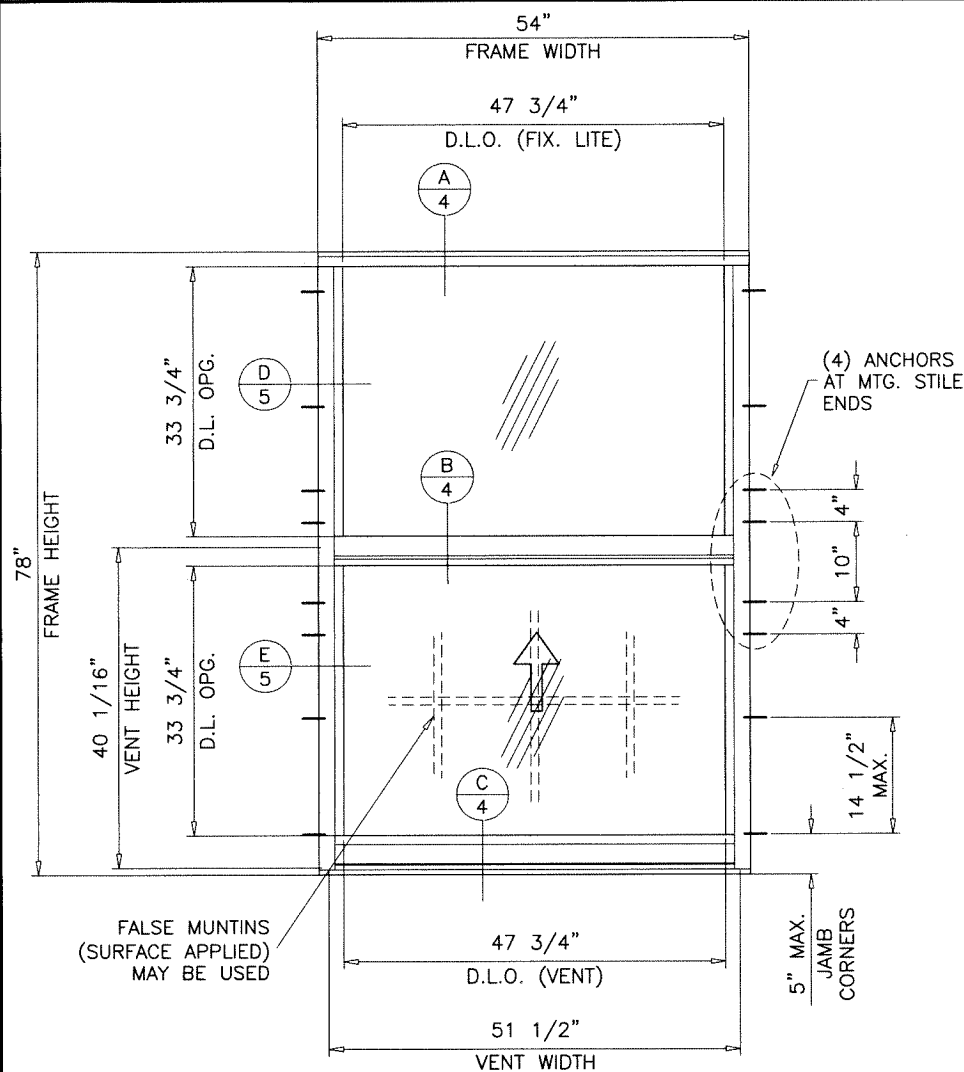
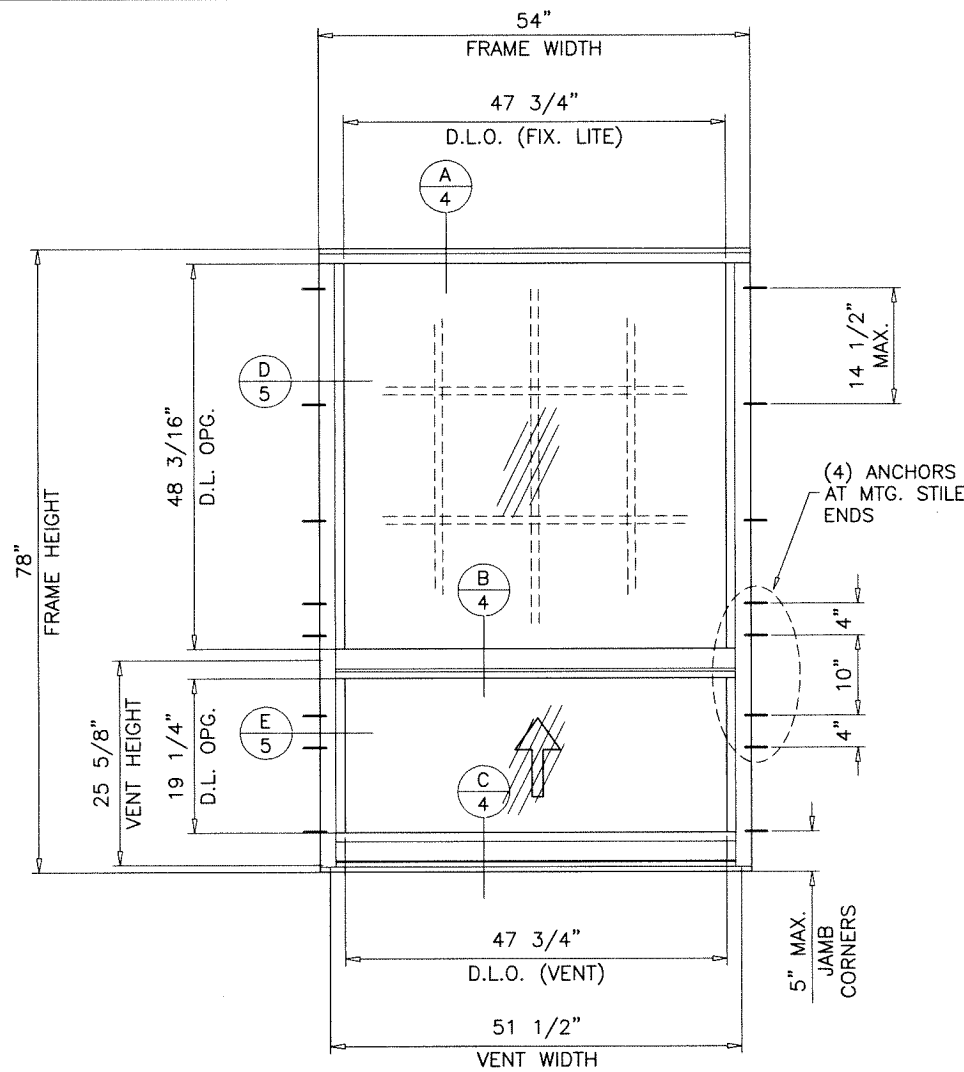
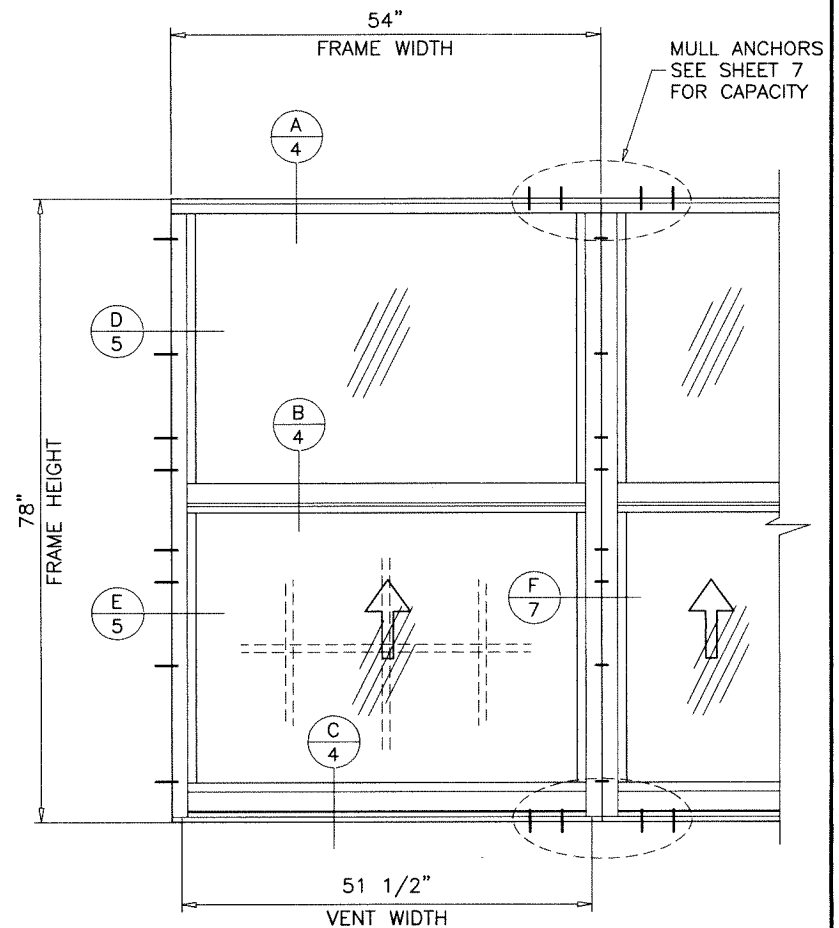




TYPICAL ELEVATION
(EQUAL LITES WDW.)
(TESTED UNIT)



TYPICAL ELEVATION
(UNEQUAL LITES WDW.)



MULLED WDWs. OPTION
(SEE SHEET 7 FOR DETAILS)

GRANDEUR SERIES-2023 ALUMINUM SINGLE HUNG WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING F.B.C. APPROVED MULLIONS IN BETWEEN.

FOR COMBINATIONS OF S.H./S.H. WINDOWS IN MODULES OF TWO OR MORE WDWs. USING SUNSHINE CUSTOM MULLION IN BETWEEN SEE CHART ON SHEET 6.

LOWER DESIGN PRESSURE FROM WINDOWS 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)/2026 (9TH 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 LOAD-BEARING, (HIGH DENSITY PLASTIC/COMPOSITE, METAL OR OTHER RIGID MATERIALS).

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023/2026 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)'.

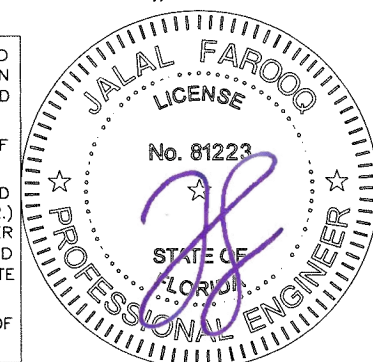
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

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.

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

Sealed: 9/22/2026

FL #46578

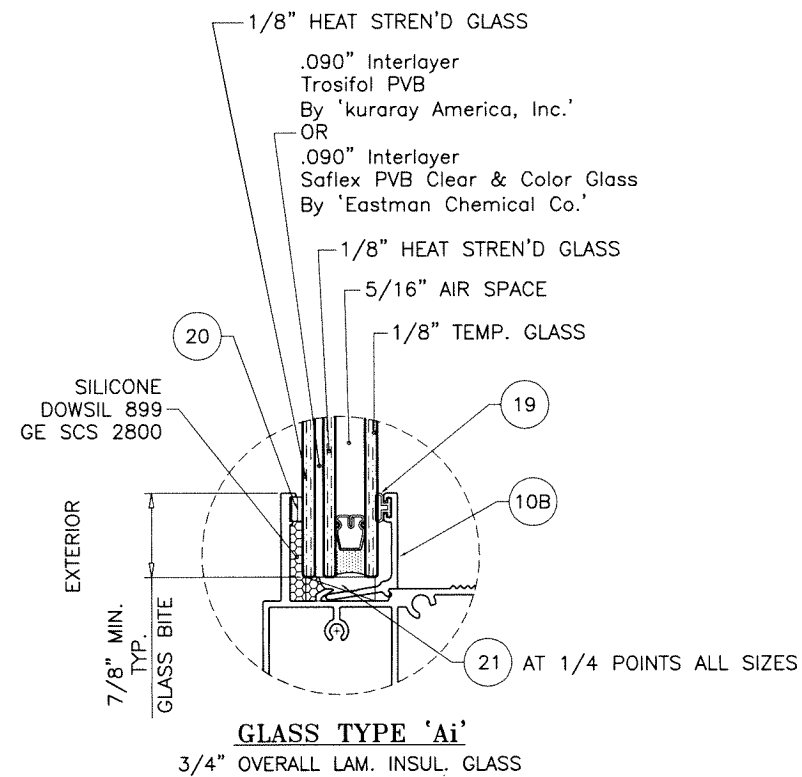
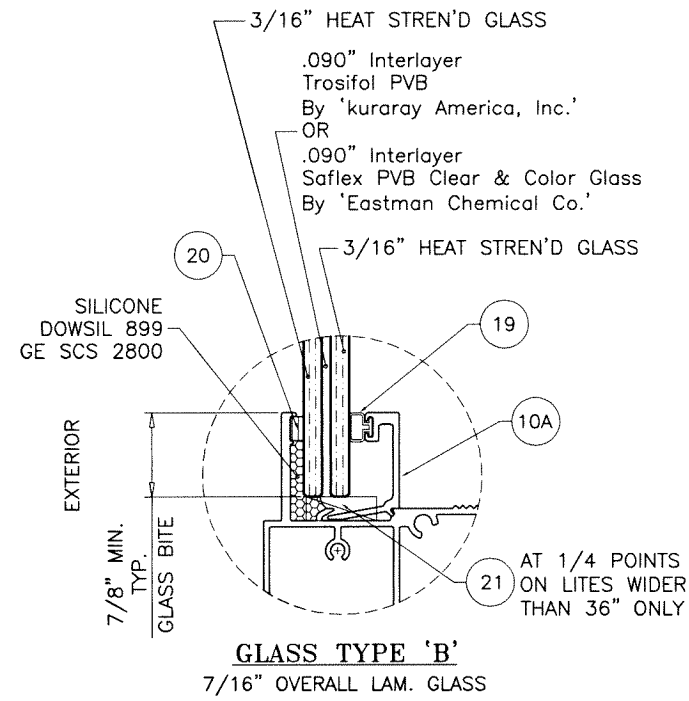
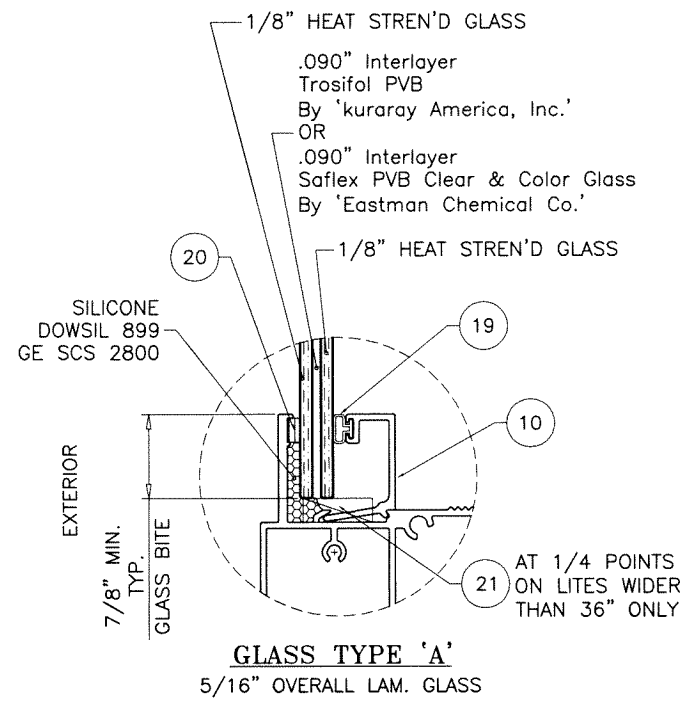


- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- C- 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
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\23-61F-SWM

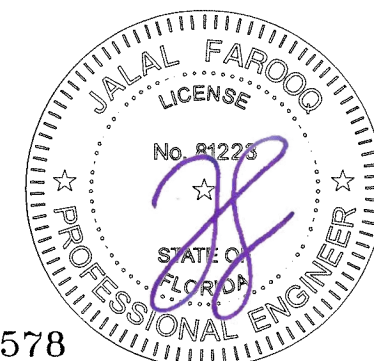
GRANDEUR SERIES-2023 ALUM S.H. WDW. (L.M.I.)
Sunshine Windows Manufacturing, Inc.
1785 West 33rd Place
Hialeah, FL. 33012
Tel. (305) 364-9952 Fax. (305) 828-5118

revisions:	no.	date	by	description
	A	09.16.26		UPDATED TO 2026 FBC
date:	12-15-23			
scale:	1/2"=1'-0"			
dr. by:	TARIQ			
chk. by:				
drawing no.	23-61F			
sheet	1 of 9			



5/16" AIR SPACE CONSISTING OF:
SPACER:
'HELIMA' LOW PROFILE ALUMINUM SPACER
BY 'LINGERMANN GMBH'
AROUND THE PERIMETER OF THE GLASS.
PERIMETER SEALANT:
SILICONE
DOWSIL 791
GE 2000

Sealed: 9/22/2026



FL #46578

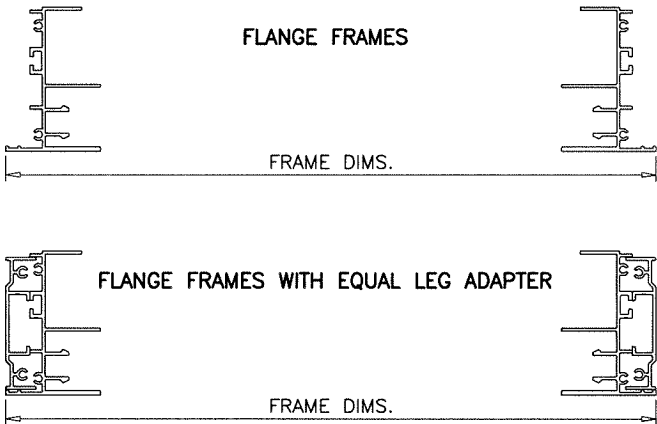
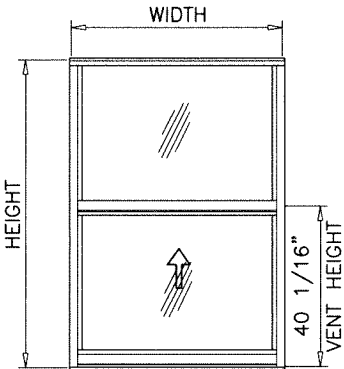
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\23-61F-SWM

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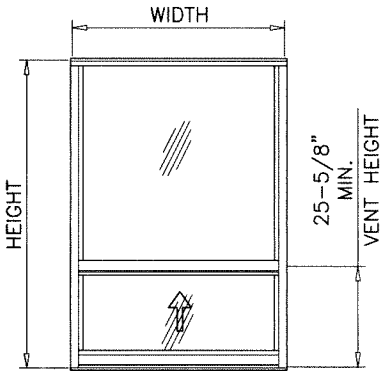
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dr.	by: TARIQ	chk.	by:
drawing no.		23-61F	
sheet		2 of 9	

EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPES 'A', 'Ai' & 'B'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
19-1/8"	26"	90.0	90.0
26-1/2"		90.0	90.0
37"		90.0	90.0
53-1/8"		90.0	90.0
19-1/8"	38-3/8"	90.0	90.0
26-1/2"		90.0	90.0
37"		90.0	90.0
53-1/8"		90.0	90.0
19-1/8"	50-5/8"	90.0	90.0
26-1/2"		90.0	90.0
37"		90.0	90.0
53-1/8"		90.0	90.0
19-1/8"	56"	90.0	90.0
26-1/2"		90.0	90.0
37"		90.0	90.0
53-1/8"		90.0	90.0
19-1/8"	63"	90.0	90.0
26-1/2"		90.0	90.0
37"		90.0	90.0
53-1/8"		90.0	90.0
19-1/8"	74-1/4"	90.0	90.0
26-1/2"		90.0	90.0
37"		90.0	90.0
53-1/8"		90.0	90.0

EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPES 'A', 'Ai' & 'B'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
24"	48"	90.0	90.0
30"		90.0	90.0
32"		90.0	90.0
36"		90.0	90.0
42"		90.0	90.0
48"		90.0	90.0
54"		90.0	90.0
24"	60"	90.0	90.0
30"		90.0	90.0
32"		90.0	90.0
36"		90.0	90.0
42"		90.0	90.0
48"		90.0	90.0
54"		90.0	90.0
24"	72"	90.0	90.0
30"		90.0	90.0
32"		90.0	90.0
36"		90.0	90.0
42"		90.0	90.0
48"		90.0	90.0
54"		90.0	90.0
24"	78"	90.0	90.0
30"		90.0	90.0
32"		90.0	90.0
36"		90.0	90.0
42"		90.0	90.0
48"		90.0	90.0
54"		90.0	90.0
24"	84"	90.0	90.0
30"		90.0	90.0
32"		90.0	90.0
36"		90.0	90.0
42"		90.0	90.0
48"		90.0	90.0
54"		90.0	90.0
24"	96"	90.0	90.0
30"		90.0	90.0
32"		90.0	90.0
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42"		90.0	90.0
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54"		90.0	90.0



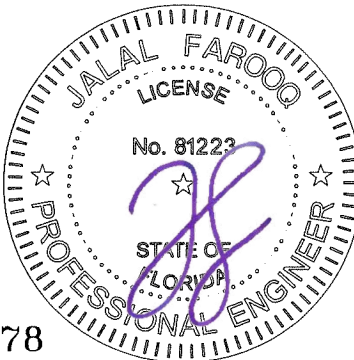
UNEQUAL LITES (ORIEL TYPE) WINDOWS DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPES 'A', 'Ai' & 'B'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
19-1/8"	56"	90.0	90.0
26-1/2"		90.0	90.0
37"		90.0	90.0
53-1/8"		90.0	90.0
19-1/8"	63"	90.0	90.0
26-1/2"		90.0	90.0
37"		90.0	90.0
53-1/8"		90.0	90.0
19-1/8"	74-1/4"	90.0	90.0
26-1/2"		90.0	90.0
37"		90.0	90.0



UNEQUAL LITES (ORIEL TYPE) WINDOWS DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPES 'A', 'Ai' & 'B'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
24"	60"	90.0	90.0
30"		90.0	90.0
32"		90.0	90.0
36"		90.0	90.0
42"		90.0	90.0
48"		90.0	90.0
54"		90.0	90.0
24"	72"	90.0	90.0
30"		90.0	90.0
32"		90.0	90.0
36"		90.0	90.0
42"		90.0	90.0
48"		90.0	90.0
24"	78"	90.0	90.0
30"		90.0	90.0
32"		90.0	90.0
36"		90.0	90.0
24"	84"	90.0	90.0
30"		90.0	90.0
32"		90.0	90.0
36"		90.0	90.0
24"	96"	90.0	90.0
30"		90.0	90.0

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

Sealed: 9/22/2026



af c

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MIAMI, FLORIDA 33173
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COMP-ANL\23-61F-SWM

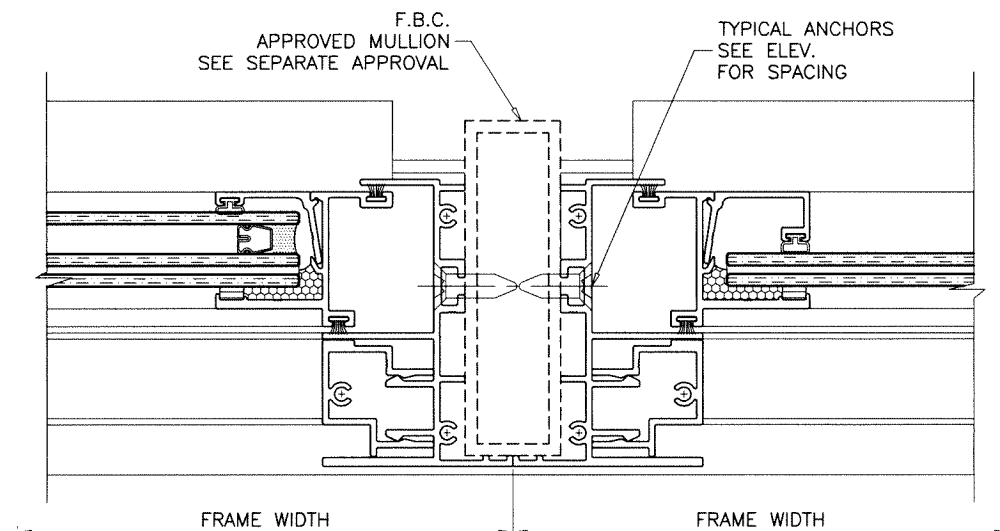
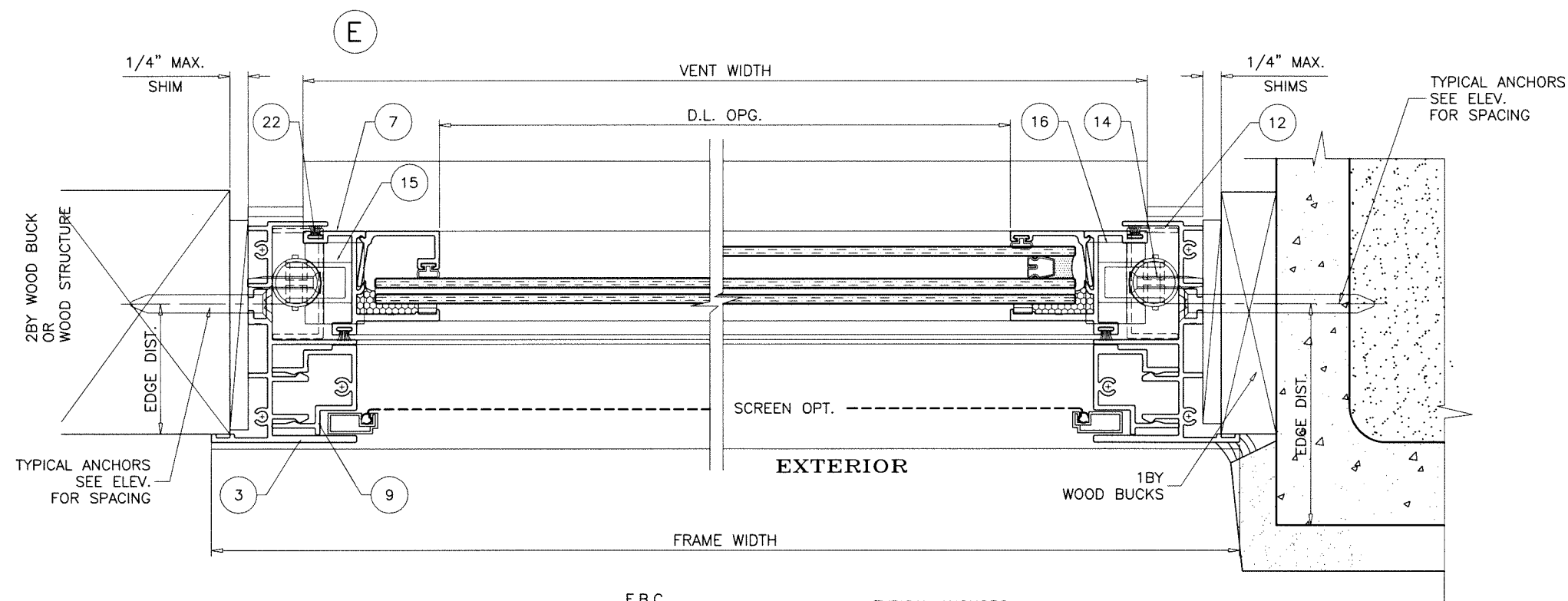
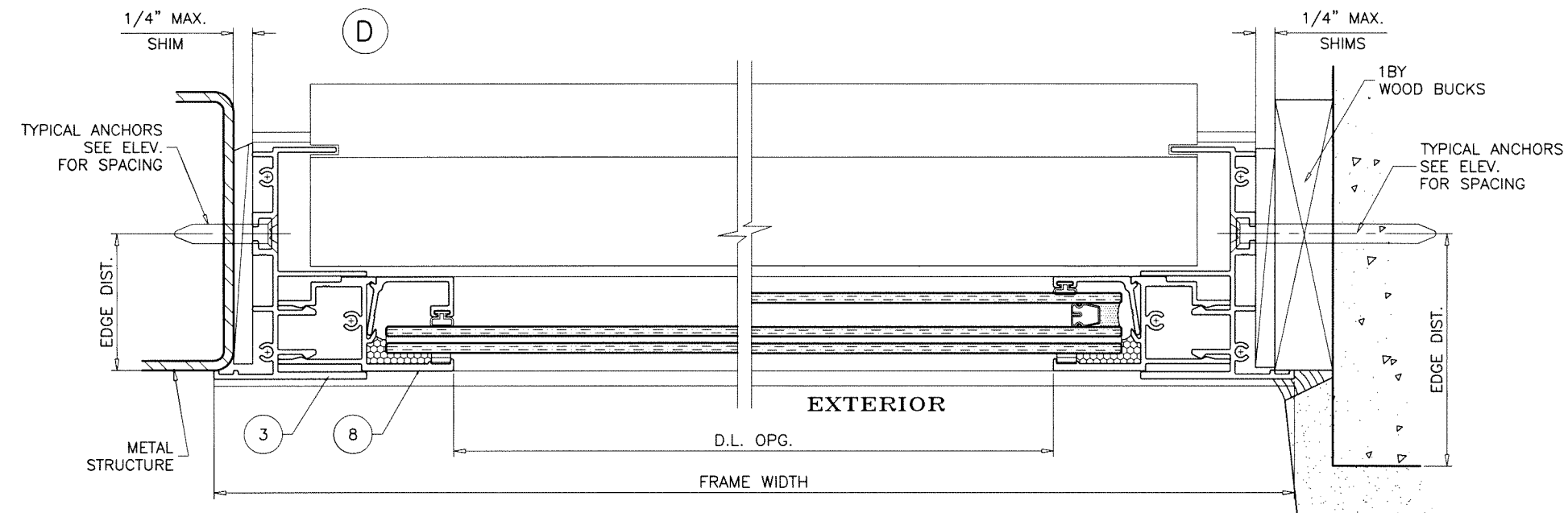
GRANDEUR SERIES-2023 ALUM S.H. WDW. (L.M.I.)

Sunshine Windows Manufacturing, Inc.
1785 West 33rd Place
Hialeah, FL. 33012
Tel. (305) 364-9952 Fax. (305) 828-5118

revisions:
no date by description

date: 12-15-23
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
23-61F
sheet 3 of 9



Sealed: 9/22/2026



FL #46578

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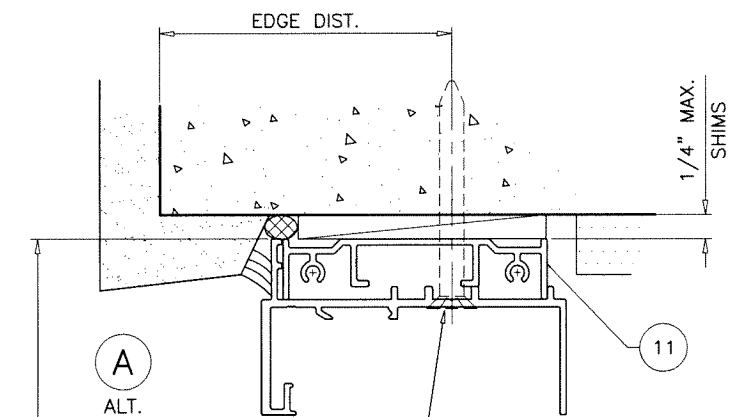
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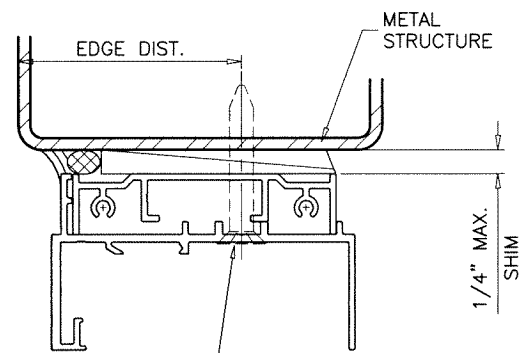
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23-61F

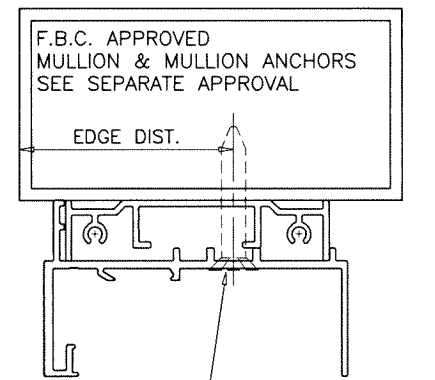
sheet 5 of 9



TYPICAL ANCHORS
REQD. AT
MULLED WDWS. ONLY



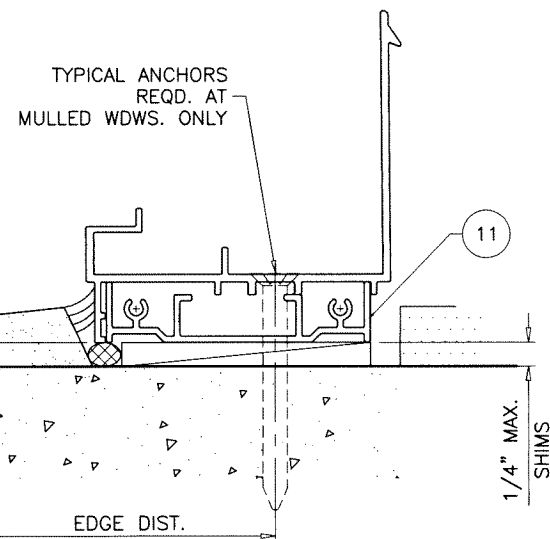
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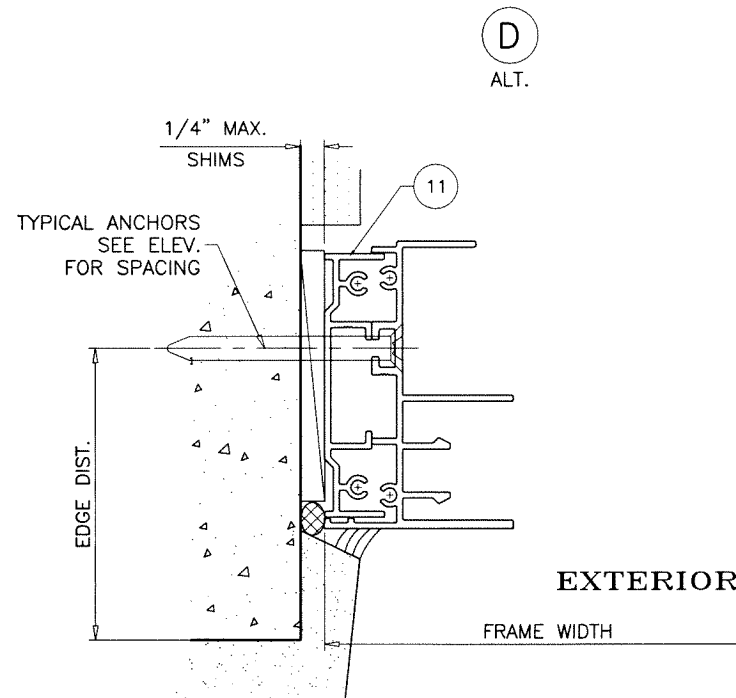
TYPICAL ANCHORS
REQD. AT
MULLED WDWS. ONLY

FRAME HEIGHT
EXTERIOR

C
ALT.



TYPICAL ANCHORS
REQD. AT
MULLED WDWS. ONLY



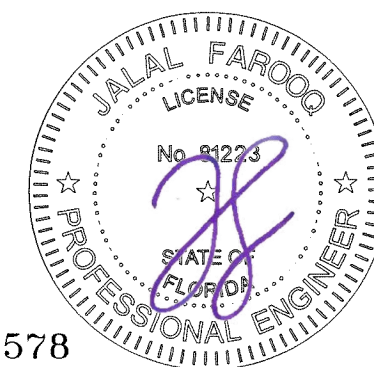
D
ALT.

EXTERIOR

FRAME WIDTH

FLANGE FRAMES WITH EQUAL LEG ADAPTERS SEE SHEETS 4 & 5 FOR WINDOW DETAILS

FL #46578



Sealed: 9/22/2026

AL-FAROOQ CORPORATION
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revisions:	
no	date by description

date: 12-15-23

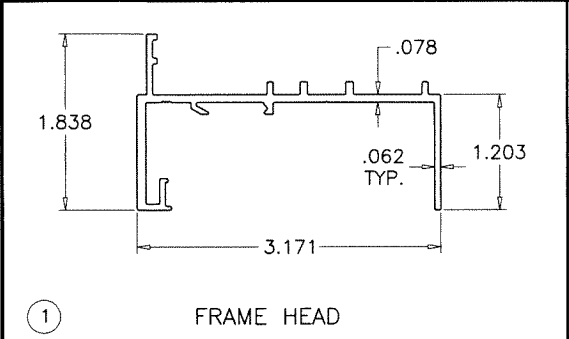
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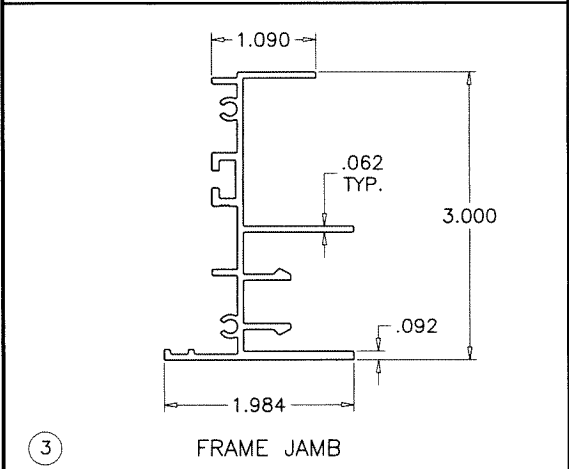
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drawing no.
23-61F

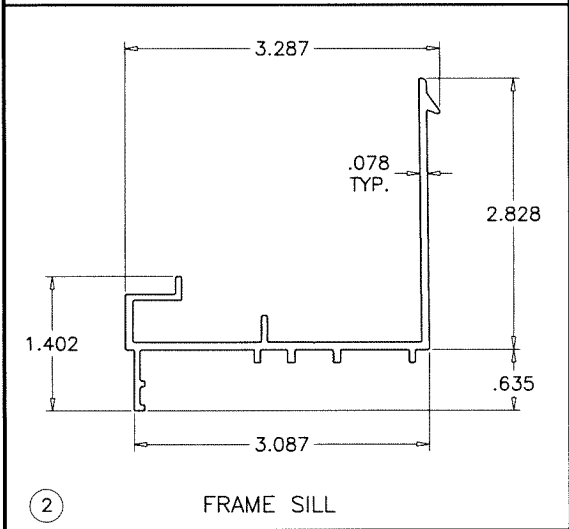
sheet 6 of 9



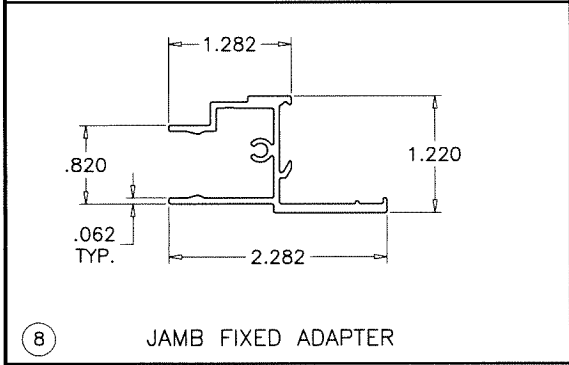
1 FRAME HEAD



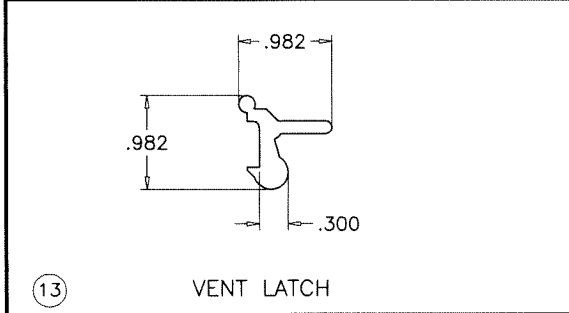
3 FRAME JAMB



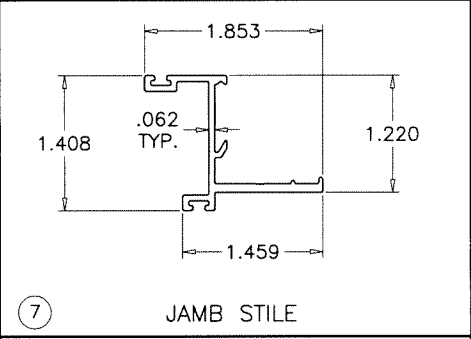
2 FRAME SILL



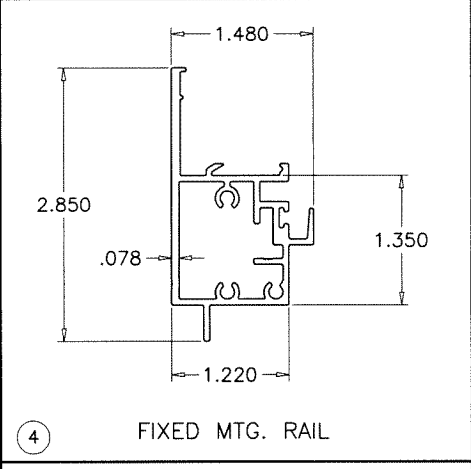
8 JAMB FIXED ADAPTER



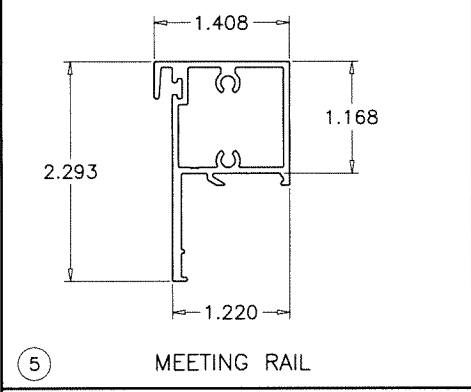
13 VENT LATCH



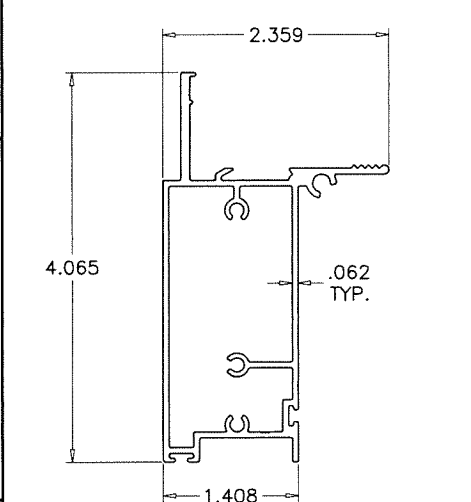
7 JAMB STILE



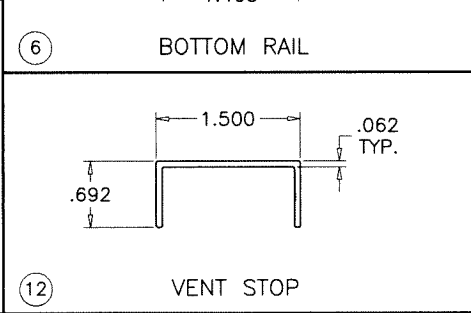
4 FIXED MTG. RAIL



5 MEETING RAIL

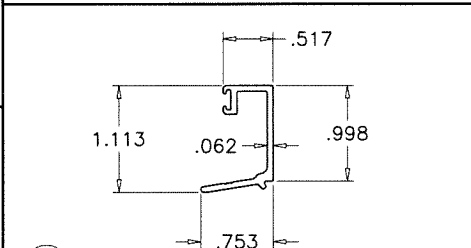


6 BOTTOM RAIL

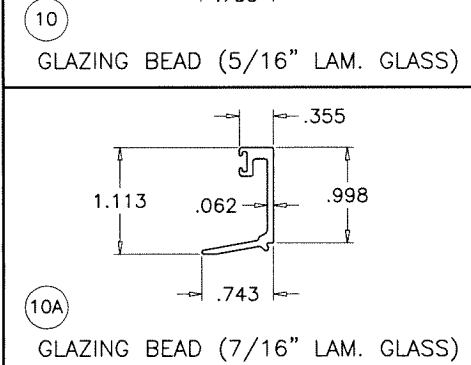


12 VENT STOP

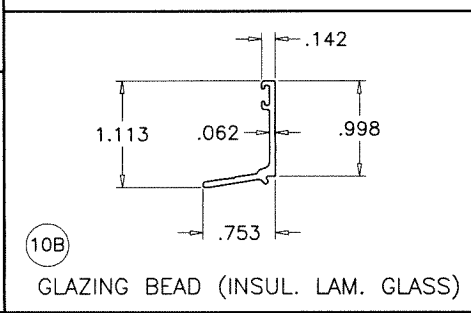
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	59686	1	FRAME HEAD	6063-T6	-
2	59689	1	FRAME SILL	6063-T6	-
3	59690	2	FRAME JAMB	6063-T6	-
4	59687	1	FIXED MTG. RAIL	6063-T6	-
5	59688	1	VENT TOP RAIL	6063-T6	-
6	59696	1	VENT BOTTOM RAIL	6063-T6	-
7	59693	2	JAMB STILE	6063-T6	-
8	59691	2	JAMB FIXED ADAPTER	6063-T6	-
9	59692	2	JAMB SCREEN ADAPTER	6063-T6	-
10	59694	AS REQD.	GLAZING BEAD (5/16" LAM. GLASS)	6063-T6	-
10A	59672	AS REQD.	GLAZING BEAD (7/16" LAM. GLASS)	6063-T6	-
10B	59695	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
11	59697	AS REQD.	EQUAL LEG ADAPTER	6063-T6	-
12	59698	2	VENT STOP	6063-T6	-
13	LL-900	2/ VENT	VENT LATCH WITH S/S SPRING, AT 8" FROM EACH END	NYLON	-
14	30-HD-NBA	2/ VENT	SPIRAL BALANCE	STEEL/PLASTIC	-
15	N-60-62	2/ VENT	BALANCE HOOK	STEEL	-
16	-	2/ VENT	BALANCE GUIDE	VINYL	-
17	WLDNH-008	1/ BALANCE	WELD NUT	STEEL	-
18	#8 X 1"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	PH SMS
19	MPI P/N 83010	AS REQD.	GLAZING BEAD BULB	VINYL	MELTPPOINT
20	Z 754	AS REQD.	1/4" X 1/4" DOUBLE FACE GLAZING TAPE	PE FOAM	ZIALOC
21	-	AS REQD.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
22	W33191NK000B	AS REQD.	FIN SEAL W'STRIPPING	POLYPROPYLENE	ULTRAFAB
23	MPI P/N 83002	AS REQD.	BULB SEAL W'STRIPPING	SANTOPRENE	MELTPPOINT, DUROMETER 65±5
24	X 109HT-100	AS REQD.	D-SHAPE FOAM RUBBER SEAL	EPDM	-
25	ATP-054	2/ SILL	WEEP HOLE COVER	PLASTIC	-
26	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL
27	-	AS REQD.	1 X 4 X 1/8" ALUM TUBE MULLION	6063-T6	-



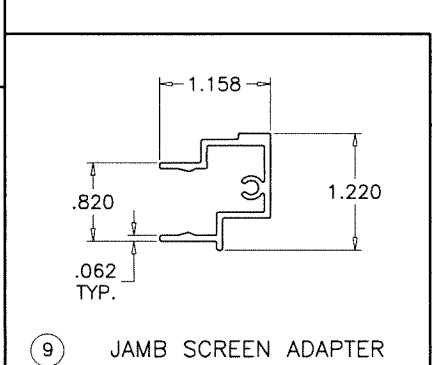
10 GLAZING BEAD (5/16" LAM. GLASS)



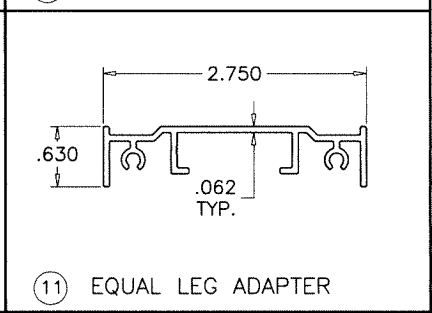
10A GLAZING BEAD (7/16" LAM. GLASS)



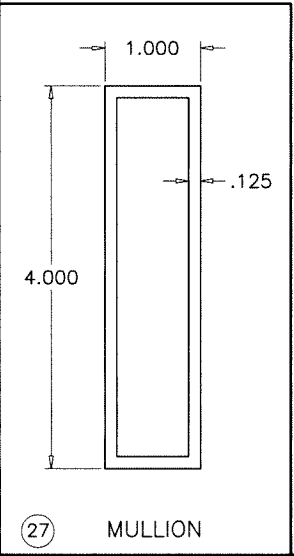
10B GLAZING BEAD (INSUL. LAM. GLASS)



9 JAMB SCREEN ADAPTER



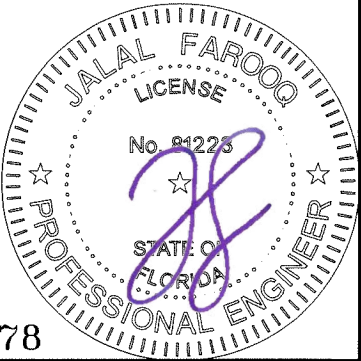
11 EQUAL LEG ADAPTER



27 MULLION

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD SM-5504 JOINT SEALER.



FL #46578

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\23-61F-SWM

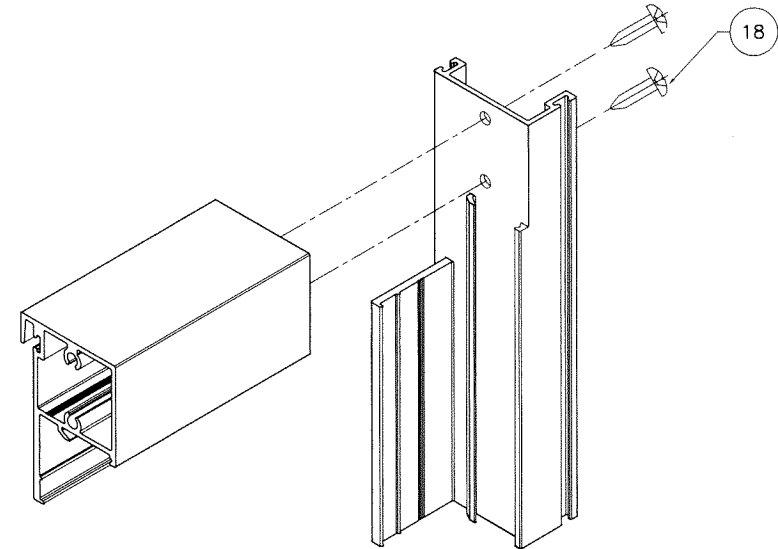
GRANDEUR SERIES-2023 ALUM S.H. WDW. (L.M.I.)

Sunshine Windows Manufacturing, Inc.
1785 West 33rd Place
Hialeah, FL. 33012
Tel. (305) 364-9952 Fax. (305) 828-5118

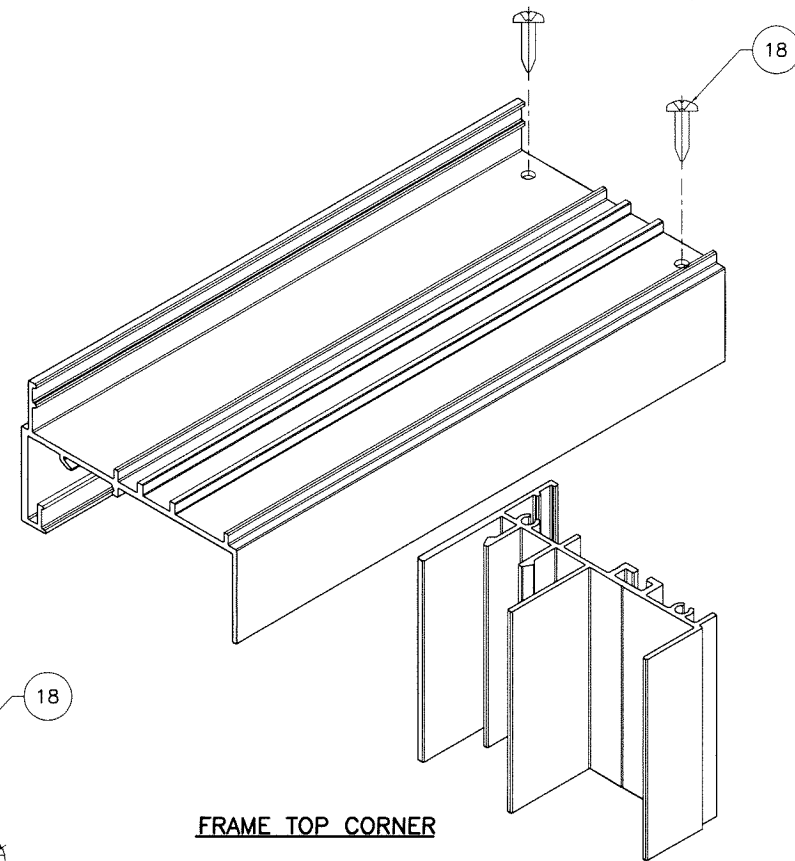
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no date by description

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chk. by:

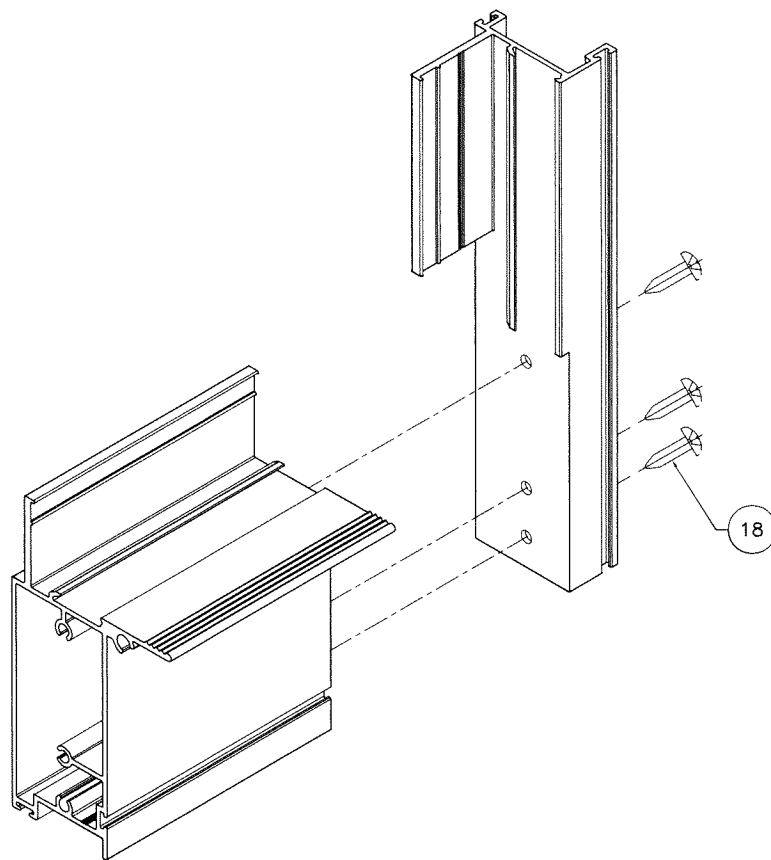
drawing no.
23-61F
sheet 8 of 9



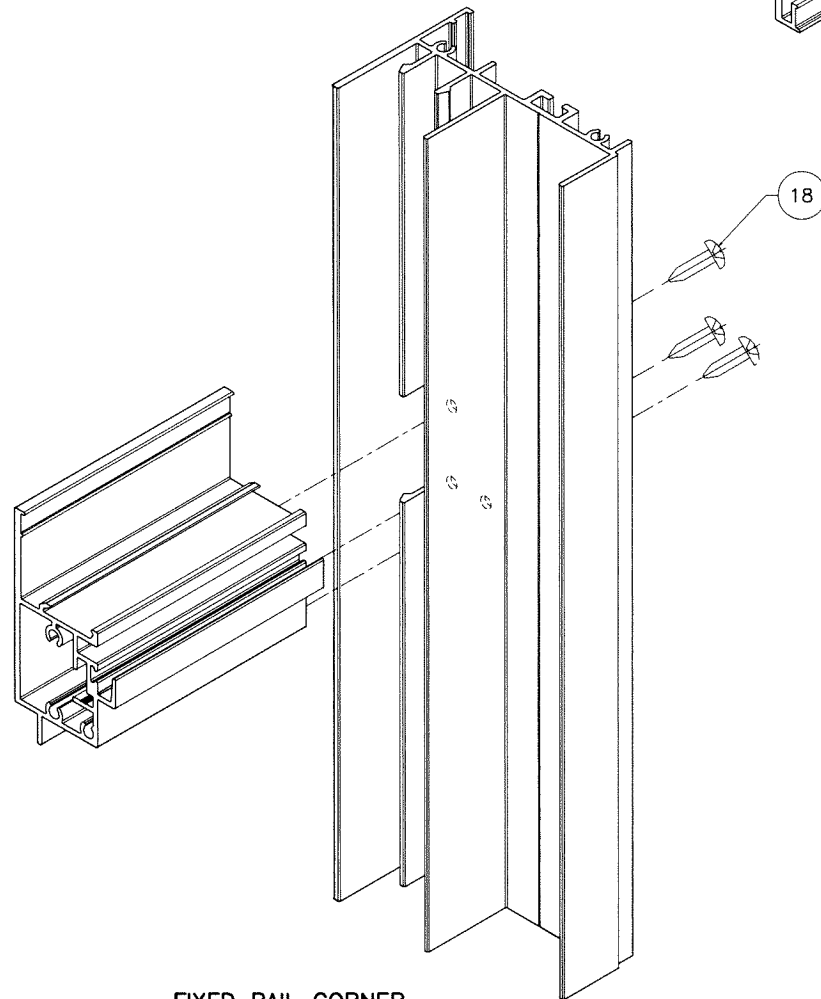
VENT TOP CORNER



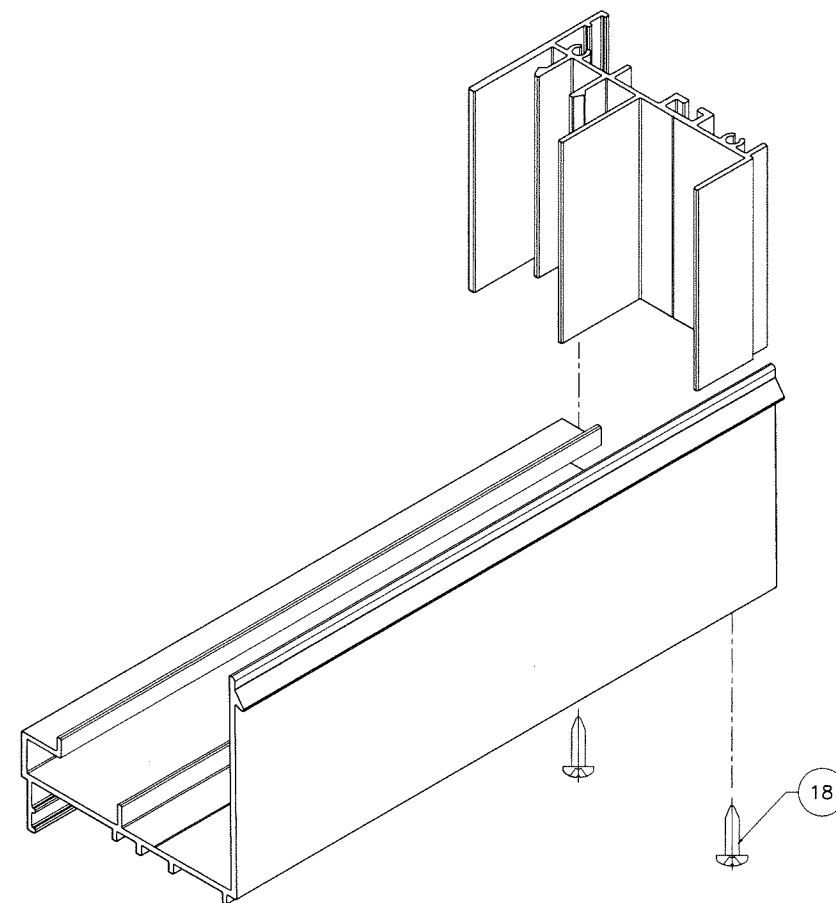
FRAME TOP CORNER



VENT BOTTOM CORNER

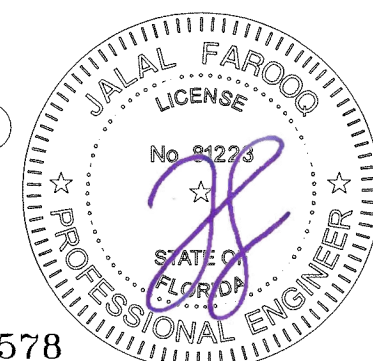


FIXED RAIL CORNER



FRAME BOTTOM CORNER

Sealed: 9/22/2026



FL #46578

a f c

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dr. by:	TARIQ		
chk. by:			
drawing no.	23-61F		
sheet	9 of 9		