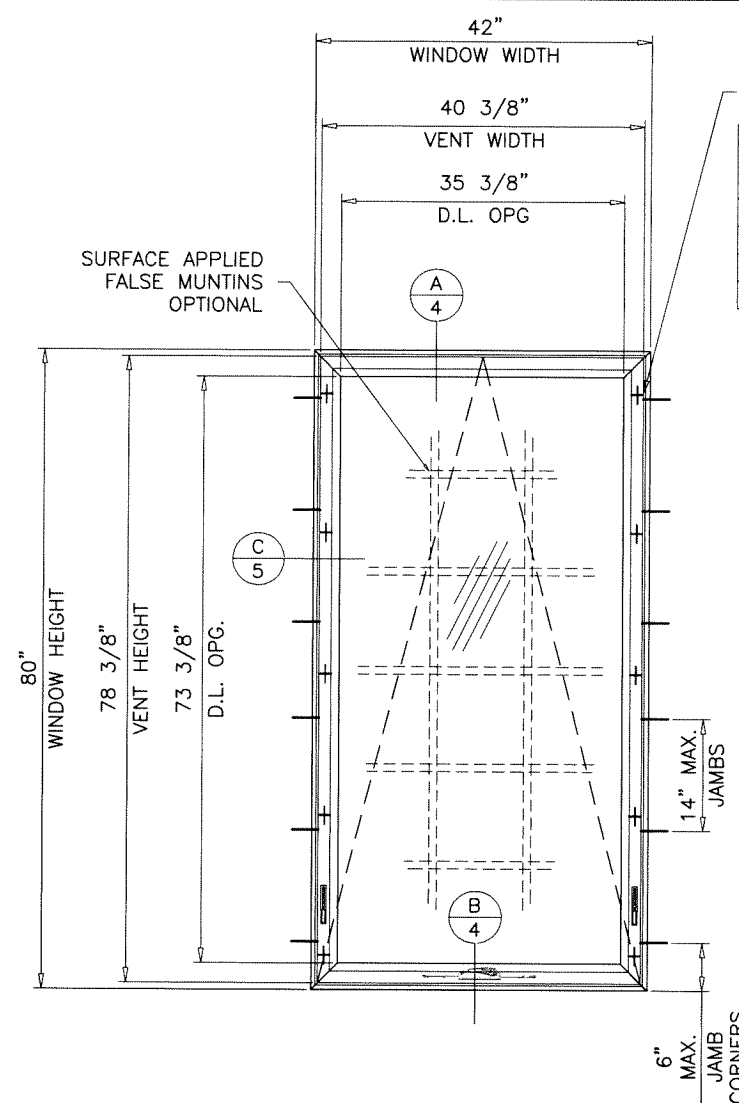
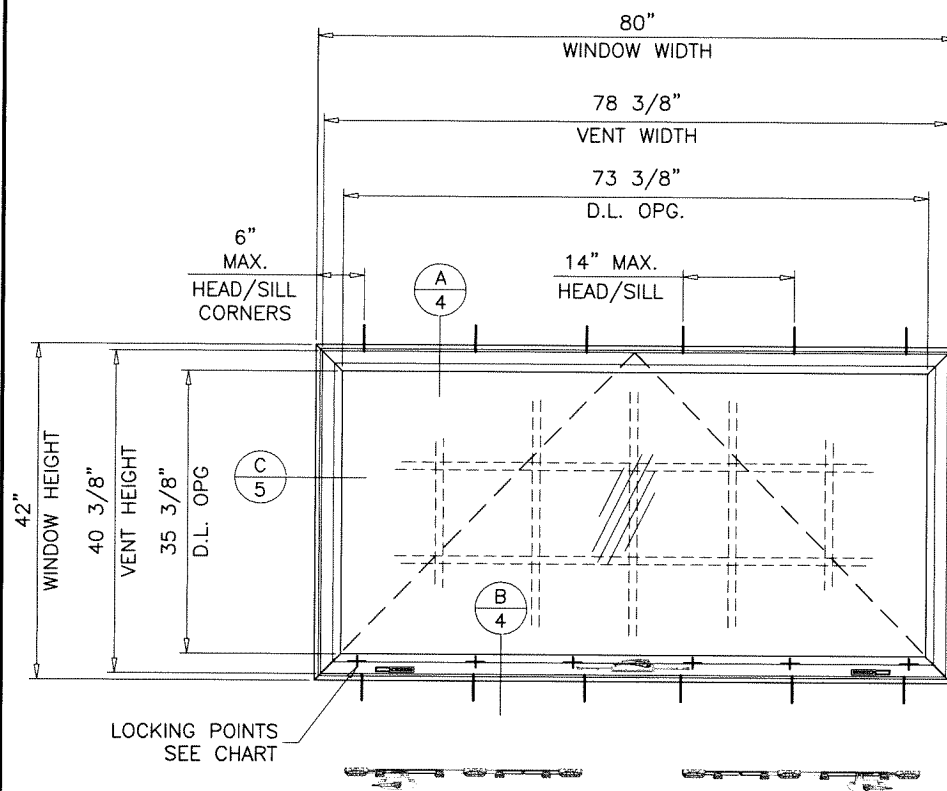
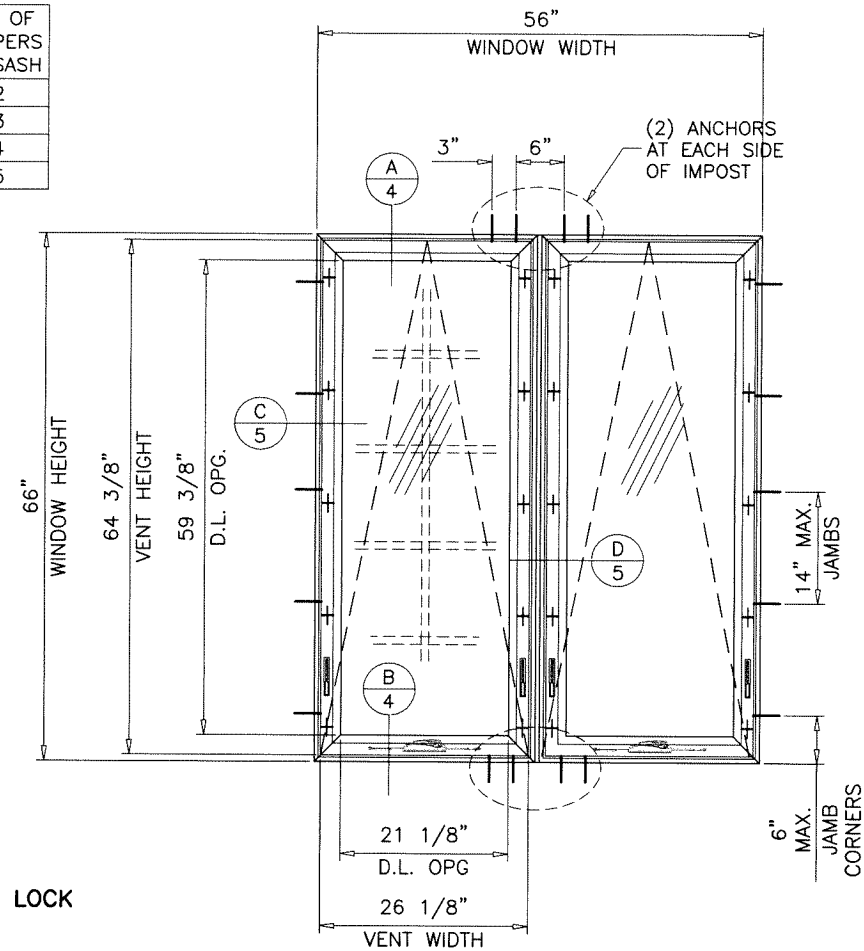




LOCKING POINTS
SEE CHART

INTERIOR FRAME HT. UPTO	NO. OF KEEPERS AT SASH
30-5/8"	2
45-1/2"	3
60-3/8"	4
84"	5



SINGLE VENT (X)

DUAL VENTS (XX)

TYPICAL ELEVATIONS

SERIES-700 ALUMINUM AWNING WINDOW

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

APPROVAL APPLIES TO SINGLE VENT(X) OR DUAL VENTS(XX) WINDOWS, ALSO SIDE BY SIDE COMBINATIONS OF AWNG./AWNG. OR AWNING WITH OTHER WINDOW TYPES 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.

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.

Sealed: 3/20/2025

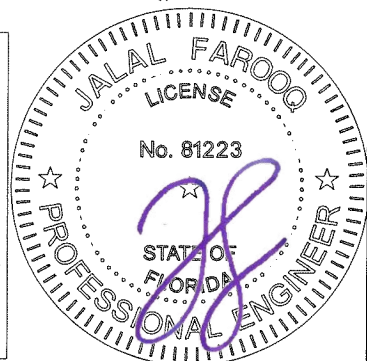
FL #47397

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.



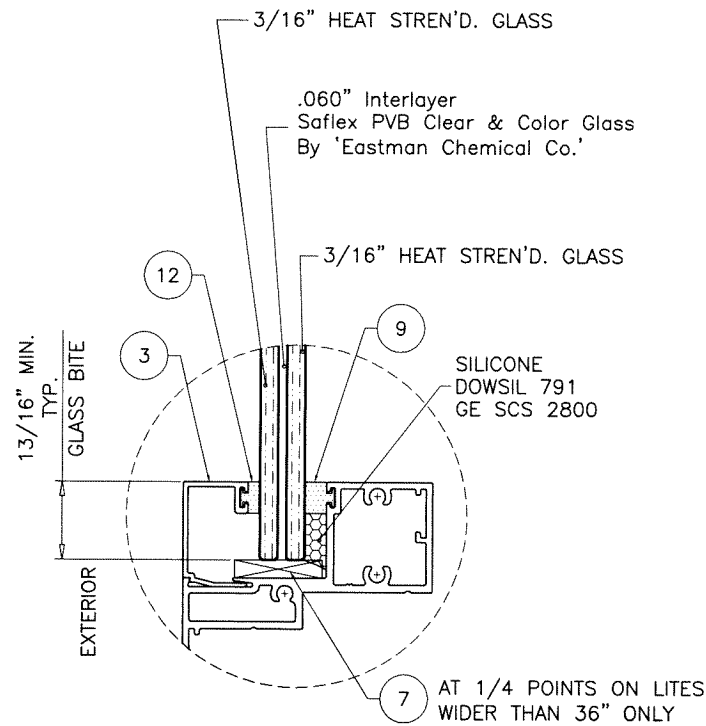
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ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
COMP-ANL\25-34F-EII

SERIES-700 ALUMINUM AWNING WINDOW (S.M.I.)

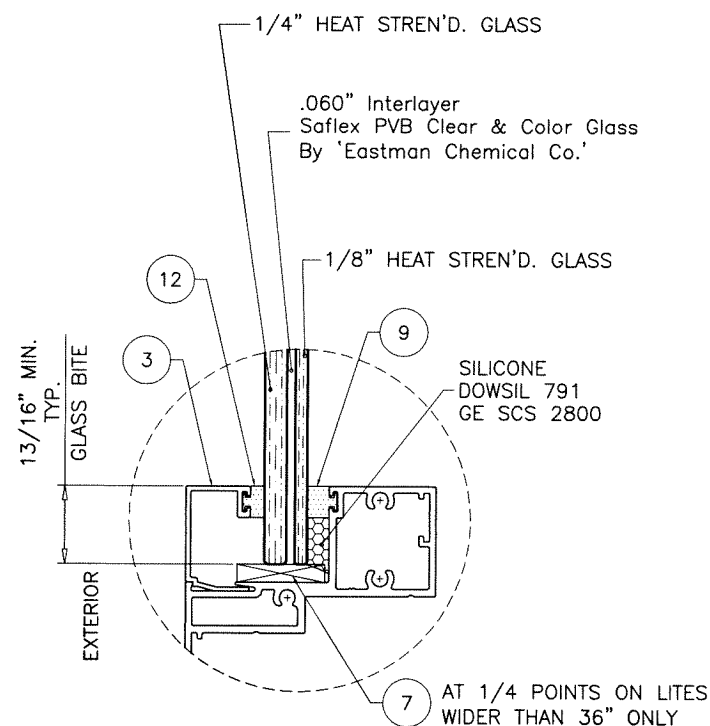
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Phone: (305) 713-1871
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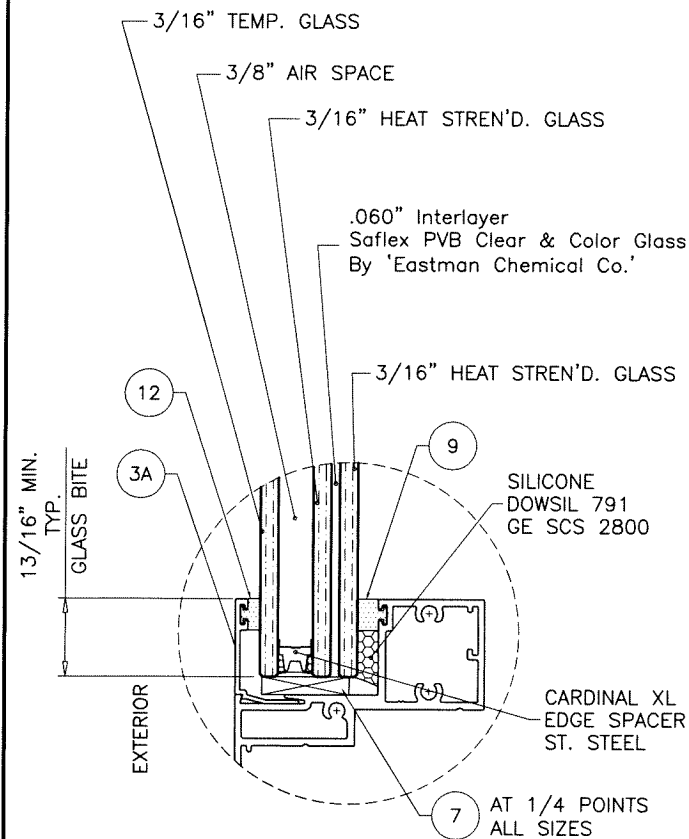
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sheet	1 of 8						



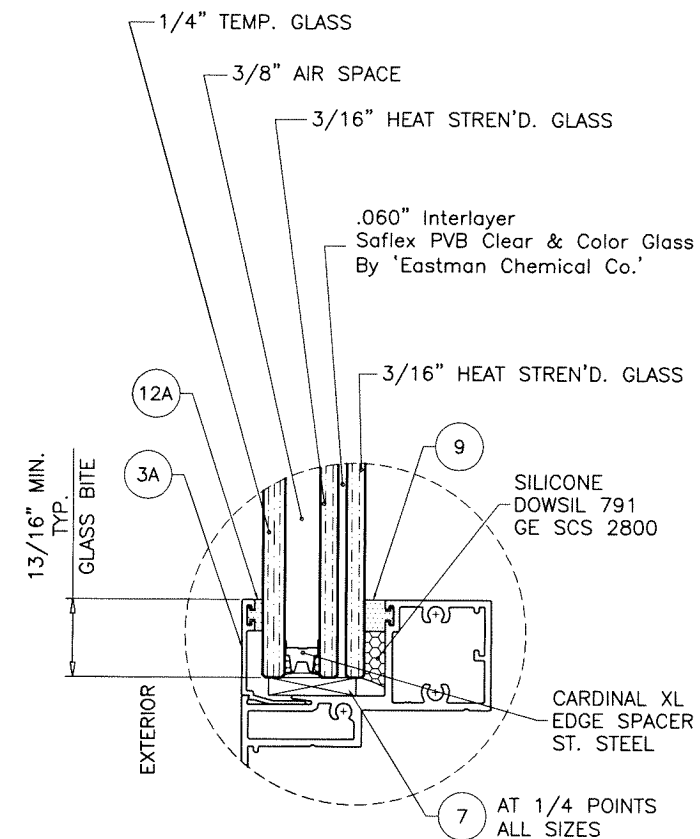
GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS



GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS



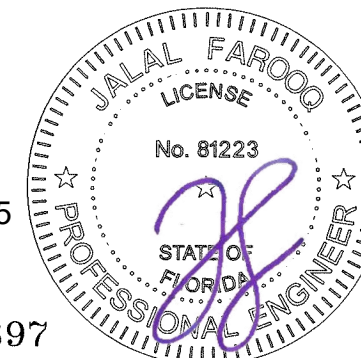
GLASS TYPE 'Ai'
1-1/16" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'Ci'
1-1/16" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS

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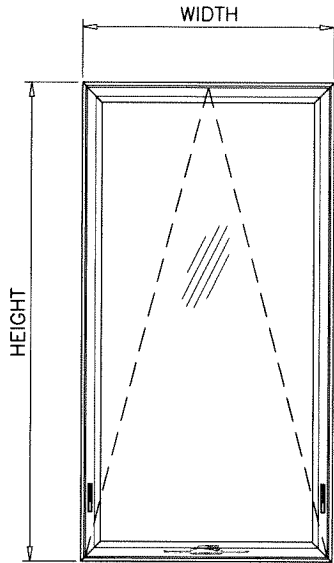
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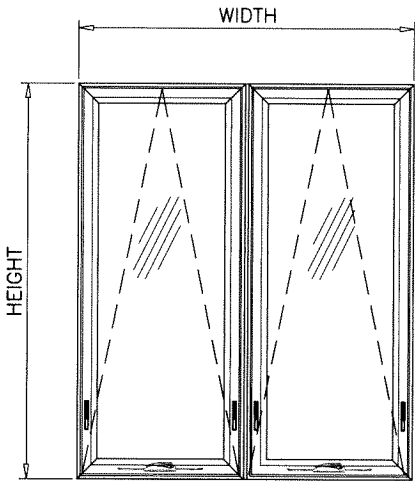
DESIGN LOAD CAPACITY - PSF SINGLE VENT (X SIZES)			
WINDOW FRAME DIMS.		GLASS TYPES 'A', 'B', 'Ai', 'Ci'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
19-1/8"	26"	100.0	120.0
26-1/2"		100.0	120.0
37"		100.0	120.0
53-1/8"		100.0	120.0
19-1/8"	38-3/8"	100.0	120.0
26-1/2"		100.0	120.0
37"		100.0	120.0
53-1/8"		96.4	115.7
19-1/8"	50-5/8"	100.0	120.0
26-1/2"		100.0	120.0
37"		100.0	120.0
19-1/8"		100.0	120.0
26-1/2"	56"	100.0	120.0
37"		100.0	120.0
19-1/8"		100.0	120.0
26-1/2"		100.0	120.0
37"	63"	100.0	120.0
19-1/8"		100.0	120.0
26-1/2"		100.0	120.0
37"		100.0	120.0
19-1/8"	66"	100.0	120.0
26-1/2"		100.0	120.0
37"		100.0	120.0
19-1/8"		100.0	120.0
26-1/2"	72"	100.0	120.0
37"		100.0	120.0
19-1/8"		100.0	120.0
26-1/2"		100.0	120.0
19-1/8"	76"	100.0	120.0
26-1/2"		100.0	120.0
37"		100.0	120.0
19-1/8"		100.0	120.0

DESIGN LOAD CAPACITY - PSF SINGLE VENT (X SIZES)			
WINDOW FRAME DIMS.		GLASS TYPES 'A', 'B', 'Ai', 'Ci'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
24"	24"	100.0	120.0
30"		100.0	120.0
36"		100.0	120.0
42"		100.0	120.0
48"		100.0	120.0
54"		100.0	120.0
24"	36"	100.0	120.0
30"		100.0	120.0
36"		100.0	120.0
42"		100.0	120.0
48"		100.0	120.0
54"		100.0	120.0
24"	48"	100.0	120.0
30"		100.0	120.0
36"		100.0	120.0
42"		88.1	105.7
48"		77.1	92.5
24"	60"	100.0	120.0
30"		100.0	120.0
36"		100.0	120.0
24"	72"	100.0	120.0
30"		100.0	120.0
36"		100.0	120.0
24"	80"	100.0	120.0
30"		100.0	120.0
36"		100.0	120.0
24"	84"	100.0	120.0
30"		100.0	120.0
36"		100.0	120.0

DESIGN LOAD CAPACITY - PSF DUAL VENTS (XX SIZES)					
WINDOW FRAME DIMS.		GLASS TYPES 'A', 'B', 'Ai', 'Ci'			
		IMPOST W/O REINF.		IMPOST W/ REINF.	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
37"	26"	80.0	80.0	100.0	120.0
53-1/8"		80.0	80.0	100.0	120.0
74"		80.0	80.0	100.0	120.0
84"		80.0	80.0	100.0	120.0
37"	38-3/8"	80.0	80.0	100.0	120.0
53-1/8"		80.0	80.0	100.0	120.0
74"		80.0	80.0	100.0	120.0
84"		80.0	80.0	100.0	120.0
37"	50-5/8"	80.0	80.0	100.0	120.0
53-1/8"		80.0	80.0	100.0	120.0
74"		80.0	80.0	-	-
80"		80.0	80.0	-	-
37"	63"	-	-	100.0	120.0
53-1/8"		-	-	100.0	120.0
74"		-	-	100.0	120.0
84"		-	-	100.0	120.0



SINGLE VENT (X)



DUAL VENTS (XX)

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

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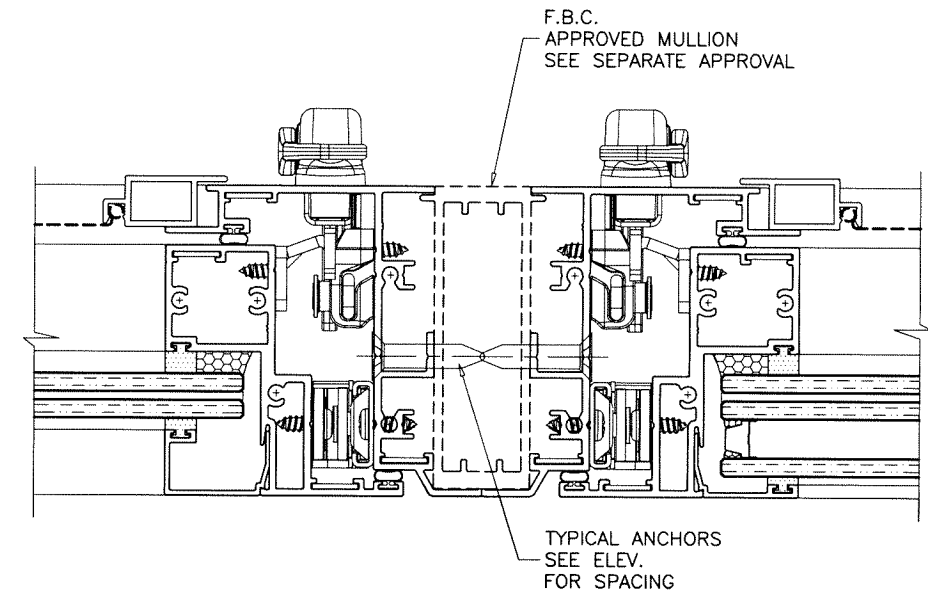
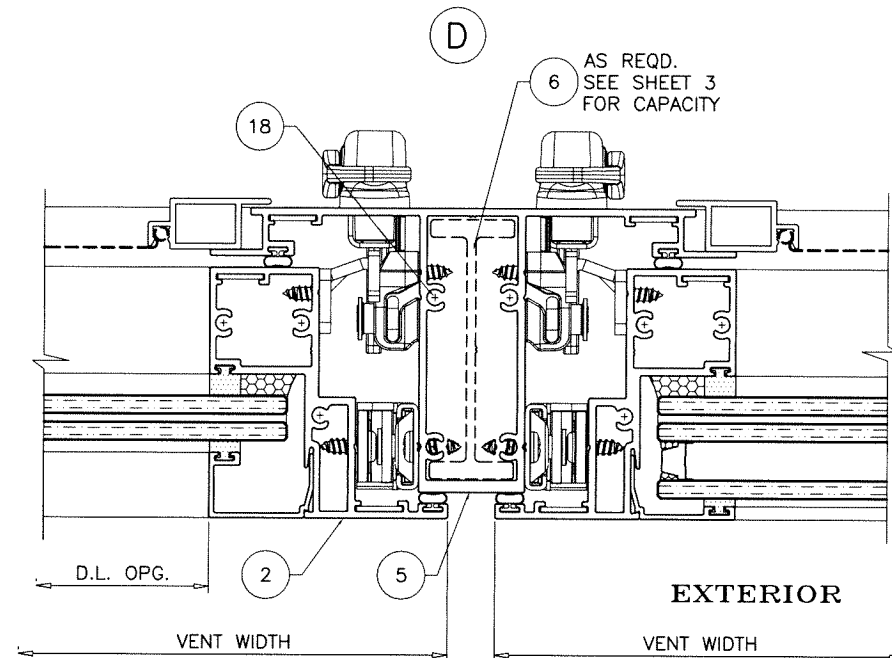
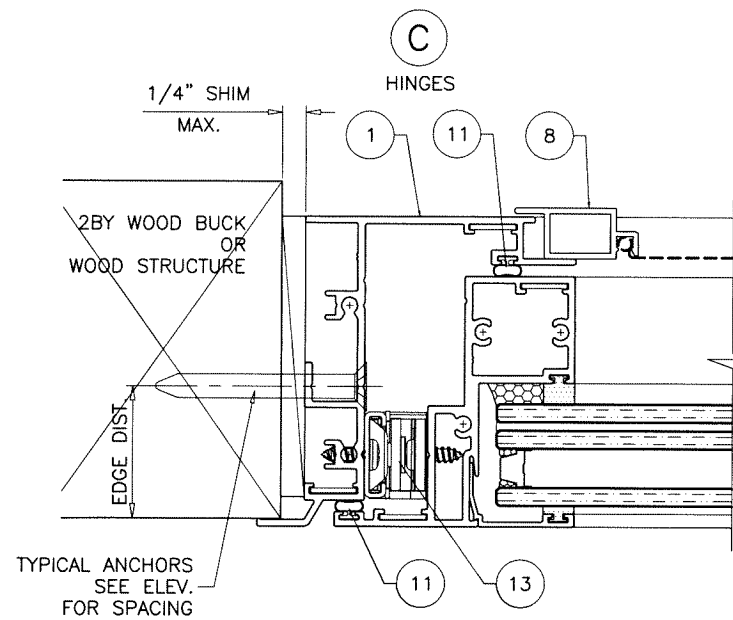
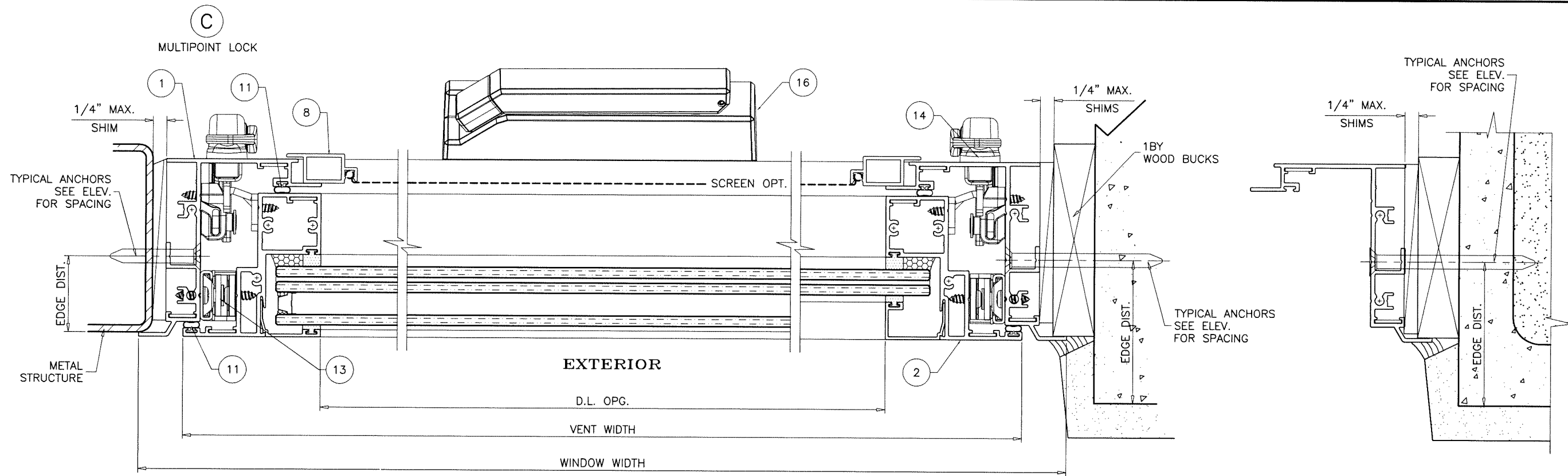
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SERIES-700 ALUMINUM AWNING WINDOW (S.M.I.)

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Medley, FL. 33178
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date:	03-08-25
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chk. by:	
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sheet 3 of 8	



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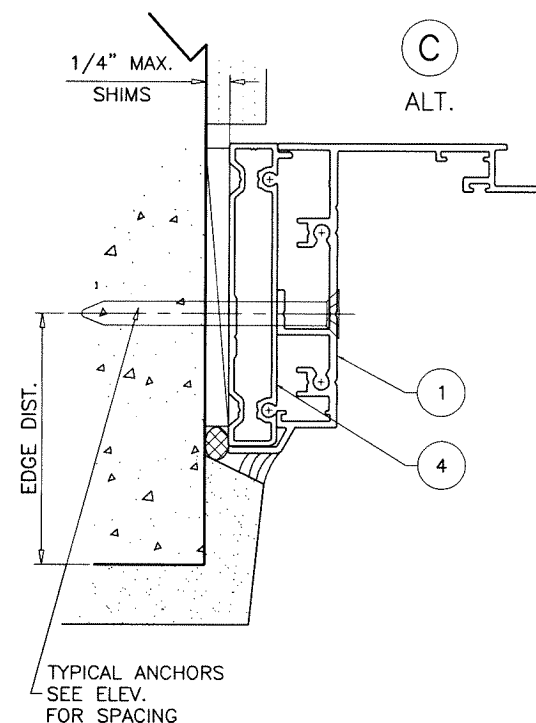
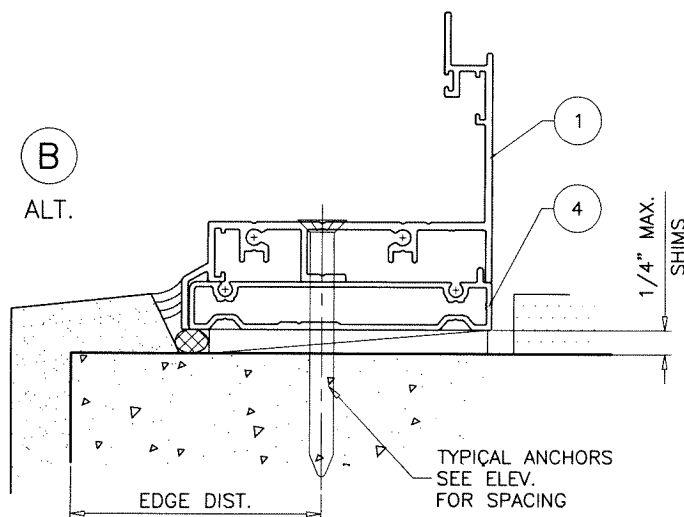
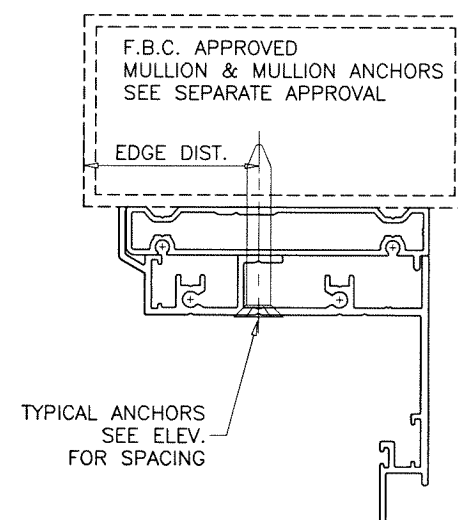
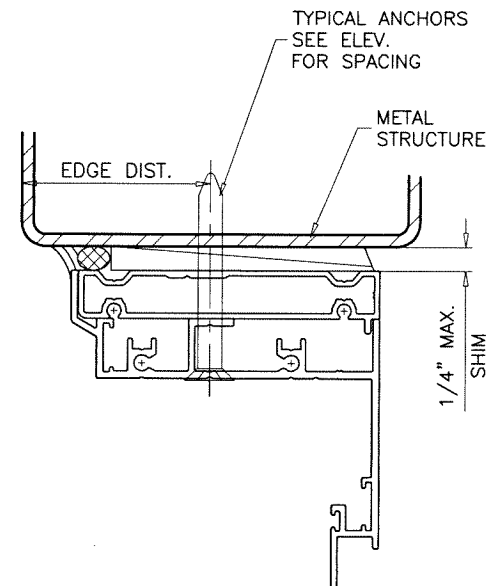
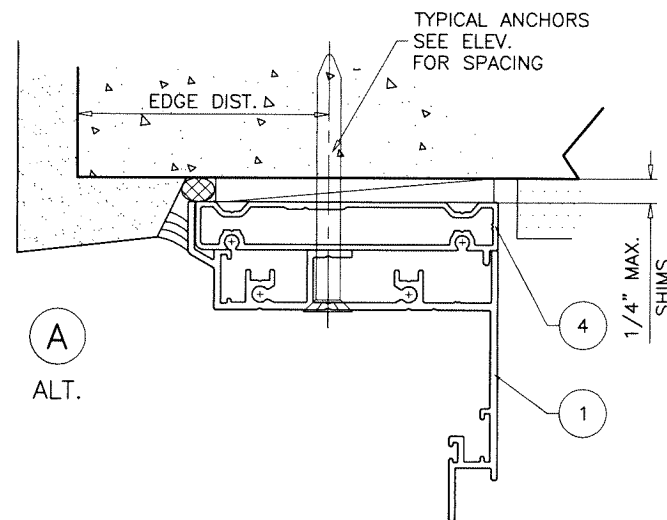
dr. by: TARIQ

chk. by:

drawing no.

25-34F

sheet 5 of 8



INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER
SEE SHEETS 4 & 5 FOR WINDOW DETAILS

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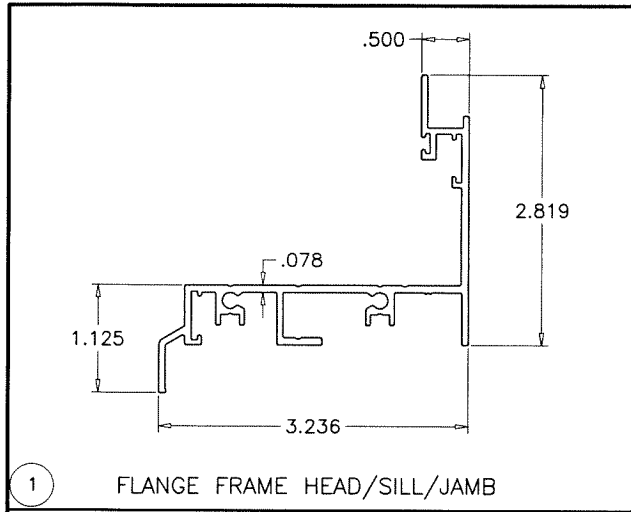


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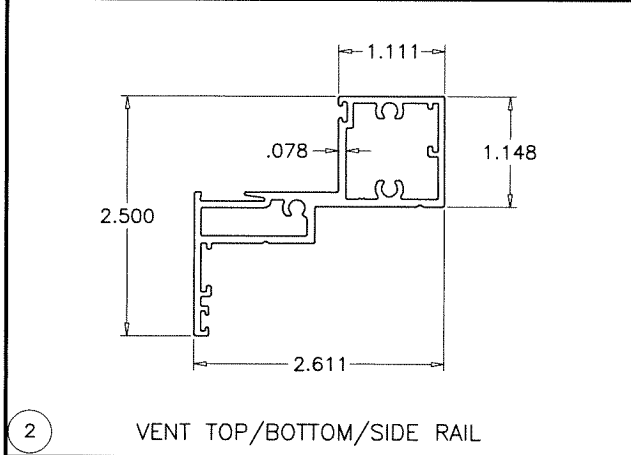
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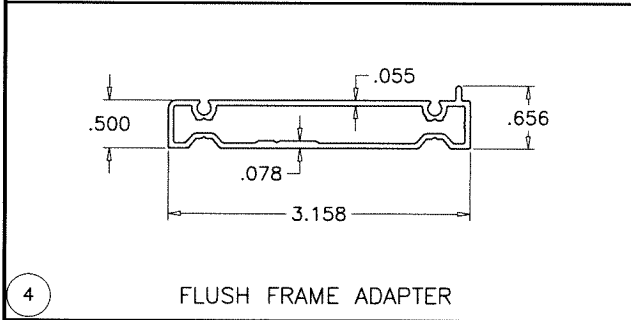
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sheet	6 of 8				



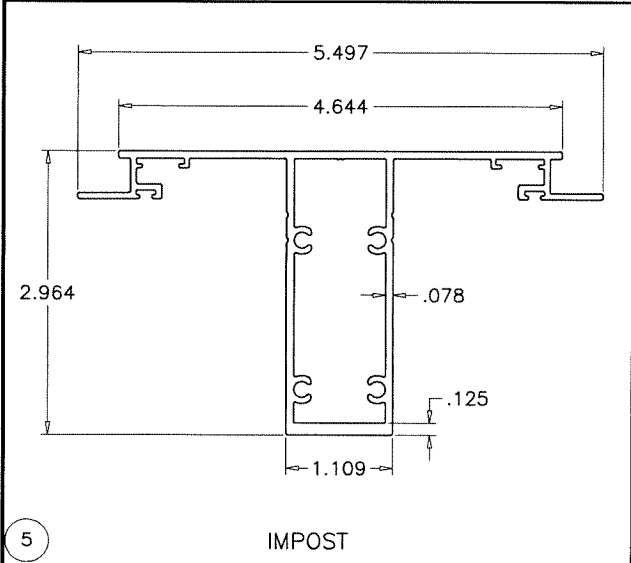
1 FLANGE FRAME HEAD/SILL/JAMB



2 VENT TOP/BOTTOM/SIDE RAIL



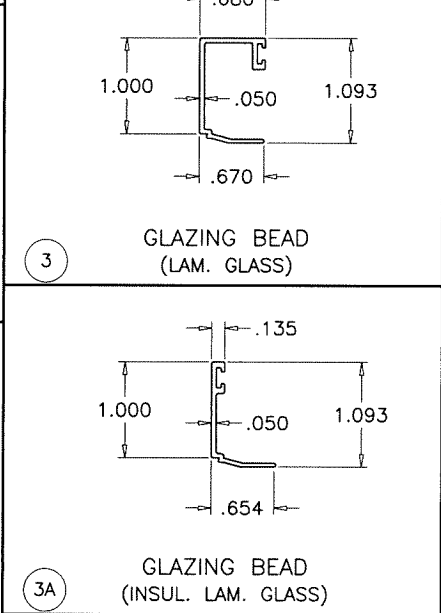
4 FLUSH FRAME ADAPTER



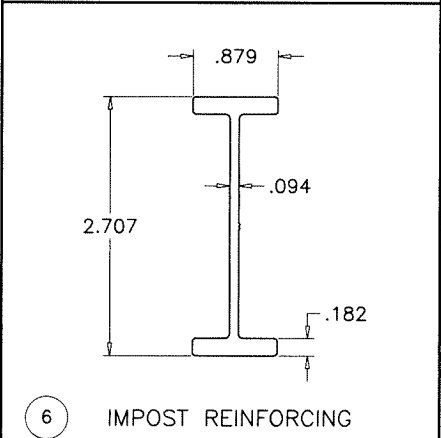
5 IMPOST



3 GLAZING BEAD (LAM. GLASS)



3A GLAZING BEAD (INSUL. LAM. GLASS)



6 IMPOST REINFORCING

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	700-01	4	FRAME HEAD/SILL/JAMB	6063-T6	-
2	700-02	4	VENT	6063-T6	-
3	100-003	AS REQD.	GLAZING BEAD (7/16" LAM. GLASS)	6063-T6	-
3A	100-002	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
4	700-04	AS REQD.	FLUSH FRAME ADAPTER	6063-T6	-
5	700-03	AS REQD.	IMPOST	6063-T6	-
6	700-05	AS REQD.	IMPOST STIFFENER	6063-T6	-
7	E-B027300E	2/ LITE	3/16" THK. SETTING BLOCK	EPDM	EXTRUSIONS
8	-	OPTIONAL	SCREEN	6063-T5	OPTIONAL
9	ES 82657	AS REQD.	INTERIOR GLAZING GASKET	EPDM	MPI/EXTRUSIONS
11	-	AS REQD.	BULB WEATHERSTRIPPING	SANTOPRENE	-
12	ES 82501BK	AS REQD.	EXTERIOR GLAZING GASKET (7/16" LAM. GLASS)	EPDM	MPI/EXTRUSIONS
12A	ES T045147TS	AS REQD.	EXTERIOR GLAZING GASKET (9/16" LAM. GLASS)	EPDM	MPI/EXTRUSIONS
12B	ES T045176TS	AS REQD.	EXTERIOR GLAZING GASKET (1-1/16" INSUL. LAM. GLASS)	EPDM	MPI/EXTRUSIONS
13	-	2/ VENT	4 BAR HINGE, AT TOP CORNER	STEEL	INTERLOCK, INSTALLED WITH (2) #10 X 5/8" SDS
14	NOVA CL01	1	MULTI POINT LOCK SYSTEM	-	INTERLOCK
15	-	AS REQD.	KEEPER	STEEL	INTERLOCK
16	NOVA	1/ VENT	ROTO OPERATOR	ZAMAK/STL.	INTERLOCK
17	PJS-40-SS	2/ CORNER	FRAME/VENT CORNER KEY	ST. STEEL	SULLIVAN & ASSOCIATES
18	#10 X 1-1/2"	AS REQD.	FRAME AND VENT ASSEMBLY FASTENERS	-	PH SMS
19	#10 X 2"	4/ VENT	VENT ASSEMBLY FASTENERS	-	PH SMS
20	ASD-2	AS REQD.	SNUBBERS	STEEL	-
21	#10 X 1/2"	2/ KEEPER	SNUBBER FASTENERS	-	FH SMS

LOCK OPTION #1:

MAGNUM MULTI POINT LOCK SYSTEM
AT FRAME SILL
LOCK OPERATOR AT 9" FROM EACH JAMB
FASTENED TO SILL WITH (2) #8 X 1/2" FH SMS

LOCK BAR SECURED TO JAMB WITH LOCK GUIDES
SPACED AT 12-3/4" O.C. MAX.
EACH GUIDE FASTENED WITH (2) #8 X 1" PH SMS

ST. STEEL KEEPERS AT VENT FACING LOCKING POINTS
EACH FASTENED WITH (2) #8 X 3/4" PH SMS
SEE CHART ON SHEET 1 FOR QUANTITIES

HINGES:

4-BAR ST/ST HINGES
LOCATED AT FRAME JAMB AND VENT TOP CORNERS
FASTENED TO FRAME WITH (3) #8 X 1/2" PH SMS
FASTENED TO VENT WITH (3) #8 X 1/2" PH SMS

OPERATOR:

SINGLE ARM ROTO OPERATOR
LOCATED AT MIDSPAN OF FRAME SILL
FASTENED WITH (6) #10 X 1" FH SMS
OPERATOR TRACK #30175 AT BOTTOM RAIL
FASTENED WITH (2) #10 X 1" P PH SMS

SNUBBERS:

METALLIC BLOW OUT CLIPS LOCATED AT FRAME HEAD AND VENT
TOP RAIL AT 11" FROM EACH END
EACH FASTENED WITH (2) #8 X 1/2" PH SMS

LOCK OPTION #2:

MAGNUM MULTI POINT LOCK SYSTEM
AT EACH FRAME JAMB
LOCK OPERATOR AT 9" FROM EACH JAMB
FASTENED TO SILL WITH (2) #8 X 1/2" FH SMS

LOCK BAR SECURED TO JAMB WITH LOCK GUIDES
SPACED AT 12-3/4" O.C. MAX.
EACH GUIDE FASTENED WITH (2) #8 X 1" PH SMS

ST. STEEL KEEPERS AT VENT FACING LOCKING POINTS
EACH FASTENED WITH (2) #8 X 3/4" PH SMS
SEE CHART ON SHEET 1 FOR QUANTITIES

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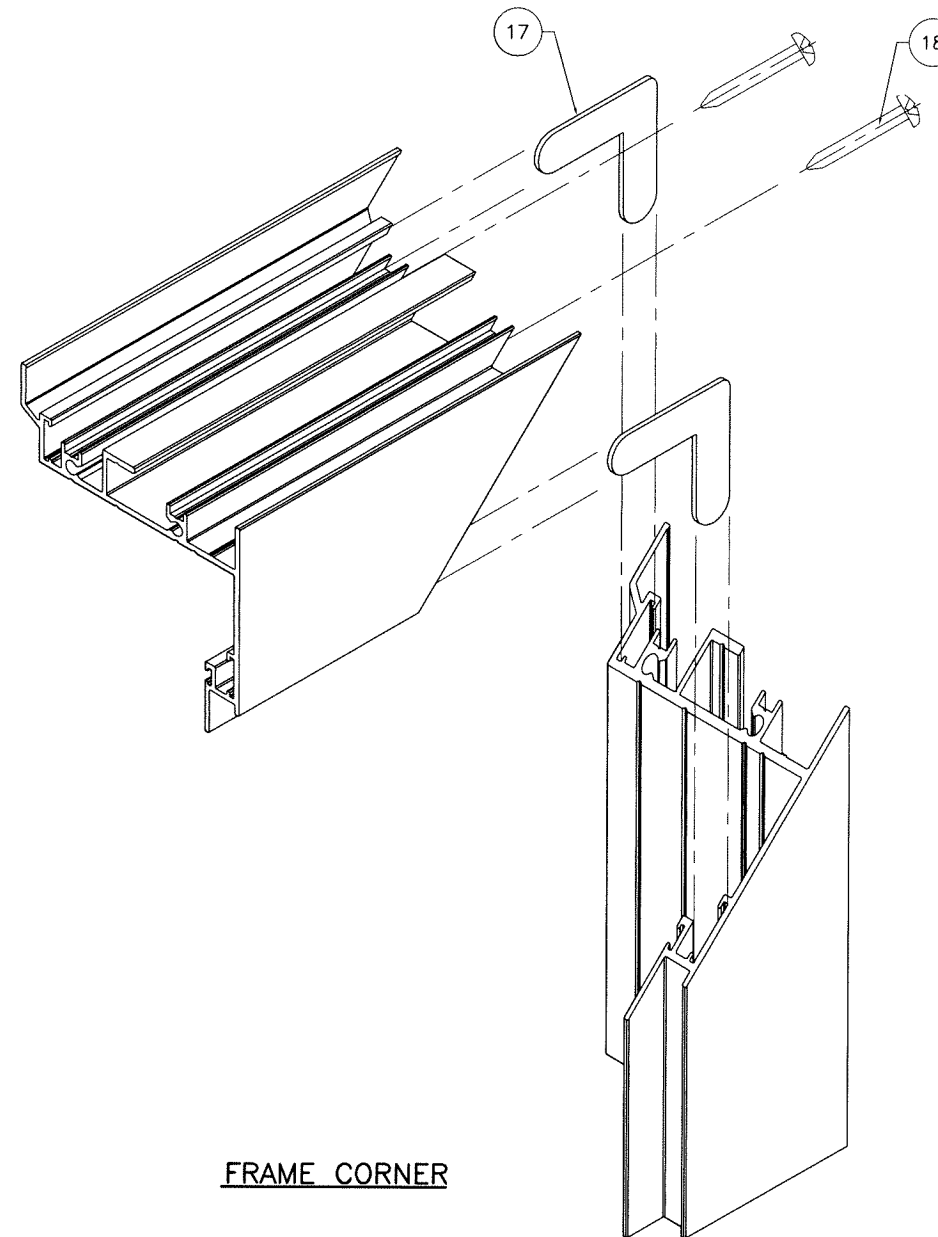
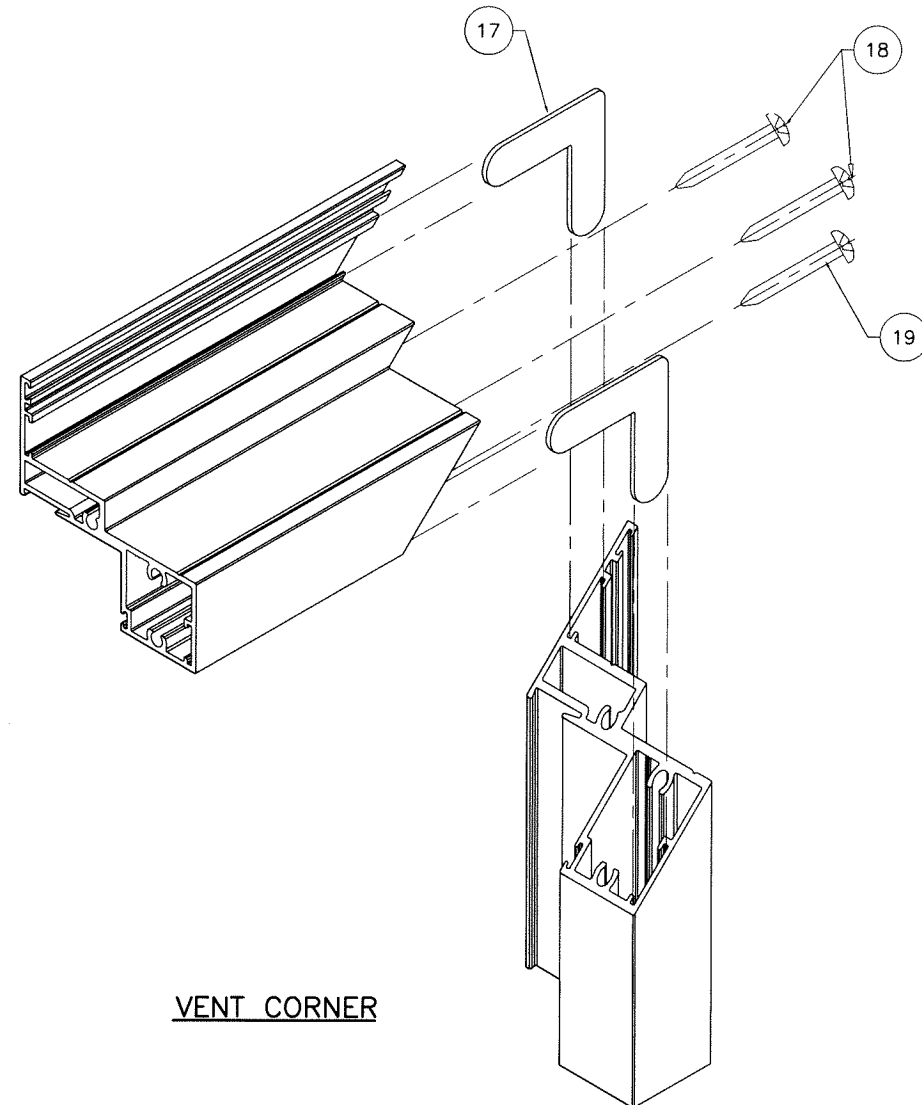
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Latrodectus Industries
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revisions:	no	date	by	description

date: 03-08-25

scale: $1/2'' = 1'$

dr. by: TARIQ

chk. by:

drawing no.
25-34F

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