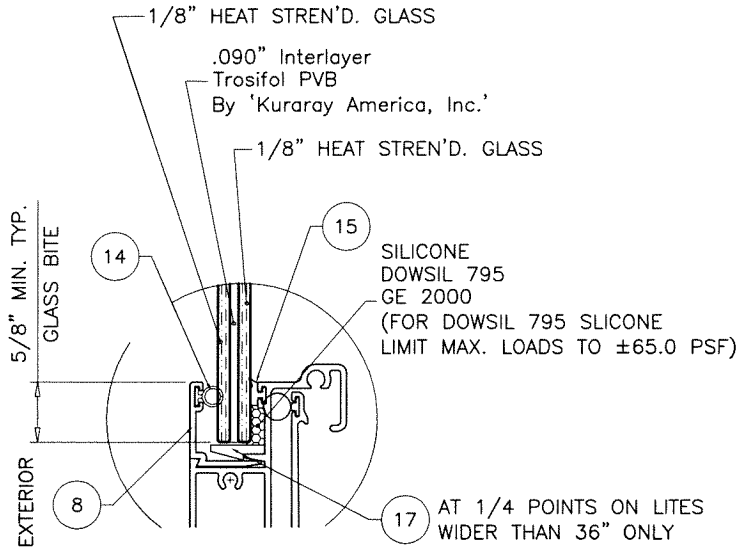


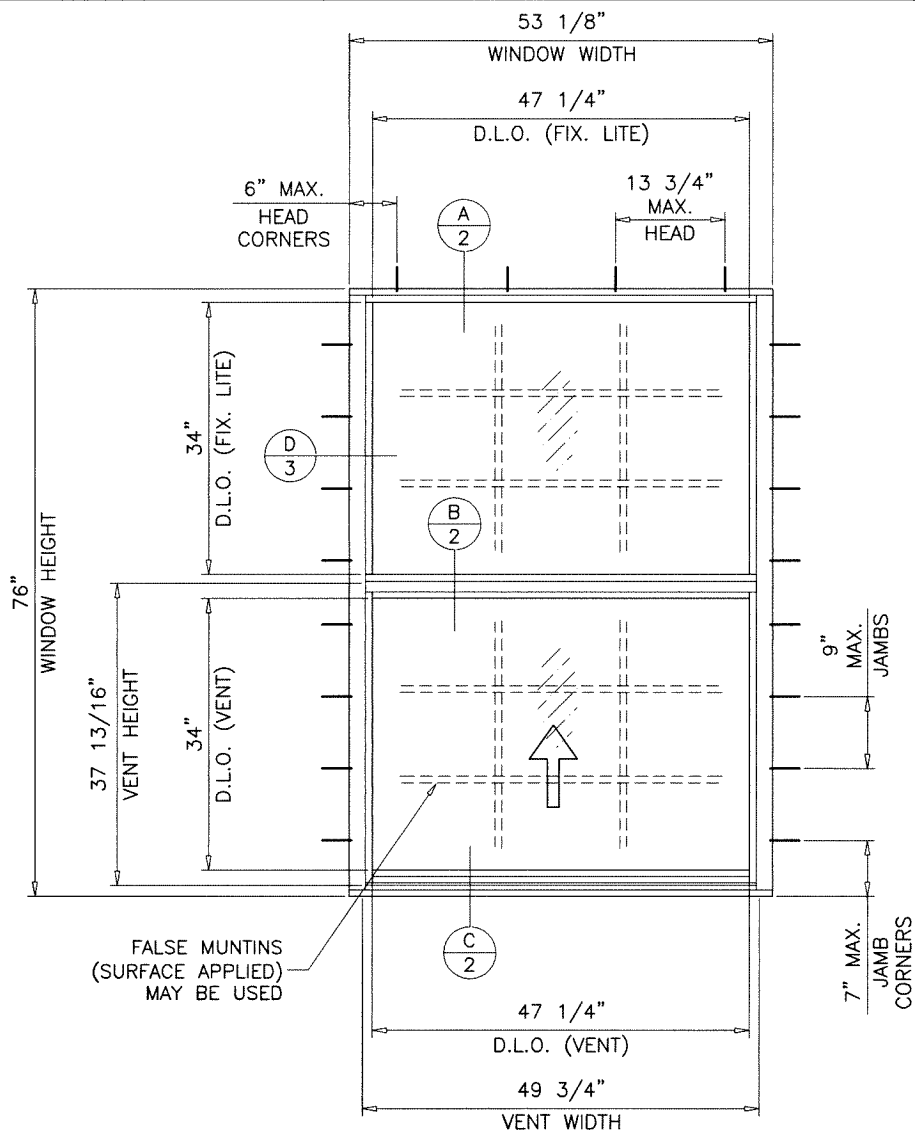
DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		5/16" LAM. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26"	65.0	80.0
26-1/2"		65.0	80.0
37"		65.0	80.0
53-1/8"		65.0	80.0
19-1/8"	38-3/8"	65.0	80.0
26-1/2"		65.0	80.0
37"		65.0	80.0
53-1/8"		65.0	80.0
19-1/8"	50-5/8"	65.0	80.0
26-1/2"		65.0	80.0
37"		65.0	80.0
53-1/8"		65.0	80.0
19-1/8"	56"	65.0	80.0
26-1/2"		65.0	80.0
37"		65.0	80.0
53-1/8"		65.0	80.0
19-1/8"	63"	65.0	80.0
26-1/2"		65.0	80.0
37"		65.0	80.0
53-1/8"		65.0	80.0
19-1/8"	72"	65.0	80.0
26-1/2"		65.0	80.0
37"		65.0	80.0
53-1/8"		65.0	80.0
19-1/8"	76"	65.0	80.0
26-1/2"		65.0	80.0
37"		65.0	80.0
53-1/8"		65.0	80.0

DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		5/16" LAM. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
24"	36"	65.0	80.0
30"		65.0	80.0
36"		65.0	80.0
42"		65.0	80.0
48"		65.0	80.0
24"	48"	65.0	80.0
30"		65.0	80.0
36"		65.0	80.0
42"		65.0	80.0
48"		65.0	80.0
24"	60"	65.0	80.0
30"		65.0	80.0
36"		65.0	80.0
42"		65.0	80.0
48"		65.0	80.0
24"	72"	65.0	80.0
30"		65.0	80.0
36"		65.0	80.0
42"		65.0	80.0
48"		65.0	80.0
24"	78"	65.0	80.0
30"		65.0	80.0
36"		65.0	80.0
42"		65.0	80.0
48"		65.0	80.0
24"	84"	65.0	80.0
30"		65.0	80.0
36"		65.0	80.0
42"		65.0	80.0
48"		65.0	80.0



GLAZING DETAIL
5/16" OVERALL LAM. GLASS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



TYPICAL ELEVATION
TESTED UNIT

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

Sealed: 04/16/2026

FL #41887

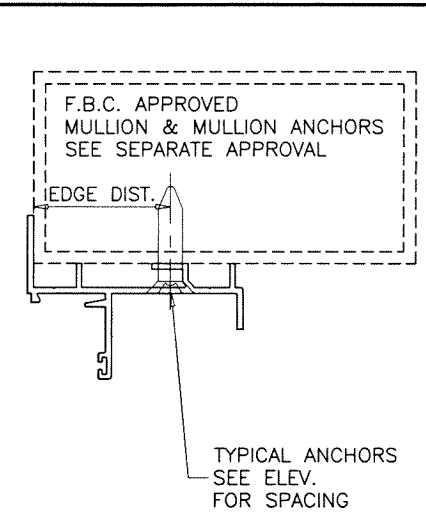
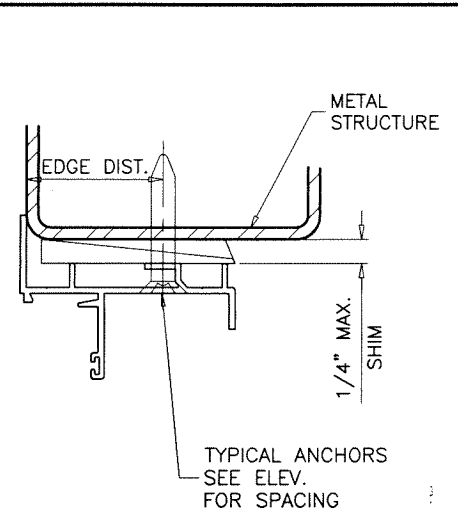
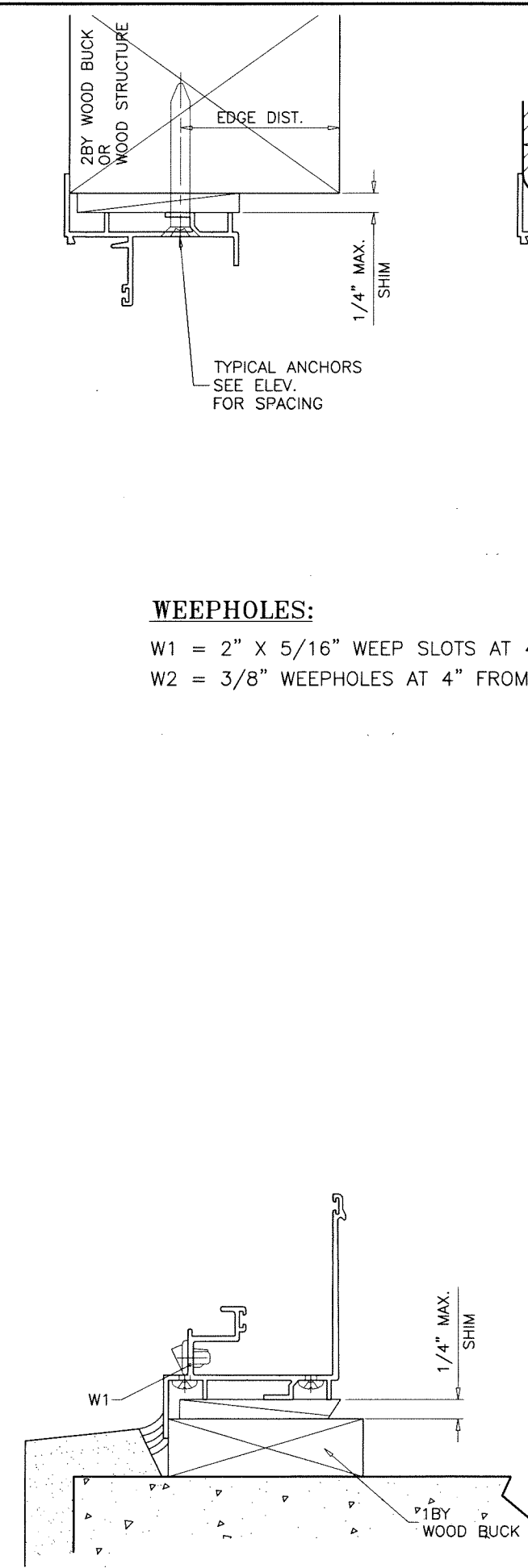
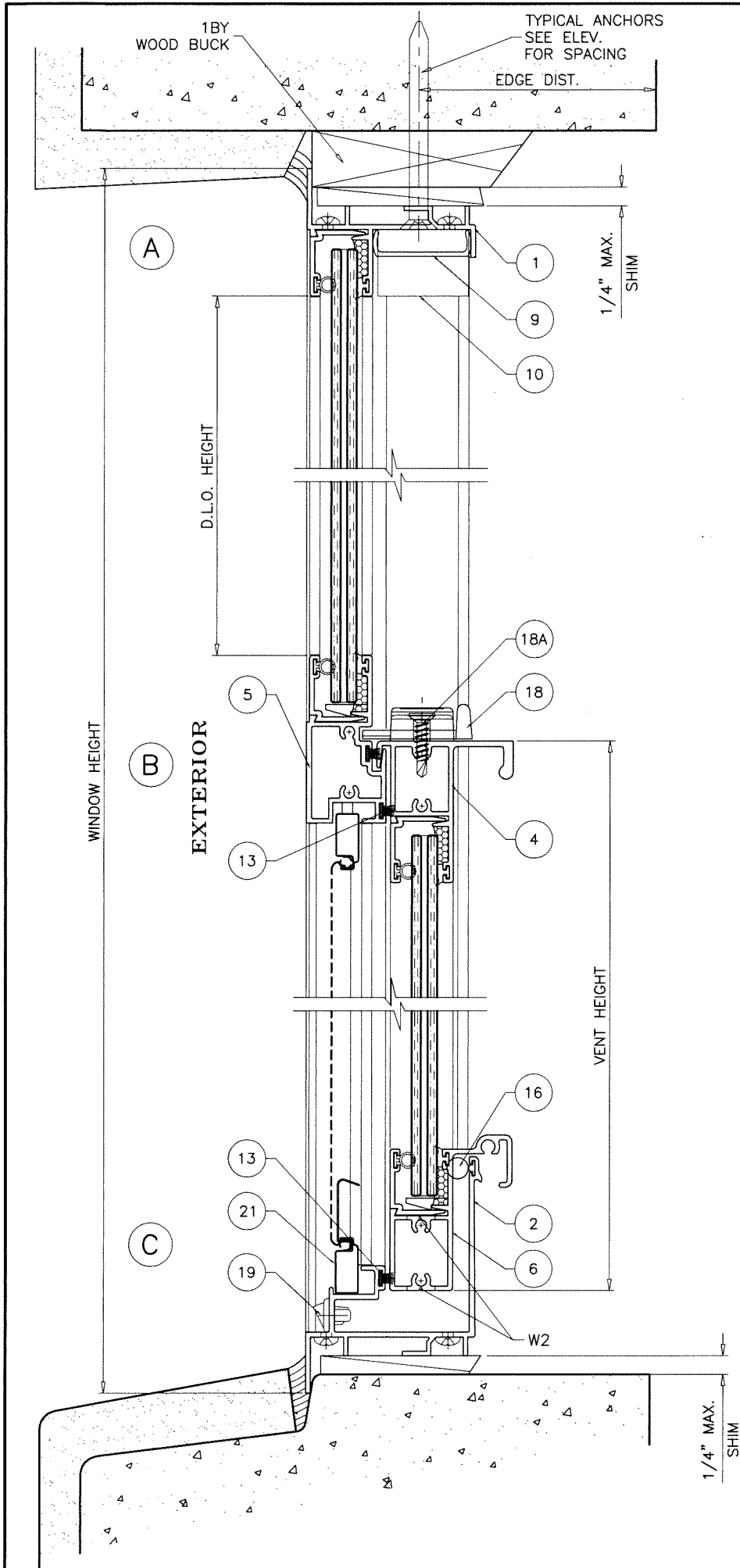
- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- C- 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.



afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538

MG-350 ALUMINUM SINGLE HUNG WDW. (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963
www.mrglasswindows.com

revisions:		no		date		by		description	
A		07.18.23		07.18.23		A		UPDATED TO 2023 FBC	
B		04.15.26		04.15.26		B		FLUSH FRAME ADAPTER ADDED	
date:		01-09-23		scale:		1/2" = 1'-0"		dr. by: TARIQ	
drawing no.		23-02F		chk. by:					
sheet		1 of 5							



WOOD BUCKS AND METAL STRUCTURE NOT BY 'MR-GLASS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

WEEPHOLES:

- W1 = 2" X 5/16" WEEP SLOTS AT 4" FROM EACH END
- W2 = 3/8" WEEPHOLES AT 4" FROM EACH END

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- 1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=148 KSI)
- INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
- 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
- THRU 1BY BUCKS INTO CONC. OR BLOCKS
- 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
- 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
- DIRECTLY INTO CONCRETE OR BLOCKS
- 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
- 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

- #14 SMS OR SELF-DRILLING SCREWS** (GRADE 2 CRS)
- INTO F.B.C. APPROVED MULLIONS
- OR
- INTO METAL STRUCTURES (HEAD/JAMBS)
- (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
- ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
- STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
- (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

CRITICAL EDGE DISTANCE

- INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
- INTO WOOD STRUCTURE = 1" MIN.
- INTO METAL STRUCTURE = 3/4" MIN.

- WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
- CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
- C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



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COMP-ANL 23-02F-MG

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revisions:

no	date	by description

date: 01-09-23

scale: 1/2" = 1"

dr. by: TARIQ

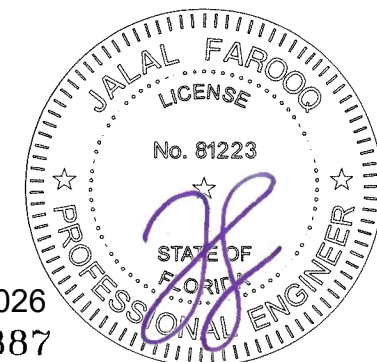
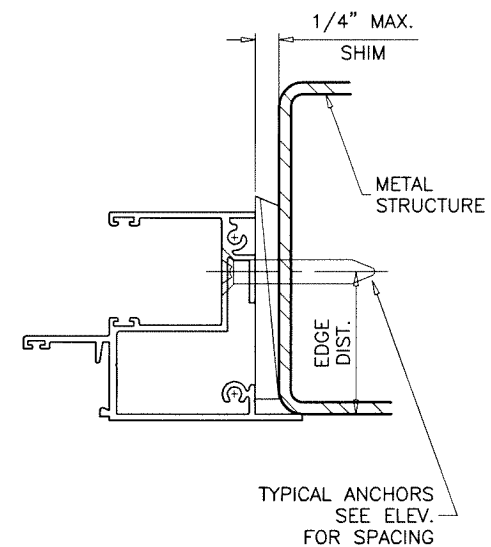
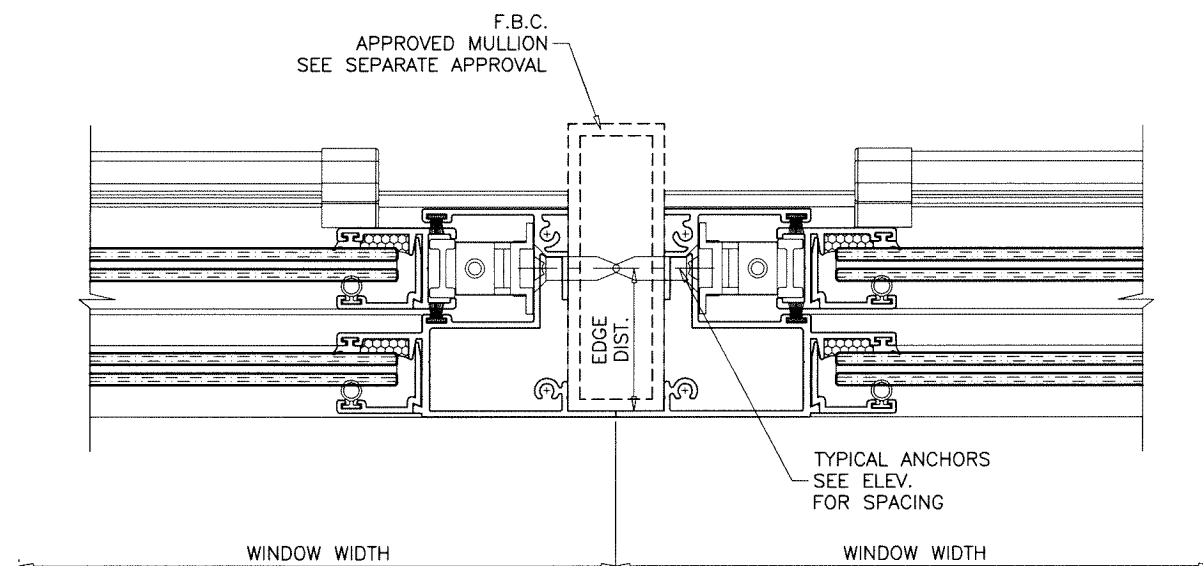
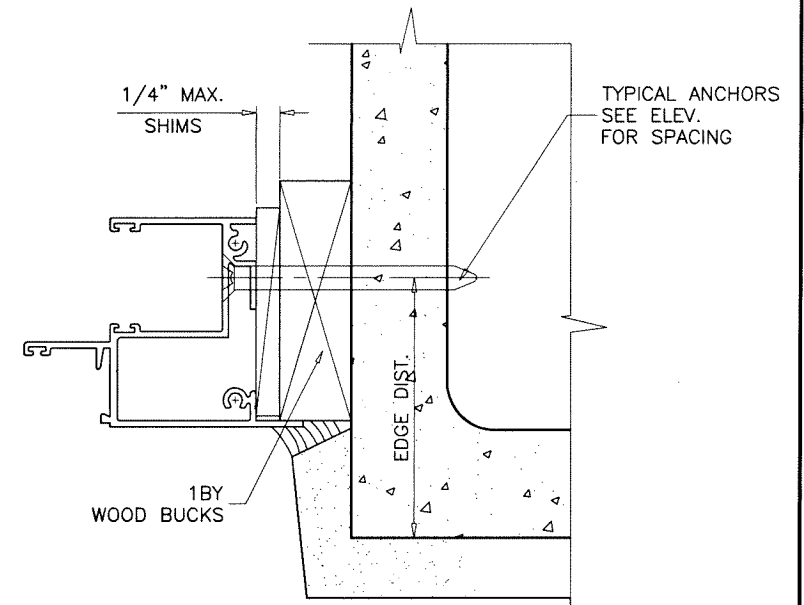
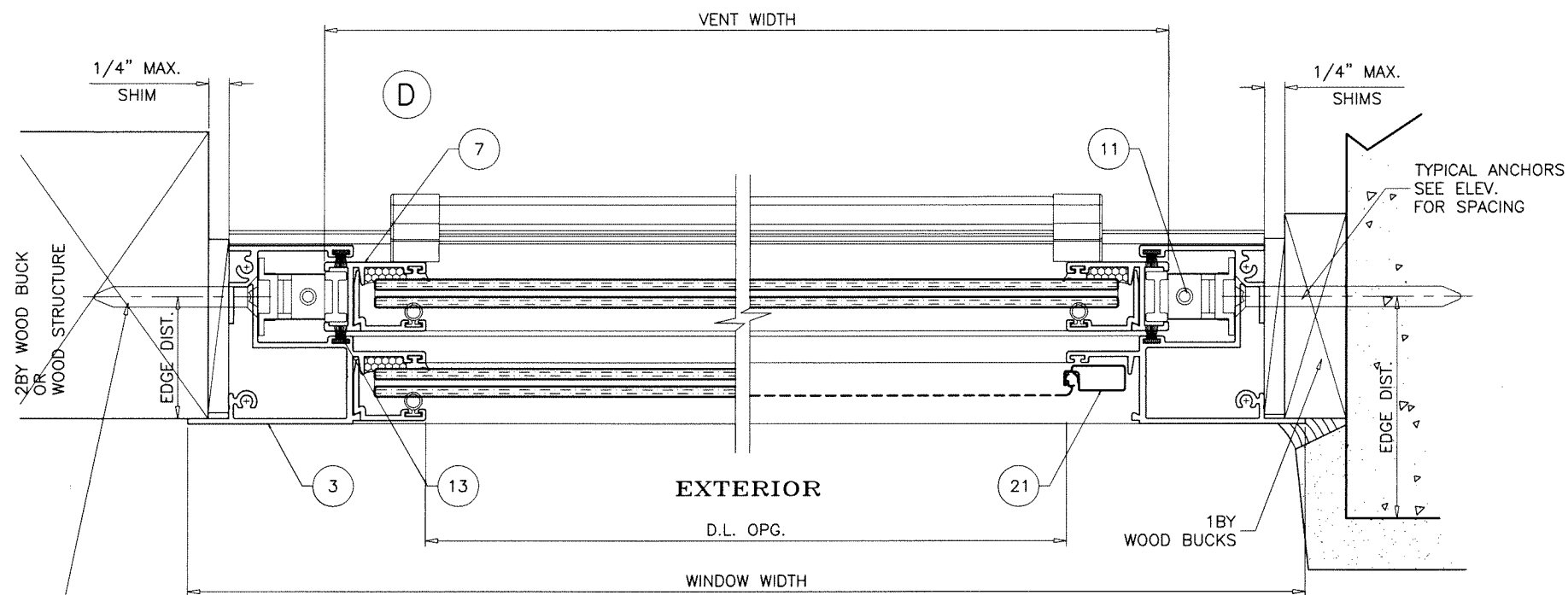
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drawing no.

23-02F

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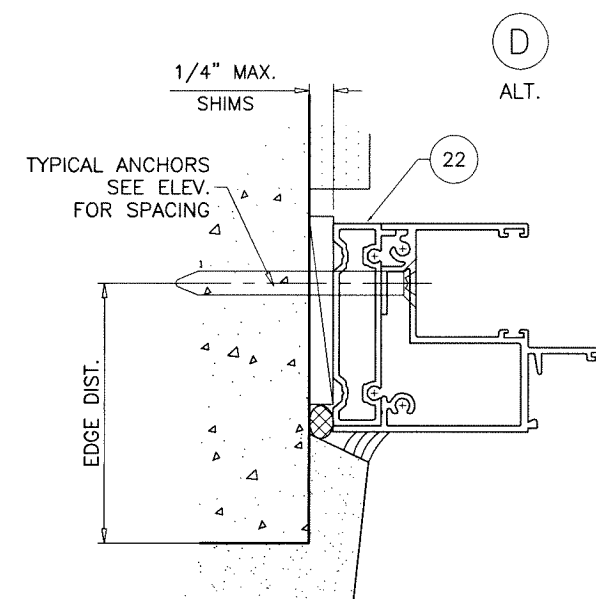
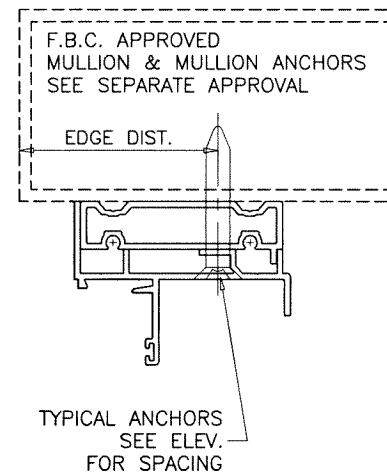
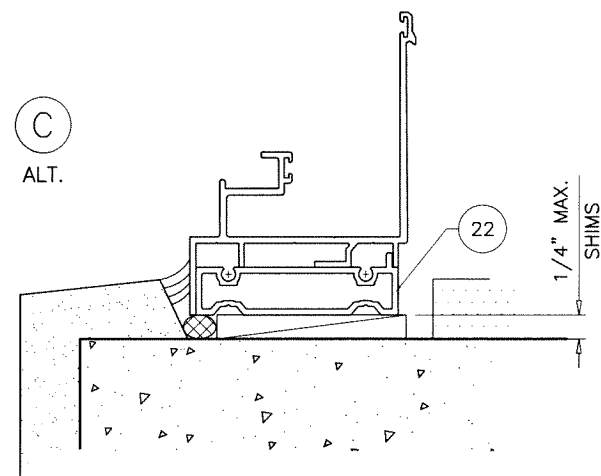


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								sheet 3 of 5	

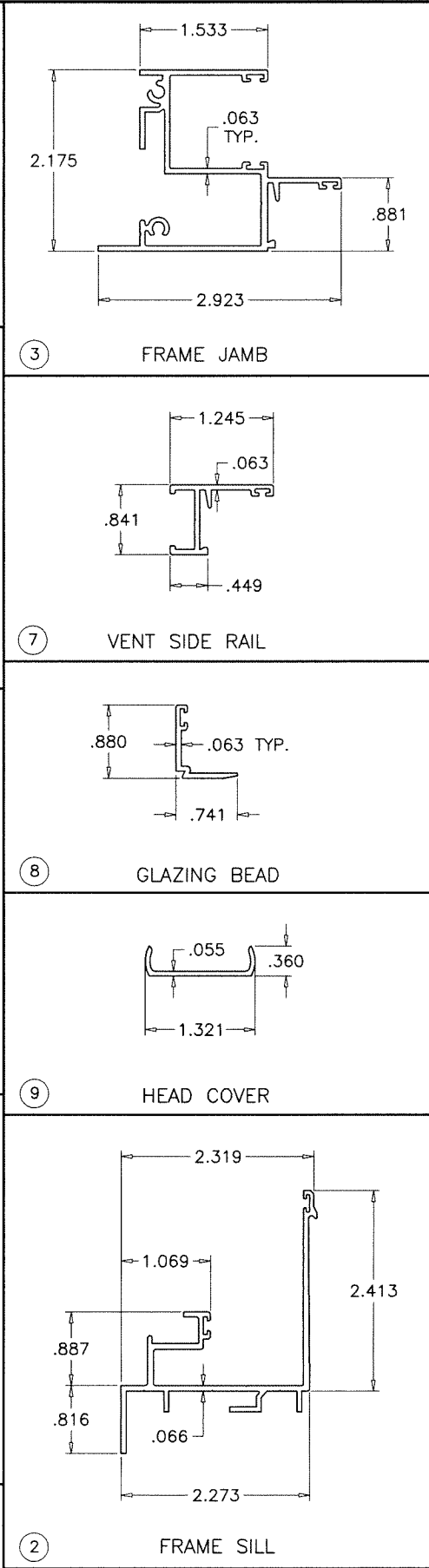
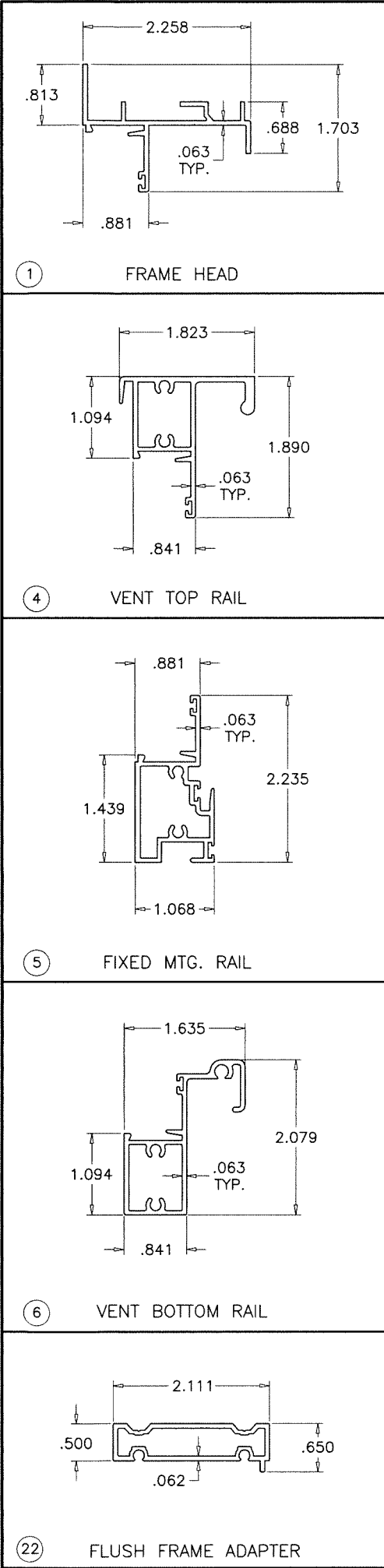


A circular professional engineer seal for Jalal Farooq. The outer ring contains the text "JALAL FAROOQ" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top and "STATE OF FLORIDA" is at the bottom, also separated by two stars. The center of the seal features the license number "No. 81223" and a large, stylized purple signature. To the left of the seal, the numbers "026" and "387" are printed vertically.

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23-02F		scale: 1/2" = 1"		no	
				date	
				by	
				description	
sheet 3.1 of 5		dr. by: TARIQ			
		chk. by:			



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E-354	1	FRAME HEAD	6063-T6	-
2	E-353	2	FRAME SILL	6063-T6	-
3	E-352	2	FRAME JAMB	6063-T6	-
4	E-357	1/ VENT	VENT TOP RAIL	6063-T6	-
5	E-355	1	FIXED MTG. RAIL	6063-T6	-
6	E-358	1/ VENT	VENT BOTTOM RAIL	6063-T6	-
7	E-356	2/ VENT	VENT SIDE RAIL	6063-T6	-
8	E-361	AS REQD.	GLAZING BEAD	6063-T6	-
9	E-365	AS REQD.	HEAD COVER	6063-T5	-
10	E-366	AS REQD.	VENT STOP	6063-T5	-
11	-	2/ VENT	BLOCK & TACKLE BALANCE	-	-
12	#8 X 1-1/2"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	ST. STEEL	PH SMS
13	G35-01	AS REQD.	FIN SEAL W'STRIPPING (.19 X .187)	-	ULTRAFAB
14	G20-07	AS REQD.	EXTERIOR GLAZING GASKET	NEOPRENE	ULTRAFAB
15	G25-01	AS REQD.	INTERIOR GLAZING GASKET	NEOPRENE	CPI
16	G25-03	AS REQD.	SILL W'STRIPPING	VINYL/FOAM	AMESBURY
17	G35-02	AS REQD.	SETTING BLOCKS, AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
18	L2-01	2/ VENT	SWEEP LATCH, AT 9" FROM EACH END	ZAMAK	SULLIVAN & ASSOC.
18A	#8 X 1"	2/ LATCH	LATCH INST. SCREW	ST. STEEL	FH SMS
19	G2-01	2/ WDW.	HI-FLOW WEEPER	-	PREFERRED ENGINEERING PRODUCTS
20	-	2/ VENT	VENT GUIDE	-	IDH
21	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL
22	E-364	AS REQD.	FLUSH FRAME ADAPTER	6063-T6	-

SEALANTS:
ALL FRAME AND VENT CORNERS AND FIXED MEETING RAIL AT EACH END SEALED WITH ALUMINUM COLORED SEALANT.



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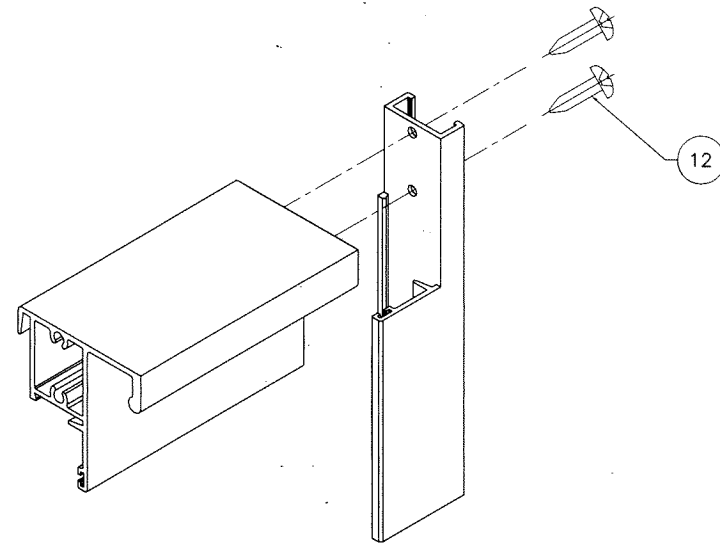
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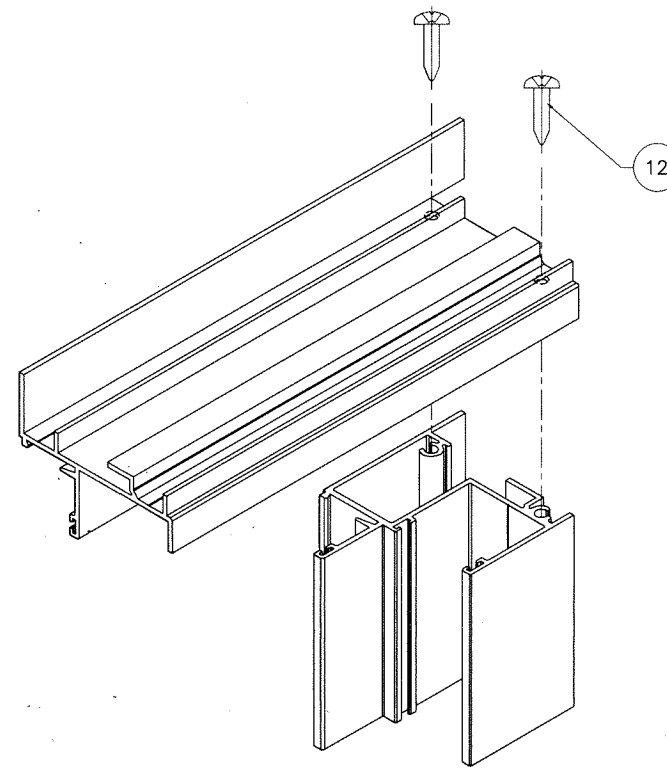
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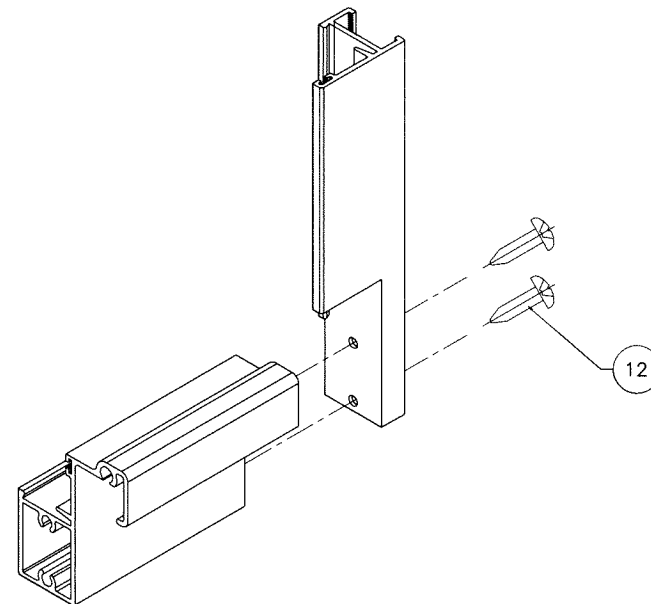
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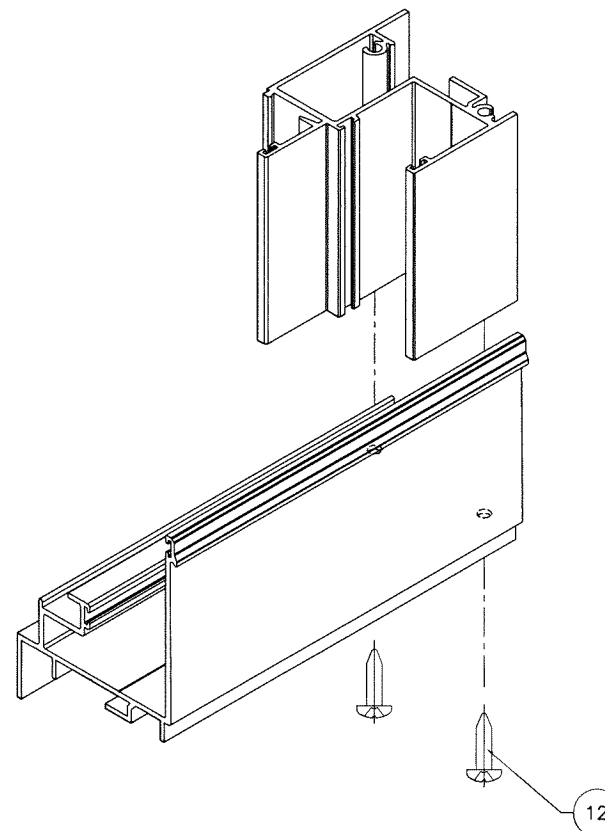
VENT TOP CORNER



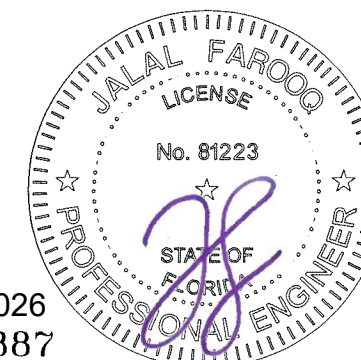
FRAME TOP CORNER



VENT BOTTOM CORNER



FRAME BOTTOM CORNER



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drawing no.
23-02F
sheet 5 of 5