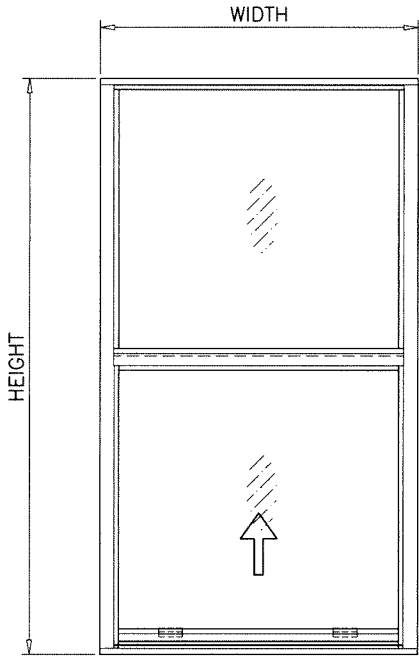


EQUAL LITES WINDOWS			
DESIGN LOAD CAPACITY - PSF			
FLANGE DIMS.		GLASS TYPES 'A' & 'B'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26" (4)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
37"		80.0	140.0
48"		80.0	140.0
53-1/8"		80.0	140.0
19-1/8"	38-3/8" (4)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
37"		80.0	140.0
48"		80.0	140.0
53-1/8"		80.0	140.0
19-1/8"	50-5/8" (6)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
37"		80.0	140.0
48"		80.0	140.0
53-1/8"		80.0	140.0
19-1/8"	63" (6)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
37"		80.0	140.0
48"		80.0	140.0
53-1/8"		80.0	140.0
19-1/8"	74-1/4" (8)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
37"		80.0	140.0
48"		80.0	140.0
53-1/8"		80.0	129.6
19-1/8"	76" (8)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
37"		80.0	140.0
48"		80.0	140.0
53-1/8"		80.0	128.5
19-1/8"	84" (8)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
37"		80.0	140.0
48"		80.0	140.0
53-1/8"		80.0	124.7
53-1/8"	74-1/4"	80.0	140.0
53-1/8"	76"	80.0	140.0
53-1/8"	84"	80.0	140.0

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

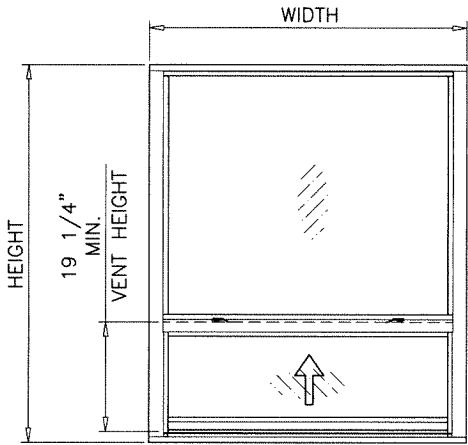
ADDL. ANCHOR
AT MTG. RAIL



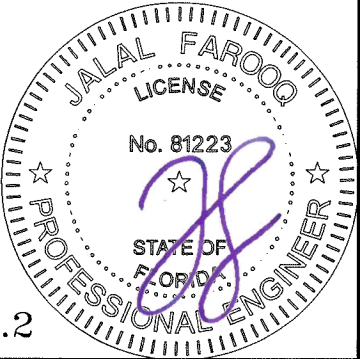
EQUAL LITES

UNEQUAL LITES WINDOWS			
DESIGN LOAD CAPACITY - PSF			
FLANGE DIMS.		GLASS TYPES 'A' & 'B'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	50-5/8" (6)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
32"		80.0	140.0
36"		80.0	140.0
37"		80.0	140.0
46"		80.0	140.0
48"		80.0	140.0
53-1/8"		80.0	140.0
19-1/8"	63" (6)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
32"		80.0	140.0
36"		80.0	140.0
37"		80.0	140.0
46"		80.0	140.0
19-1/8"	74-1/4" (8)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
32"		80.0	140.0
36"		80.0	140.0
37"		80.0	140.0
19-1/8"	76" (8)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
32"		80.0	140.0
36"		80.0	140.0
19-1/8"	84" (8)	80.0	140.0
26-1/2"		80.0	140.0
30"		80.0	140.0
32"		80.0	140.0

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



UNEQUAL LITES (ORIEL TYPE)



NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

Sealed: 8/14/2026

FL #20352.2

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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W16-21MG

MG-200 ALUM SINGLE HUNG WINDOW (S.M.I.)

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:

no	date	by	description

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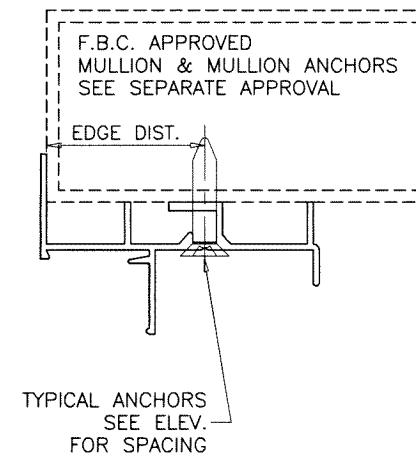
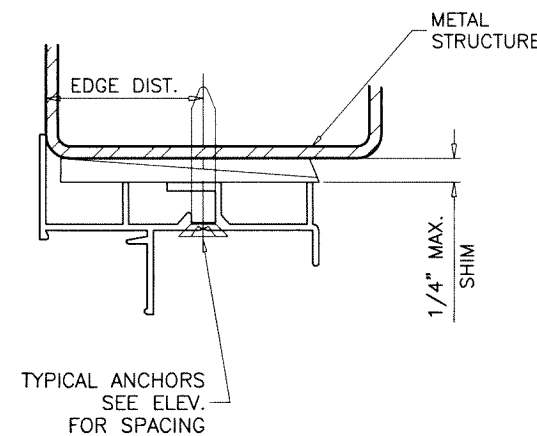
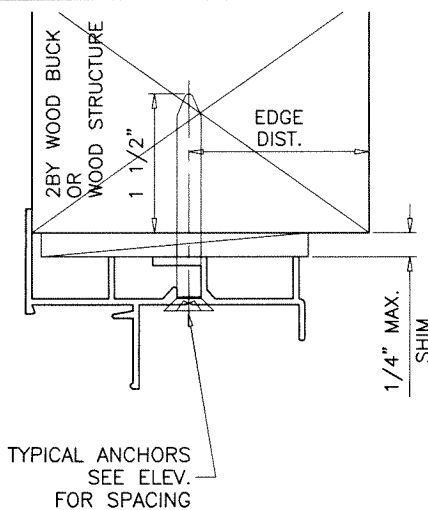
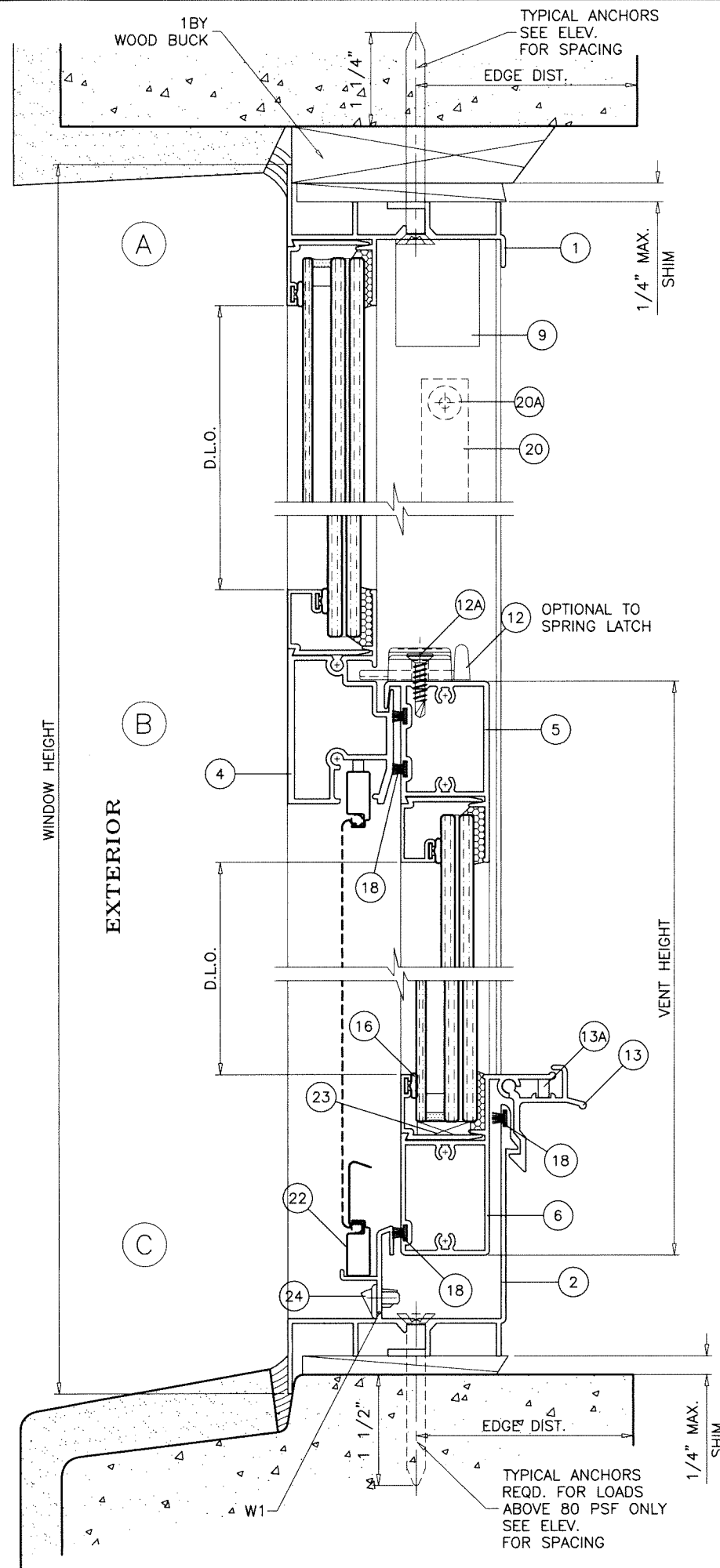
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chk. by:

drawing no.
W16-21

sheet **2** of **7**



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

WEEPHOLES:

W1 = 1-1/2" X 5/16" WEEPHOLES AT 5-1/2" FROM EACH END

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

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)

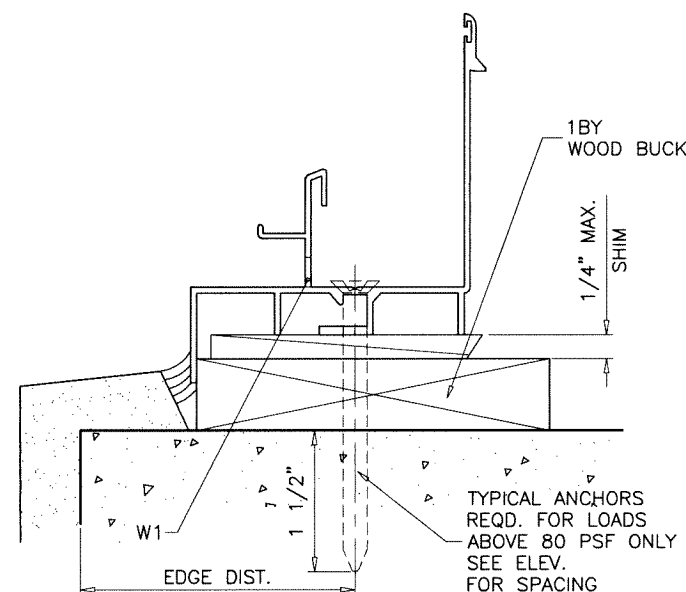
DIRECTLY INTO CONCRETE OR BLOCKS 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

#14 SMS OR SELF-DRILLING SCREWS (GRADE 2 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)

CRITICAL EDGE DISTANCE

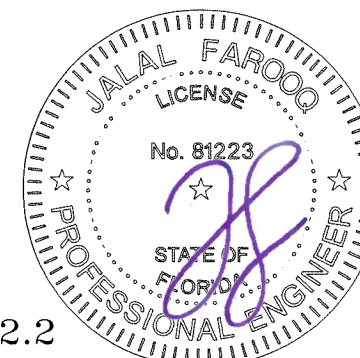
INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

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.



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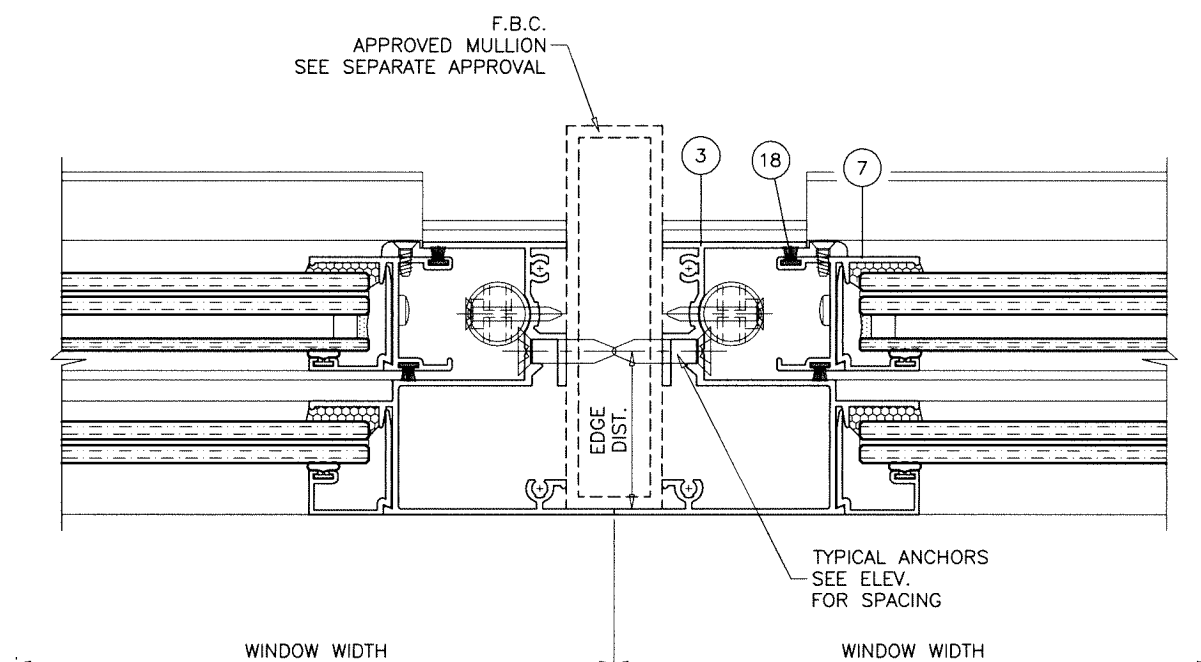
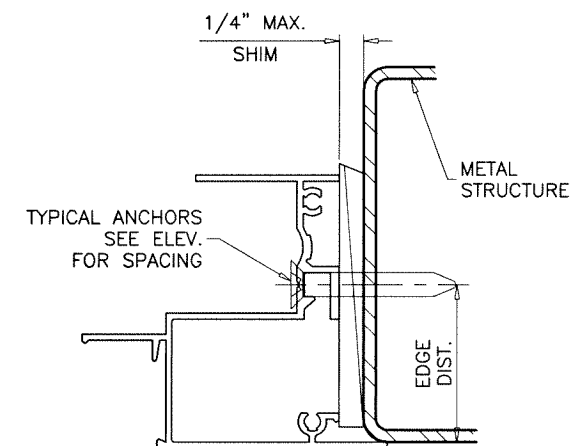
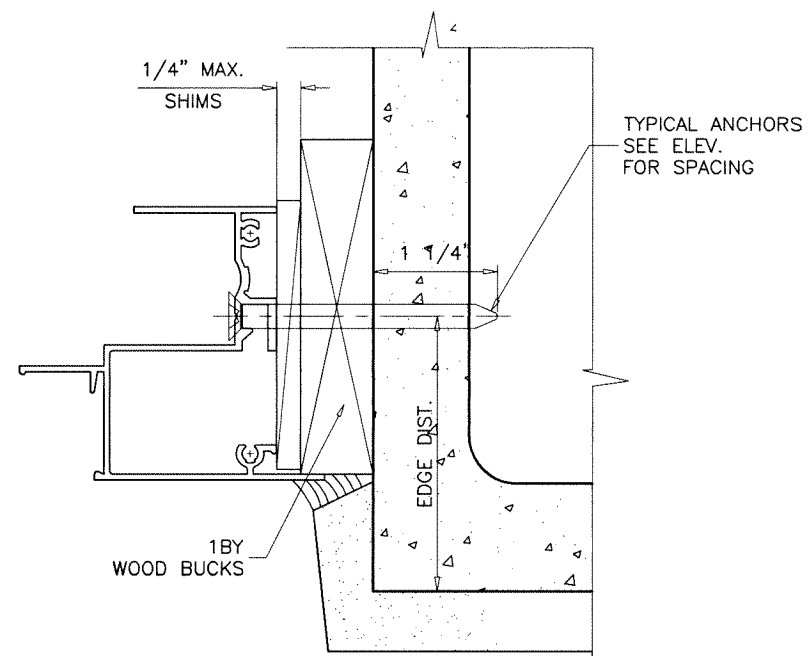
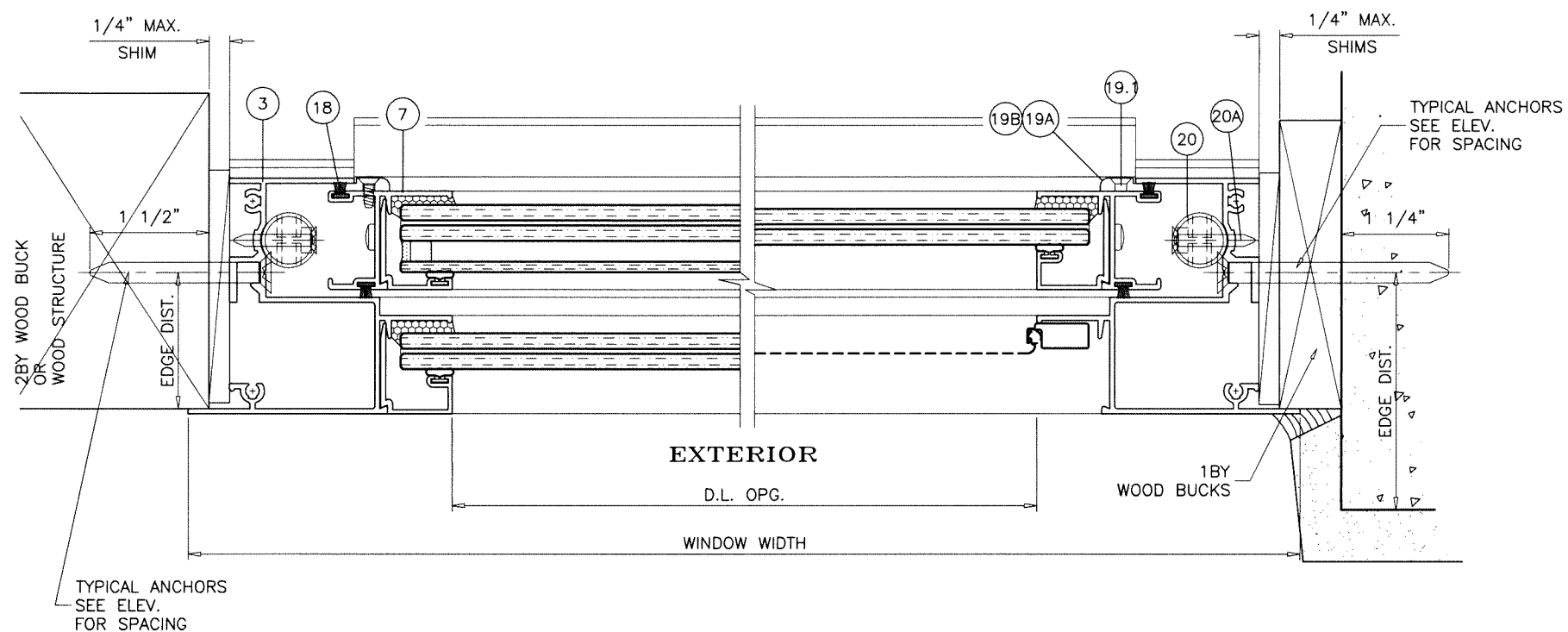
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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C.A.N. 3538

MC-200 ALUM SINGLE HUNG WINDOW (S.M.I.)
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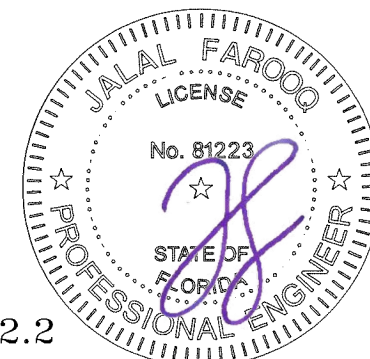
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W16-21
sheet 3 of 7



Sealed: 8/14/2026



FL #20352.2

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9360 SUNSET DRIVE, SUITE 220
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COMP-ANL W16-21MG

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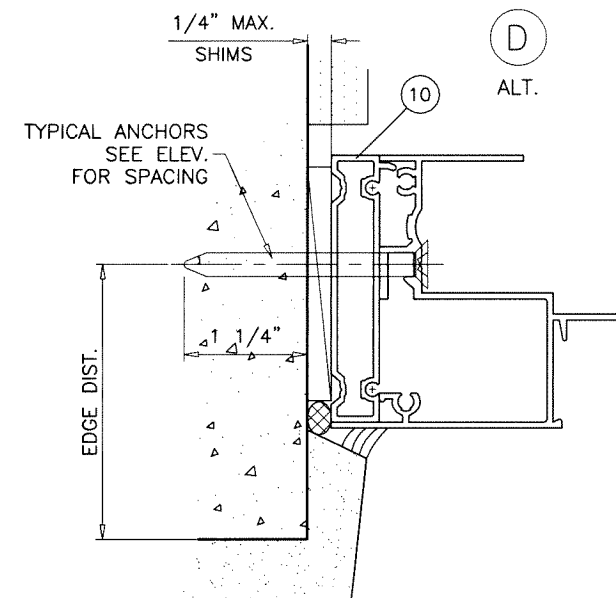
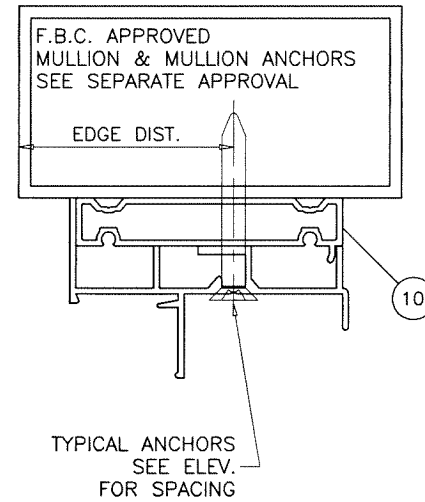
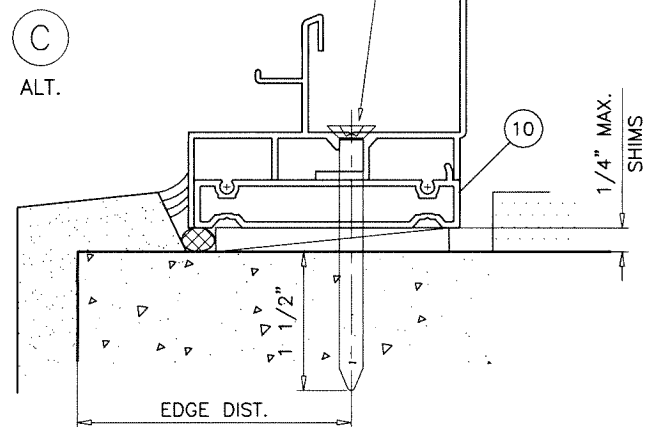
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chk. by:

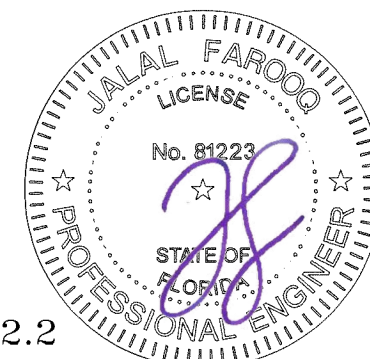
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W16-21

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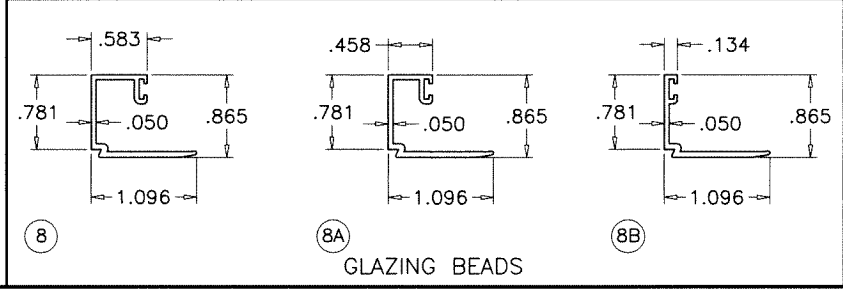
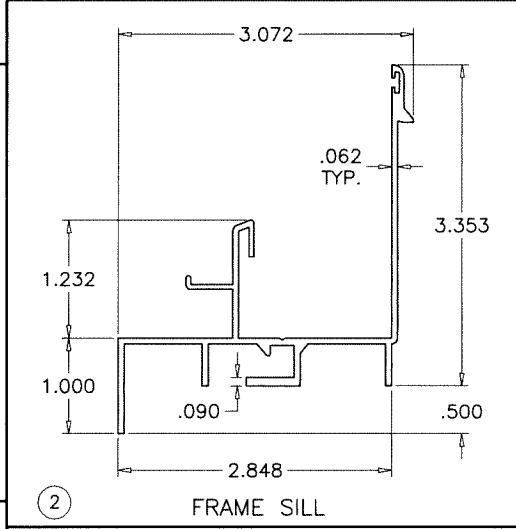
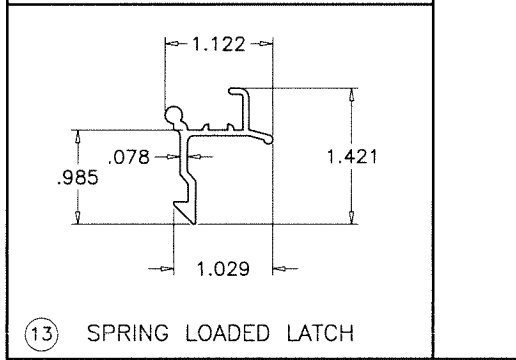
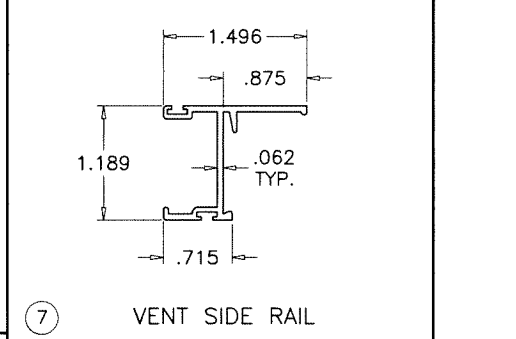
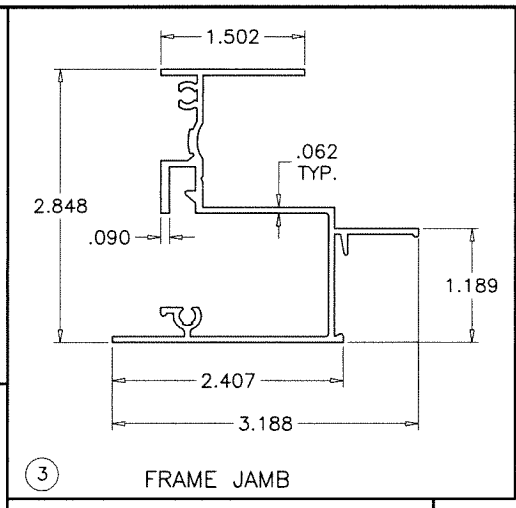
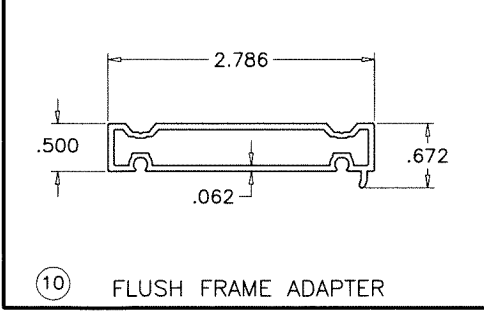
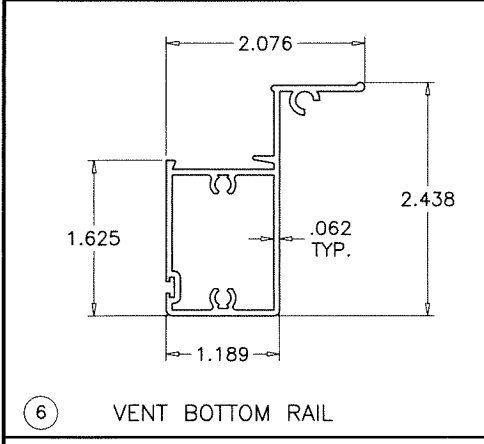
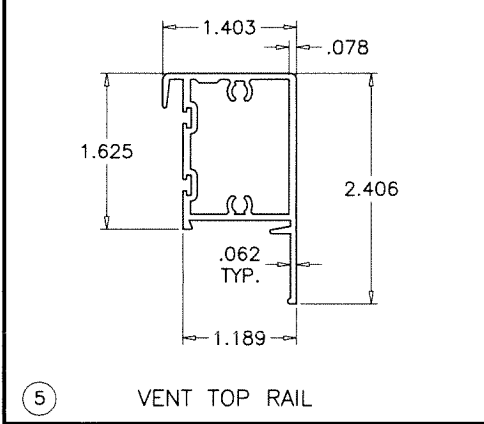
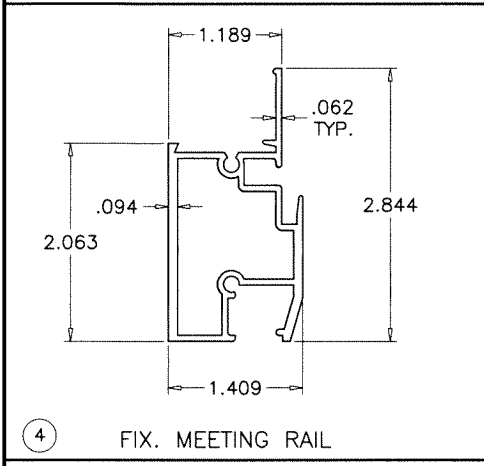
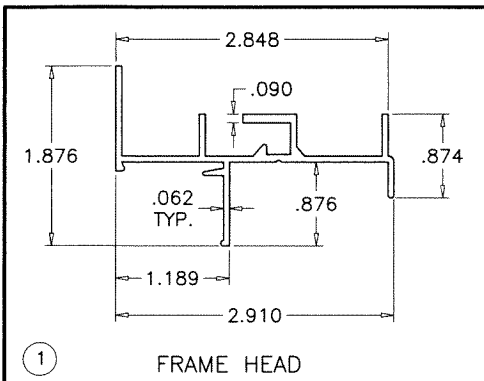


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(C.A.N. 3538)

MG-200 ALUM SINGLE HUNG WINDOW (S.M.I.)

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

[illegible]



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	MG201	1	FRAME HEAD	6063-T6	-
2	MG202	1	FRAME SILL	6063-T6	-
3	MG203	2	FRAME JAMB	6063-T6	-
4	MG204	1	FIXED MTG. RAIL	6063-T6	-
5	MG205	1	VENT TOP RAIL	6063-T6	-
6	MG206	1	VENT BOTTOM RAIL	6063-T6	-
7	MG207	2	VENT SIDE RAIL	6063-T6	-
8A	MG209	AS REQD.	GLAZING BEAD (7/16" GLASS)	6063-T6	-
8B	MG210	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
9	-	2/ VENT	SASH STOP	6063-T6	-
10	MG212	AS REQD.	FLUSH FRAME ADAPTER	6063-T6	-
11	-	-	-	-	-
12	SL203P	2/ VENT	SWEEP LATCH	ZAMAK	SULLIVAN & ASSOC.
12A	#8 X 5/8"	2/ LATCH	LATCH INST. SCREWS	ST. STEEL	OH SMS
13	MG211	2/ VENT	SPRING LOADED LATCH	6063-T6	ALTERNATE TO SWEEP LATCH
13A	-	2/ LATCH	LATCH SPRING	ST. STEEL	-
14	#10 X 1"	AS REQD.	FRAME & VENT ASSEMBLY SCREWS	CRS	PH SMS
16	E202	AS REQD.	GLAZING BEAD BULB	NEOPRENE	ULTRAFAB
18	W73231NK000B	AS REQD.	SIDE RAIL FIN SEAL W'STRIPPING	-	ULTRAFAB
19A	MG221	2/ VENT	VENT BOTTOM GUIDE	CELCON	M&M PLASTICS
19B	MG222	2/ VENT	VENT TOP GUIDE	CELCON	M&M PLASTICS
19.1	#6 X 5/8"	1/ GUIDE	SASH GUIDE INST. SCREW	CRS	FH SMS TYPE B
20	SL-14A-044	2/ VENT	ULTRALIFT SPIRAL BALANCE	-	CALDWELL
20A	#10 X 1-1/4"	1/ BALANCE	BALANCE INST. SCREW	-	OH SMS TYPE B
22	-	1	5/16" BOX SCREEN	-	OPTIONAL
23	-	2/ LITE	SETTING BLOCK AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
24	-	2	HI-FLOW WEEPER	-	PREFERRED ENGINEERING PRODUCTS

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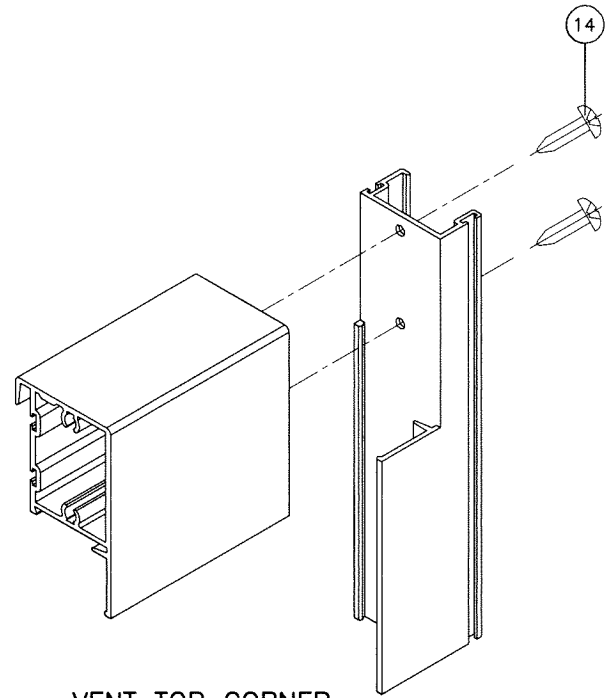


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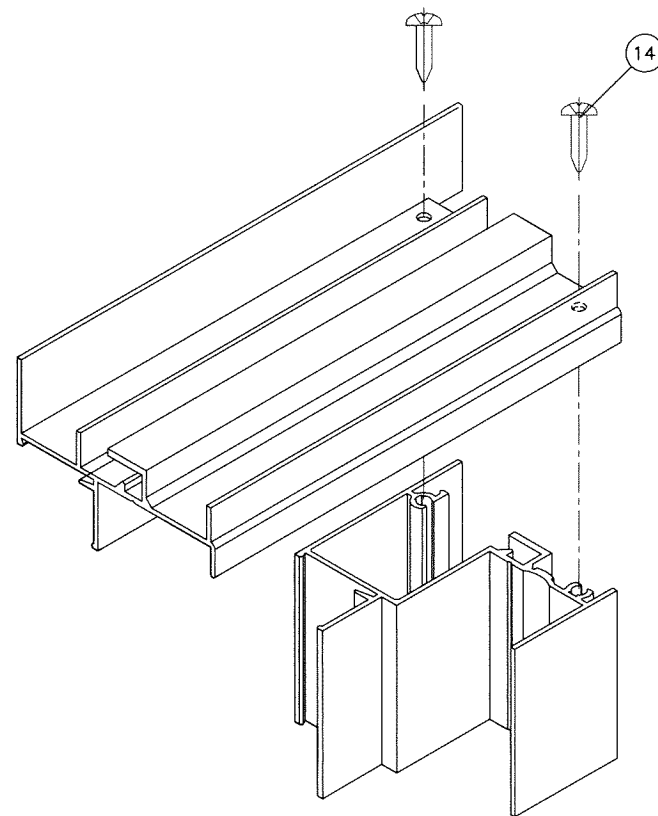
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AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W16-21 MG

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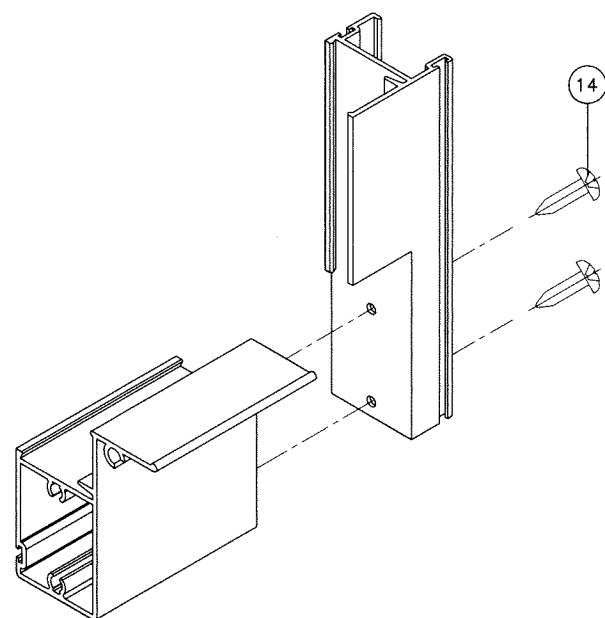
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W16-21
sheet 6 of 7



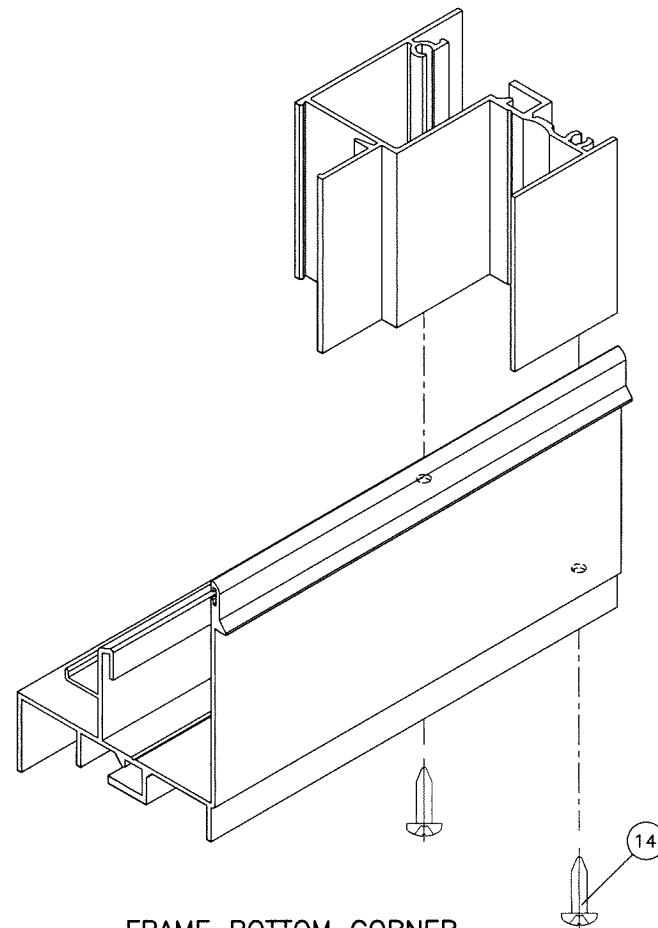
VENT TOP CORNER



FRAME TOP CORNER

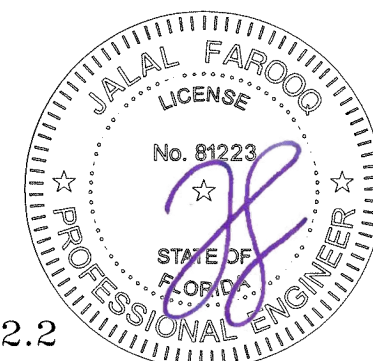


VENT BOTTOM CORNER



FRAME BOTTOM CORNER

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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\W16-21MG
MG-200 ALUM SINGLE HUNG WINDOW (S.M.I.)		MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC 8051 N.W. 79th Place Medley, FL. 33166 Tel. (305) 764-3963 Fax. (305) 470-8285		
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sheet 7 of 7				