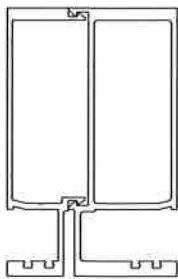


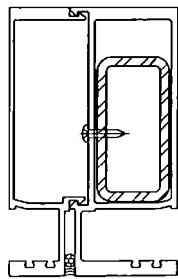
DESIGN LOAD CAPACITY - PSF					
NOMINAL DIMS.		MULLION 'M1'		MULLION 'M2'	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36"	96"	100.0	100.0	100.0	100.0
42"		100.0	100.0	100.0	100.0
48"		100.0	100.0	100.0	100.0
54"		100.0	100.0	100.0	100.0
60"		100.0	100.0	100.0	100.0
66"		90.9	100.0	90.9	100.0
72"		83.3	100.0	83.3	100.0
36"	102"	100.0	100.0	100.0	100.0
42"		100.0	100.0	100.0	100.0
48"		100.0	100.0	100.0	100.0
54"		100.0	100.0	100.0	100.0
60"		100.0	100.0	100.0	100.0
66"		90.9	100.0	90.9	100.0
36"	108"	100.0	100.0	100.0	100.0
42"		100.0	100.0	100.0	100.0
48"		100.0	100.0	100.0	100.0
54"		100.0	100.0	100.0	100.0
60"		100.0	100.0	100.0	100.0
36"	114"	100.0	100.0	100.0	100.0
42"		100.0	100.0	100.0	100.0
48"		100.0	100.0	100.0	100.0
54"		100.0	100.0	100.0	100.0
36"	120"	100.0	100.0	100.0	100.0
42"		100.0	100.0	100.0	100.0
48"		100.0	100.0	100.0	100.0
54"		100.0	100.0	100.0	100.0

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



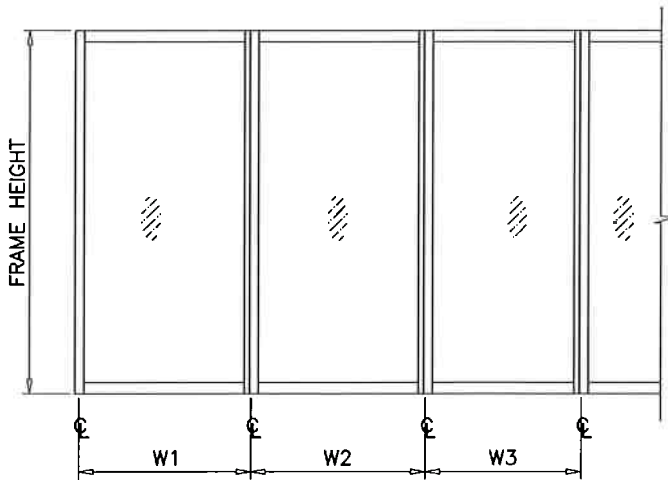
MULLION 'M1'

Ix IN^4	Sx IN^3
15.440	5.50



MULLION 'M2'

	Ix IN^4	Sx IN^3
ALUMINUM	15.440	5.50
STEEL	1.42	.945
TOTAL Ix ALUM + Ix STL X 2.9	18.485	



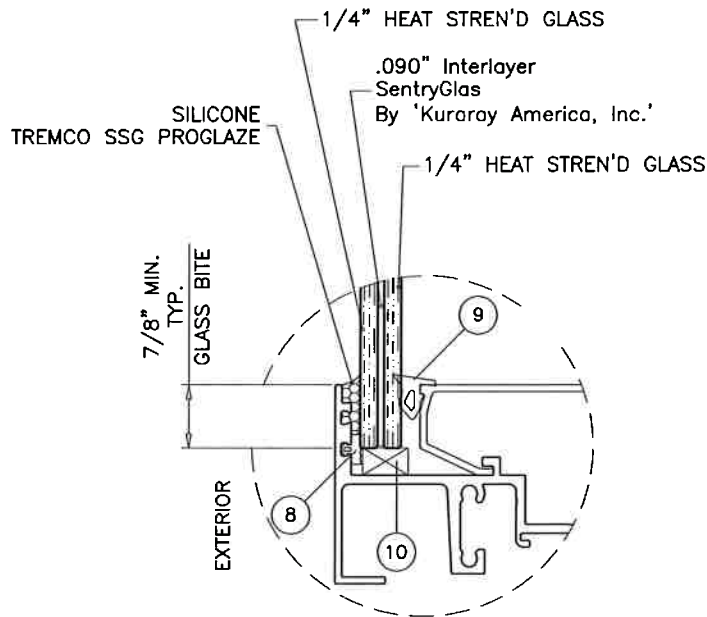
WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION

JAMB/MULLION ANCHOR LOAD CAPACITY - PSF				
NOMINAL DIMS.		ANCHORS TYPE 'A'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36"	72"	100.0	100.0	100.0
42"		100.0	100.0	100.0
48"		100.0	100.0	100.0
54"		100.0	100.0	100.0
60"		94.0	100.0	100.0
66"		85.5	100.0	100.0
72"		78.3	100.0	94.0
36"	78"	100.0	100.0	100.0
42"		100.0	100.0	100.0
48"		100.0	100.0	100.0
54"		96.4	100.0	100.0
60"		86.8	100.0	100.0
66"		78.9	100.0	94.7
72"		72.3	100.0	86.8
36"	84"	100.0	100.0	100.0
42"		100.0	100.0	100.0
48"		100.0	100.0	100.0
54"		89.5	100.0	100.0
60"		80.6	100.0	96.7
66"		73.2	100.0	87.9
72"		67.1	100.0	80.6
36"	90"	100.0	100.0	100.0
42"		100.0	100.0	100.0
48"		94.0	100.0	100.0
54"		83.6	100.0	100.0
60"		75.2	100.0	90.2
66"		68.4	100.0	82.0
72"		62.7	100.0	75.2

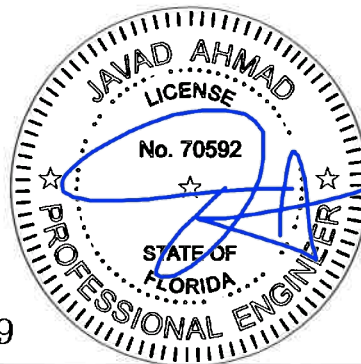
JAMB/MULLION ANCHOR LOAD CAPACITY - PSF				
NOMINAL DIMS.		ANCHORS TYPE 'A'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36"	96"	100.0	100.0	100.0
42"		100.0	100.0	100.0
48"		88.1	100.0	100.0
54"		78.3	100.0	94.0
60"		70.5	100.0	84.6
66"		64.1	100.0	76.9
72"		58.8	100.0	70.5
36"	102"	100.0	100.0	100.0
42"		94.8	100.0	100.0
48"		82.9	100.0	99.5
54"		73.7	100.0	88.5
60"		66.4	100.0	79.6
66"		60.3	100.0	72.4
36"	108"	100.0	100.0	100.0
42"		89.5	100.0	100.0
48"		78.3	100.0	94.0
54"		69.6	100.0	83.6
60"		62.7	100.0	75.2
66"		57.0	100.0	68.4
36"	114"	98.9	100.0	100.0
42"		84.8	100.0	100.0
48"		74.2	100.0	89.1
54"		66.0	100.0	79.2
60"		59.4	100.0	71.2
36"	120"	94.0	100.0	100.0
42"		80.6	100.0	96.7
48"		70.5	100.0	84.6
54"		62.7	100.0	75.2
60"		56.4	100.0	67.7

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.
SEE SHEET 3 FOR ANCHOR DESCRIPTION.



GLAZING DETAIL

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



FL #21899

Sealed:11/28/2017

af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
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COMP-ANL\W16-66EGS

RAMPART SERIES 5500 WINDOW WALL (L.M.I.)

EGS INTERNATIONAL, LLC
3133 S.W. 25TH STREET
PEMBROKE PARK, FL. 33009
TEL (954) 964-1441 FAX (954) 964-1533

revisions:	no	date	by	description
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dr.	TARIQ	chk.	by:	
drawing no.	W16-66			
sheet	2 of 6			

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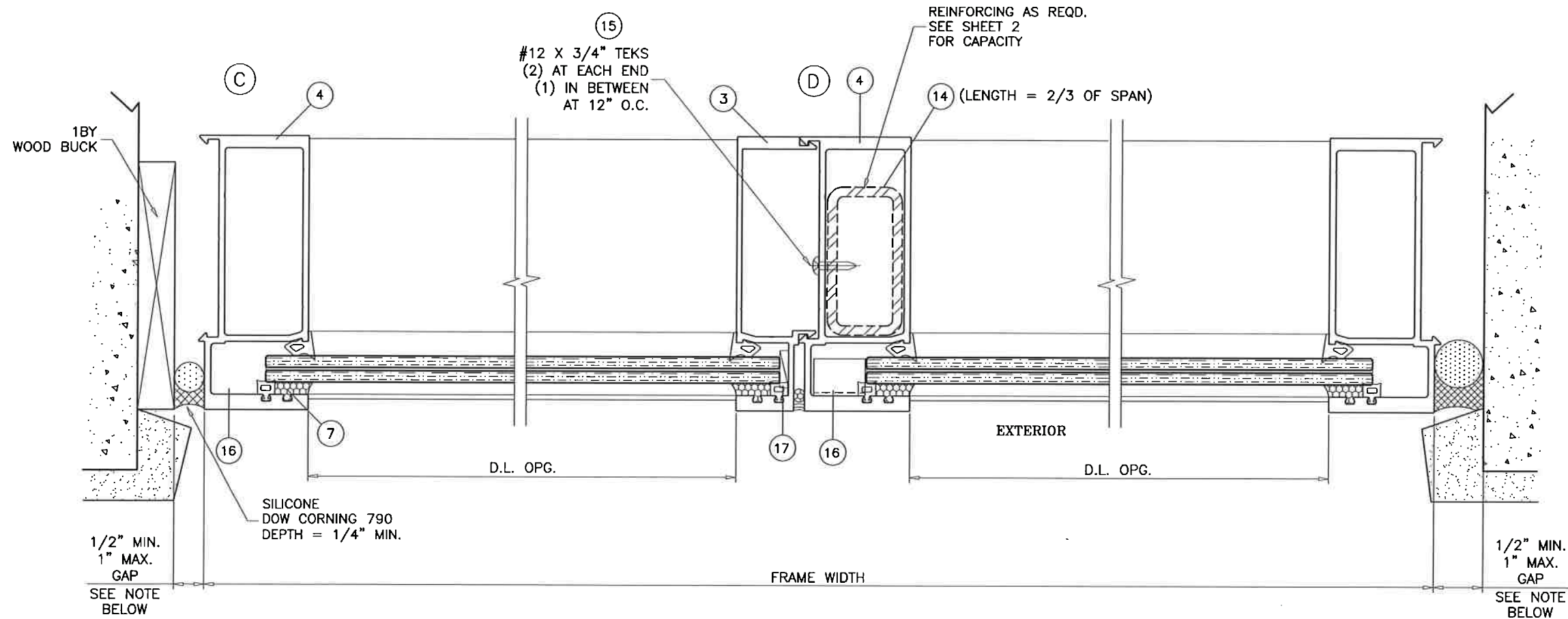
AL-FAROOQ CORPORATION
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MIAMI, FLORIDA 33173 (C.A.N. 3538)
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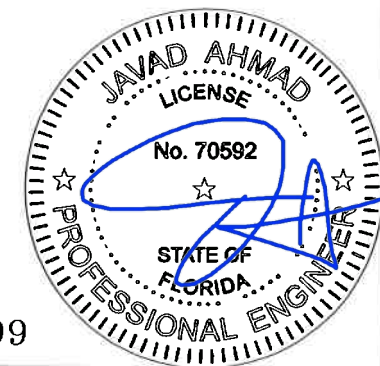
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dr. by: TARIQ
chk. by:

drawing no.
W16-66
sheet 4 of 6

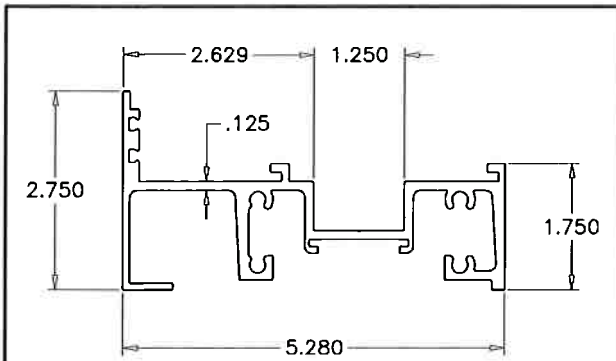


NOTE:
MAX. MOVEMENT CONSIDERED=100% STRETCH.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.
ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.
GAPS LESS THAN 1/4" MAY BE DESIGNED BY ENGINEER OF RECORD BY THE USE OF BOND BREAKER TAPE OR 15% OF GAP ALLOWED MOVEMENT.

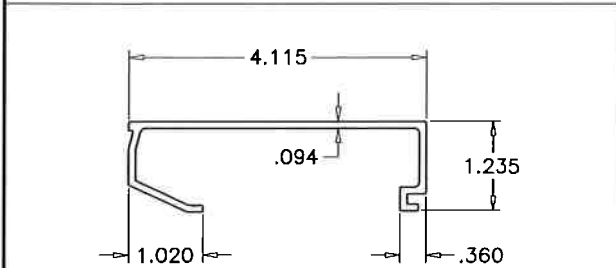


FL #21899

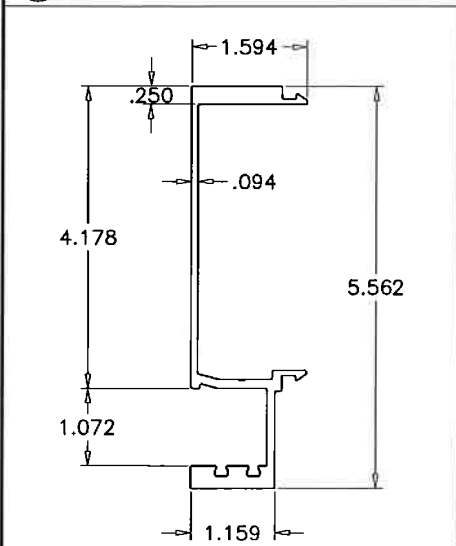
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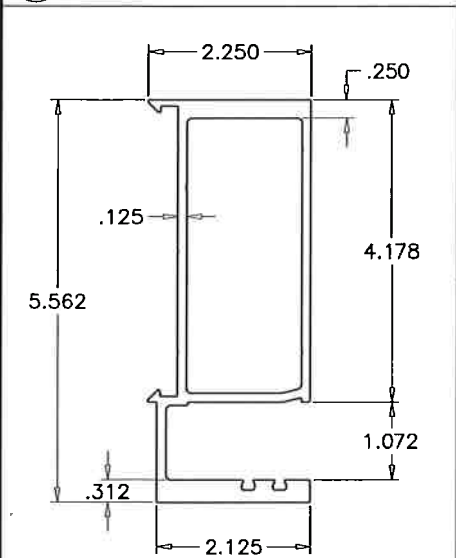
1 FRAME HEAD/SILL



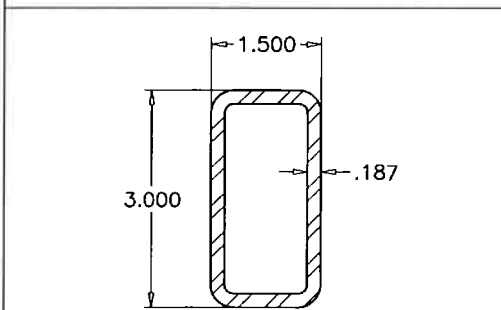
2 GLASS STOP



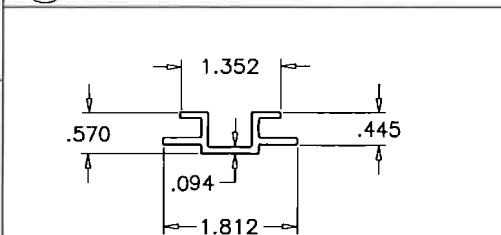
3 MALE MULLION



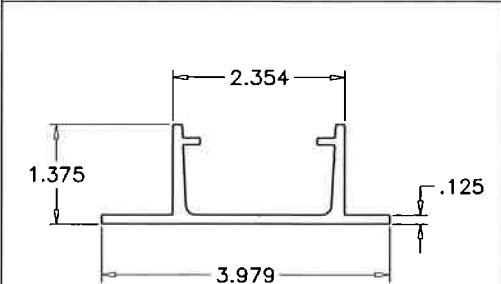
4 JAMB/FEMALE MULLION



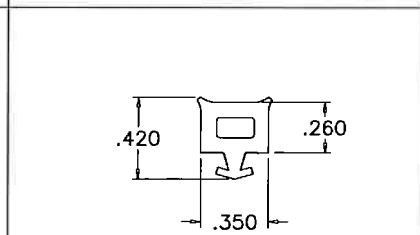
14 REINF. TUBE



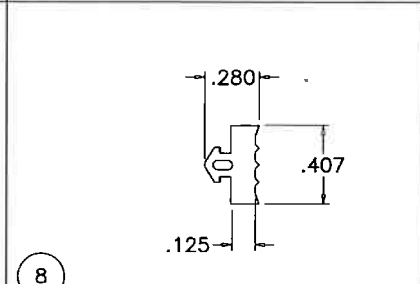
5 RETAINER CLIP



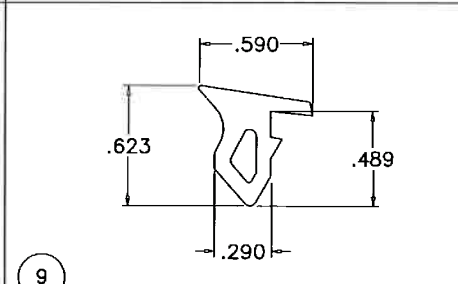
6 ANCHOR CLIP



7 EXTERIOR VERT. SPACER
SCALE 1:1

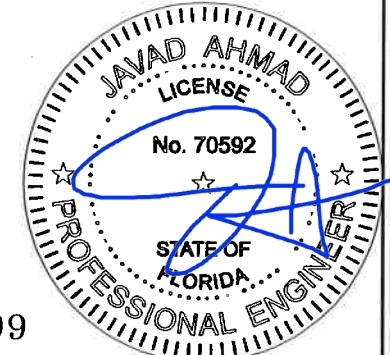


8 EXTERIOR HORIZ. SPACER
SCALE 1:1



9 INTERIOR WEDGE GASKET
SCALE 1:1

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	EGS-F3	AS REQD.	FRAME HEAD/SILL	6063-T6	-
2	EGS-F4	AS REQD.	GLASS STOP	6063-T5	-
3	EGS-F2	AS REQD.	MALE MULLION	6005-T5	-
4	EGS-F1	AS REQD.	JAMB/FEMALE MULLION	6005-T5	-
5	EGS-F6	AS REQD.	ADJUSTMENT RETAINER CLIP, 3" LONG	6063-T5	-
6	EGS-F5	AS REQD.	ANCHOR CLIP, 12" LONG	6005-T5	-
7	EGS-F7	AS REQD.	EXTERIOR VERT. SPACER	EPDM	TREMCO, DUROMETER 60±5 SHORE A
8	EGS-F8	AS REQD.	EXTERIOR HORIZ. SPACER	EPDM	TREMCO, DUROMETER 70±5 SHORE A
9	EGS-F9	AS REQD.	INTERIOR WEDGE GASKET	EPDM	TREMCO, DUROMETER 70±5 SHORE A
10	EGS-F10	AS REQD.	SETTING BLOCKS AT 1/4 POINTS, 4" LONG	EPDM	GLAZING RUBBER, DUROMETER 80±5 SHORE A
11	3/8-16 X 1-3/4"	1/ CLIP	ADJUSTMENT FASTENER AT SILL	ST. STEEL	-
12	3/8"	1/ CLIP	NYLON LOCK HEX NUT AT SILL	ST. STEEL	-
13	#14 X 1-1/2"	4/ CORNER	ASSEMBLY FASTENERS	ST. STEEL	PH PHIL. SMS
14	HSS3X1-1/2	AS REQD.	REINFORCING TUBE (LENGTH = 2/3 OF MULL HT.)	STEEL	A36
15	#12 X 3/4" TEKS	AS REQD.	REINFORCEMENT TUBE FASTENERS	ST. STEEL	(2) AT EACH END & (1) AT 15" O.C. IN BETWEEN
16	EGS-F12	AS REQD.	3/4" X 3/4" X .062" ANGLE	ALUM	AT TOP & BOTTOM OF JAMBS & MULLIONS
17	EGS-F11	AS REQD.	4" LONG GLASS SPACER, 6" FROM TOP & BOTTOM	EPDM	DUROMETER 80±5 SHORE A



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sheet 5 of 6

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