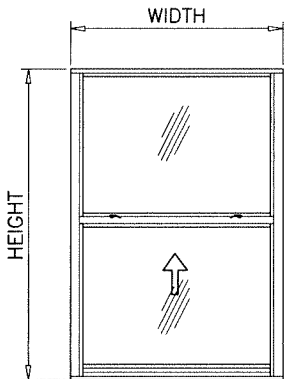


EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF				
INTERIOR FRAME DIMS.		GLASS TYPES 'A', 'Ai', 'B', 'Bi'		
WIDTH	HEIGHT	EXT.(+)	INT.(-)	
18-1/8"	25"	80.0	95.0	
25-1/2"		80.0	95.0	
36"		80.0	95.0	
52-1/8"		80.0	95.0	
18-1/8"	37-3/8"	80.0	95.0	
25-1/2"		80.0	95.0	
36"		80.0	95.0	
52-1/8"		80.0	95.0	
18-1/8"	49-5/8"	80.0	95.0	
25-1/2"		80.0	95.0	
36"		80.0	95.0	
52-1/8"		80.0	95.0	
18-1/8"	55"	80.0	95.0	
25-1/2"		80.0	95.0	
36"		80.0	95.0	
52-1/8"		80.0	95.0	
18-1/8"	62"	80.0	95.0	
25-1/2"		80.0	95.0	
36"		80.0	95.0	
52-1/8"		80.0	95.0	
18-1/8"	71"	80.0	95.0	
25-1/2"		80.0	95.0	
36"		80.0	95.0	
52-1/8"		80.0	93.1	80.0 95.0 *
18-1/8"	77"	80.0	95.0	
25-1/2"		80.0	95.0	
36"		80.0	95.0	
52-1/8"		80.0	90.2	80.0 95.0 *



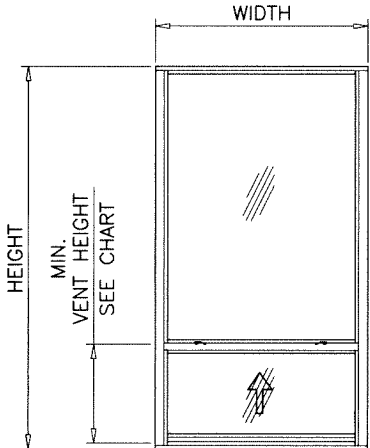
EQUAL LITES

EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF				
INTERIOR FRAME DIMS.		GLASS TYPES 'A', 'Ai', 'B', 'Bi'		
WIDTH	HEIGHT	EXT.(+)	INT.(-)	
23"	47"	80.0	95.0	
29"		80.0	95.0	
31"		80.0	95.0	
35"		80.0	95.0	
41"		80.0	95.0	
47"		80.0	95.0	
23"	59"	80.0	95.0	
29"		80.0	95.0	
31"		80.0	95.0	
35"		80.0	95.0	
41"		80.0	95.0	
47"		80.0	95.0	
23"	71"	80.0	95.0	
29"		80.0	95.0	
31"		80.0	95.0	
35"		80.0	95.0	
41"		80.0	95.0	
47"		80.0	95.0	
23"	83"	80.0	95.0	
29"		80.0	95.0	
31"		80.0	95.0	
35"		80.0	95.0	
41"		80.0	95.0	
47"		80.0	95.0	
23"	93"	80.0	95.0	
29"		80.0	95.0	
31"		80.0	95.0	
35"		80.0	95.0	
41"		80.0	95.0	
47"		80.0	95.0	

*
DESIGN LOADS WITH ADDL. ANCHOR AT
MTG. STILE LOCATION

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

UNEQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF					
INTERIOR FRAME DIMS.		MIN. VENT HEIGHT	GLASS TYPES 'A', 'Ai', 'B', 'Bi'		
WIDTH	HEIGHT		EXT.(+)	INT.(-)	
18-1/8"	37-3/8"	16"	80.0	95.0	
25-1/2"			80.0	95.0	
36"			80.0	95.0	
52-1/8"			80.0	95.0	
18-1/8"			80.0	95.0	
25-1/2"	49-5/8"	16"	80.0	95.0	
36"			80.0	95.0	
52-1/8"			80.0	95.0	
18-1/8"			80.0	95.0	
25-1/2"	55"	16"	80.0	95.0	
36"			80.0	95.0	
52-1/8"			80.0	95.0	
18-1/8"			80.0	95.0	
25-1/2"	62"	16"	80.0	95.0	
36"			80.0	95.0	
52-1/8"			80.0	95.0	
18-1/8"			80.0	95.0	
25-1/2"	71"	16"	80.0	95.0	
36"			80.0	95.0	
52-1/8"			80.0	95.0	
18-1/8"			80.0	95.0	
25-1/2"	75"	20"	80.0	95.0	
36"			80.0	95.0	
52-1/8"			80.0	95.0	
18-1/8"			80.0	95.0	
25-1/2"	95"	39"	80.0	95.0	
36"			80.0	95.0	
52-1/8"			80.0	95.0	
18-1/8"			80.0	88.1	80.0 95.0 *



UNEQUAL LITES (ORIEL TYPE)

UNEQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF					
INTERIOR FRAME DIMS.		MIN. VENT HEIGHT	GLASS TYPES 'A', 'Ai', 'B', 'Bi'		
WIDTH	HEIGHT		EXT.(+)	INT.(-)	
23"	47"	16"	80.0	95.0	
29"			80.0	95.0	
31"			80.0	95.0	
35"			80.0	95.0	
41"			80.0	95.0	
47"			80.0	95.0	
23"	59"	16"	80.0	95.0	
29"			80.0	95.0	
31"			80.0	95.0	
35"			80.0	95.0	
41"			80.0	95.0	
47"			80.0	95.0	
23"	71"	16"	80.0	95.0	
29"			80.0	95.0	
31"			80.0	95.0	
35"			80.0	95.0	
41"			80.0	95.0	
47"			80.0	95.0	
23"	83"	22"	80.0	95.0	
29"			80.0	95.0	
31"			80.0	95.0	
35"			80.0	95.0	
41"			80.0	95.0	
47"			80.0	95.0	
23"	93"	32"	80.0	95.0	
29"			80.0	95.0	
31"			80.0	95.0	
35"			80.0	95.0	
41"			80.0	95.0	
47"			80.0	95.0	
23"	95"	39"	80.0	95.0	
29"			80.0	95.0	
31"			80.0	95.0	
35"			80.0	95.0	
41"			80.0	95.0	
47"			80.0	95.0	



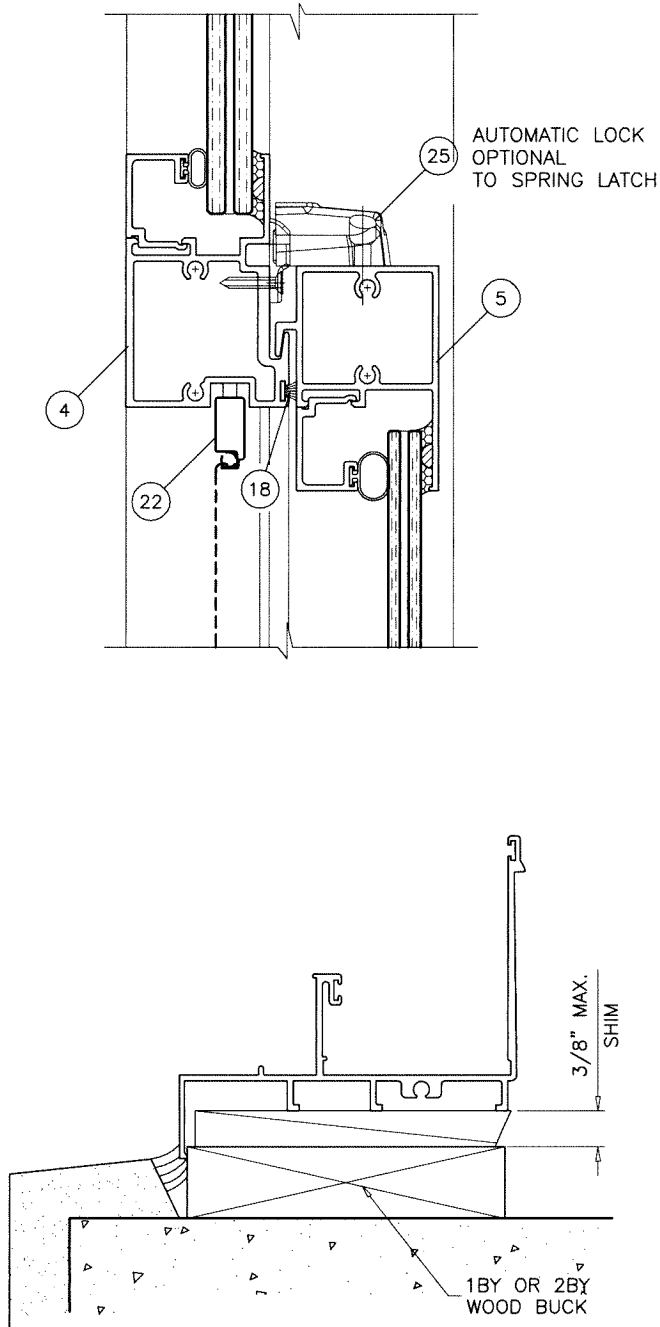
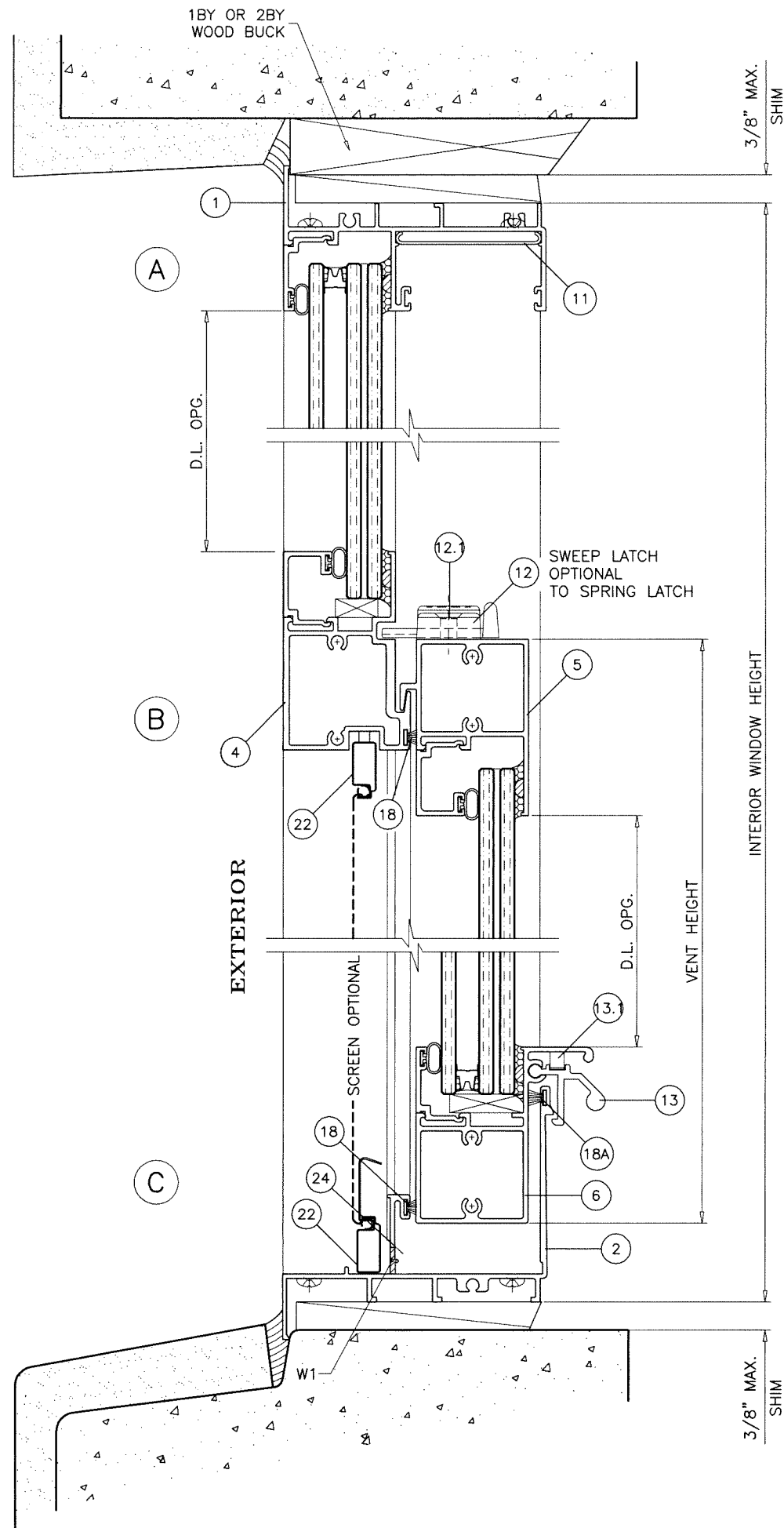
Sealed: 2/6/2025

FL #47257

a f c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 262-6978
FAX. (305) 262-6978
COMP-ANL 25-09F-CRV

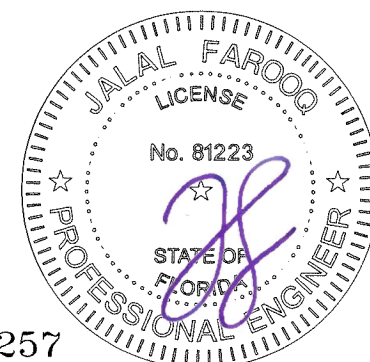
SERIES-100SH ALUM SINGLE HUNG WDW. (S.M.I.)
CRV Impact Windows & Doors, LLC.
13651 S.W. 158 Place
Miami, FL 33196
Tel. 904-337-5203, 786-366-1534

revisions:
no date by description
01-10-25
scale: -
dr. by: TARIQ
chk. by:
drawing no.
25-09F
sheet 3 of 8



WEEPHOLES:

W1 = 1/4" X 2" WEEP NOTCHES AT EACH END.



Sealed: 2/6/2025

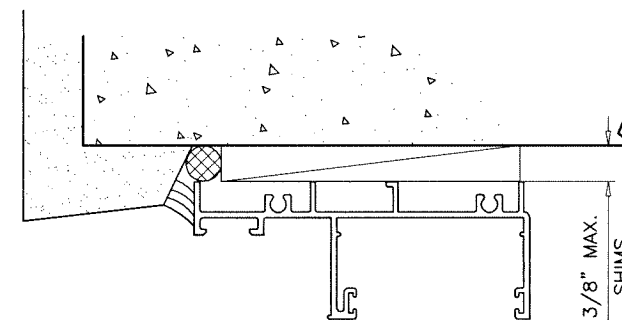
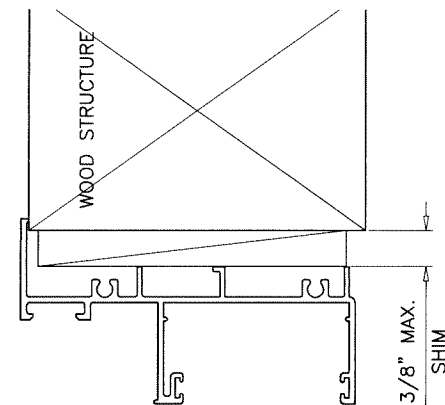
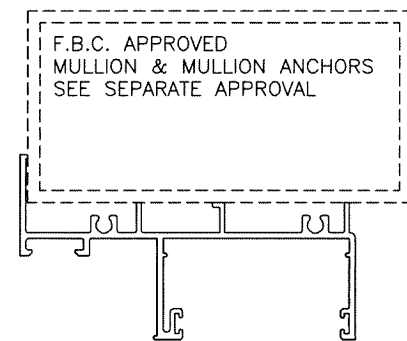
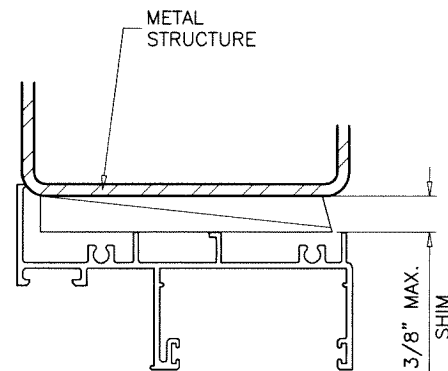
FL #47257

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 25-09F-CRV

SERIES-100SH ALUM SINGLE HUNG WDW. (S.M.I.)

CRV Impact Windows & Doors, LLC.
 13651 S.W. 158 Place
 Miami, FL 33196
 Tel. 904-337-5203, 786-366-1534

revisions:		no date by description	
date:	01-10-25	scale:	1/2" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.	25-09F		
sheet	4 of 8		



FLUSH FRAME WITH
TRIMMED EXTERIOR FLANGE
APPLICABLE TO HEAD AND SILL FOR
ANY SUBSTRATE SHOWN FOR FLANGE FRAMES

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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

INTO WOOD STRUCTURES

2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY OR 2BY WOOD 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

2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

2" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

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.



Sealed: 2/6/2025

FL #47257

SERIES-100SH ALUM SINGLE HUNG WDW. (S.M.I.)

CRV Impact Windows & Doors, LLC.

13651 S.W. 158 Place

Miami, FL 33196

Tel. 904-337-5203, 786-366-1534

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 25-09F-CRV

revisions:
no date by description

date: 01-10-25

scale: 1/2" = 1"

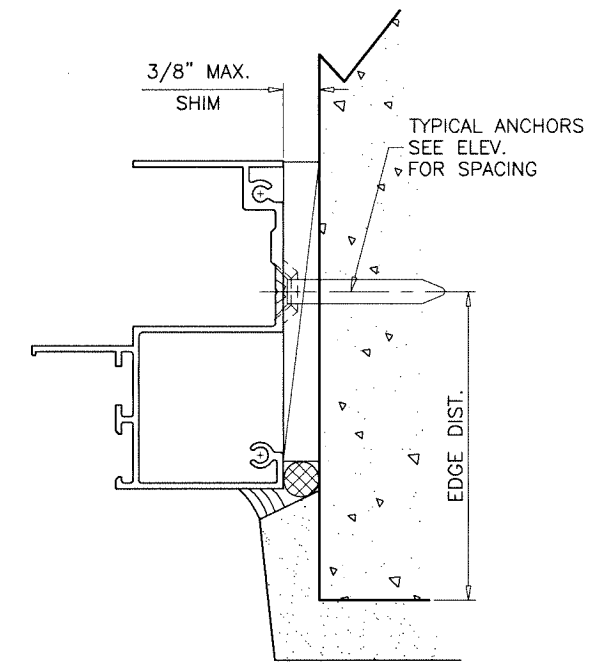
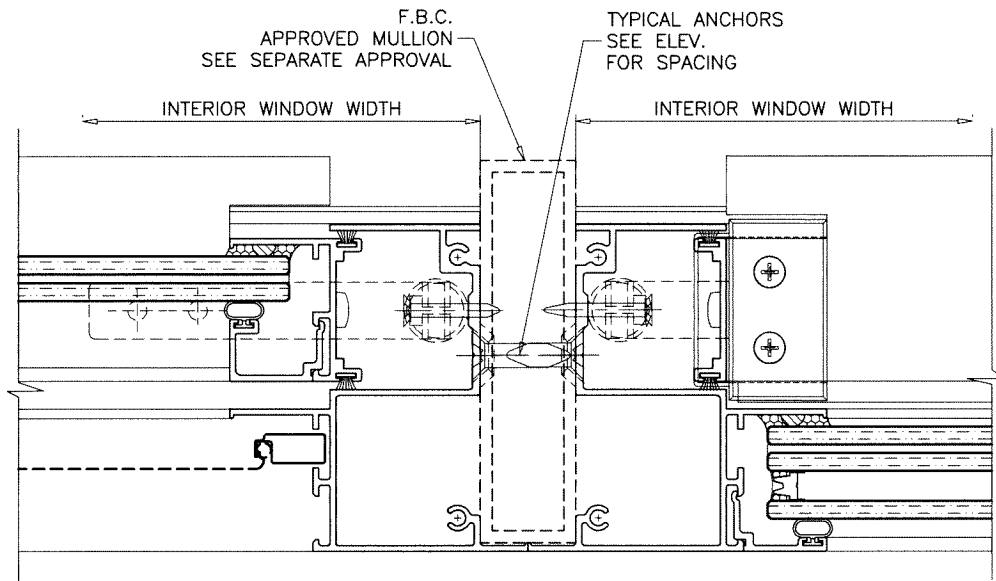
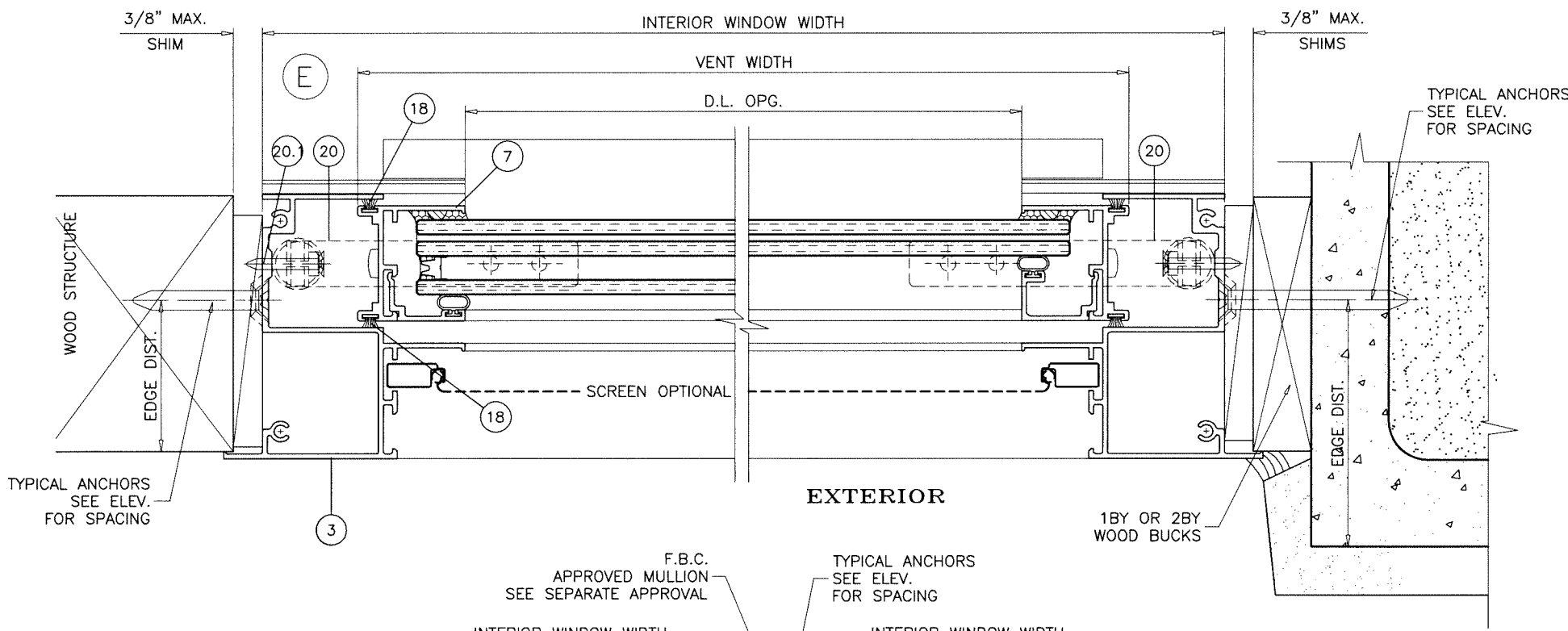
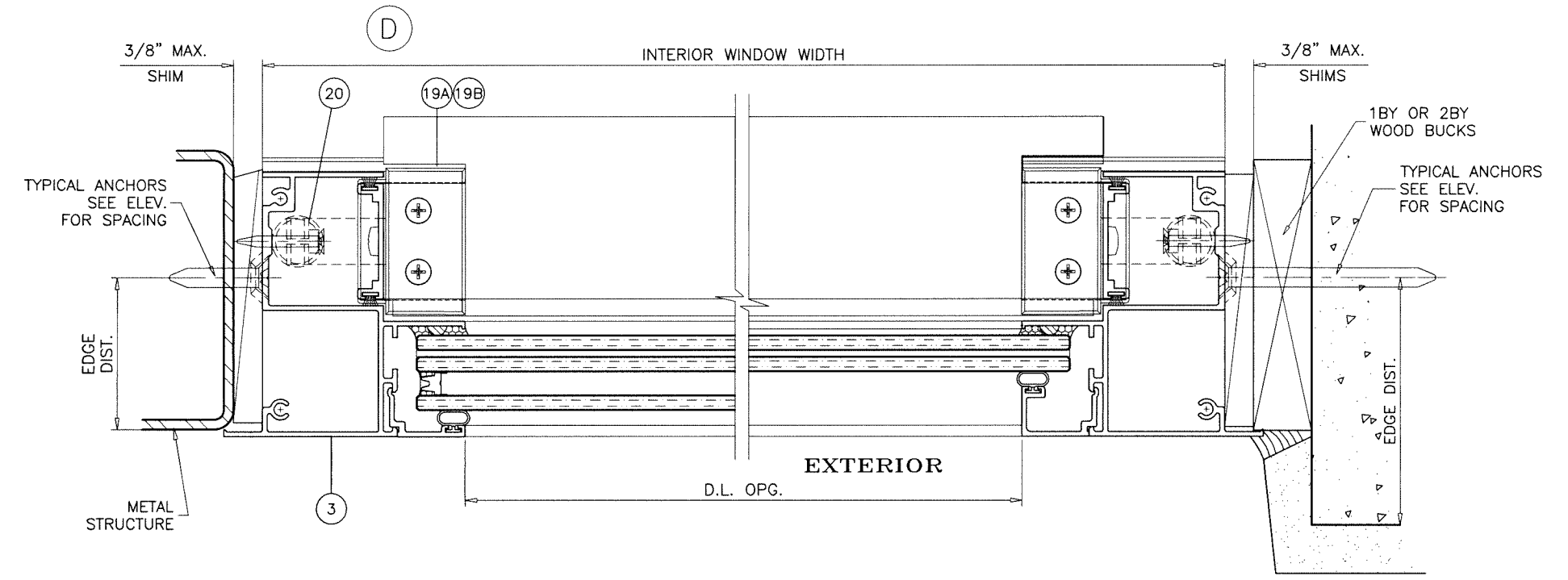
dr. by: TARIQ

chk. by:

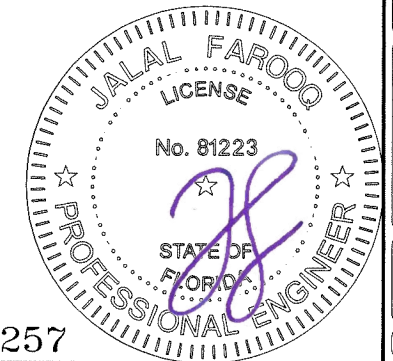
drawing no.

25-09F

sheet 5 of 8



FLUSH FRAME WITH TRIMMED EXTERIOR FLANGE



Sealed: 2/6/2025

FL #47257

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 25-09F-CRV

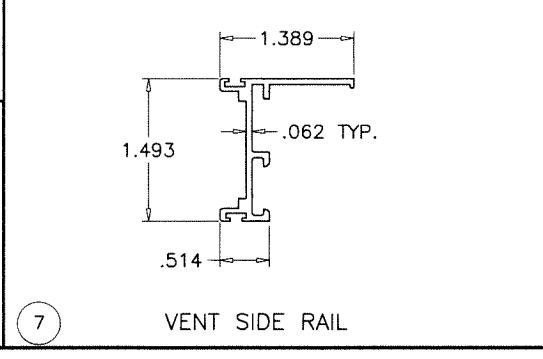
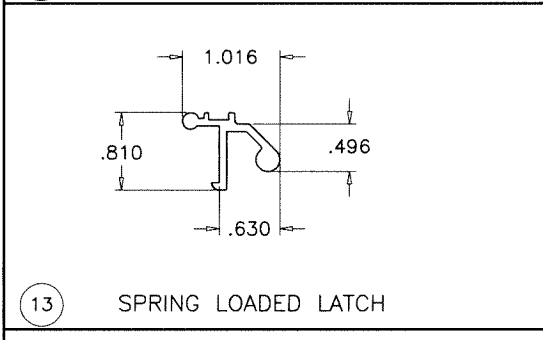
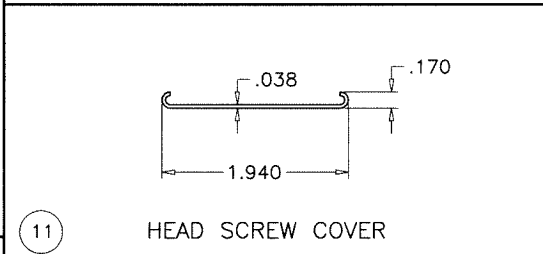
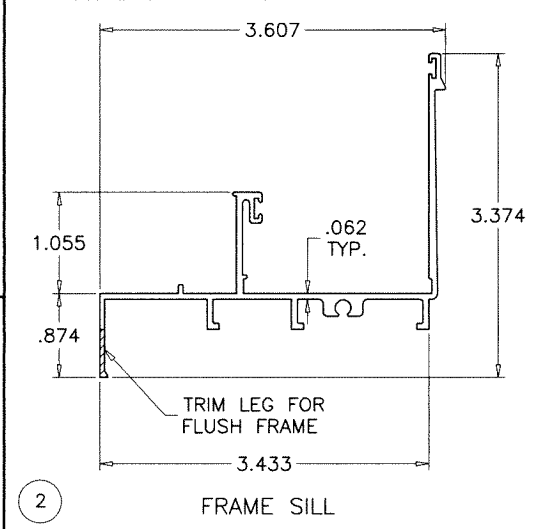
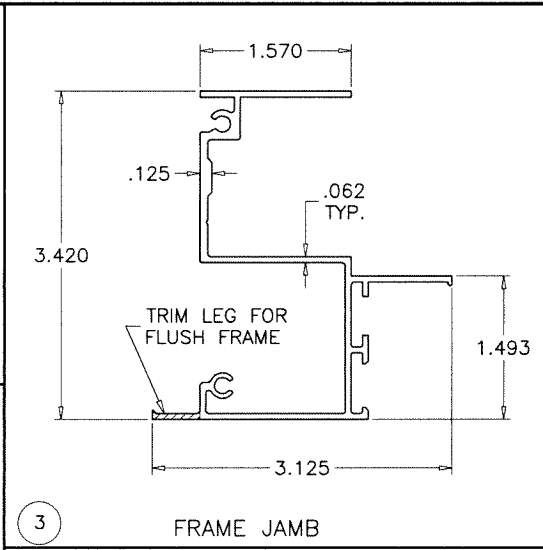
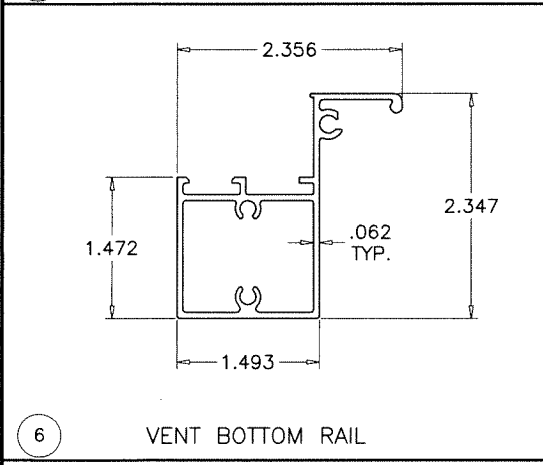
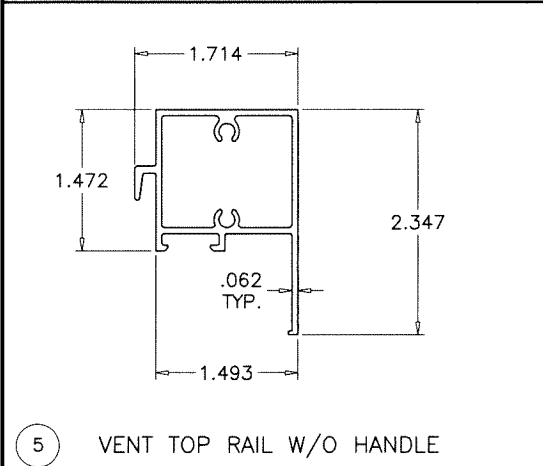
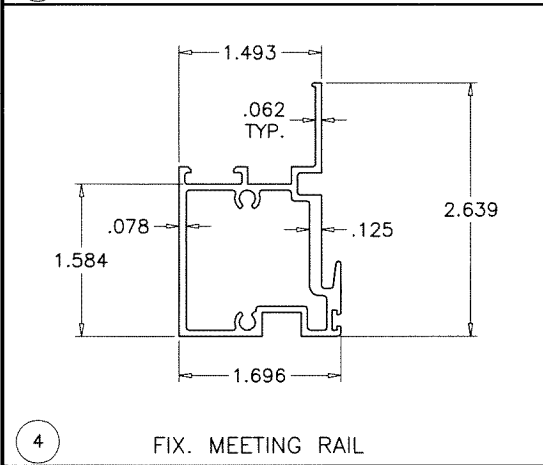
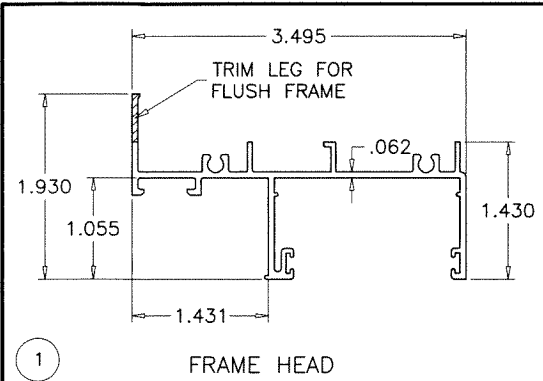
SERIES-100SH ALUM SINGLE HUNG WDW. (S.M.I.)

CRV Impact Windows & Doors, LLC.
13651 S.W. 158 Place
Miami, FL 33196
Tel. 904-337-5203, 786-366-1534

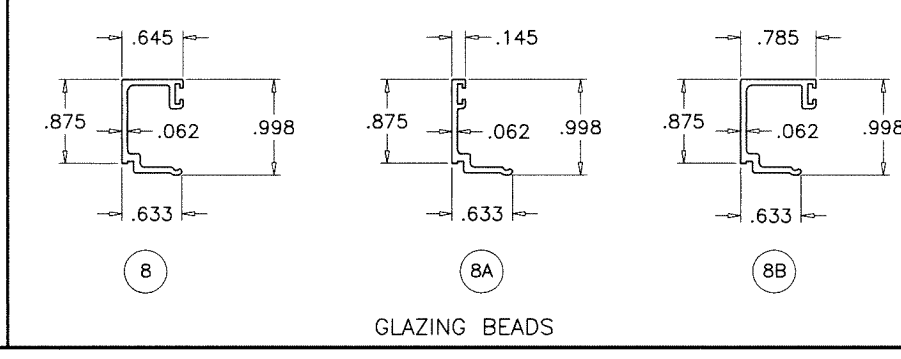
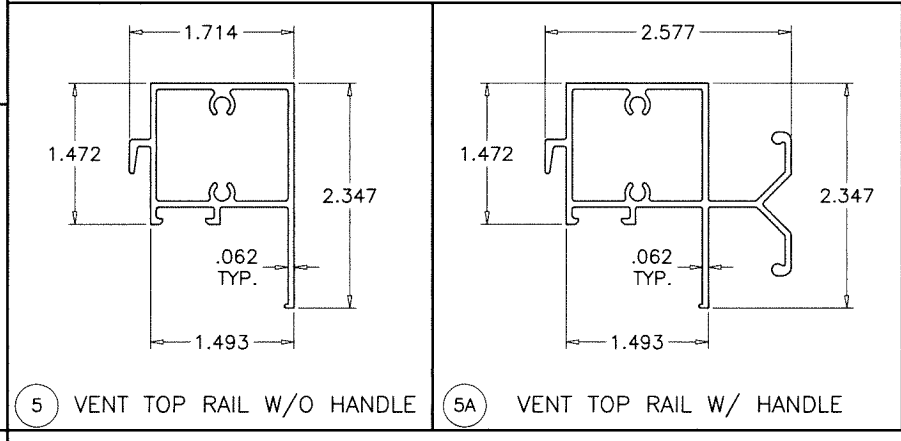
revisions:	
no	description

date: 01-10-25
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

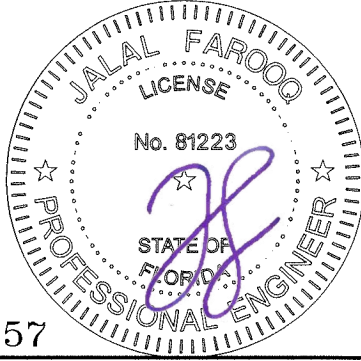
drawing no.
25-09F
sheet 6 of 8



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	116	1	FRAME HEAD	6063-T6	-
2	104A	1	FRAME SILL	6063-T6	-
3	113	2	FRAME JAMB	6063-T6	-
4	108	1	FIXED MTG. RAIL	6063-T6	-
5	118	1	VENT TOP RAIL W/O HANDLE	6063-T6	-
5A	107	1	VENT TOP RAIL W/ HANDLE	6063-T6	-
6	106	1	VENT BOTTOM RAIL	6063-T6	-
7	102	2	VENT SIDE RAIL	6063-T6	-
8	115	AS REQD.	GLAZING BEAD (7/16" LAM. GLASS)	6063-T6	-
8A	103	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
8B	119	AS REQD.	GLAZING BEAD (5/16" LAM. GLASS)	6063-T6	-
9	-	2/VENT	SASH STOP	6063-T6	-
11	-	-	HEAD SCREW COVER	-	-
12	SL203P	2/ VENT	SWEEP LATCH	ZAMAK	SULLIVAN & ASSOC.
12.1	#8 X 1/2"	2/ LATCH	LATCH INST. SCREWS	ST. STEEL	OH SMS
13	-	2/ VENT	SPRING LOADED LATCH	6063-T6	ALTERNATE TO SWEEP LATCH
13.1	-	2/ LATCH	LATCH SPRING	ST. STEEL	SULLIVAN & ASSOC.
14	#10 X 1-3/4"	AS REQD.	FRAME & VENT ASSEMBLY SCREWS	CRS	PH SMS
16	E202	AS REQD.	GLAZING BEAD BULB	NEOPRENE	ULTRAFAB
18	W71221NK	AS REQD.	FIN SEAL W'STRIPPING	-	ULTRAFAB
18A	W71321NK	AS REQD.	FIN SEAL W'STRIPPING	-	ULTRAFAB
19A	-	4/ VENT	VENT GUIDE	CELCON	M&M PLASTICS
19B	-	2/ VENT	VENT TOP CAP	CELCON	M&M PLASTICS
19.1	#6 X 3/8"	1/ GUIDE	SASH GUIDE INST. SCREW	CRS	OH SMS TYPE B
20	-	2/VENT	SPIRAL BALANCE	-	-
20.1	#10 X 1-1/4"	1/ BALANCE	BALANCE INST. SCREW	-	OH SMS TYPE B
21	-	AS REQD.	GLASS SPACER	SILICONE	FRANK LOWE
22	-	1	5/16" BOX SCREEN	-	OPTIONAL
23	-	2/ LITE	SETTING BLOCK AT 1/4 POINTS (1/4" X 1" X 2" LONG)	EPDM	DUROMETER 80±5 SHORE A
24	-	2	RETICULATED FOAM BAFFLE 30 PPI	-	-
25	WLO2	AS REQD.	AUTOMATIC LOCK	-	ROTO HARDWARE



SEALANT:
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH WHITE/ALUMINUM COLORED GENERAL PURPOSE SILICONE.



Sealed: 2/6/2025

FL #47257

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

COMP-ANL\25-09F-CRV

SERIES-100SH ALUM SINGLE HUNG WDW. (S.M.I.)

CRV Impact Windows & Doors, LLC.
13651 S.W. 158 Place
Miami, FL 33196
Tel. 904-337-5203, 786-366-1534

revisions:

no	date	by	description

date: 01-10-25 scale: 1/2" = 1" dr. by: TARIQ chk. by:

drawing no. **25-09F**

sheet 7 of 8

