

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 2.1.

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.



SERIES 1000 (STD. SILL)



SERIES 1000 (HI-RISE SILL)

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

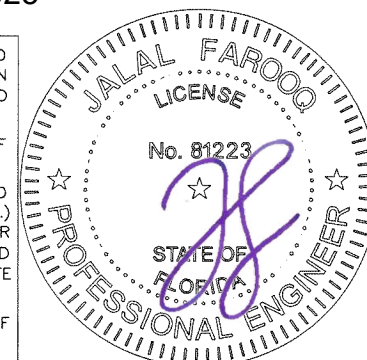
Sealed: 7/29/2025 FL #46884

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-1000/1050 ALUM SINGLE HUNG WDW. (L.M.I.)

E.S. WINDOWS, LLC

3550 N.W. 49 STREET

MIAMI, FL. 33142

TEL. (305) 638-5151

TEL. (305) 638-5151 FAX. (305) 638-5158

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE SUITE 220

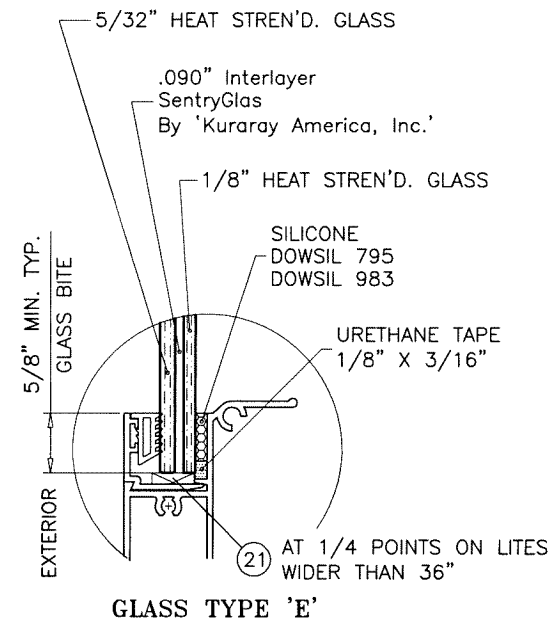
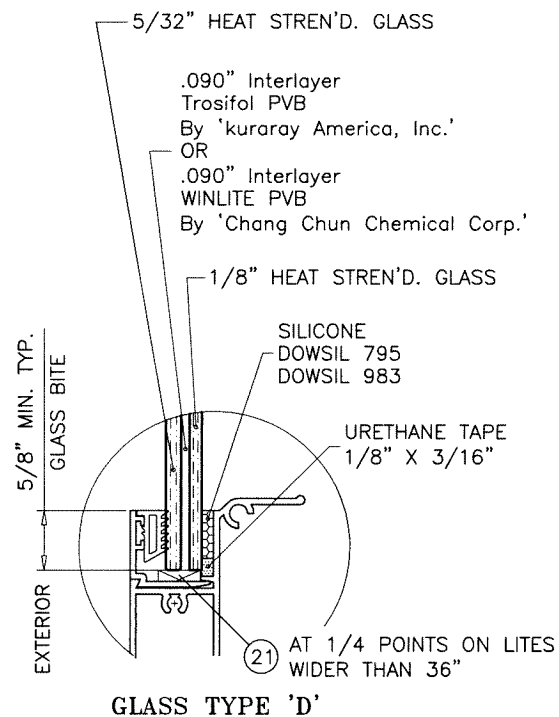
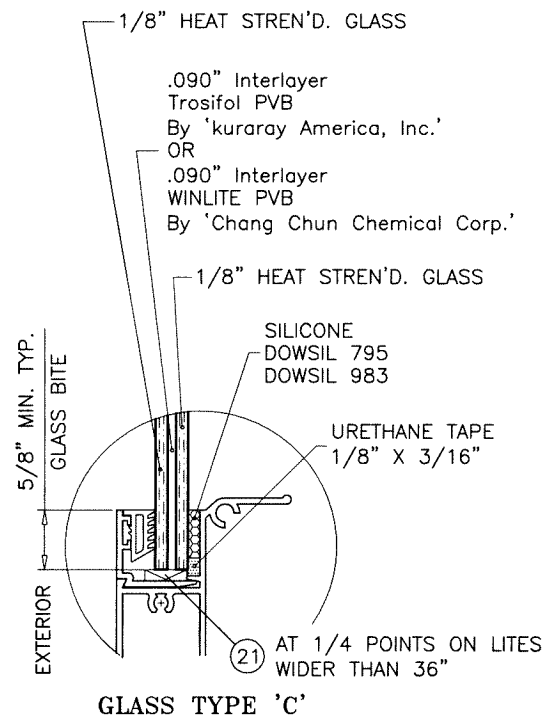
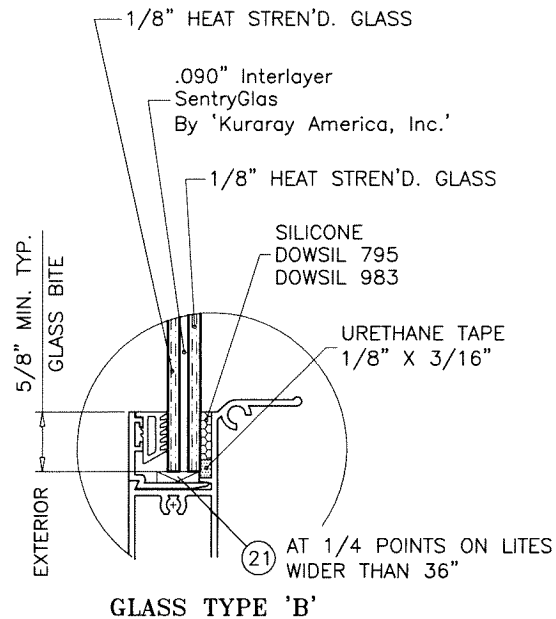
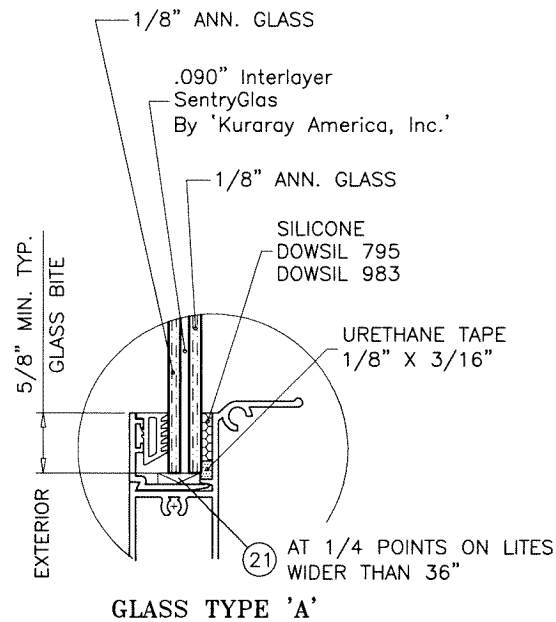
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)

TEL. (305) 264-8100 FAX. (305) 262-6978 (C.A.N. 3536)

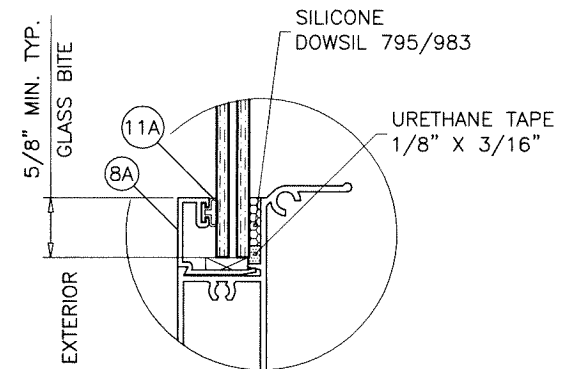
TEL. (303) 264-8100 FAX. (303) 262-6978 COMD ANI \ 05

COMP-ANL\25-67F-ES

COMP-ANL\25-67F-ES



GLAZING OPTIONS

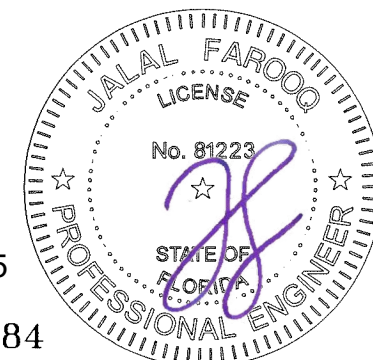


ALT. GLAZING OPTION

SQUARE GLAZING STOP CAN BE USED
WITH ALL GLASS TYPES SHOWN ON
THIS SHEET.

Sealed: 7/29/2025

FL #46884



SERIES-1000/1050 ALUM SINGLE HUNG WDW. (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	
no	date by description

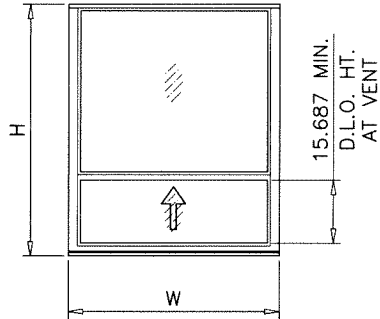
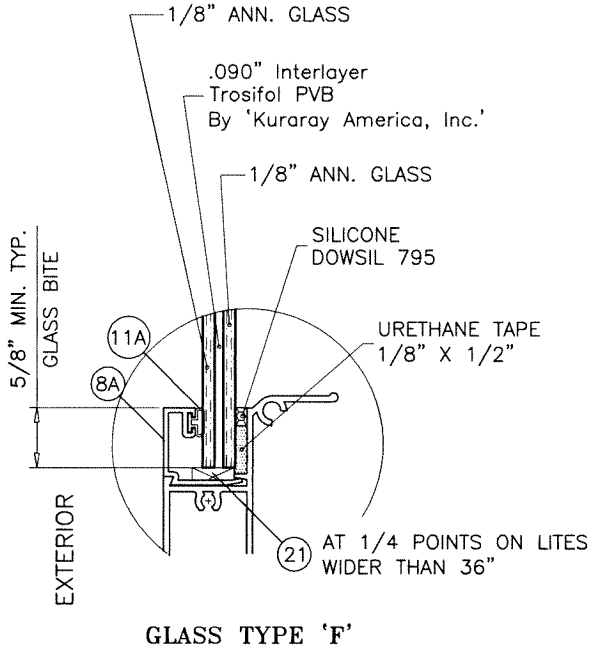
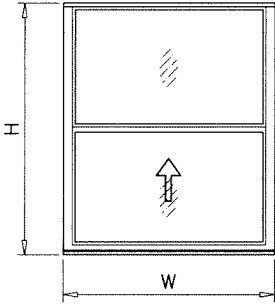
date: 07-10-25
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
25-67F
sheet 1.1 of 8

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 262-6978 FAX. (305) 262-6978
C.A.N. 3538
COMP-ANL 25-67F-ES

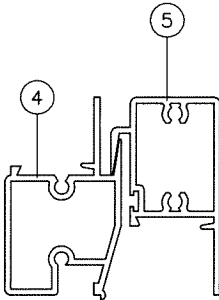
EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF STD. & HI-RISE SILL			
WINDOW DIMS.		STANDARD TOP RAIL	
		GLASS TYPE 'F'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26" (3)	70.0	75.0
26-1/2"		70.0	75.0
37"		70.0	75.0
42"		70.0	75.0
49"		70.0	75.0
53-1/8"		70.0	75.0
19-1/8"	38-3/8" (4)	70.0	75.0
26-1/2"		70.0	75.0
37"		70.0	75.0
42"		70.0	75.0
49"		70.0	75.0
53-1/8"		70.0	75.0
19-1/8"	50-5/8" (5)	70.0	75.0
26-1/2"		70.0	75.0
37"		70.0	75.0
42"		70.0	75.0
49"		70.0	75.0
53-1/8"		70.0	75.0
19-1/8"	58" (5)	70.0	75.0
26-1/2"		70.0	75.0
37"		70.0	75.0
42"		70.0	75.0
49"		70.0	75.0
53-1/8"		70.0	75.0
19-1/8"	63" (6)	70.0	75.0
26-1/2"		70.0	75.0
37"		70.0	75.0
42"		70.0	75.0
49"		70.0	75.0
53-1/8"		70.0	75.0
19-1/8"	68" (6)	70.0	75.0
26-1/2"		70.0	75.0
37"		70.0	75.0
42"		70.0	75.0
49"		70.0	75.0
53-1/8"		70.0	75.0
19-1/8"	74-1/4" (7)	70.0	75.0
26-1/2"		70.0	75.0
37"		70.0	75.0
42"		70.0	75.0
49"		70.0	75.0
53-1/8"		70.0	75.0
19-1/8"	80" (7)	70.0	75.0
26-1/2"		70.0	75.0
37"		70.0	75.0
42"		70.0	75.0
49"		70.0	75.0

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

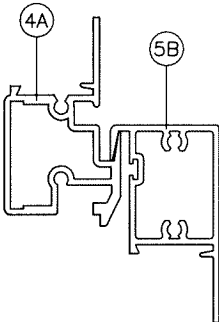


UNEQUAL LITES (ORIEL TYPES) WINDOWS DESIGN LOAD CAPACITY - PSF STD. & HI-RISE SILL			
WINDOW DIMS.		STANDARD TOP RAIL	
		GLASS TYPE 'F'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	50-5/8" (5)	70.0	75.0
26-1/2"		70.0	75.0
37"		70.0	75.0
42"		70.0	75.0
49"		70.0	75.0
53-1/8"		70.0	75.0
19-1/8"	58" (5)	70.0	75.0
26-1/2"		70.0	75.0
37"		70.0	75.0
42"		70.0	75.0
49"		70.0	75.0
19-1/8"	63" (6)	70.0	75.0
26-1/2"		70.0	75.0
37"		70.0	75.0
42"		70.0	75.0
19-1/8"	68" (6)	70.0	75.0
26-1/2"		70.0	75.0
19-1/8"	74-1/4" (7)	70.0	75.0
26-1/2"		70.0	75.0
19-1/8"	80" (7)	70.0	75.0
26-1/2"		70.0	75.0

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

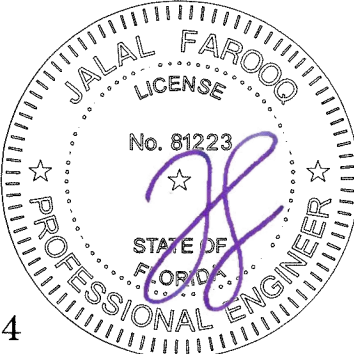


STD. TOP RAIL
S-1000



STD. TOP RAIL
S-1050

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: 7/29/2025

FL #46884

af c

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

SERIES-1000/1050 ALUM SINGLE HUNG WDW. (L.M.I.)

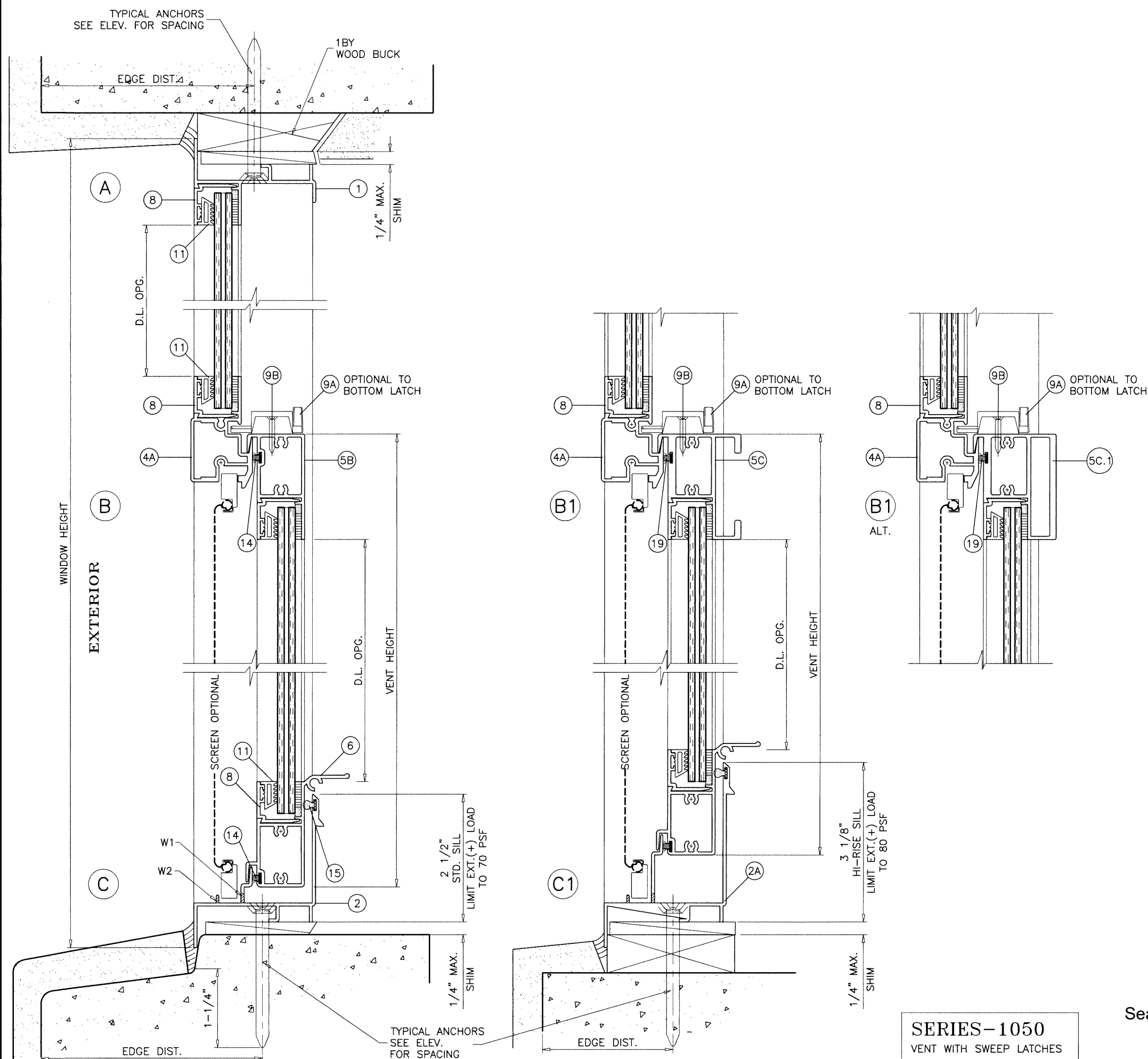
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151
FAX. (305) 638-5158

revisions:	no	date	by	description

date:	07-10-25
scale:	1/2" = 1"
dr. by:	TARIQ
chk. by:	

drawing no.	25-67F
sheet	2.1 of 8

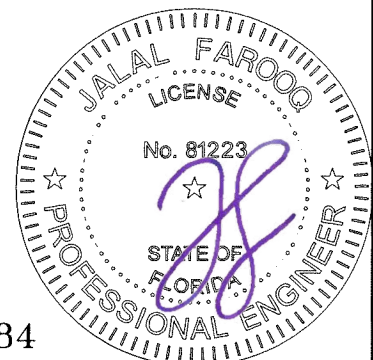
COMP-ANL\25-67F-ES



SERIES-1050
VENT WITH SWEEP LATCHES

Sealed: 7/29/2025

FL #46884



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

COMP-ANL 25-67F-ES

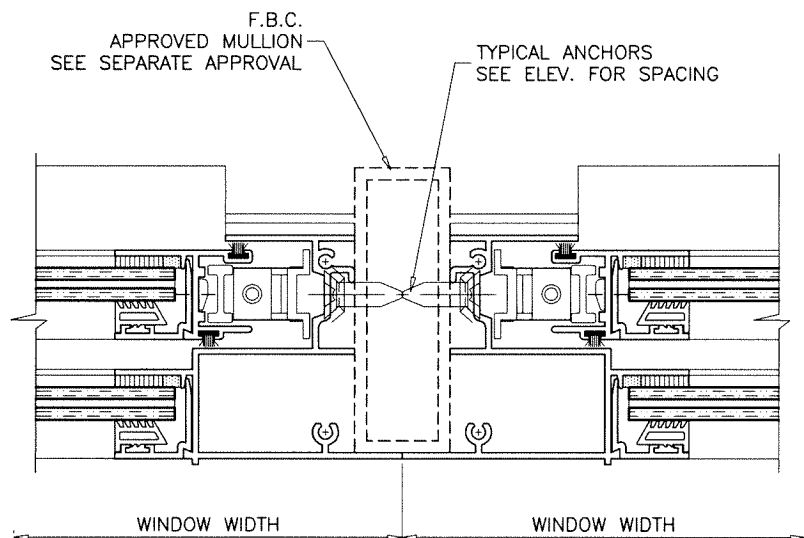
SERIES-1000/1050 ALUM SINGLE HUNG WDW. (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

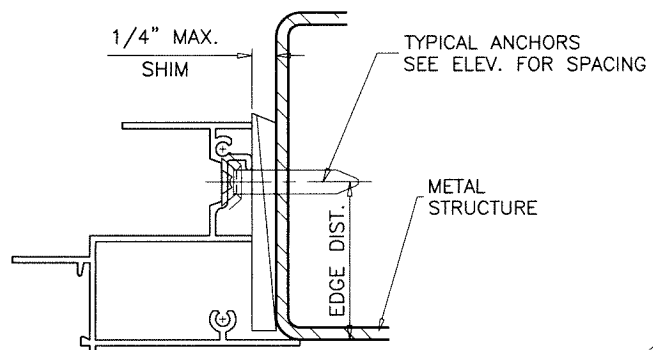
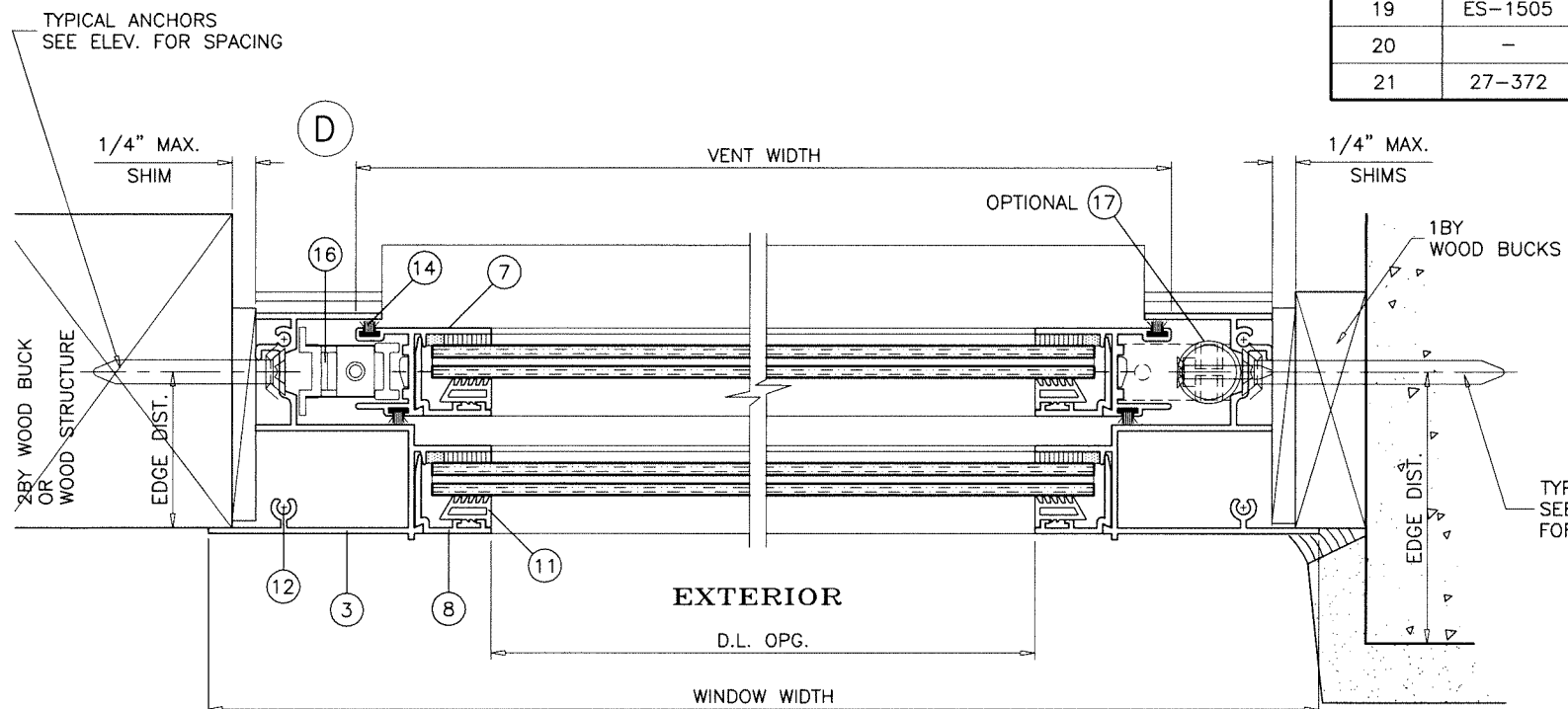
revisions:	
no	description

date: 07-10-25
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
25-67F
sheet 4 of 8



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ES-1001	1	FRAME HEAD	6063-T6	-
2	ES-1002	1	FRAME SILL (STD.)	6063-T6	-
2A	ES-1101	1	FRAME SILL (HI-RISE)	6063-T6	-
3	ES-1003A	2	FRAME JAMB	6005-T5	-
4	ES-1005	1	FIXED MTG. RAIL (FOR SPRING LATCH)	6063-T6	-
4A	ES-1051	1	FIXED MTG. RAIL (FOR SWEEP LATCH)	6063-T6	-
5	ES-1004	1	STD. VENT TOP RAIL (FOR SPRING LATCH)	6063-T6	-
5A	ES-2004	1	HEAVY DUTY VENT TOP RAIL (FOR SPRING LATCHES)	6063-T6	-
5A.1	ES-2004A	1	HEAVY DUTY VENT TOP RAIL (FOR SPRING LATCHES)	6063-T6	ALTERNATE TO 5A
5B	ES-1052	1	STD. VENT TOP RAIL (FOR SWEEP LATCH)	6063-T6	-
5C	ES-1053	1	HEAVY DUTY VENT TOP RAIL (FOR SWEEP LATCHES)	6063-T6	-
5C.1	ES-1053A	1	HEAVY DUTY VENT TOP RAIL (FOR SWEEP LATCHES)	6063-T6	ALTERNATE TO 5C
6	ES-1006	1	VENT BOTTOM RAIL	6063-T6	-
7	ES-1007	2	VENT SIDE RAIL	6063-T5	-
8	ES-1008	AS RQD.	GLAZING BEAD	6063-T6	-
8A	ES-1103	AS RQD.	SQUARE GLAZING BEAD	6063-T5	-
9	ES-1009	2/VENT	SPRING LOADED VENT LATCH	6063-T5	AT 6" FROM ENDS
9A	3032	2/VENT	SWEEP LATCH	ZAMAK	AT 11" FROM ENDS
9B	#8 X 1"	2/ LATCH	LATCH INSTALLATION SCREWS	-	FH SMS
10	ES-1012	1/LATCH	LATCH SPRING	ST. STEEL	-
11	ES-1010	AS REQD.	GLAZING WEDGE	SOFT PVC	DUROMETER 70±5 SHORE 'A'
11A	ES-5008A	AS REQD.	GLAZING GASKET	EPDM	DUROMETER 65±5 SHORE 'A'
12	#8 X 1"	20	FRAME & VENT ASSEMBLY SCREWS	CRS	PH SMS
13	ES-1011	2/VENT	SASH CAM	CELCON	-
14	43620-187	AS REQD.	PILE W'STRIPPING WITH PLASTIC FIN	-	AMESBURY OR EQUIV.
15	Q300X190	AS REQD.	FRAME SILL W'STRIPPING	-	Q-LON2
16	-	2/ VENT	BLOCK & TACKLE BALANCE	-	SERIES 120 BY BSI
17	-	2/ VENT	SPIRAL BALANCE	-	-
18	ES-1013	2	SASH STOP	-	-
19	ES-1505	-	FLUSH FRAME ADAPTER	6063-T5	OPTIONAL
20	-	1	5/16" BOX SCREEN	-	OPTIONAL
21	27-372	2/ LITE	SETTING BLOCK, 7/16" X 3/16" X 3-1/2" LONG	EPDM	DUROMETER 75±5 SHORE A



SERIES-1000
SERIES-1050

Sealed: 7/29/2025

FL #46884



SERIES-1000/1050 ALUM SINGLE HUNG WDW. (L.M.I.)

E.S. WINDOWS, LLC

3550 N.W. 49 STREET
MIAMI, FL. 33142

TEL. (305) 638-5151 FAX. (305) 638-5158

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

COMP-ANL\25-67F-ES

revisions:

no	date	by	description

date: 07-10-25

scale: 1/2" = 1"

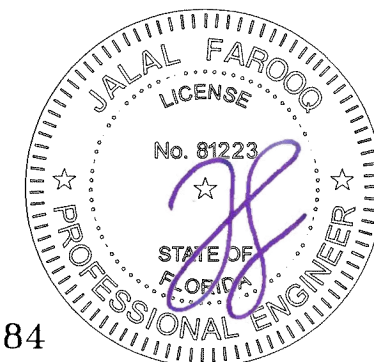
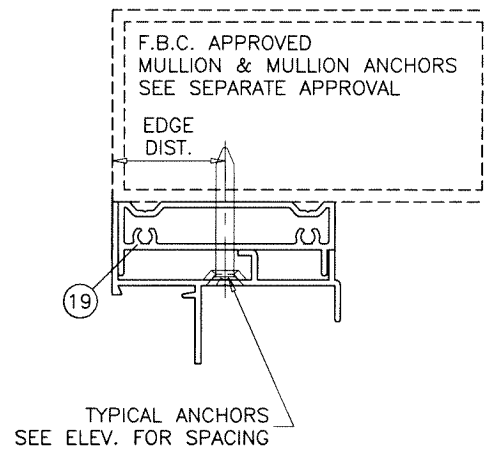
dr. by: TARIQ

chk. by:

drawing no.

25-67F

sheet 5 of 8



FL #46884

INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

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)

SERIES-1000/1050 ALUM SINGLE HUNG WDW. (L.M.I.)

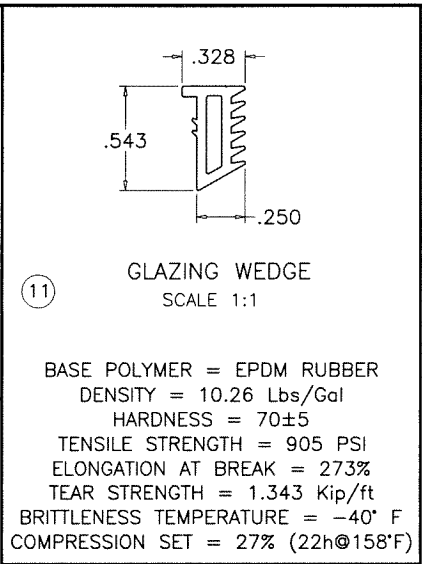
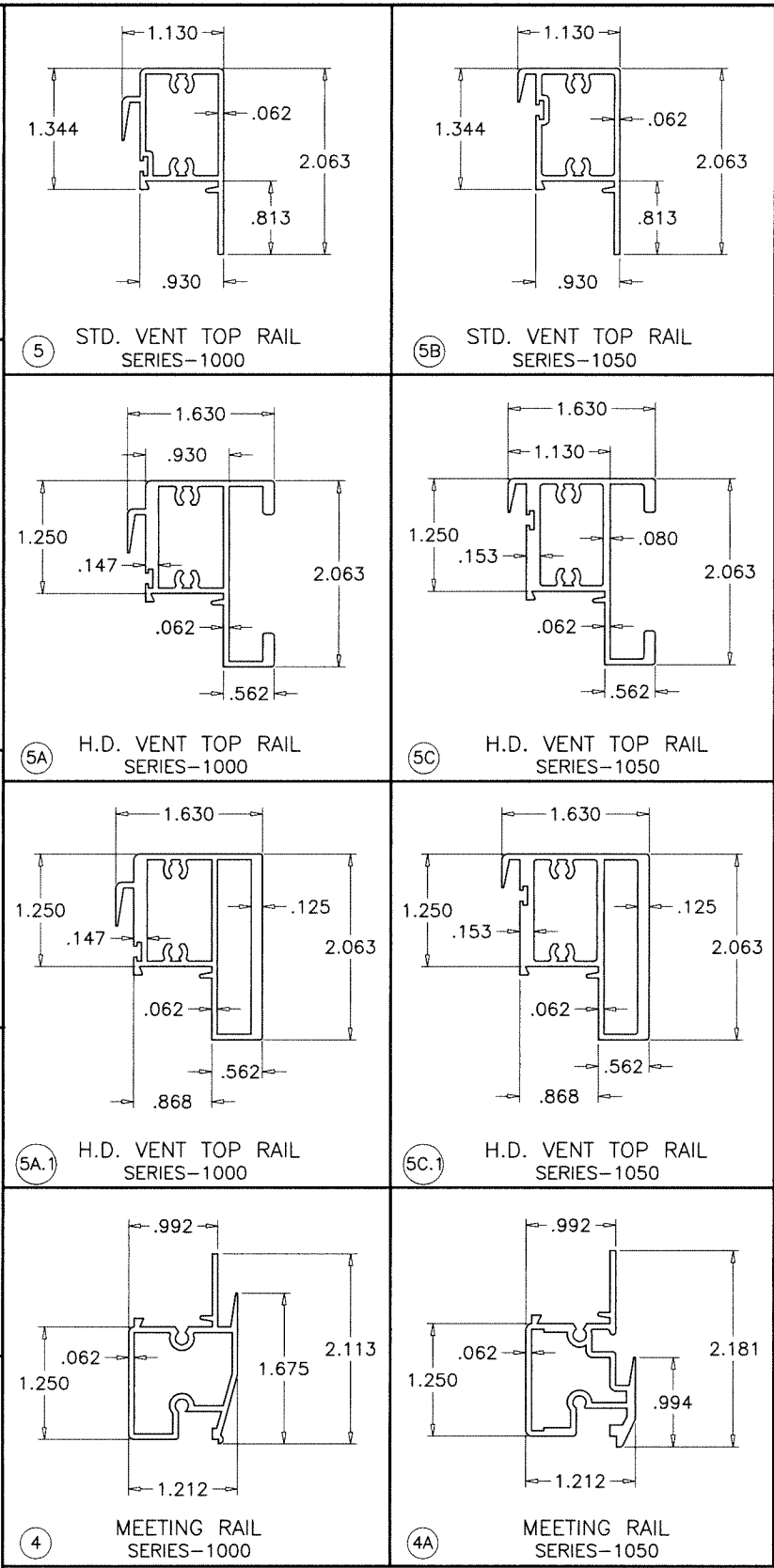
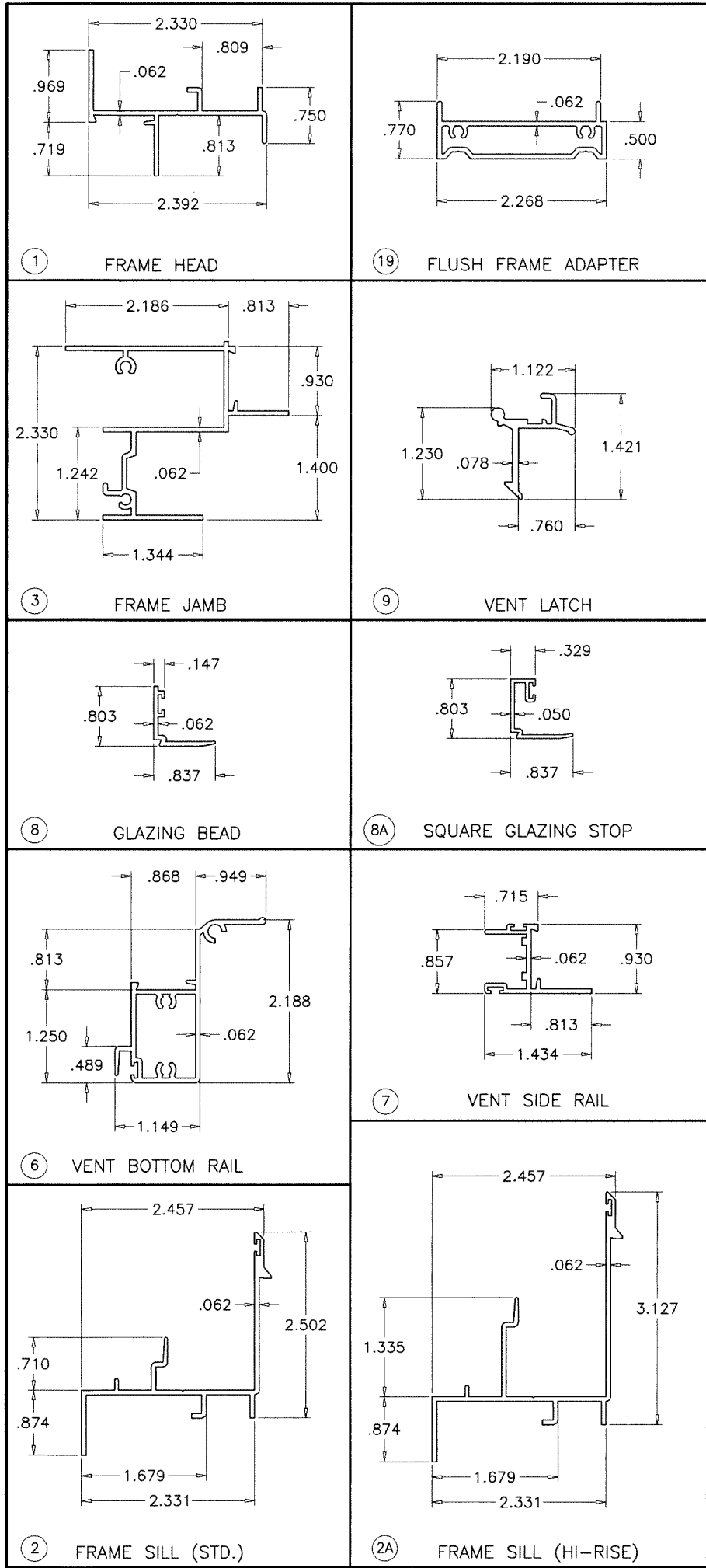
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

date: 07-10-25	revisions:	
scale: 1/2" = 1"	no	by description
dr. by: TARIQ		
chk. by:		

drawing no.
25-67F

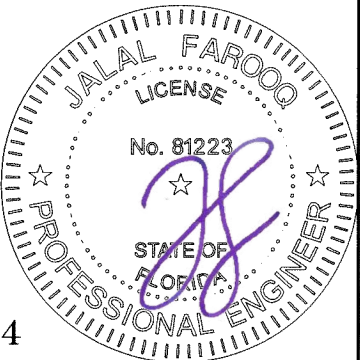
sheet 6 of 8

COMP--ANL\25-67F--ES



Sealed: 7/29/2025

FL #46884



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

SERIES-1000/1050 ALUM SINGLE HUNG WDW. (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	
no	date by description

date: 07-10-25

scale: 1/2" = 1"

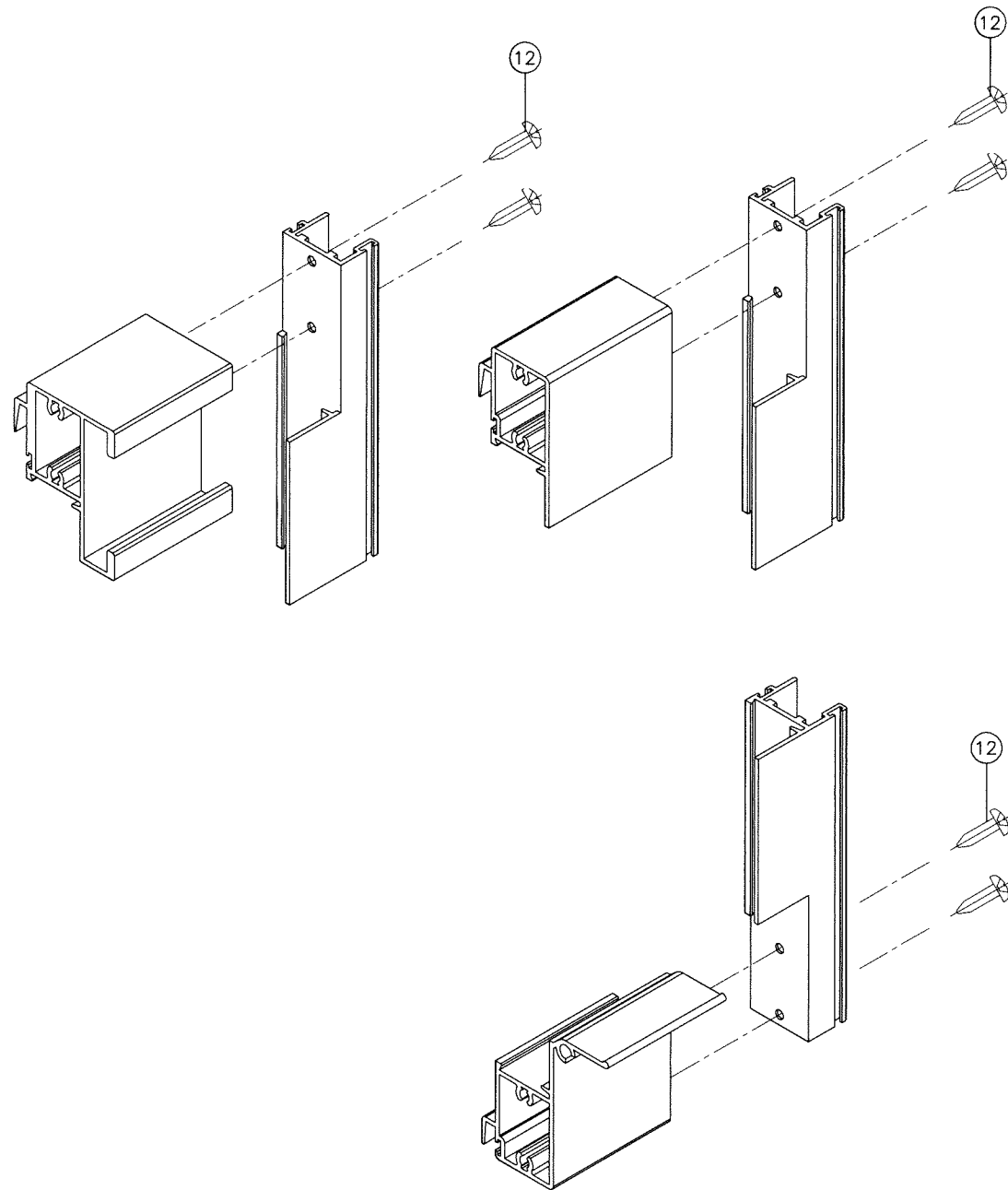
dr. by: TARIQ

chk. by:

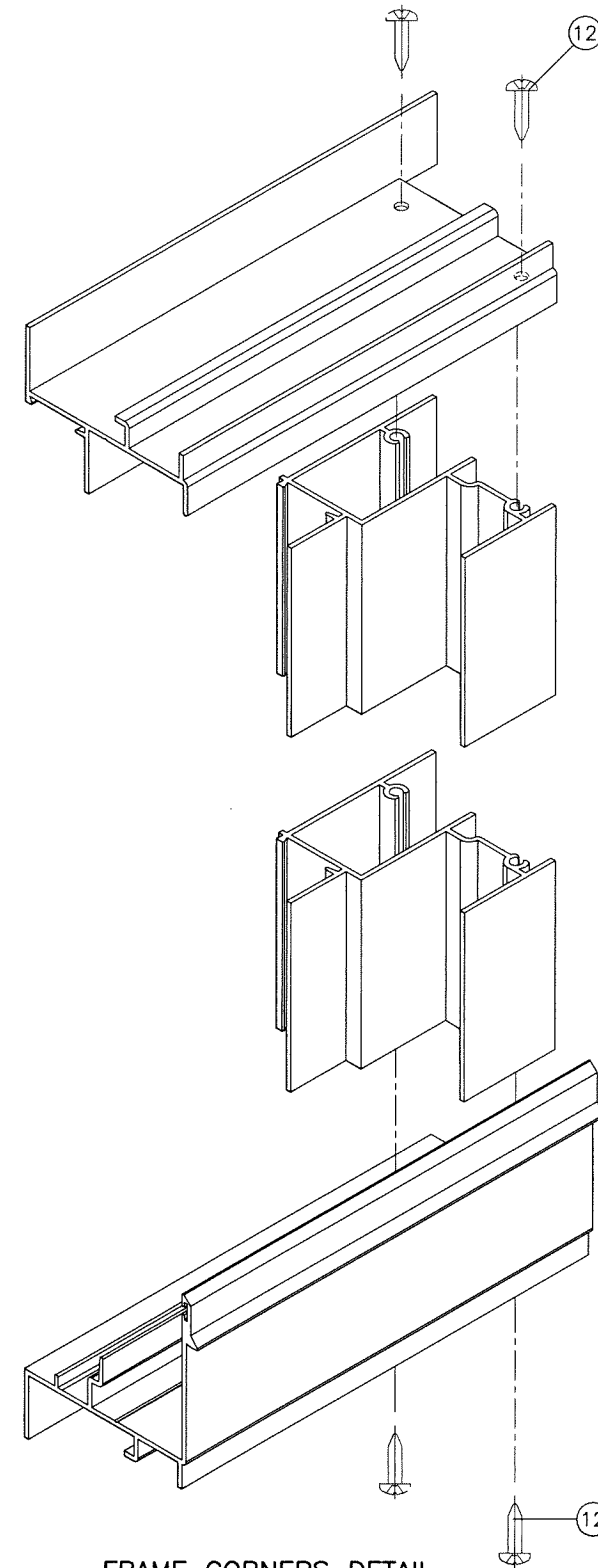
drawing no.

25-67F

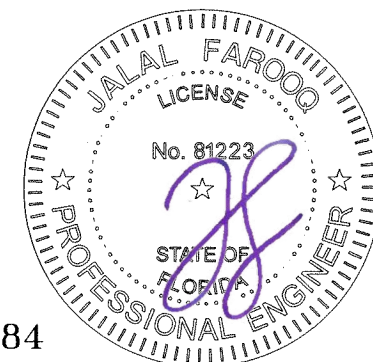
sheet 7 of 8



VENT CORNER DETAIL



FRAME CORNERS DETAIL



Sealed: 7/29/2025

FL #46884

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\25-67F-ES

SERIES-1000/1050 ALUM SINGLE HUNG WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	
no	date by description

date: 07-10-25
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
25-67F
 sheet 8 of 8