

THESE WINDOWS ARE NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA MUST MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

SERIES-2000
ALUMINUM SINGLE HUNG WINDOW

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

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.

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 2020 (7TH EDITION)/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 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

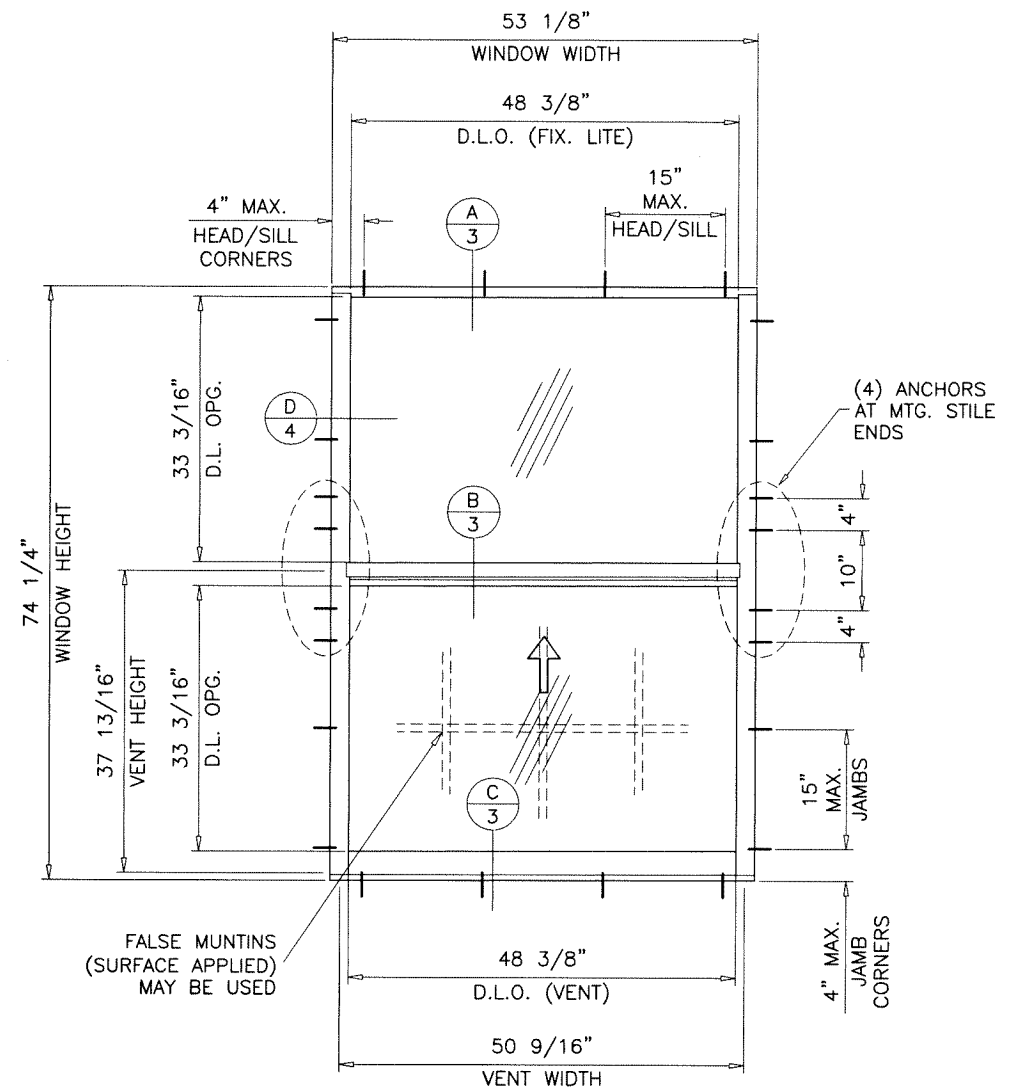
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

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)'.

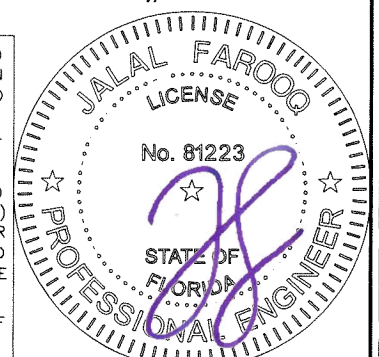
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.

LABELING TO COMPLY WITH SECTION 1709.9.2.



TYPICAL ELEVATION
(TESTED UNIT)

- 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.



Sealed: 7/26/2023

FL #29244

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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\19-17F-SWM

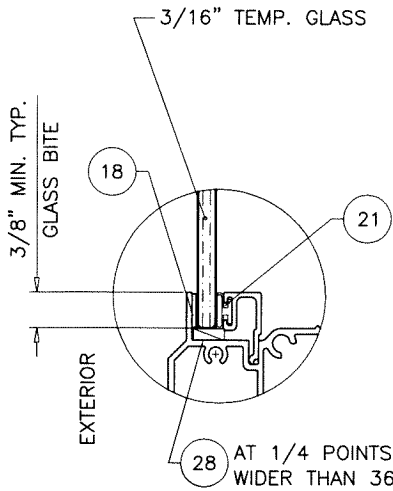
SERIES-2000 ALUM SINGLE HUNG WDW. (N.I.)

Sunshine Windows Manufacturing, Inc.
1785 West 33rd Place
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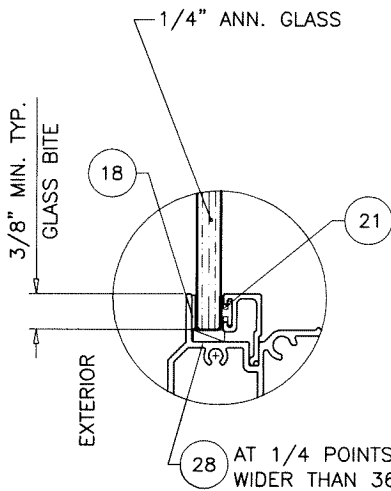
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no	date	by	description		
A	08.31.20		UPDATED TO 2020 FBC		
B	07.21.23		UPDATED TO 2023 FBC		
date: 03-11-19					
scale: 1/2"=1'-0"					
dr. by: TARIQ					
chk. by:					
drawing no.		19-17F			
sheet 1 of 6					

DESIGN LOAD CAPACITY - PSF							
FRAME DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	75.0	112.5	75.0	105.0	75.0	112.5
26-1/2"		75.0	112.5	75.0	105.0	75.0	112.5
37"		75.0	112.5	75.0	105.0	75.0	112.5
53-1/8"		75.0	112.5	75.0	105.0	75.0	112.5
19-1/8"	38-3/8"	75.0	112.5	75.0	105.0	75.0	112.5
26-1/2"		75.0	112.5	75.0	105.0	75.0	112.5
37"		75.0	112.5	75.0	105.0	75.0	112.5
53-1/8"		75.0	112.5	75.0	98.7	75.0	112.5
19-1/8"	50-5/8"	75.0	112.5	75.0	105.0	75.0	112.5
26-1/2"		75.0	112.5	75.0	105.0	75.0	112.5
37"		75.0	112.5	75.0	105.0	75.0	112.5
53-1/8"		75.0	93.9	75.0	80.5	75.0	93.9
19-1/8"	63"	75.0	112.5	75.0	105.0	75.0	112.5
26-1/2"		75.0	112.5	75.0	105.0	75.0	112.5
37"		75.0	112.5	75.0	105.0	75.0	112.5
53-1/8"		75.0	81.7	70.0	70.0	75.0	81.7
19-1/8"	74-1/4"	75.0	112.5	75.0	105.0	75.0	112.5
26-1/2"		75.0	112.5	75.0	105.0	75.0	112.5
37"		75.0	112.5	75.0	105.0	75.0	112.5
53-1/8"		75.0	75.0	-	-	75.0	75.0

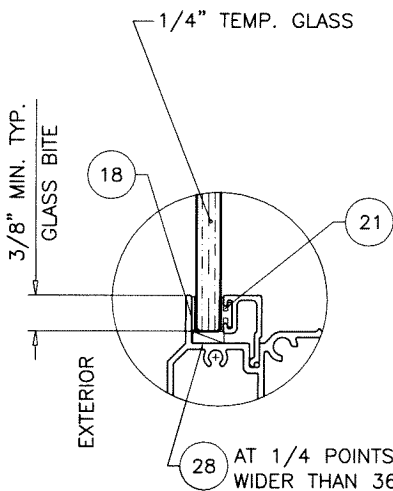
DESIGN LOAD CAPACITY - PSF							
FRAME DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	48"	75.0	112.5	75.0	105.0	75.0	112.5
30"		75.0	112.5	75.0	105.0	75.0	112.5
32"		75.0	112.5	75.0	105.0	75.0	112.5
36"		75.0	112.5	75.0	105.0	75.0	112.5
42"		75.0	112.5	75.0	105.0	75.0	112.5
48"		75.0	111.4	75.0	95.4	75.0	111.4
24"	60"	75.0	112.5	75.0	105.0	75.0	112.5
30"		75.0	112.5	75.0	105.0	75.0	112.5
32"		75.0	112.5	75.0	105.0	75.0	112.5
36"		75.0	112.5	75.0	105.0	75.0	112.5
42"		75.0	112.5	75.0	101.7	75.0	112.5
48"		75.0	97.2	75.0	83.2	75.0	97.2
24"	72"	75.0	112.5	75.0	105.0	75.0	112.5
30"		75.0	112.5	75.0	105.0	75.0	112.5
32"		75.0	112.5	75.0	105.0	75.0	112.5
36"		75.0	112.5	75.0	105.0	75.0	112.5
42"		75.0	111.4	75.0	95.4	75.0	111.4
48"		75.0	89.1	-	-	75.0	89.1
24"	84"	75.0	112.5	75.0	105.0	75.0	112.5
30"		75.0	112.5	75.0	105.0	75.0	112.5
32"		75.0	112.5	75.0	105.0	75.0	112.5
36"		75.0	112.5	75.0	97.2	75.0	112.5
42"		75.0	109.1	-	-	75.0	109.1



GLASS TYPE 'A'
3/16" TEMP. GLASS



GLASS TYPE 'B'
1/4" ANN. GLASS

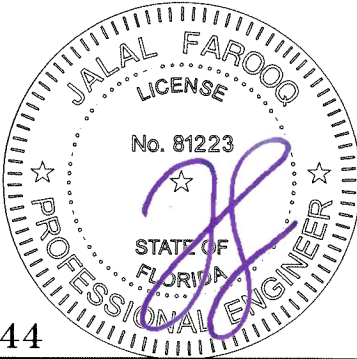


GLASS TYPE 'C'
1/4" TEMP. GLASS

GLAZING OPTIONS

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

Sealed: 7/26/2023

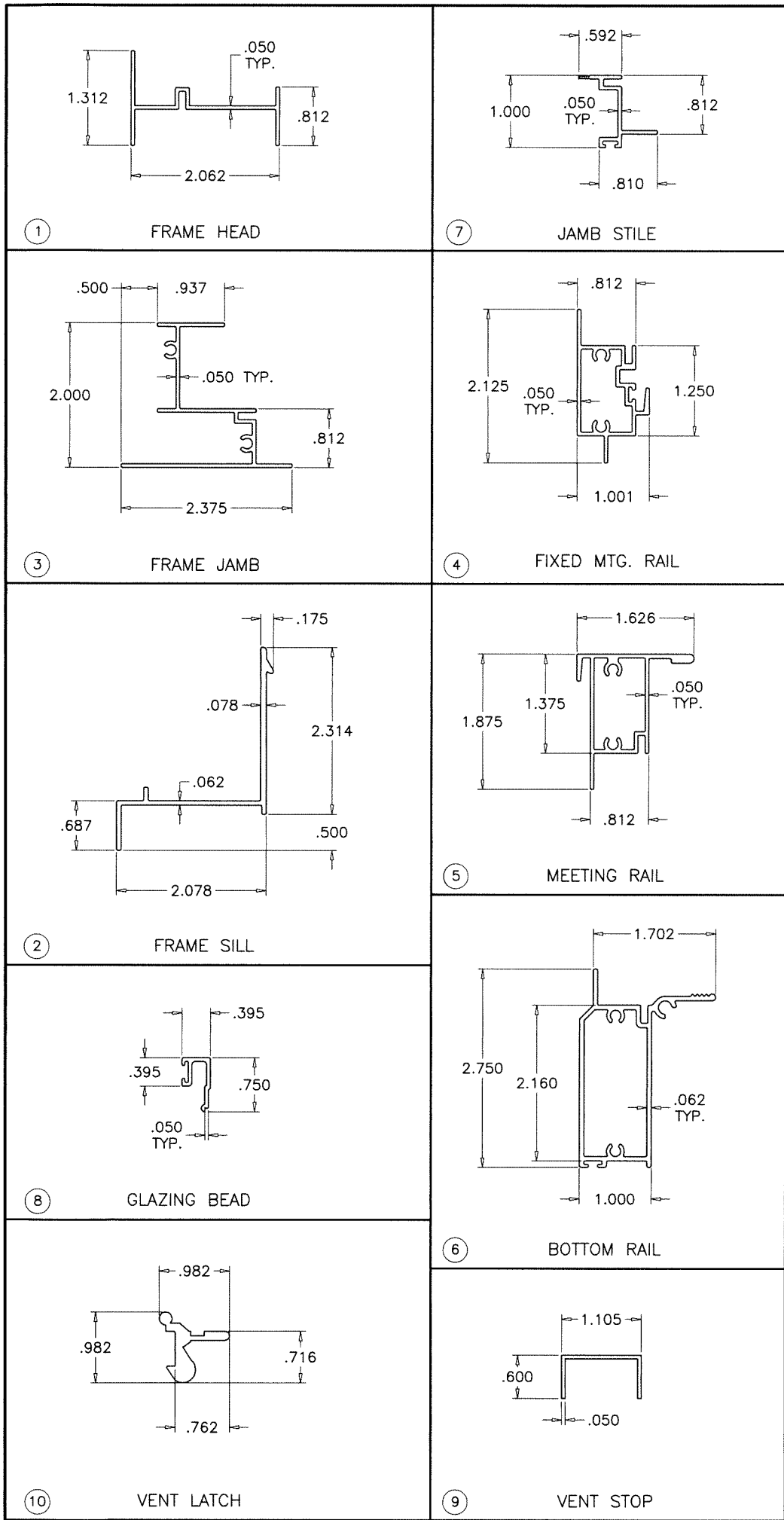


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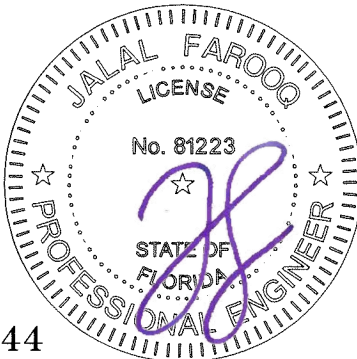
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dr. by: TARIQ
chk. by:
drawing no.
19-17F
sheet 2 of 6



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	30682A	1	FRAME HEAD	6063-T6	-
2	43354A	1	FRAME SILL	6063-T6	-
3	30683A	2	FRAME JAMB	6063-T6	-
4	40111A	1	FIXED MTG. RAIL	6063-T6	-
5	30680A	1	VENT TOP RAIL	6063-T6	-
6	43355A	1	VENT BOTTOM RAIL	6063-T6	-
7	30681A	2	JAMB STILE	6063-T6	-
8	30684	AS REQD.	GLAZING BEAD	6063-T6	-
9	SSW-081	2	VENT STOP	6063-T6	-
10	LL-900	2/ VENT	VENT LATCH WITH S/S SPRING, AT 8" FROM EACH END	6063-T6	-
11	30-HD-NBA	2/ VENT	SPIRAL BALANCE	STEEL/PLASTIC	-
12	N-60-62	2/ VENT	BALANCE HOOK	STEEL	-
13	-	2/ VENT	BALANCE GUIDE	VINYL	-
14	WLDNH-008	1/ BALANCE	WELD NUT	STEEL	-
15	#8 X 1"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	P.H. SMS
16	-	4/ VENT	VENT GUIDE	VINYL	-
18	754-0931639	AS REQD.	DOUBLE FACE GLAZING TAPE	PE FOAM	ZIALOC
19	W33191NK000B	AS REQD.	FIN SEAL W'STRIPPING	POLYPROPYLENE	ULTRAFAB
20	MPI P/N 83002	AS REQD.	BULB SEAL W'STRIPPING	SANTOPRENE	MELTPPOINT, DUROMETER 65±5
21	MPI P/N 83008	AS REQD.	GLAZING BEAD BULB	VINYL	MELTPPOINT
23	BOSTIK 915	AS REQD.	EXTERIOR CORNER SEALANT	POLYURETHANE	-
25	2AP-XB-0062	2/ FRAME	WATER BARRIER	FOAM	-
26	SL208-BKR/WHR	2/ VENT	SWEEP LATCH, 12-1/2" FROM EACH END	ZINC	SULLIVAN & ASSOCIATES
26A	#8 X 3/4"	2/ LATCH	LATCH INST. SCREW	ST. STEEL	FH SMS
27	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL
28	-	AS REQD.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A

SEALANT:

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



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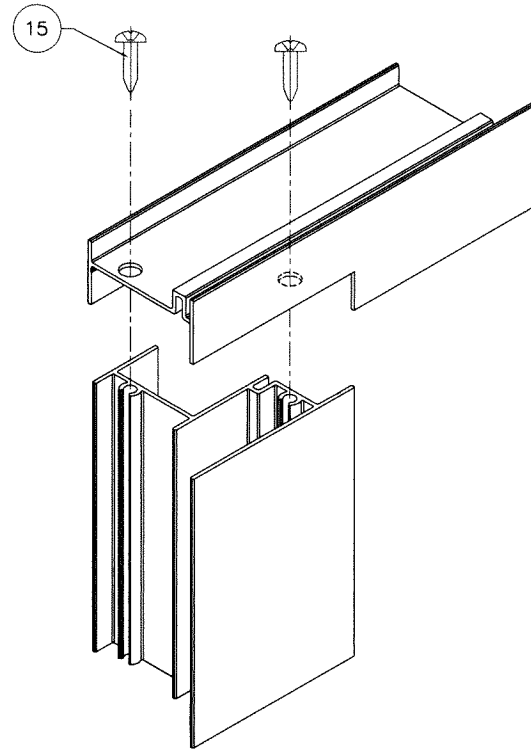
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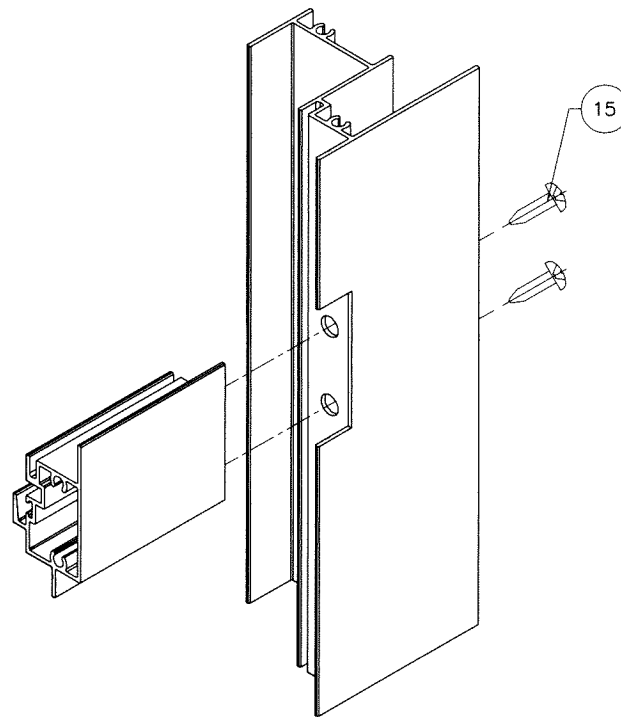
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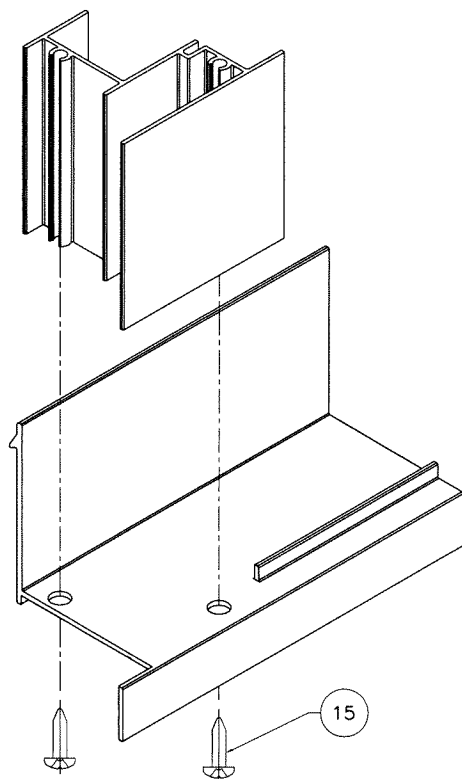
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sheet 5 of 6



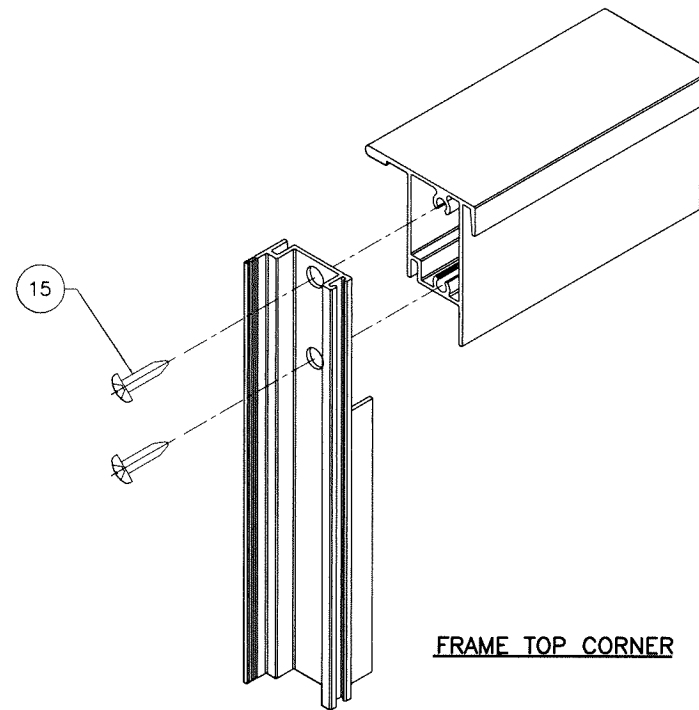
VENT TOP CORNER



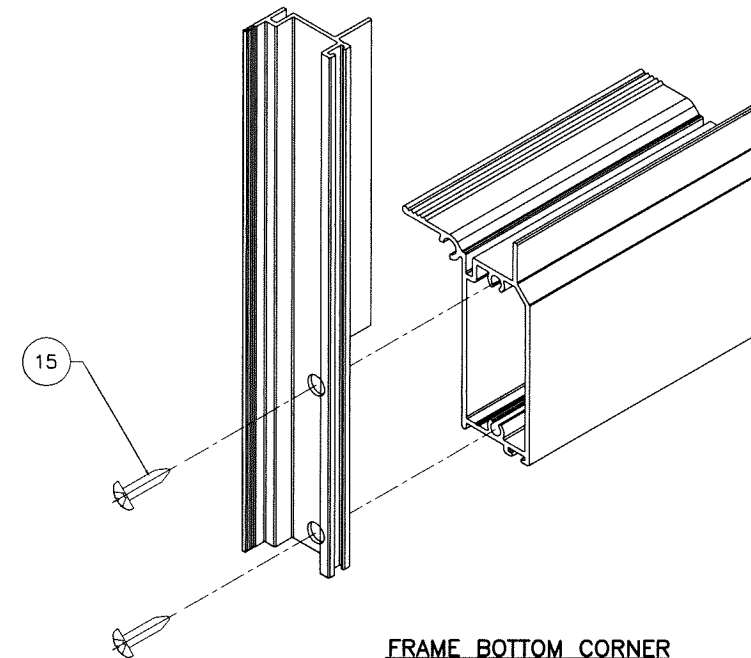
FIXED RAIL CORNER



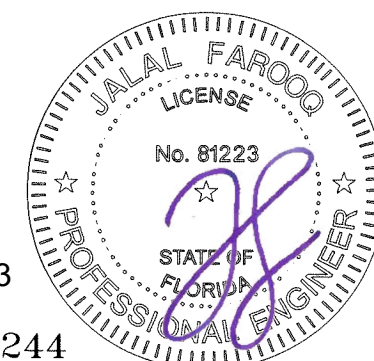
VENT BOTTOM CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER



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sheet 6 of 6

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