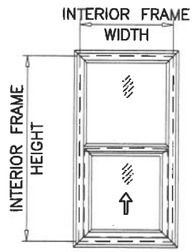
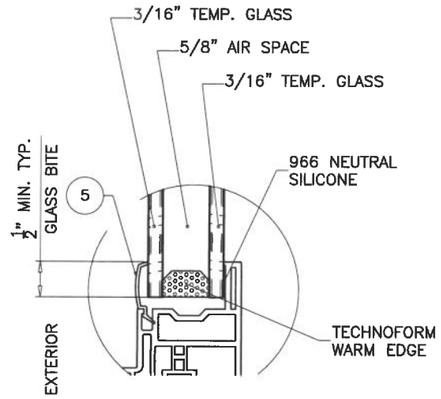
DESIGN LOAD CAPACITY – PSF			
FRAME DIMS.		1" INSUL. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(–)
19–1/8"	26"	40.1	40.1
26–1/2"		40.1	40.1
19–1/8"	38–3/8"	40.1	40.1
26–1/2"		40.1	40.1
19–1/8"	50–5/8"	40.1	40.1
26–1/2"		40.1	40.1
19–1/8"	56"	40.1	40.1
26–1/2"		40.1	40.1
19–1/8"	63"	40.1	40.1
26–1/2"		40.1	40.1
19–1/8"	72"	40.1	40.1
26–1/2"		40.1	40.1
19–1/8"	76"	40.1	40.1
26–1/2"		40.1	40.1



EQUAL LITES

DESIGN LOAD CAPACITY – PSF			
FRAME DIMS.		1" INSUL. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(–)
24"	36"	40.1	40.1
30"		40.1	40.1
36"		40.1	40.1
24"	42"	40.1	40.1
30"		40.1	40.1
36"		40.1	40.1
24"	48"	40.1	40.1
30"		40.1	40.1
36"		40.1	40.1
24"	54"	40.1	40.1
30"		40.1	40.1
36"		40.1	40.1
24"	60"	40.1	40.1
30"		40.1	40.1
36"		40.1	40.1
24"	66"	40.1	40.1
30"		40.1	40.1
36"		40.1	40.1
24"	72"	40.1	40.1
30"		40.1	40.1
36"		40.1	40.1
24"	78"	40.1	40.1
30"		40.1	40.1
24"	84"	40.1	40.1
30"		40.1	40.1



GLASS DETAIL

1" OVERALL INSUL. GLASS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300–16 (3 SEC. GUSTS).

THESE WINDOWS ARE NOT RATED FOR IMPACT.
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

W1 VINYL 87
SINGLE HUNG WINDOW (N.I.–NON HVHZ)

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ABOVE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2026 (NINTH EDITION) FLORIDA BUILDING CODE FOR NON HIGH VELOCITY HURRICANE ZONE.

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.

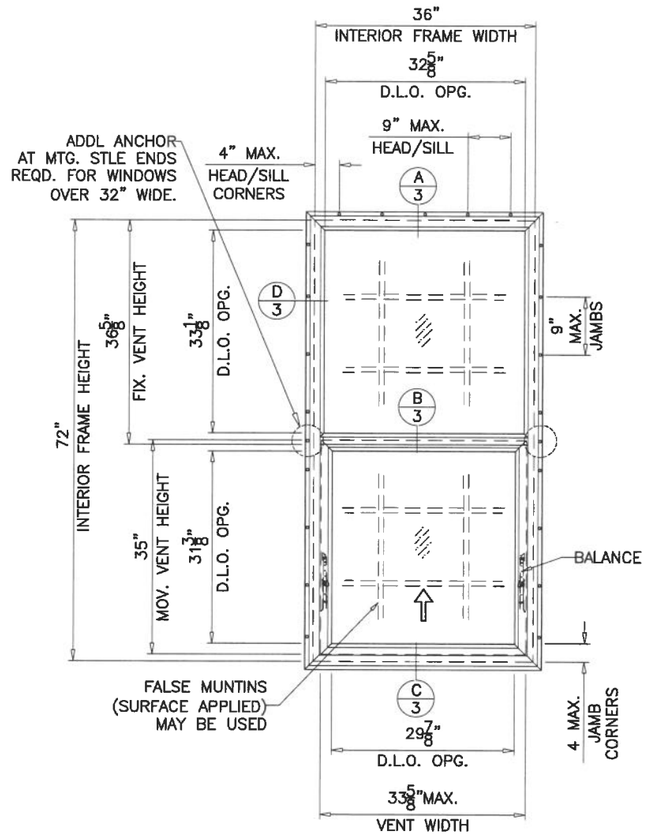
ALL SHIMS TO BE HIGH IMPACT, NON–METALLIC AND NON–COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2026 (NINTH EDITION) 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.



TYPICAL ELEVATION

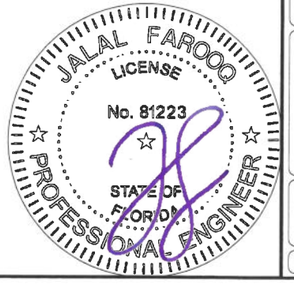
TESTED UNIT

FIN FRAMES

FASTENERS AND CONNECTORS (AS APPLICABLE), SHOWN IN THIS APPROVAL MAY NOT MEET CORROSION RESISTANCE REQUIREMENTS FOR COASTAL OR SALT WATER EXPOSURE ZONES. COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711

Sealed: 7/13/2026

FL #47066



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.

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

W1 VINYL 87 – VINYL SINGL HUNG WINDOW (N.I.)

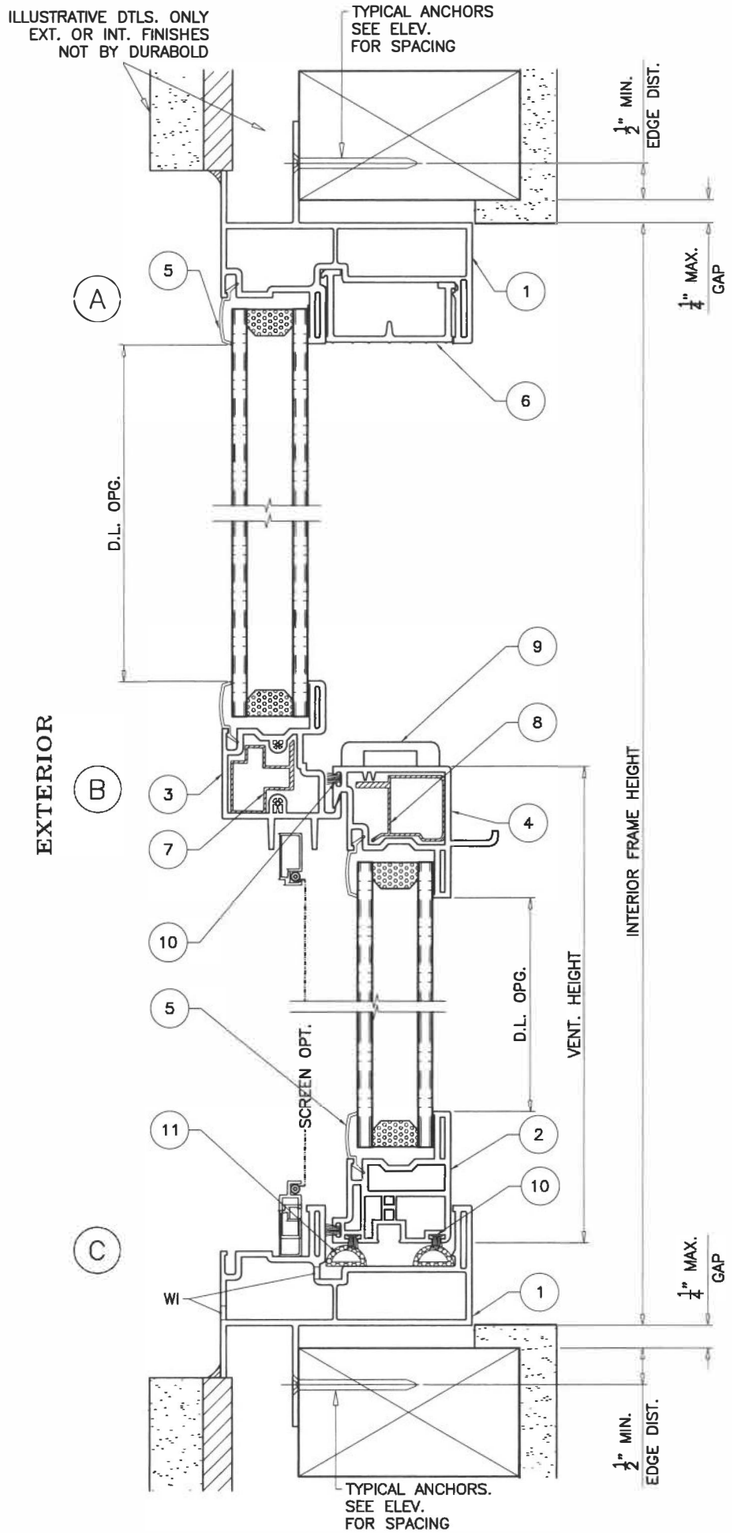
YOUNG CORPORATION OF AMERICA dba DURALBOLD
4261 Communications Dr.
Norcross, GA 30093
Phone: 626–673–8987

revisions:			
no	date	by	description
A	07.10.26		UPDATED TO 2026 FBC

date: 10–03–24
scale:
dr. by: Cindy R.
chk. by:

drawing no.
24–68F

sheet 1 of 3



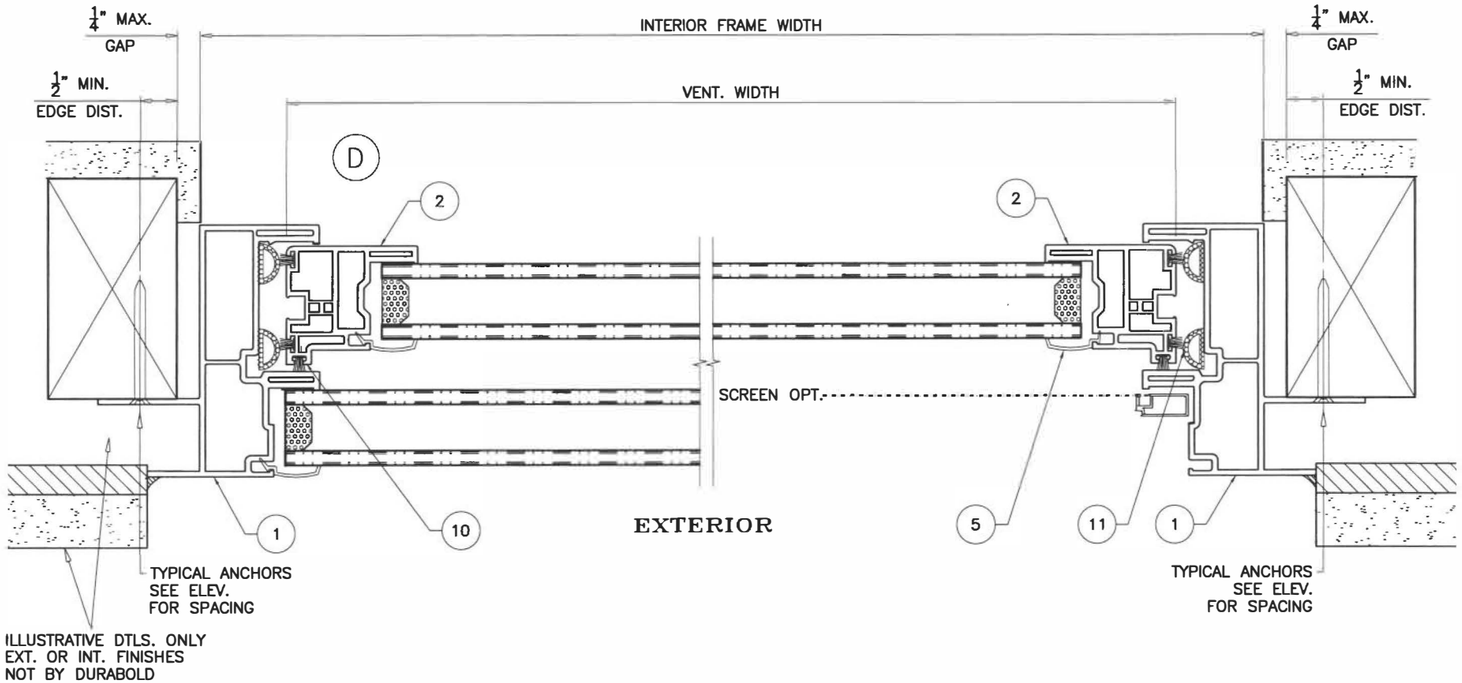
TYPICAL ANCHORS: SEE ELEV. FOR SPACING
FIN FRAMES

#8 SMS (GRADE 2 CRS)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
1/2" MIN. EDGE DISTANCE

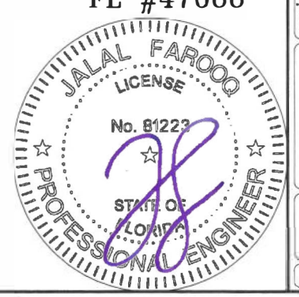
WEEPHOLES:

W1 = 3/16" X 1 1/4" WEEP SLOTS AT 8" FROM EACH END.



FIN FRAMES

FL #47066



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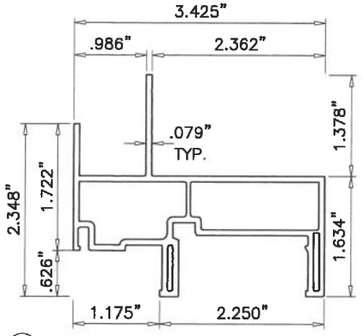
Phone: 626-673-8987

revisions:

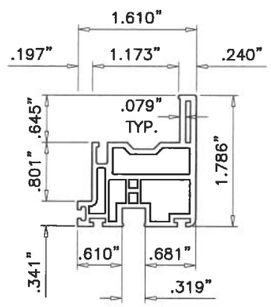
no	date	by	description

date: 10-03-24
scale: 1-1/2"=1'-0"
dr. by: Cindy R.
chk. by:

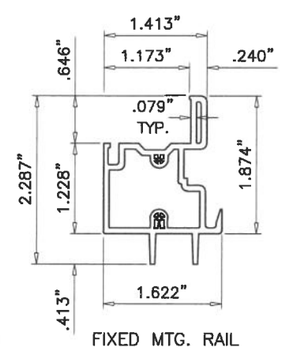
drawing no. 24-68F



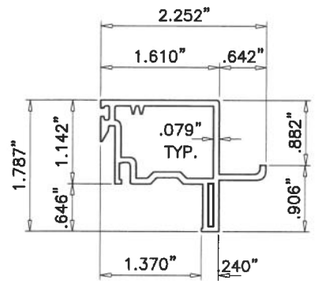
(1) FRAME



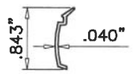
(2) VENT RAIL



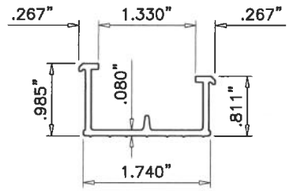
(3) FIXED MTG. RAIL



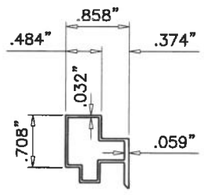
(4) VENT TOP RAIL



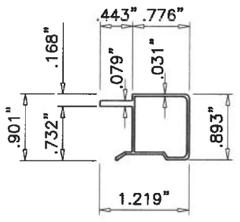
(5) GLAZING BEAD



(6) FRAME COVER

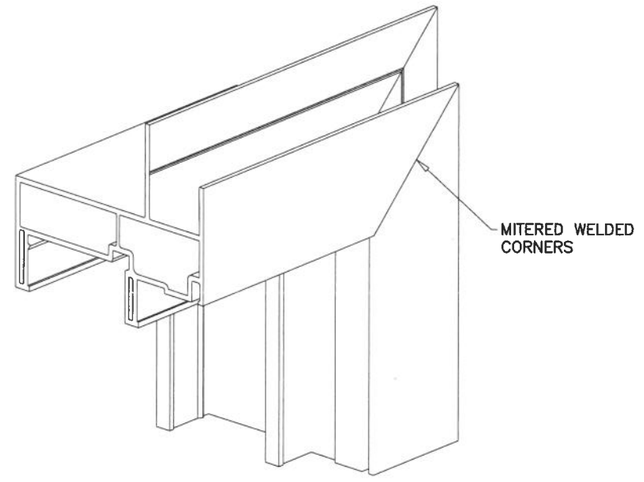


(7) FIXED MTG. RAIL REINF.

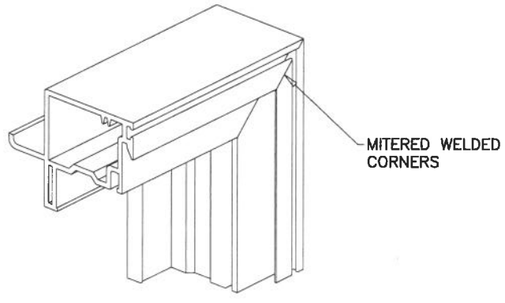


(8) VENT TOP RAIL REINF.

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	–	1	FRAME	PVC	–
2	–	3/VENT	VENT RAIL	PVC	–
3	–	1	FIXED MTG. RAIL (MULLION AS PER MANUF)	PVC	–
4	–	1/VENT	VENT TOP RAIL	PVC	–
5	–	AS REQD.	GLAZING BEAD	PVC	–
6	–	AS REQD.	FRAME COVER	PVC	–
7	–	AS REQD.	FIXED MTG. RAIL REINFORCING	6063–T5	–
8	–	AS REQD.	VENT TOP RAIL REINFORCING	6063–T5	–
9	–	2/VENT	CRESCENT LOCK AT VENT TOP RAIL	–	–
10	–	AS REQD.	FIN SEAL W'STRIPPING (.197 X .157)	–	–
11	–	AS REQD.	BULB W'STRIPPING	–	–



FRAME CORNERS



VENT CORNERS

FL #47066

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

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sheet 3 of 3