

**SERIES 7620 THERMALLY BROKEN
ALUMINUM HORIZONTAL ROLLING WINDOW (L.M.I.)**

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

APPROVAL APPLIES TO SINGLE UNITS, SIDE BY SIDE UNITS OR TOP & BOTTOM COMBINATIONS OF H.R./H.R. OR HORIZ. ROLLING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING F.B.C. APPROVED MULLIONS IN BETWEEN.

ALSO SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR H.R./FIXED IN MODULES OF TWO OR MORE WINDOWS WITH WINDOW FRAME JOINT ADAPTERS. SEE SHEET 8 FOR SIDE BY SIDE FRAME JOINTS CAPACITY.

ALSO TOP & BOTTOM COMBINATIONS OF H.R./H.R. OR H.R./FIXED IN MODULES OF TWO OR MORE WINDOWS WITH WINDOW FRAME JOINT ADAPTERS. SEE SHEETS 9 AND 10 FOR TOP & BOTTOM FRAME JOINTS CAPACITY.

LOWER DESIGN PRESSURE FROM WINDOWS CAPACITY CHART, SEPARATE MULLION APPROVAL OR FRAME JOINT CAPACITY CHARTS WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH 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.

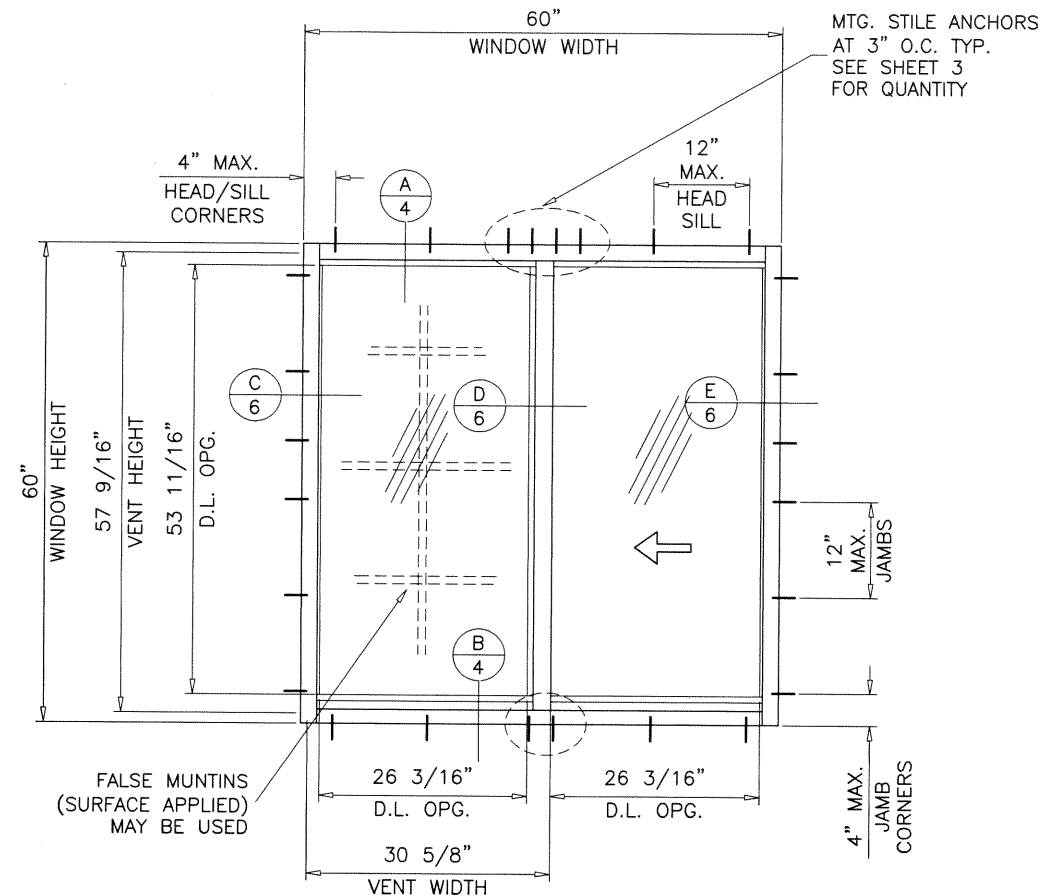
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY. ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017/2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

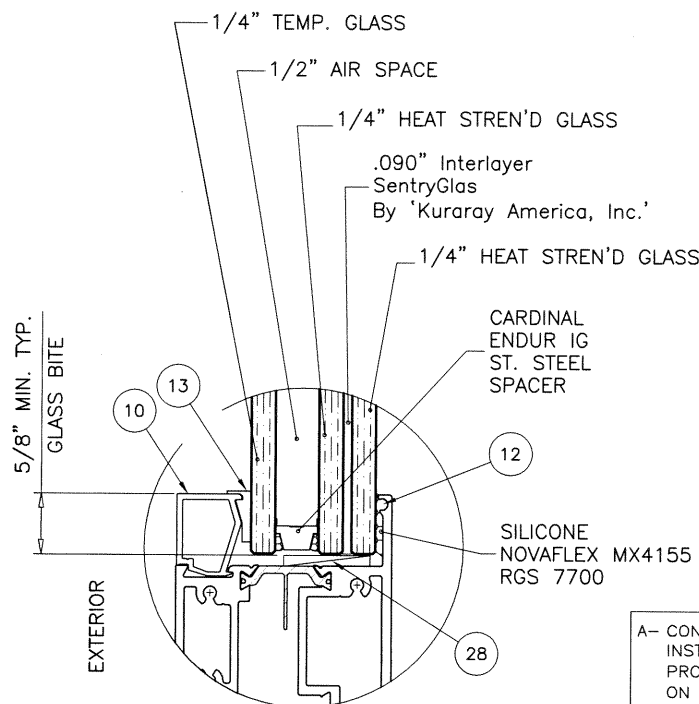
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, 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
(OX OR XO)



GLAZING DETAIL

1-1/4" OVERALL INSUL. LAM. GLASS

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

Sealed: 9/29/20

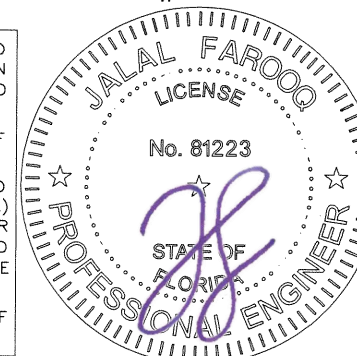
FL #29086

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.



af c
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

Series 7620 Alum. Horiz. Rolling Window (L.M.I.)

Western Window Systems

2200 E. Riverview Drive
Phoenix, AZ. 85034

Tel: (877) 268-1300 Fax: (876)

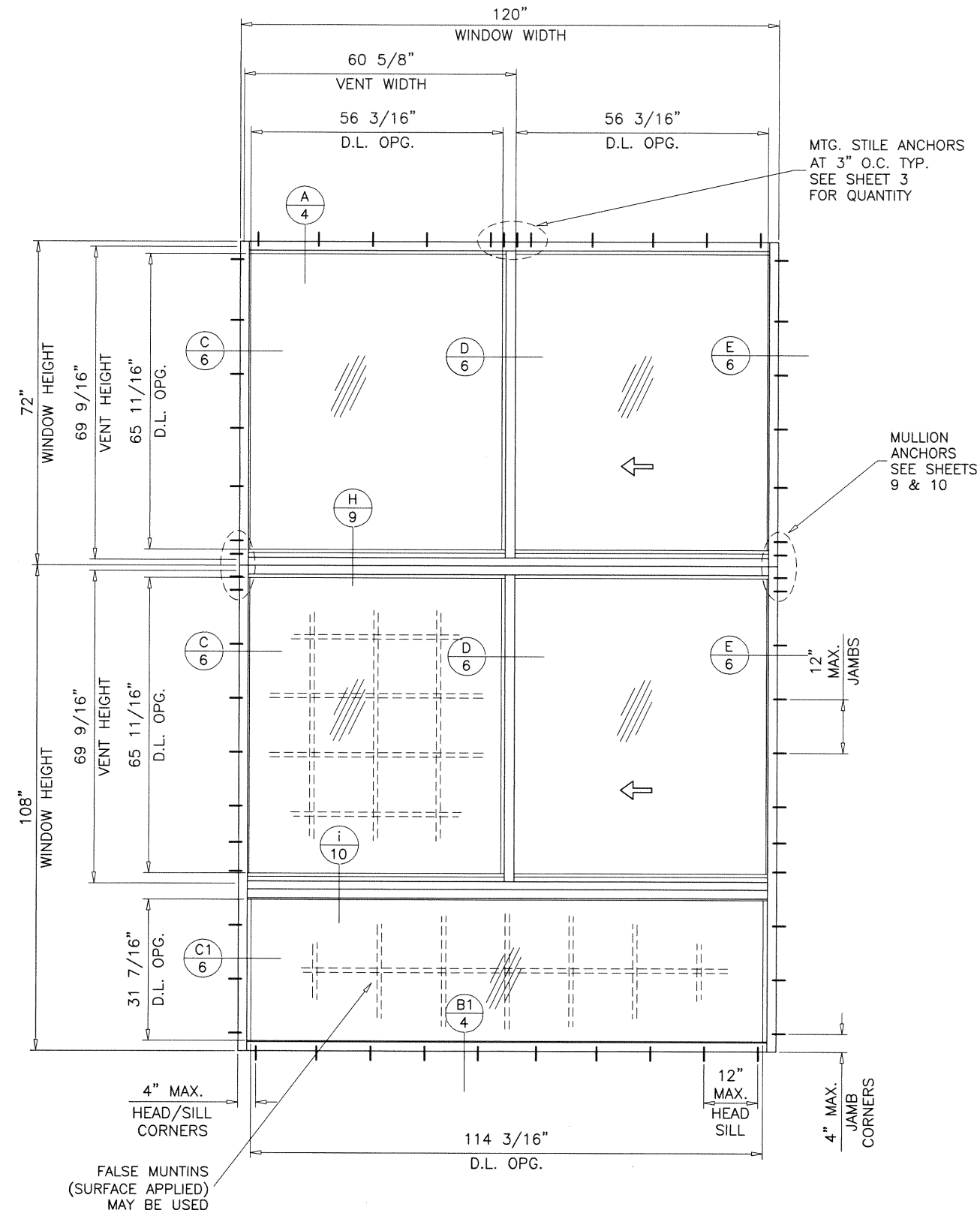
revisions:	no	date	by	description
	A	09.24.20		UPDATED TO 2020 FBC

date:	01-25-19
scale:	1/2"=1'-0"
dr. by:	TARIQ
chk. by:	

drawing no.
19-07F

sheet 1 of 13

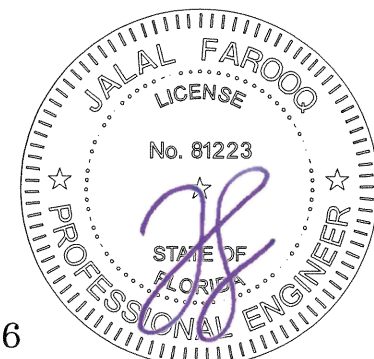
COMP-ANL\19-07F-WWS



TYPICAL ELEVATIONS
(TESTED UNITS)

Sealed: 9/29/20

FL #29086



Series 7620 Alum. Horiz. Rolling Window (L.M.I.)

Western Window Systems
2200 E. Riverview Drive
Phoenix, AZ. 85034
Tel: (877) 268-1300 Fax: (876)



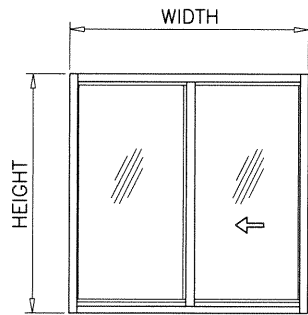
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
(C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\19-07F-WWS

date: 01-25-19		revisions:			
scale: $3/8" = 1' - 0"$	no.	date	by		
dr. by: TARIQ					
chk. by:					
drawing no. 19-07F					
sheet 2 of 13					

DESIGN LOAD CAPACITY – PSF (XO OR OX SIZES)				
WINDOW DIMS.		A	1-1/4" OVERALL INSUL. LAM. GL.	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
26-1/2"	26"	2	61.3	80.0
37"		2	61.3	80.0
53-1/8"		2	61.3	80.0
74"		2	61.3	80.0
26-1/2"	38-3/8"	2	61.3	80.0
37"		2	61.3	80.0
53-1/8"		2	61.3	80.0
74"		2	61.3	80.0
26-1/2"	50-5/8"	2	61.3	80.0
37"		2	61.3	80.0
53-1/8"		4	61.3	80.0
74"		4	61.3	65.0
26-1/2"	63"	2	61.3	80.0
37"		4	61.3	80.0
53-1/8"		4	61.3	75.7
74"		4	61.3	65.0
48"	36"	2	61.3	80.0
60"		2	61.3	80.0
72"		2	61.3	80.0
84"		2	61.3	80.0
96"		2	61.3	80.0
108"		2	61.3	65.0
120"		2	61.3	65.0
132"		2	61.3	65.0
144"		2	61.3	65.0
48"	48"	2	61.3	80.0
60"		4	61.3	80.0
72"		4	61.3	80.0
84"		4	61.3	65.0
96"		4	61.3	65.0
108"		4	61.3	65.0
120"		4	61.3	65.0
132"		4	61.3	65.0
144"		4	61.3	65.0
48"	60"	4	61.3	80.0
60"		4	61.3	80.0
72"		4	61.3	65.0
84"		4	61.3	65.0
96"		4	61.3	65.0
108"		4	61.3	65.0
120"		4	61.3	65.0
132"		4	61.3	65.0
144"		4	61.3	65.0
48"	72"	4	61.3	80.0
60"		4	61.3	65.0
72"		6	61.3	65.0
84"		6	61.3	65.0
96"		6	61.3	65.0
108"		6	61.3	65.0
120"		6	61.3	65.0

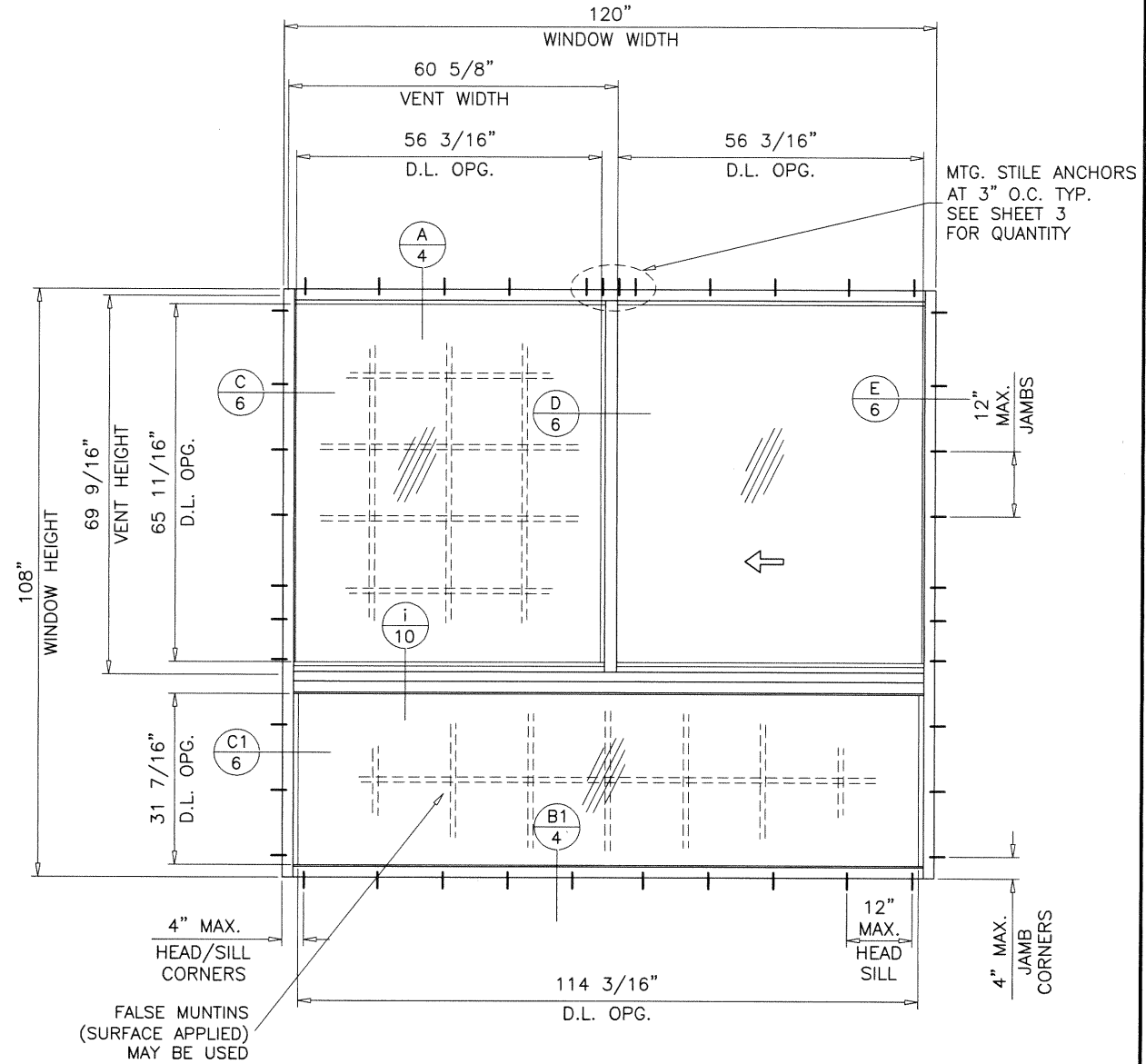
A = NO. OF ANCHORS AT MTG. STILE ENDS



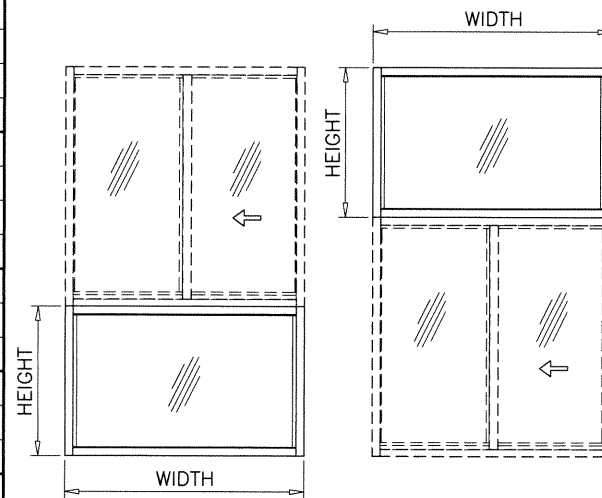
LEFT AND RIGHT VENTS TO BE OF
EQUAL GLASS DLO WIDTHS

'OX OR XO'

DESIGN LOAD CAPACITY – PSF (DIRECT SET WINDOW)				
WINDOW DIMS.		A	1-1/4" OVERALL INSUL. LAM. GL.	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
26-1/2"	26"	2	61.3	80.0
37"		2	61.3	80.0
53-1/8"		2	61.3	80.0
74"		2	61.3	65.0
26-1/2"	38-3/8"	2	61.3	80.0
37"		2	61.3	80.0
53-1/8"		2	61.3	65.0
74"		2	61.3	65.0
26-1/2"	50-5/8"	2	61.3	80.0
37"		2	61.3	65.0
53-1/8"		2	61.3	65.0
74"		2	61.3	65.0
26-1/2"	63"	2	61.3	80.0
37"		4	61.3	65.0
53-1/8"		4	61.3	65.0
74"		4	61.3	65.0
48"	30"	2	61.3	80.0
60"		2	61.3	80.0
72"		2	61.3	65.0
84"		2	61.3	65.0
96"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
120"		2	61.3	65.0
48"	36"	2	61.3	80.0
60"		2	61.3	65.0
72"		2	61.3	65.0
84"		2	61.3	65.0
96"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
120"		2	61.3	65.0
48"	42"	2	61.3	80.0
60"		2	61.3	65.0
72"		2	61.3	65.0
84"		2	61.3	65.0
96"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
120"		2	61.3	65.0
48"	48"	2	61.3	80.0
60"		2	61.3	65.0
72"		2	61.3	65.0
84"		2	61.3	65.0
96"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
120"		2	61.3	65.0
48"	54"	2	61.3	80.0
60"		2	61.3	65.0
72"		2	61.3	65.0
84"		2	61.3	65.0
96"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
120"		2	61.3	65.0
48"	60"	2	61.3	80.0
60"		2	61.3	65.0
72"		2	61.3	65.0
84"		2	61.3	65.0
96"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
120"		2	61.3	65.0
48"	66"	2	61.3	80.0
60"		2	61.3	65.0
72"		2	61.3	65.0
84"		2	61.3	65.0
96"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
120"		2	61.3	65.0
48"	72"	2	61.3	80.0
60"		2	61.3	65.0
72"		2	61.3	65.0
84"		2	61.3	65.0
96"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
108"		2	61.3	65.0
120"		2	61.3	65.0
120"		2	61.3	65.0

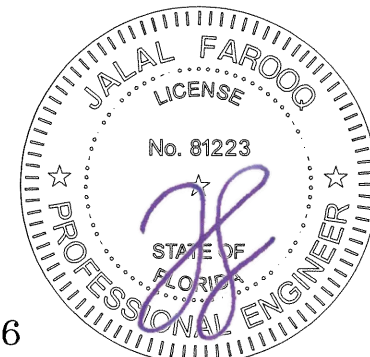


TYPICAL ELEVATION
(TESTED UNIT)



DIRECT SET WINDOW
AT TOP OR BOTTOM OF HORIZ. ROLLING WDW.

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: 9/29/20

FL #29086

af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\19-07F-WWS

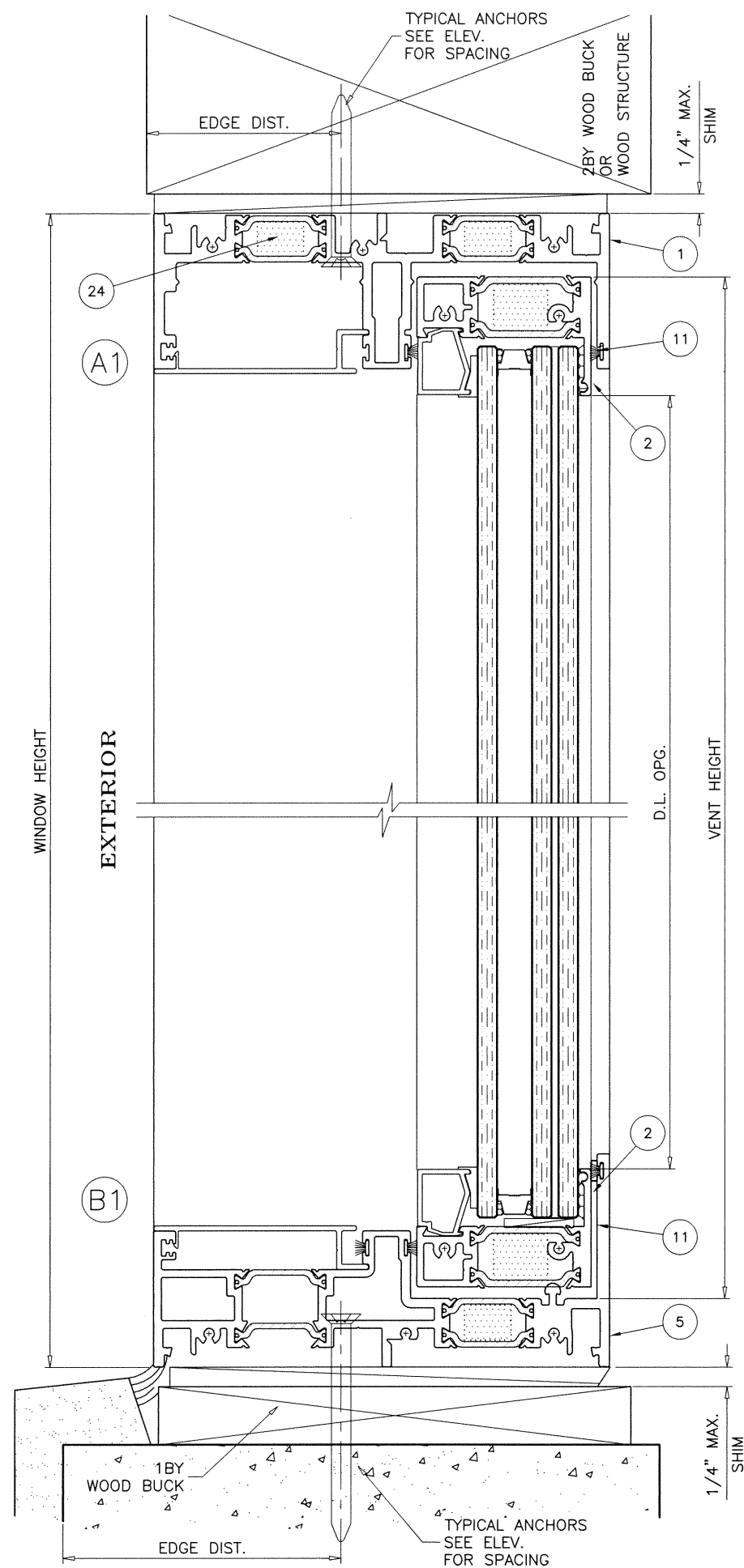
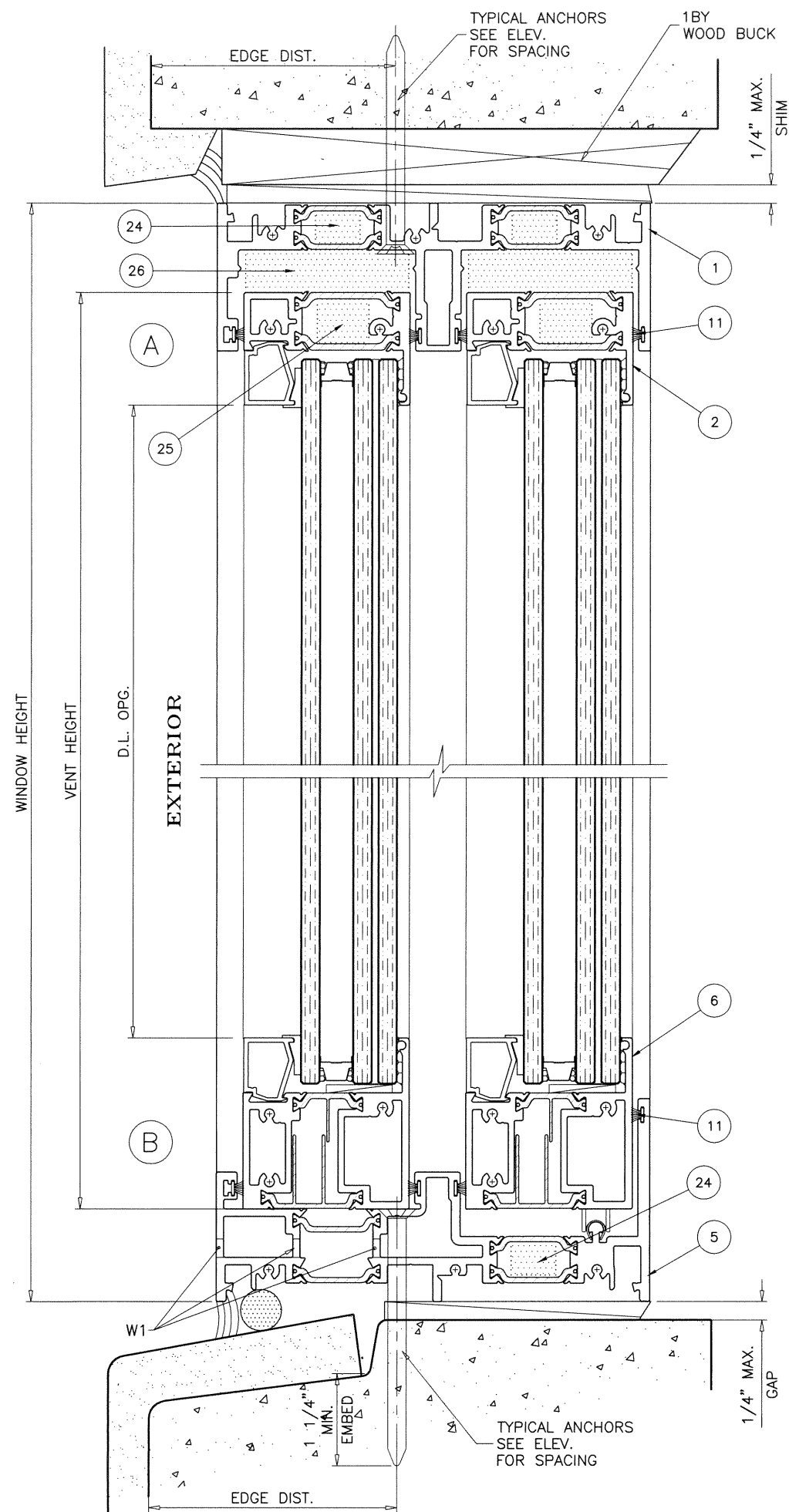
Series 7620 Alum. Horiz. Rolling Window (L.M.I.)

Western Window Systems
2200 E. Riverview Drive
Phoenix, AZ. 85034
Tel: (877) 288-1300 Fax: (876)

revisions:	no	date	by	description

date: 01-25-19
scale: 3/8"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
19-07F
sheet 3 of 13



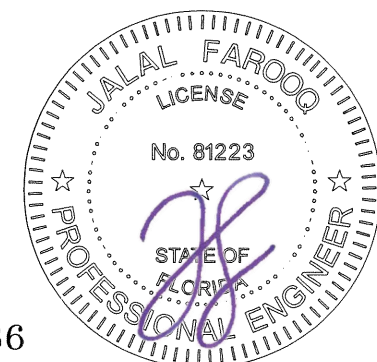
WEEPHOLES:

W1 = 1-1/4 X 1/4" WEEP HOLES WITH PLASTIC WEEP
FLAPS AT 6" FROM EACH END.

W2 = 5/8" DIA. WEEP HOLES AT 5" FROM ENDS
AND 24" O.C.

Sealed: 9/29/20

FL #29086



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

Series 7620 Alum. Horiz. Rolling Window (L.M.I.)

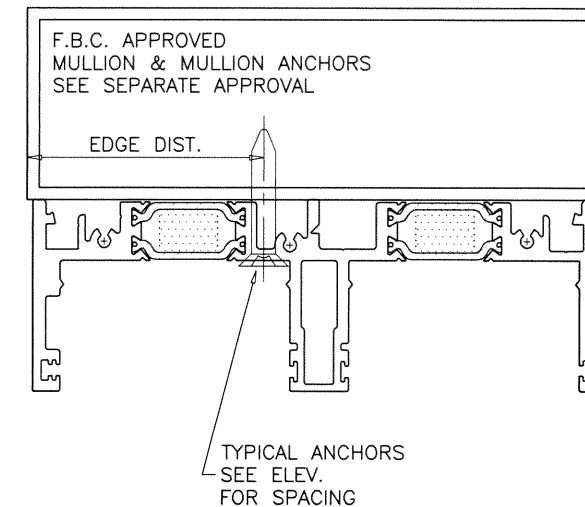
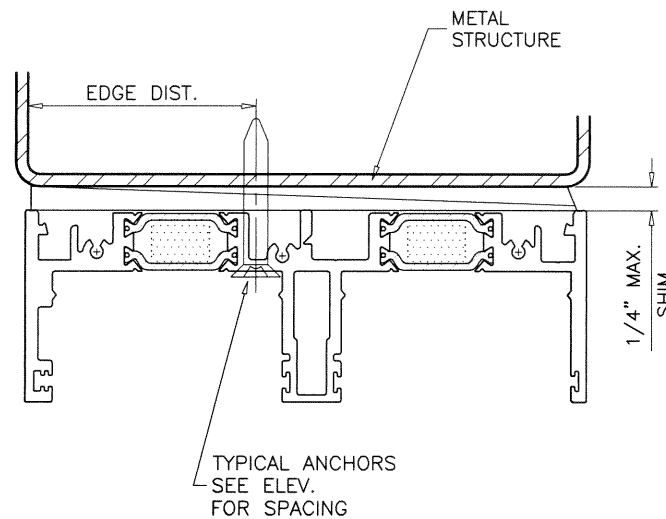
Western Window Systems
2200 E. Riverview Drive
Phoenix, AZ. 85034
Tel: (877) 268-1300 Fax: (876)

[illegible]

drawing no.

19-07F

sheet 4 of 13



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A'— 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u=164$ KSI, $F_y=148$ KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY BUCKS INTO CONCRETE
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 DIRECTLY INTO CONCRETE
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

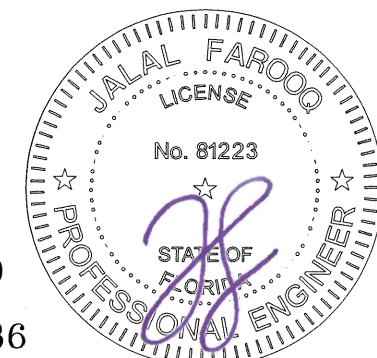
TYPE 'A1'— 1/4" DIA. ULTRACON+ BY 'DEWALT' (F_u=164 KSI, F_y=148 KSI)
THRU 1BY BUCKS INTO BLOCKS
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
DIRECTLY INTO BLOCKS
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

TYPE 'B'— 1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)
 INTO F.B.C. APPROVED MULLIONS
 AND
 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. ($F_y = 36$ KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

CRITICAL 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: 9/29/20

FL #29086

Series 7620 Alum. Horiz. Rolling Window (L.M.I.)

Western Window Systems
2200 E. Riverview Drive
Phoenix, AZ. 85034
Tel: (877) 268-1300 Fax: (876)



revisions:

no	date	by	description

date: 01-25-19

scale: 1/2" = 1"

dr. by: TARIQ

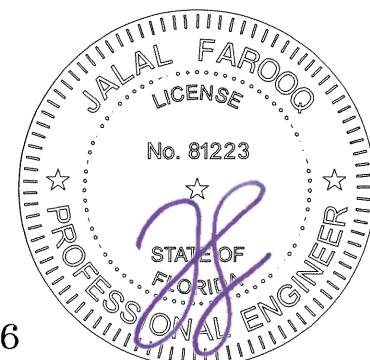
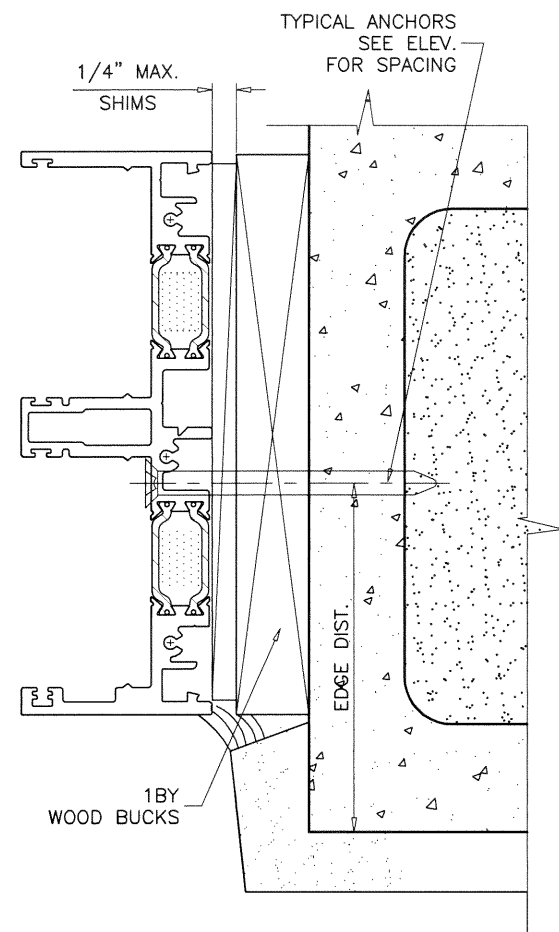
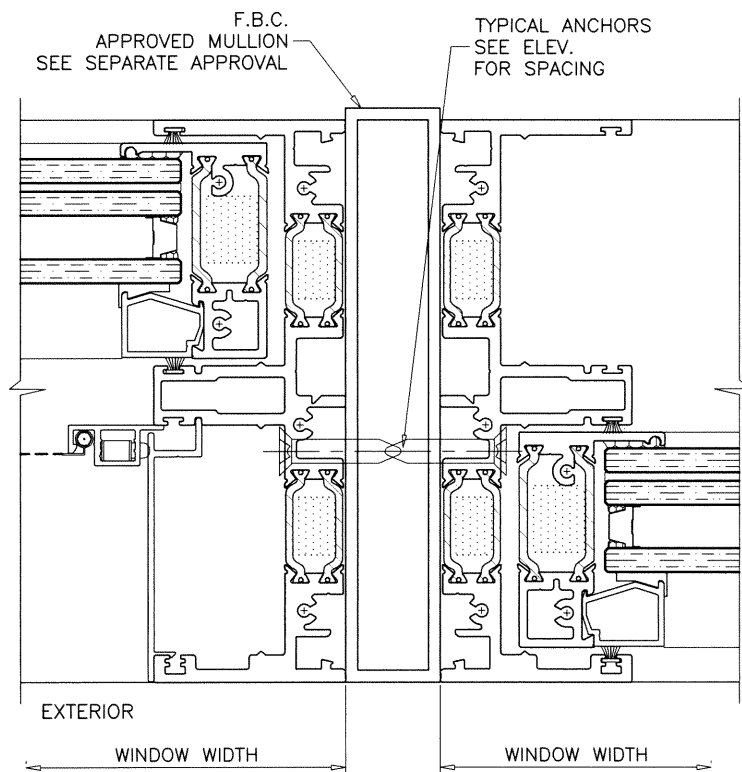
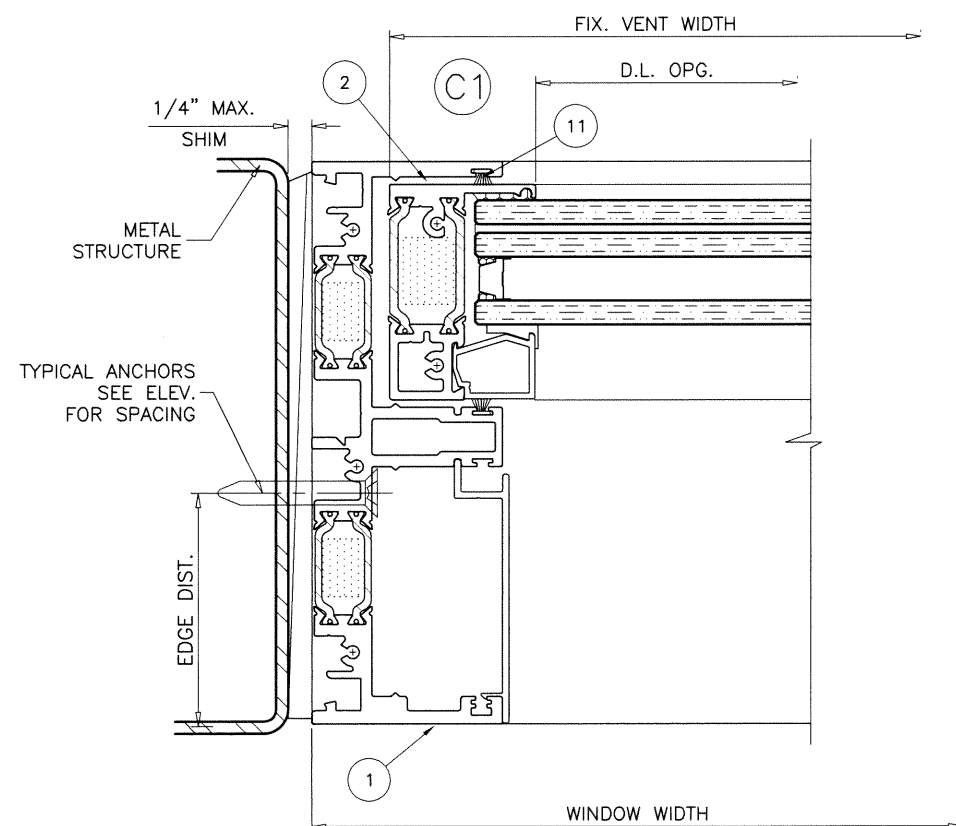
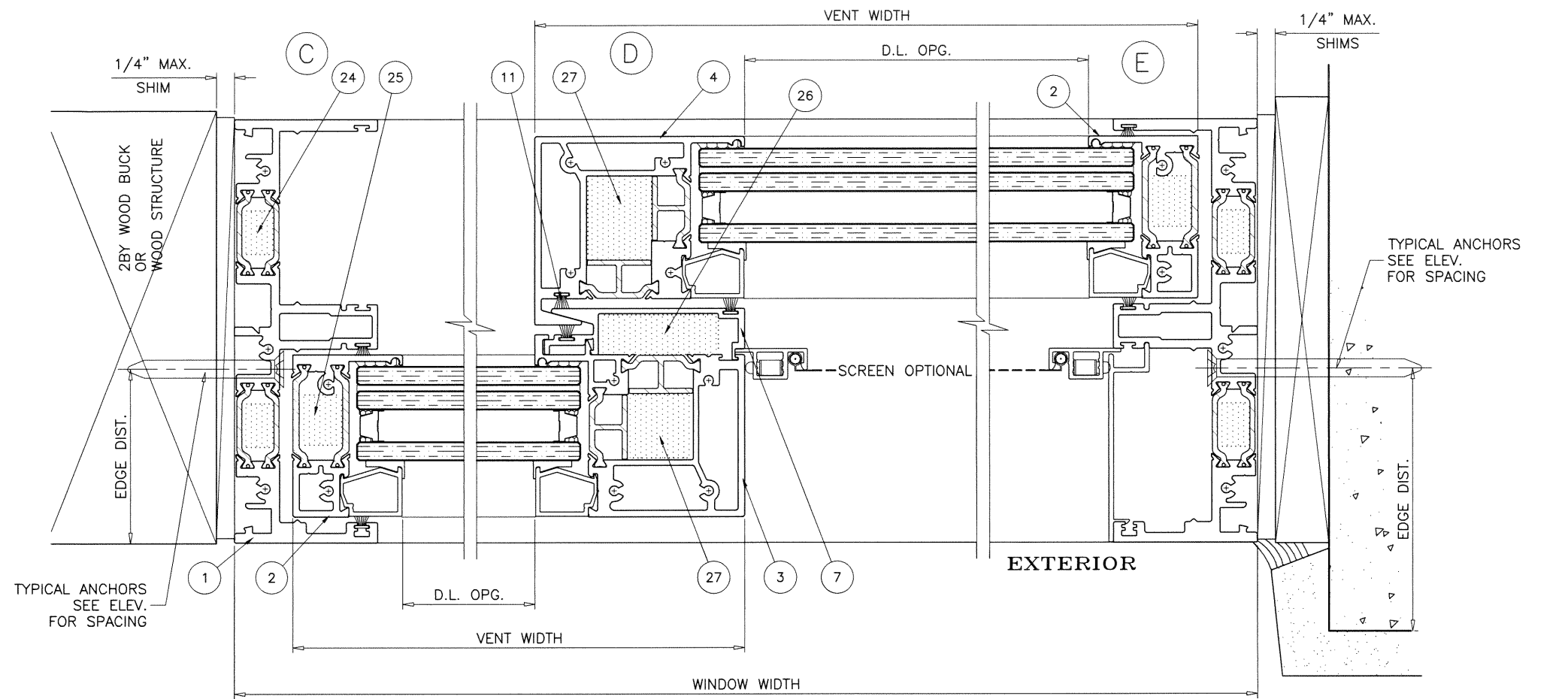
chk. by:

drawing no.

19-07F

sheet 5 of 13

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



Sealed: 9/29/20

FL #29086

af c

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

COMP-ANL\19-07F-WWS

Series 7620 Alum. Horiz. Rolling Window (L.M.I.)

Western Window Systems
2200 E. Riverview Drive
Phoenix, AZ. 85034
Tel: (877) 268-1300 Fax: (876)

revisions:

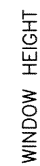
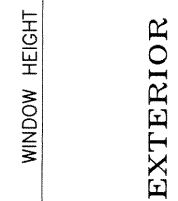
no	date	by	description

date: 01-25-19 scale: 1/2" = 1" dr. by: TARIQ chk. by:

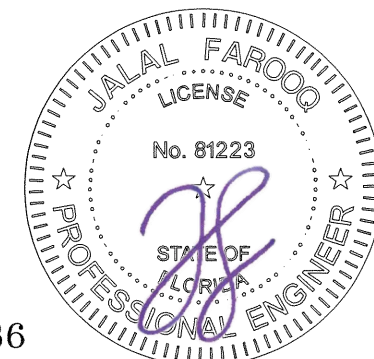
drawing no.

19-07F

sheet 6 of 13



TYPE 'C' - #12 WOOD SCREWS (GRADE 2 CRS)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD



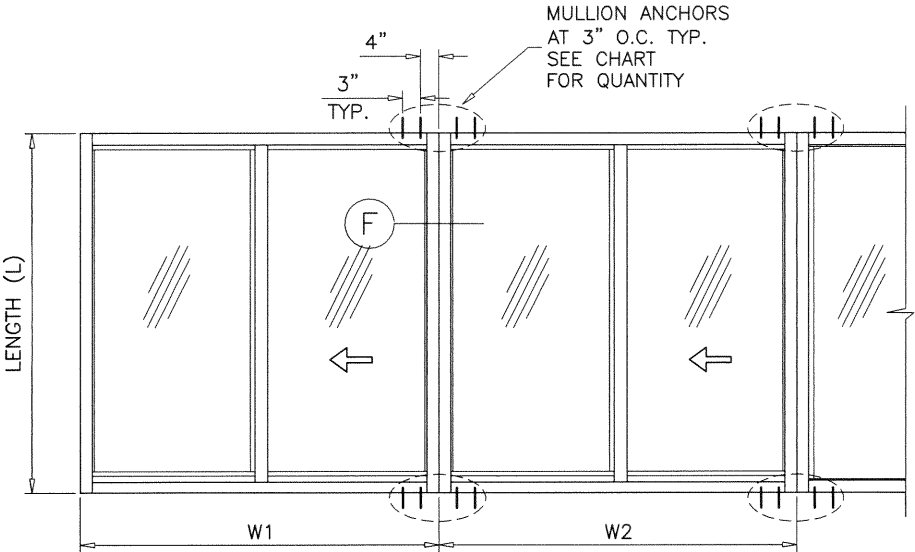
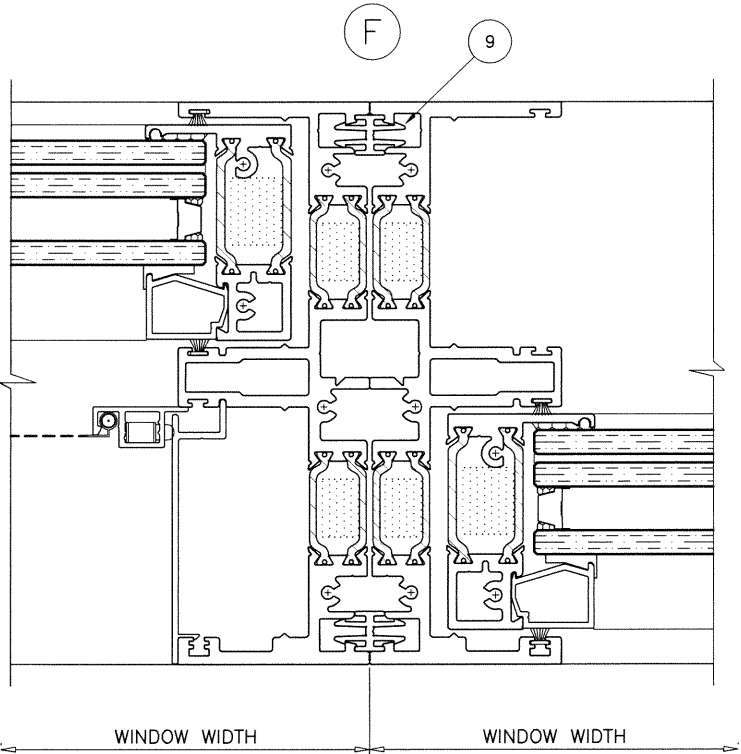
FL #29086

sheet 7 of 13

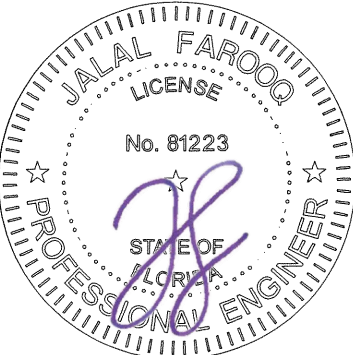
MULLION LOAD CAPACITY - PSF			
WINDOW DIMS.		VERTICAL MULLION	NO. OF ANCHORS AT MULLION ENDS
AVG. WIDTH (W)	LENGTH (L)	EXT.(+) INT.(-)	
26-1/2"	26"	65.0	2
37"		65.0	2
53-1/8"		65.0	2
74"		65.0	2
26-1/2"	38-3/8"	65.0	2
37"		65.0	2
53-1/8"		65.0	2
74"		65.0	2
26-1/2"	50-5/8"	65.0	2
37"		65.0	2
53-1/8"		65.0	4
74"		65.0	4
26-1/2"	63"	65.0	2
37"		65.0	4
53-1/8"		65.0	4
74"		65.0	4
48"	36"	65.0	2
60"		65.0	2
72"		65.0	2
84"		65.0	2
96"		65.0	2
108"		65.0	2
120"		65.0	2
48"	48"	65.0	2
60"		65.0	4
72"		65.0	4
84"		65.0	4
96"		65.0	4
108"		65.0	4
120"		65.0	4
48"	60"	65.0	4
60"		65.0	4
72"		65.0	4
84"		65.0	4
96"		65.0	4
108"		65.0	4
120"		65.0	4
48"	72"	65.0	4
60"		65.0	4
72"		65.0	6
84"		65.0	6
96"		65.0	6
108"		65.0	6
120"		65.0	6

NOTES:

1. USE CHART ON THIS SHEET FOR SIDE BY SIDE CAPACITY OF WINDOW FRAME JOINTS.
2. FOR HORIZ. SLDR. WINDOW CAPACITY SEE CHART ON SHEET 3.
- LOWER VALUES FROM STEPS 1 OR 2 WILL APPLY TO ENTIRE SYSTEM.
- SEE SHEET 5 FOR ANCHOR DESCRIPTION.



TYPICAL ELEVATION
SIDE BY SIDE WINDOWS
APPLIES TO TWO OR MORE WINDOWS
AVG. WIDTH (W) = $\frac{W1 + W2}{2}$



Sealed: 9/29/20

FL #29086

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\19-07F-WWS

Series 7620 Alum. Horiz. Rolling Window (L.M.I.)
Western Window Systems
2200 E. Riverview Drive
Phoenix, AZ. 85034
Tel: (877) 288-1300 Fax: (876)

revisions:
no. date by description

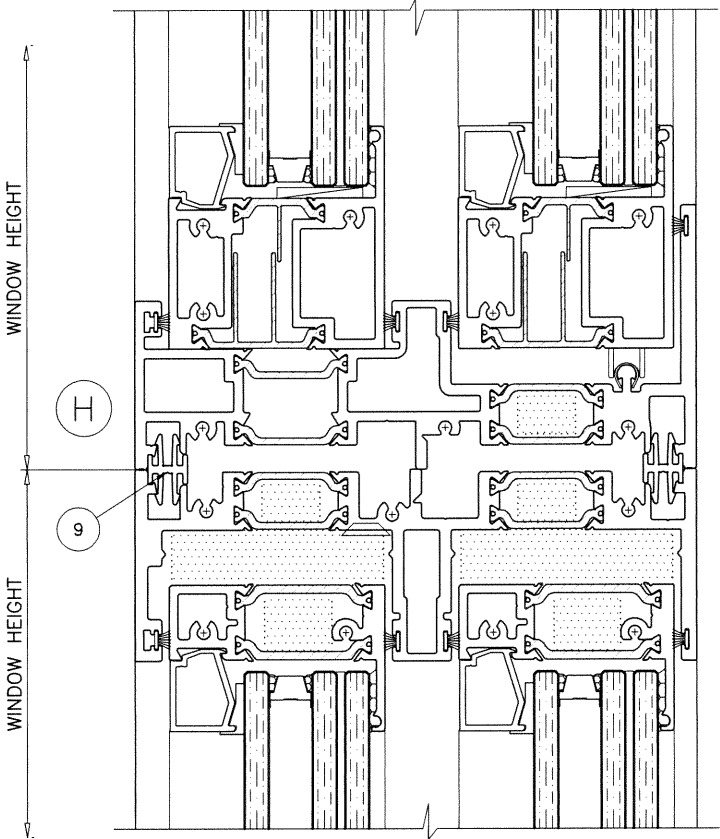
date: 01-25-19
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
19-07F
sheet **8** of **13**

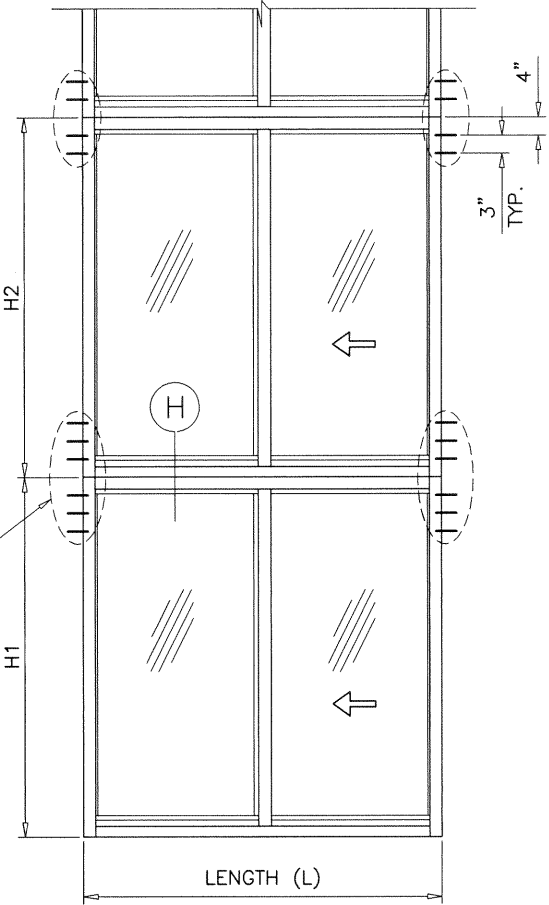
MULLION LOAD CAPACITY – PSF						
WINDOW DIMS.		HORIZONTAL MULLION	NO. OF ANCHORS AT MULLION ENDS			
AVG. HEIGHT (H)	LENGTH (L)	EXT.(+) INT.(–)	ANCHOR TYPE 'A'	ANCHOR TYPE 'A1'	ANCHOR TYPE 'B'	ANCHOR TYPE 'C'
26"	26–1/2"	65.0	2	2	2	2
	37"	65.0	2	2	2	2
	53–1/8"	65.0	2	4	2	2
	74"	65.0	2	4	2	4
38–3/8"	26–1/2"	65.0	2	2	2	2
	37"	65.0	2	4	2	2
	53–1/8"	65.0	2	4	2	4
	74"	65.0	4	6	2	4
50–5/8"	26–1/2"	65.0	2	4	2	2
	37"	65.0	2	4	2	4
	53–1/8"	65.0	4	6	2	4
	74"	65.0	4	8	2	6
63"	26–1/2"	65.0	2	4	2	2
	37"	65.0	4	4	2	4
	53–1/8"	65.0	4	6	2	4
	74"	65.0	6	8	4	6
48"	36"	65.0	2	4	2	4
	48"	65.0	4	4	2	4
	60"	65.0	4	6	2	4
	72"	65.0	4	6	2	4
	84"	65.0	4	8	4	6
	96"	65.0	6	8	4	6
	108"	65.0	6	10	4	6
	120"	65.0	6	10	4	8
60"	36"	65.0	2	4	2	4
	48"	65.0	4	6	2	4
	60"	65.0	4	6	4	4
	72"	65.0	4	8	4	6
	84"	65.0	6	10	4	6
	96"	65.0	6	10	4	8
	108"	65.0	6	12	4	8
	120"	65.0	8	12	4	8
72"	36"	65.0	4	6	2	4
	48"	65.0	4	6	2	4
	60"	65.0	4	8	4	6
	72"	65.0	6	10	4	6
	84"	65.0	6	10	4	8
	96"	65.0	8	12	4	8
	108"	65.0	8	14	6	10
	120"	53.7	8	12	4	8

NOTES:

1. USE CHART ON THIS SHEET FOR TOP AND BOTTOM CAPACITY OF WINDOW FRAME JOINTS.
2. FOR HORIZ. SLDR. WINDOW CAPACITY SEE CHART ON SHEET 2.
- LOWER VALUES FROM STEPS 1 OR 2 WILL APPLY TO ENTIRE SYSTEM.
- SEE SHEET 5 FOR ANCHOR DESCRIPTION.



ANCHOR TYPES
A, A1, B OR C
AT MULLION ENDS
SEE CHART
FOR QUANTITY



TYPICAL ELEVATION
TOP & BOTTOM WINDOWS
APPLIES TO TWO OR MORE WINDOWS
OPENINGS HEIGHTS NOT TO EXCEED 18 FT. MAX.
AVG. HEIGHT (H) = $\frac{H1 + H2}{2}$



Sealed: 9/29/20

FL #29086

af c

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

Series 7620 Alum. Horiz. Rolling Window (L.M.I.)

Western Window Systems
2200 E. Riverview Drive
Phoenix, AZ. 85034
Tel: (877) 268-1300 Fax: (876)

revisions:
no date by description

date: 01-25-19
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
19-07F
sheet 9 of 13

COMP-ANL\19-07F-WWS

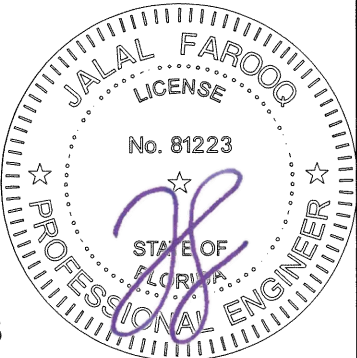
ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	EX7635	AS REQD..	FRAME HEAD/JAMB (EQUAL LEG)	6063-T6	-
1A	EX7635	AS REQD..	FRAME HEAD/JAMB (FIN)	6063-T6	-
2	EX7638	AS REQD..	VENT TOP RAIL/STILE	6063-T6	-
3	EX7639	AS REQD..	FIXED MTG. STILE	6063-T6	-
4	EX7640	AS REQD..	VENT INTERLOCK	6063-T6	-
5	EX7641	AS REQD..	FRAME SILL (EQUAL LEG)	6063-T6	-
5A	EX7641	AS REQD..	FRAME SILL (FIN)	6063-T6	-
6	EX7642	AS REQD..	BOTTOM RAIL	6063-T6	-
7	X7612	AS REQD..	APPLIED INTERLOCK	POLYAMIDE	-
8	E7610	AS REQD..	HEAD/SILL/JAMB FILLER	6063-T6	-
9	E7661	AS REQD.	MULLION ADAPTER	6063-T6	-
10	E7629	AS REQD.	GLASS STOP	6063-T6	-
11	W3623	AS REQD.	FRAME W'STRIPPING	POLY-PILE	AMESBURY TRUTH
12	W7600	AS REQD.	3mm CHORD STOCK (INTERIOR)	EPDM	VIP RUBBER CO.
13	W12512	AS REQD.	GLAZING GASKET (EXTERIOR)	EPDM	-
14	H3624C	AS REQD.	GLAZING SEALANT	SILICONE	-
15	F5010SSS	AS REQD.	FRAME/VENT/FIXED/MULL FASTENERS	ST. STEEL	#10 X 1" SMS
16	F50000SS	AS REQD.	FRAME FASTENERS	ST. STEEL	8-18 X 1/2" PHIL PAN TEK
17	F5014SSS	AS REQD.	FRAME FASTENERS	ST. STEEL	10A X 2-1/2" SMS
18	F5035SSS	AS REQD.	FIXED/VENT FASTENERS	ST. STEEL	#6 X 3/4" SELF DRILLING SCREWS
19	H7599	AS REQD.	MULL BAR JAMB FILLER BLOCK	-	-
20	H42	AS REQD.	FIXED PANEL BRACKET	-	FINE LINE LASER CASTING
21	H231M	AS REQD.	CONTINUOUS CORNER	-	DENALI METALWORKS
22	H109	AS REQD.	FRAME SEALANT	SILICONE	-
23	-	AS REQD.	SLIMLINE STRIKE	-	INTERLOCK
24	H8760	AS REQD.	HEAD/JAMB/SILL FOAM (POLYSTYRENE EXPANDED)	-	CENTRAL PLASTICS
25	H8761	AS REQD.	TOP RAIL AND STILE FOAM (POLYSTYRENE EXPANDED)	-	CENTRAL PLASTICS
26	H8762	AS REQD.	FILLER FOAM (POLYSTYRENE EXPANDED)	-	CENTRAL PLASTICS
27	H8763	AS REQD.	FIXED MTG. STILE FOAM (POLYSTYRENE EXPANDED)	-	CENTRAL PLASTICS
28	-	2/ LITE	SETTING BLOCK AT 1/4 POINTS	EPDM	DUROMETER 80± SHORE A

SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER OF GLAZING BEAD TO FRAME SEALED WITH SILICONE SEALANT.

Sealed: 9/29/20

FL #29086



af c

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

Series 7620 Alum. Horiz. Rolling Window (L.M.I.)

Western Window Systems

2200 E. Riverview Drive

Phoenix, AZ. 85034

Tel: (877) 268-1300 Fax: (876)

revisions:

no	date	by	description

date: 01-25-19

scale: 1/2" = 1"

dr. by: TARIQ

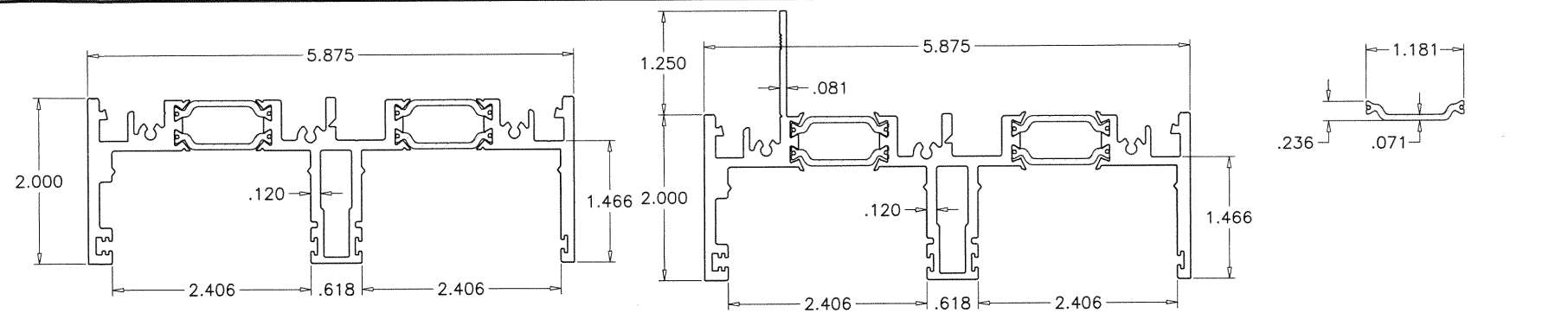
chk. by:

drawing no.

19-07F

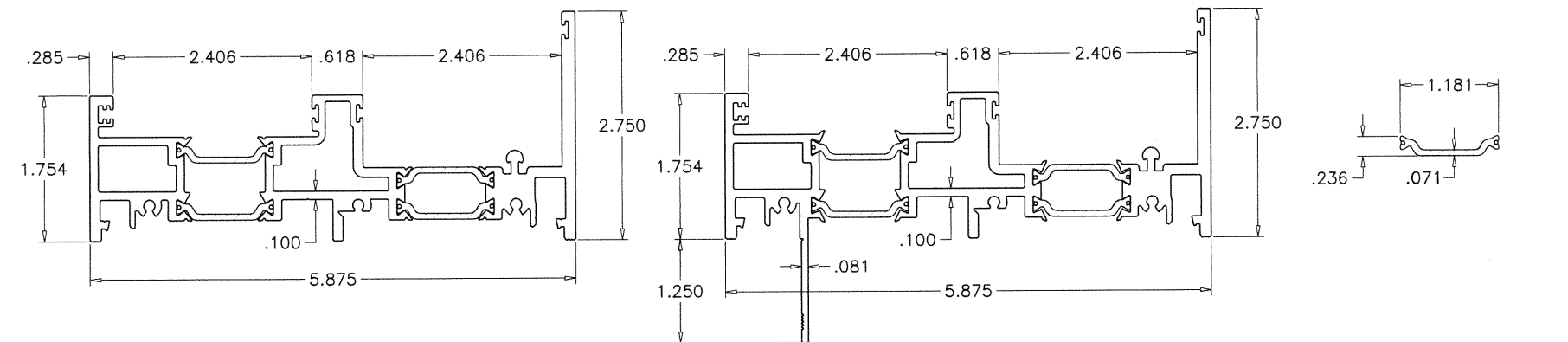
sheet 11 of 13

COMP-ANL\19-07F-WWS



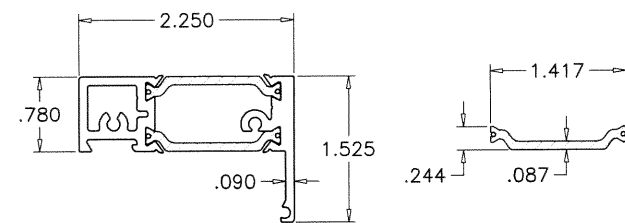
1 FRAME HEAD/JAMB (EQUAL LEG)

1A FRAME HEAD/JAMB (FIN)

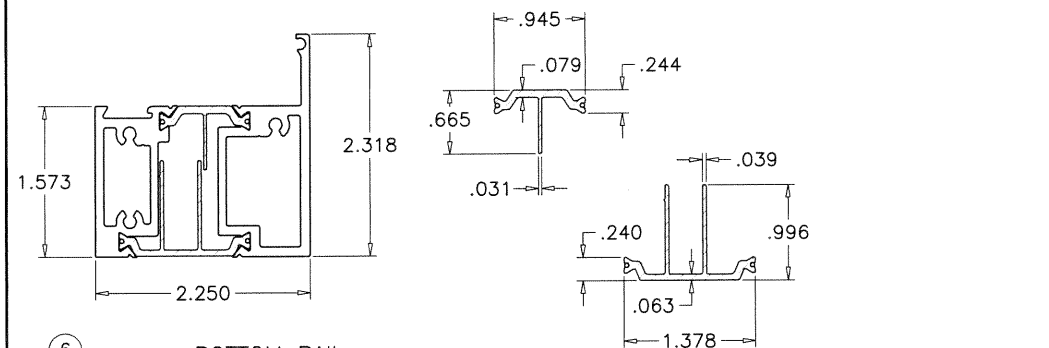


5 FRAME SILL (EQUAL LEG)

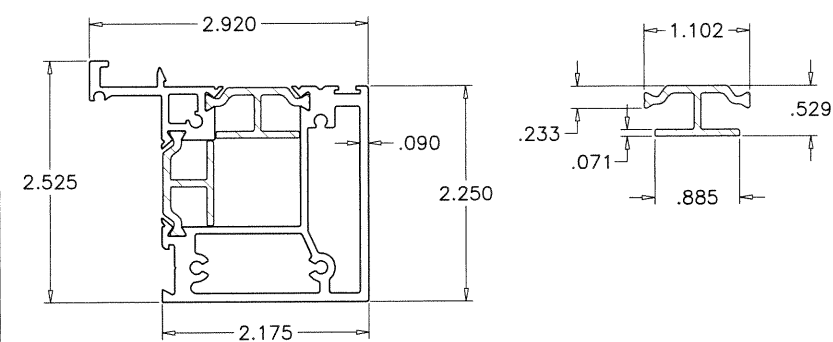
5A FRAME SILL (FIN)



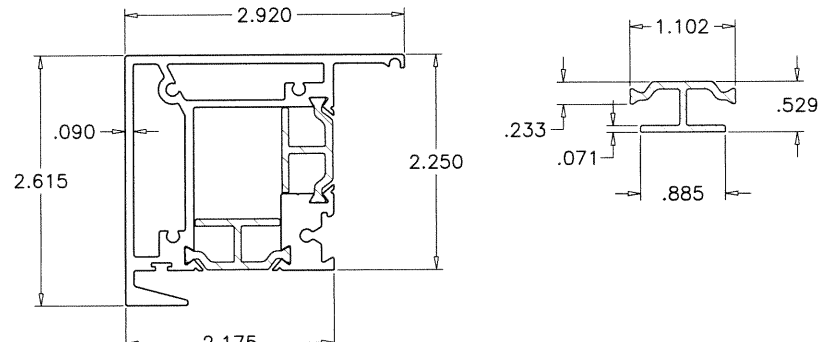
2 VENT TOP RAIL/STILE



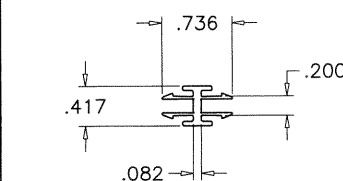
6 BOTTOM RAIL



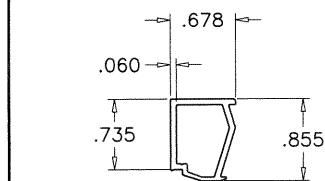
3 FIXED MTG. STILE



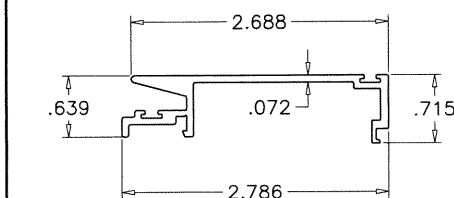
4 VENT INTERLOCK



9 MULLION ADAPTER



10 GLASS STOP

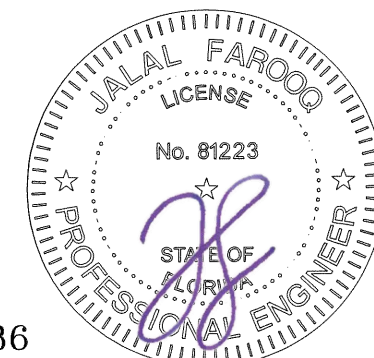


7 APPLIED INTERLOCK

INSULBARS
 MATERIAL = POLYAMIDE
 TENSILE STRENGTH = 13031 PSI
 RATE OF BURN = .752 IN./MIN.
 SELF IGNITION TEMP. = 793° F
 FLASH IGNITION TEMP. = 781°C
 SMOKE DENSITY = 1.63

Sealed: 9/29/20

FL #29086

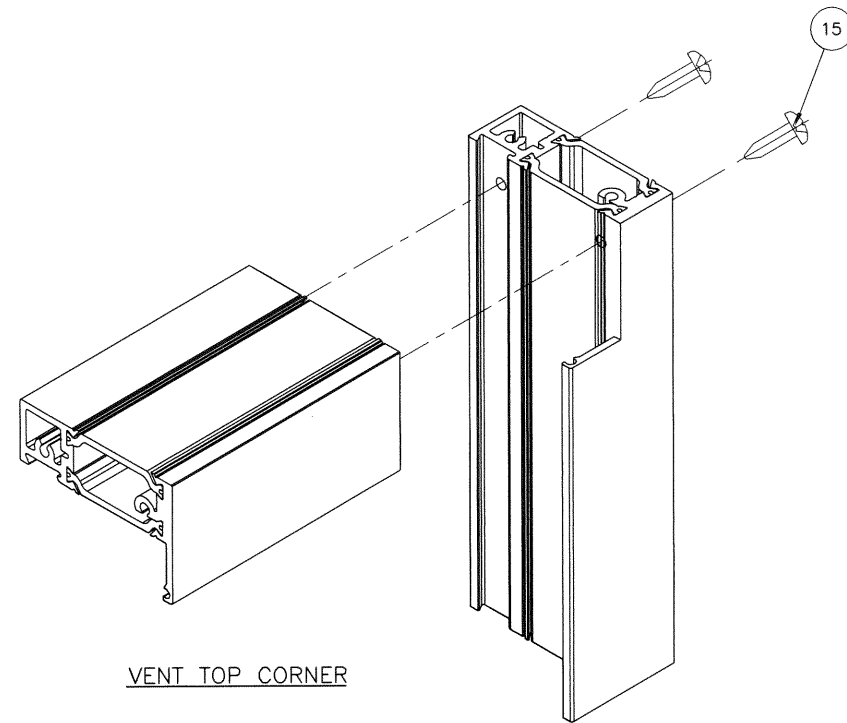


AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL 19-07F-WWS

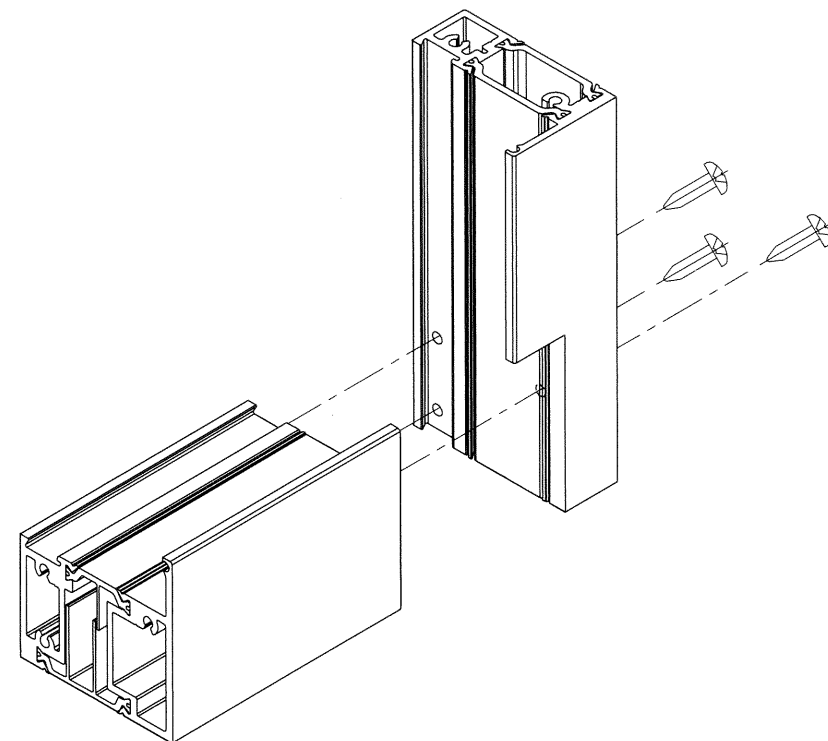
Series 7620 Alum. Horiz. Rolling Window (L.M.I.)
Western Window Systems
 2200 E. Riverview Drive
 Phoenix, AZ. 85034
 Tel: (877) 268-1300 Fax: (876)

revisions:		no		date		by		description	

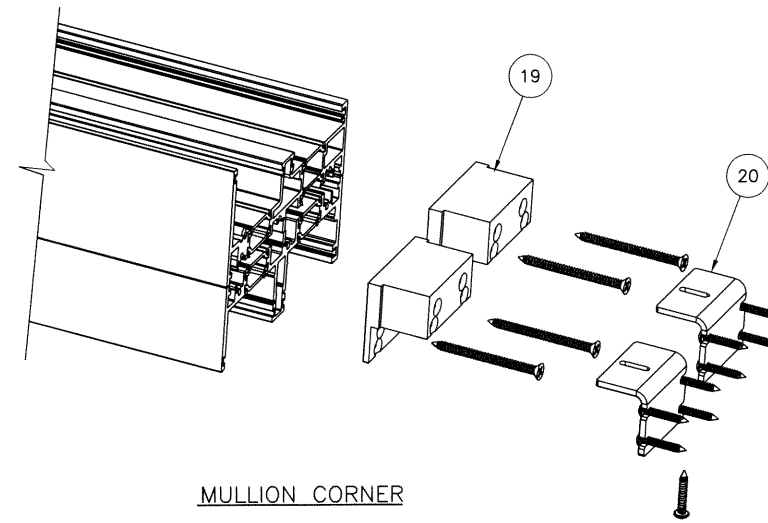
date: 01-25-19
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:
 drawing no.
19-07F
 sheet 12 of 13



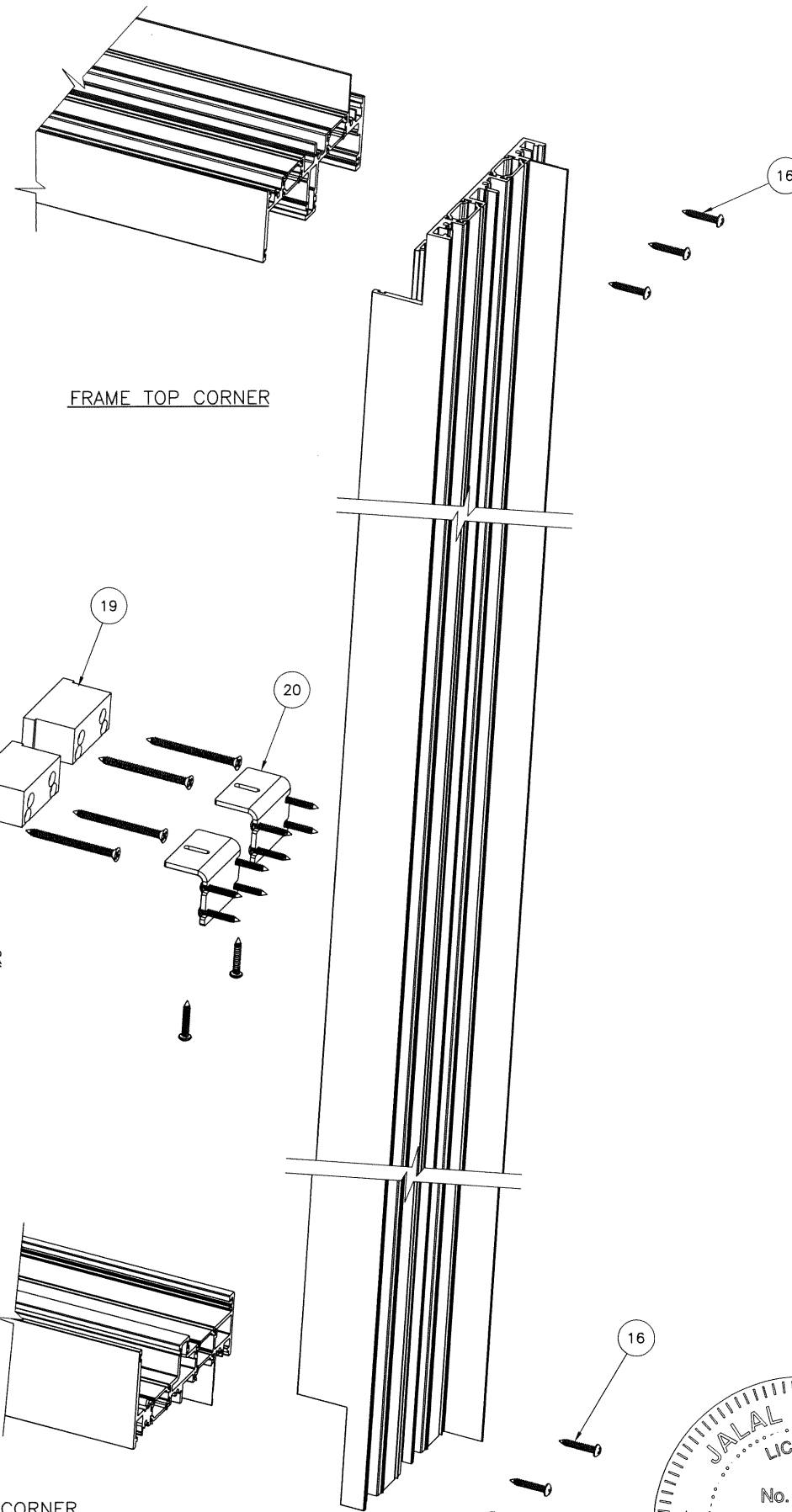
VENT TOP CORNER



VENT BOTTOM CORNER



MULLION CORNER

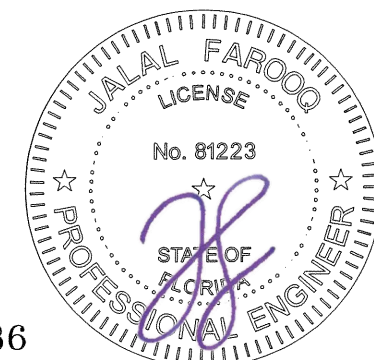


FRAME TOP CORNER

FRAME BOTTOM CORNER

Sealed: 9/29/20

FL #29086



Series 7620 Alum. Horiz. Rolling Window (L.M.I.)

Western Window Systems
2200 E. Riverview Drive
Phoenix, AZ. 85034
Tel: (877) 268-1300 Fax: (876)



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 19-07F-WWS

revisions:		date		by description	
no	date	no	date	no	date

date: 01-25-19
scale: -
dr. by: TARIQ
chk. by:

drawing no.
19-07F

sheet 13 of 13