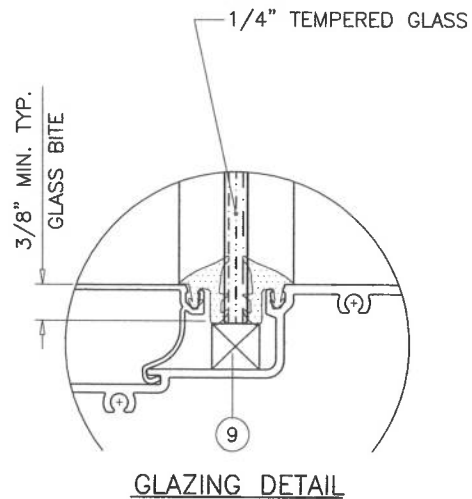
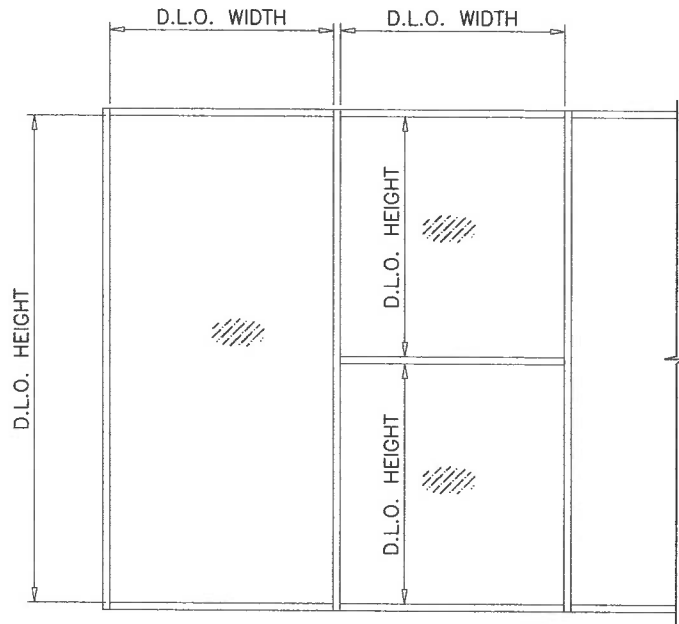


DESIGN LOAD CAPACITY – PSF		
NOMINAL DIMS.		1/4" TEMP. GL.
D.L.O. WIDTH	D.L.O. HEIGHT	EXT.(+) & INT.(–)
24"	72"	120.0
28"		120.0
32"		120.0
36"		120.0
40"		120.0
44"		120.0
48"		120.0
52"		120.0
56"		120.0
60"		120.0
64"		120.0
68"		120.0
72"		120.0
24"	78"	120.0
28"		120.0
32"		120.0
36"		120.0
40"		120.0
44"		120.0
48"		120.0
52"		120.0
56"		120.0
60"		120.0
64"		120.0
68"		120.0
24"	84"	120.0
28"		120.0
32"		120.0
36"		120.0
40"		120.0
44"		120.0
48"		120.0
52"		120.0
56"		120.0
60"		120.0
64"		120.0
24"	90"	120.0
28"		120.0
32"		120.0
36"		120.0
40"		120.0
44"		120.0
48"		120.0
52"		120.0
56"		120.0

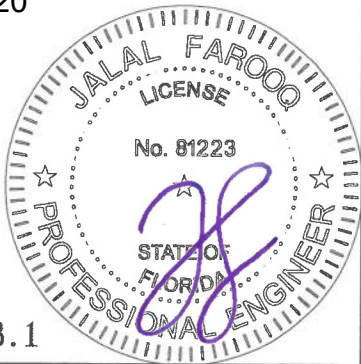
DESIGN LOAD CAPACITY – PSF		
NOMINAL DIMS.		1/4" TEMP. GL.
D.L.O. WIDTH	D.L.O. HEIGHT	EXT.(+) & INT.(–)
24"	96"	120.0
28"		120.0
32"		120.0
36"		120.0
40"		115.2
44"		113.2
48"		112.6
52"		111.1
56"		110.6
24"	102"	120.0
28"		120.0
32"		120.0
36"		115.2
40"		107.0
44"		105.0
48"		103.9
52"		102.4
24"	108"	120.0
28"		120.0
32"		120.0
36"		110.1
40"		100.9
44"		97.8
48"		96.8
24"	114"	120.0
28"		120.0
32"		120.0
36"		120.0
40"		106.0
44"		95.7
24"	120"	120.0
28"		120.0
32"		120.0
36"		120.0
40"		102.9
44"		92.2
24"	126"	120.0
28"		120.0
32"		120.0
36"		119.8
40"		100.9
24"	132"	120.0
28"		120.0
32"		120.0
36"		117.8
40"		98.8
24"	144"	120.0
28"		120.0
32"		120.0
36"		113.7



NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS).

GLASS CAPACITY CHART

Sealed: 7/24/2020



FL #25948.1

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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SERIES SM-45 ALUMINUM STOREFRONT SYSTEM (N.I.)

Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888-6288 FAX. (305) 888-6289

revisions:

no	date	by	description

date: 01-05-18

scale: --

dr. by: TARIQ

chk. by:

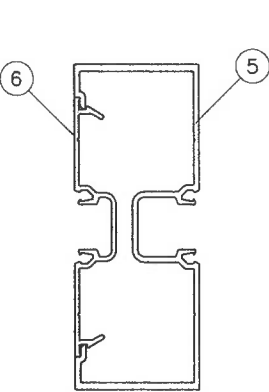
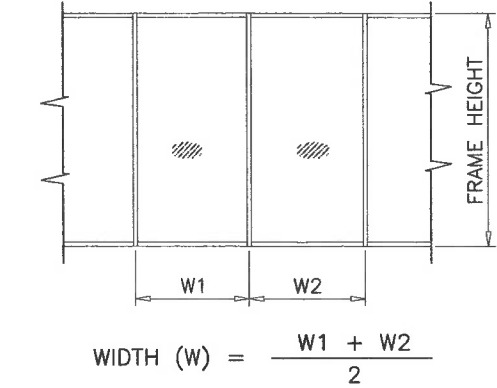
drawing no.
18-09F

sheet 2 of 11

STORE\18-09FSM

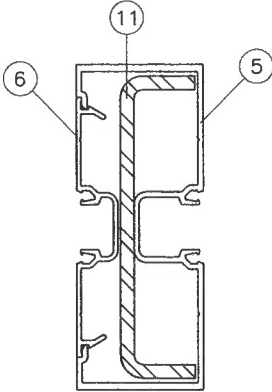
MULLION LOAD CAPACITY - PSF WITHOUT INTERMEDIATE HORIZONTALS					
NOMINAL DIMS.		WITHOUT REINFORCING		WITH REINFORCING	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	60"	80.0	120.0	80.0	120.0
30"		80.0	120.0	80.0	120.0
36"		80.0	120.0	80.0	120.0
42"		80.0	120.0	80.0	120.0
48"		80.0	120.0	80.0	120.0
54"		80.0	120.0	80.0	120.0
60"		80.0	120.0	80.0	120.0
72"		80.0	120.0	80.0	120.0
24"	66"	80.0	120.0	80.0	120.0
30"		80.0	120.0	80.0	120.0
36"		80.0	120.0	80.0	120.0
42"		80.0	120.0	80.0	120.0
48"		80.0	114.4	80.0	120.0
54"		80.0	108.0	80.0	120.0
60"		80.0	104.3	80.0	120.0
72"		80.0	103.0	80.0	120.0
24"	72"	80.0	120.0	80.0	120.0
30"		80.0	120.0	80.0	120.0
36"		80.0	114.4	80.0	120.0
42"		80.0	101.3	80.0	120.0
48"		80.0	92.3	80.0	120.0
54"		80.0	86.1	80.0	120.0
60"		80.0	82.0	80.0	120.0
72"		79.7	79.7	80.0	120.0
24"	78"	80.0	120.0	80.0	120.0
30"		80.0	112.1	80.0	120.0
36"		80.0	95.6	80.0	120.0
42"		80.0	84.2	80.0	120.0
48"		76.2	76.2	80.0	120.0
54"		70.5	70.5	80.0	120.0
60"		66.5	66.5	80.0	120.0
72"		63.8	63.8	80.0	120.0
24"	84"	80.0	117.5	80.0	120.0
30"		80.0	95.5	80.0	120.0
36"		80.0	81.1	80.0	120.0
42"		71.1	71.1	80.0	120.0
48"		64.0	64.0	80.0	120.0
54"		58.8	58.8	80.0	117.4
60"		55.1	55.1	80.0	109.9
66"		52.3	52.3	80.0	104.4
24"	90"	80.0	101.4	80.0	120.0
30"		80.0	82.2	80.0	120.0
36"		69.6	69.6	80.0	120.0
42"		60.9	60.9	80.0	120.0
48"		54.6	54.6	80.0	109.6
54"		49.9	49.9	80.0	100.2
60"		46.4	46.4	80.0	93.2

MULLION LOAD CAPACITY - PSF WITHOUT INTERMEDIATE HORIZONTALS					
NOMINAL DIMS.		WITHOUT REINFORCING		WITH REINFORCING	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	96"	80.0	87.0	80.0	120.0
30"		70.6	70.6	80.0	120.0
36"		59.9	59.9	80.0	120.0
42"		52.4	52.4	80.0	106.5
48"		47.0	47.0	80.0	95.1
54"		42.9	42.9	80.0	86.6
60"		39.7	39.7	80.0	80.2
24"	102"	72.3	72.3	80.0	120.0
30"		58.6	58.6	80.0	120.0
36"		49.6	49.6	80.0	107.5
42"		43.3	43.3	80.0	93.6
48"		38.7	38.7	80.0	83.4
24"	108"	60.8	60.8	80.0	120.0
30"		49.2	49.2	80.0	113.3
36"		41.5	41.5	80.0	95.5
42"		36.2	36.2	80.0	83.0
48"		32.3	32.3	73.8	73.8
24"	114"	51.6	51.6	80.0	120.0
30"		41.7	41.7	80.0	101.4
36"		35.2	35.2	80.0	85.4
42"		30.6	30.6	74.1	74.1
48"		27.2	27.2	65.7	65.7
24"	120"	44.2	44.2	80.0	113.4
30"		35.6	35.6	80.0	91.4
36"		30.0	30.0	76.8	76.8
42"		26.1	26.1	66.5	66.5
48"		23.2	23.2	59.0	59.0
24"	126"	38.1	38.1	80.0	102.7
30"		30.7	30.7	80.0	82.7
36"		25.9	25.9	69.5	69.5
42"		22.4	22.4	60.1	60.1
24"	132"	33.1	33.1	80.0	93.5
30"		26.7	26.7	75.2	75.2
36"		22.4	22.4	63.2	63.2
42"		-	-	54.6	54.6
24"	138"	28.9	28.9	80.0	85.5
30"		23.3	23.3	68.7	68.7
36"		-	-	57.7	57.7
24"	144"	25.4	25.4	78.4	78.4
30"		20.5	20.5	63.1	63.1
36"		-	-	52.9	52.9



MULLION
W/O REINFORCING

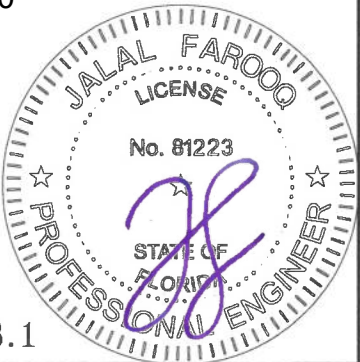
Ix IN^4	Sx IN^3
2.9100	1.2932



MULLION
W/ REINFORCING

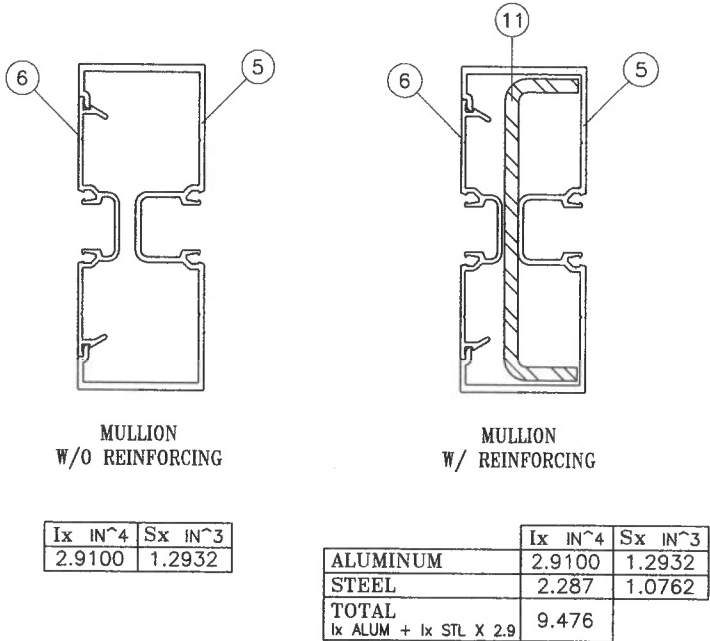
	Ix IN^4	Sx IN^3
ALUMINUM	2.9100	1.2932
STEEL	2.287	1.0762
TOTAL Ix ALUM + Ix STL X 2.9	9.476	

Sealed: 7/24/2020



MULLION LOAD CAPACITY – PSF WITH INTERMEDIATE HORIZONTALS					
NOMINAL DIMS.		WITHOUT REINFORCING		WITH REINFORCING	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
24"	60"	80.0	120.0	80.0	120.0
30"		80.0	120.0	80.0	120.0
36"		80.0	120.0	80.0	120.0
42"		80.0	120.0	80.0	120.0
48"		80.0	115.0	80.0	120.0
54"		80.0	102.2	80.0	120.0
60"		80.0	92.0	80.0	120.0
66"		80.0	83.6	80.0	120.0
72"		76.6	76.6	80.0	120.0
24"	66"	80.0	120.0	80.0	120.0
30"		80.0	120.0	80.0	120.0
36"		80.0	120.0	80.0	120.0
42"		80.0	120.0	80.0	120.0
48"		80.0	107.9	80.0	120.0
54"		80.0	94.4	80.0	120.0
60"		80.0	83.9	80.0	120.0
66"		75.5	75.5	80.0	120.0
72"		68.6	68.6	80.0	120.0
24"	72"	80.0	120.0	80.0	120.0
30"		80.0	120.0	80.0	120.0
36"		80.0	120.0	80.0	120.0
42"		80.0	105.1	80.0	120.0
48"		80.0	90.1	80.0	120.0
54"		78.8	78.8	80.0	120.0
60"		70.0	70.0	80.0	120.0
66"		63.0	63.0	80.0	120.0
72"		57.3	57.3	80.0	113.0
24"	78"	80.0	120.0	80.0	120.0
30"		80.0	106.8	80.0	120.0
36"		80.0	89.0	80.0	120.0
42"		76.3	76.3	80.0	120.0
48"		66.7	66.7	80.0	120.0
54"		59.3	59.3	80.0	117.6
60"		53.4	53.4	80.0	105.9
66"		48.5	48.5	80.0	96.2
72"		44.5	44.5	80.0	88.2
24"	84"	80.0	114.4	80.0	120.0
30"		80.0	91.5	80.0	120.0
36"		76.3	76.3	80.0	120.0
42"		65.4	65.4	80.0	120.0
48"		57.2	57.2	80.0	114.1
54"		50.8	50.8	80.0	101.4
60"		45.8	45.8	80.0	91.3
66"		41.6	41.6	80.0	83.0
24"	90"	80.0	99.1	80.0	120.0
30"		79.2	79.2	80.0	120.0
36"		66.0	66.0	80.0	120.0
42"		56.6	56.6	80.0	113.6
48"		49.5	49.5	80.0	99.4
54"		44.0	44.0	80.0	88.4
60"		39.6	39.6	79.5	79.5

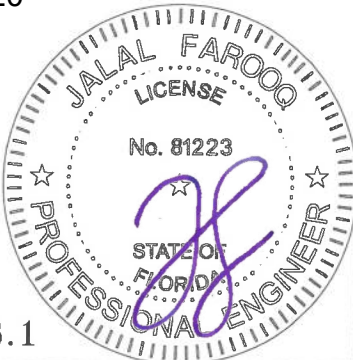
MULLION LOAD CAPACITY – PSF WITH INTERMEDIATE HORIZONTALS					
NOMINAL DIMS.		WITHOUT REINFORCING		WITH REINFORCING	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
24"	96"	80.0	85.0	80.0	120.0
30"		68.0	68.0	80.0	120.0
36"		56.7	56.7	80.0	116.5
42"		48.6	48.6	80.0	99.8
48"		42.5	42.5	80.0	87.4
54"		37.8	37.8	77.7	77.7
60"		34.0	34.0	69.9	69.9
24"	102"	70.9	70.9	80.0	120.0
30"		56.7	56.7	80.0	120.0
36"		47.3	47.3	80.0	103.2
42"		40.5	40.5	80.0	88.4
54"		31.5	31.5	68.8	68.8
24"	108"	59.7	59.7	80.0	120.0
30"		47.8	47.8	80.0	110.4
36"		39.8	39.8	80.0	92.0
42"		34.1	34.1	78.9	78.9
48"		29.9	29.9	69.0	69.0
24"	114"	50.8	50.8	80.0	120.0
30"		40.6	40.6	80.0	99.1
36"		33.9	33.9	80.0	82.6
42"		29.0	29.0	70.8	70.8
48"		25.4	25.4	62.0	62.0
24"	120"	43.5	43.5	80.0	111.8
30"		34.8	34.8	80.0	89.5
36"		29.0	29.0	74.5	74.5
42"		24.9	24.9	63.9	63.9
48"		21.8	21.8	55.9	55.9
24"	126"	37.6	37.6	80.0	101.4
30"		30.1	30.1	80.0	81.1
36"		25.1	25.1	67.6	67.6
42"		21.5	21.5	58.0	58.0
24"	132"	32.7	32.7	80.0	92.4
30"		26.2	26.2	73.9	73.9
36"		21.8	21.8	61.6	61.6
42"		–	–	52.8	52.8
24"	138"	28.6	28.6	80.0	84.6
30"		22.9	22.9	67.6	67.6
36"		–	–	56.4	56.4
24"	144"	25.2	25.2	77.7	77.7
30"		20.2	20.2	62.1	62.1
36"		–	–	51.8	51.8



MULLION CAPACITY CHART

FL #25948.1

Sealed: 7/24/2020



AL-FAROOQ CORPORATION
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STORE 18-09FSM

SERIES SM-45 ALUMINUM STOREFRONT SYSTEM (N.I.)

Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888-6288 FAX. (305) 888-6289

revisions:

no	date	by	description

date: 01-05-18

scale: --

dr. by: TARIQ

chk. by: --

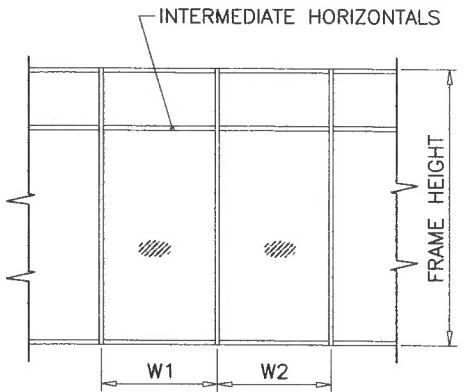
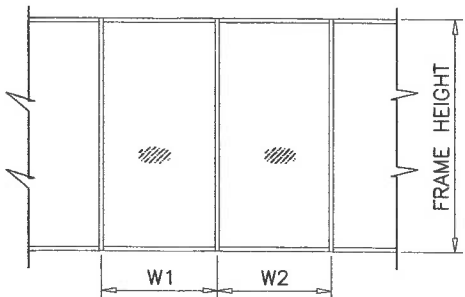
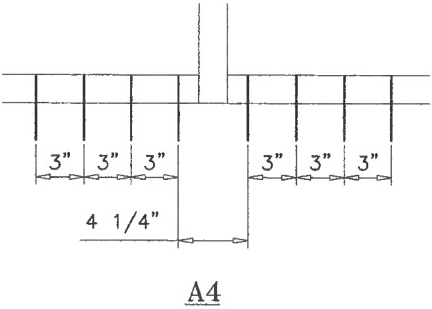
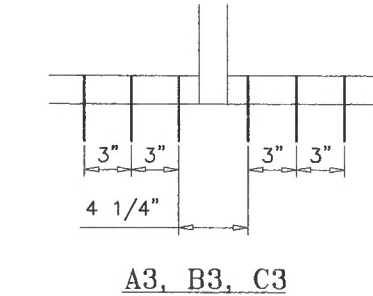
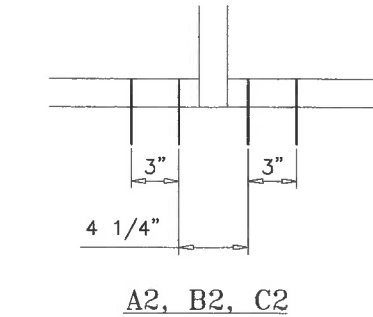
drawing no.

18-09F

sheet 4 of 11

ANCHOR LOAD CAPACITY – PSF EXT.(+) & INT.(–)						
NOMINAL DIMS.		ANCHORS TYPE 'A'			TYPE 'B' & 'C'	
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2/C2	B3/C3
24"	60"	120.0	120.0	120.0	120.0	120.0
30"		120.0	120.0	120.0	120.0	120.0
36"		120.0	120.0	120.0	120.0	120.0
42"		103.0	120.0	120.0	120.0	120.0
48"		108.0	120.0	120.0	120.0	120.0
54"		96.0	120.0	120.0	120.0	120.0
60"		101.0	115.0	120.0	120.0	120.0
72"		92.0	118.0	120.0	120.0	120.0
24"	66"	84.0	108.0	120.0	120.0	120.0
30"		120.0	120.0	120.0	120.0	120.0
36"		120.0	120.0	120.0	120.0	120.0
42"		109.0	120.0	120.0	120.0	120.0
48"		94.0	120.0	120.0	120.0	120.0
54"		98.0	115.0	120.0	120.0	120.0
60"		87.0	116.0	120.0	120.0	120.0
72"		92.0	105.0	120.0	120.0	120.0
24"	72"	83.0	107.0	120.0	120.0	120.0
30"		76.0	98.0	120.0	120.0	120.0
36"		120.0	120.0	120.0	120.0	120.0
42"		120.0	120.0	120.0	120.0	120.0
48"		100.0	120.0	120.0	120.0	120.0
54"		86.0	120.0	120.0	120.0	120.0
60"		90.0	105.0	120.0	120.0	120.0
72"		80.0	107.0	120.0	120.0	120.0
24"	78"	84.0	96.0	120.0	120.0	120.0
30"		76.0	98.0	109.0	120.0	120.0
36"		120.0	120.0	120.0	120.0	120.0
42"		120.0	120.0	120.0	120.0	120.0
48"		79.0	111.0	120.0	120.0	120.0
54"		83.0	97.0	120.0	120.0	120.0
60"		74.0	98.0	111.0	120.0	120.0
72"		78.0	89.0	111.0	120.0	120.0
24"	84"	70.0	91.0	101.0	120.0	120.0
30"		65.0	83.0	102.0	110.0	120.0
36"		120.0	120.0	120.0	120.0	120.0
42"		120.0	120.0	120.0	120.0	120.0
48"		86.0	120.0	120.0	120.0	120.0
54"		73.0	103.0	120.0	120.0	120.0
60"		77.0	90.0	116.0	120.0	120.0
66"		69.0	91.0	103.0	117.0	120.0
24"	90"	72.0	82.0	103.0	120.0	120.0
30"		65.0	84.0	94.0	111.0	120.0
36"		120.0	120.0	120.0	120.0	120.0
42"		80.0	112.0	120.0	120.0	120.0
48"		69.0	96.0	120.0	117.0	120.0
54"		72.0	84.0	108.0	120.0	120.0
60"		64.0	85.0	96.0	109.0	120.0
66"		67.0	77.0	96.0	114.0	120.0

ANCHOR LOAD CAPACITY – PSF EXT.(+) & INT.(–)						
NOMINAL DIMS.		ANCHORS TYPE 'A'			TYPE 'B' & 'C'	
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2/C2	B3/C3
24"	96"	113.0	120.0	120.0	120.0	120.0
30"		90.0	120.0	120.0	120.0	120.0
36"		75.0	105.0	120.0	120.0	120.0
42"		64.0	90.0	116.0	109.0	120.0
48"		68.0	79.0	101.0	115.0	120.0
54"		60.0	80.0	90.0	102.0	120.0
60"		63.0	72.0	90.0	107.0	120.0
24"	102"	106.0	120.0	120.0	120.0	120.0
30"		85.0	119.0	120.0	120.0	120.0
36"		71.0	99.0	120.0	120.0	120.0
42"		61.0	85.0	109.0	103.0	120.0
48"		64.0	74.0	95.0	108.0	120.0
54"		56.0	75.0	85.0	96.0	120.0
24"	108"	100.0	120.0	120.0	120.0	120.0
30"		80.0	112.0	120.0	120.0	120.0
36"		67.0	93.0	120.0	113.0	120.0
42"		57.0	80.0	103.0	97.0	120.0
48"		60.0	70.0	90.0	102.0	119.0
24"	114"	95.0	120.0	120.0	120.0	120.0
30"		76.0	106.0	120.0	120.0	120.0
36"		63.0	88.0	114.0	107.0	120.0
42"		54.0	76.0	97.0	92.0	120.0
48"		57.0	66.0	85.0	97.0	113.0
24"	120"	90.0	120.0	120.0	120.0	120.0
30"		72.0	101.0	120.0	120.0	120.0
36"		60.0	84.0	108.0	102.0	120.0
42"		51.0	72.0	93.0	87.0	120.0
48"		54.0	63.0	81.0	92.0	107.0
24"	126"	86.0	120.0	120.0	120.0	120.0
30"		69.0	96.0	120.0	117.0	120.0
36"		69.0	80.0	103.0	97.0	120.0
42"		49.0	69.0	88.0	83.0	117.0
24"	132"	82.0	115.0	120.0	120.0	120.0
30"		65.0	92.0	118.0	111.0	120.0
36"		55.0	76.0	98.0	93.0	120.0
42"		47.0	65.0	84.0	79.0	111.0
24"	138"	78.0	110.0	120.0	120.0	120.0
30"		63.0	88.0	113.0	106.0	120.0
36"		52.0	73.0	94.0	89.0	120.0
42"		75.0	105.0	120.0	120.0	120.0
24"	144"	60.0	84.0	108.0	102.0	120.0
30"		50.0	70.0	90.0	85.0	119.0
36"						



WIDTH (W) = $\frac{W1 + W2}{2}$

ANCHORS TYPES: SEE SHEET 8 FOR DESCRIPTION

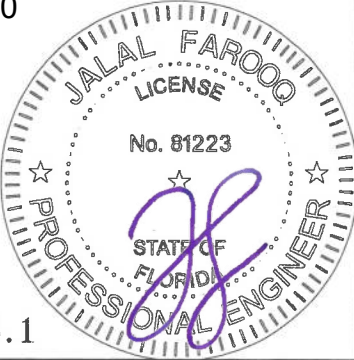
A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
A4 = (4) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION

B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION
B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION

C2 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION
C3 = (3) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

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

SERIES SM-45 ALUMINUM STOREFRONT SYSTEM (N.I.)

Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888-6288 FAX. (305) 888-6289

revisions:

no	date	by	description

date: 01-05-18

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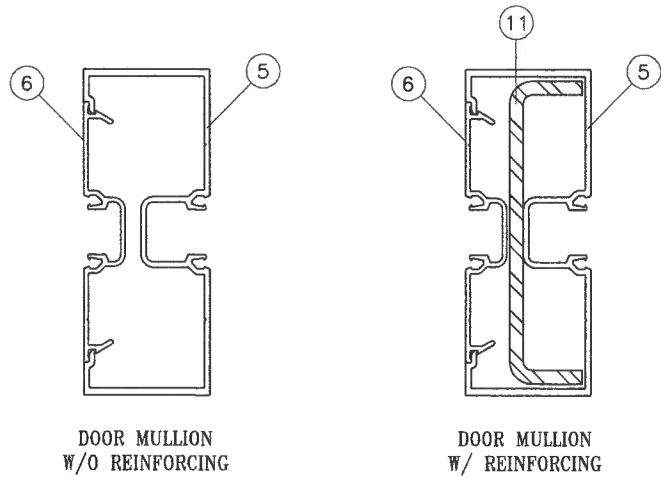
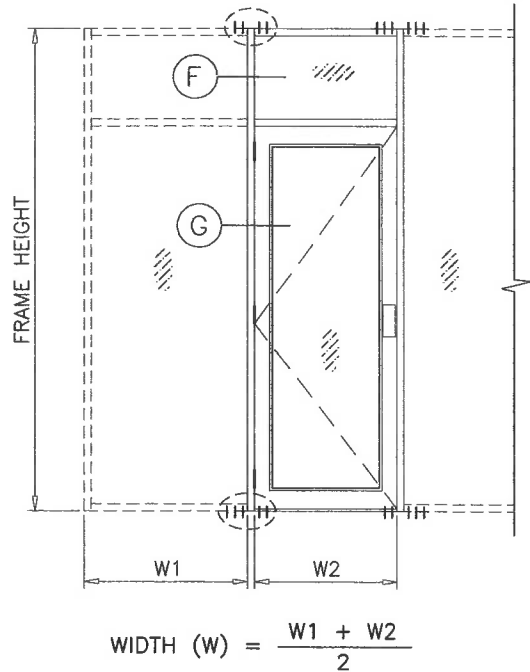
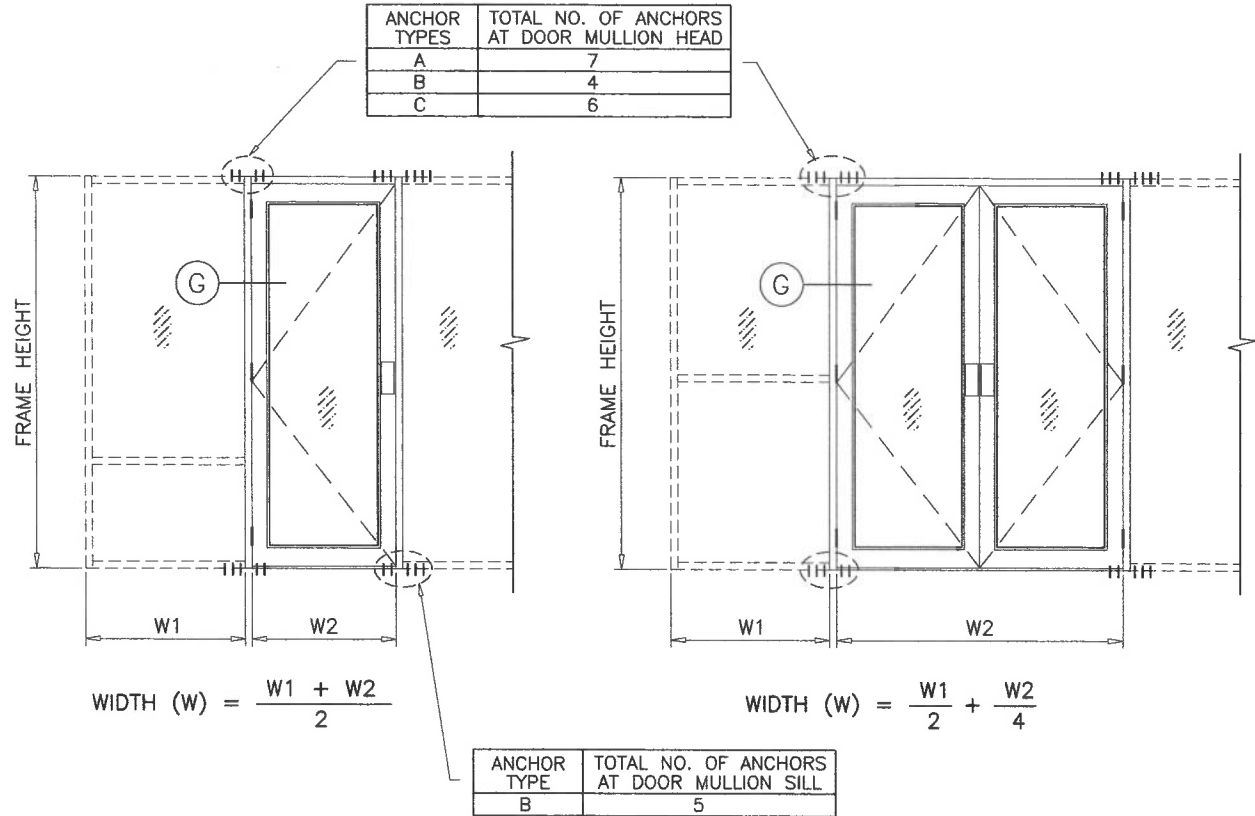
dr. by: TARIQ

chk. by:

drawing no.
18-09F

sheet 5 of 11

DOOR MULLION LOAD CAPACITY-PSF			
WIDTH (W) INCHES	FRAME HEIGHT INCHES	WITHOUT REINF.	WITH REINF.
		EXT.(+) & INT.(-)	EXT.(+) & INT.(-)
30	80	101.3	120.0
36		84.4	120.0
42		72.3	120.0
48		63.3	120.0
54		56.3	111.8
60		50.6	100.6
30	84	91.5	120.0
36		76.3	120.0
42		65.4	120.0
48		57.2	114.1
54		50.8	101.4
60		45.8	91.3
30	90	79.2	120.0
36		66.0	120.0
42		56.6	113.6
48		49.5	99.4
54		44.0	88.4
60		39.6	79.5
30	96	68.0	120.0
36		56.7	116.5
42		48.6	99.8
48		42.5	87.4
54		37.8	77.7
60		34.0	69.9
30	102	56.7	120.0
36		47.3	103.2
42		40.5	88.4
48		35.5	77.4
54		31.5	68.8
60		28.4	61.9
30	108	47.8	110.4
36		39.8	92.0
42		34.1	78.9
48		29.9	69.0
54		26.5	61.4
60		23.9	55.2
30	114	40.6	99.1
36		33.9	82.6
42		29.0	70.8
48		25.4	62.0
54		22.6	55.1
60		20.3	49.6
30	120	34.8	89.5
36		33.9	82.6
42		29.0	70.8
48		21.8	55.9
54		-	49.7
60		-	44.7



Ix IN^4	Sx IN^3
2.9100	1.2932

	Ix IN^4	Sx IN^3
ALUMINUM	2.9100	1.2932
STEEL	2.287	1.0762
TOTAL	9.476	
Ix ALUM + Ix STL X 2.9		

DOOR MULLION CAPACITY CHART

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FL #25948.1



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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SERIES SM-45 ALUMINUM STOREFRONT SYSTEM (N.I.)

Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888-6288 FAX. (305) 888-6289

revisions:

no	date	by	description

date: 01-05-18

scale: -

dr. by: TARIQ

chk. by:

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18-09F

sheet 6 of 11

DOOR MULLION LOAD CAPACITY				
NOMINAL DIMS.				LOADS-PSF
DOOR WIDTH W2	SIDELITE WIDTH W1	DOOR HEIGHT A	FRAME SPAN L	EXT. (+) INT. (-)
60"	30"	80"	90"	120.0
	36"			120.0
	42"			113.8
	48"			106.2
	54"			99.6
72"	30"			118.9
	36"			110.7
	42"			103.5
	48"			97.2
	54"			91.6
60"	30"	80"	96"	109.4
	36"			101.5
	42"			94.6
	48"			88.6
	54"			83.3
72"	30"			97.5
	36"			91.2
	42"			85.6
	48"			80.6
	54"			76.2
60"	30"	80"	102"	92.5
	36"			86.1
	42"			80.5
	48"			75.6
	54"			71.2
72"	30"			82.2
	36"			77.1
	42"			72.6
	48"			68.6
	54"			65.0
60"	30"	80"	108"	79.8
	36"			74.4
	42"			69.7
	48"			65.6
	54"			61.9
72"	30"			70.8
	36"			66.5
	42"			62.7
	48"			59.3
	54"			56.3
60"	30"	80"	114"	69.9
	36"			65.3
	42"			61.2
	48"			57.7
	54"			54.5
72"	30"			61.9
	36"			58.2
	42"			55.0
	48"			52.1
	54"			49.5
60"	30"	80"	120"	61.9
	36"			57.9
	42"			54.4
	48"			51.3
	54"			48.5
72"	30"			54.8
	36"			51.6
	42"			48.8
	48"			46.3

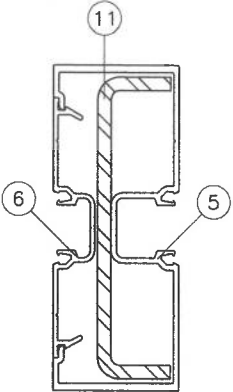
DOOR MULLION LOAD CAPACITY				
NOMINAL DIMS.				LOADS-PSF
DOOR WIDTH W2	SIDELITE WIDTH W1	DOOR HEIGHT A	FRAME SPAN L	EXT. (+) INT. (-)
60"	30"	84"	90"	120.0
	36"			120.0
	42"			120.0
	48"			111.7
	54"			104.3
72"	30"			120.0
	36"			117.9
	42"			109.7
	48"			102.7
	54"			96.4
60"	30"	84"	96"	114.7
	36"			106.0
	42"			98.5
	48"			92.0
	54"			86.4
72"	30"			102.6
	36"			95.6
	42"			89.5
	48"			84.1
	54"			79.3
60"	30"	84"	102"	95.9
	36"			89.0
	42"			83.1
	48"			77.8
	54"			73.2
72"	30"			85.5
	36"			79.9
	42"			75.1
	48"			70.8
	54"			67.0
60"	30"	84"	108"	82.1
	36"			76.4
	42"			71.5
	48"			67.1
	54"			63.3
72"	30"			72.9
	36"			68.4
	42"			64.4
	48"			60.9
	54"			57.7
60"	30"	84"	114"	71.4
	36"			66.6
	42"			62.4
	48"			58.7
	54"			55.4
72"	30"			63.3
	36"			59.5
	42"			56.1
	48"			53.1
	54"			50.4
60"	30"	84"	120"	63.0
	36"			58.9
	42"			55.2
	48"			52.0
	54"			49.2
72"	30"			55.8
	36"			52.5
	42"			49.6
	48"			47.0

DOOR MULLION LOAD CAPACITY				
NOMINAL DIMS.				LOADS-PSF
DOOR WIDTH W2	SIDELITE WIDTH W1	DOOR HEIGHT A	FRAME SPAN L	EXT. (+) INT. (-)
60"	30"	90"	96"	120.0
	36"			114.8
	42"			106.1
	48"			98.6
	54"			92.1
72"	30"			112.7
	36"			104.3
	42"			97.0
	48"			90.7
	54"			85.2
60"	30"	90"	102"	102.5
	36"			94.7
	42"			88.0
	48"			82.1
	54"			77.0
72"	30"			91.8
	36"			85.4
	42"			79.9
	48"			75.1
	54"			70.8
60"	30"	90"	108"	86.4
	36"			80.2
	42"			74.7
	48"			70.0
	54"			65.8
72"	30"			77.1
	36"			72.0
	42"			67.6
	48"			63.7
	54"			60.2
60"	30"	90"	114"	74.4
	36"			69.2
	42"			64.7
	48"			60.7
	54"			57.2
72"	30"			66.1
	36"			62.0
	42"			58.3
	48"			55.1
	54"			52.2
60"	30"	90"	120"	65.1
	36"			60.7
	42"			56.8
	48"			53.4
	54"			50.4
72"	30"			57.7
	36"			54.2
	42"			51.1
	48"			48.4

ANCHOR TYPE	TOTAL NO. OF ANCHORS AT DOOR MULLION SILL
B	5

DOOR MULLION CAPACITY CHART

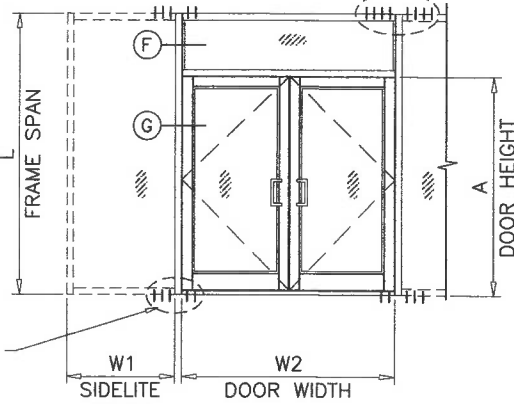
DOOR MULLION LOAD CAPACITY				
NOMINAL DIMS.				LOADS-PSF
DOOR WIDTH W2	SIDELITE WIDTH W1	DOOR HEIGHT A	FRAME SPAN L	EXT. (+) INT. (-)
60"	30"	96"	102"	111.5
	36"			102.3
	42"			94.5
	48"			87.8
	54"			82.0
72"	30"			100.4
	36"			92.9
	42"			86.4
	48"			80.8
	54"			75.8
60"	30"	96"	108"	92.2
	36"			85.1
	42"			79.0
	48"			73.8
	54"			69.1
72"	30"			82.6
	36"			76.9
	42"			71.9
	48"			67.5
	54"			63.6
60"	30"	96"	114"	78.3
	36"			72.6
	42"			67.6
	48"			63.3
	54"			59.5
72"	30"			69.8
	36"			65.3
	42"			61.2
	48"			57.7
	54"			54.5
60"	30"	96"	120"	67.8
	36"			63.0
	42"			58.9
	48"			55.2
	54"			52.0
72"	30"			60.3
	36"			56.5
	42"			53.1
	48"			50.1



DOOR MULLION W/ REINFORCING

ANCHOR TYPES	TOTAL NO. OF ANCHORS AT DOOR MULLION HEAD
A	8
B	5
C	7

	Ix IN^4	Sx IN^3
ALUMINUM	2.9100	1.2932
STEEL	2.287	1.0762
TOTAL Ix ALUM + Ix STL X 2.9	9.4637	



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9360 SUNSET DRIVE, SUITE 220
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FAX. (305) 262-6978

SERIES SM-45 ALUMINUM STOREFRONT SYSTEM (N.I.)

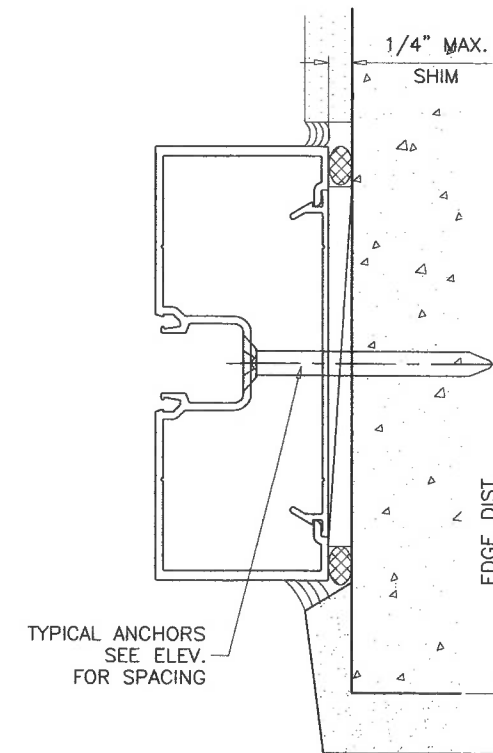
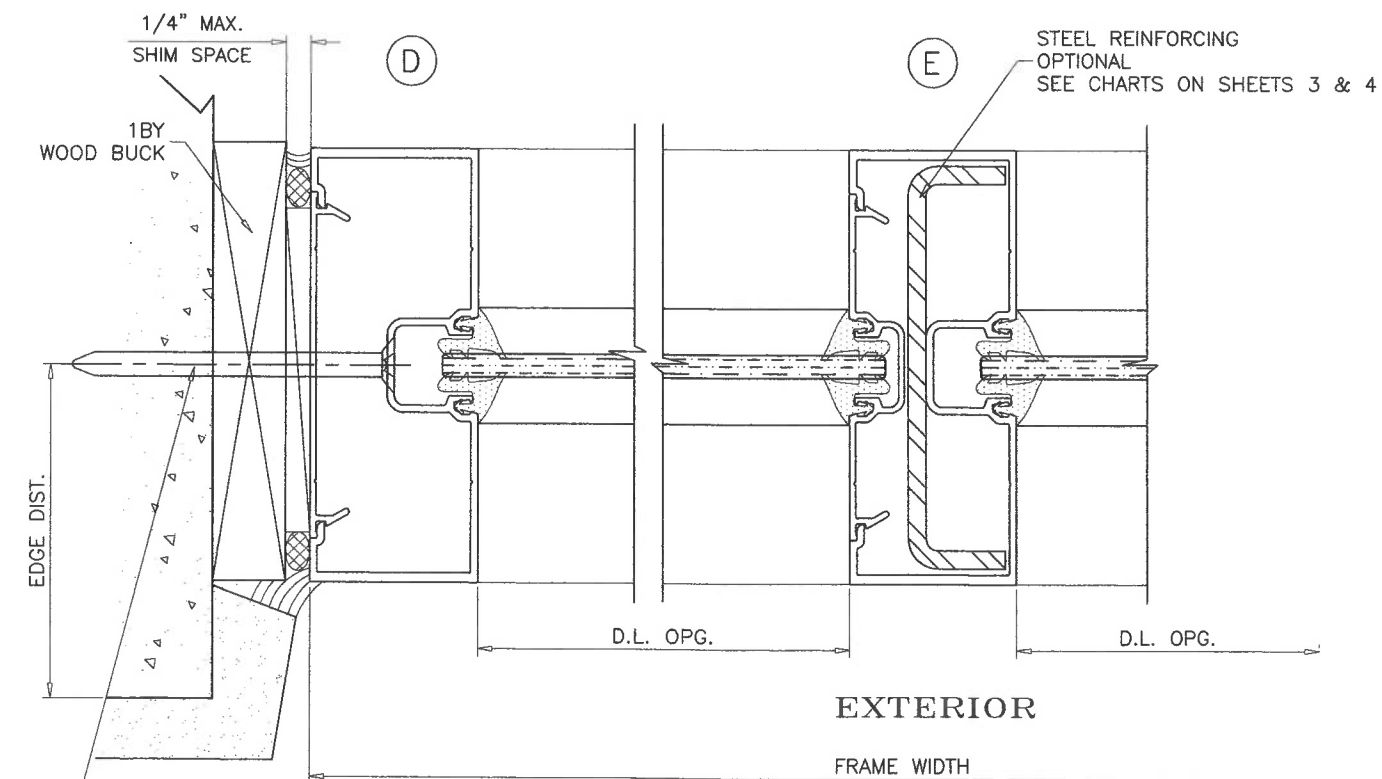
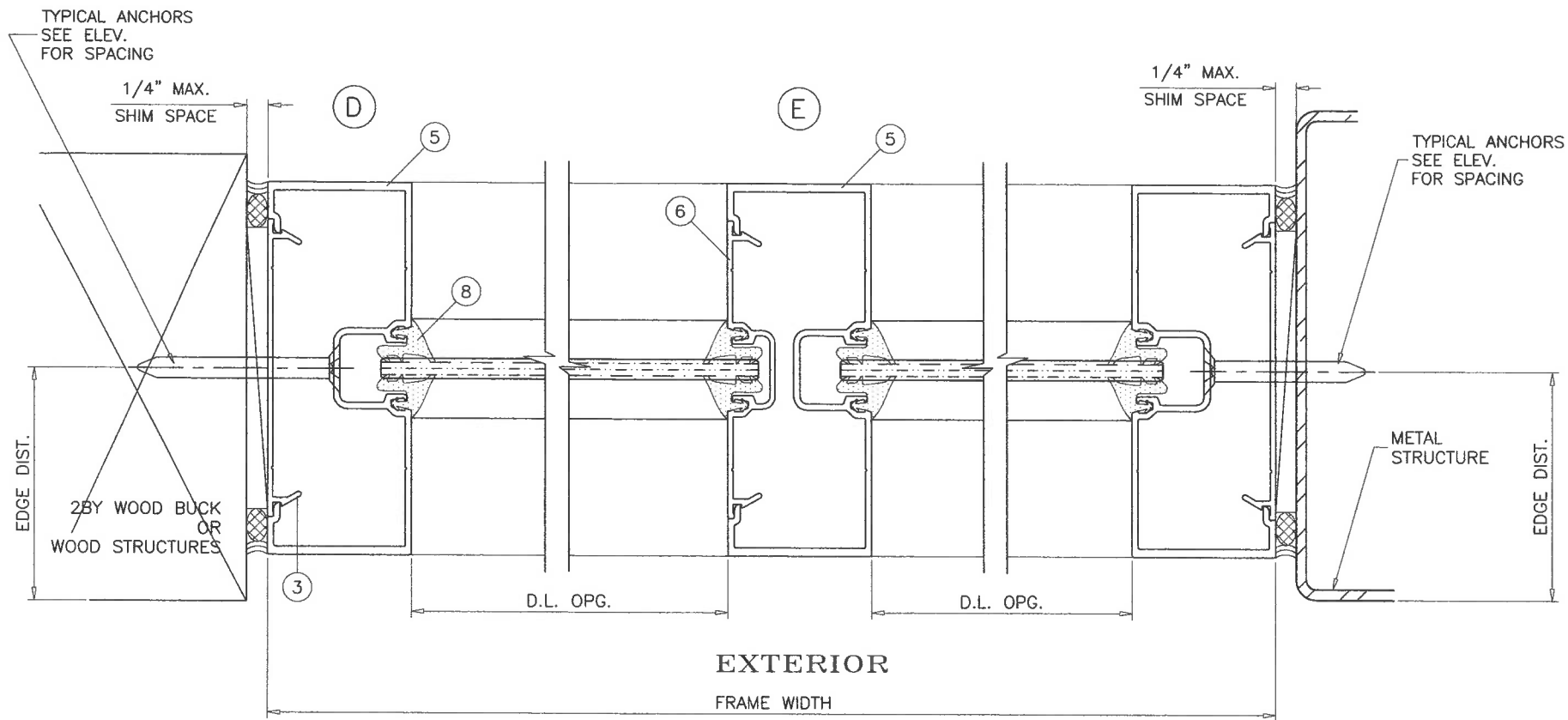
Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL 33025
TEL. (305) 888-6288
FAX. (305) 888-6289

revisions:
no. date by description

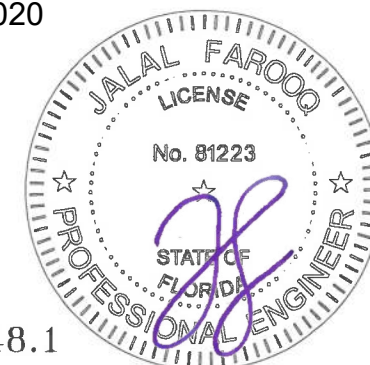
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18-09F
sheet 7 of 11

STORE 18-09FSM



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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

STORE 18-09FSM

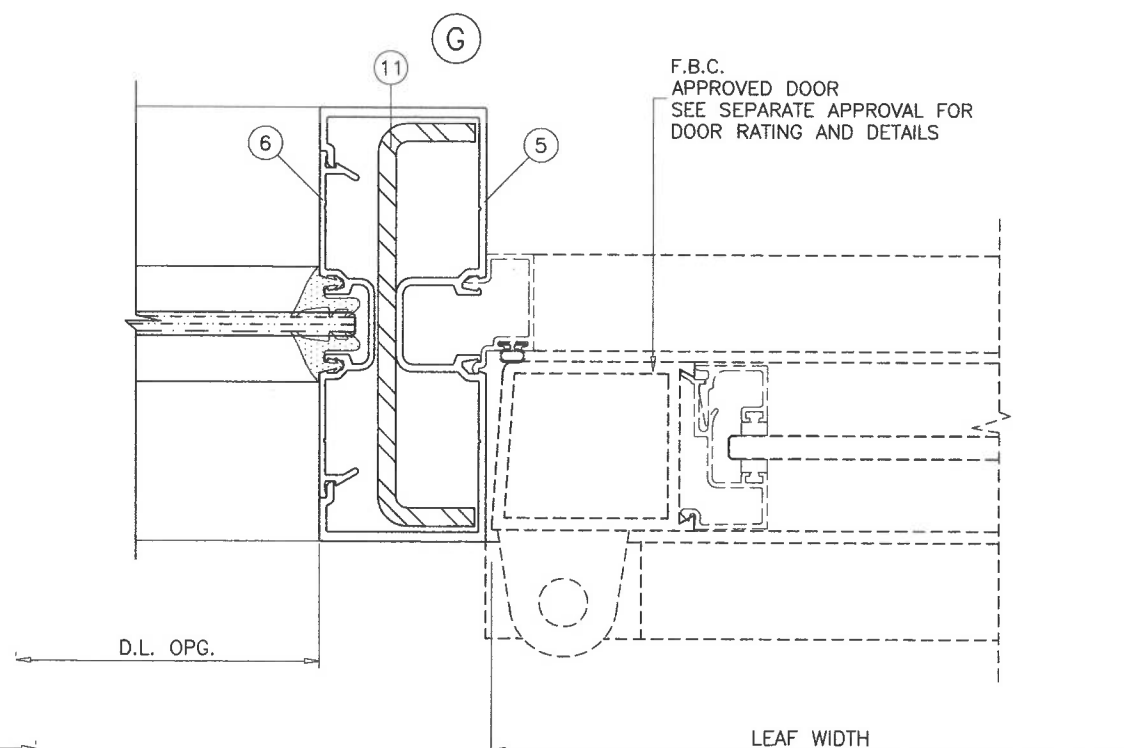
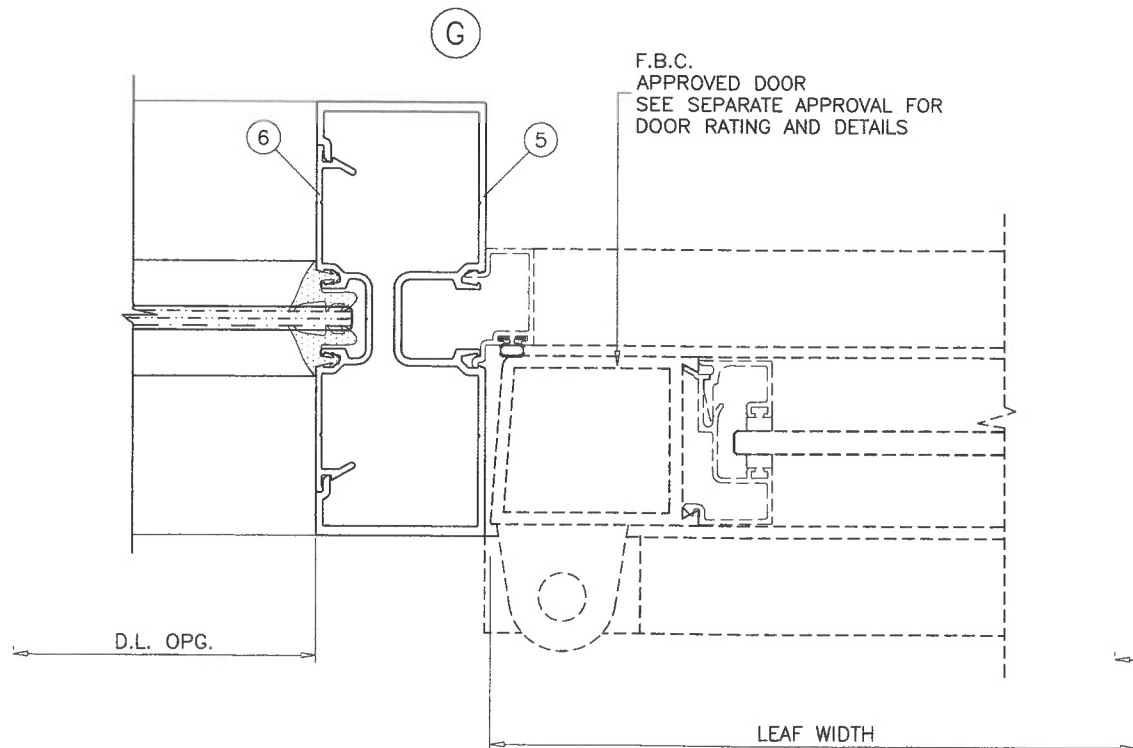
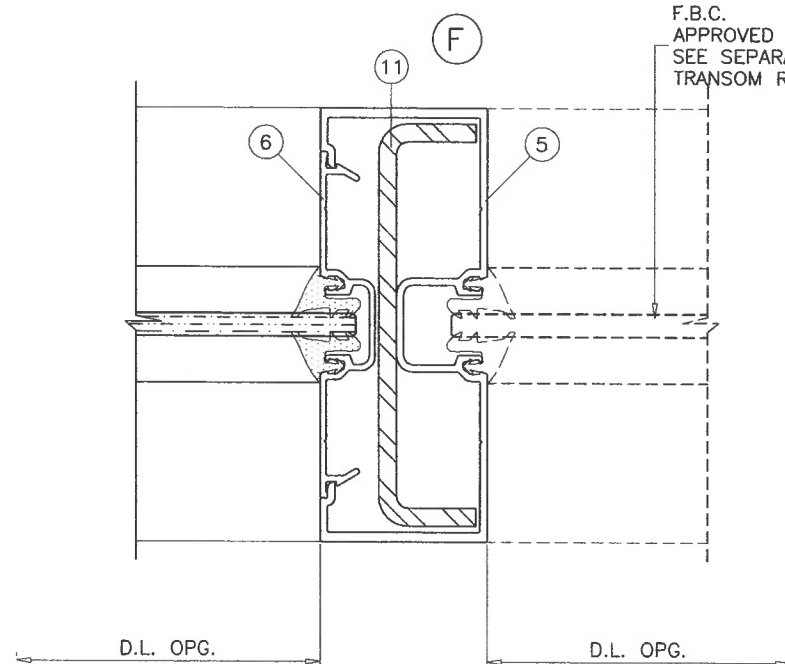
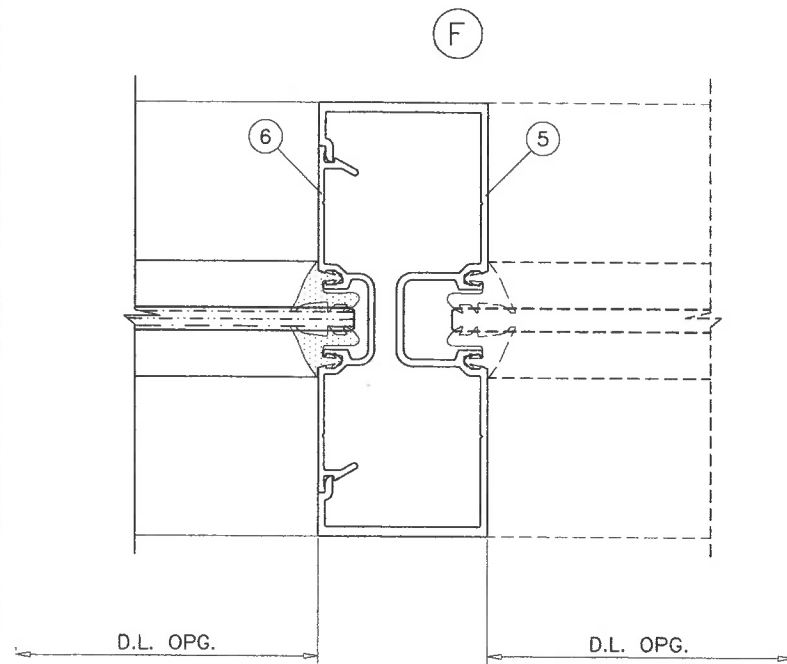
SERIES SM-45 ALUMINUM STOREFRONT SYSTEM (N.I.)

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18-09F

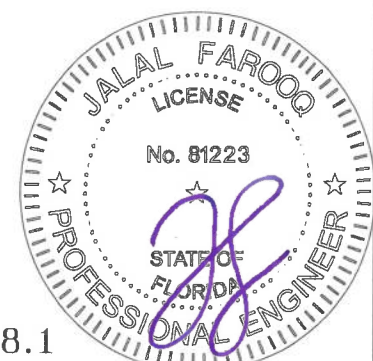
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sheet 9 of 11				



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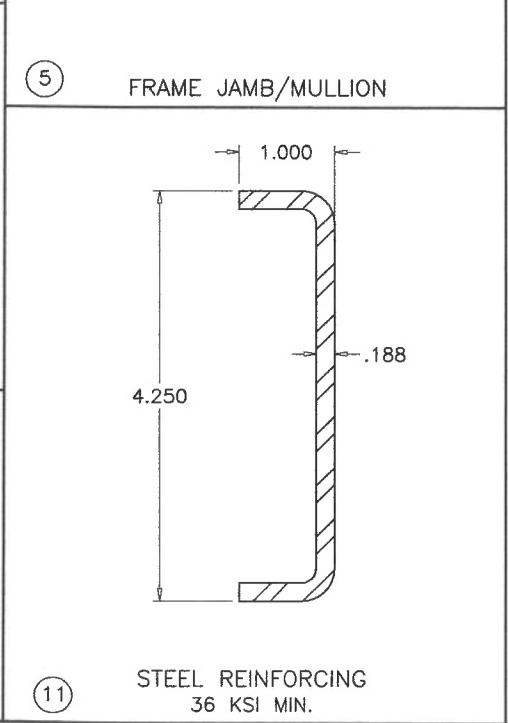
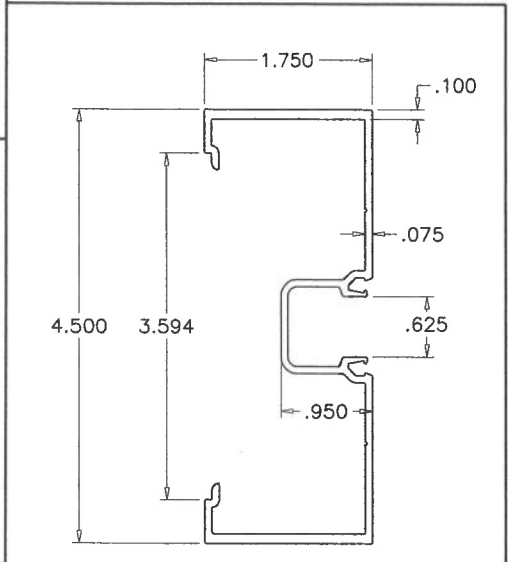
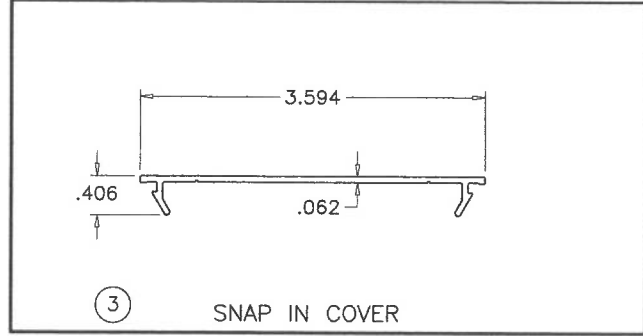
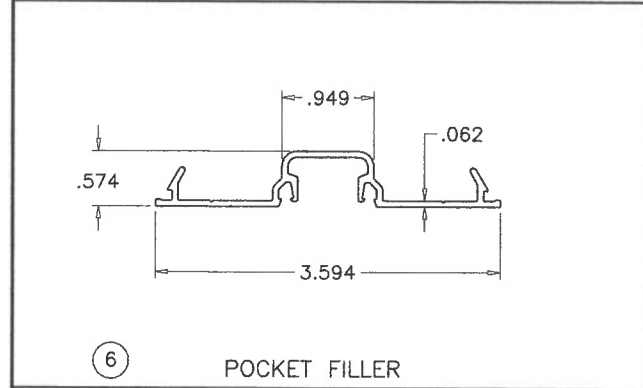
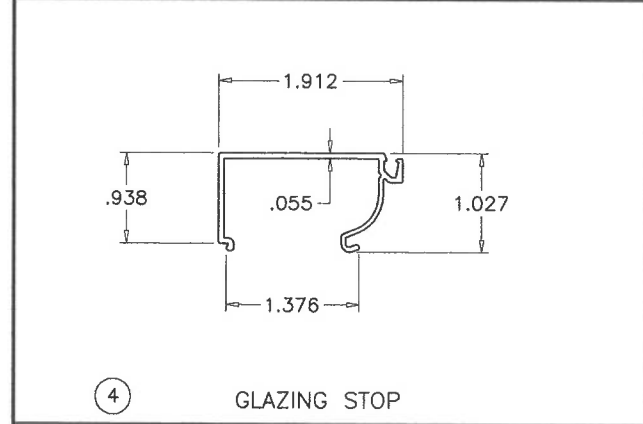
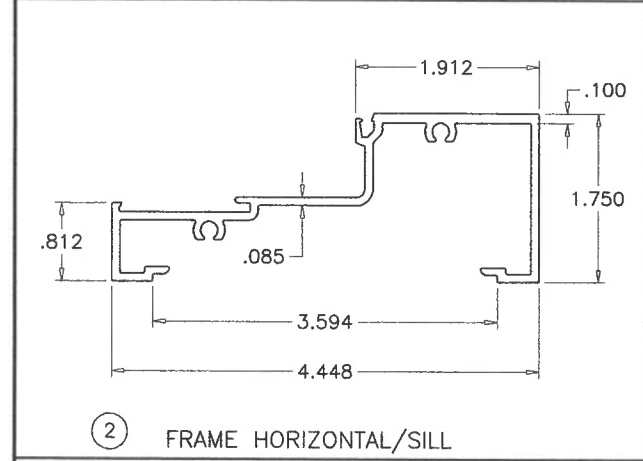
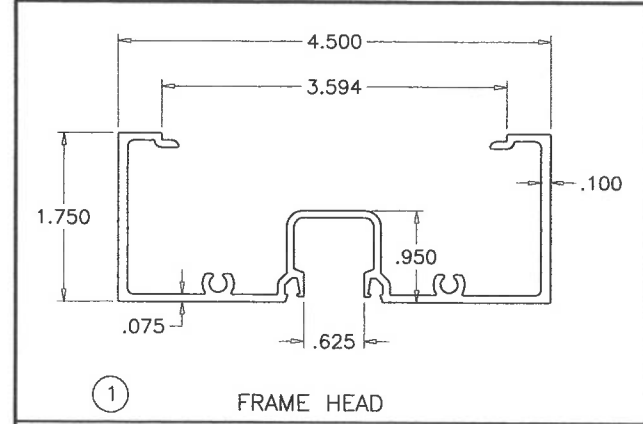
SERIES SM-45 ALUMINUM STOREFRONT SYSTEM (N.I.)

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11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888-6288 FAX. (305) 888-6289

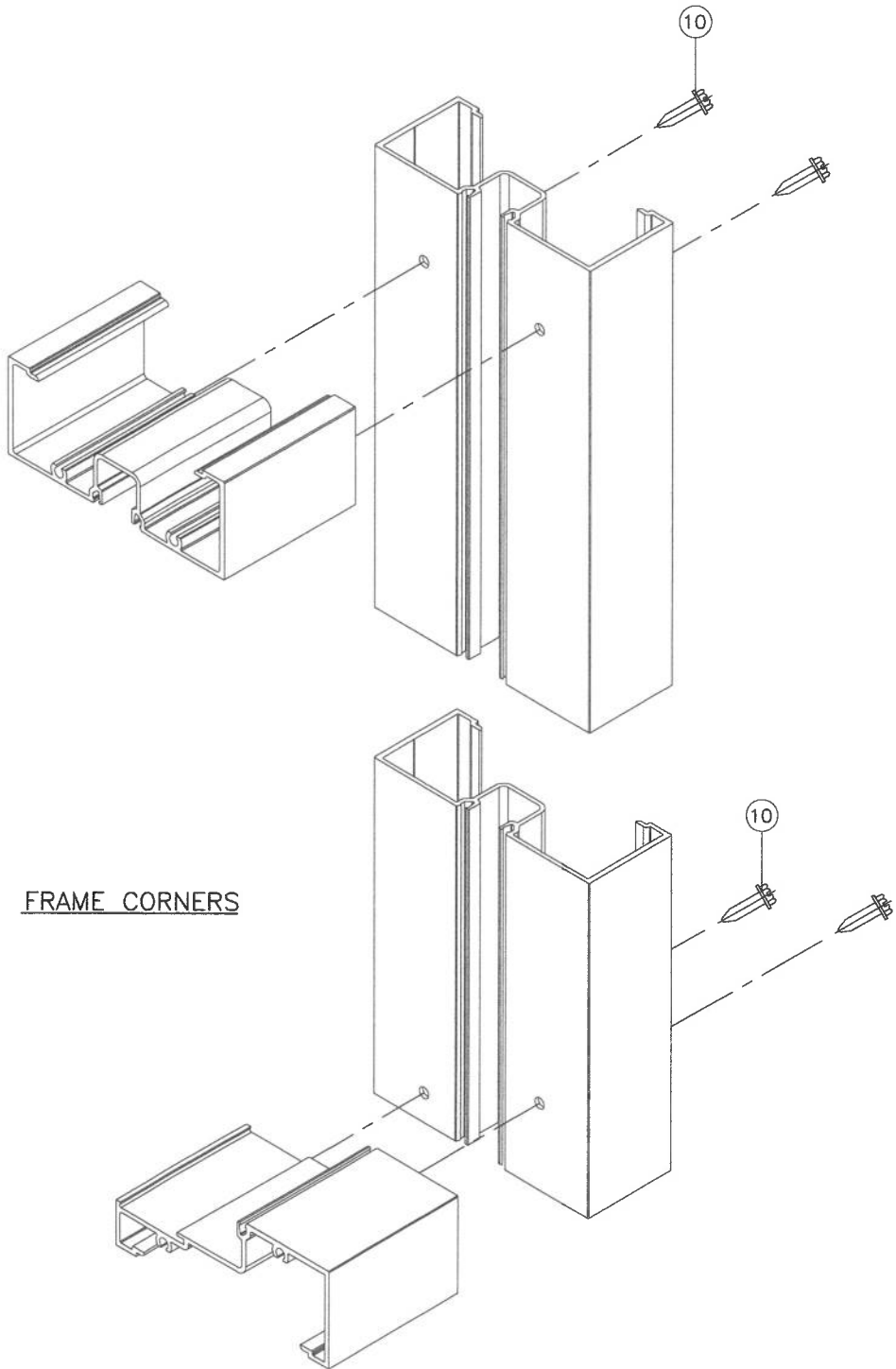
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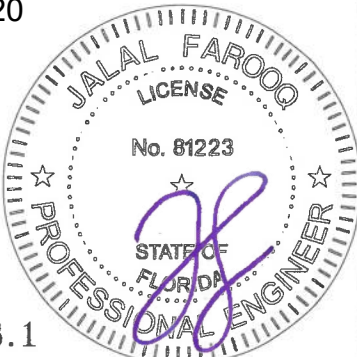
drawing no.
18-09F
sheet 10 of 11



ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SMI-113	AS REQD.	FRAME HEAD	6063-T6	--
2	SMI-114	AS REQD.	FRAME HORIZONTAL/SILL	6063-T6	--
3	SMI-118	AS REQD.	SNAP IN COVER, 2-1/2" LONG	6063-T6	--
4	SMI-116	AS REQD.	GLAZING STOP	6063-T5	--
5	SMI-110	AS REQD.	FRAME JAMB/MULLION	6063-T6	--
6	SMI-117	AS REQD.	POCKET FILLER	6063-T6	--
7	--	--	--	--	--
8	SMI-G04	AS REQD.	GLAZING GASKET (DUROMETER 70±5)	EPDM	FRANK LOWE RUBBER
9	SMI-45	AS REQD.	SETTING BLOCK AT 1/4" POINTS (DUROMETER 85±5)	EPDM	1/2" X 1/2" X 4" LONG
10	#12 X 1-1/2"	2/ CORNER	ASSEMBLY SCREWS	STEEL	HEX H SELF DRILLING
11	--	OPTIONAL	REINFORCING CHANNEL	STEEL	4-1/4" X 1" X 3/16" THK.



Sealed: 7/24/2020



FL #25948.1

AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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SERIES SM-45 ALUMINUM STOREFRONT SYSTEM (N.I.)

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revisions:

no	date	by	description

date: 01-05-18
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
18-09F

sheet 11 of 11