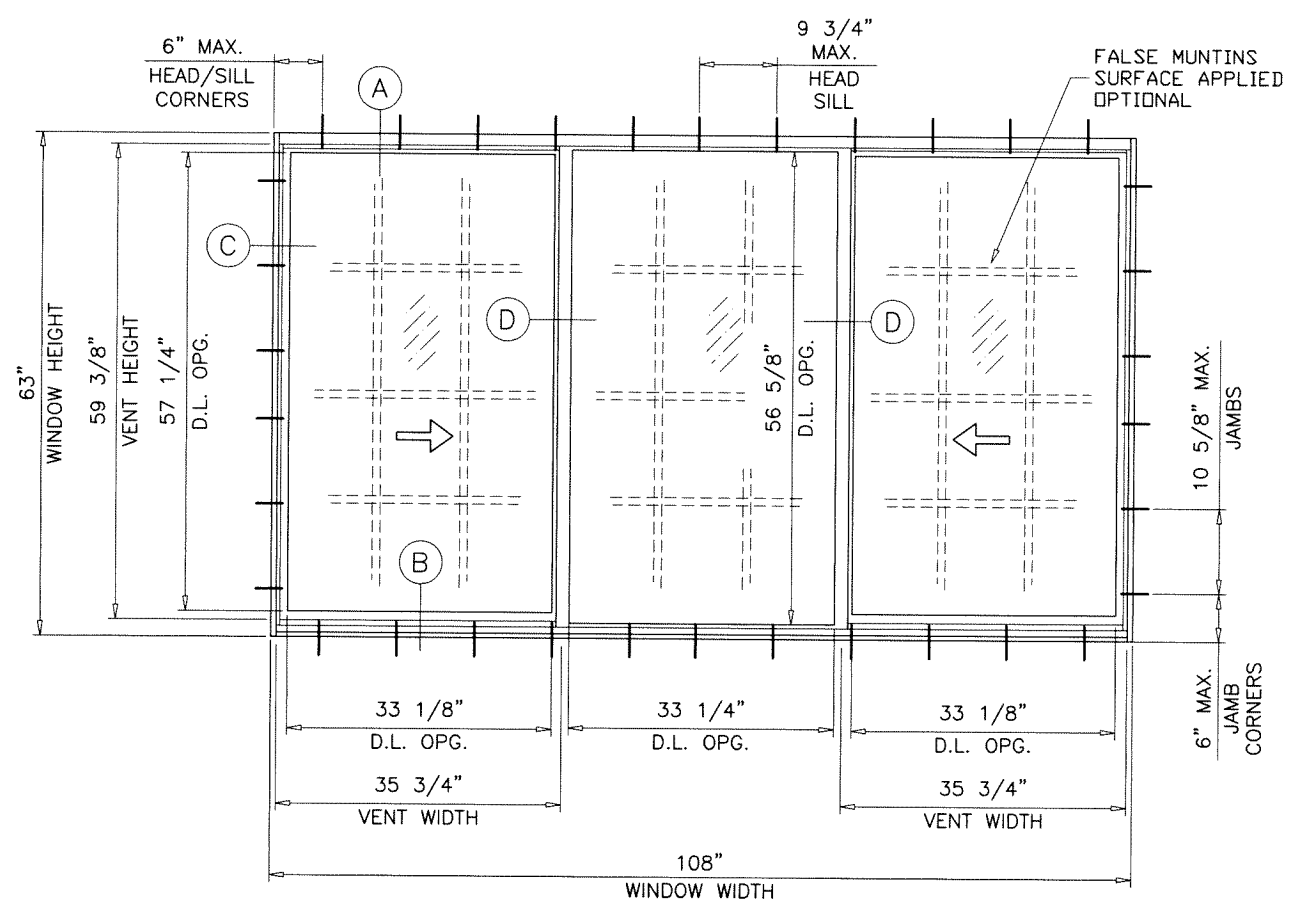
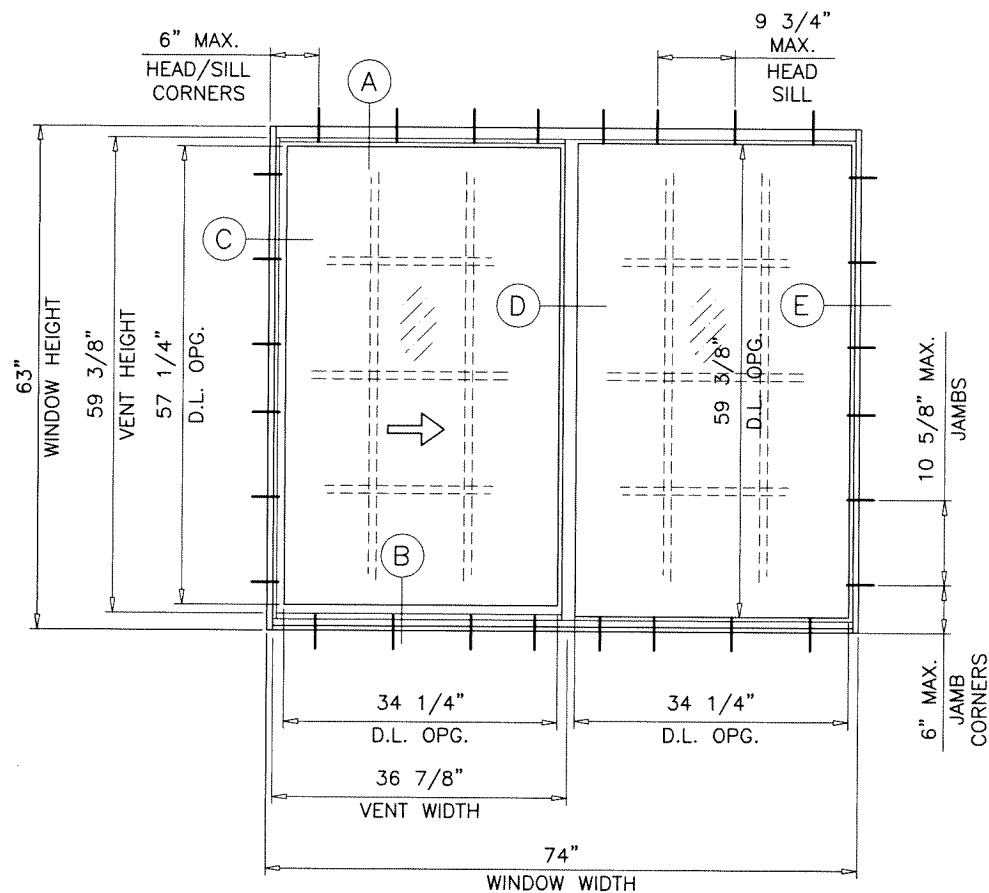




SERIES 6800

ALUMINUM HORIZONTAL SLIDING WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 3.

APPROVAL APPLIES TO SINGLE HORIZONTAL SLIDING WINDOWS, ALSO COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING 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 UNITS

WINDOWS 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.

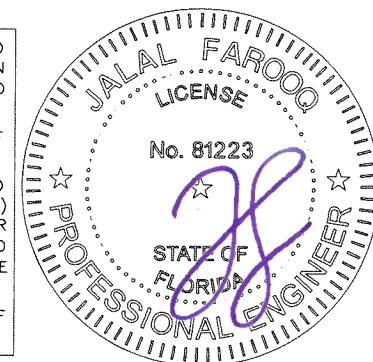
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

MONOLITHIC GLASS
INSULATED GLASS
NON IMPACT

Sealed: 7/20/2023

FL #21850

- 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.



SERIES 6800 ALUM HORIZONTAL SLIDING WDW. (N.I.)

Assura Windows & Doors, LLC.

1543 N. Powerline Road

Pompano Beach, FL. 33069

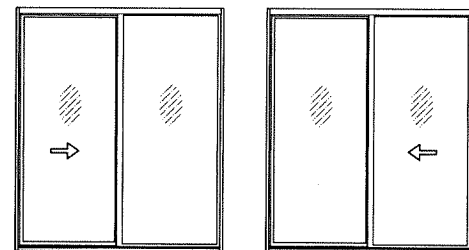
Tel. (954) 781-4430 www.assurawindows.com

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W17-12AWP

revisions:	no.	date	by	description
	A	10.17.17		UPDATED TO 2017 FBC
	B	09.23.20		UPDATED TO 2020 FBC
	C	07.03.23		UPDATED TO 2023 FBC
date:	02-09-17			
scale:	1/2" = 1"			
dr. by:	TARIQ			
chk. by:				
drawing no.	W17-12			
sheet	1 of 6			

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)								
WINDOW DIMS.		A	GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	24"	3	60.0	125.0	60.0	210.0	60.0	210.0
36"		3	60.0	125.0	60.0	210.0	60.0	210.0
48"		5	60.0	104.1	60.0	196.9	60.0	210.0
60"		6	60.0	84.7	60.0	156.9	60.0	210.0
72"		8	60.0	66.9	60.0	127.4	60.0	210.0
24"	36"	3	60.0	125.0	60.0	210.0	60.0	210.0
36"		3	60.0	79.7	60.0	163.5	60.0	179.6
48"		5	60.0	68.6	60.0	126.2	60.0	151.6
60"		6	-	-	60.0	102.8	60.0	138.6
72"		8	-	-	60.0	85.6	60.0	134.7
24"	48"	3	60.0	66.2	60.0	157.7	60.0	173.2
36"		3	45.5	45.5	60.0	113.2	60.0	124.4
48"		5	-	-	60.0	88.8	60.0	101.0
60"		6	-	-	60.0	73.5	60.0	88.2
72"		8	-	-	60.0	66.3	60.0	80.8
24"	60"	3	33.6	33.6	60.0	122.6	60.0	134.7
36"		3	-	-	60.0	86.6	60.0	95.1
48"		5	-	-	60.0	69.0	60.0	75.8
60"		6	-	-	54.5	54.5	60.0	64.7
72"		8	-	-	-	-	53.6	53.6
72"	63"	8	-	-	-	-	50.0	50.0
26-1/2"	26"	3	60.0	125.0	60.0	210.0	60.0	210.0
37"		4	60.0	122.1	60.0	210.0	60.0	210.0
53-1/8"		6	60.0	88.4	60.0	161.7	60.0	210.0
74"		8	60.0	62.7	60.0	113.7	60.0	210.0
26-1/2"	38-3/8"	3	60.0	110.4	60.0	188.9	60.0	207.5
37"		4	60.0	71.8	60.0	147.5	60.0	162.0
53-1/8"		6	-	-	60.0	106.6	60.0	131.0
74"		8	-	-	60.0	78.3	60.0	118.7
26-1/2"	50-5/8"	3	51.2	51.2	60.0	136.3	60.0	149.7
37"		4	37.7	37.7	60.0	103.8	60.0	114.0
53-1/8"		6	-	-	60.0	74.8	60.0	88.0
74"		8	-	-	60.0	61.4	60.0	73.4
26-1/2"	63"	3	26.3	26.3	60.0	106.4	60.0	116.9
37"		4	-	-	60.0	79.9	60.0	85.2
53-1/8"		6	-	-	57.9	57.9	59.6	61.6

A = NO. OF ANCHORS PER HEAD & SILL



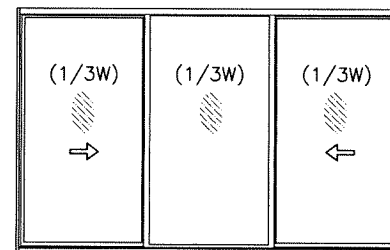
XO

OX

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

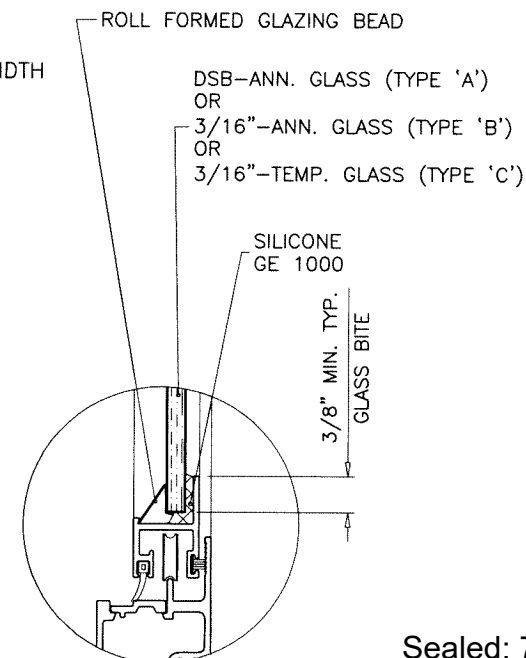
DESIGN LOAD CAPACITY - PSF (XOX SIZES)							
WINDOW DIMS.		A	GLASS TYPE 'B'		GLASS TYPE 'C'		
WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
72"	24"	8	60.0	197.9	60.0	210.0	
84"		9	60.0	169.7	60.0	210.0	
96"		10	60.0	146.7	60.0	206.9	
108"		11	60.0	127.9	60.0	203.6	
72"	36"	8	60.0	126.8	60.0	151.6	
84"		9	60.0	110.1	60.0	141.7	
96"		10	60.0	96.8	60.0	136.4	
108"		11	60.0	85.9	60.0	134.7	
72"	48"	8	60.0	89.3	60.0	101.0	
84"		9	60.0	77.1	60.0	91.7	
96"		10	60.0	71.0	60.0	85.3	
108"		11	60.0	66.4	60.0	80.8	
72"	60"	8	60.0	69.0	60.0	75.8	
84"		9	58.2	58.2	60.0	67.8	
96"		10	52.4	52.4	60.0	62.0	
74"	26"	8	60.0	174.7	60.0	210.0	
106-1/4"		11	60.0	120.3	60.0	193.5	
111"		12	60.0	114.2	60.0	204.6	
74"	38-3/8"	8	60.0	114.2	60.0	135.9	
106-1/4"		11	60.0	82.7	60.0	119.3	
111"		12	60.0	78.7	60.0	118.7	
74"	50-5/8"	8	60.0	81.4	60.0	92.4	
106-1/4"		11	60.0	63.0	60.0	74.9	
111"		12	60.0	61.6	60.0	73.4	
74"	63"	8	60.0	61.7	60.0	65.7	

A = NO. OF ANCHORS PER HEAD & SILL



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

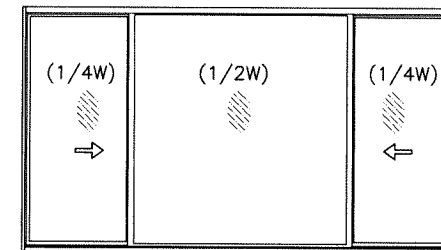
XOX



GLAZING OPTIONS

DESIGN LOAD CAPACITY - PSF (XOX SIZES)						
WINDOW DIMS.		A	GLASS TYPE 'B'		GLASS TYPE 'C'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
72"	24"	8	60.0	134.3	60.0	210.0
84"		9	60.0	111.0	60.0	210.0
96"		10	60.0	95.2	60.0	206.9
108"		11	60.0	85.2	60.0	203.6
72"	36"	8	60.0	88.8	60.0	148.5
84"		9	60.0	78.3	60.0	146.6
96"		10	60.0	68.4	60.0	142.0
108"		11	59.0	59.0	-	-
72"	48"	8	60.0	68.1	60.0	98.0
74"	26"	8	60.0	119.7	60.0	210.0
106-1/4"		11	60.0	76.5	60.0	193.5
111"		12	60.0	73.1	60.0	204.6
74"	38-3/8"	8	60.0	82.3	60.0	137.0
74"	50-5/8"	8	60.0	62.8	60.0	89.3

A = NO. OF ANCHORS PER HEAD & SILL

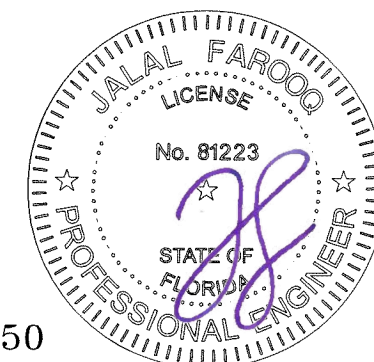


OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

XOX

Sealed: 7/20/2023

FL #21850



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W17-12AWP

SERIES 6800 ALUM HORIZONTAL SLIDING WDW. (N.I.)
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Pompano Beach, FL 33069
Tel. (954) 781-4430 www.assurawindows.com

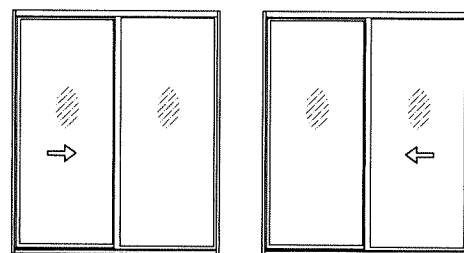
revisions:
no. date by description

date: 02-09-17
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W17-12
sheet 2 of 6

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)						
WINDOW DIMS.		A	GLASS TYPE 'E'		GLASS TYPE 'D'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	24"	3	50.0	210.0	50.0	210.0
36"		3	50.0	210.0	50.0	210.0
48"		5	50.0	187.8	50.0	210.0
60"		6	50.0	152.8	50.0	210.0
72"		8	50.0	120.5	50.0	210.0
24"	36"	3	50.0	210.0	50.0	210.0
36"		3	50.0	144.0	50.0	191.7
48"		5	50.0	124.0	50.0	161.7
60"		6	50.0	109.2	50.0	147.9
72"		8	50.0	92.9	50.0	143.8
24"	48"	3	50.0	163.3	50.0	184.8
36"		3	50.0	110.8	50.0	132.7
48"		5	50.0	81.6	50.0	107.8
60"		6	50.0	78.6	50.0	94.1
72"		8	50.0	72.8	50.0	86.3
24"	60"	3	50.0	127.0	50.0	143.8
36"		3	50.0	89.7	50.0	101.5
48"		5	50.0	62.7	50.0	80.9
60"		6	50.0	57.1	50.0	69.0
72"		8	50.0	54.4	50.0	61.6
24"	63"	3	50.0	120.4	50.0	136.2
36"		3	50.0	84.7	50.0	95.8
48"		5	50.0	59.9	50.0	76.1
60"		6	50.0	53.2	50.0	64.7
72"		8	50.0	50.8	50.0	57.5
26-1/2"	26"	3	50.0	210.0	50.0	210.0
37"		4	50.0	210.0	50.0	210.0
53-1/8"		6	50.0	159.7	50.0	210.0
74"		8	50.0	113.1	50.0	210.0
26-1/2"	38-3/8"	3	50.0	195.7	50.0	210.0
37"		4	50.0	129.5	50.0	172.9
53-1/8"		6	50.0	109.4	50.0	139.7
74"		8	50.0	85.7	50.0	126.7
26-1/2"	50-5/8"	3	50.0	141.2	50.0	159.8
37"		4	50.0	102.5	50.0	121.7
53-1/8"		6	50.0	74.0	50.0	93.9
74"		8	50.0	67.7	50.0	78.4
26-1/2"	63"	3	50.0	110.2	50.0	124.7
37"		4	50.0	82.8	50.0	93.7
53-1/8"		6	50.0	55.1	50.0	70.5
74"		8	50.0	50.0	-	-

A = NO. OF ANCHORS PER HEAD & SILL

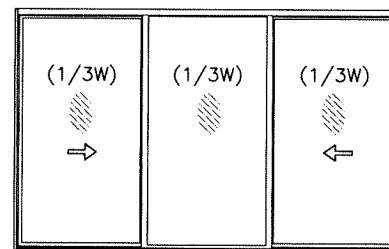


XO

OX

DESIGN LOAD CAPACITY - PSF (XOX SIZES)						
WINDOW DIMS.		A	GLASS TYPE 'E'		GLASS TYPE 'D'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
72"	24"	8	50.0	188.5	50.0	210.0
84"		9	50.0	165.2	50.0	210.0
96"		10	50.0	141.9	50.0	210.0
108"		11	50.0	121.2	50.0	210.0
72"	36"	8	50.0	124.2	50.0	161.1
84"		9	50.0	115.0	50.0	151.2
96"		10	50.0	103.7	50.0	145.5
108"		11	50.0	93.1	50.0	143.8
72"	48"	8	50.0	81.6	50.0	107.8
84"		9	50.0	79.5	50.0	97.8
96"		10	50.0	77.2	50.0	91.0
108"		11	50.0	73.0	50.0	86.3
72"	60"	8	50.0	62.9	50.0	80.9
84"		9	50.0	57.6	50.0	72.3
96"		10	50.0	56.9	50.0	66.2
108"		11	50.0	53.6	50.0	61.6
72"	63"	8	—	—	50.0	76.1
84"		9	—	—	50.0	67.9
96"		10	—	—	50.0	61.9
108"		11	—	—	50.0	57.5
74"	26"	8	50.0	169.1	50.0	210.0
106-1/4"		11	50.0	120.3	50.0	201.0
111"		12	50.0	113.6	50.0	210.0
74"	38-3/8"	8	50.0	112.4	50.0	145.0
106-1/4"		11	50.0	89.9	50.0	127.3
111"		12	50.0	85.9	50.0	126.7
74"	50-5/8"	8	50.0	75.1	50.0	98.6
106-1/4"		11	50.0	69.5	50.0	79.9
111"		12	50.0	68.0	50.0	78.4
74"	63"	8	50.0	58.5	50.0	74.5
106-1/4"		11	50.0	50.5	50.0	58.1

A = NO. OF ANCHORS PER HEAD & SILL



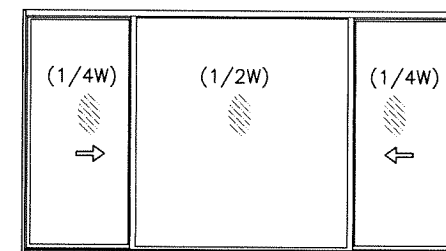
OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

XOX

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

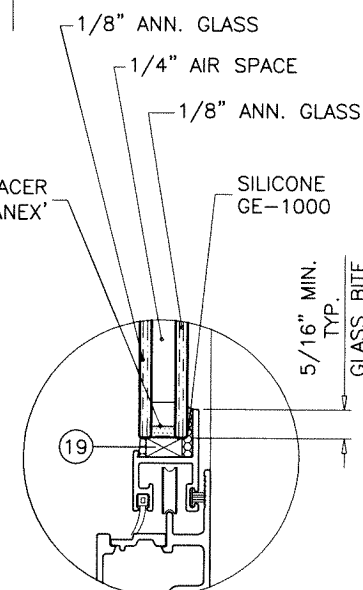
DESIGN LOAD CAPACITY – PSF (XOX SIZES)						
WINDOW DIMS.		A	GLASS TYPE 'E'		GLASS TYPE 'D'	
WIDTH	HEIGHT		EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
72"	24"	8	50.0	128.3	50.0	210.0
84"		9	50.0	102.1	50.0	210.0
96"		10	50.0	84.1	50.0	210.0
108"		11	50.0	73.0	50.0	210.0
72"	36"	8	50.0	95.8	50.0	154.3
84"		9	50.0	85.5	50.0	152.3
96"		10	50.0	74.9	50.0	150.4
108"		11	50.0	65.2	50.0	148.4
72"	48"	8	50.0	74.6	50.0	104.5
84"		9	50.0	66.8	50.0	97.0
72"	60"	8	50.0	56.7	–	–
74"	106–1¼"	8	50.0	119.6	50.0	210.0
111"		11	50.0	70.7	50.0	201.0
		12	50.0	66.8	50.0	210.0
74"	106–1¼"	8	50.0	89.6	50.0	146.2
111"		11	50.0	64.5	50.0	132.8
		12	50.0	61.5	50.0	131.5
74"	50–5/8"	8	50.0	69.4	50.0	95.3

A = NO. OF ANCHORS PER HEAD & SILL

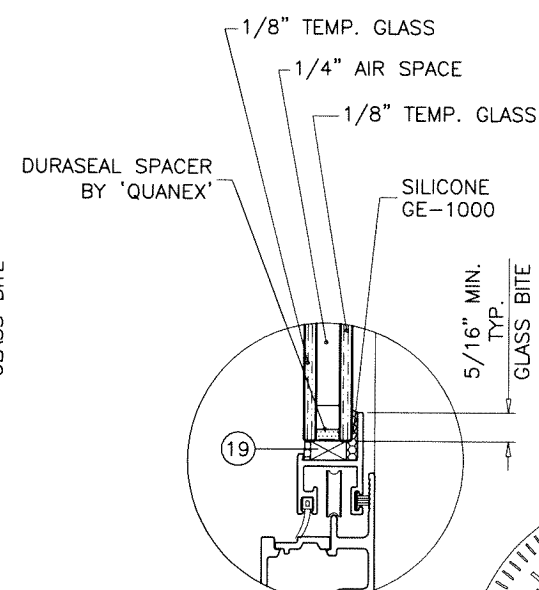


OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

XOX



GLASS TYPE 'E'
1/2" OVERALL INSUL. GLASS



GLASS TYPE 'D'
1/2" OVERALL INSUL. GLASS

GLAZING OPTIONS Sealed: 7/20/2023

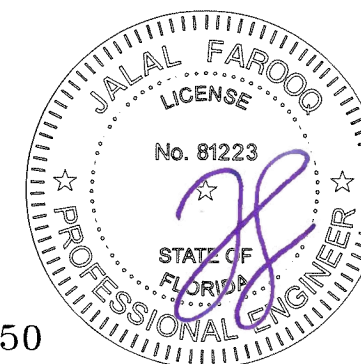
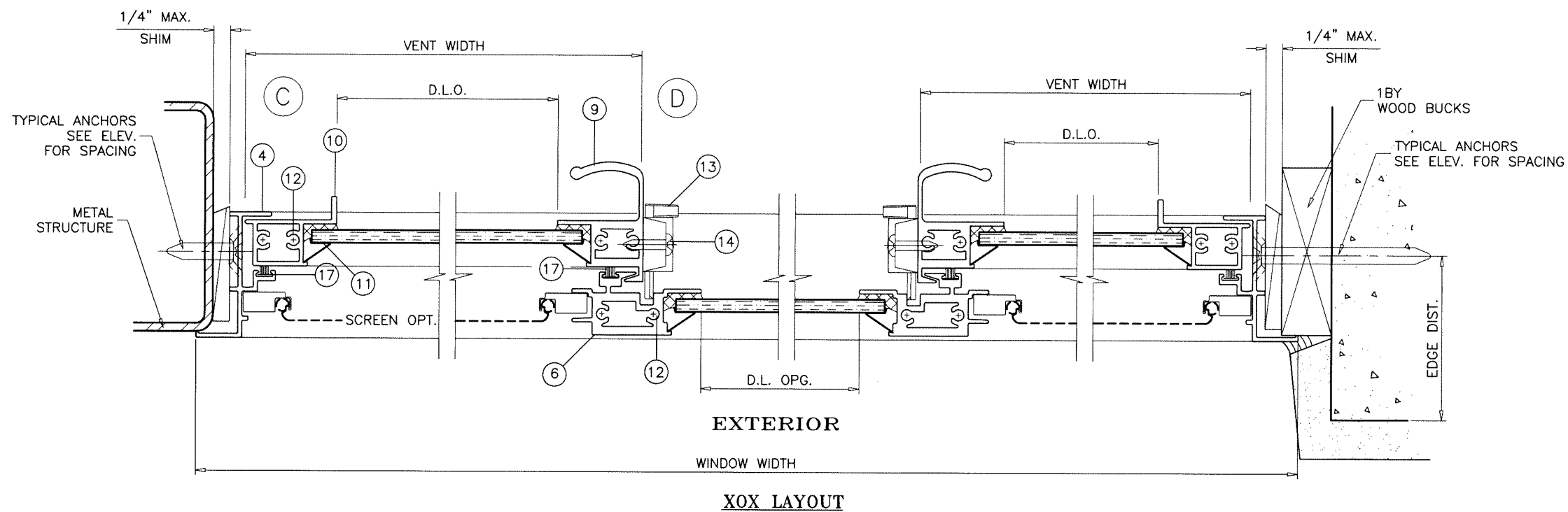
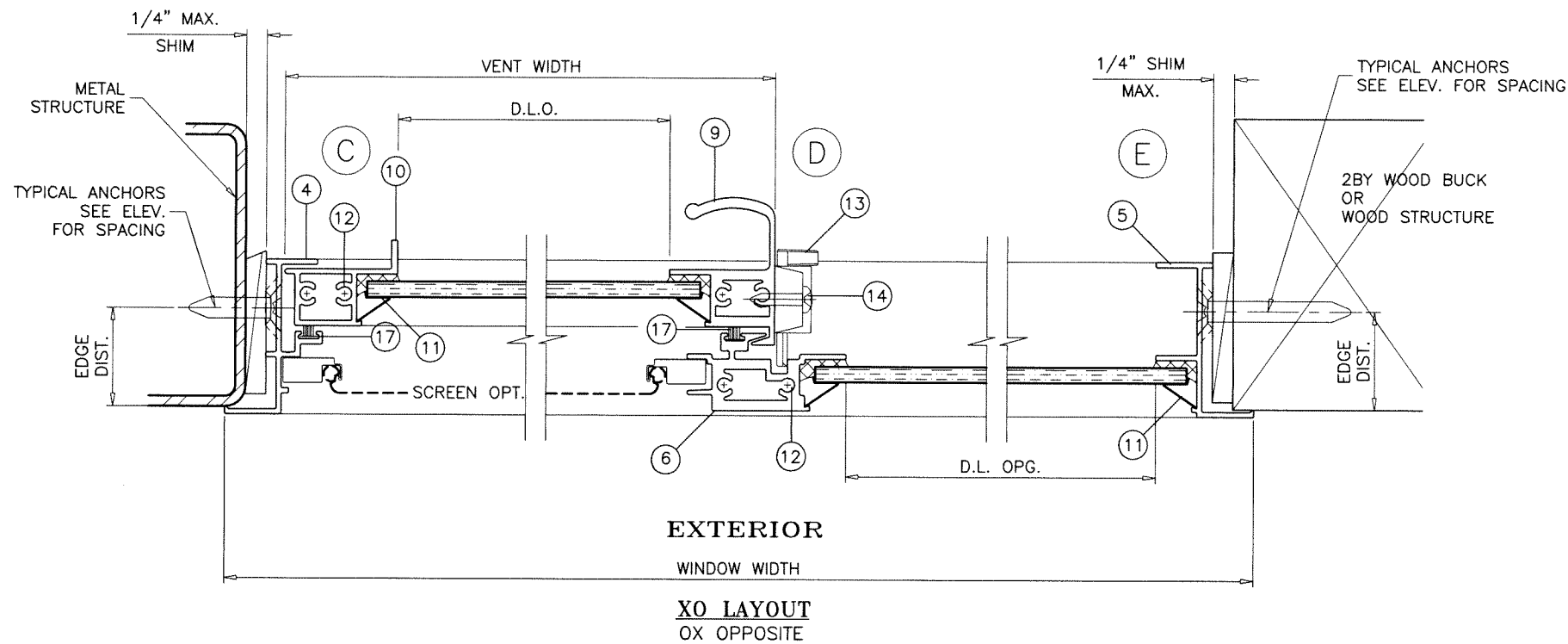
FL #21850

SERIES 6800 ALUM HORIZONTAL SLIDING WDW. (N.I.)

Assura Windows & Doors, LLC.
1543 N. Powerline Road
Pompano Beach, FL. 33069
Tel. (954) 781-4430
www.assurawindows.com

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

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FL #21850

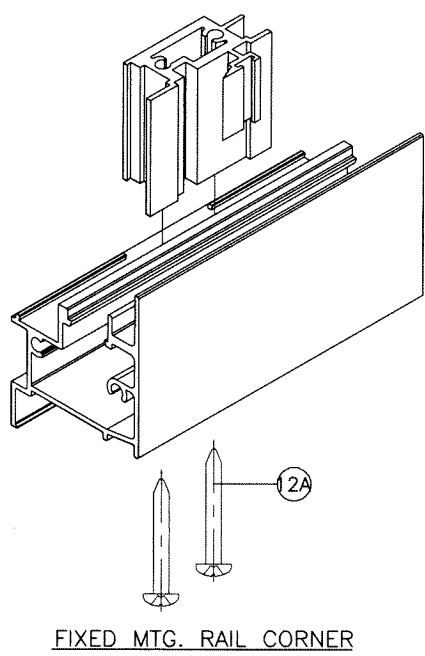
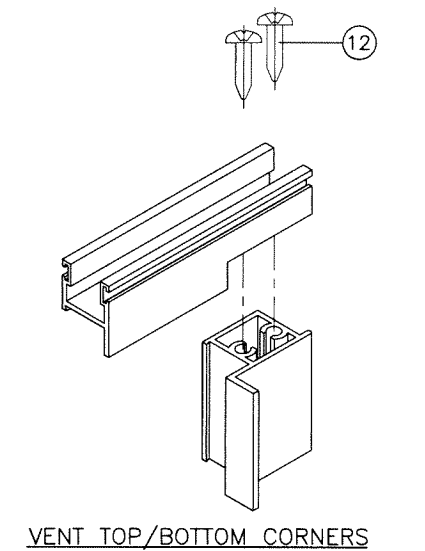
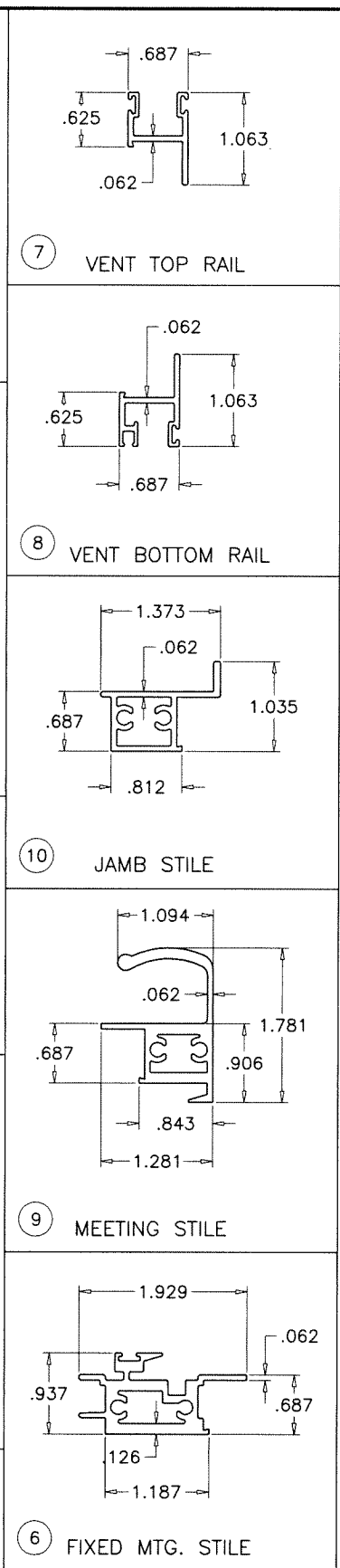
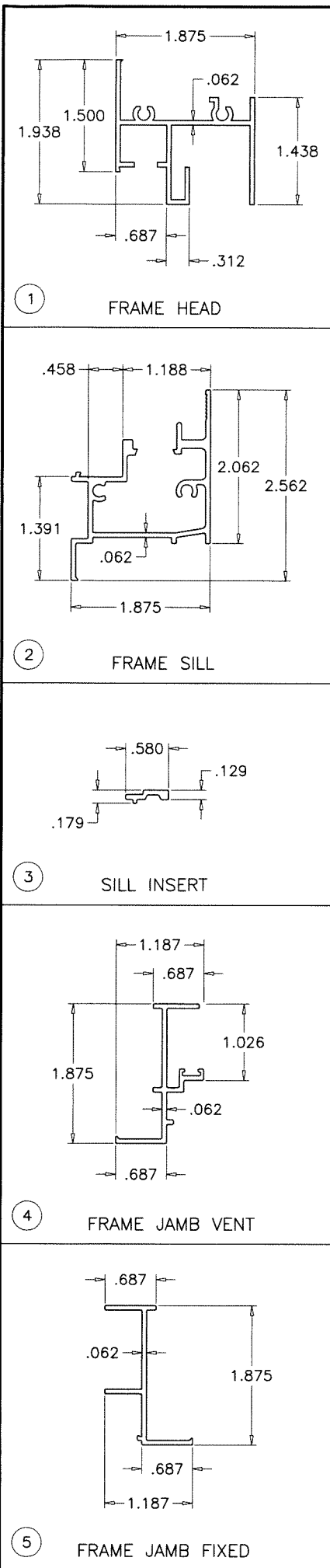
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AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W17-12AWP

SERIES 6800 ALUM HORIZONTAL SLIDING WDW. (N.I.)
Assura Windows & Doors, LLC.
 1543 N. Powerline Road
 Pompano Beach, FL. 33069
 Tel. (954) 781-4430 www.assurawindows.com

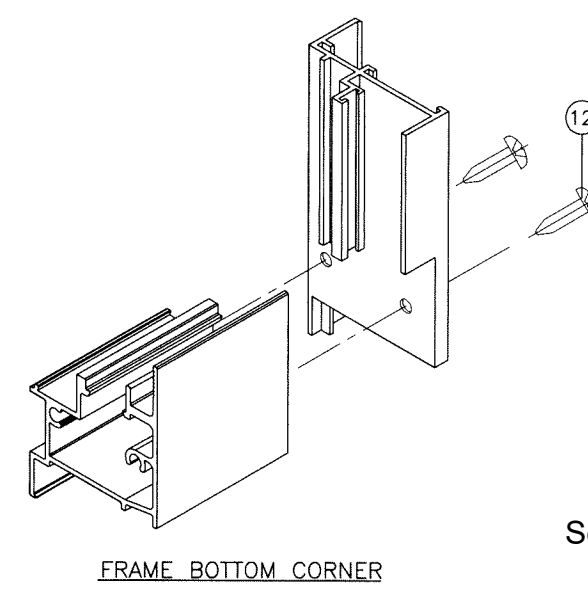
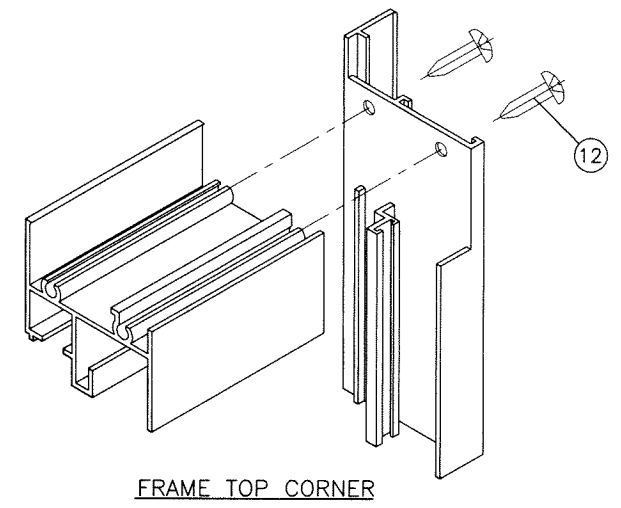
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 sheet 5 of 6

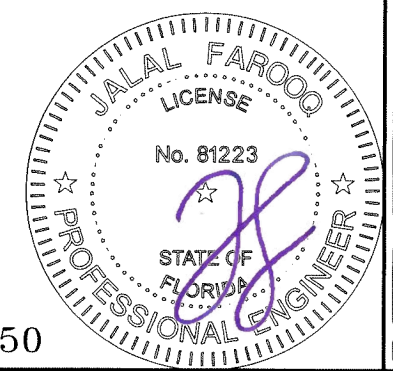


ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YE-5030	1	FRAME HEAD	6063-T6	-
2	YE-5039	1	FRAME SILL	6063-T6	-
3	YE-5038	AS REQD.	SILL INSERT	6063-T6	-
4	YE-5032	AS REQD.	FRAME JAMB-VENT	6063-T6	-
5	YE-5031	AS REQD.	FRAME JAMB-FIXED	6063-T6	-
6	YE-5037	1/ VENT	FIXED MTG. STILE	6063-T6	-
7	YE-5035	1/ VENT	VENT TOP RAIL	6063-T6	-
8	YE-5034	1/ VENT	VENT BOTTOM RAIL	6063-T6	-
9	YE-5036	1/ VENT	MEETING STILE	6063-T6	-
10	YE-5033	1/ VENT	JAMB STILE	6063-T6	-
11	YB-4	AS REQD.	ROLL FORMED GLAZING BEAD	ALUMINUM	-
12	#10X3/4" SMS	AS REQD.	FRAME & VENT ASSY. SCREW	-	CAD PLATED SMS W/ #8 HEAD
12A	#10X1-1/2" SMS	AS REQD.	FIXED MTG. STILE ASSY. SCREW	-	CAD PLATED SMS W/ #8 HEAD
13	YH-6016	1/ VENT	CAM LATCH	ZAMAK	DECO, PLATED OR PAINTED
14	#8X5/8" SMS	2/ LATCH	LATCH INST. SCREW	-	CAD PLATED CRS
15	YH-4004	AS REQD.	FIN SEAL PILE W/ PLASTIC FIN (.187" X .250")	-	ULTRAFAB
16	YH-6006	AS REQD.	FIN SEAL PILE W/ PLASTIC FIN (.115" X .500")	-	ULTRAFAB
17	YH-6007	AS REQD.	FIN SEAL PILE W/ PLASTIC FIN (.229" X .260")	-	ULTRAFAB
18	YH-6001	2/ VENT	ROLLER ASSY.	-	YH-6002 & YH-6003
19	-	2/ LITE	SETTING BLOCK	EPDM	DUROMETER 80±5 SHORE A



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