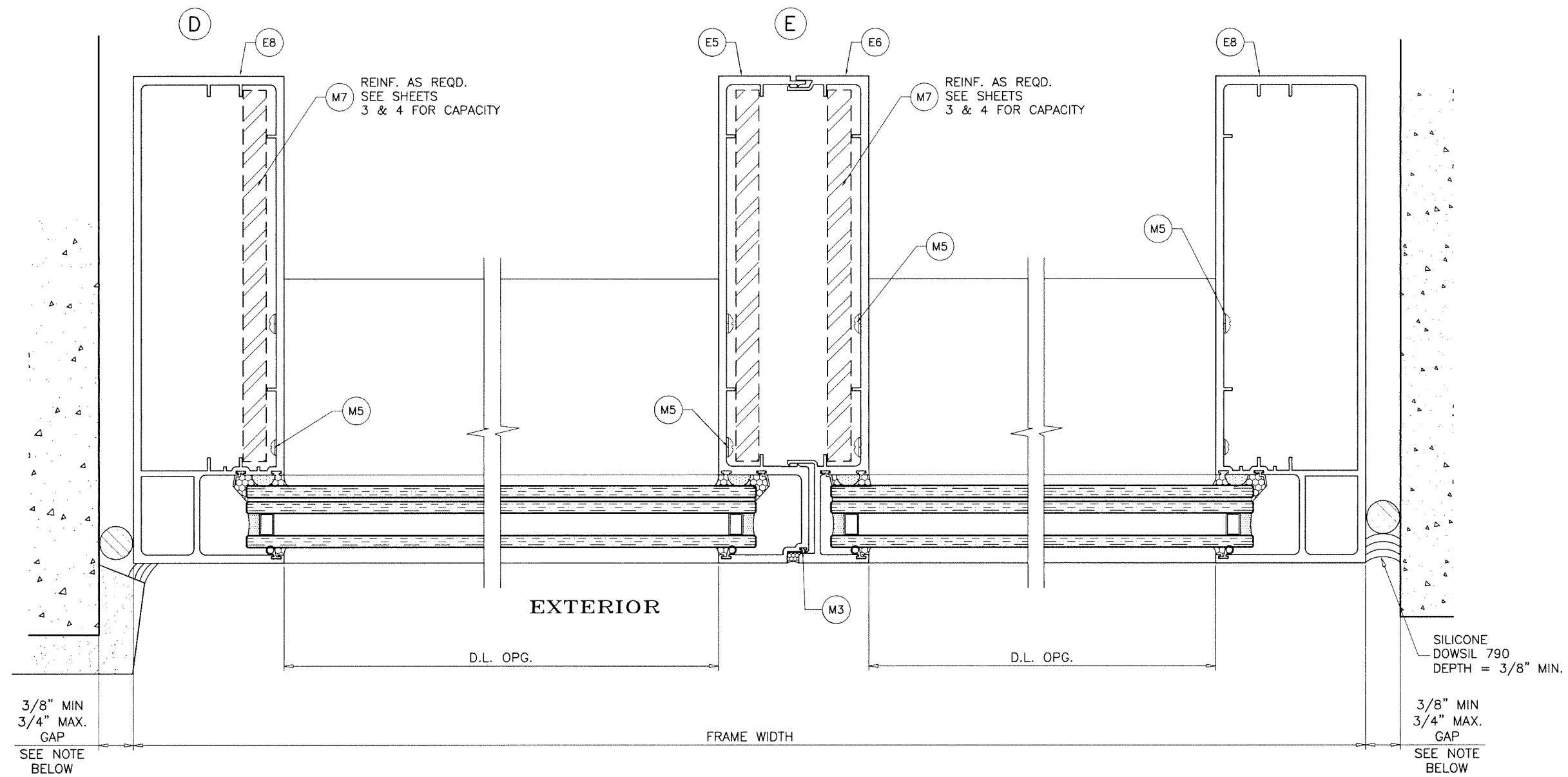
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24-98F
sheet 6 of 10

Revisions:	
no	by description

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dr. by: TARIQ	chk. by:

drawing no.
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sheet 7 of 10



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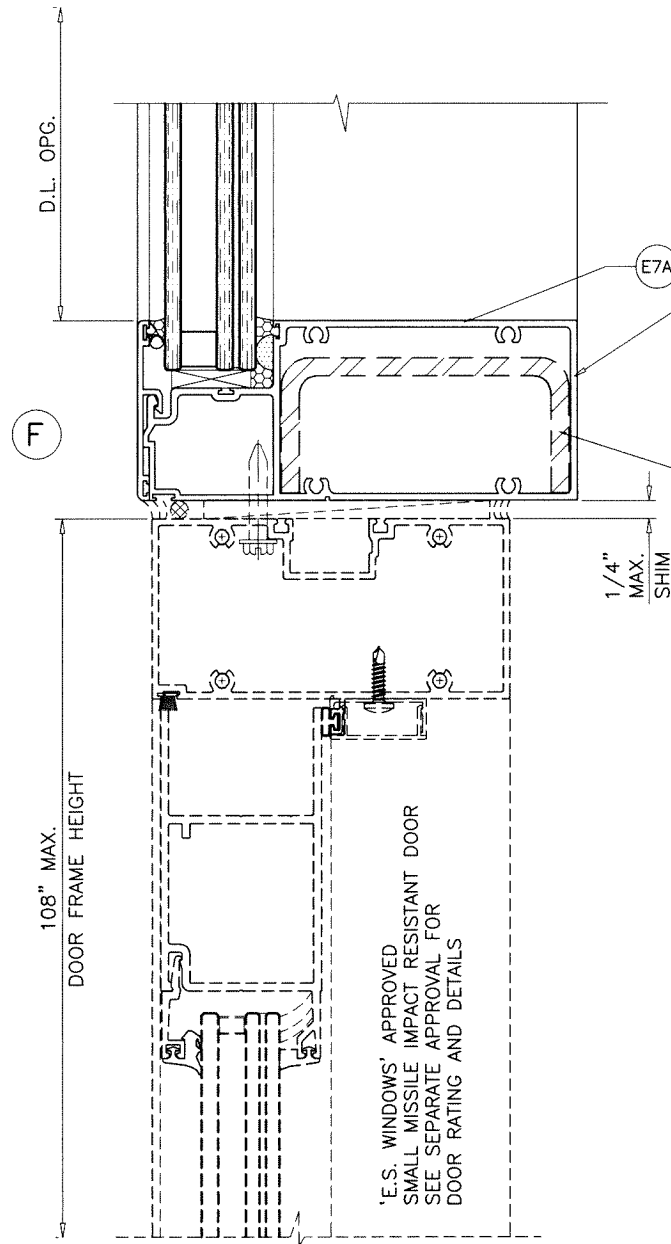
NOTE:
 MAX. MOVEMENT CONSIDERED=100% STRETCH.
 PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION
 MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL
 MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
 REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

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.

FL #18410

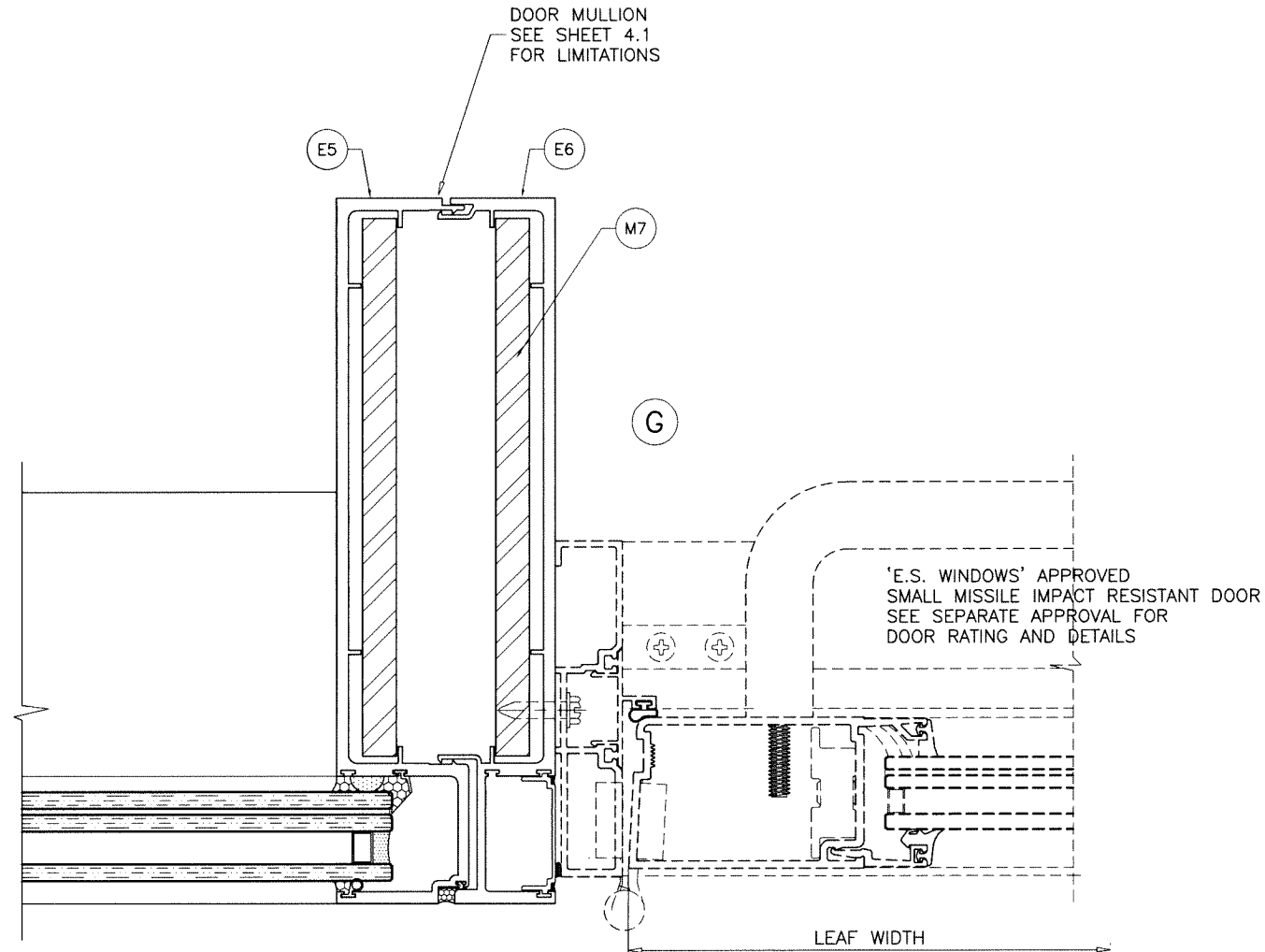
EXTERIOR



LIMIT MAX. DESIGN LOADS FOR HORIZONTAL AS FOLLOWS

HORIZ. SPAN MAX.	LOAD CAPACITY - PSF	
	W/O REINF.	WITH REINF.
66"	110.0	135.0
78"	98.0	135.0
90"	69.1	135.0
96"	-	128.3

REINF. AS REQD. SEE CHART ABOVE FOR CAPACITY



SEE SEPARATE APPROVAL FOR DESIGN LOAD CAPACITY OF 'E.S. WINDOWS' DOORS AND DOOR ANCHORS.

LOWER VALUES FROM DOORS APPROVAL OR WINDOWALL SYSTEM CAPACITY CHARTS WILL APPLY TO ENTIRE SYSTEM.

(MAX. Dp WITH DOOR = ±90.0 PSF)

EXTERIOR Sealed: 8/22/2025



FL #18410

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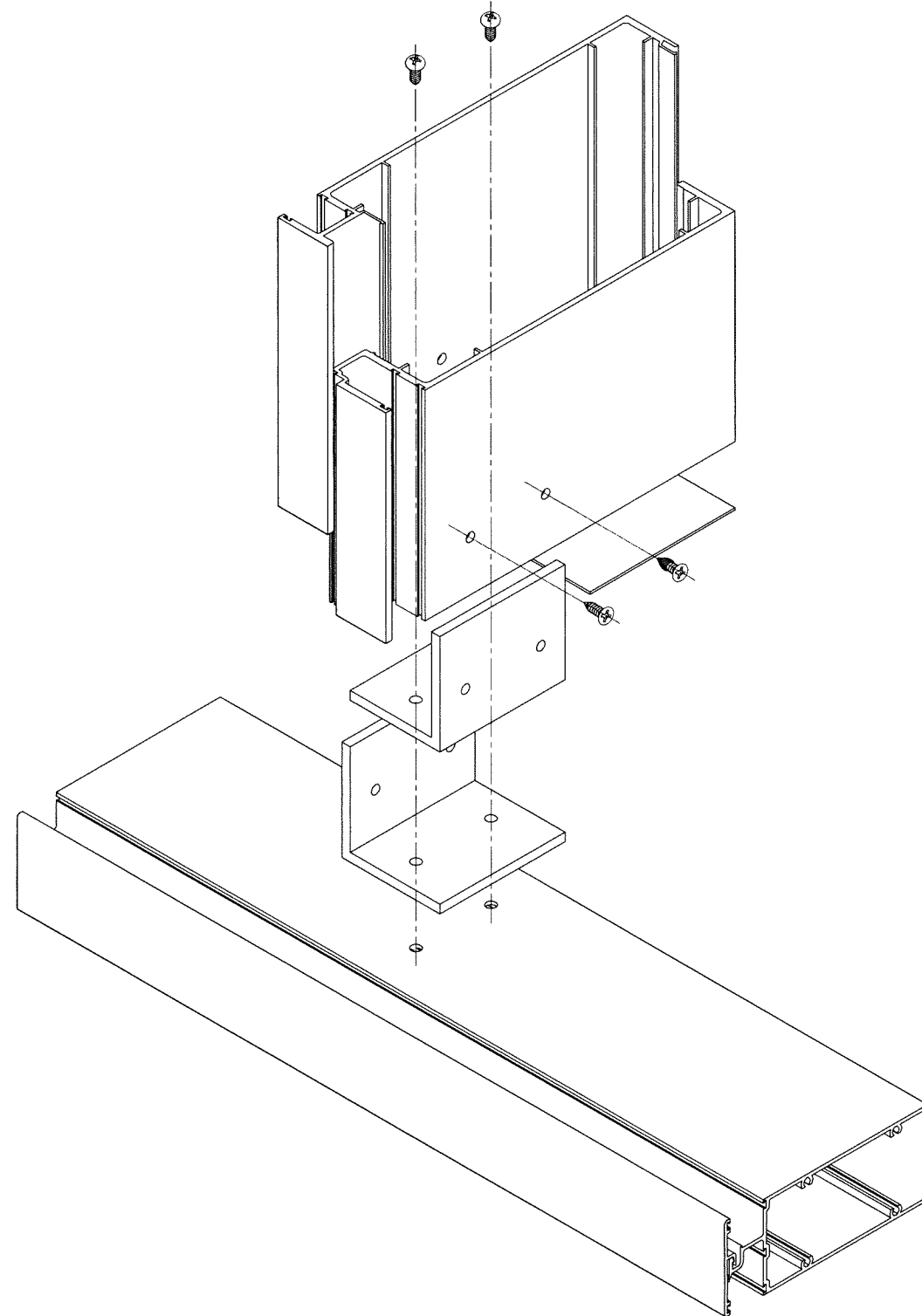
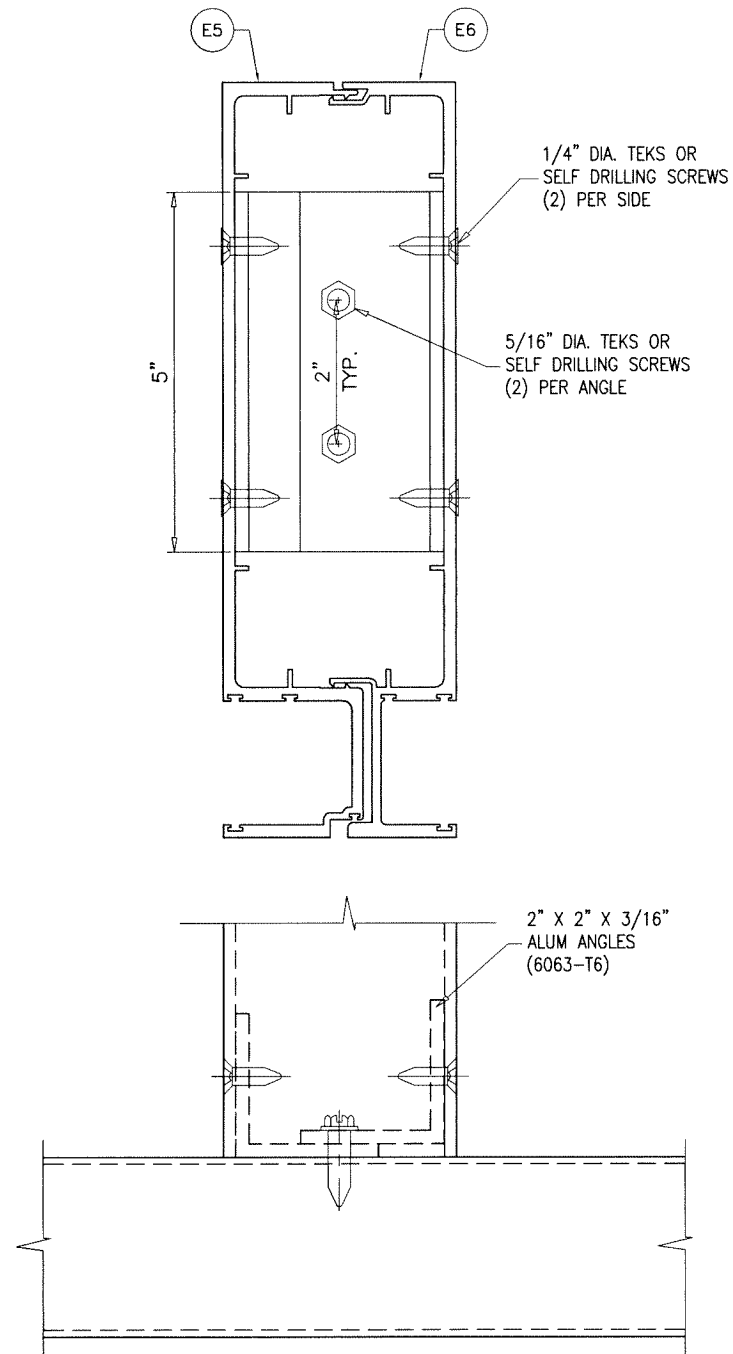
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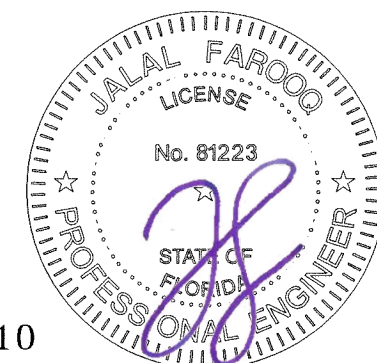
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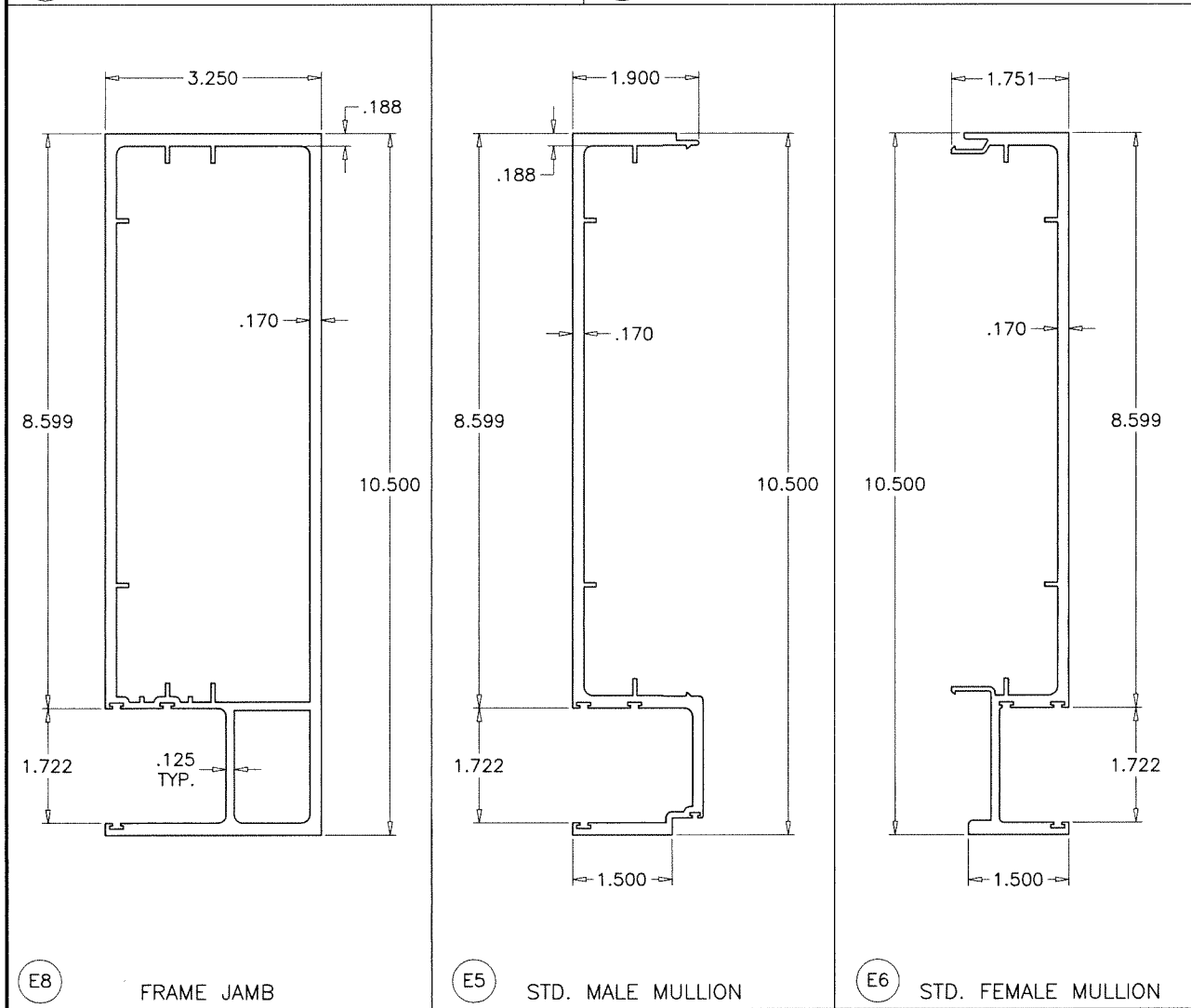
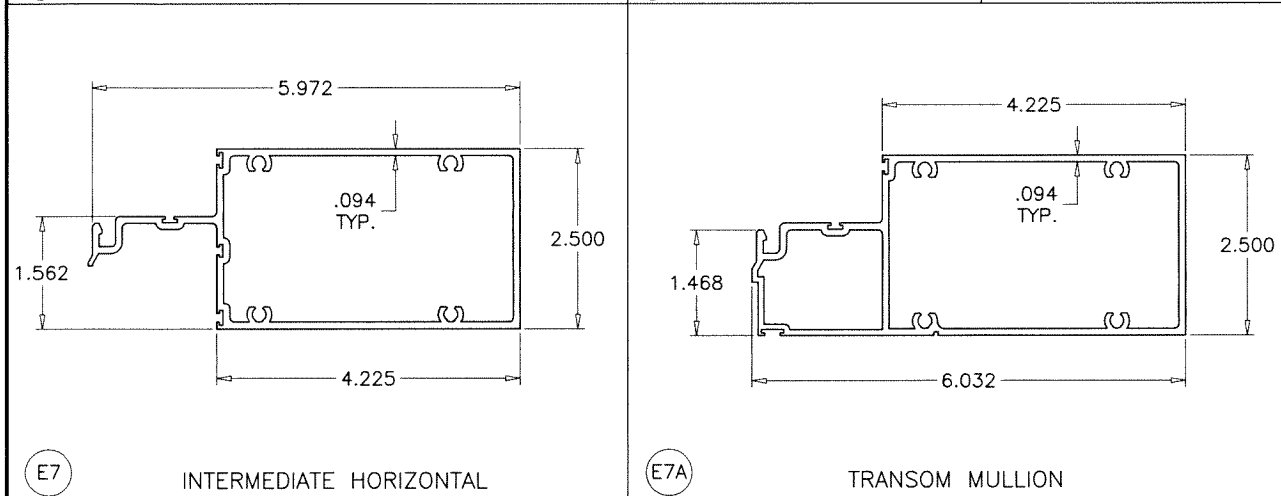
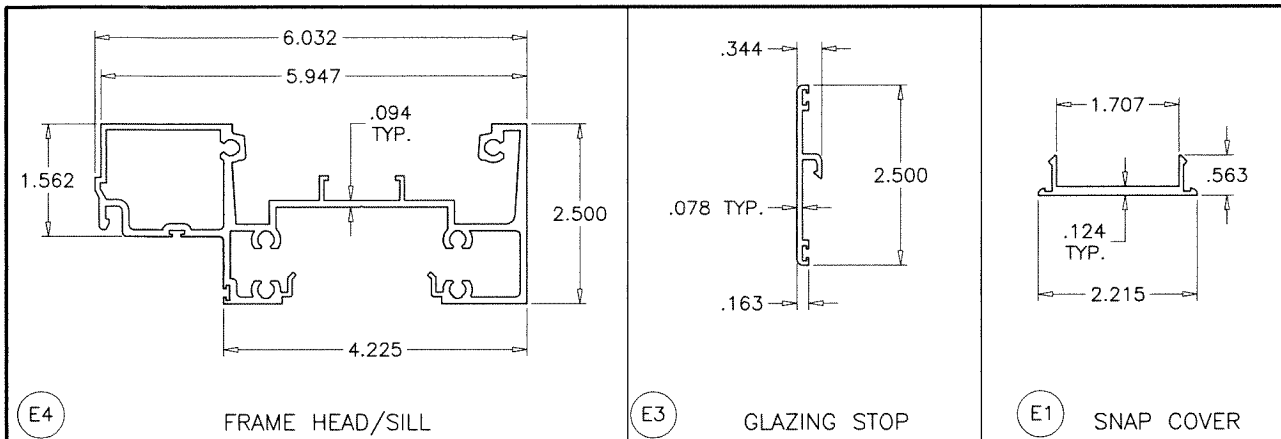
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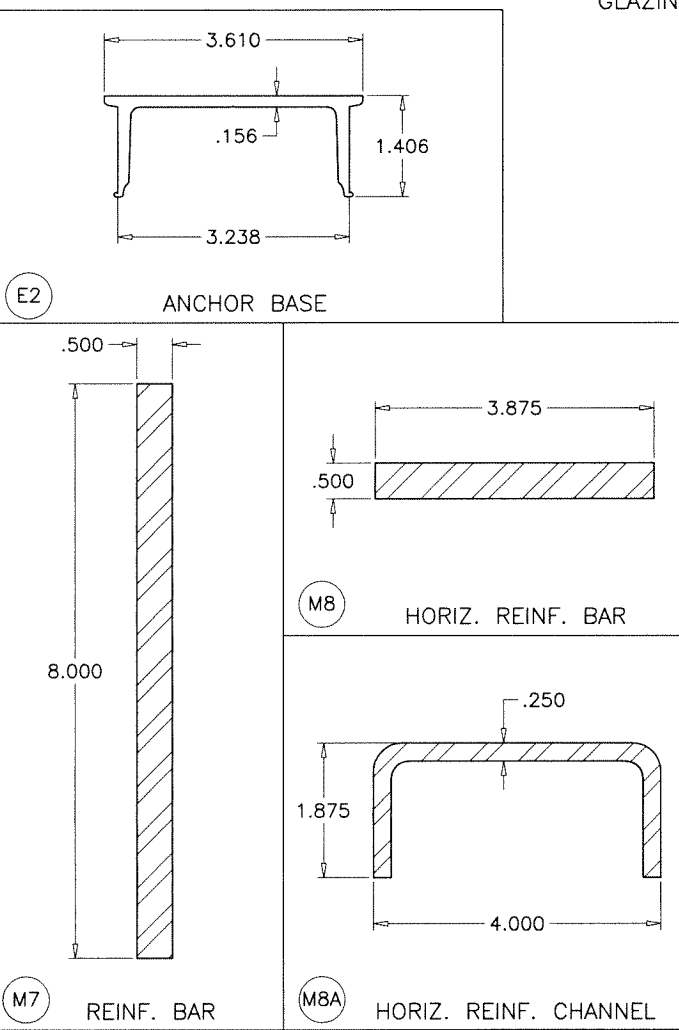
drawing no.	sheet 8.1 of 10
24-98F	



ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	ES-7003A	AS REQD.	SNAP COVER	6063-T5	-
E2	ES-7004	AS REQD.	ANCHOR BASE (SEE SHEET 5 FOR LENGTHS)	6005-T5	-
E3	ES-7006	AS REQD.	GLAZING STOP	6063-T6	-
E4	ES-7021-I	AS REQD.	FRAME HEAD/SILL	6005-T5	-
E5	ES-WW1032-053	AS REQD.	STD. MALE MULLION	6005-T5	-
E6	ES-WW1032-052	AS REQD.	STD. FEMALE MULLION	6005-T5	-
E7	ES-7022	AS REQD.	INTERMEDIATE HORIZONTAL	6005-T5	-
E7A	ES-7027	AS REQD.	TRANSOM MULLION	6005-T5	-
E8	ES-WW1032-054	AS REQD.	FRAME JAMB	6005-T5	-
E9	ALU-P-020	AS REQD.	SILL LEVELER (1" X 1")	6063-T6	-
M1	ES7000-G01A S	AS REQD.	EXTERIOR GLASS SEAL	SILICONE	DUROMETER 65±5 SHORE A
M2	ES7000-G02	AS REQD.	SILICONE DAM	SANTOPRENE	DUROMETER 65±5 SHORE A
M3	ES7000-G03	AS REQD.	SILICONE SEPARATOR	SANTOPRENE	DUROMETER 65±5 SHORE A
M4	3/8-16 X 2"	AS REQD.	LEVELING SCREW	ST/ST	HWH
M5	#12 X 1"	AS REQD.	FRAME ASSEMBLY SCREWS	ST/ST	PH SMS
M6	ES-8011A	AS REQD.	BUMPON SPACER	SILICONE	DUROMETER 80±5 SHORE A
M7	-	AS REQD.	JAMB/MULLION REINF. BAR	STEEL	A36, Fu MIN. 58 KSI
M8	-	AS REQD.	HORIZONTAL REINF. BAR	STEEL	A36, Fu MIN. 58 KSI
M8A	-	AS REQD.	HORIZONTAL REINF. CHANNEL	STEEL	A36, Fu MIN. 58 KSI
M9	ES-7530	2/ LITE	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
M10	80-372A	2/ LITE	SIDE BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A

SEALANTS:

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



Sealed: 8/22/2025

FL #18410



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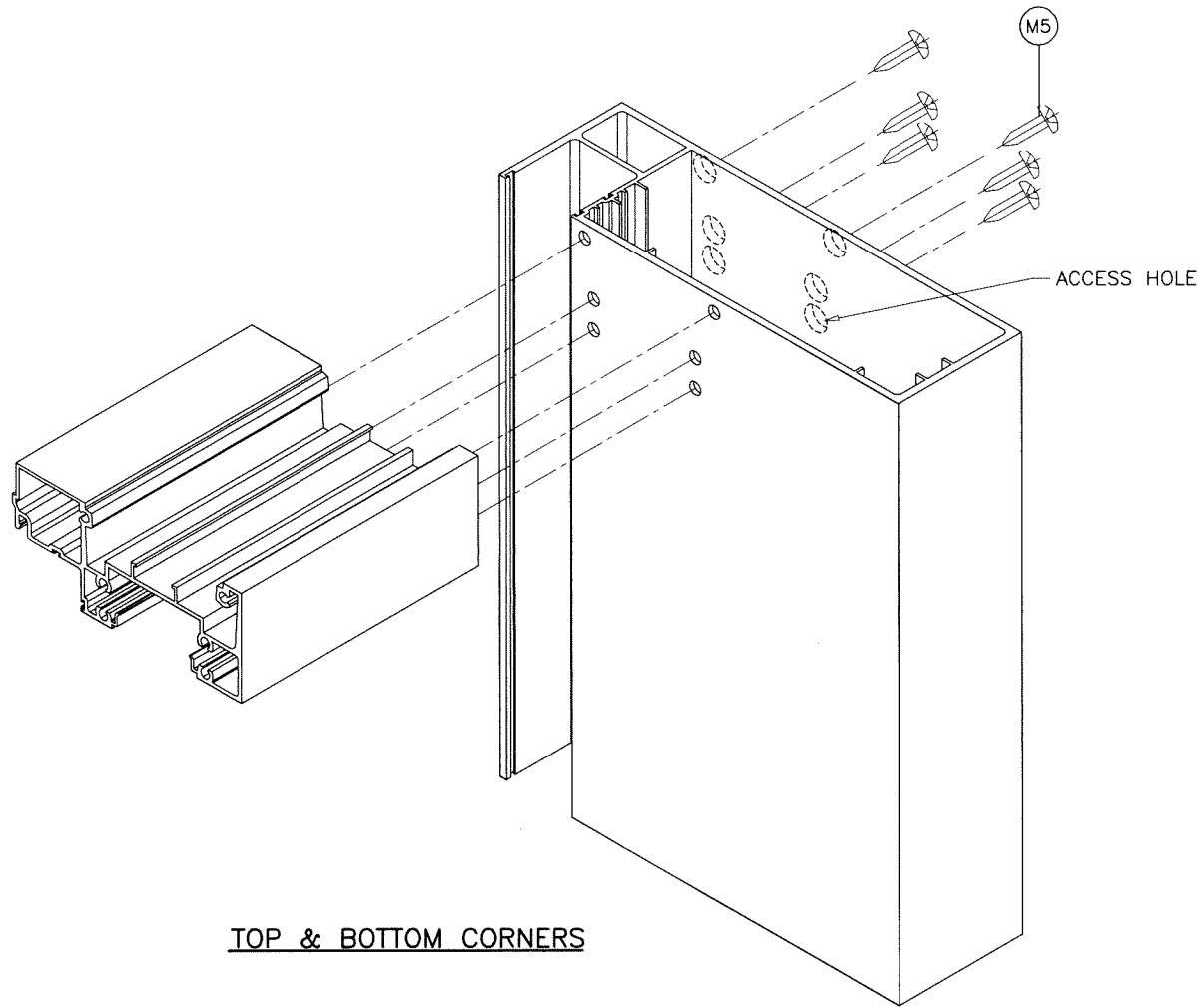
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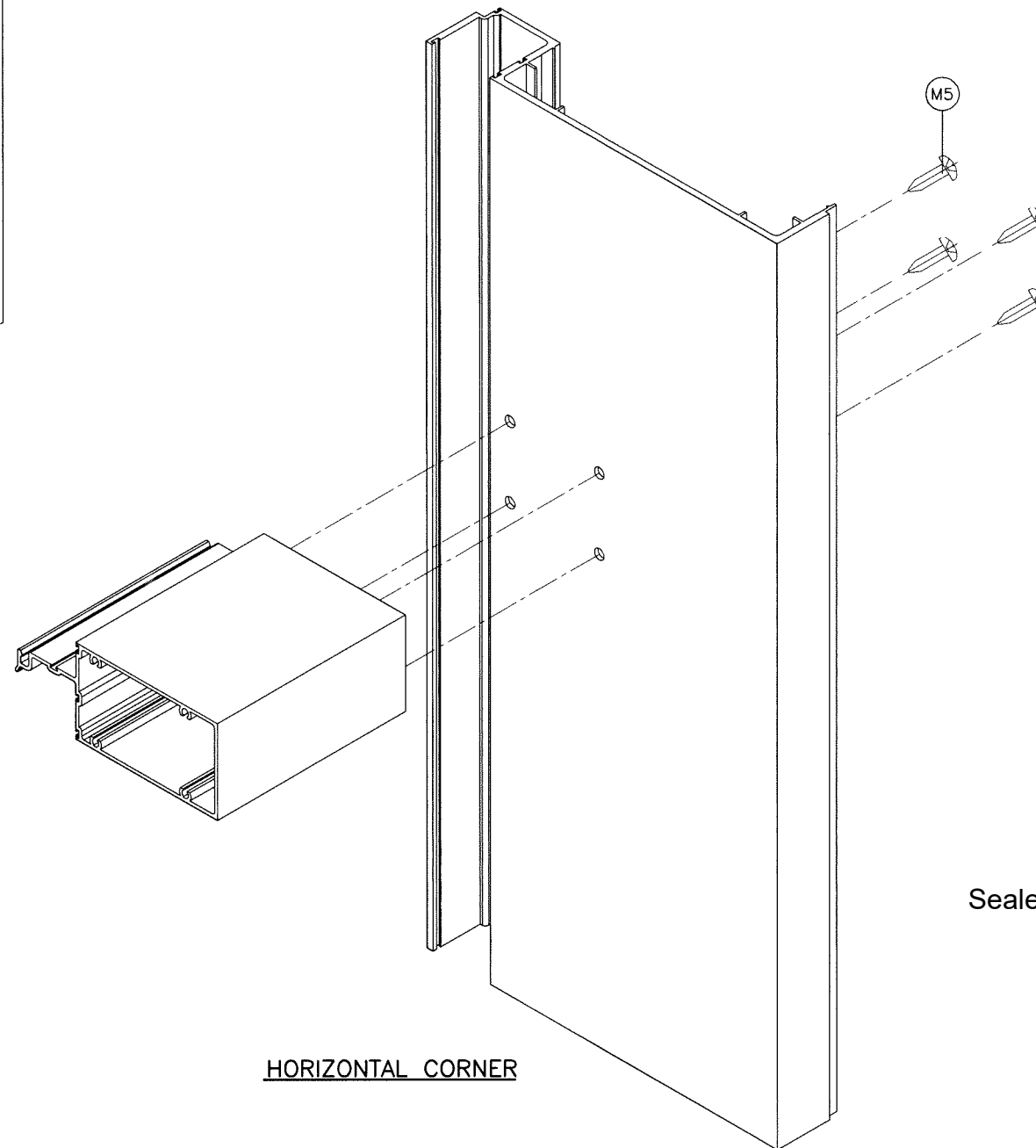
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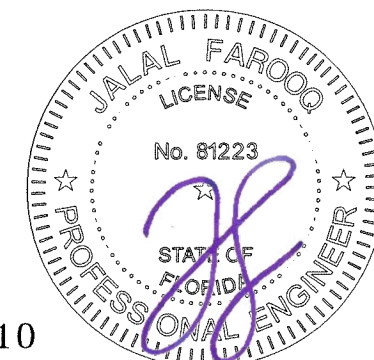


TOP & BOTTOM CORNERS



HORIZONTAL CORNER

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FL #18410

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24-98F
sheet 10 of 10