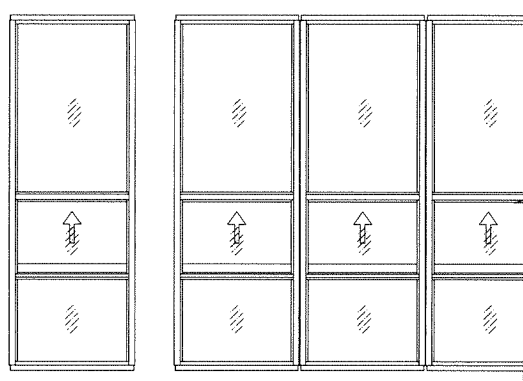
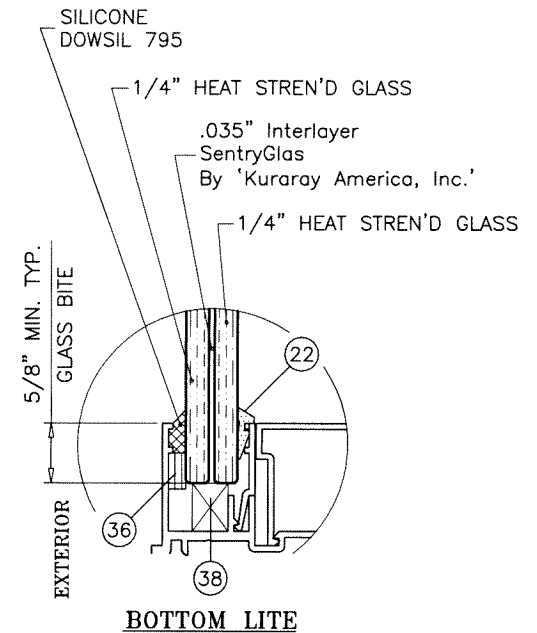
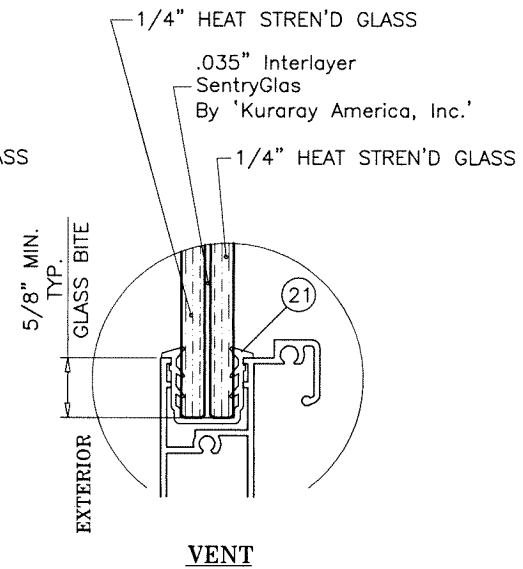
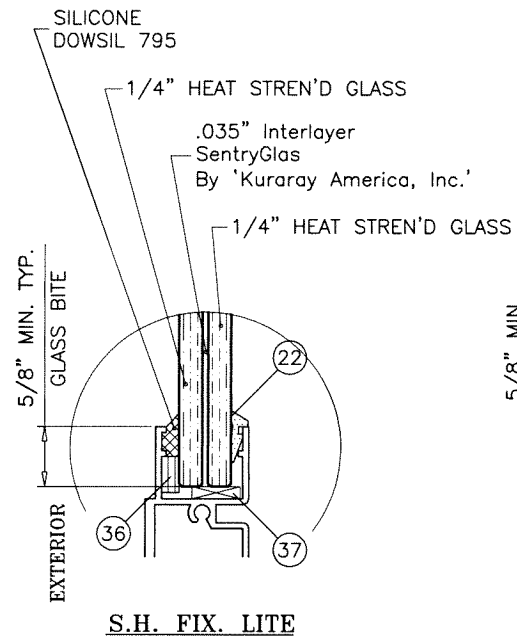


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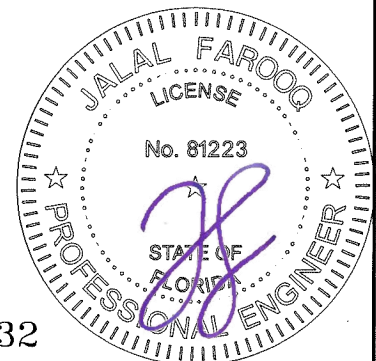
APPROVED CONFIGURATIONS

APPROVAL APPLIES TO INDIVIDUAL UNITS OF SINGLE HUNG OVER FIXED WINDOWS.
ALSO SIDE BY SIDE COMBINATIONS OF S.H./FIX. TO S.H./FIX. IN MODULES OF TWO OR MORE UNITS.



GLAZING DETAILS

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FL #32032

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ENGINEERS & PRODUCT DEVELOPMENT
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MIAMI, FLORIDA 33173 (C.A.N. 3538)
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SERIES 600Y-CA ALUM SINGLE HUNG WINDOW (S.M.I.)

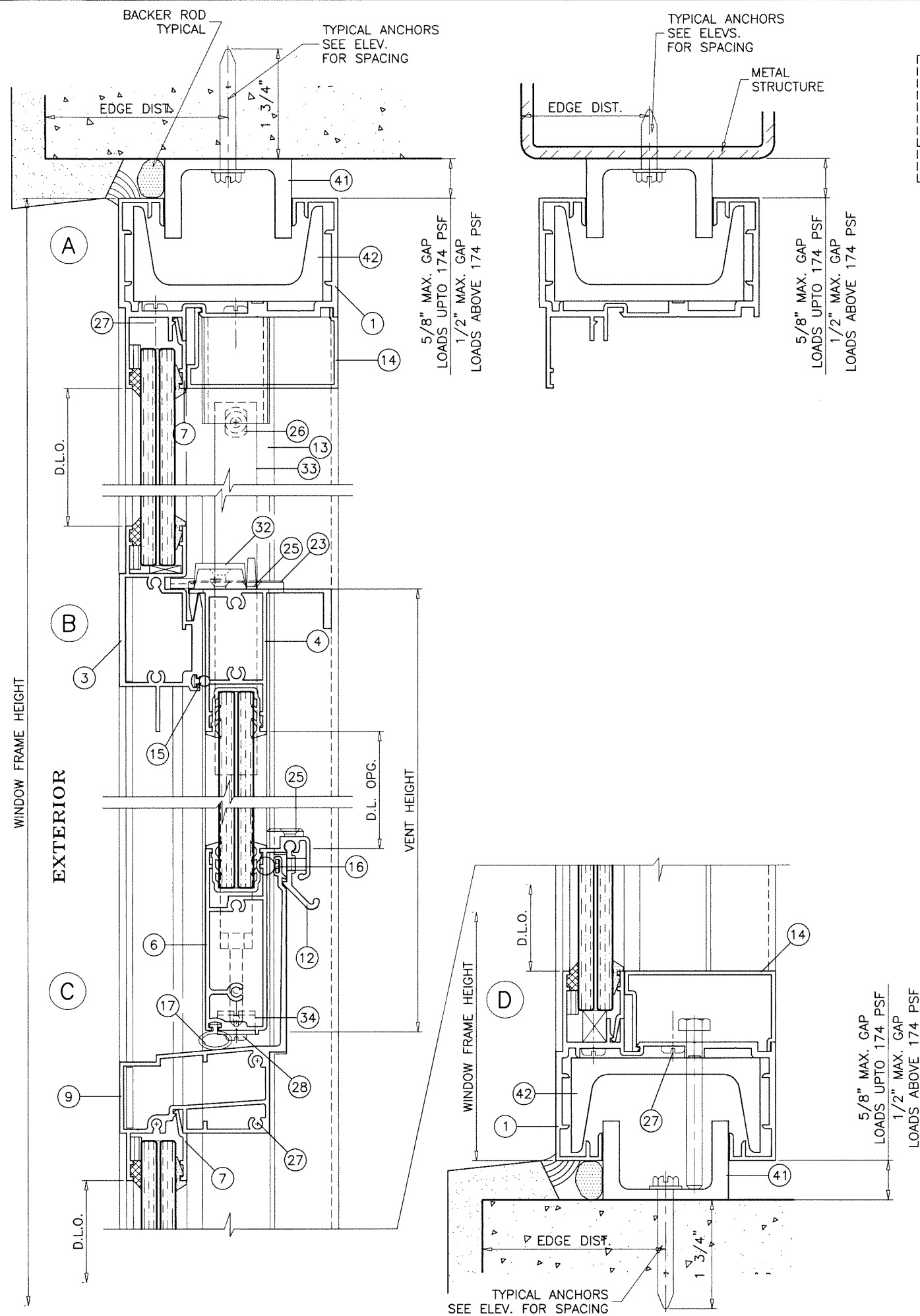
TECNOGLASS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
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chk. by:

drawing no.
20-39F
sheet 2 of 7



METAL STRUCTURES NOT BY 'TECNOGLASS', 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' ($F_u=177$ KSI, $F_y=155$ KSI) DIRECTLY INTO CONCRETE
1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
- TYPE 'B'—** 5/16" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS) INTO METAL STRUCTURES (HEAD/SILL)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 3/16" THK. MIN. (6063-T5 MIN.)
STEEL: 3/16" THK. MIN. ($F_y = 36$ KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

CRITICAL EDGE DISTANCE

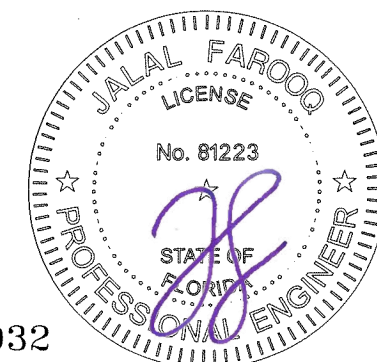
INTO CONCRETE = 2-3/16" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL $f'_c = 4000$ PSI MIN.

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH DOWSIL 795 SEALANT.

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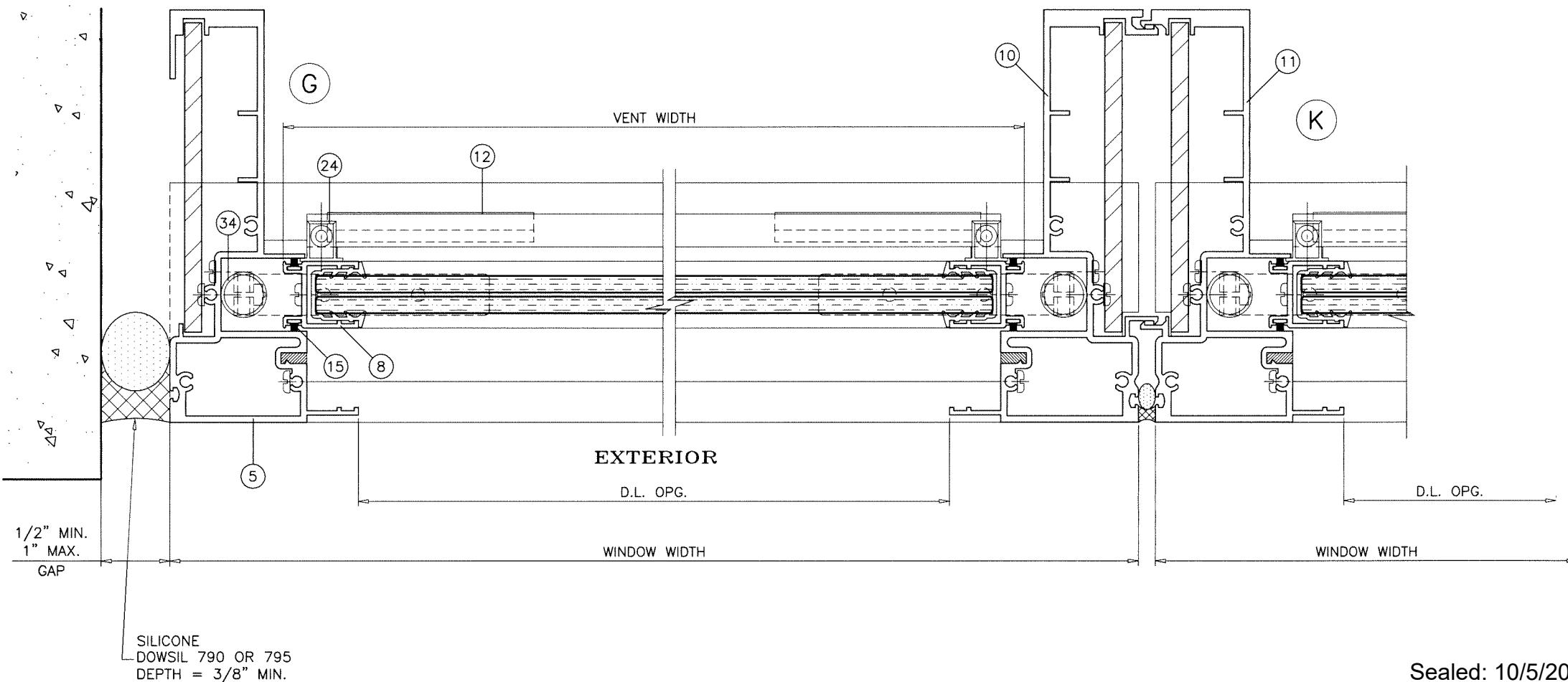
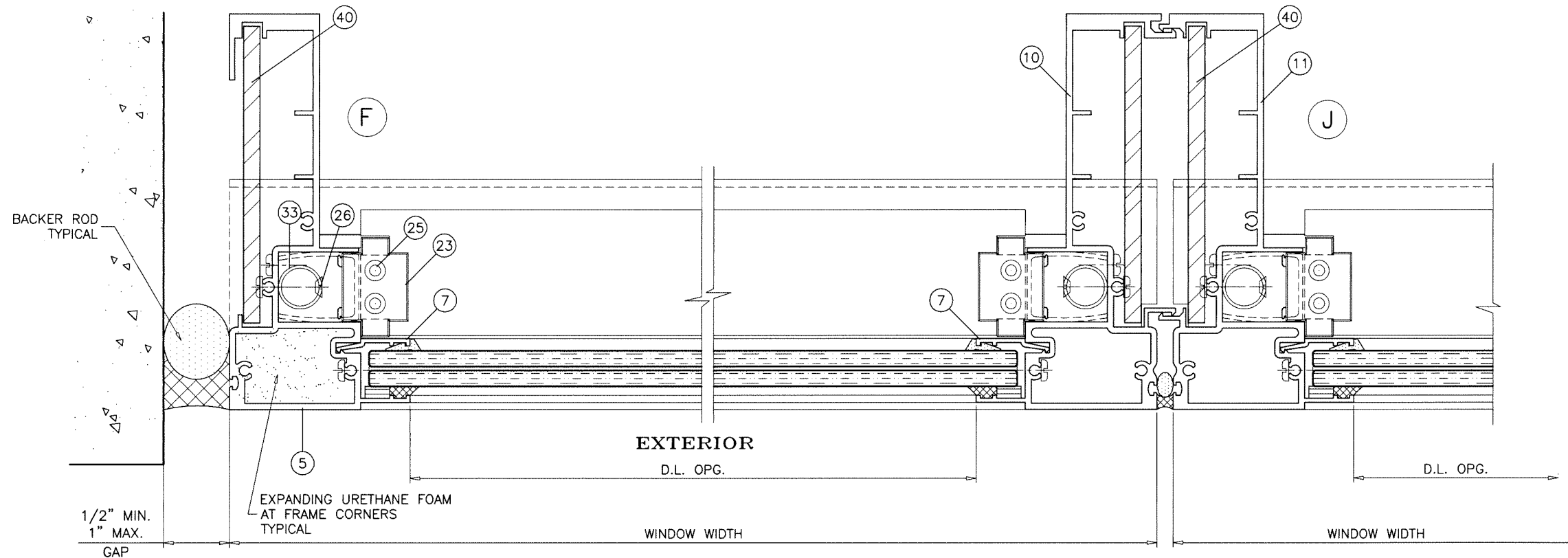
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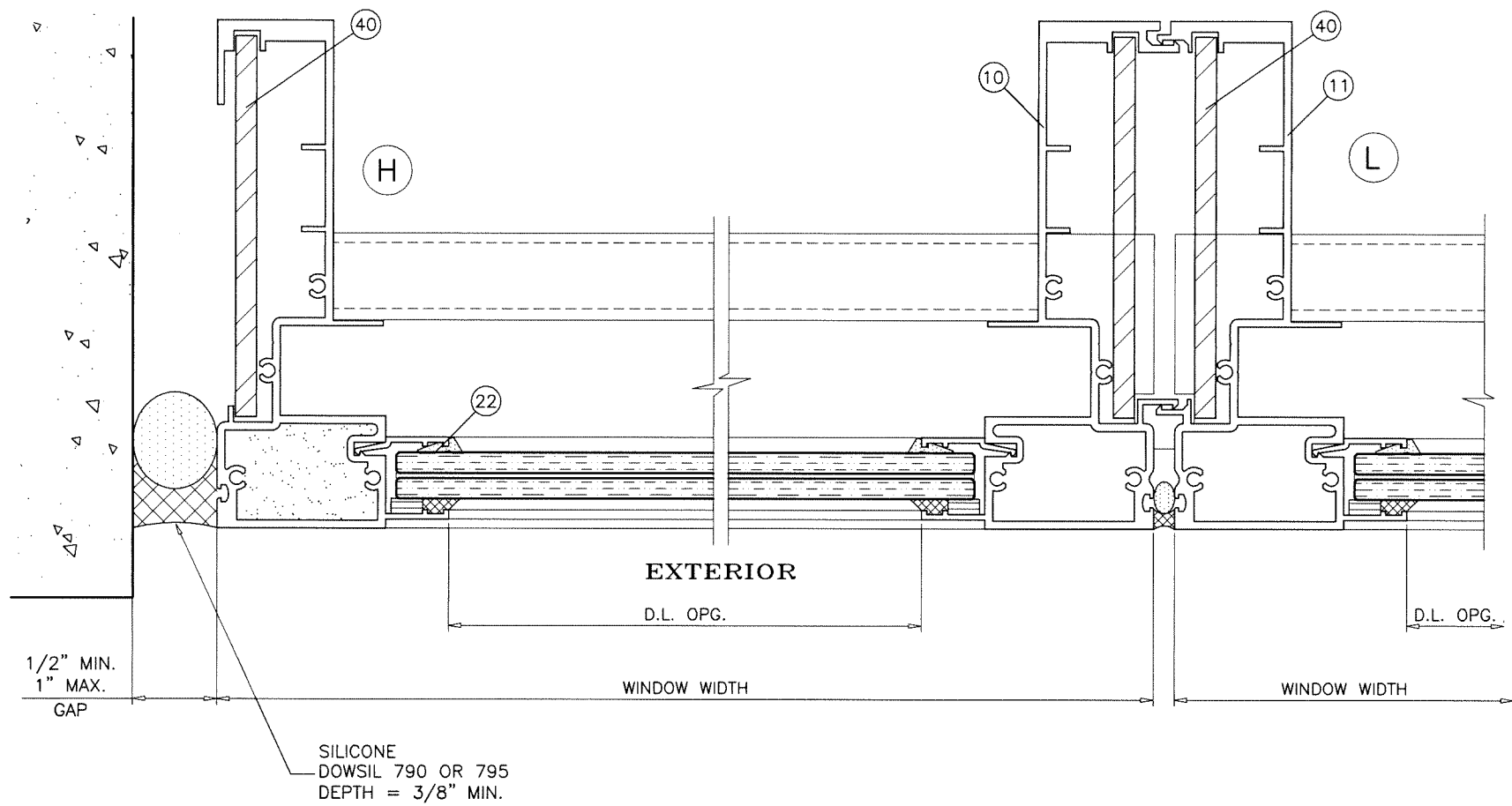
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sheet 4 of 7	

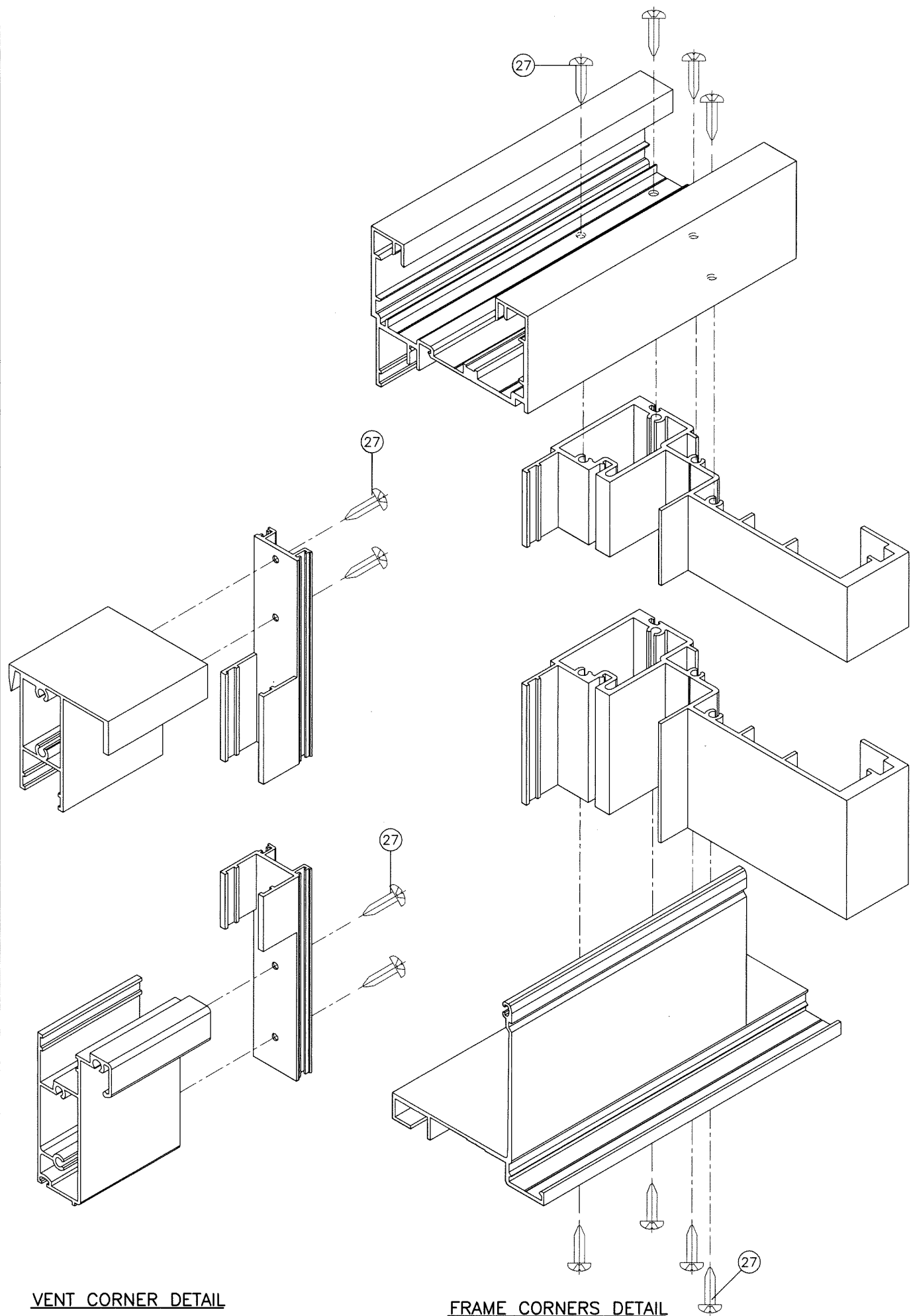


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sheet 5 of 7																										



VENT CORNER DETAIL

FRAME CORNERS DETAIL

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	500Y-017	AS REQD.	HEAD & FIXED SILL	6063-T6	AT FRAME
3	500Y-003	1	MEETING RAIL	6005-T5	AT FRAME
4	500Y-028	1	VENT TOP	6005-T5	SASH VENT
5	500Y-019	2	JAMB	6063-T6	AT FRAME
6	500Y-006A	1	VENT BOTTOM	6063-T6	SASH VENT
7	500Y-007	AS REQD.	GLAZING BEAD	6063-T6	AT FIXED GLASS
8	500Y-008	2	VENT SIDE	6063-T6	SASH VENT
9	500Y-038	AS REQD.	SILL MEETING RAIL W/ FIX. BOTTOM	6005-T5	AT FRAME
10	500Y-015	AS REQD.	MALE MULLION	6063-T6	-
11	500Y-016	AS REQD.	FEMALE MULLION	6063-T6	-
12	LL-300	2/VENT	HANDICAP FINGER LOCK (SPRING LOADED)	6063-T6	SASH VENT
13	500Y-013	1	VENT STOP	6063-T6	AT TOP OF FRAME
14	550Y-018	AS REQD.	FRAME COVER	6063-T6	-
15	250T190	AS REQD.	Q-LON .250 X .190 W'STRIPPING	-	AT VENT SIDE MEETING RAIL
16	32010	AS REQD.	Q-LON .187 X .375 W'STRIPPING	-	SILL & SILL MEETING RAIL
17	V-069A	AS REQD.	BULB W'STRIPPING, BOTTOM OF SASH VENT	TPE	DUROMETER 65±5 SHORE A
21	V-049	AS REQD.	GLAZING GASKET	TPE	MELTPOINT, DUROMETER 70±5
22	V-053	AS REQD.	GLAZING WEDGE	TPE	MELTPOINT, DUROMETER 75±5
23	P-012	2/ VENT	VENT TOP GUIDE PLASTIC M&M	NYLON	TOP OF SASH VENT
24	P-013	2/ VENT	VENT BOTTOM GUIDE PLASTIC M&M	NYLON	BOTTOM OF SASH VENT
25	-	AS REQD.	#8 X 3/8" LG. FH. SMS. ST/ST PHILLIPS	-	AT P-012, P-013 & PD-203
26	-	2	#8 X 1" LG. FH. SMS. ST/ST PHILLIPS	-	AT TOP OF BALANCE
27	-	AS REQD.	#10 X 1" LG. PH. SMS. ST/ST PHILLIPS	-	ASSEMBLY SCREWS
28	-	6	#10 X 3/4" LG. PH. SMS. ST/ST PHILLIPS	-	AT BALANCE CLIP
32	PD-203	2/ WDW	SASH LOCK	-	AT TOP OF SASH
33	25-38	2/ WDW	ULTRA-LIFT BALANCE	-	AT FRAME
34	21803 U	2/ WDW	ULTRA-LIFT NON TILT BRACKET	-	-
36	V2206	-	1/4" X 1/2" FOAM TAPE SINGLE FACE	POLYURETHANE	-
37	80-372A	2/ LITE	1/8" X 1/2" X 4" LG. SETTING BLOCK	EPDM	DUROMETER 80±5 SHORE A
38	80-373A	2/ LITE	3/8" X 1/2" X 4" LG. SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A
40	-	AS REQD.	JAMB REINF. BAR	STEEL	A36, Fu MIN. = 58 KSI
41	500Y-021	AS REQD.	ANCHOR CHANNEL	6063-T6	9 IN. & 12" LONG LONG
42	500Y-020	AS REQD.	REINFORCING CHANNEL	6063-T6	9 IN. LONG

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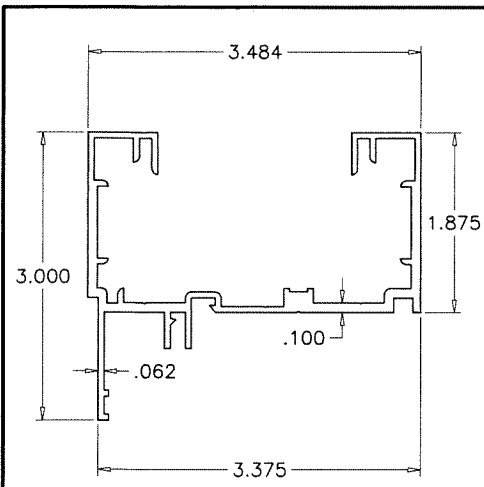
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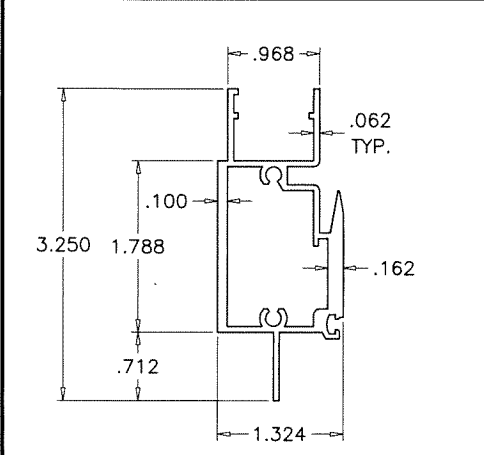
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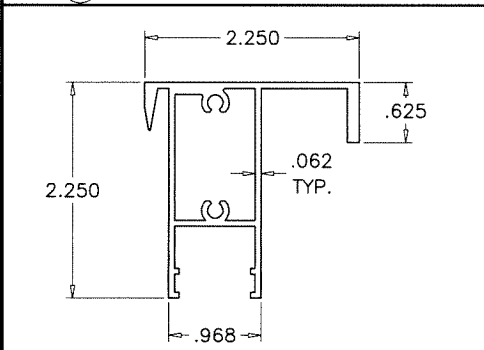
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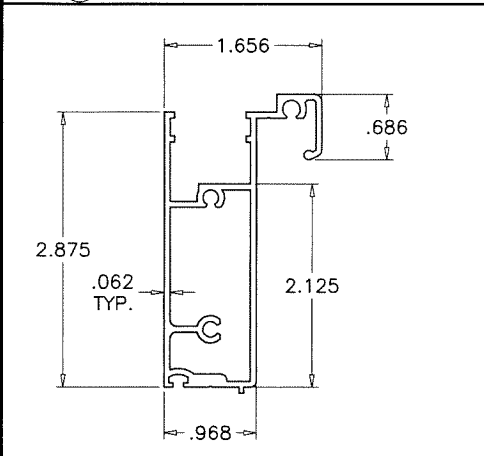
① FRAME HEAD/SILL



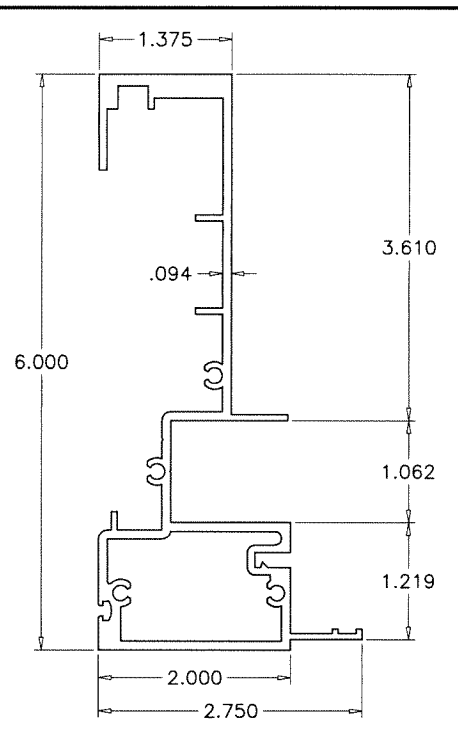
③ MEETING RAIL



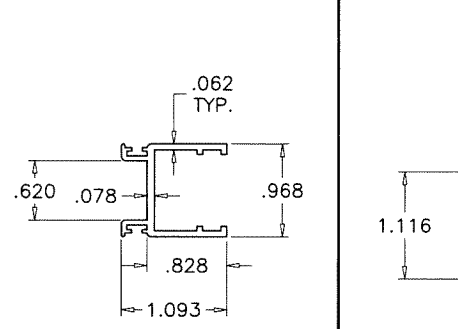
④ VENT TOP RAIL



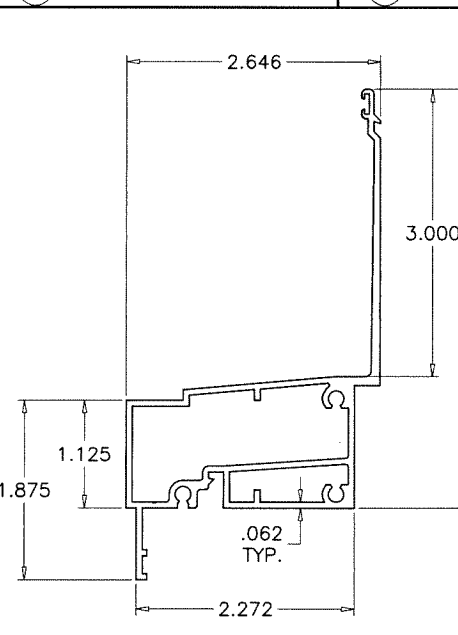
⑥ VENT BOTTOM RAIL



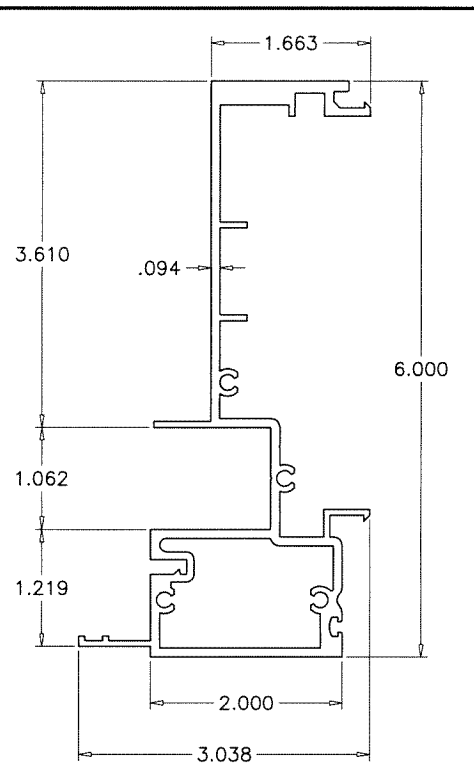
⑤ FRAME JAMB



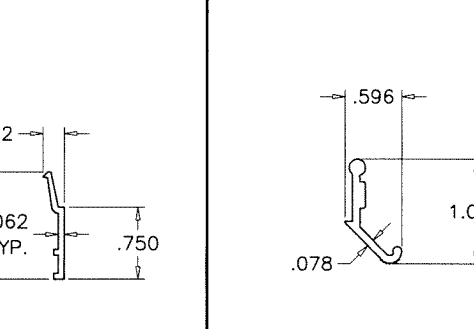
⑧ VENT SIDE RAIL



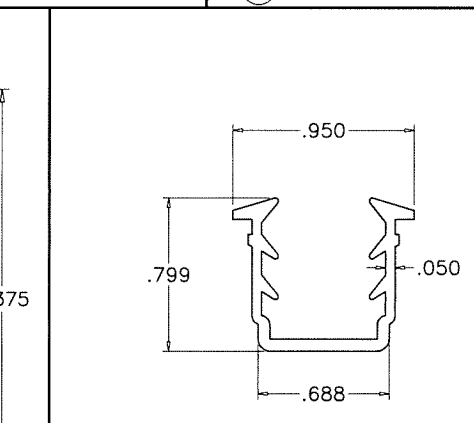
⑨ SILL MTG. RAIL W/ FIXED BOTTOM



⑩ MALE MULLION

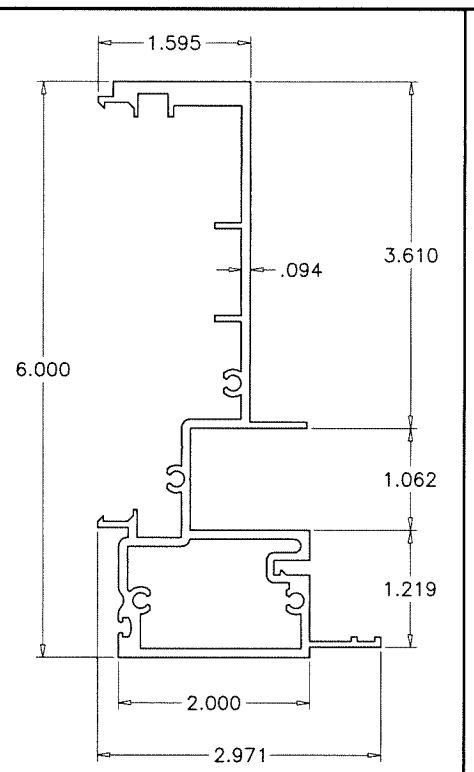


⑦ GLAZING BEAD

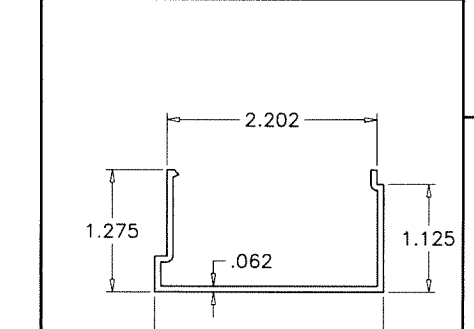


HARDNESS = 70±5 SHORE A
TENSILE STRENGTH (100% STRAIN)= 2000 PSI
ELONGATION AT BREAK = 600%
TEAR STRENGTH = 387 LBF/IN
SPECIFIC GRAVITY = 1.9

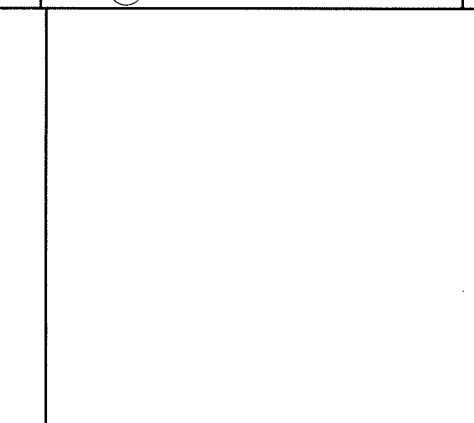
⑪ GLAZING GASKET
SCALE 1:1



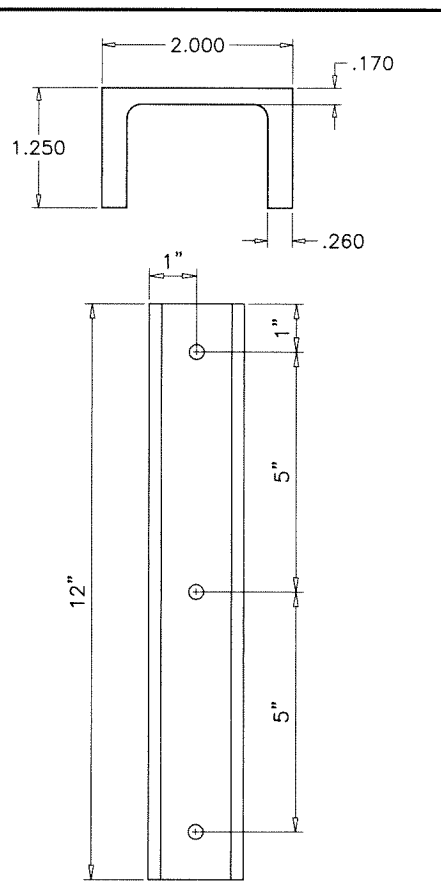
⑪ FEMALE MULLION



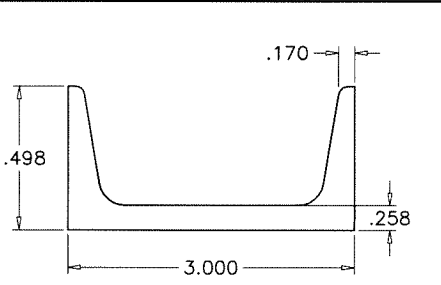
⑭ FRAME COVER



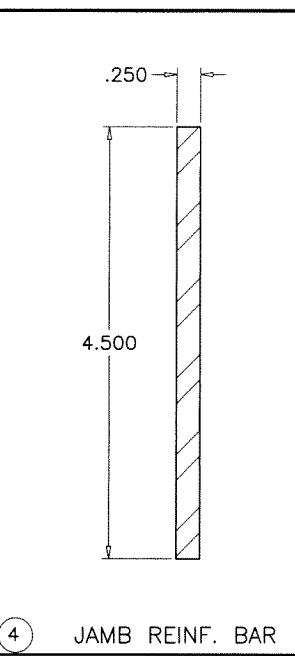
⑫ VENT LATCH



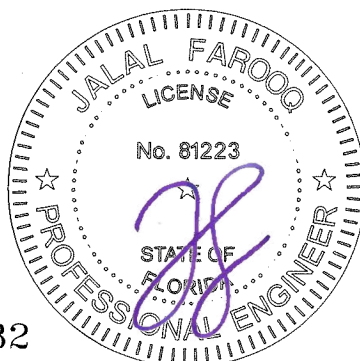
⑭ ANCHOR CHANNEL



⑭ REINFORCING CHANNEL



⑭ JAMB REINF. BAR



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