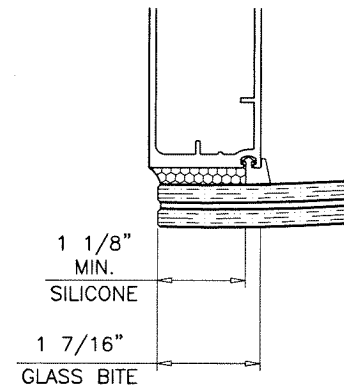
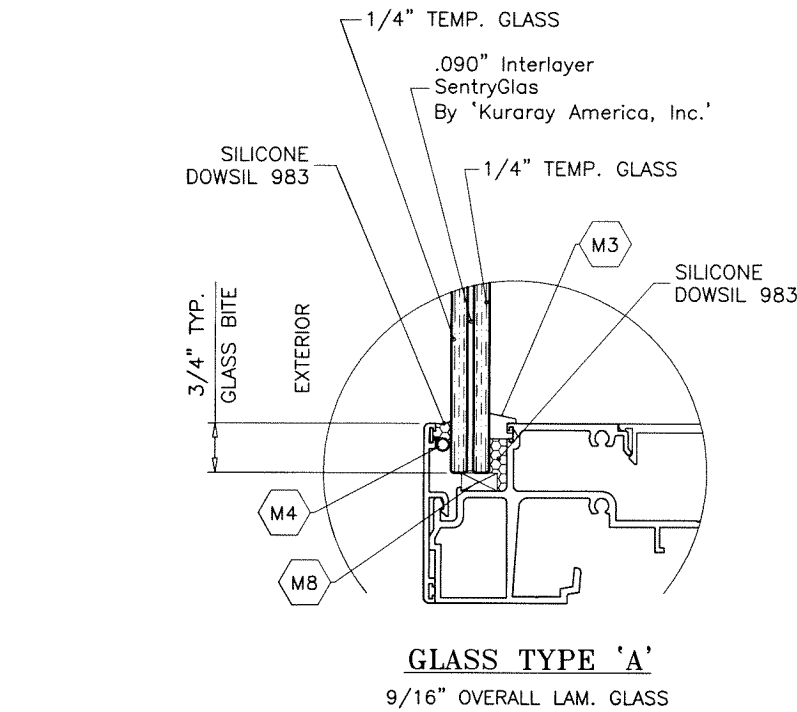
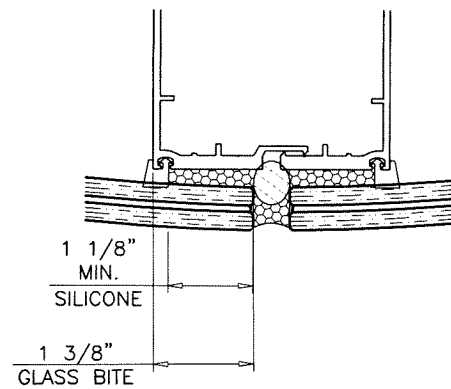
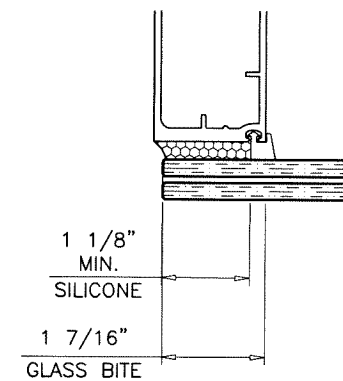
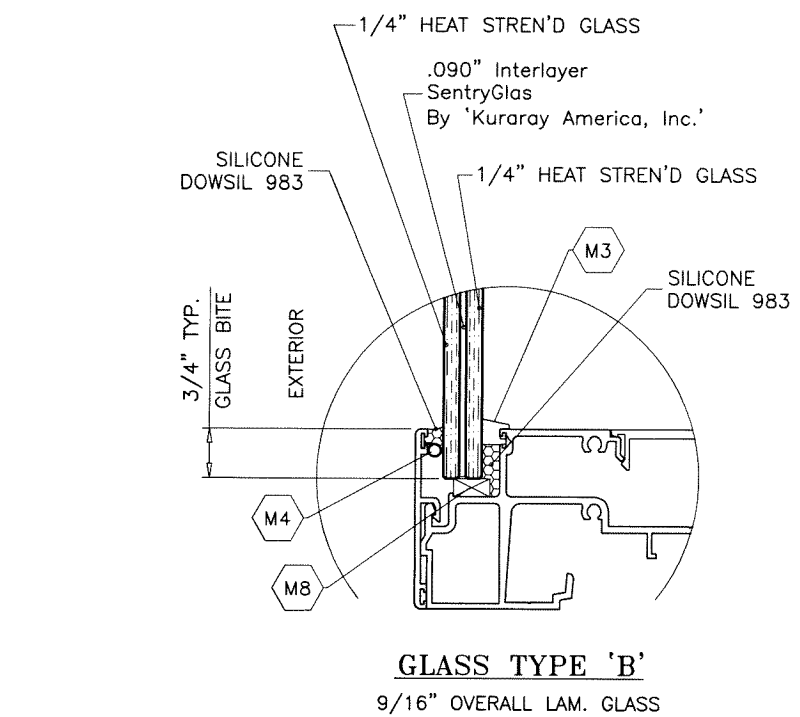




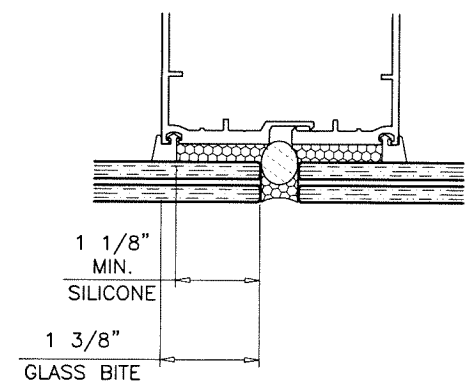
SSG JAMBS



SSG MULLIONS



SSG JAMBS



SSG MULLIONS

SERIES 7000 SSG ALUMINUM WINDOW WALL SYSTEM

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

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.

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1.

**LAMINATED GLASS
LARGE MISSILE IMPACT**

Sealed: 7/3/2025

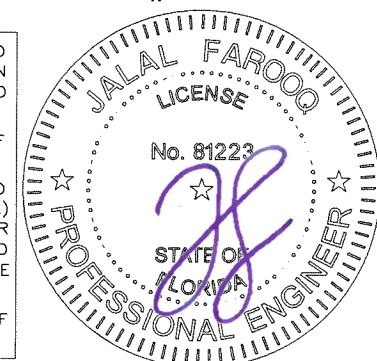
FL #22244

A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.

B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.

D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

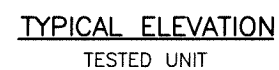
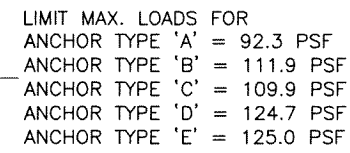


af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
STORE\25-58F-ES

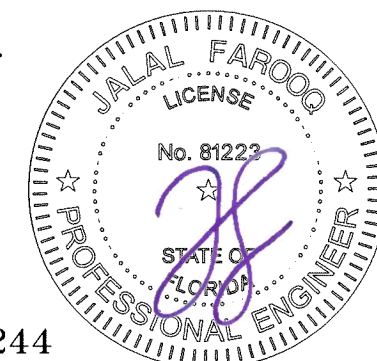
SERIES 7000 SSG ALUM WINDOW WALL SYSTEM (L.M.I.)

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

revisions:		no. date by description	
date:	06-10-25	scale:	1/2"=1'-0"
dr. by:	TARIQ	chk. by:	
drawing no.	25-58F		
sheet	1 of 5		



MAX. FRAME HEIGHT = 120 IN.
MAX. MULLION SPACING CL TO CL = 48 IN.
MAX. D.L. OPG. HEIGHT = 115 IN.
MAX. D.L. OPG. WIDTH = 44-5/8 IN.
MIN. SSG GLASS RADIUS = 94-3/4 IN.



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af c

FBPE #3538 STORE\25-58F-ES

SERIES 7000 SSG ALUM WINDOW WALL SYSTEM (L.M.I.)

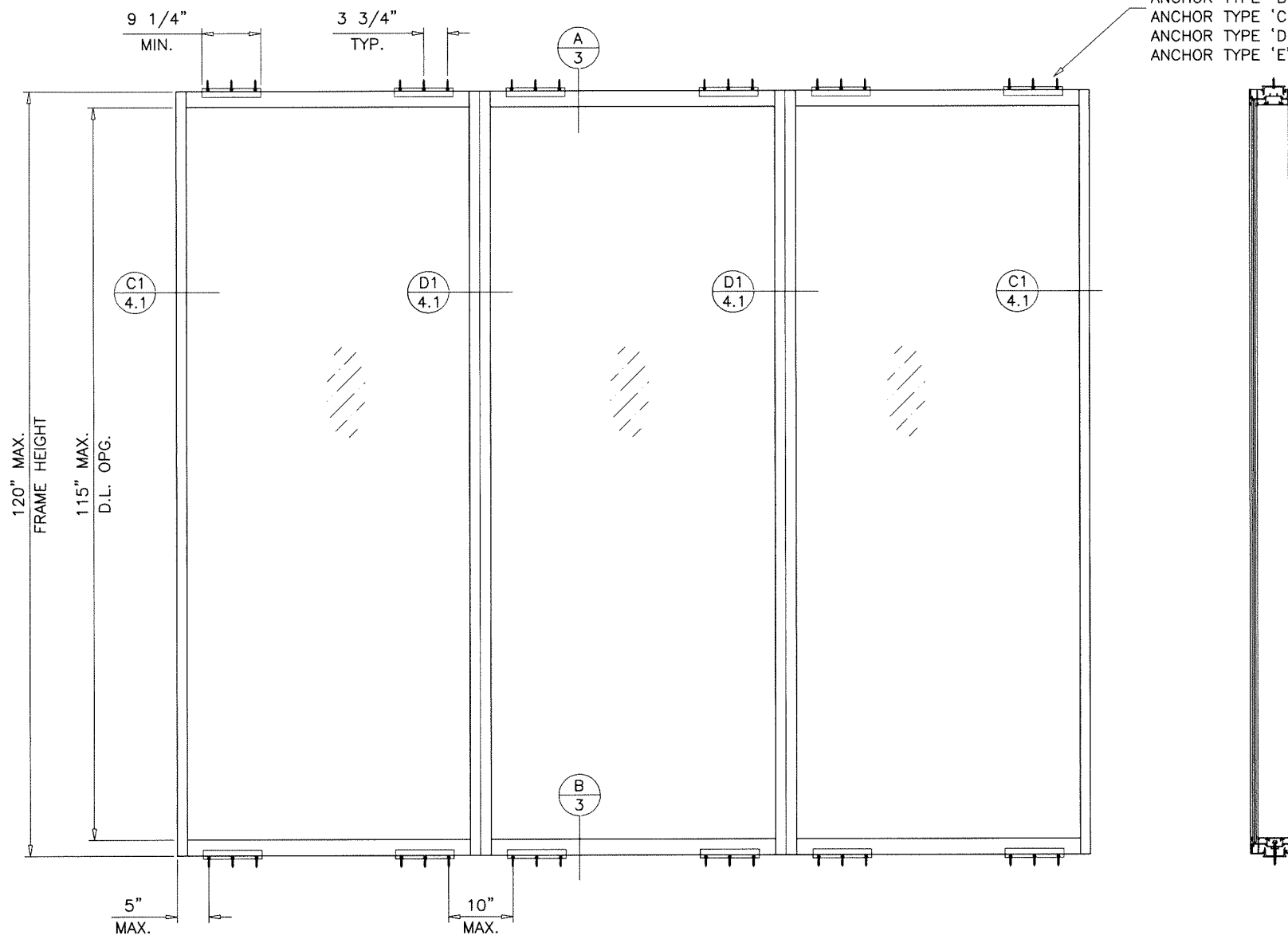
E.S. WINDOWS, LLC
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MIAMI, FL. 33142
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FAX. (305) 638-5158

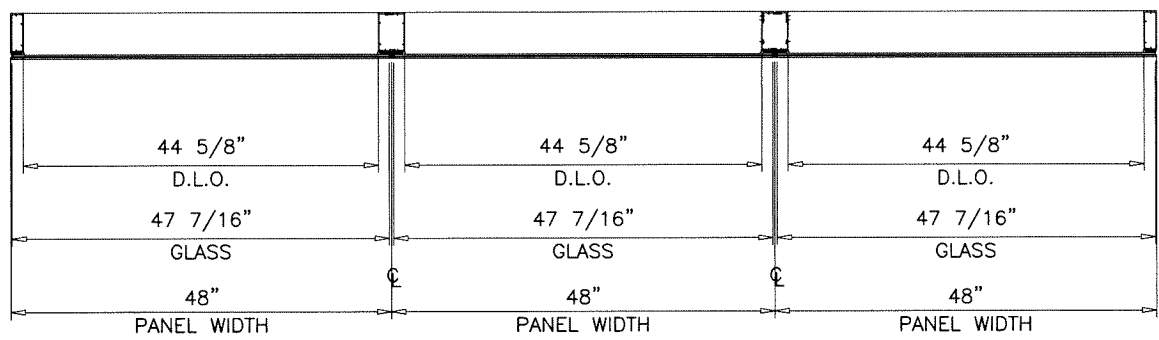
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chk. by:		

drawing no.
25-58F

sheet 2 of 5

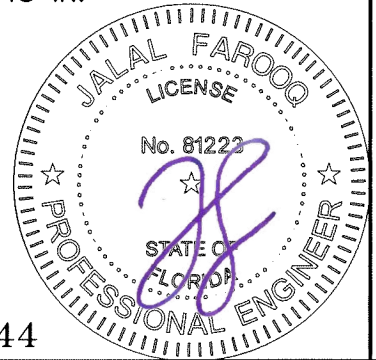


LIMIT MAX. LOADS FOR
 ANCHOR TYPE 'A' = 92.3 PSF
 ANCHOR TYPE 'B' = 111.9 PSF
 ANCHOR TYPE 'C' = 109.9 PSF
 ANCHOR TYPE 'D' = 124.7 PSF
 ANCHOR TYPE 'E' = 125.0 PSF



TYPICAL ELEVATION

APPROVAL APPLIES TO SINGLE LITE OR MULTIPLE LITES UNITS
 GLASS TYPE 'B' ONLY
 MAX. DESIGN LOAD = + 100.0 PSF
 - 125.0 PSF
 MAX. FRAME HEIGHT = 120 IN.
 MAX. MULLION SPACING CL TO CL = 48 IN.
 MAX. D.L. OPG. HEIGHT = 115 IN.
 MAX. D.L. OPG. WIDTH = 44-5/8 IN.



Sealed: 7/3/2025

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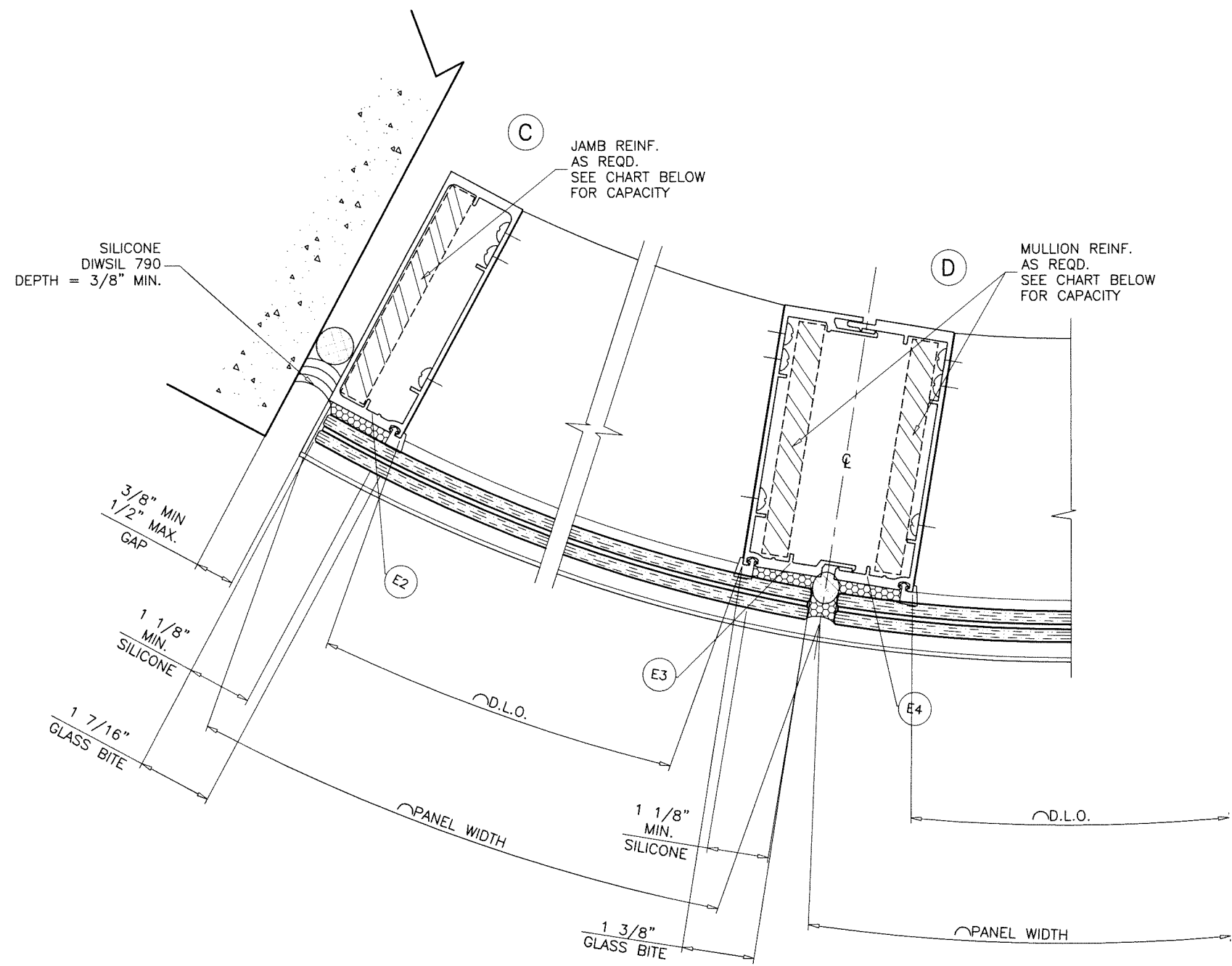
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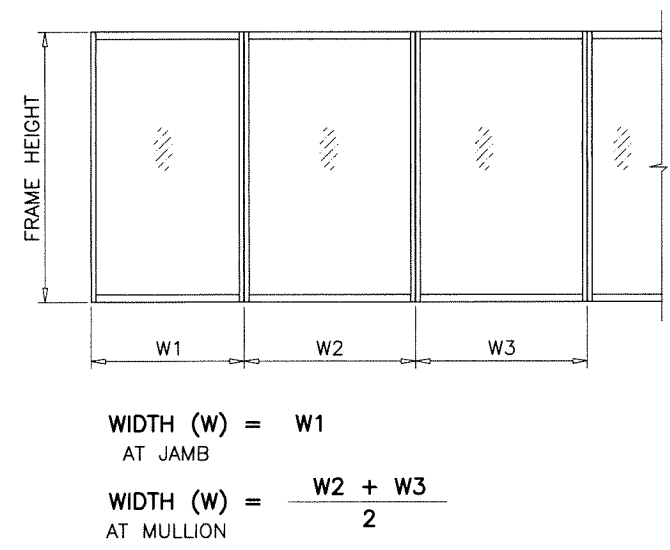
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no	date by description

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 scale: 1/2"=1'-0"
 dr. by: TARIQ
 chk. by:

drawing no.
25-58F
 sheet 2.1 of 5



JAMB & MULLION DESIGN LOAD CAPACITY - PSF											
NOMINAL DIMS.		JAMB WITHOUT REINF.		JAMB WITH (1) STEEL BAR		MULLION WITHOUT REINF.		MULLION WITH (1) STEEL BAR		MULLION WITH (2) STEEL BARS	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36"	102"	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
42"		100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
48"		100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
36"	108"	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
42"		100.0	124.5	100.0	125.0	100.0	117.0	100.0	125.0	100.0	125.0
48"		100.0	111.1	100.0	125.0	100.0	104.4	100.0	125.0	100.0	125.0
36"	114"	100.0	120.9	100.0	125.0	100.0	113.6	100.0	125.0	100.0	125.0
42"		100.0	105.2	100.0	125.0	98.8	98.8	100.0	125.0	100.0	125.0
48"		93.7	93.7	100.0	125.0	88.0	88.0	100.0	125.0	100.0	125.0
36"	120"	100.0	103.3	100.0	125.0	97.0	97.0	100.0	125.0	100.0	125.0
42"		89.7	89.7	100.0	125.0	84.3	84.3	100.0	125.0	100.0	125.0
48"		79.7	79.7	100.0	125.0	74.9	74.9	100.0	119.3	100.0	125.0



Sealed: 7/3/2025

FL #22244



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FBPE #3538

SERIES 7000 SSG ALUM WINDOW WALL SYSTEM (L.M.I.)

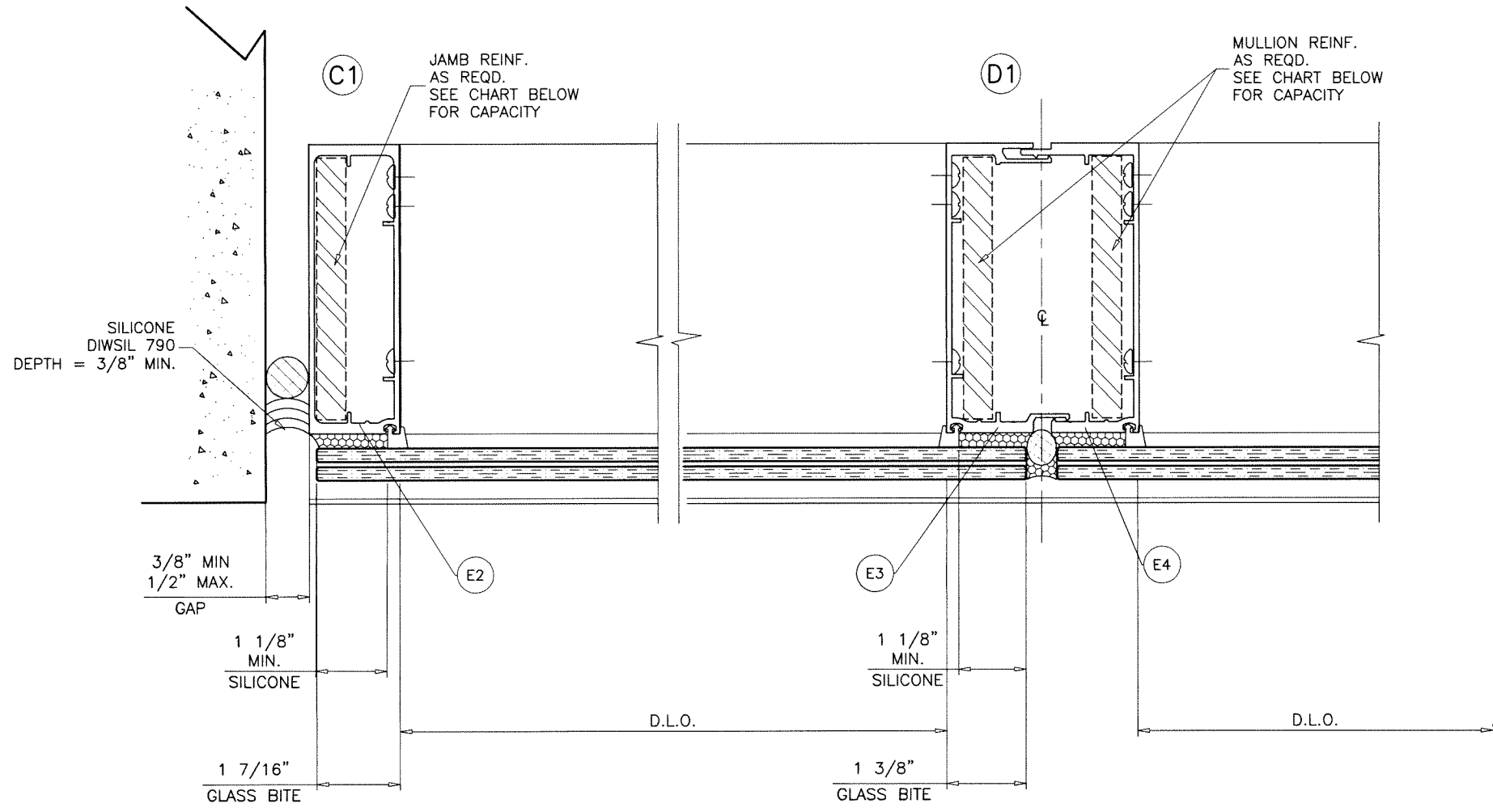
E.S. WINDOWS, LLC
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revisions:

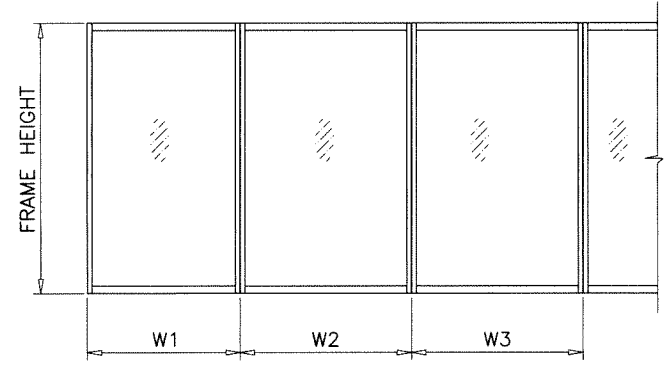
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scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
25-58F
sheet 4 of 5



JAMB & MULLION DESIGN LOAD CAPACITY - PSF											
NOMINAL DIMS.		JAMB WITHOUT REINF.		JAMB WITH (1) STEEL BAR		MULLION WITHOUT REINF.		MULLION WITH (1) STEEL BAR		MULLION WITH (2) STEEL BARS	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36"	102"	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
42"		100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
48"		100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
36"	108"	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
42"		100.0	124.5	100.0	125.0	100.0	117.0	100.0	125.0	100.0	125.0
48"		100.0	111.1	100.0	125.0	100.0	104.4	100.0	125.0	100.0	125.0
36"	114"	100.0	120.9	100.0	125.0	100.0	113.6	100.0	125.0	100.0	125.0
42"		100.0	105.2	100.0	125.0	98.8	98.8	100.0	125.0	100.0	125.0
48"		93.7	93.7	100.0	125.0	88.0	88.0	100.0	125.0	100.0	125.0
36"	120"	100.0	103.3	100.0	125.0	97.0	97.0	100.0	125.0	100.0	125.0
42"		89.7	89.7	100.0	125.0	84.3	84.3	100.0	125.0	100.0	125.0
48"		79.7	79.7	100.0	125.0	74.9	74.9	100.0	119.3	100.0	125.0

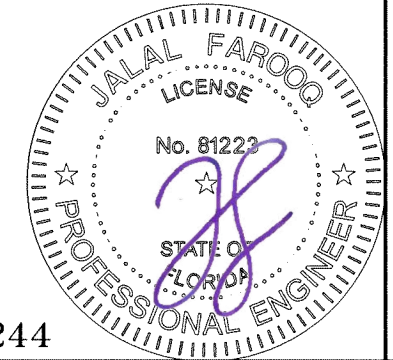


WIDTH (W) = W1
AT JAMB

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

Sealed: 7/3/2025

FL #22244



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revisions:

no	date	description

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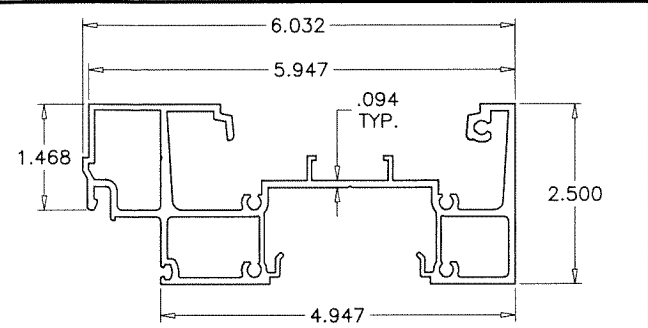
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dr. by: TARIQ

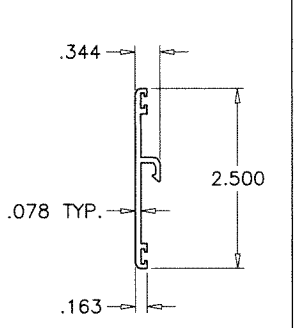
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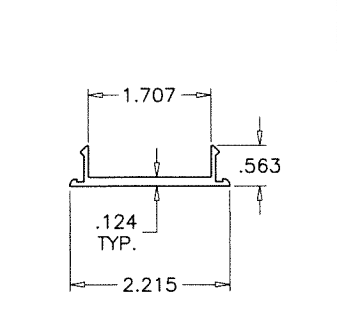
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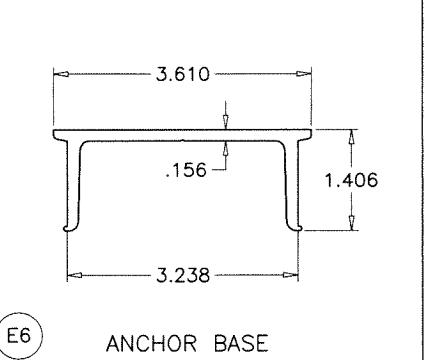
E1 FRAME HEAD/SILL



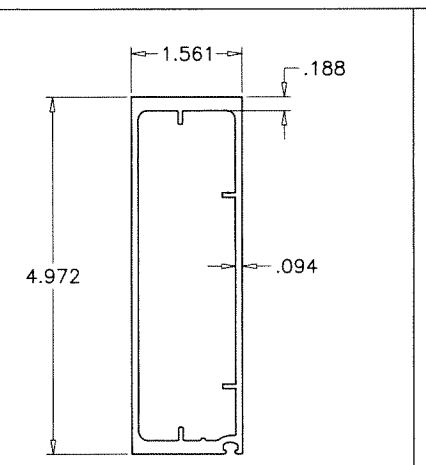
E7 GLAZING STOP



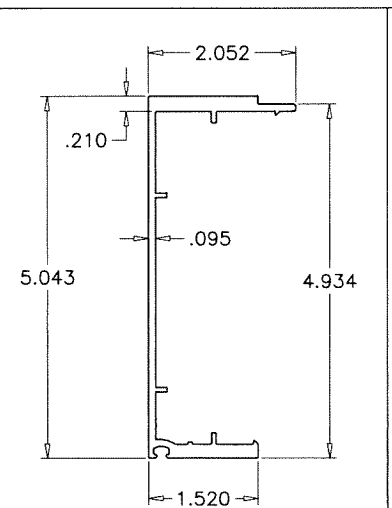
E5 SNAP COVER



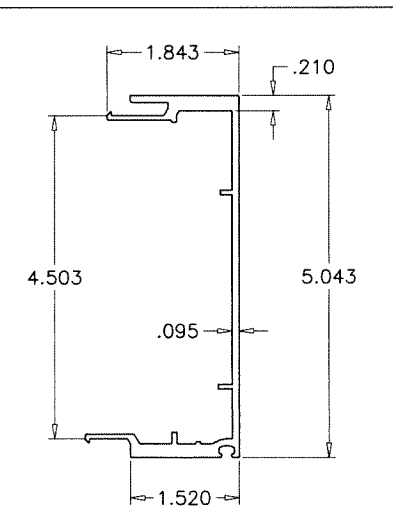
E6 ANCHOR BASE



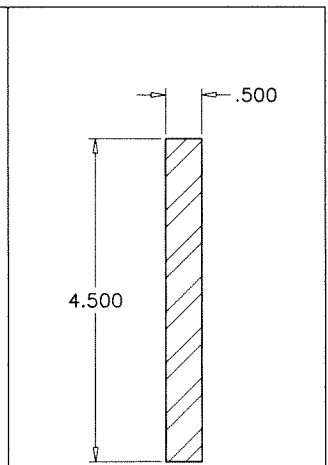
E2 FRAME JAMB



E4 MALE MULLION



E3 FEMALE MULLION

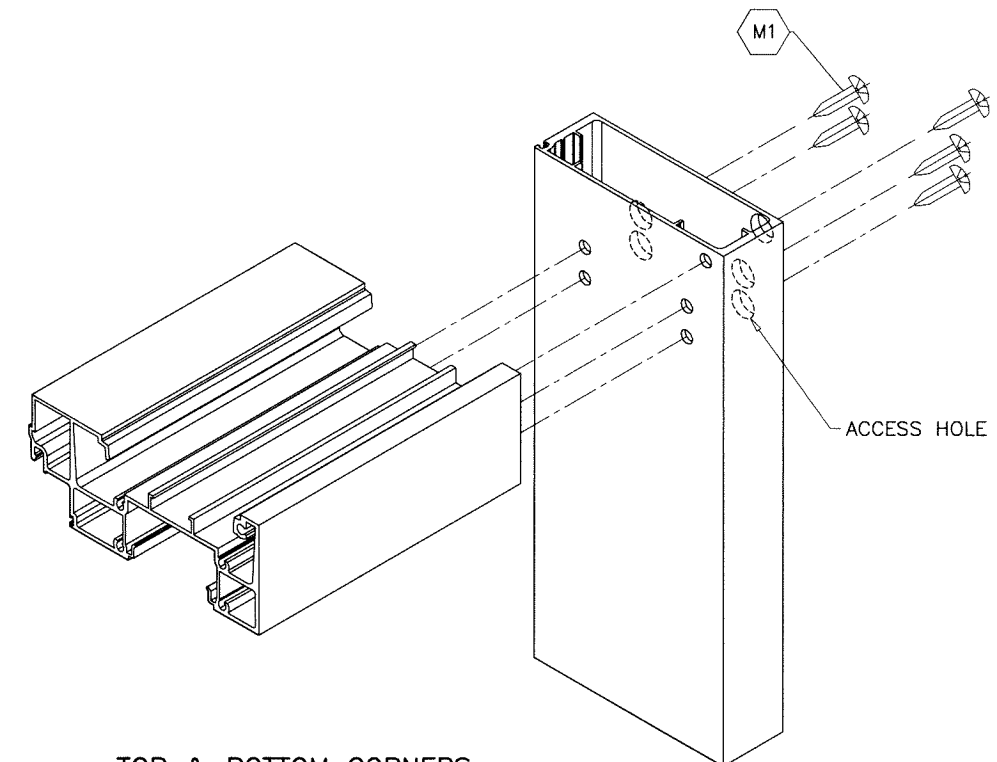


M6 REINF. BAR

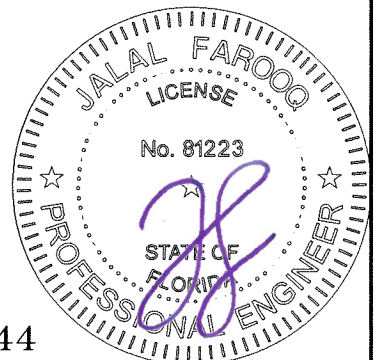
ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	ES-7000-059	AS REQD.	FRAME HEAD/SILL	6063-T6	-
E2	ES-7000-060	AS REQD.	FRAME JAMB	6005-T5	-
E3	ES-7000-061	AS REQD.	FEMALE MULLION	6005-T5	-
E4	ES-7000-062	AS REQD.	MALE MULLION	6005-T5	-
E5	ES-7003A	AS REQD.	SNAP COVER	6063-T5	-
E6	ES-7004	AS REQD.	ANCHOR BASE, LENGTH AS REQD.	6005-T5	-
E7	ES-7006	AS REQD.	GLAZING STOP	6063-T6	-
E8	-	AS REQD.	1/4" X 1" BAR WITH 3/8" THREADED HOLE	6063-T6	-
M1	#12 X 1"	AS REQD.	FRAME ASSEMBLY SCREWS	ST. STEEL	PH SMS
M2	3/8" BOLT	AS REQD.	LEVELING SCREW	ST. STEEL	-
M3	ES-U3525-G08A	AS REQD.	INTERIOR WEDGE GASKET	SILICONE	DUROMETER 70±5 SHORE A
M4	ES-7000-G01A	AS REQD.	EXTERIOR BULB GASKET	SILICONE	DUROMETER 60±5 SHORE A
M6	-	AS REQD.	REINFORCING BAR	STEEL	A36, Fu MIN. = 58 KSI
M8	80-334A	2/ LITE	SETTING BLOCK (LAM. GLASS)	SILICONE	DUROMETER 80±5 SHORE A
-	-	-	-	-	-

SEALANTS:

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



TOP & BOTTOM CORNERS



Sealed: 7/3/2025

FL #22244

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sheet 5 of 5