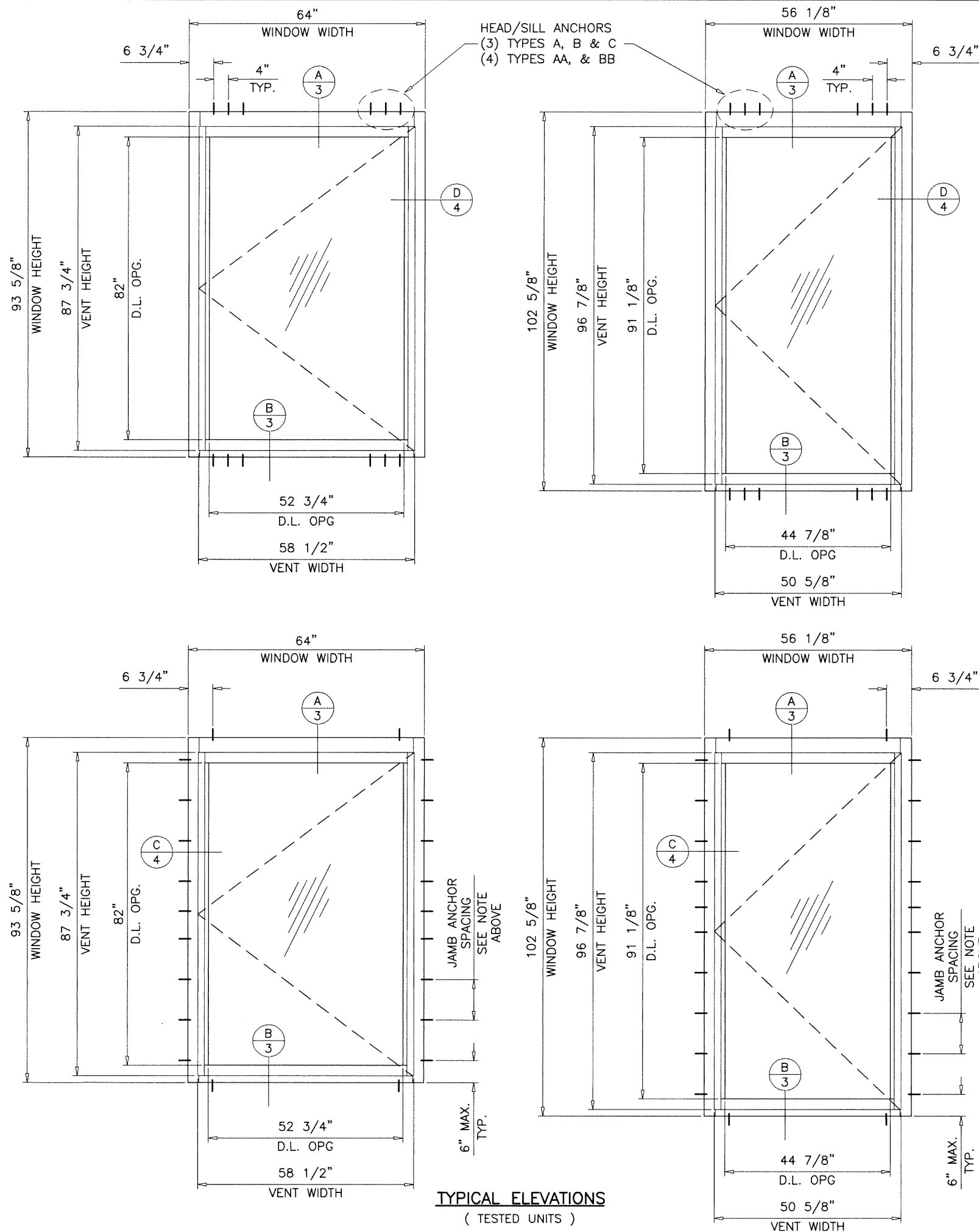




RWW-7000 ALUMINUM CASEMENT WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE VENT(X) CASEMENT WINDOWS, ALSO SIDE BY SIDE COMBINATIONS OF CASMT./CASMT. IN MODULES OF TWO OR MORE WINDOWS USING APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOW OR MULLION APPROVAL WILL APPLY TO ENTIRE 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).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

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.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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.

JAMB ANCHOR SPACING:
 11" O.C. MAX. FOR LOADS UPTO 110.0 PSF
 7" O.C. MAX. FOR LOADS ABOVE 110.0 PSF

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1. SAFEGUARD REQUIREMENTS TO BE VERIFIED.

THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT. F.B.C. APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

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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.

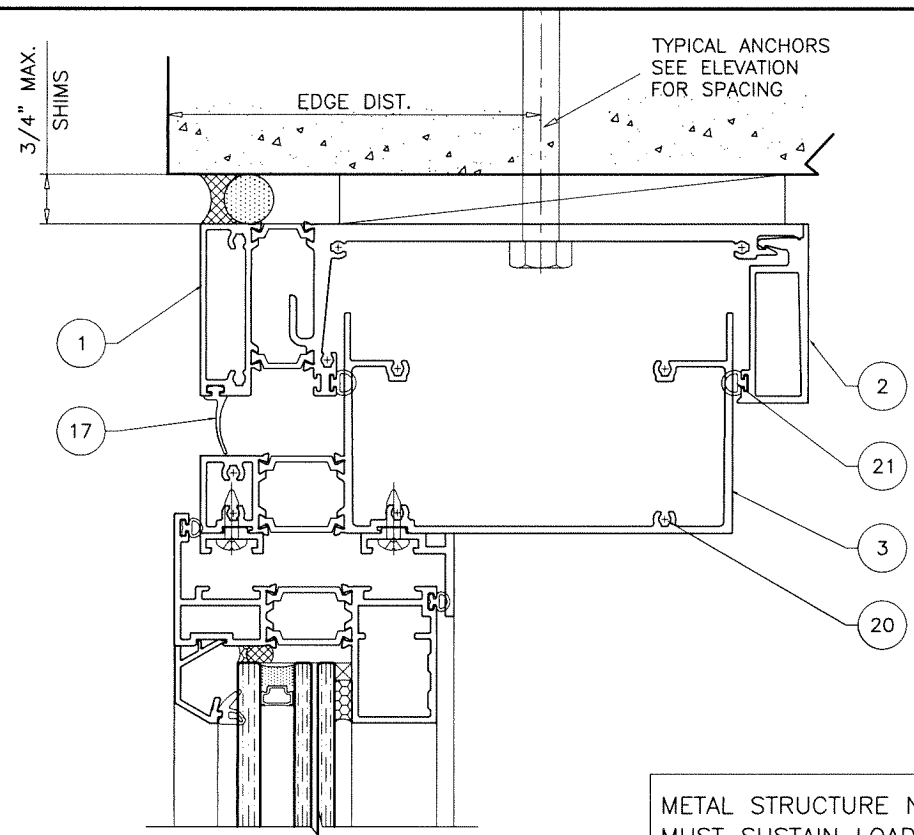
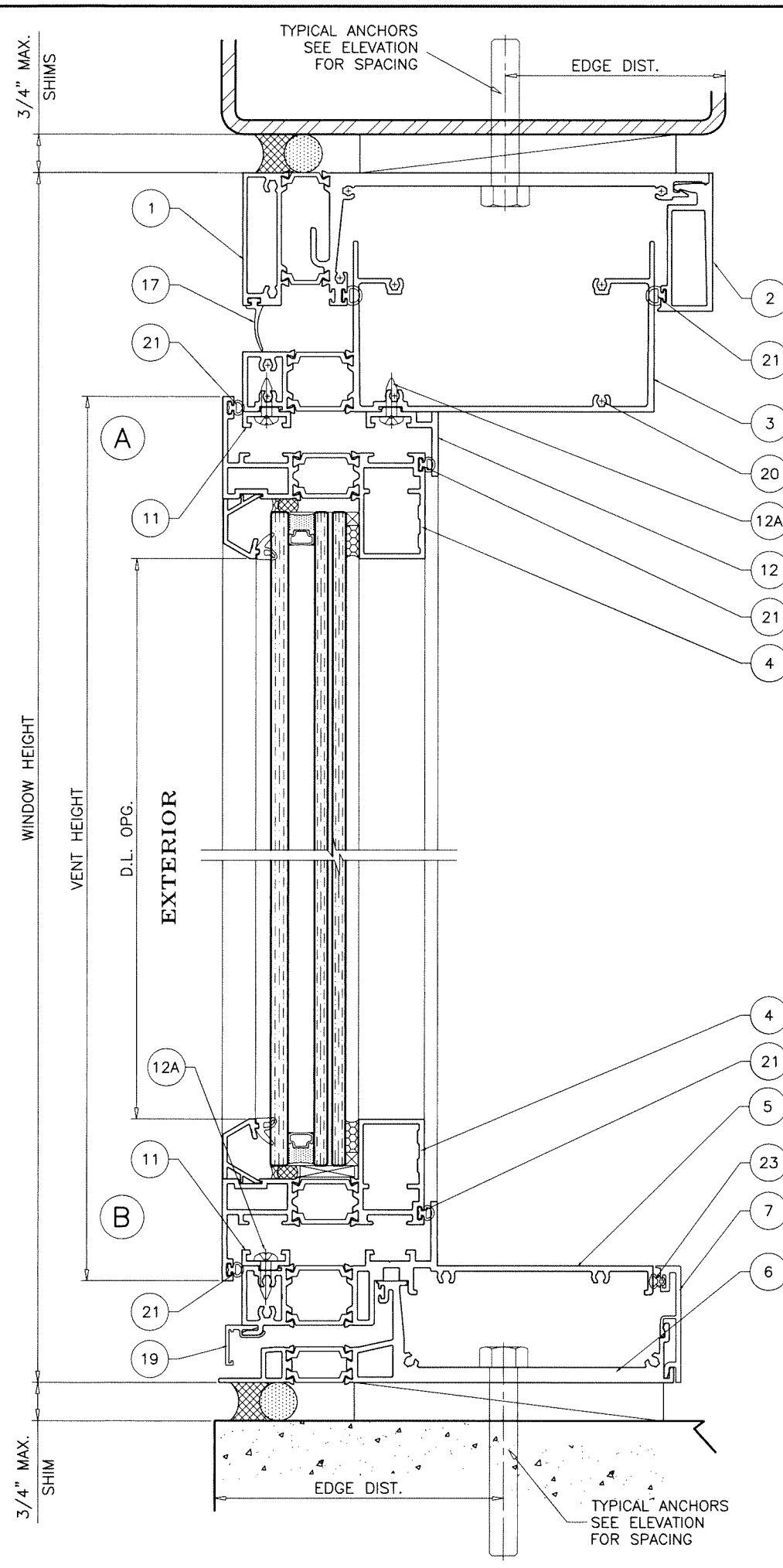
D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



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 WWW.AFCENG.COM
 FBPE #3538

RWW-7000 ALUMINUM CASEMENT WINDOW (S.M.I.)
REFLECTION WINDOW + WALL
 2525 North Elston Avenue
 Chicago, Illinois 60647
 Phone: 773 770 0377
 www.reflectionwindow.com

revisions:		no date by description	
date:	02-04-25	scale:	3/8"=1'-0"
dr. by:	TARIQ	chk. by:	
drawing no.	25-28F		
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METAL STRUCTURE NOT BY 'REFLECTION WDW.'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

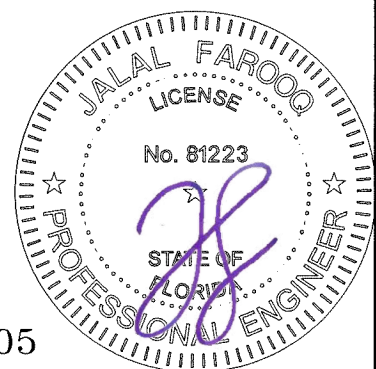
- TYPE 'A' - 1/2" DIA. SCREW-BOLT+ BY 'DEWALT'**
 INTO 3000 PSI MIN. CONCRETE (HEAD/SILL/JAMBS)
 2-1/2" MIN. EMBED
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING
 3-1/2" MIN. EDGE DISTANCE
 INTO C-90 GROUT FILLED BLOCKS (JAMBS)
 2-1/2" MIN. EMBED
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING
 2-5/8" MIN. EDGE DISTANCE
- TYPE 'B' - 1/2" DIA. KH-EZ BY 'HILTI'**
 INTO 3000 PSI MIN. CONCRETE (HEAD/SILL/JAMBS)
 3" MIN. EMBED
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING
 3-1/2" MIN. EDGE DISTANCE
 INTO C-90 GROUT FILLED BLOCKS (JAMBS)
 2-1/4" MIN. EMBED
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING
 1-3/4" MIN. EDGE DISTANCE
- TYPE 'C' - 1/2" DIA. MACHINE SCREWS (GRADE 5 CRS)**
 INTO METAL STRUCTURES
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 3/4" MIN. EDGE DISTANCE
 1/8" THK. MIN. ALUMINUM (6063-T6)
 1/8" THK. MIN. STEEL (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

- TYPE 'AA' - 1/2" DIA. SCREW-BOLT+ BY 'DEWALT'**
 INTO 5000 PSI MIN. CONCRETE (HEAD/SILL/JAMBS)
 2-1/2" MIN. EMBED
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING
 2" MIN. EDGE DISTANCE
- TYPE 'BB' - 1/2" DIA. KH-EZ BY 'HILTI'**
 INTO 5000 PSI MIN. CONCRETE (HEAD/SILL/JAMBS)
 3" MIN. EMBED
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING
 2" MIN. EDGE DISTANCE

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

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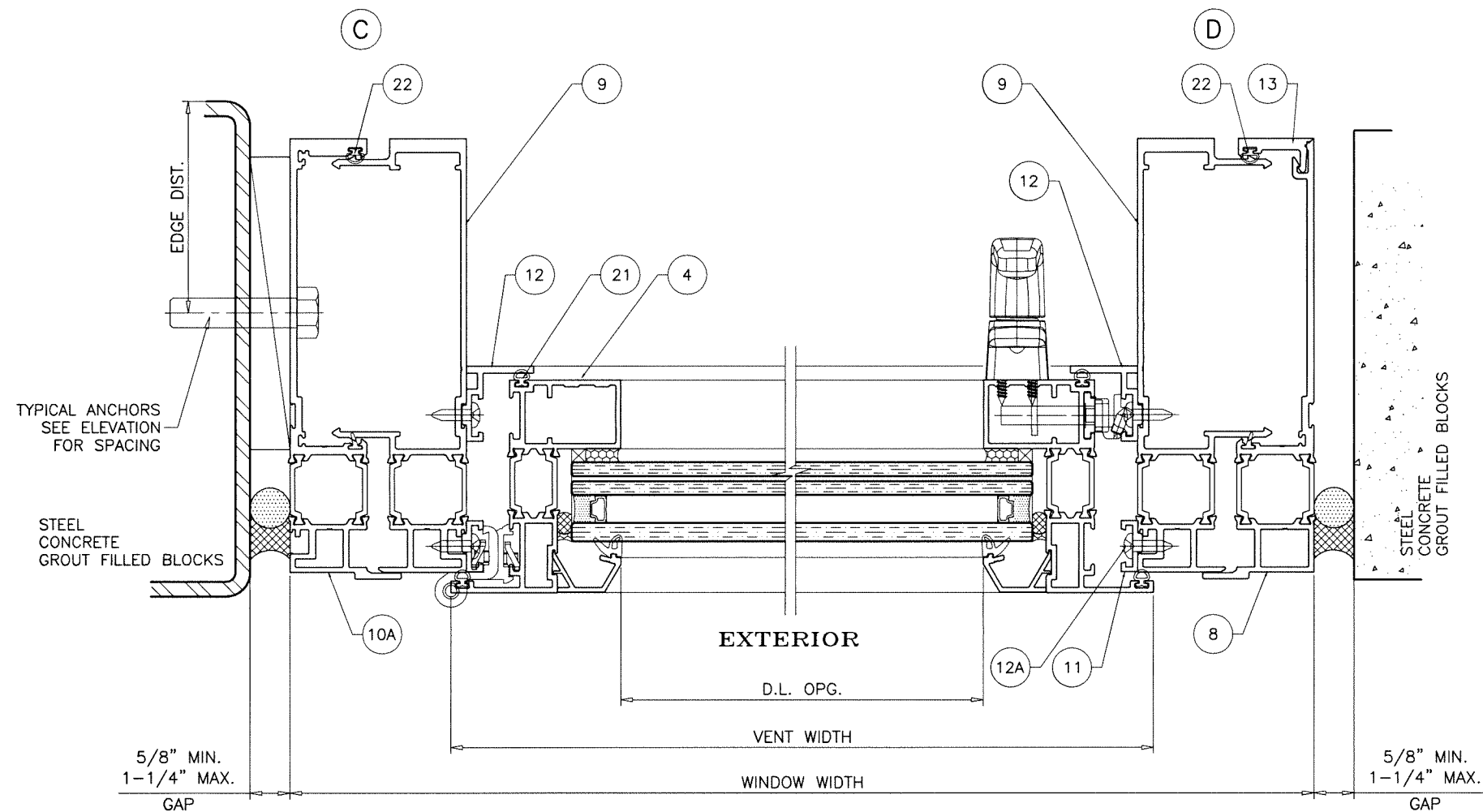
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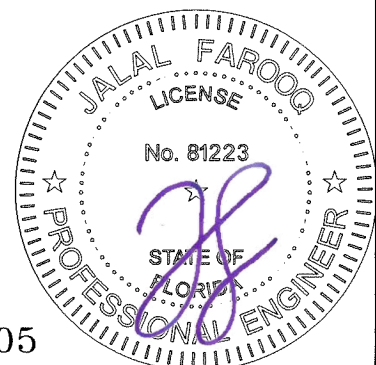
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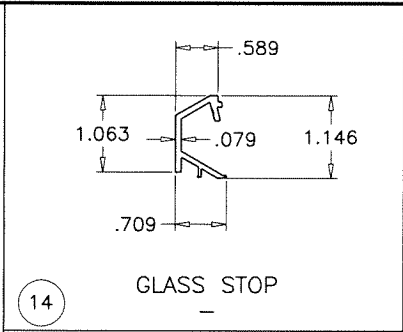
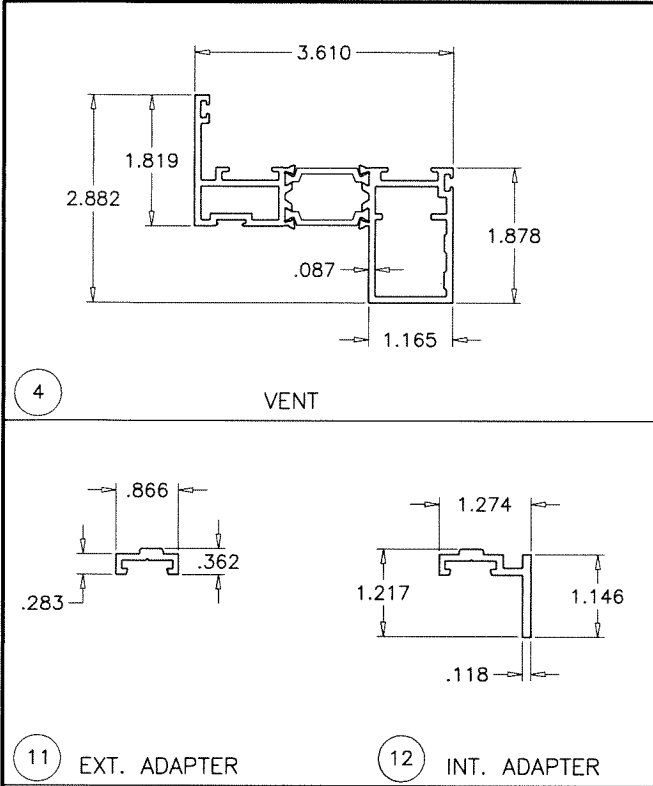


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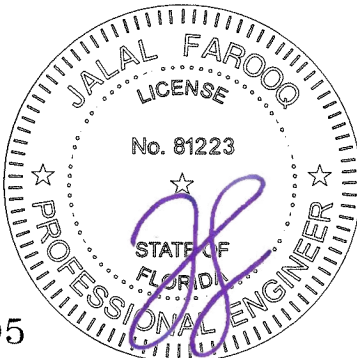
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ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	-	HEAD RECEPTOR	6063-T6	-
2	-	-	HEAD RECEPTOR BACK	6063-T6	-
3	-	-	FRAME HEAD	6063-T6	-
4	-	-	VENT	6063-T6	-
5	-	-	FRAME SILL	6063-T6	-
6	-	-	SILL RECEPTOR	6063-T6	-
7	-	-	SILL RECEPTOR BACK	6063-T6	-
8	-	-	FEMALE MULLION	6063-T6	-
9	-	-	MALE MULLION	6063-T6	-
10	-	-	FEMALE MULLION	6063-T6	-
10A	-	-	FEMALE MULLION	6063-T6	-
11	-	-	EXTERIOR ADAPTER	6063-T6	-
12	-	-	INTERIOR ADAPTER	6063-T6	-
12A	#10 X 3/8"	-	ADAPTER FASTENERS, AT 4" FROM ENDS AND 12" O.C.	6063-T6	-
13	-	-	ZIPPER SNAP	6063-T6	-
14	-	-	GLASS STOP	6063-T6	-
15	-	-	SILL INSERT	6063-T5	-
16	-	-	GLAZING GASKET	EPDM / SILICONE	-
17	-	-	HEAD RECEPTOR GASKET	EPDM / SILICONE	-
18	-	-	PRESS-IN BULB GASKET (SILL)	EPDM / SILICONE	-
19	-	2/ LITE	SETTING BLOCKS 6" LONG, AT 1/4 POINTS	SILICONE	MIN. DUROMETER 70, SHORE A
20	SDP10-3/4"	-	ASSEMBLY FASTENERS	ST. STEEL	-
21	-	-	BULB GASKET	EPDM / SILICONE	-
22	-	-	BULB GASKET	EPDM / SILICONE	-
23	-	-	BULB GASKET	EPDM / SILICONE	-

SEALANTS:
ALL FRAME CORNERS, JOINTS, SEALED WITH SILICONE SEALANT.

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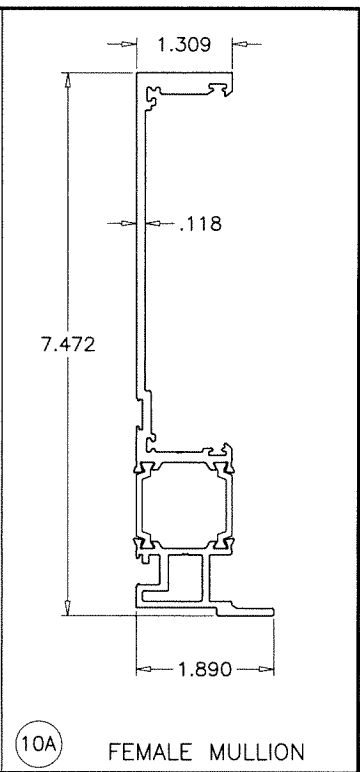
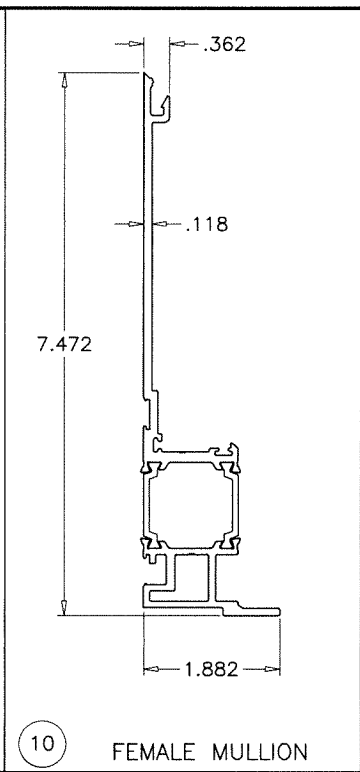
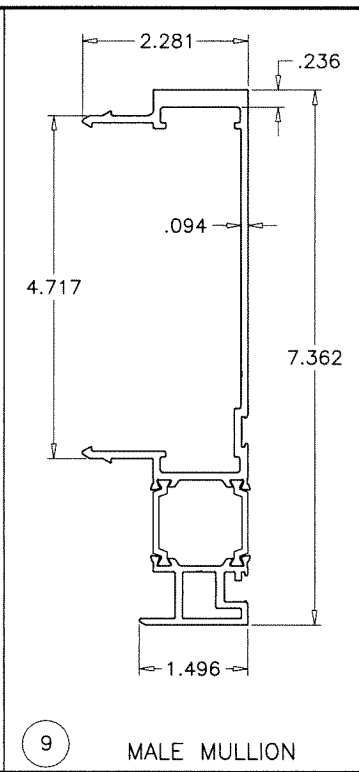
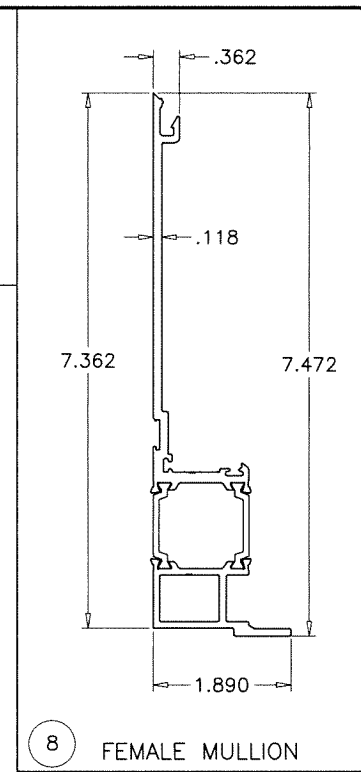
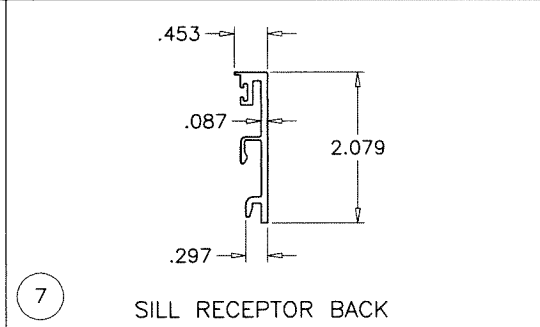
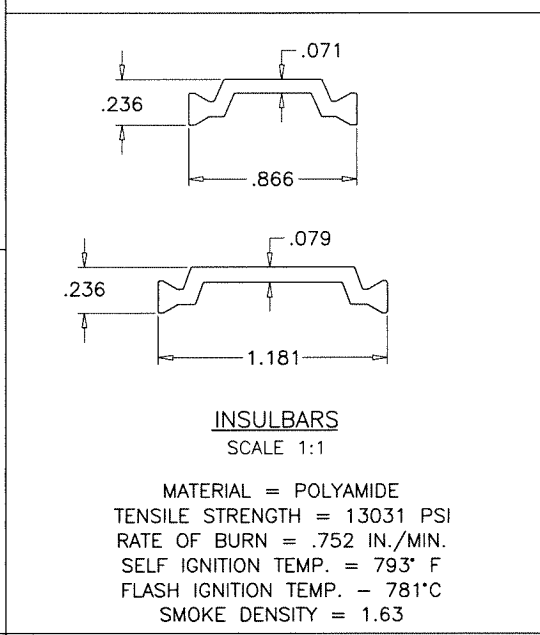
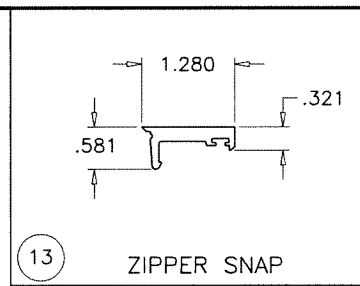
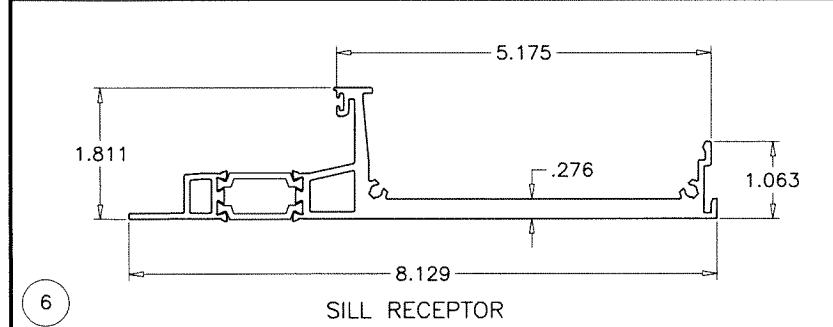
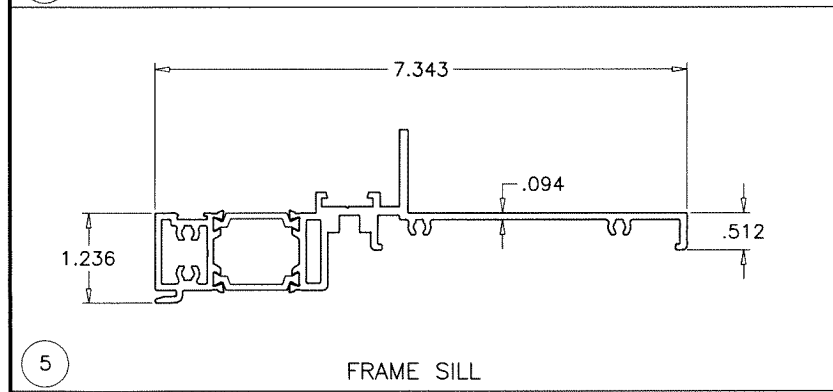
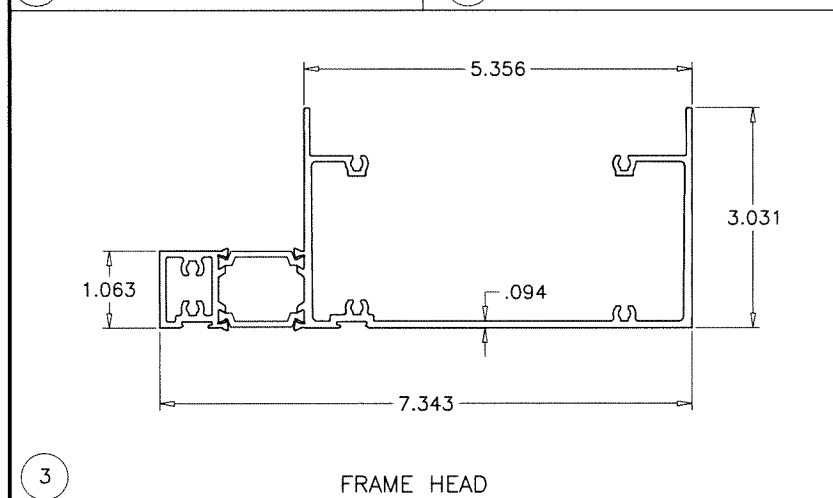
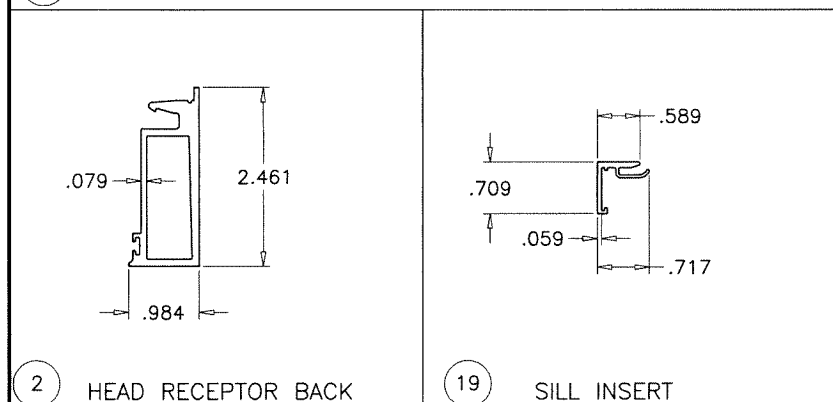
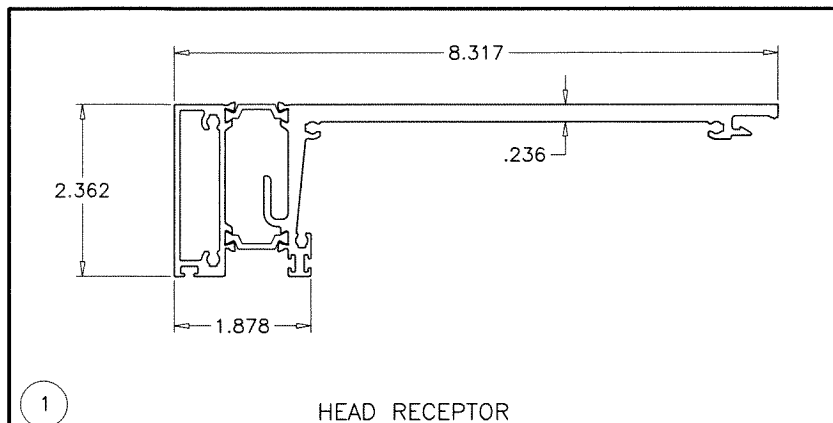
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