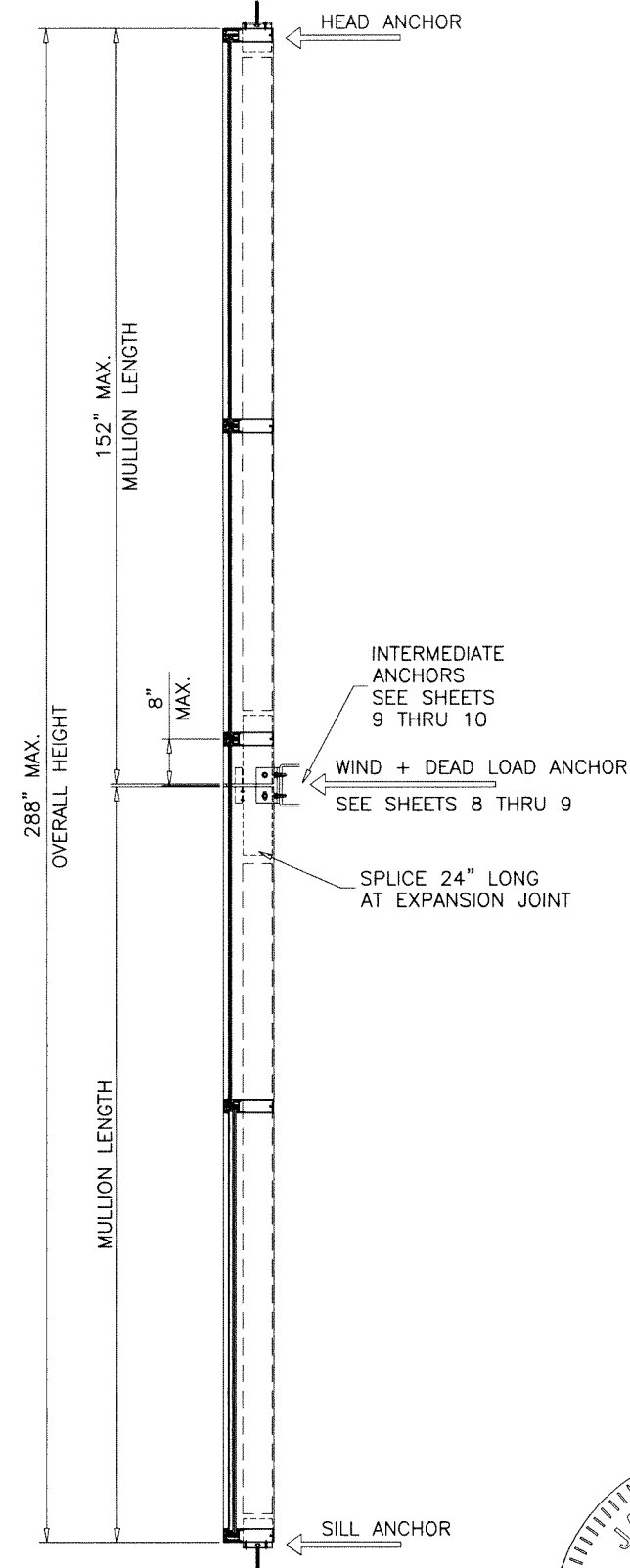
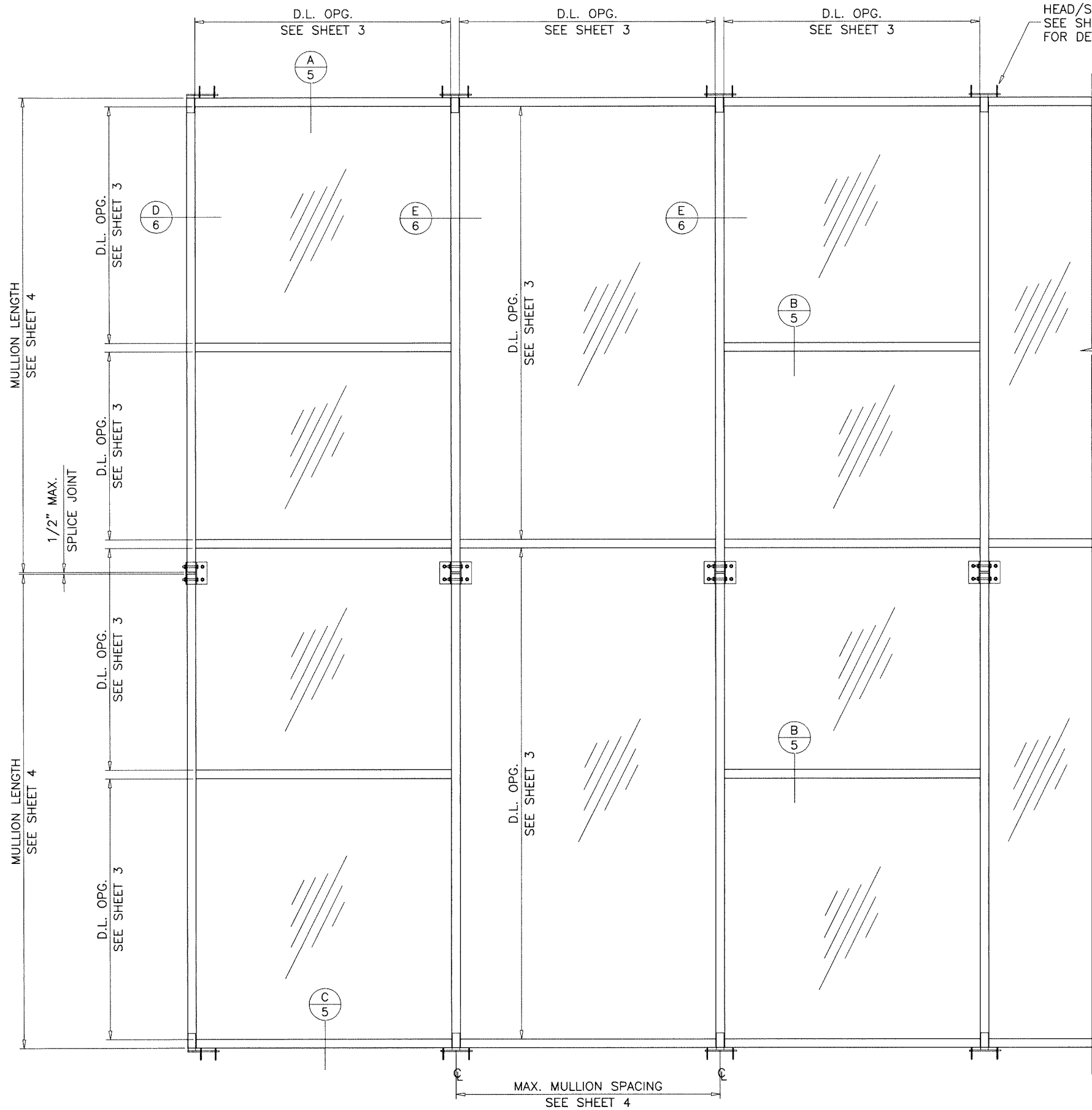
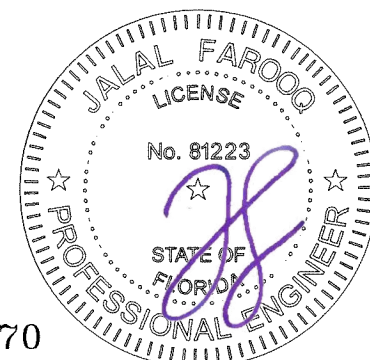


sheet 1 of 11



TYPICAL ELEVATION
TWIN SPANS

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FWS-60 ALUMINUM HURRICANE CURTAIN WALL SYS. (L.M.I.)

Simpas SA
Ampelia
Ioannina, 455 00, Greece
Tel. (265) 109-2177

revisions:		no		date		by		description	

date: 02-04-25
scale: 3/8"=1'-0"
dr. by: TARIQ
chk. by:
drawing no.
25-25F
sheet 2 of 11

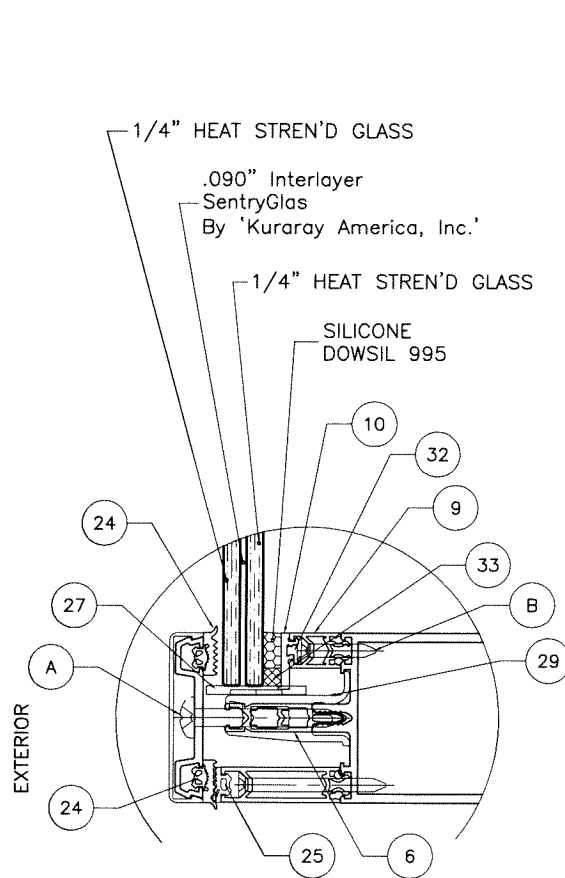
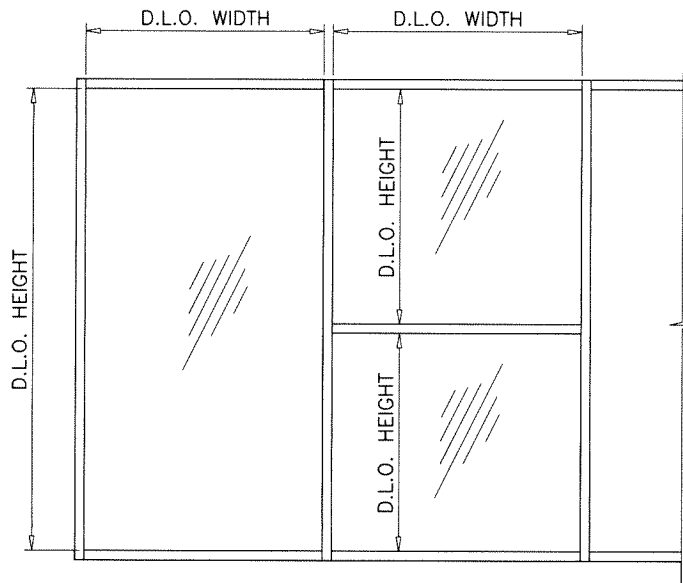
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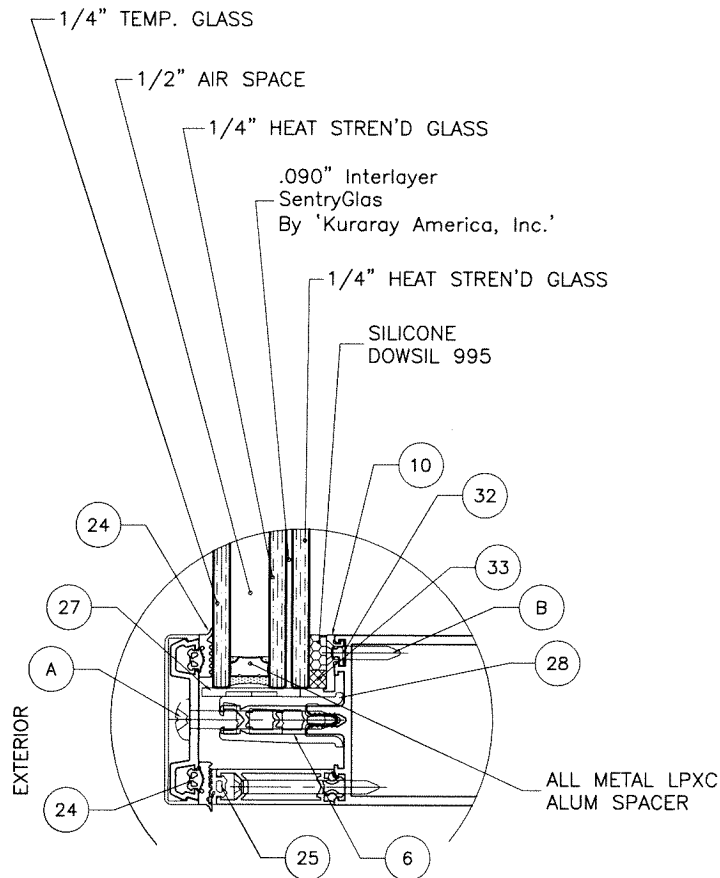
FL #47370

GLASS DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		GLASS TYPES 'A' & 'Ai'	
D.L.O. WIDTH	D.L.O. HEIGHT	EXT.(+)	INT.(-)
55-1/4"	115-1/4"	50.0	50.0
61-1/4"		50.0	50.0
67-1/4"		50.0	50.0
73-1/4"		46.2	46.2
79-1/4"		42.9	42.9
55-1/4"	121-1/4"	50.0	50.0
61-1/4"		50.0	50.0
67-1/4"		50.0	50.0
73-1/4"		46.2	46.2
55-1/4"		50.0	50.0
61-1/4"	127-1/4"	50.0	50.0
67-1/4"		50.0	50.0
73-1/4"		50.0	50.0
55-1/4"		46.2	46.2
55-1/4"		50.0	50.0
61-1/4"	133-1/4"	50.0	50.0
67-1/4"		50.0	50.0
55-1/4"		50.0	50.0
61-1/4"	139-1/4"	50.0	50.0
67-1/4"		50.0	50.0
55-1/4"		50.0	50.0
61-1/4"	147-1/4"	50.0	50.0
63-1/4"		50.0	50.0
63-1/4"		50.0	50.0

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



GLASS TYPE 'A'
9/16" OVERALL NOMINAL THK.



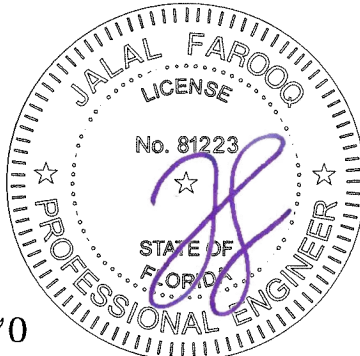
GLASS TYPE 'Ai'
1-5/16" OVERALL NOMINAL THK.

GLAZING OPTIONS

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

Sealed: 4/29/2025

FL #47370



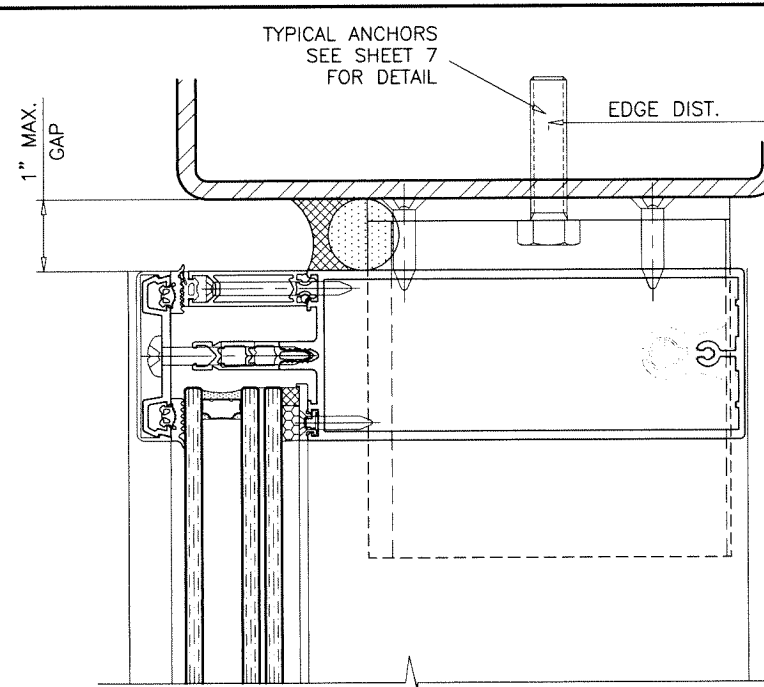
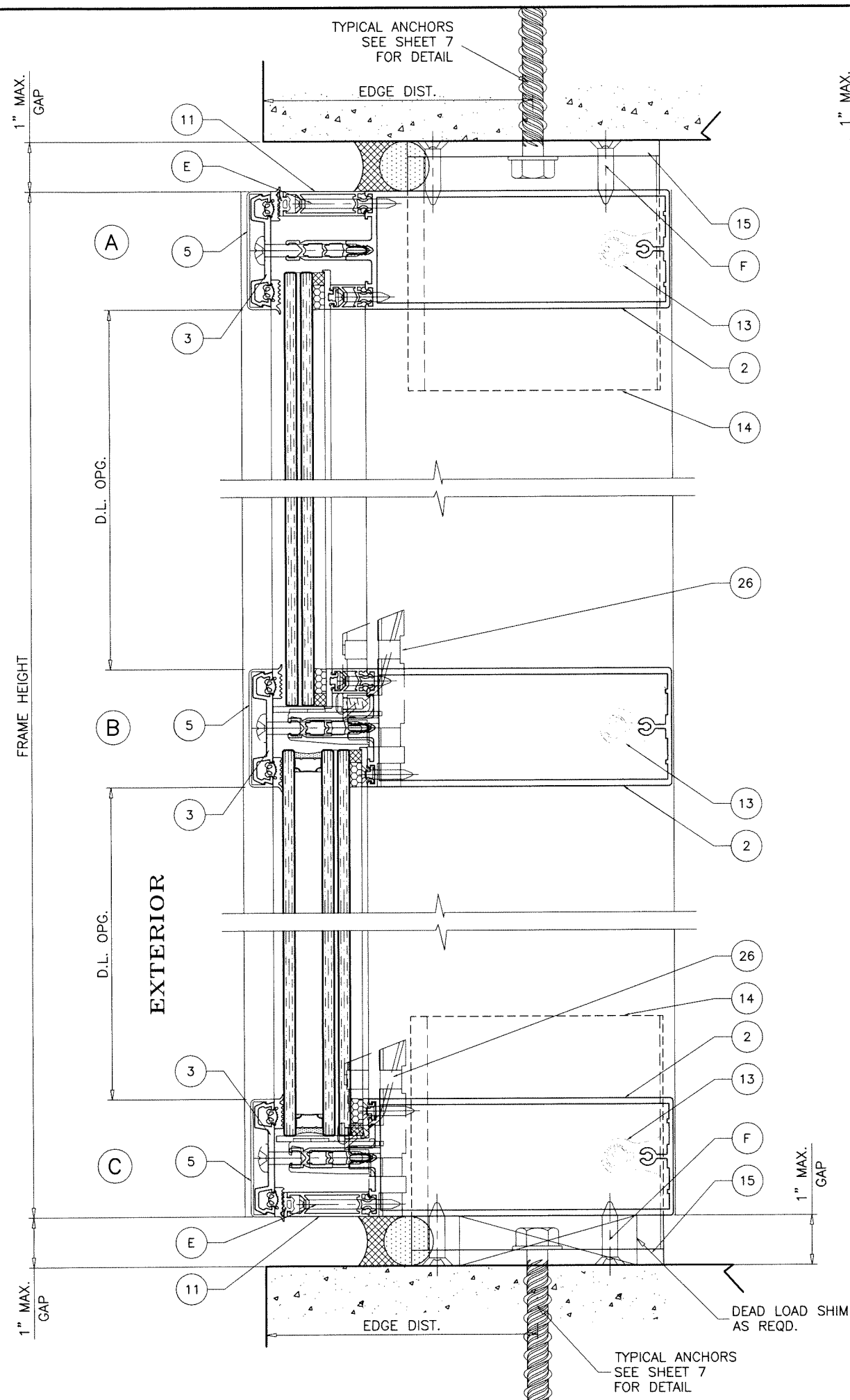
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FWS-60 ALUMINUM HURRICANE CURTAIN WALL SYS. (L.M.I.)

Simpas SA
Ampelia
Ioannina, 455 00, Greece
Tel. (265) 109-2177

revisions:		no date by description	
date:	02-04-25	scale:	3/8" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.	25-25F	sheet	3 of 11



METAL STRUCTURE NOT BY 'SIMPAS'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS AT HEAD/SILL: SEE SHEET 7 FOR DETAILS

1/2" DIA. SCREW-BOLT+ BY 'DEWALT'

INTO 3000 MIN. CONCRETE
4-1/4" MIN. EMBED
4" MIN. CENTERLINE-TO-CENTERLINE SPACING
4-1/2" MIN. EDGE DISTANCE

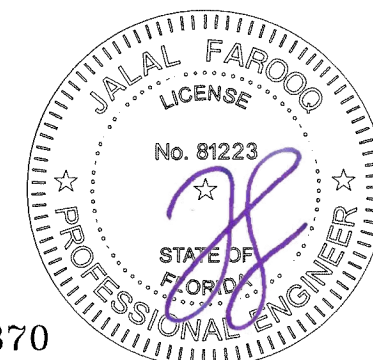
1/2" DIA. MACHINE SCREWS (GRADE 5 CRS)

INTO METAL STRUCTURES
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
3/4" MIN. EDGE DISTANCE
3/16" THK. MIN. ALUMINUM (6063-T6)
1/8" THK. MIN. STEEL (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

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

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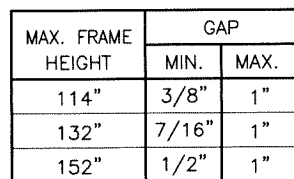
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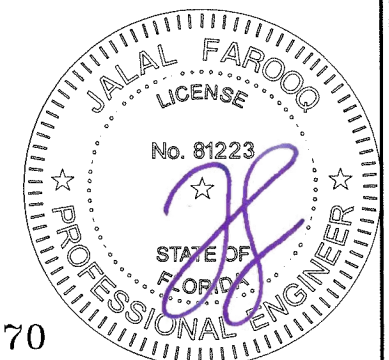
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revisions:		date		by description	
no	date	no	date	by	description

date: 02-04-25
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chk. by:
drawing no.
25-25F
sheet 5 of 11



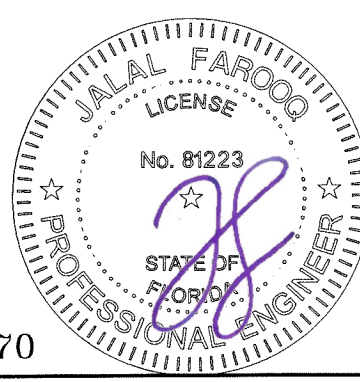
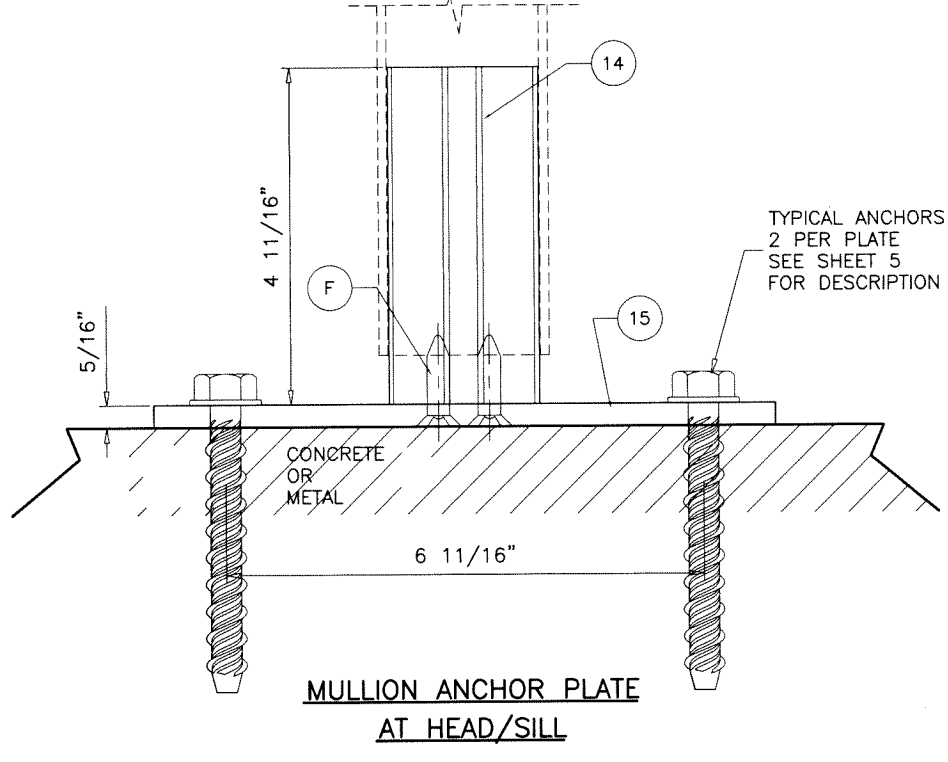
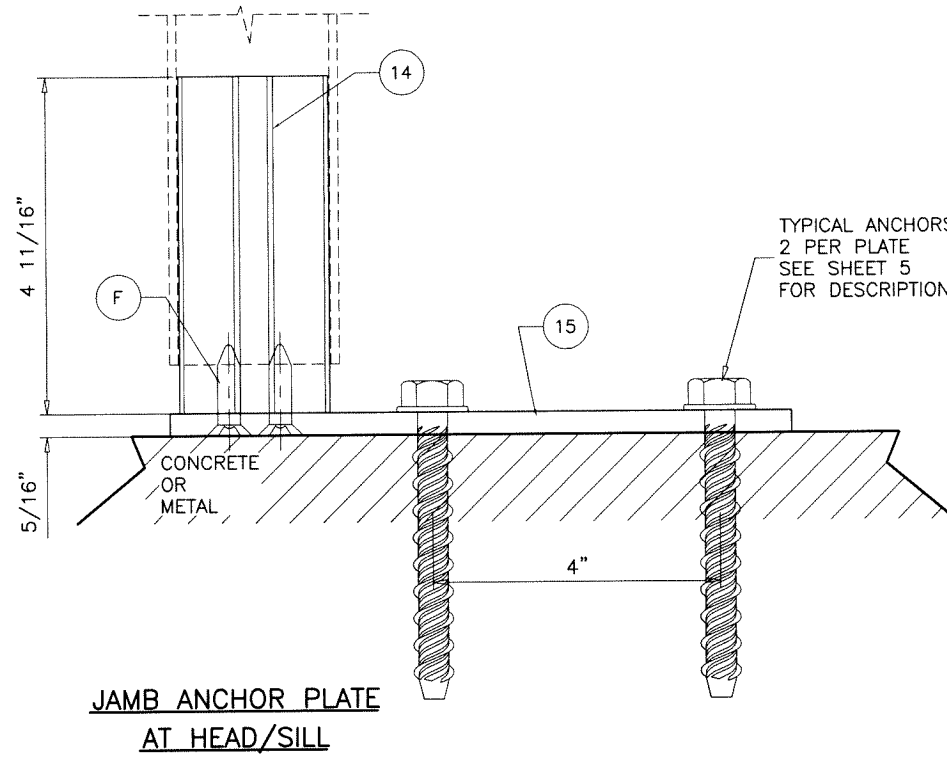
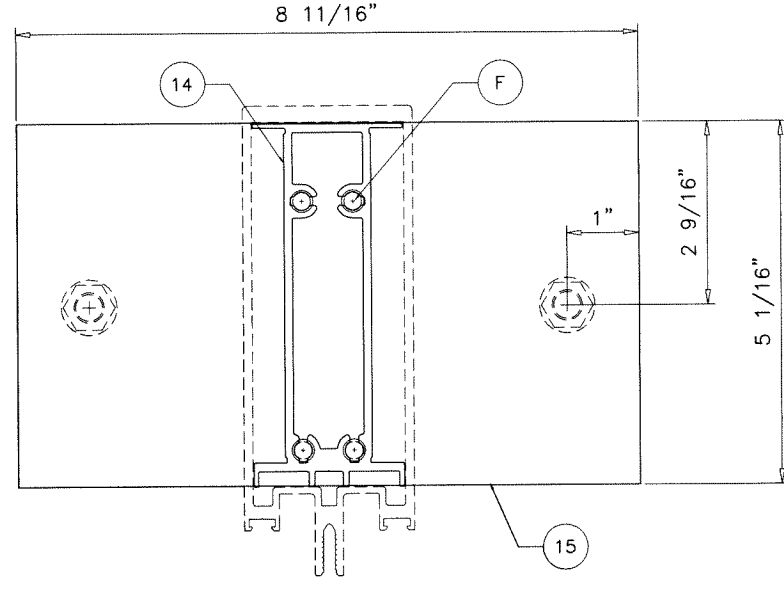
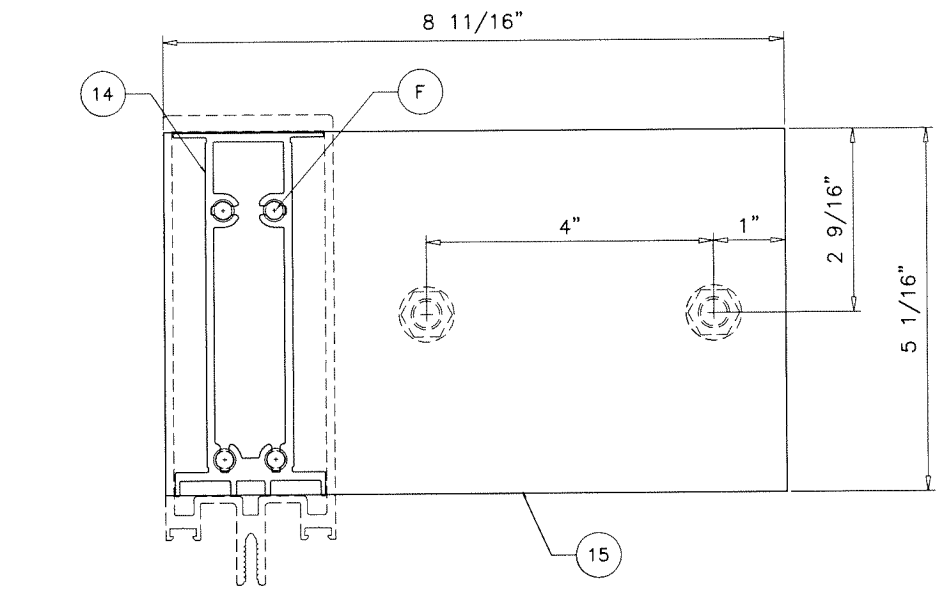
FL #47370



drawing no.		date: 02-04-25		revisions:	
25-25F		scale: $3/8" = 1"$		no	by
sheet 6 of 11		dr. by: TARIQ		chk. by:	

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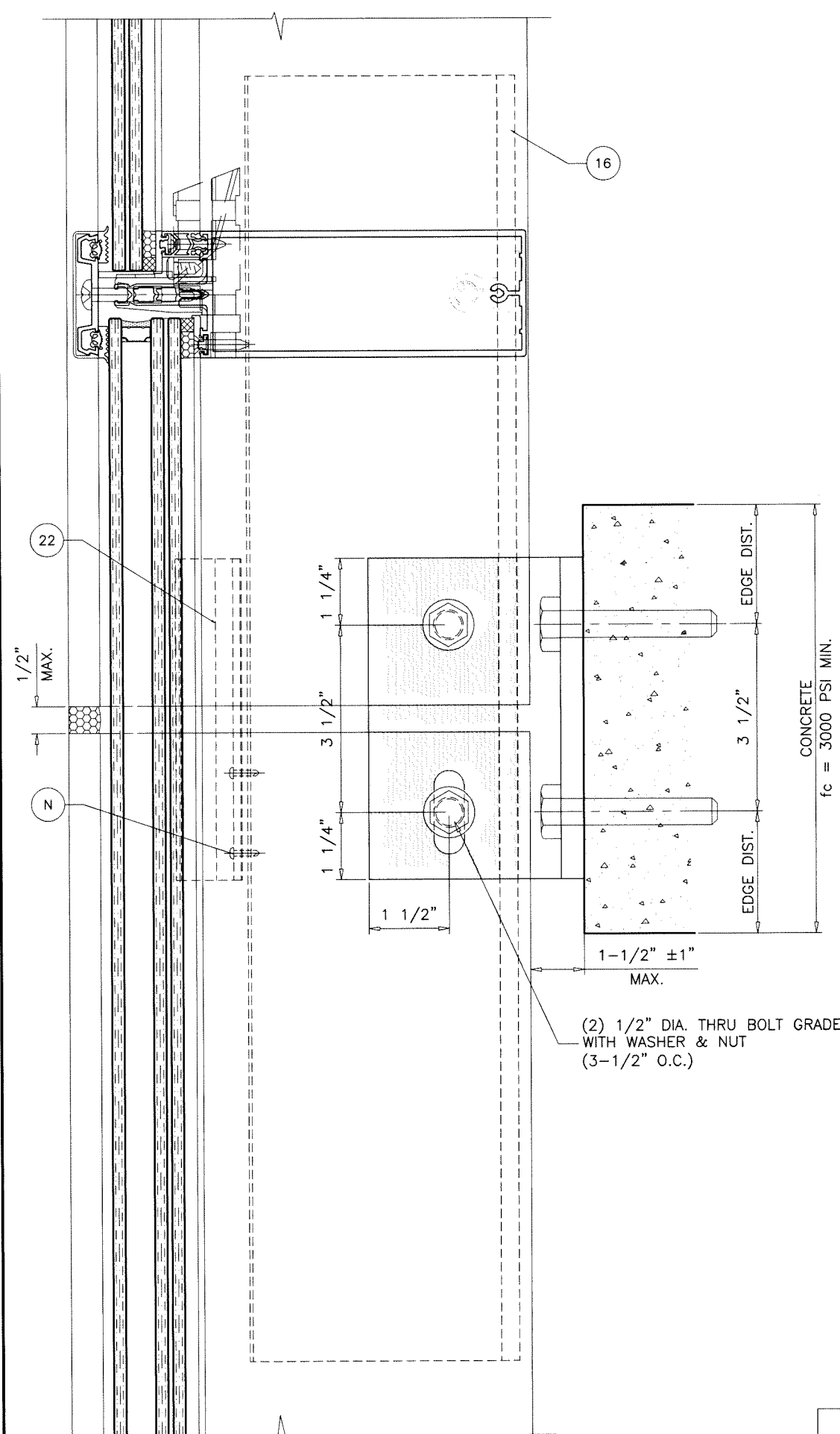
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FWS-60 ALUMINUM HURRICANE CURTAIN WALL SYS. (L.M.I.)

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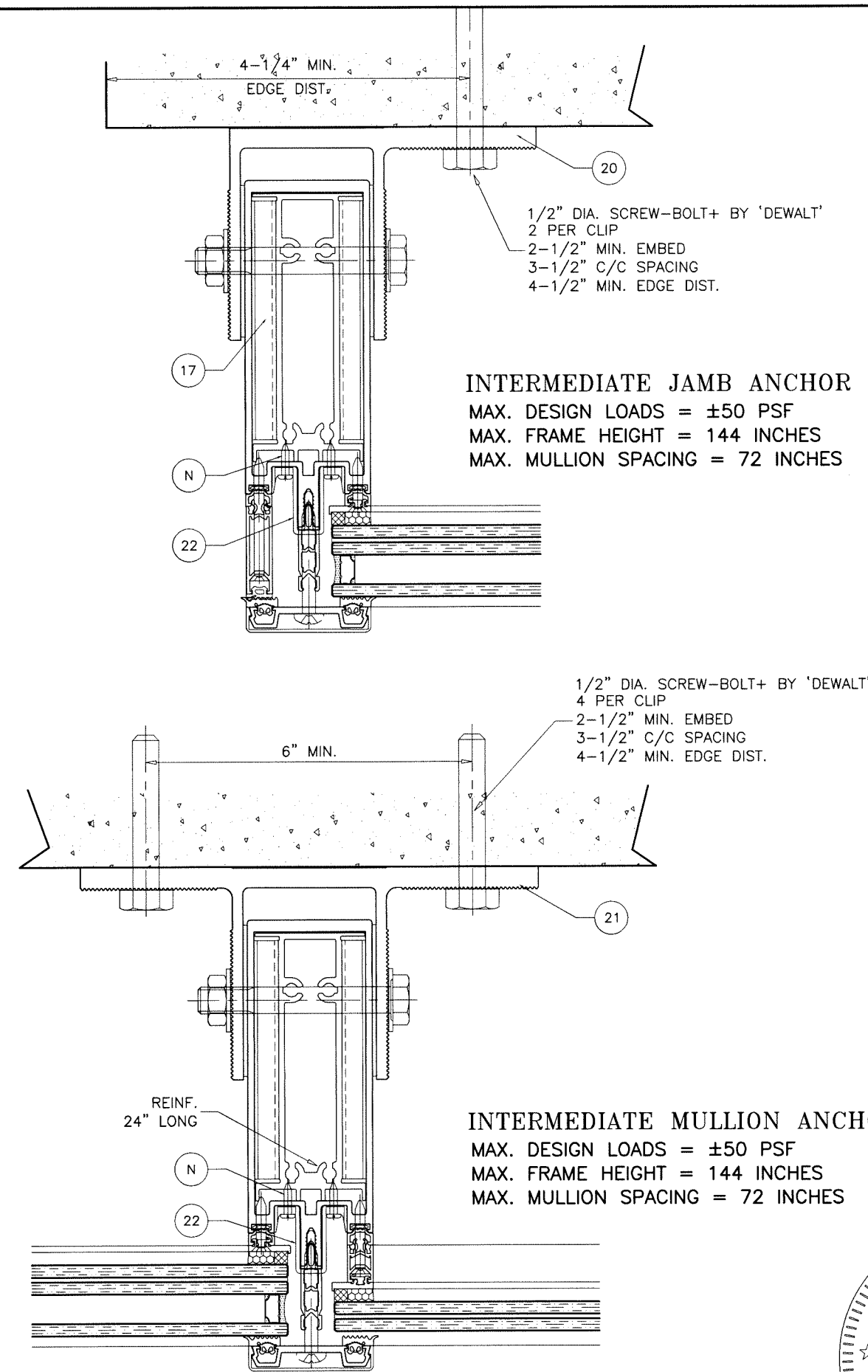
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no	date by description

date: 02-04-25	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:	drawing no. 25-25F
				sheet 7 of 11



(2) 1/2" DIA. THRU BOLT GRADE 5
WITH WASHER & NUT
(3-1/2" O.C.)

INTERMEDIATE ANCHORS



WIND/DEAD LOAD ANCHOR
3000 PSI MIN. CONCRETE

Sealed: 4/29/2025

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revisions:	
no	description

date: 02-04-25

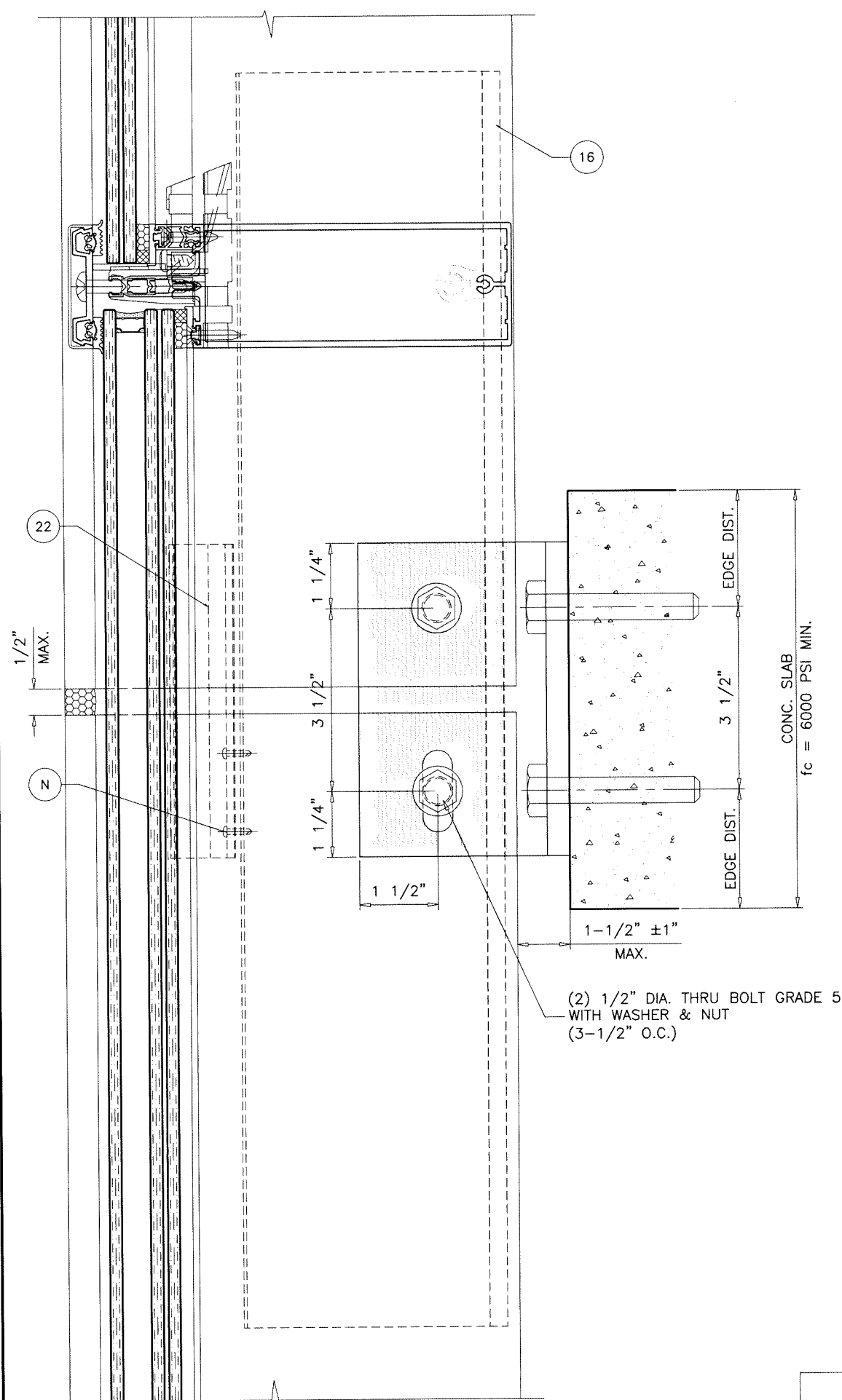
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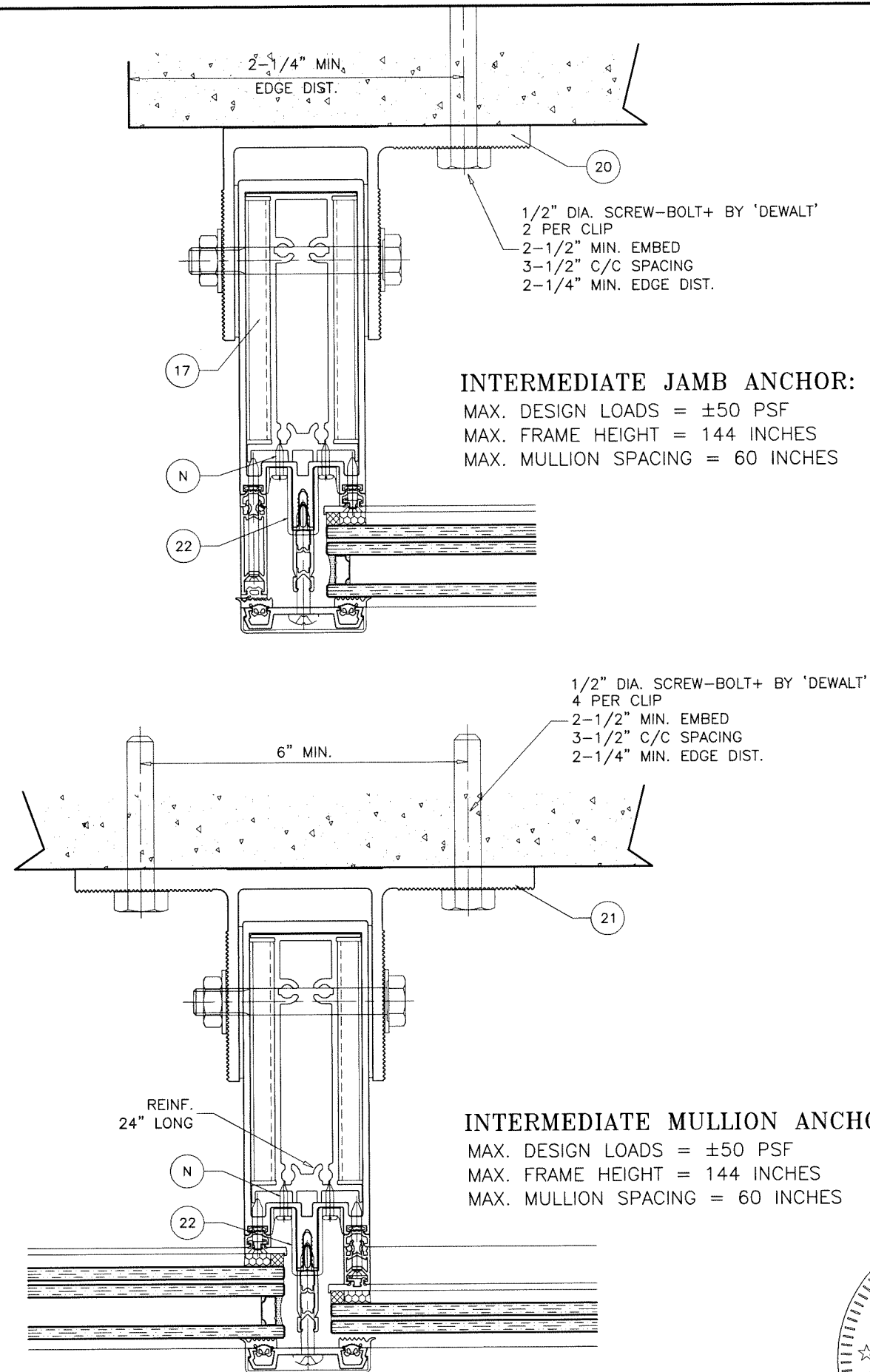
chk. by:

drawing no.
25-25F

sheet 8 of 11



INTERMEDIATE ANCHORS



WIND/DEAD LOAD ANCHOR
6000 PSI MIN. CONCRETE

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drawing no.
25-25F
sheet 8.1 of 11

ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	351 910	VERTICAL MULLION	6063-T6	-
2	324 490	HORIZONTAL MULLION	6063-T6	-
3	477 660	MULLION PRESSURE PLATE	6063-T6	-
4	162 180	MULLION FACE COVER (VERT.)	6063-T6	-
5	160 630	MULLION FACE COVER (HORIZ.)	6063-T6	-
6	224 810	TONGUE EXTENSION	PVC	-
7	477 460	VERT. GLAZING ADAPTER (FOR 1 5/16" THICK INFILL)	6063-T6	-
8	477 490	VERT. GLAZING ADAPTER (FOR 9/16" THICK INFILL)	6063-T6	-
9	477 480	HORIZ. GLAZING ADAPTER (FOR 9/16" THICK INFILL)	6063-T6	-
10	307 660	SSG GLAZING ADAPTER (VERT./HORIZ.)	6063-T6	-
11	477 520	HEAD/SILL MULLION PERIMETER SPACER	6063-T6	-
12	-	DEAD LOAD BLOCK 5" X 3" X .68" (AT SILL 1 3/4" FROM ENDS)	PVC	-
13	226 147	HORIZ. TO VERT. MULLION ASSEMBLY KEY	6063-T6	-
14	307 030	MULLION ANCHOR/SHEAR BLOCK	6063-T6	4-11/16" LONG MIN.
14A	307 030	MULLION REINFORCING	6063-T6	LENGTH = FRAME HEIGHT - 6"
15	228 387	MULLION ANCHOR/SHEAR BLOCK BASE PLATE	6063-T6	-
16	336 260	JOINT SPLICE	6063-T6	24" LONG MIN.
17	324 960	MULLION MID-SPAN REINFORCING SLEEVE SPACER BLOCK	PVC	-
20	351 250 (TRIMMED)	JAMB MID-SPAN 'U' ANCHOR	6063-T6	-
21	351 250	MULLION MID-SPAN 'U' ANCHOR	6063-T6	-
22	228 692	MULLION STACK/SPLICE TONGUE ALIGNMENT SLEEVE	6063-T6	6" LONG AT MULLION SPLICE
23	246 476	EXTERIOR GLAZING GASKET (VERT.)	EPDM-SHORE 70	-
24	246 487	EXTERIOR GLAZING GASKET (HORIZ.)	EPDM-70 DUROMETER	-
25	204 533	EXTERIOR GASKET (PERIMETER PRESSURE PLATE SPACER)	EPDM-70 DUROMETER	-
26	230 059	JOINT PLUG/WATER DEFLECTOR	PVC	-
27	205 892	GLASS SETTING BLOCK	EPDM-70 DUROMETER	-
28	281 853	CRUCIFORM SETTING CHAIR (FOR 1 5/16" THICK INFILL)	6063-T6	-
29	268 651	SETTING CHAIR (FOR 9/16" THICK INFILL)	6063-T6	-
30	278 185	INTERIOR COMPRESSION GASKET	EPDM-70 DUROMETER	-
31	278 184	INTERIOR COMPRESSION GASKET	EPDM-70 DUROMETER	-
32	224 842	INTERIOR GLAZING ADAPTER FIN-SEAL GASKET	EPDM-70 DUROMETER	-
33	V2100	DOUBLE SIDED ADHESIVE GLAZING TAPE (NORTON)	FOAM RUBBER	-
A	1/4-20 X 2 1/4" P.P.H.M.S.	PRESSURE PLATE FASTENER	ZINC PL. CARBON STEEL	AT 12" O.C. MAX.
B	#12 X 2" P.F.H.S.M.S.	GLAZING ADAPTER FASTENER (9/16" GLASS)	ZINC PL. CARBON STEEL	AT 12" O.C. MAX.
C	#12 X 1" P.F.H.S.M.S.	GLAZING ADAPTER FASTENER (1 5/16" GLASS)	ZINC PL. CARBON STEEL	AT 12" O.C. MAX.
D	#12 X 2" P.F.H.S.M.S.	JAMB MULLION PERIMETER SPACER FASTENER	ZINC PL. CARBON STEEL	AT 12" O.C. MAX.
E	#12 X 2" P.F.H.S.M.S.	JAMB MULLION PERIMETER SPACER FASTENER	ZINC PL. CARBON STEEL	AT 12" O.C. MAX.
F	5/16-18 TYPE 'F' F.H.M.S.	MULLION SHEAR BLOCK/ANCHOR PLATE FASTENER	ZINC PL. CARBON STEEL	-
M	5/16-24 X 1" H.H. CAP SCREW (GRADE 5)	MID-SPAN 'U' ANCHOR LUG ADJUSTMENT BOLT	ZINC PL. CARBON STEEL	-
N	#10 X 5/8" P.F.H.S.M.S.	MULLION SPLICE TONGUE ALIGNMENT SLEEVE FASTENER	ZINC PL. CARBON STEEL	-

SEALANTS:

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



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revisions:

no	date	by	description

date: 02-04-25

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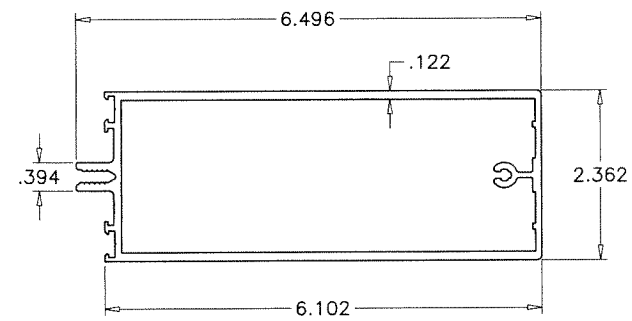
dr. by: TARIQ

chk. by:

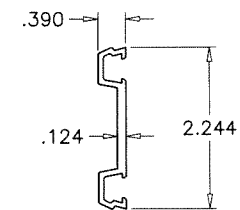
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25-25F

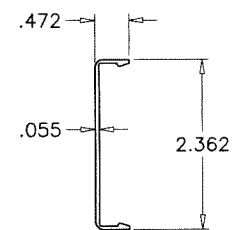
sheet 10 of 11



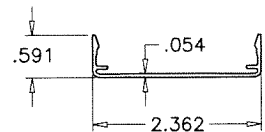
2 FRAME HEAD/SILL/HORIZONTAL



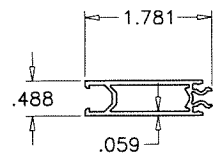
3 PRESSURE PLATE



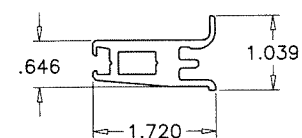
5 FACE COVER (HORIZONTAL)



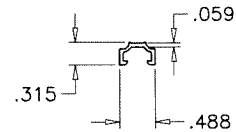
4 FACE COVER (VERTICAL)



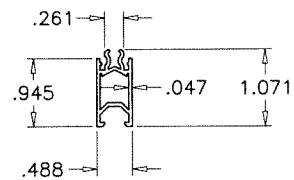
11 PERIMETER SPACER



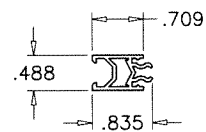
29 SETTING CHAIR (LAM. GLASS)



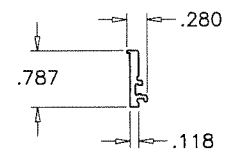
7 GLAZING ADAPTER



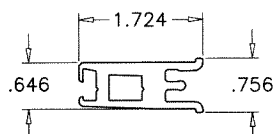
8 GLAZING ADAPTER



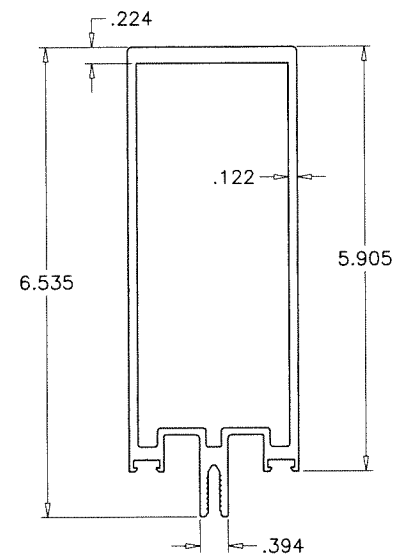
9 GLAZING ADAPTER



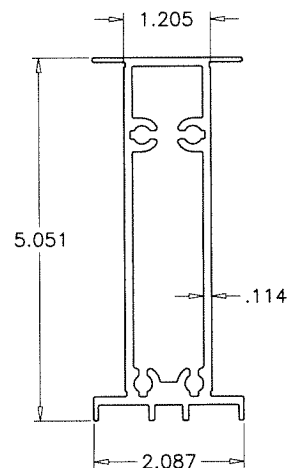
10 SSG GLAZING ADAPTER



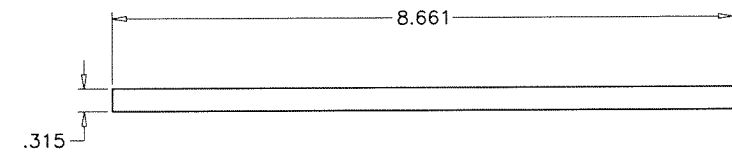
(28) SETTING CHAIR (INSUL. LAM.)



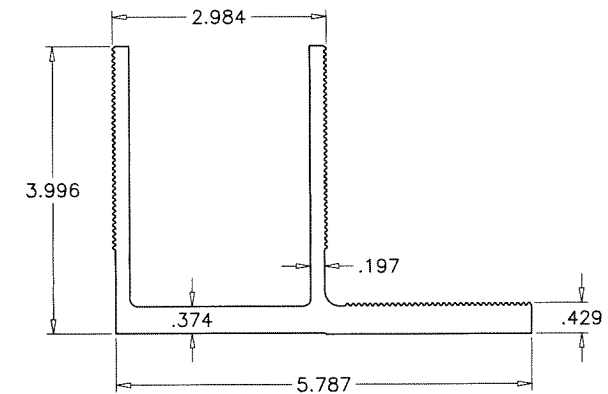
1 JAMB/MULLION



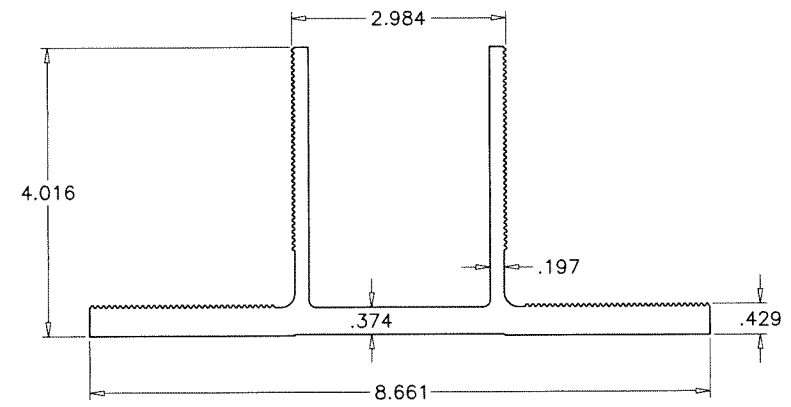
14	ANCHOR BLOCK
14A	MULLION REINF.
16	JOINT SPLICE



15 ANCHOR BASE PLATE



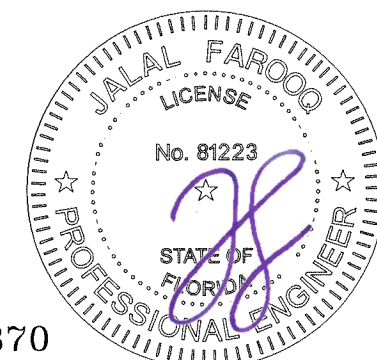
20 'F' CLIP (INTERMEDIATE)



21 'T' CLIP (INTERMEDIATE)

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drawing no.
25-25F

sheet 11 of 11