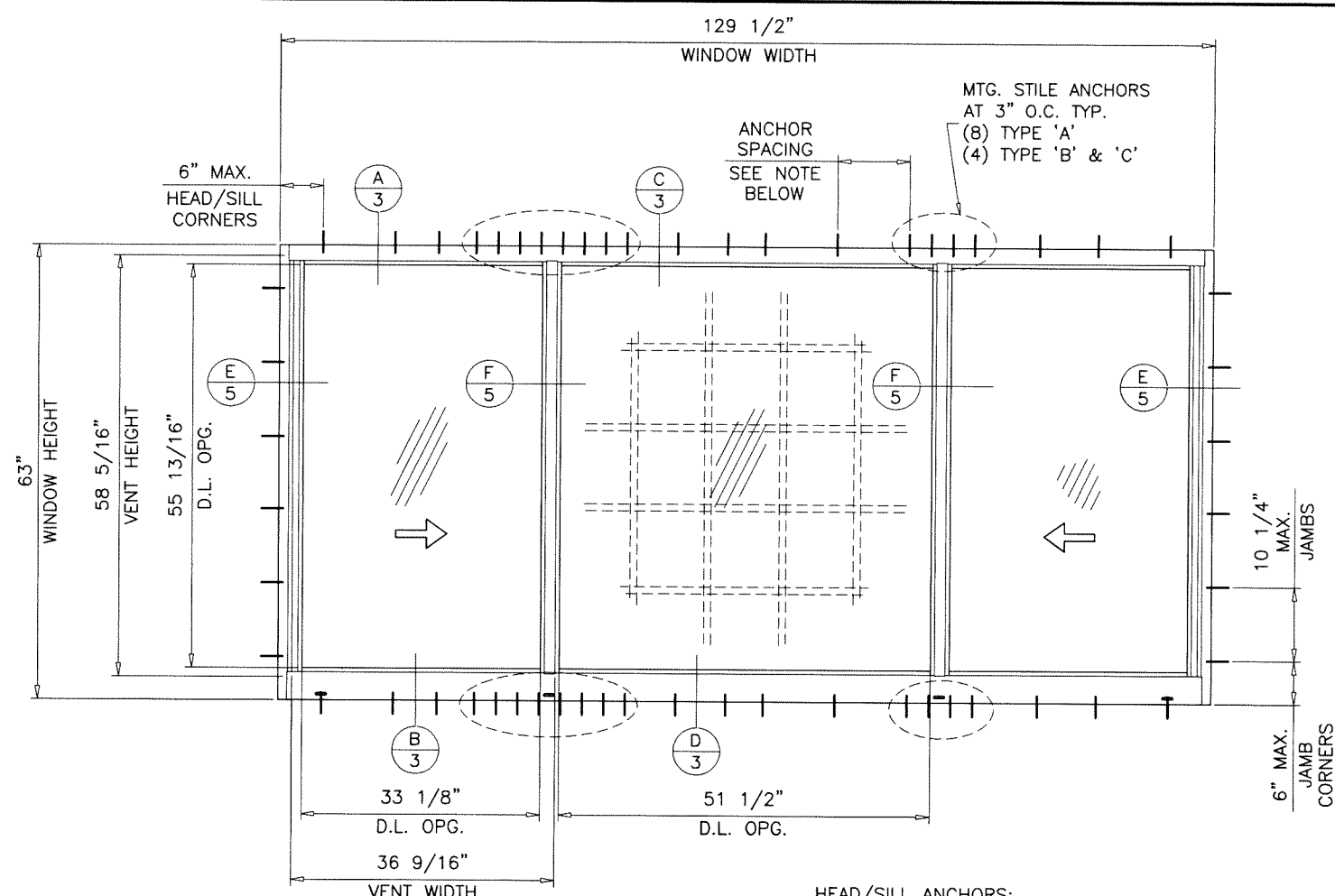
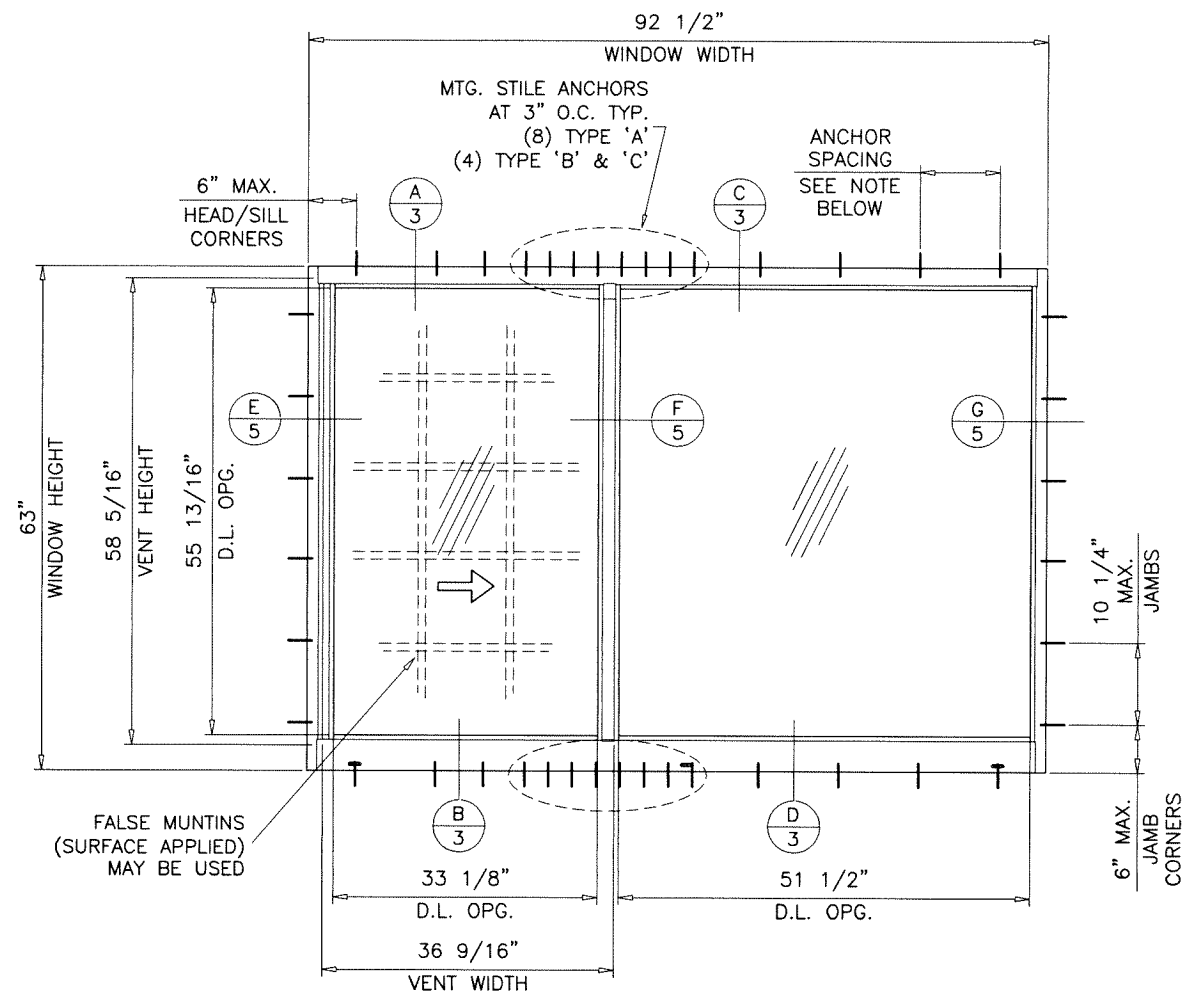




TYPICAL ELEVATIONS
(TESTED UNITS)

HEAD/SILL ANCHORS:
5" O.C. MAX. FOR ANCHORS TYPE 'A'
10" O.C. MAX. FOR ANCHORS TYPES 'B' & 'C'

SERIES-250

ALUMINUM HORIZONTAL ROLLING WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZONTAL ROLLING 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 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)'.

**MAXIMUM DESIGN LOAD RATING = + 50.0 PSF
- 50.0 PSF**

FOR SIZES SHOWN ABOVE OR SMALLER WITH GLASS TYPE 'A'.
FOR ALTERNATE SIZES AND GLASS TYPES OPTIONS
SEE CHARTS ON SHEET 2 FOR DESIGN LOAD RATINGS.

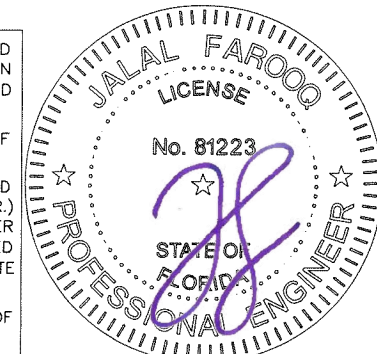
NOTE:
GLASS CAPACITIES ARE BASED ON
ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

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

Sealed: 6/26/2024

FL #46815

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\24-34F-AMA

SERIES-250 ALUM. HORIZ. ROLLING WDW. (L.M.I.)

Air Master Awning, LLC

P.O. Box. 2097

Barceloneta, P.R. 00617

Phone: (787) 623-1800 Fax: (787) 623-0087

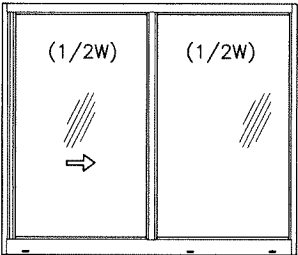
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chk. by:				

drawing no.

24-34F

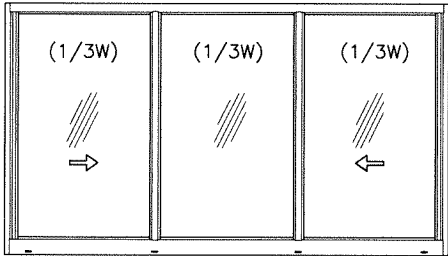
sheet 1 of 7

DESIGN LOAD CAPACITY - PSF (OX OR XO SIZES)					
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26"	50.0	50.0	50.0	50.0
37"		50.0	50.0	50.0	50.0
53-1/8"		50.0	50.0	50.0	50.0
74"		50.0	50.0	50.0	50.0
26-1/2"	38-3/8"	50.0	50.0	50.0	50.0
37"		50.0	50.0	50.0	50.0
53-1/8"		50.0	50.0	50.0	50.0
74"		50.0	50.0	50.0	50.0
26-1/2"	50-5/8"	50.0	50.0	50.0	50.0
37"		50.0	50.0	50.0	50.0
53-1/8"		50.0	50.0	50.0	50.0
74"		50.0	50.0	50.0	50.0
26-1/2"	56"	50.0	50.0	50.0	50.0
37"		50.0	50.0	50.0	50.0
53-1/8"		50.0	50.0	50.0	50.0
74"		50.0	50.0	50.0	50.0
26-1/2"	63"	50.0	50.0	50.0	50.0
37"		50.0	50.0	50.0	50.0
53-1/8"		50.0	50.0	50.0	50.0
74"		50.0	50.0	50.0	50.0
48"	24"	50.0	50.0	50.0	50.0
54"		50.0	50.0	50.0	50.0
60"		50.0	50.0	50.0	50.0
66"		50.0	50.0	50.0	50.0
72"		50.0	50.0	50.0	50.0
78"		50.0	50.0	50.0	50.0
48"	36"	50.0	50.0	50.0	50.0
54"		50.0	50.0	50.0	50.0
60"		50.0	50.0	50.0	50.0
66"		50.0	50.0	50.0	50.0
72"		50.0	50.0	50.0	50.0
78"		50.0	50.0	50.0	50.0
48"	48"	50.0	50.0	50.0	50.0
54"		50.0	50.0	50.0	50.0
60"		50.0	50.0	50.0	50.0
66"		50.0	50.0	50.0	50.0
72"		50.0	50.0	50.0	50.0
78"		50.0	50.0	50.0	50.0
48"	60"	50.0	50.0	50.0	50.0
54"		50.0	50.0	50.0	50.0
60"		50.0	50.0	-	-
66"		50.0	50.0	-	-
72"		50.0	50.0	-	-
78"		50.0	50.0	-	-



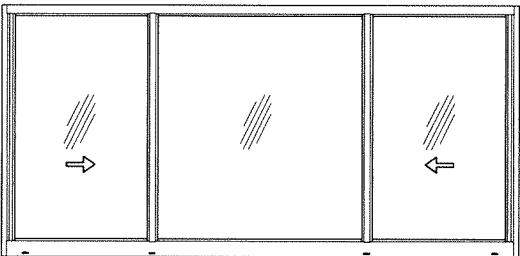
OPERATING VENTS TO BE 1/2 OF THE WDW. W.
'XO OR OX'

DESIGN LOAD CAPACITY - PSF (XOX SIZES)			
WINDOW DIMS.		GLASS TYPE 'A'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
74"	26"	50.0	50.0
106-1/4"		50.0	50.0
111"		50.0	50.0
74"	38-3/8"	50.0	50.0
106-1/4"		50.0	50.0
111"		50.0	50.0
74"	50-5/8"	50.0	50.0
106-1/4"		50.0	50.0
111"		50.0	50.0
74"	56"	50.0	50.0
106-1/4"		50.0	50.0
111"		50.0	50.0
74"	63"	50.0	50.0
106-1/4"		50.0	50.0
111"		50.0	50.0
72"	24"	50.0	50.0
84"		50.0	50.0
96"		50.0	50.0
108"		50.0	50.0
72"	36"	50.0	50.0
84"		50.0	50.0
96"		50.0	50.0
108"		50.0	50.0
72"	48"	50.0	50.0
84"		50.0	50.0
96"		50.0	50.0
108"		50.0	50.0
72"	60"	50.0	50.0
84"		50.0	50.0
96"		50.0	50.0
108"		50.0	50.0

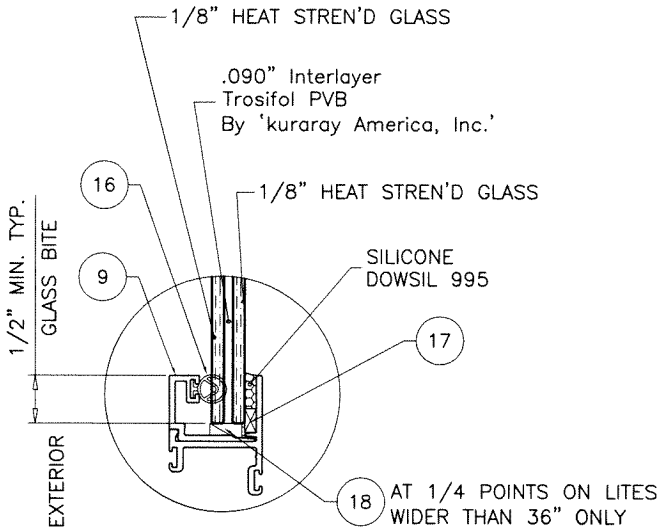


OPERATING VENTS TO BE 1/3 OF THE WDW. W.
'XOX'

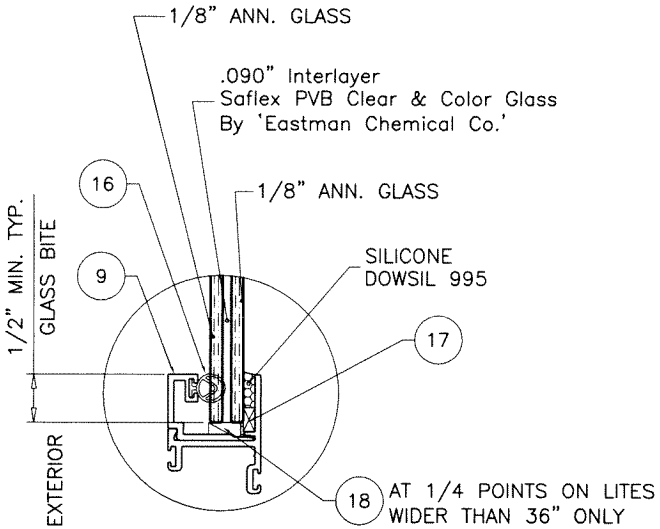
DESIGN LOAD CAPACITY - PSF (XOX SIZES)			
WINDOW DIMS.		GLASS TYPE 'A'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
74"	26"	50.0	50.0
106-1/4"		50.0	50.0
111"		50.0	50.0
74"	38-3/8"	50.0	50.0
106-1/4"		50.0	50.0
111"		50.0	50.0
74"	50-5/8"	50.0	50.0
106-1/4"		50.0	50.0
111"		50.0	50.0
74"	56"	50.0	50.0
106-1/4"		50.0	50.0
111"		50.0	50.0
74"	60"	50.0	50.0
106-1/4"		50.0	50.0
111"		50.0	50.0
72"	24"	50.0	50.0
84"		50.0	50.0
96"		50.0	50.0
108"		50.0	50.0
72"	36"	50.0	50.0
84"		50.0	50.0
96"		50.0	50.0
108"		50.0	50.0
72"	48"	50.0	50.0
84"		50.0	50.0
96"		50.0	50.0
108"		50.0	50.0
72"	60"	50.0	50.0
84"		50.0	50.0
96"		50.0	50.0
108"		50.0	50.0



OPERATING VENTS TO BE 1/4 TO 1/3 OF THE WDW. W.
'XOX'



GLASS TYPE 'A'
5/16" OVERALL LAM. GLASS



GLASS TYPE 'B'
5/16" OVERALL LAM. GLASS

GLAZING OPTIONS

Sealed: 6/26/2024

FL #46815



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100

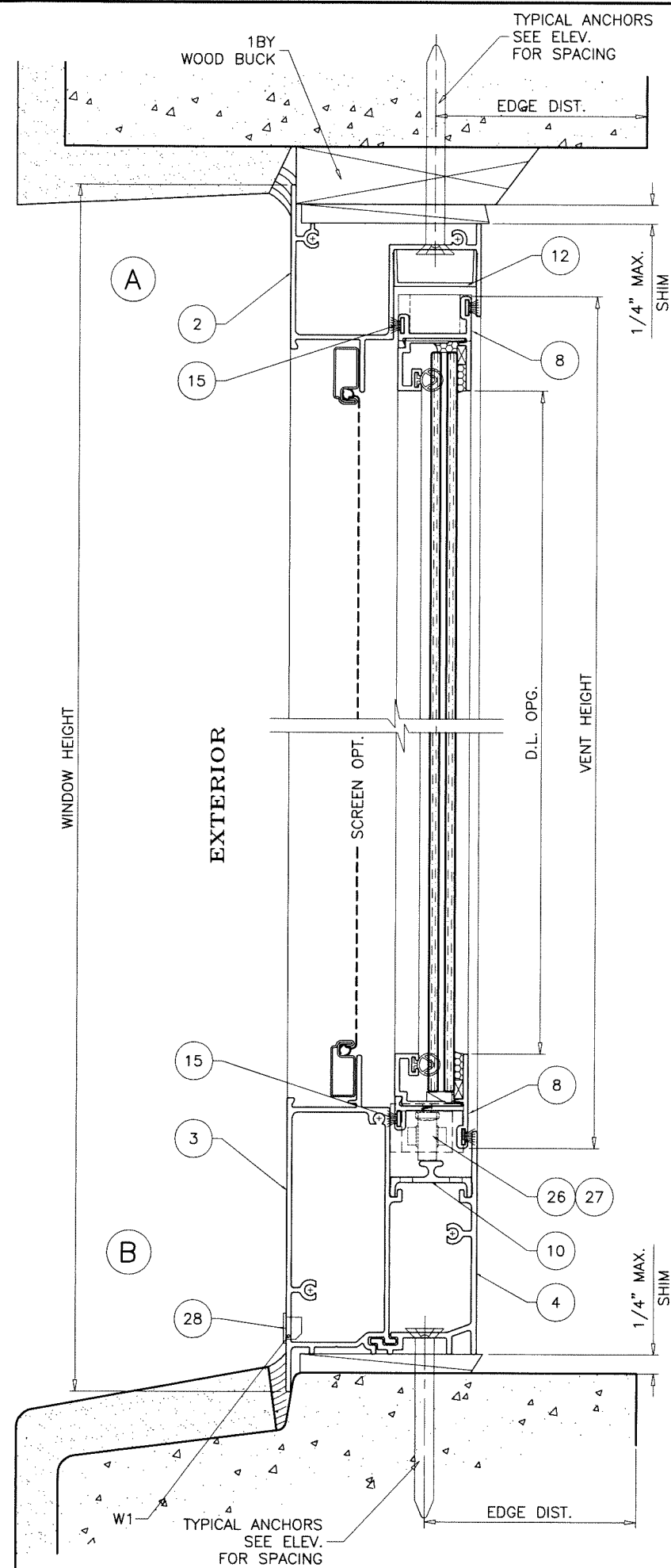
af c
(C.A.N. 3538)
FAX: (305) 262-6978

COMP-ANL \ 24-34F-AMA

SERIES-250 ALUM HORIZ. ROLLING WDW. (L.M.I.)

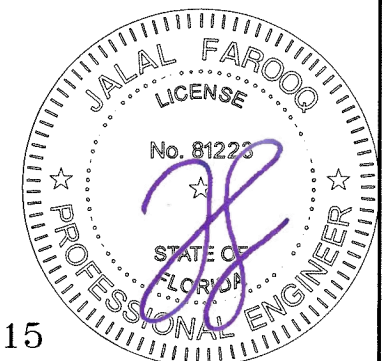
Air Master Awning, LLC
P.O. Box. 2097
Barceloneta, P.R. 00617
Phone: (787) 623-1800 Fax: (787) 623-0087

revisions:	no	date	by	description
date:	06-12-24	scale:	1/2"=1'-0"	
dr. by:	TARIQ	chk. by:		
drawing no.	24-34F	sheet	2 of 7	



WEEPHOLES:

Sealed: 6/26/2024



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

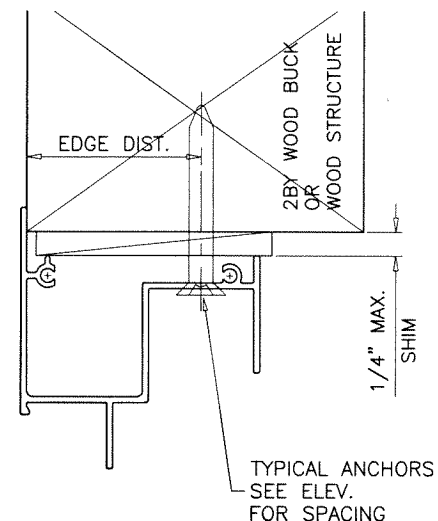
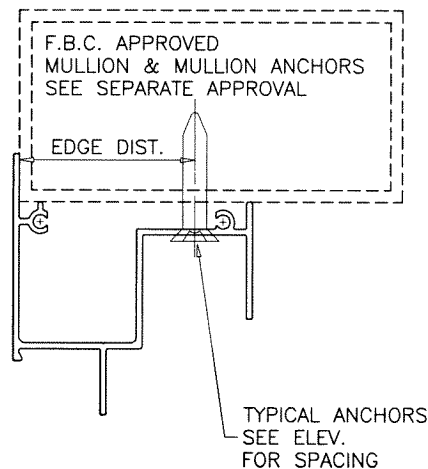
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- TYPE 'A' - **#12 SMS OR WOOD SCREWS** (GRADE 2 CRS)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
- TYPE 'B' - **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/SILL/JAMBS)
THRU 1BY BUCKS INTO CONC. OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
DIRECTLY INTO CONCRETE OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
- TYPE 'C' - **1/4" DIA. TEKS OR SELF-DRILLING SCREWS** (GRADE 5 CRS)
INTO F.B.C. APPROVED MULLIONS
OR
INTO METAL STRUCTURES (HEAD/SILL/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)

TYPICAL EDGE DISTANCE

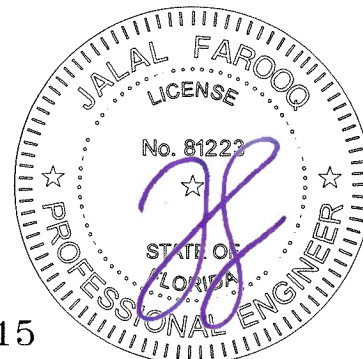
INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

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.

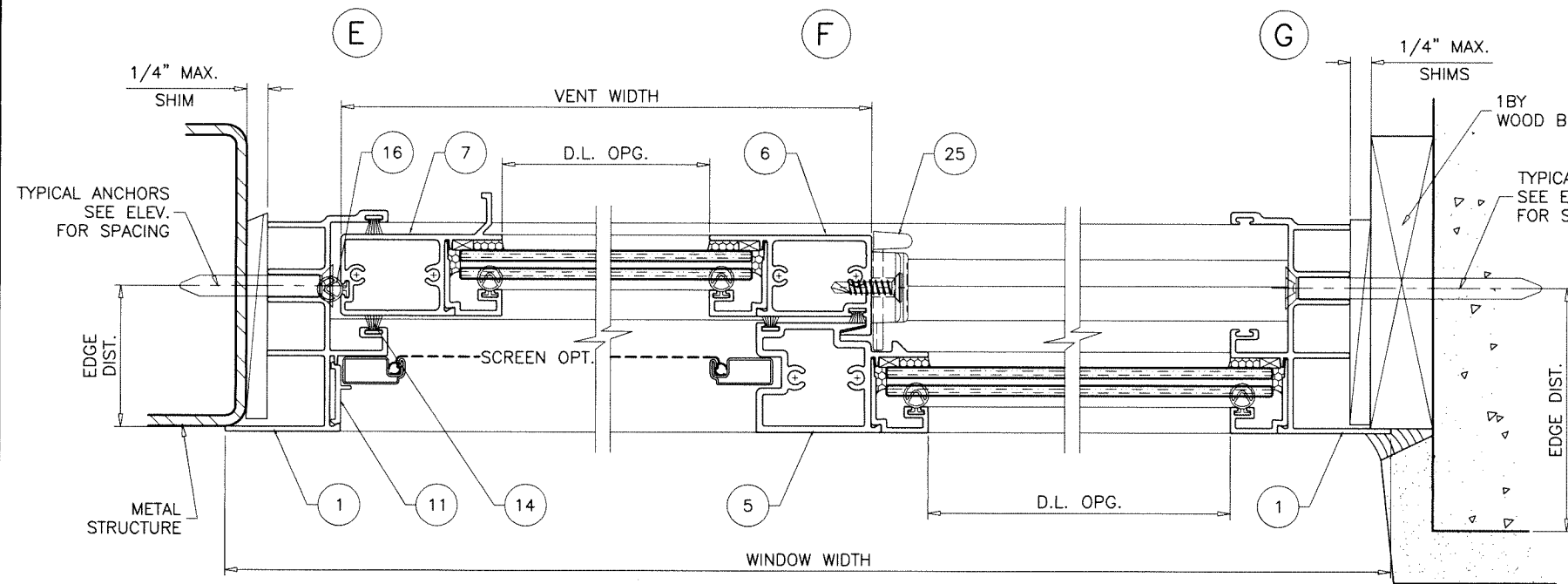


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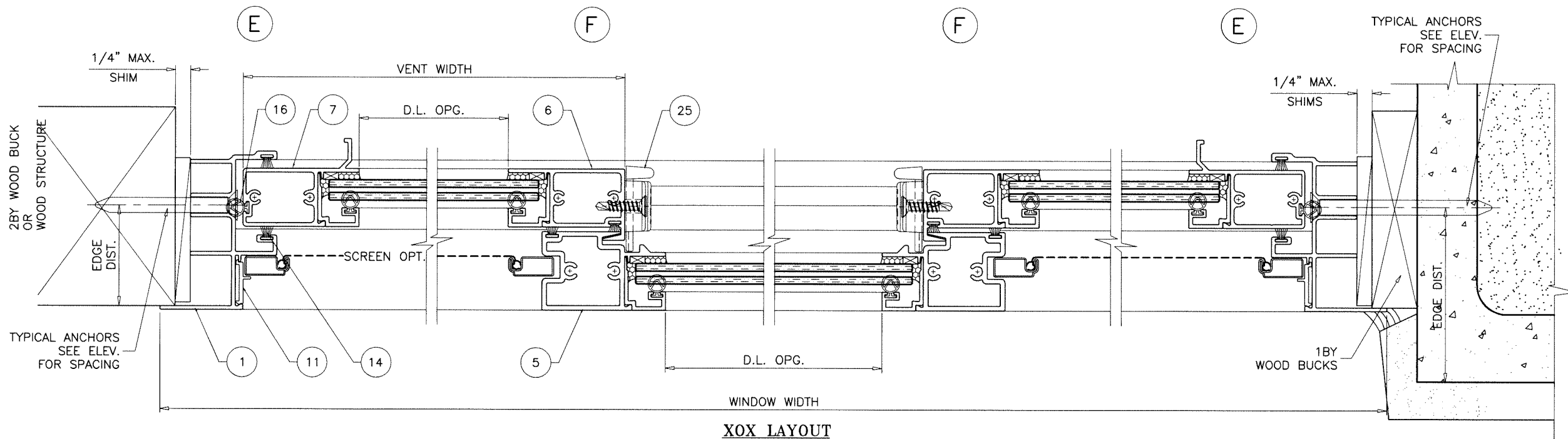
FL #46815



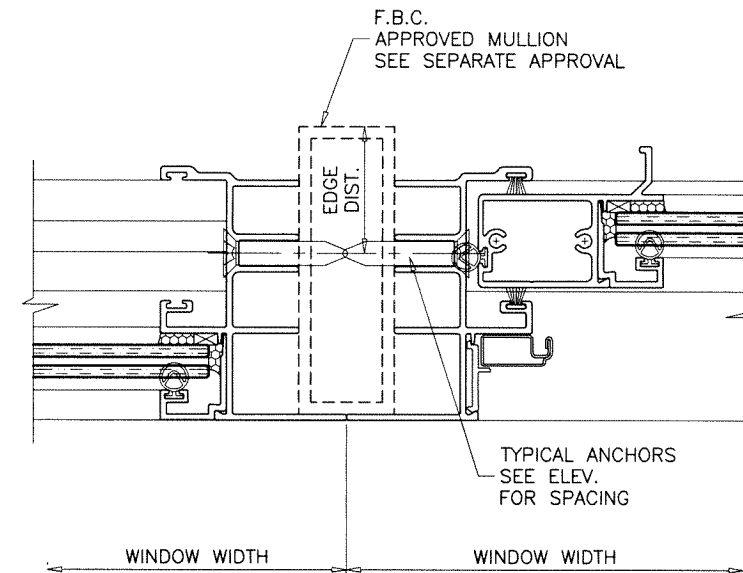
AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978 (C.A.N. 3538)		af c	
		COMP-ANL \ 24-34F-AMA	
SERIES-250 ALUM HORIZ. ROLLING WDW. (L.M.I.)		Air Master Awning, LLC P.O. Box. 2097 Barceloneta, P.R. 00617 Phone: (787) 623-1800 Fax: (787) 623-0087	
date: 06-12-24	scale: 1/2" = 1"	dr. by: TARIQ	chk. by:
drawing no. 24-34F		sheet 4 of 7	



XO LAYOUT

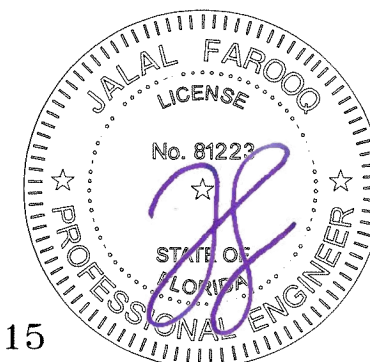


XOX LAYOUT



Sealed: 6/26/2024

FL #46815



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9360 SUNSET DRIVE, SUITE 220
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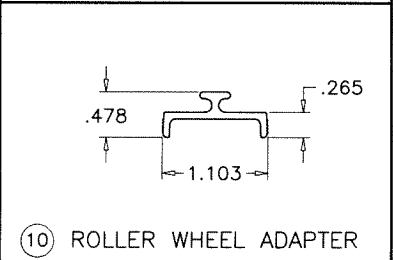
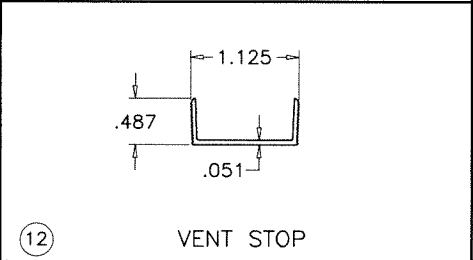
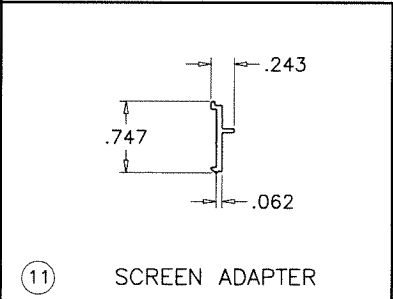
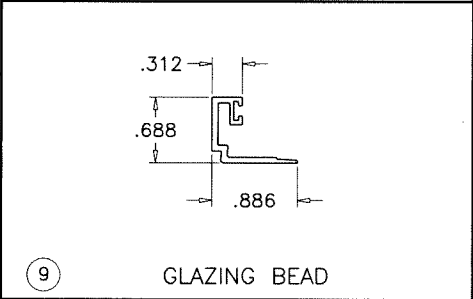
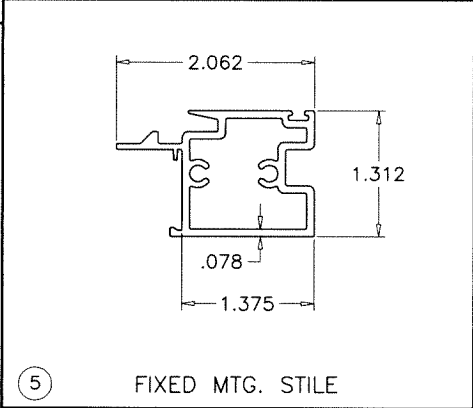
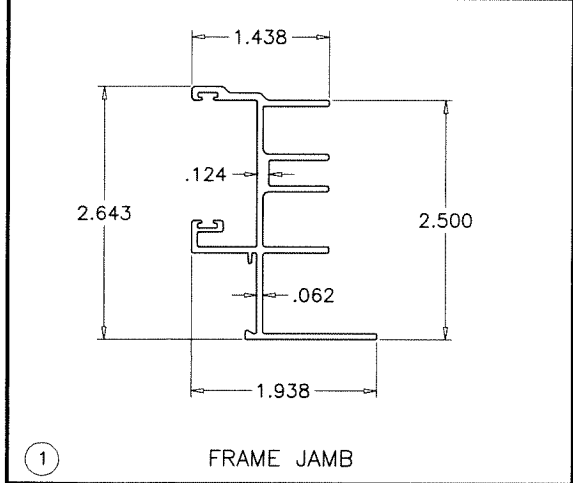
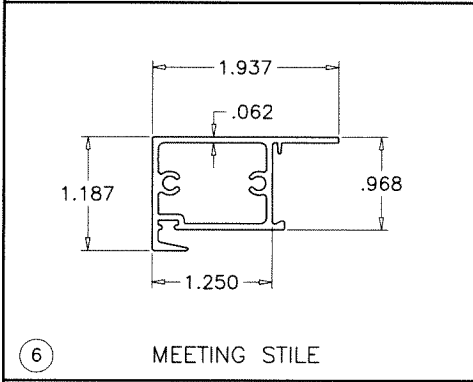
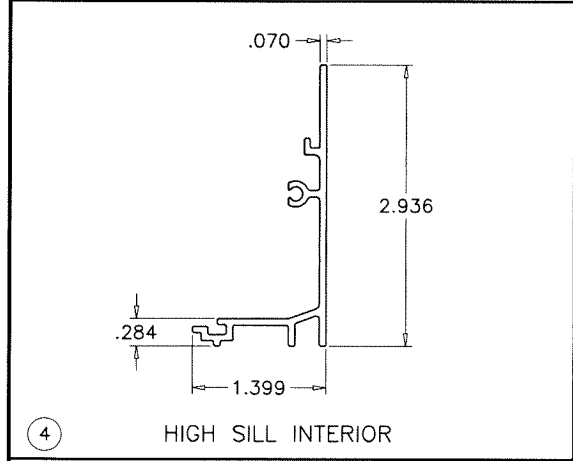
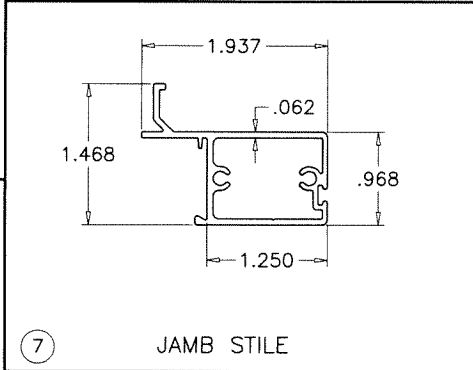
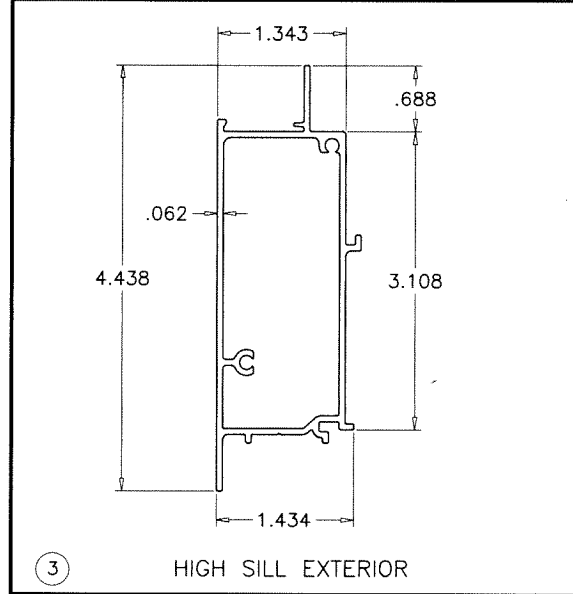
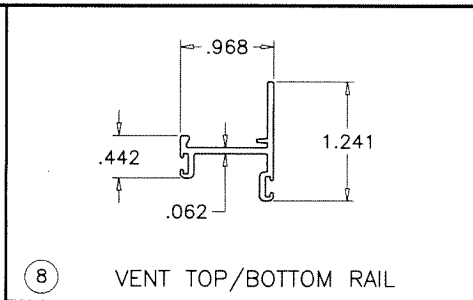
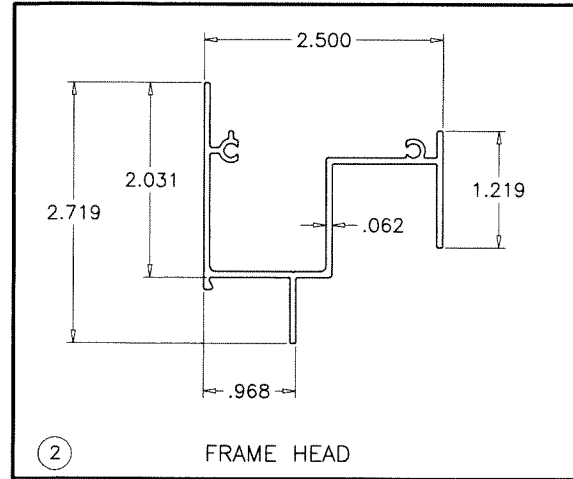
Air Master Awning, LLC
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revisions:

no	date	by description

date: 06-12-24
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
24-34F
sheet 5 of 7



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	22813	2	FRAME JAMB	6063-T5	-
2	22022	1	FRAME HEAD	6063-T5	-
3	22819	1	HIGH SILL EXTERIOR	6063-T5	-
4	22820	1	HIGH SILL INTERIOR	6063-T5	-
5	22019	1/ VENT	FIXED MTG. STILE	6063-T5	-
6	22023	AS REQD.	VENT INTERLOCK	6063-T5	-
7	22055	1/ VENT	JAMB STILE	6063-T5	-
8	22025	2/ VENT	TOP AND BOTTOM RAIL	6063-T5	-
9	22650	AS REQD.	GLAZING BEAD	6063-T5	-
10	88821	1	ROLLER WHEEL ADAPTER	6063-T5	-
11	22817	1	SCREEN ADAPTER	6063-T5	-
12	22803	1	VENT STOP	6063-T5	-
14	22438	AS REQD.	FIN SEAL W'STRIPPING AT JAMBS	POLYPROPYLENE	ULTRAFAB
15	96817	AS REQD.	FIN SEAL W'STRIPPING	POLYPROPYLENE	ULTRAFAB
16	32010	AS REQD.	MULTI HOLLOW GLAZING BEAD/WSTRIPPING	VINYL	SOUTHERN PLASTICS
17	96900	AS REQD.	SIDE BLOCK	EPDM	-
18	96900	AS REQD.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
19	95007	AS REQD.	VENT COVER	VINYL	-
20	95499	2/ ASSY.	ROLLER ASSEMBLY/GUIDE FASTENERS	ST/ST	#8 X 3/4" P.H. SMS
21	95708	2/ LATCH	LATCH INSTALLATION FASTENERS	ST/ST	#8 X 1" F.H. SMS
22	95543	AS REQD.	FRAME/VENT ASSEMBLY FASTENERS	ST/ST	#10 X 1" P.H. SMS
24	-	AS REQD.	FIX. STILE SILL ASSEMBLY FASTENERS	ST/ST	#10 X 4" P.H. SMS
25	10698	2/ VENT	SWEEP LATCH, 12-1/2" FROM EACH END	ZINC	SULLIVAN & ASSOCIATES
26	99645	2/ VENT	ROLLER HOUSING & GUIDE	PLASTIC/ST. STEEL	-
27	99646	2/ VENT	5/8" DIA. NYLON ROLLERS	-	-
28	-	2/ WDW.	WEEP VALVE	-	S.I.L. PLASTICS
29	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
PECORA 895 JOINT SEALER.



Sealed: 6/26/2024

FL #46815

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
FAX. (305) 262-6978
C.A.N. 3538

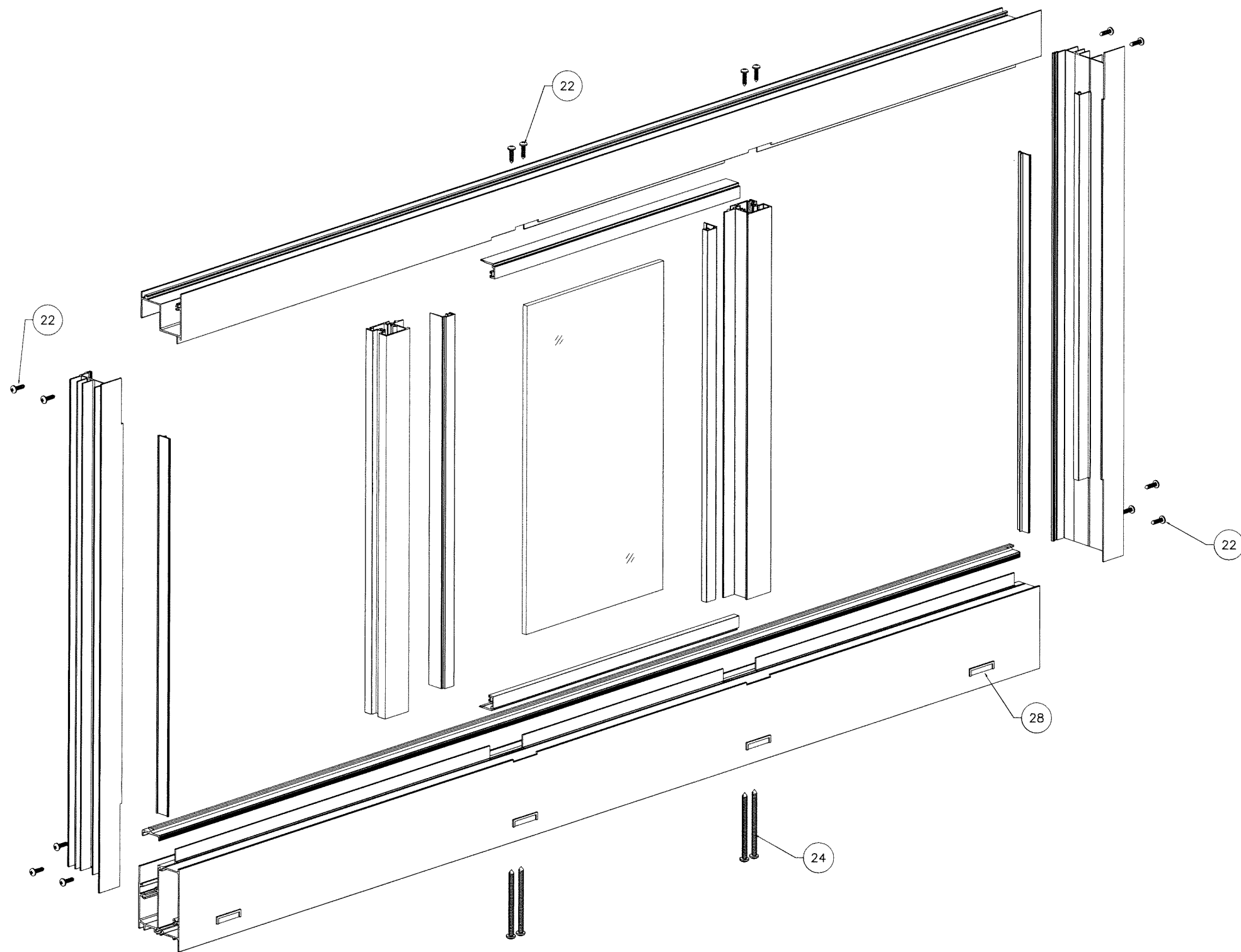
air
Master Awning, LLC
P.O. Box. 2097
Barceloneta, P.R. 00617
Phone: (787) 623-1800
Fax: (787) 623-0087

SERIES-250 ALUM HORIZ. ROLLING WDW. (L.M.I.)

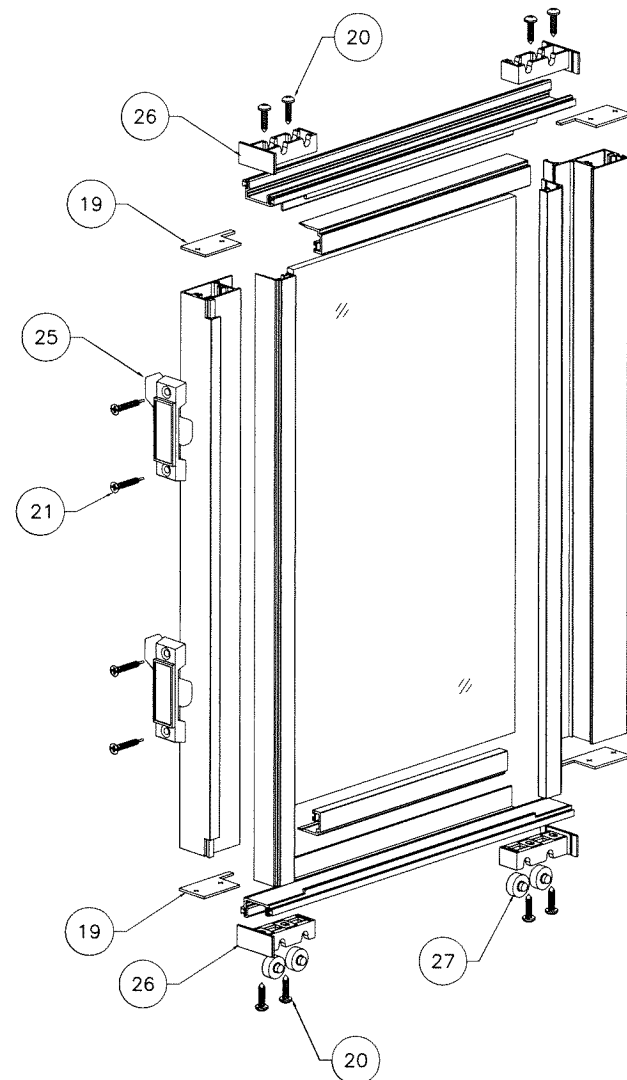
revisions:
no date by description

date: 06-12-24
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

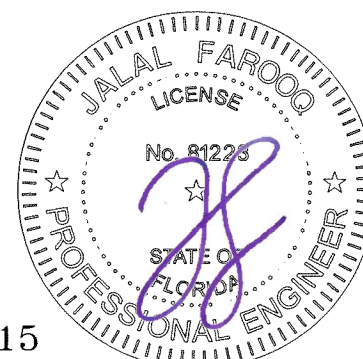
drawing no.
24-34F
sheet 6 of 7



FRAME ASSEMBLY DETAIL



VENT ASSEMBLY DETAIL



Sealed: 6/26/2024

FL #46815

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 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\24-34F-AMA

SERIES-250 ALUM HORIZ. ROLLING WDW. (L.M.I.)

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sheet	7	of	7