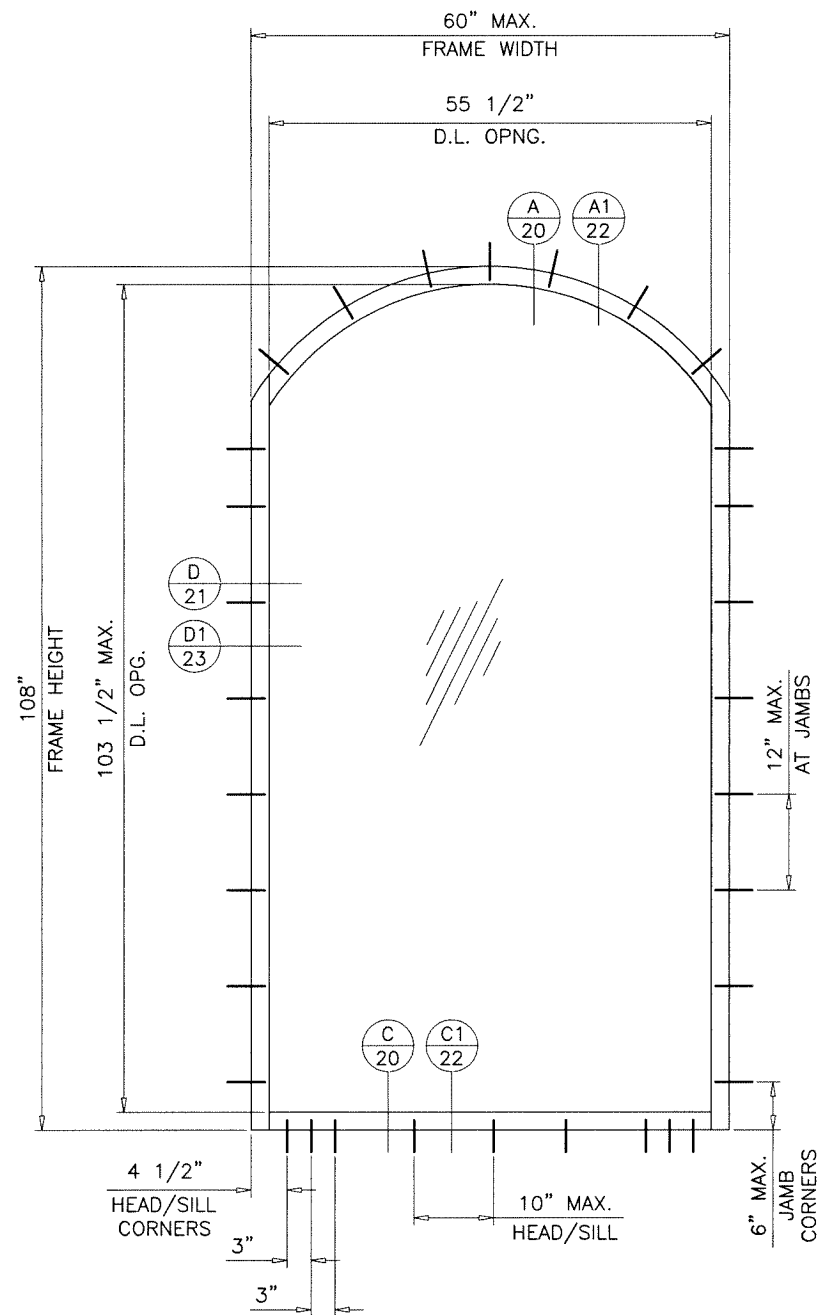
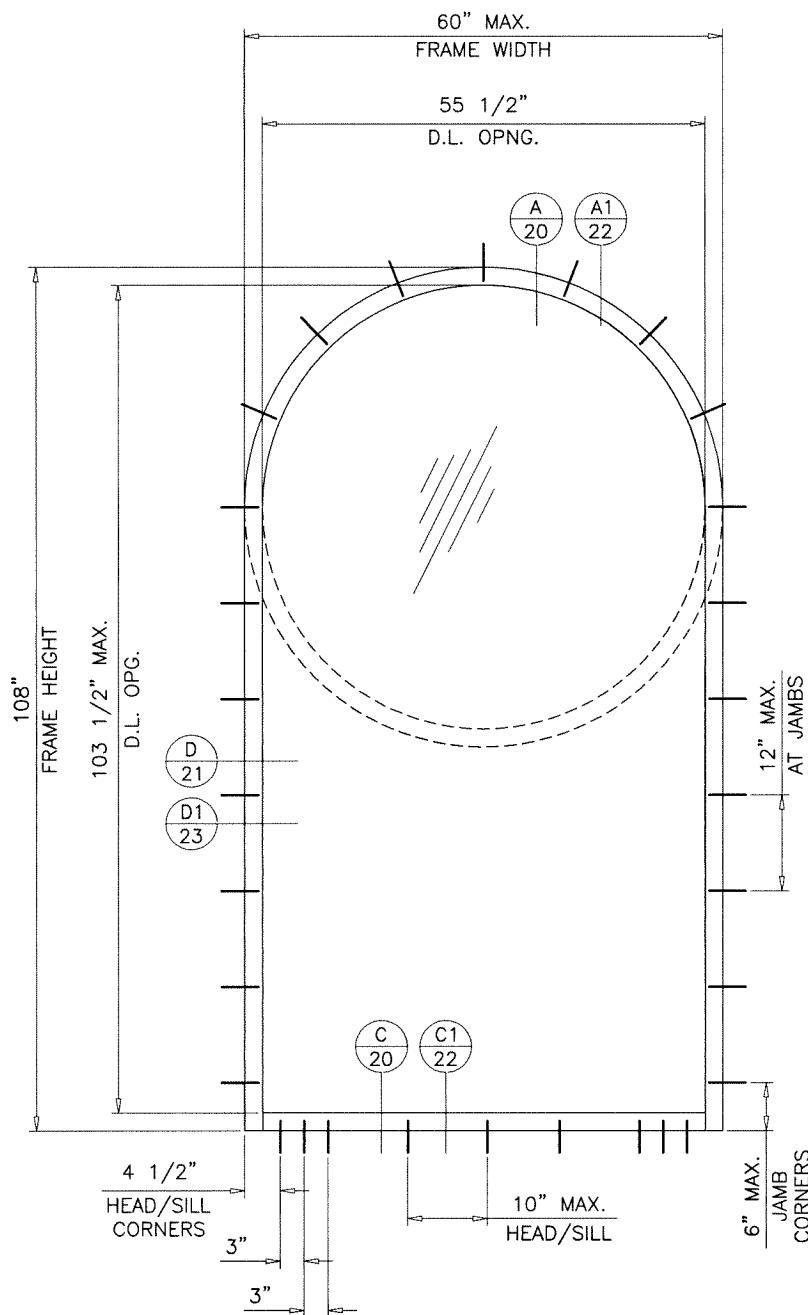
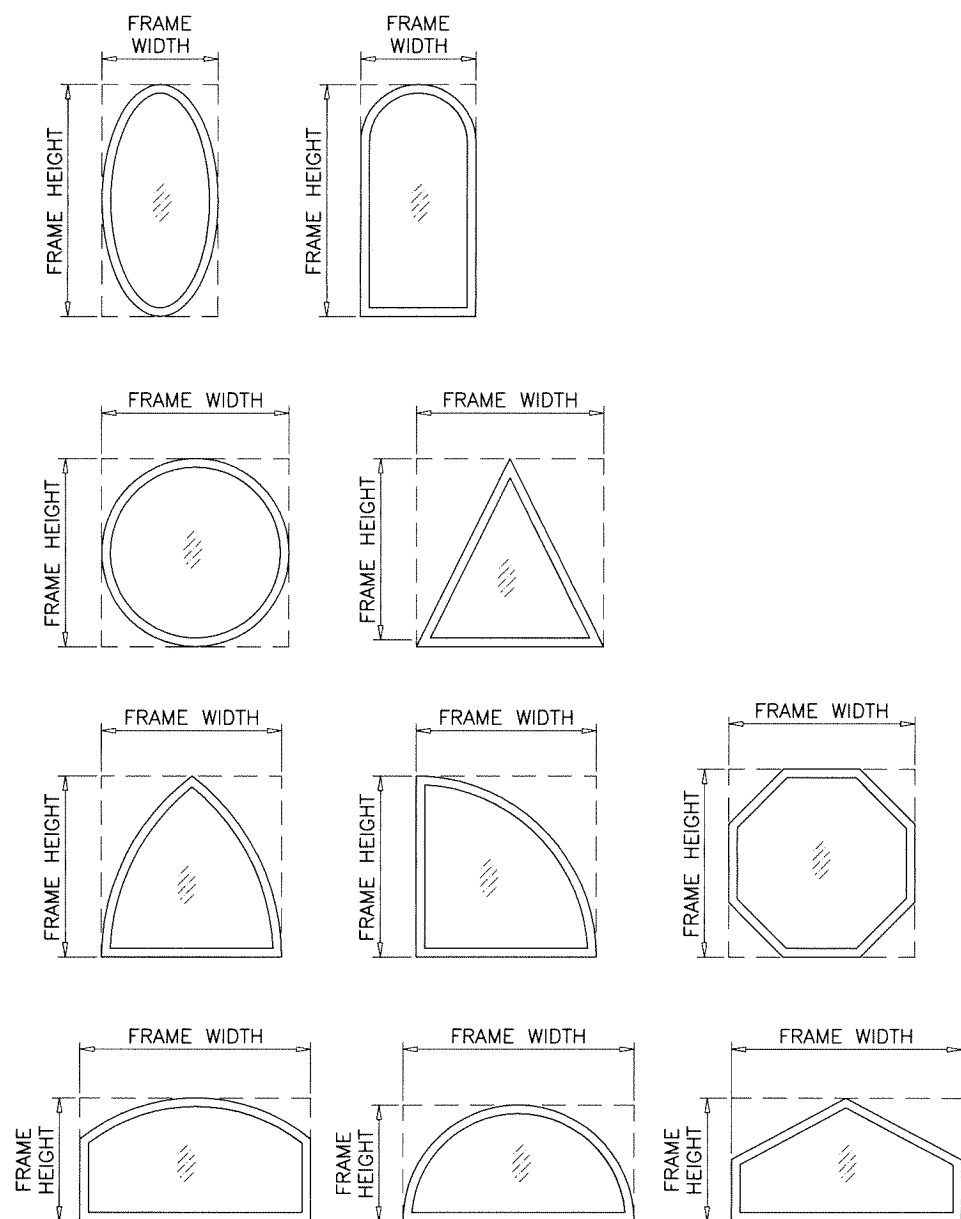


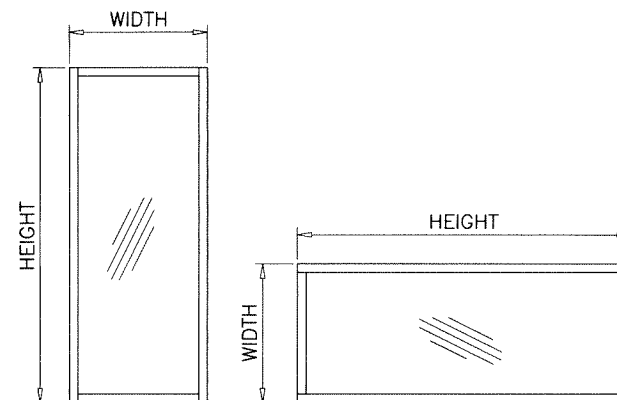




GLASS TYPE 'B' & 'Bi'  
 MAXIMUM DESIGN LOAD RATING = + 80.0 PSF  
 - 100.0 PSF  
 (FOR SHAPES AND SIZE SHOWN ON THIS SHEET ONLY)

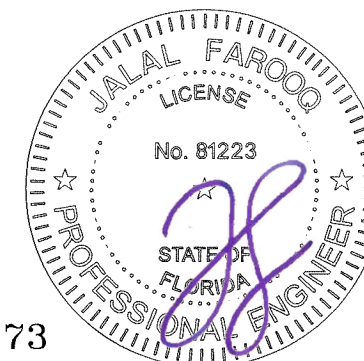


ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES. INSTALLATION ANCHORS AT 4-1/2" FROM FRAME CORNERS AND 10" O.C. MAX.



NOTE:  
 WIDTH AND HEIGHT DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

Sealed: 8/6/2026



FL #19973

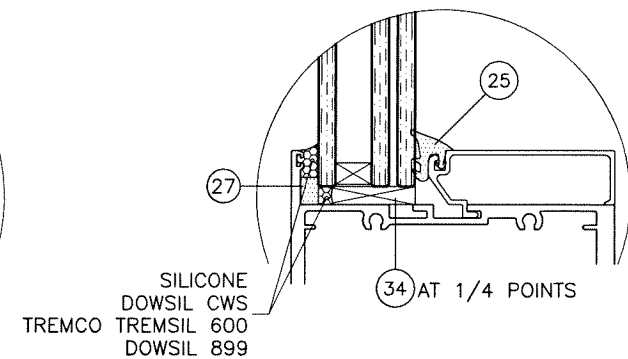
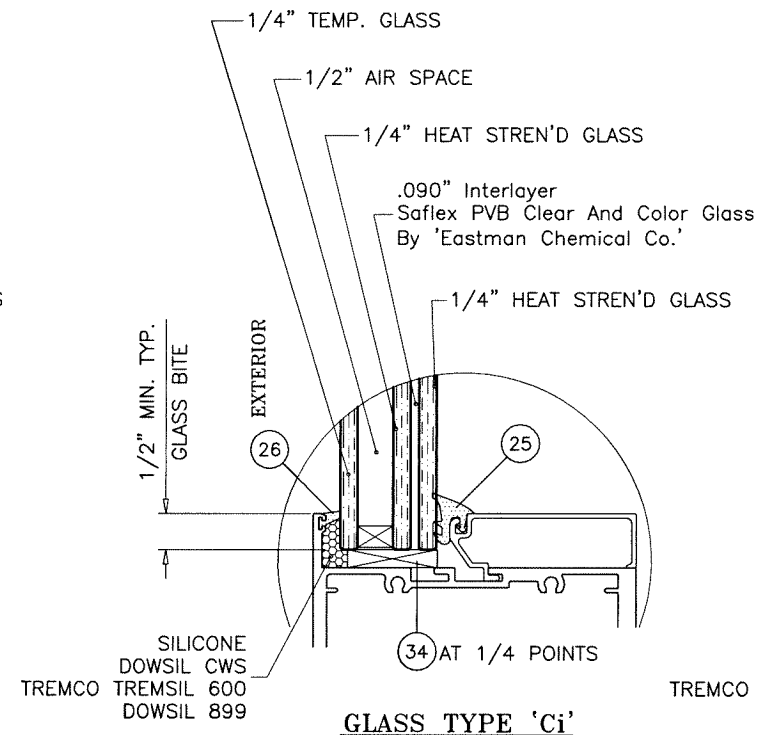
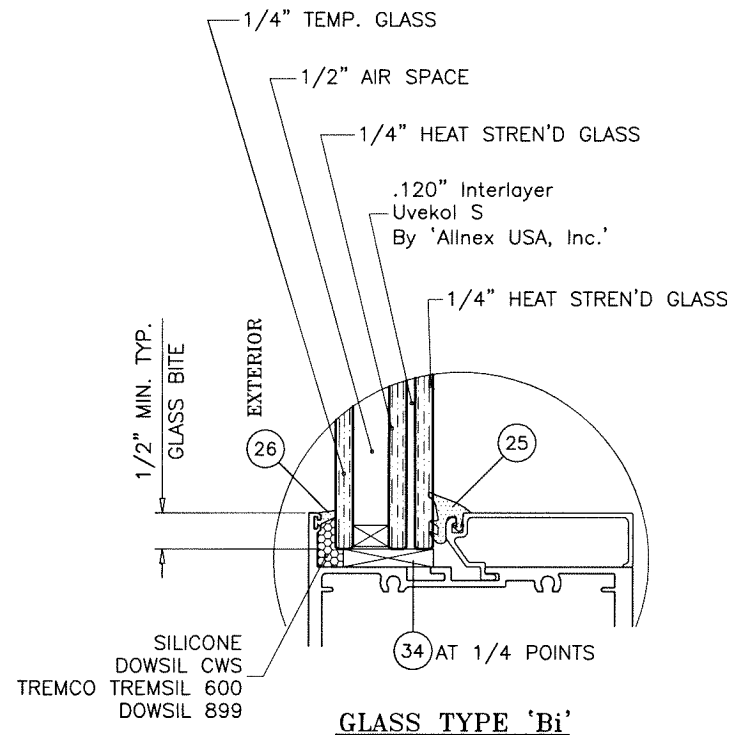
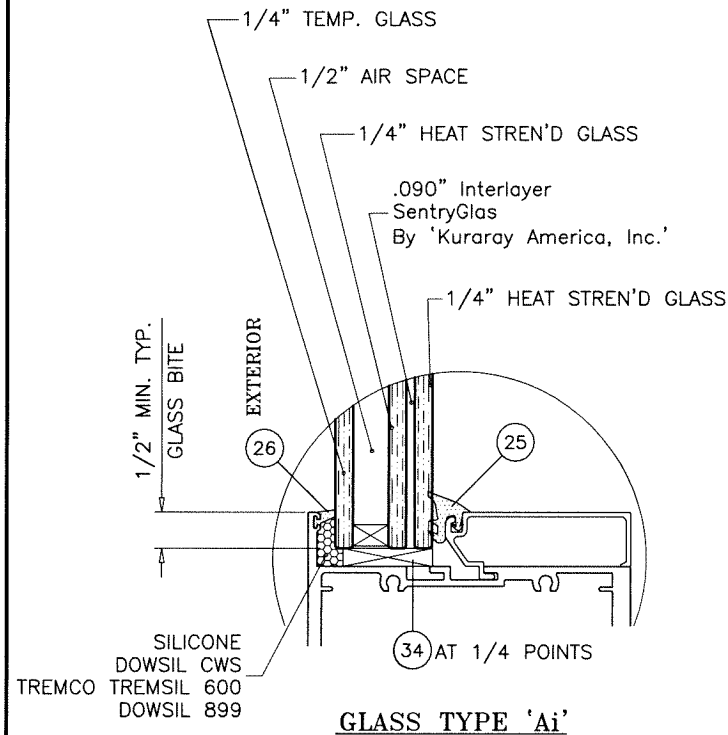
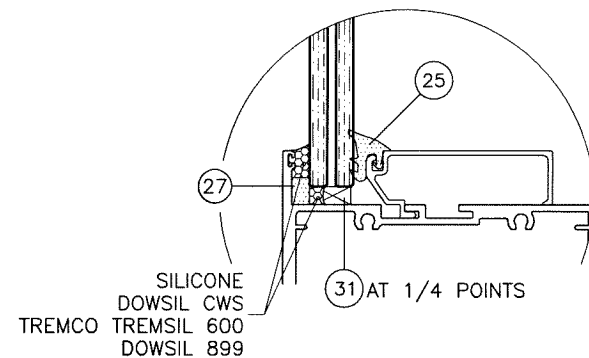
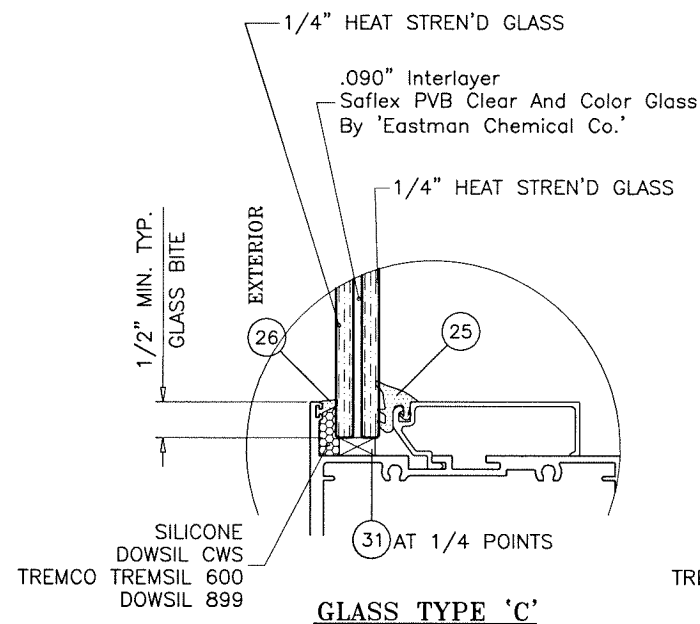
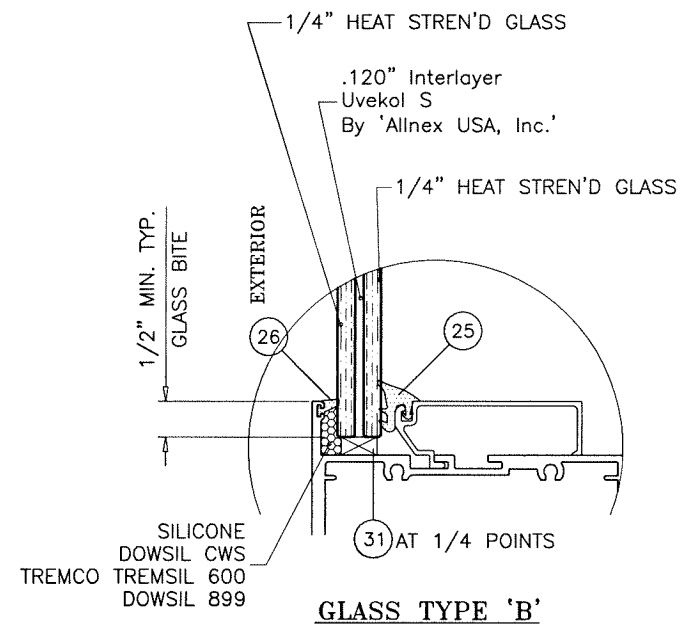
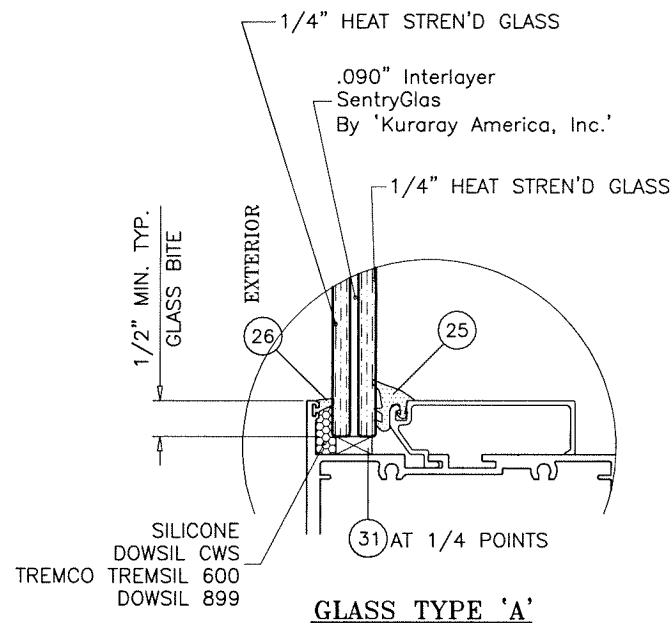
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES FRONT SET ALUM WINDOW WALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
 4250 Coral Ridge Drive, Suite 101  
 Coral Springs, FL. 33065  
 Tel. (954) 784-6900 Fax. (954) 784-6901

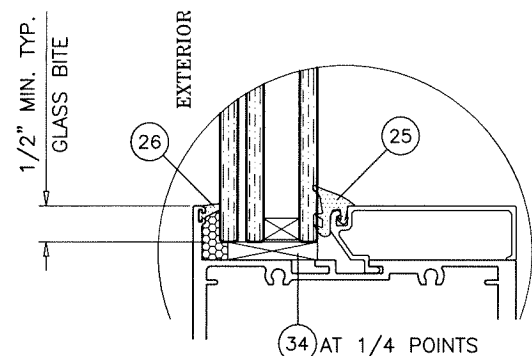
| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |

|                |                   |               |          |
|----------------|-------------------|---------------|----------|
| date: 06-10-21 | scale: 1/2"=1'-0" | dr. by: TARIQ | chk. by: |
|----------------|-------------------|---------------|----------|

drawing no.  
**21-51F**  
 sheet 2 of 27



**1/2" AIR SPACE CONSISTING OF:**  
SPACER:  
'PROFIGLASS' ALUMINUM SPACER  
BY 'RAMAPO USA'  
PERIMETER SEALANT:  
SILICONE  
DOWSIL CWS  
DOWSIL 899  
GE 2000  
PECORA 895

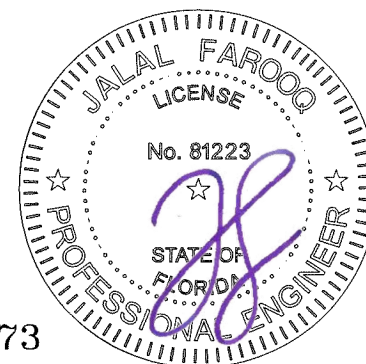


## GLAZING DETAILS LEVEL 'D' IMPACT

**GLASS**  
(LEVEL 'D' IMPACT)

Sealed: 8/6/2026

FL #19973



SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |

date: 06-10-21  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:

drawing no.  
**21-51F**  
sheet 3 of 27

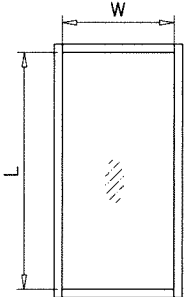
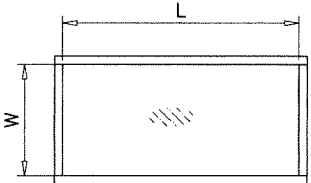
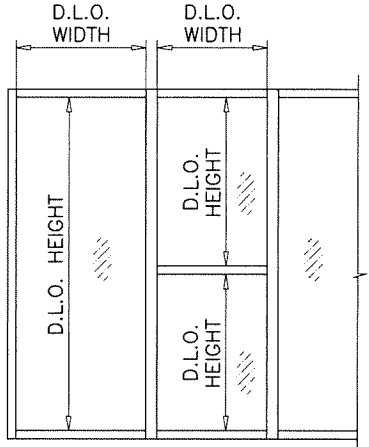
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 262-8100 FAX. (305) 262-6978  
COMP-ANL\21-51FAGP

| GLASS LOAD CAPACITY - PSF |               |             |         |            |         |            |         |
|---------------------------|---------------|-------------|---------|------------|---------|------------|---------|
| NOMINAL DIMS.             |               | GLASS TYPES |         |            |         |            |         |
|                           |               | 'A' & 'Ai'  |         | 'B' & 'Bi' |         | 'C' & 'Ci' |         |
| D.L.O. WIDTH              | D.L.O. HEIGHT | EXT.(+)     | INT.(-) | EXT.(+)    | INT.(-) | EXT.(+)    | INT.(-) |
| 33"                       | 73-1/2"       | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 36"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 39"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 42"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 45"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 48"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 51"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 54"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 57"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 60"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 63"                       |               | 90.0        | 90.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 66"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 69"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 33"                       | 79-1/2"       | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 36"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 39"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 42"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 45"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 48"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 51"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 54"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 57"                       |               | 90.0        | 90.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 60"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 63"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 66"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 69"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 33"                       | 85-1/2"       | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 36"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 39"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 42"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 45"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 48"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 51"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 54"                       |               | 90.0        | 90.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 57"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 60"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 63"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 66"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 69"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 33"                       | 91-1/2"       | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 36"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 39"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 42"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 45"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 48"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 51"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 54"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 57"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 60"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 63"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 66"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 69"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |

| GLASS LOAD CAPACITY - PSF |               |             |         |            |         |            |         |
|---------------------------|---------------|-------------|---------|------------|---------|------------|---------|
| NOMINAL DIMS.             |               | GLASS TYPES |         |            |         |            |         |
|                           |               | 'A' & 'Ai'  |         | 'B' & 'Bi' |         | 'C' & 'Ci' |         |
| D.L.O. WIDTH              | D.L.O. HEIGHT | EXT.(+)     | INT.(-) | EXT.(+)    | INT.(-) | EXT.(+)    | INT.(-) |
| 33"                       | 97-1/2"       | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 36"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 39"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 42"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 45"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 48"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 51"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 54"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 57"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 60"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 63"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 66"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 69"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 33"                       | 103-1/2"      | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 36"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 39"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 42"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 45"                       |               | 90.0        | 90.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 48"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 51"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 54"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 57"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 60"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 63"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 66"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 69"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 33"                       | 109-1/2"      | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 36"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 39"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 42"                       |               | 90.0        | 90.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 45"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 48"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 51"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 54"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 57"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 60"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 63"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 66"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 69"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 33"                       | 115-1/2"      | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 36"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 39"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 42"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 45"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 48"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 51"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 54"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 57"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 60"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 63"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 66"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 69"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |

| GLASS LOAD CAPACITY - PSF |               |             |         |            |         |            |         |
|---------------------------|---------------|-------------|---------|------------|---------|------------|---------|
| NOMINAL DIMS.             |               | GLASS TYPES |         |            |         |            |         |
|                           |               | 'A' & 'Ai'  |         | 'B' & 'Bi' |         | 'C' & 'Ci' |         |
| D.L.O. WIDTH              | D.L.O. HEIGHT | EXT.(+)     | INT.(-) | EXT.(+)    | INT.(-) | EXT.(+)    | INT.(-) |
| 33"                       | 121-1/2"      | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 36"                       |               | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 39"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 42"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 45"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 48"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 51"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 54"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 57"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 60"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 63"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 33"                       | 127-1/2"      | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 36"                       |               | 90.0        | 90.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 39"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 42"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 45"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 48"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 51"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 54"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 57"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 60"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 63"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 33"                       | 133-1/2"      | 120.0       | 135.0   | 120.0      | 135.0   | 65.0       | 75.0    |
| 36"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 39"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 42"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 45"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 48"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 51"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 54"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 57"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 60"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 63"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 33"                       | 139-1/2"      | 90.0        | 90.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 36"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | 65.0       | 75.0    |
| 39"                       |               | 80.0        | 80.0    | 100.0      | 100.0   | -          | -       |
| 42"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 45"                       |               | 80.0        | 80.0    | 80.0       | 80.0    | -          | -       |
| 48"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 51"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 54"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 57"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |
| 60"                       |               | 60.0        | 60.0    | 80.0       | 80.0    | -          | -       |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

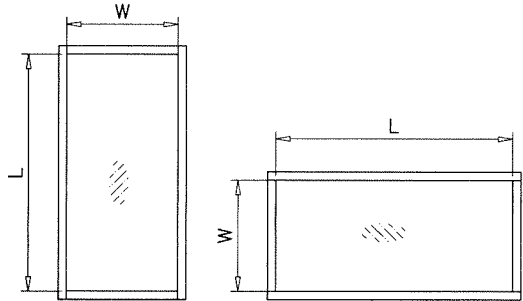
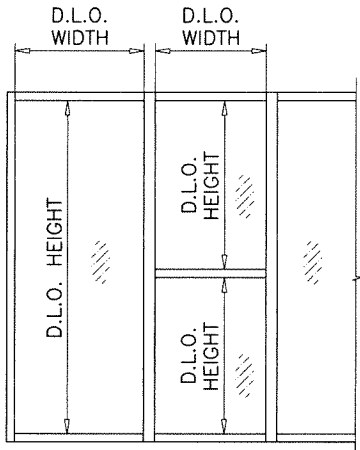


NOTE:  
WIDTH AND LENGTH DIMENSIONS  
CAN BE ORIENTED VERTICALLY OR  
HORIZONTALLY AS SHOWN ABOVE.

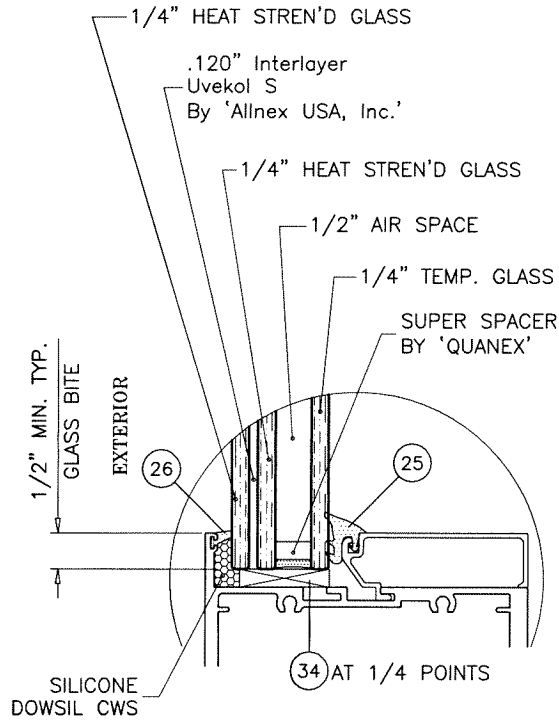
| GLASS LOAD CAPACITY - PSF |               |                 |         |
|---------------------------|---------------|-----------------|---------|
| NOMINAL DIMS.             |               | GLASS TYPE 'Di' |         |
| D.L.O. WIDTH              | D.L.O. HEIGHT | EXT.(+)         | INT.(-) |
| 33"                       | 73-1/2"       | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |
| 39"                       |               | 65.0            | 65.0    |
| 42"                       |               | 65.0            | 65.0    |
| 45"                       |               | 65.0            | 65.0    |
| 48"                       |               | 60.9            | 60.9    |
| 51"                       |               | 57.4            | 57.4    |
| 54"                       |               | 54.2            | 54.2    |
| 57"                       |               | 51.3            | 51.3    |
| 60"                       |               | 48.8            | 48.8    |
| 63"                       | 79-1/2"       | 46.4            | 46.4    |
| 66"                       |               | 44.3            | 44.3    |
| 69"                       |               | 42.4            | 42.4    |
| 33"                       |               | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |
| 39"                       |               | 65.0            | 65.0    |
| 42"                       |               | 65.0            | 65.0    |
| 45"                       |               | 65.0            | 65.0    |
| 48"                       |               | 60.9            | 60.9    |
| 51"                       |               | 57.4            | 57.4    |
| 54"                       | 85-1/2"       | 54.2            | 54.2    |
| 57"                       |               | 51.3            | 51.3    |
| 60"                       |               | 48.8            | 48.8    |
| 63"                       |               | 46.4            | 46.4    |
| 33"                       |               | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |
| 39"                       |               | 65.0            | 65.0    |
| 42"                       |               | 65.0            | 65.0    |
| 45"                       |               | 65.0            | 65.0    |
| 48"                       |               | 60.9            | 60.9    |
| 51"                       | 91-1/2"       | 57.4            | 57.4    |
| 54"                       |               | 54.2            | 54.2    |
| 33"                       |               | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |
| 39"                       |               | 65.0            | 65.0    |
| 42"                       |               | 65.0            | 65.0    |
| 45"                       |               | 65.0            | 65.0    |
| 48"                       |               | 60.9            | 60.9    |
| 51"                       |               | 57.4            | 57.4    |
| 54"                       |               | 54.2            | 54.2    |
| 33"                       | 97-1/2"       | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |
| 39"                       |               | 65.0            | 65.0    |
| 42"                       |               | 65.0            | 65.0    |
| 45"                       |               | 65.0            | 65.0    |
| 48"                       |               | 60.9            | 60.9    |
| 51"                       |               | 57.4            | 57.4    |

| GLASS LOAD CAPACITY - PSF |               |                 |         |
|---------------------------|---------------|-----------------|---------|
| NOMINAL DIMS.             |               | GLASS TYPE 'Di' |         |
| D.L.O. WIDTH              | D.L.O. HEIGHT | EXT.(+)         | INT.(-) |
| 33"                       | 103-1/2"      | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |
| 39"                       |               | 65.0            | 65.0    |
| 42"                       |               | 65.0            | 65.0    |
| 45"                       |               | 65.0            | 65.0    |
| 48"                       |               | 60.9            | 60.9    |
| 33"                       | 109-1/2"      | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |
| 39"                       |               | 65.0            | 65.0    |
| 42"                       |               | 65.0            | 65.0    |
| 45"                       |               | 65.0            | 65.0    |
| 33"                       | 115-1/2"      | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |
| 39"                       |               | 65.0            | 65.0    |
| 42"                       |               | 65.0            | 65.0    |
| 45"                       |               | 65.0            | 65.0    |
| 33"                       | 121-1/2"      | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |
| 39"                       |               | 65.0            | 65.0    |
| 42"                       |               | 65.0            | 65.0    |
| 45"                       |               | 65.0            | 65.0    |
| 33"                       | 127-1/2"      | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |
| 39"                       |               | 65.0            | 65.0    |
| 42"                       |               | 65.0            | 65.0    |
| 45"                       |               | 65.0            | 65.0    |
| 33"                       | 133-1/2"      | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |
| 33"                       | 139-1/2"      | 65.0            | 65.0    |
| 36"                       |               | 65.0            | 65.0    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



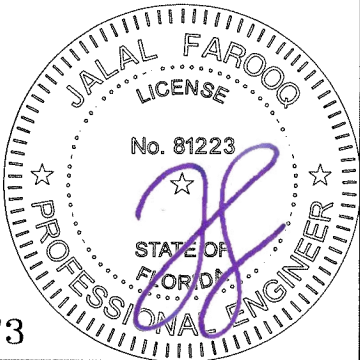
NOTE:  
WIDTH AND LENGTH DIMENSIONS  
CAN BE ORIENTED VERTICALLY OR  
HORIZONTALLY AS SHOWN ABOVE.



GLASS TYPE 'Di'

GLAZING DETAIL LEVEL 'D' IMPACT

GLASS  
(LEVEL 'D' IMPACT)



Sealed: 8/6/2026

FL #19973

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-16 (3 SEC. GUSTS).

**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\21-51FAGP

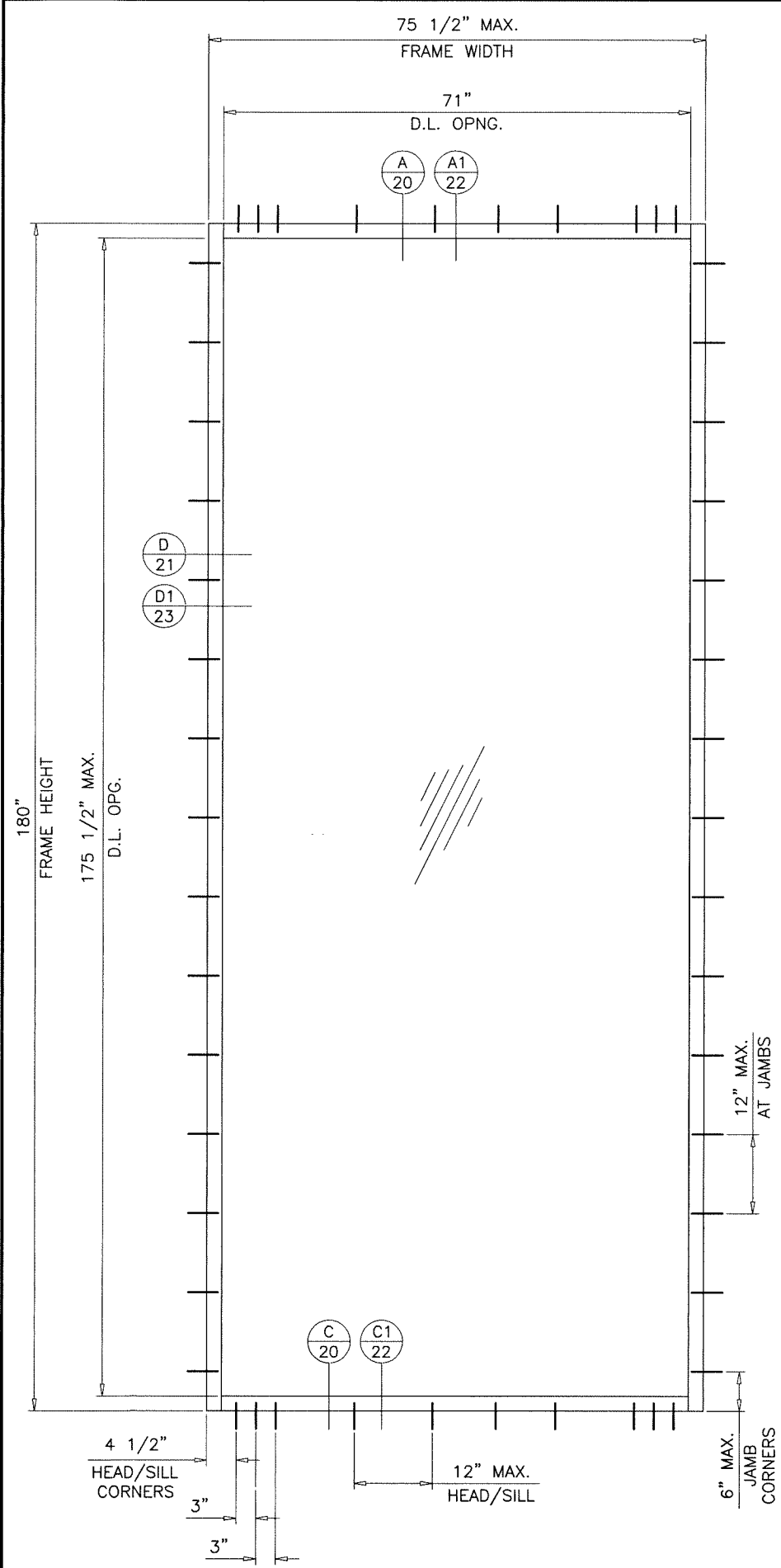
SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |

|                |                  |               |          |
|----------------|------------------|---------------|----------|
| date: 06-10-21 | scale: 3/8" = 1" | dr. by: TARIQ | chk. by: |
|----------------|------------------|---------------|----------|

|               |
|---------------|
| drawing no.   |
| 21-51F        |
| sheet 5 of 27 |

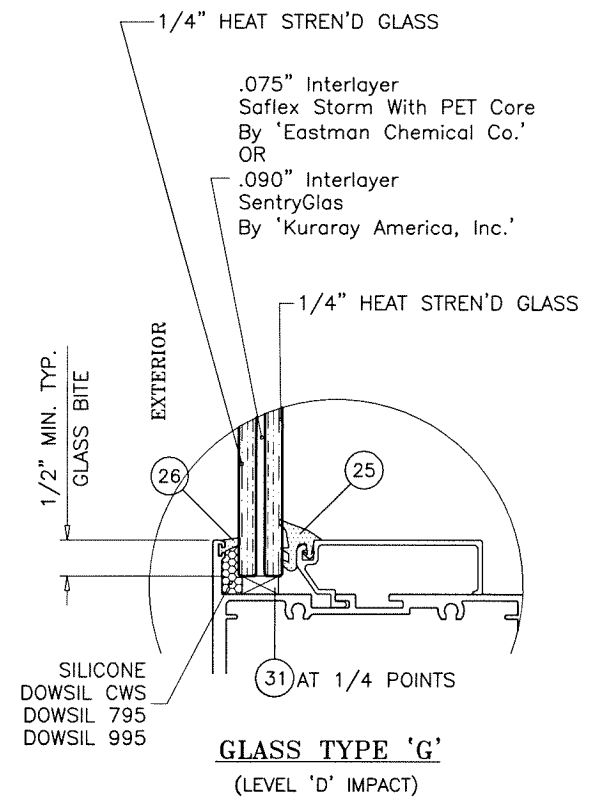


NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-16 (3 SEC. GUSTS).

| DESIGN LOAD CAPACITY - PSF |              |                |         |
|----------------------------|--------------|----------------|---------|
| NOMINAL DIMS.              |              | GLASS TYPE 'G' |         |
| FRAME WIDTH                | FRAME HEIGHT | EXT.(+)        | INT.(-) |
| 75-1/2"                    | 114"         | 70.0           | 70.0    |
| 76-1/2"                    |              | 69.0           | 69.0    |
| 79-1/2"                    |              | 66.3           | 66.3    |
| 82-1/2"                    |              | 63.7           | 63.7    |
| 85-1/2"                    |              | 61.4           | 61.4    |
| 88-1/2"                    |              | 59.2           | 59.2    |
| 91-1/2"                    |              | 57.1           | 57.1    |
| 94-1/2"                    |              | 55.2           | 55.2    |
| 97-1/2"                    |              | 53.4           | 53.4    |
| 100-1/2"                   |              | 51.8           | 51.8    |
| 103-1/2"                   |              | 50.2           | 50.2    |
| 106-1/2"                   |              | 48.7           | 48.7    |
| 109-1/2"                   | 120"         | 47.3           | 47.3    |
| 112-1/2"                   |              | 46.0           | 46.0    |
| 75-1/2"                    |              | 70.0           | 70.0    |
| 76-1/2"                    |              | 69.0           | 69.0    |
| 79-1/2"                    |              | 66.3           | 66.3    |
| 82-1/2"                    |              | 63.7           | 63.7    |
| 85-1/2"                    |              | 61.4           | 61.4    |
| 88-1/2"                    |              | 59.2           | 59.2    |
| 91-1/2"                    |              | 57.1           | 57.1    |
| 94-1/2"                    |              | 55.2           | 55.2    |
| 97-1/2"                    |              | 53.4           | 53.4    |
| 100-1/2"                   |              | 51.8           | 51.8    |
| 103-1/2"                   |              | 50.2           | 50.2    |
| 106-1/2"                   |              | 48.7           | 48.7    |
| 109-1/2"                   | 126"         | 47.3           | 47.3    |
| 75-1/2"                    |              | 70.0           | 70.0    |
| 76-1/2"                    |              | 69.0           | 69.0    |
| 79-1/2"                    |              | 66.3           | 66.3    |
| 82-1/2"                    |              | 63.7           | 63.7    |
| 85-1/2"                    |              | 61.4           | 61.4    |
| 88-1/2"                    |              | 59.2           | 59.2    |
| 91-1/2"                    |              | 57.1           | 57.1    |
| 94-1/2"                    |              | 55.2           | 55.2    |
| 97-1/2"                    |              | 53.4           | 53.4    |
| 100-1/2"                   |              | 51.8           | 51.8    |
| 103-1/2"                   |              | 50.2           | 50.2    |
| 106-1/2"                   |              | 48.7           | 48.7    |
| 75-1/2"                    | 132"         | 70.0           | 70.0    |
| 76-1/2"                    |              | 69.0           | 69.0    |
| 79-1/2"                    |              | 66.3           | 66.3    |
| 82-1/2"                    |              | 63.7           | 63.7    |
| 85-1/2"                    |              | 61.4           | 61.4    |
| 88-1/2"                    |              | 59.2           | 59.2    |
| 91-1/2"                    |              | 57.1           | 57.1    |
| 94-1/2"                    |              | 55.2           | 55.2    |
| 97-1/2"                    |              | 53.4           | 53.4    |
| 100-1/2"                   |              | 51.8           | 51.8    |

| DESIGN LOAD CAPACITY - PSF |              |                |         |
|----------------------------|--------------|----------------|---------|
| NOMINAL DIMS.              |              | GLASS TYPE 'G' |         |
| FRAME WIDTH                | FRAME HEIGHT | EXT.(+)        | INT.(-) |
| 75-1/2"                    | 138"         | 70.0           | 70.0    |
| 76-1/2"                    |              | 69.0           | 69.0    |
| 79-1/2"                    |              | 66.3           | 66.3    |
| 82-1/2"                    |              | 63.7           | 63.7    |
| 85-1/2"                    |              | 61.4           | 61.4    |
| 88-1/2"                    |              | 59.2           | 59.2    |
| 91-1/2"                    | 144"         | 57.1           | 57.1    |
| 94-1/2"                    |              | 55.2           | 55.2    |
| 97-1/2"                    |              | 53.4           | 53.4    |
| 75-1/2"                    |              | 70.0           | 70.0    |
| 76-1/2"                    |              | 69.0           | 69.0    |
| 79-1/2"                    |              | 66.3           | 66.3    |
| 82-1/2"                    | 150"         | 63.7           | 63.7    |
| 85-1/2"                    |              | 61.4           | 61.4    |
| 88-1/2"                    |              | 59.2           | 59.2    |
| 91-1/2"                    |              | 57.1           | 57.1    |
| 75-1/2"                    |              | 70.0           | 70.0    |
| 76-1/2"                    |              | 69.0           | 69.0    |
| 79-1/2"                    | 156"         | 66.3           | 66.3    |
| 82-1/2"                    |              | 63.7           | 63.7    |
| 85-1/2"                    |              | 61.4           | 61.4    |
| 88-1/2"                    |              | 59.2           | 59.2    |
| 91-1/2"                    |              | 57.1           | 57.1    |
| 94-1/2"                    |              | 55.2           | 55.2    |
| 97-1/2"                    | 162"         | 53.4           | 53.4    |
| 100-1/2"                   |              | 51.8           | 51.8    |
| 103-1/2"                   |              | 50.2           | 50.2    |
| 106-1/2"                   |              | 48.7           | 48.7    |
| 75-1/2"                    |              | 70.0           | 70.0    |
| 76-1/2"                    |              | 69.0           | 69.0    |
| 79-1/2"                    | 168"         | 66.3           | 66.3    |
| 82-1/2"                    |              | 63.7           | 63.7    |
| 85-1/2"                    |              | 61.4           | 61.4    |
| 88-1/2"                    |              | 59.2           | 59.2    |
| 91-1/2"                    |              | 57.1           | 57.1    |
| 94-1/2"                    |              | 55.2           | 55.2    |
| 97-1/2"                    | 174"         | 53.4           | 53.4    |
| 100-1/2"                   |              | 51.8           | 51.8    |
| 103-1/2"                   |              | 50.2           | 50.2    |
| 106-1/2"                   |              | 48.7           | 48.7    |
| 75-1/2"                    |              | 70.0           | 70.0    |
| 76-1/2"                    |              | 69.0           | 69.0    |
| 79-1/2"                    | 180"         | 66.3           | 66.3    |
| 82-1/2"                    |              | 63.7           | 63.7    |
| 85-1/2"                    |              | 61.4           | 61.4    |
| 88-1/2"                    |              | 59.2           | 59.2    |
| 91-1/2"                    |              | 57.1           | 57.1    |
| 94-1/2"                    |              | 55.2           | 55.2    |
| 97-1/2"                    |              | 53.4           | 53.4    |
| 100-1/2"                   |              | 51.8           | 51.8    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



Sealed: 8/6/2026



FL #19973

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

COMP-ANL\21-51FAGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

| no | date | by | description |
|----|------|----|-------------|
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |

date: 06-10-21

scale: 3/8" = 1"

dr. by: TARIQ

chk. by:

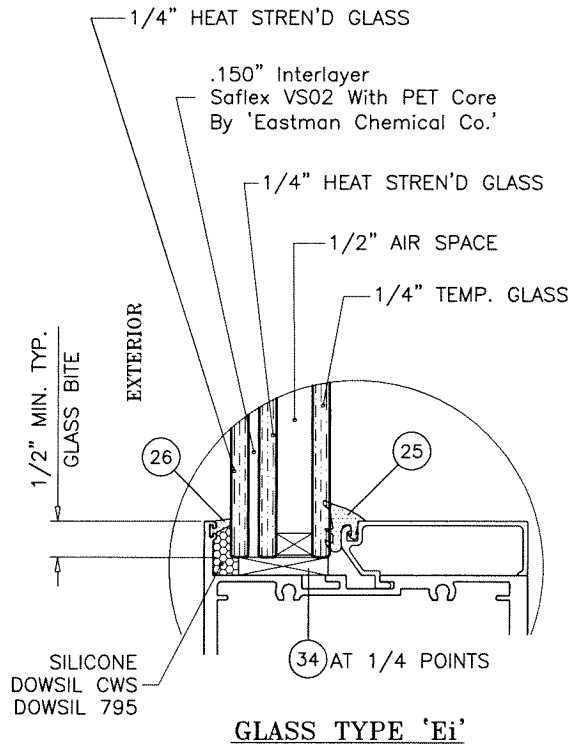
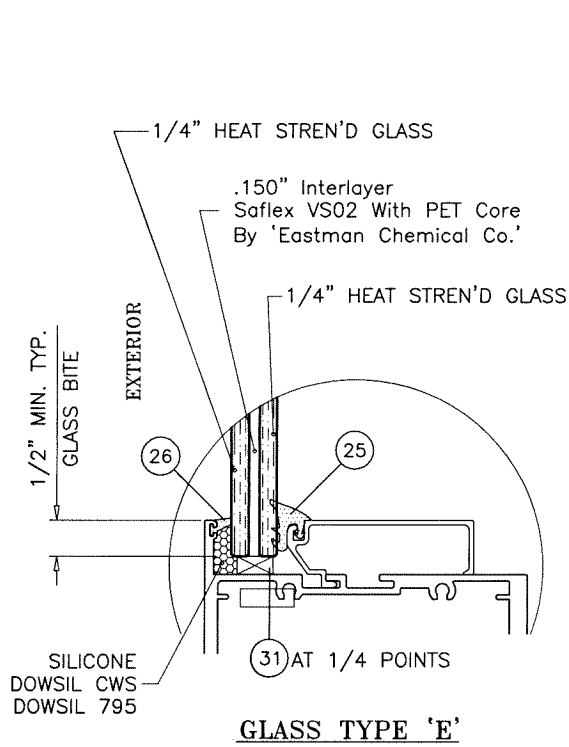
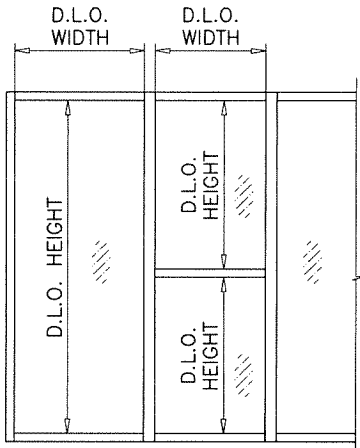
drawing no.

**21-51F**

sheet 5.1 of 27

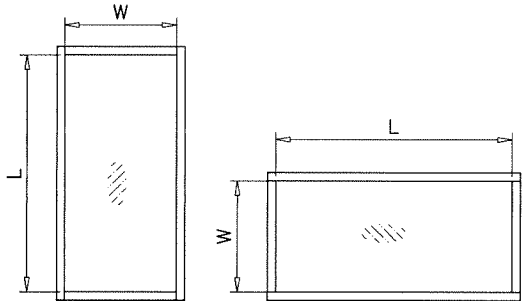
| GLASS LOAD CAPACITY - PSF |               |                |         |                 |         |
|---------------------------|---------------|----------------|---------|-----------------|---------|
| NOMINAL DIMS.             |               | GLASS TYPE 'E' |         | GLASS TYPE 'Ei' |         |
| D.L.O. WIDTH              | D.L.O. HEIGHT | EXT.(+)        | INT.(-) | EXT.(+)         | INT.(-) |
| 45"                       | 109-1/2"      | 100.0          | 100.0   | 100.0           | 100.0   |
| 48"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 51"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 54"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 57"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 60"                       |               | 95.2           | 95.2    | 95.2            | 95.2    |
| 63"                       |               | 90.9           | 90.9    | 90.9            | 90.9    |
| 66"                       | 115-1/2"      | 87.0           | 87.0    | 87.0            | 87.0    |
| 69"                       |               | 83.3           | 83.3    | 83.3            | 83.3    |
| 45"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 48"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 51"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 54"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 57"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 60"                       |               | 95.2           | 95.2    | 95.2            | 95.2    |
| 63"                       |               | 90.9           | 90.9    | 90.9            | 90.9    |
| 66"                       | 121-1/2"      | 87.0           | 87.0    | 87.0            | 87.0    |
| 69"                       |               | 83.3           | 83.3    | 83.3            | 83.3    |
| 45"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 48"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 51"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 54"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 57"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 60"                       | 127-1/2"      | 95.2           | 95.2    | 95.2            | 95.2    |
| 63"                       |               | 90.9           | 90.9    | 90.9            | 90.9    |
| 45"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 48"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 51"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 54"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 57"                       |               | 98.2           | 98.2    | 100.0           | 100.0   |
| 60"                       | 133-1/2"      | 93.5           | 93.5    | 95.2            | 95.2    |
| 45"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 48"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 51"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 54"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 57"                       |               | 94.9           | 94.9    | 99.3            | 99.3    |
| 45"                       | 139-1/2"      | 100.0          | 100.0   | 100.0           | 100.0   |
| 48"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 51"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 54"                       |               | 100.0          | 100.0   | 100.0           | 100.0   |
| 57"                       |               | 97.5           | 97.5    | 100.0           | 100.0   |
| 60"                       |               | 91.6           | 91.6    | 95.9            | 95.9    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



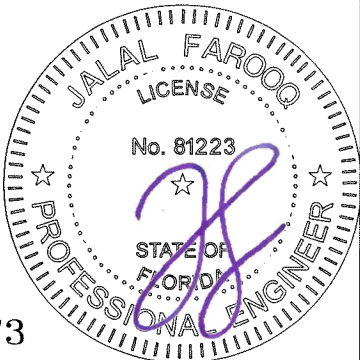
GLAZING DETAILS LEVEL 'E' IMPACT

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-16 (3 SEC. GUSTS).



NOTE:  
WIDTH AND LENGTH DIMENSIONS  
CAN BE ORIENTED VERTICALLY OR  
HORIZONTALLY AS SHOWN ABOVE.

Sealed: 8/6/2026



FL #19973

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\21-51FAGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

| no | date | by | description |
|----|------|----|-------------|
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |

date: 06-10-21

scale: 3/8" = 1"

dr. by: TARIQ

chk. by:

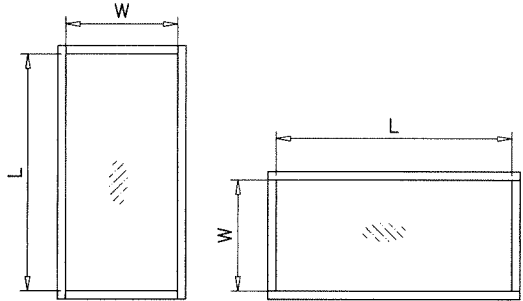
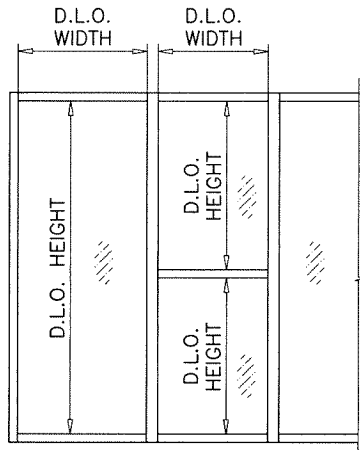
drawing no.

**21-51F**

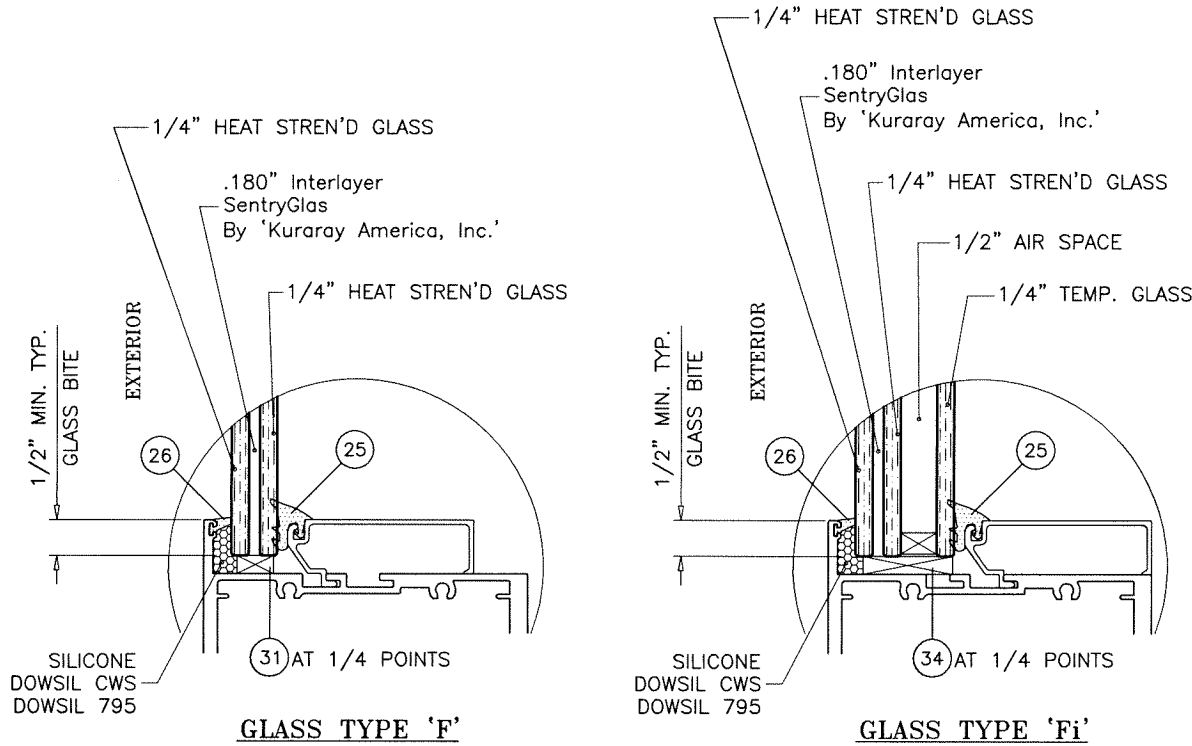
sheet 6 of 27

| GLASS LOAD CAPACITY - PSF |               |                           |         |
|---------------------------|---------------|---------------------------|---------|
| NOMINAL DIMS.             |               | GLASS TYPES<br>'F' & 'Fi' |         |
| D.L.O. WIDTH              | D.L.O. HEIGHT | EXT.(+)                   | INT.(-) |
| 45"                       | 91-1/2"       | 100.0                     | 100.0   |
| 48"                       |               | 100.0                     | 100.0   |
| 51"                       |               | 100.0                     | 100.0   |
| 54"                       |               | 100.0                     | 100.0   |
| 57"                       |               | 100.0                     | 100.0   |
| 60"                       |               | 95.2                      | 95.2    |
| 63"                       |               | 90.9                      | 90.9    |
| 66"                       | 103-1/2"      | 87.0                      | 87.0    |
| 69"                       |               | 83.3                      | 83.3    |
| 45"                       |               | 100.0                     | 100.0   |
| 48"                       |               | 100.0                     | 100.0   |
| 51"                       |               | 100.0                     | 100.0   |
| 54"                       |               | 100.0                     | 100.0   |
| 57"                       |               | 100.0                     | 100.0   |
| 60"                       |               | 95.2                      | 95.2    |
| 63"                       |               | 90.9                      | 90.9    |
| 45"                       | 115-1/2"      | 100.0                     | 100.0   |
| 48"                       |               | 100.0                     | 100.0   |
| 51"                       |               | 100.0                     | 100.0   |
| 54"                       |               | 100.0                     | 100.0   |
| 57"                       |               | 100.0                     | 100.0   |
| 45"                       | 127-1/2"      | 100.0                     | 100.0   |
| 48"                       |               | 100.0                     | 100.0   |
| 51"                       |               | 100.0                     | 100.0   |
| 45"                       | 139-1/2"      | 100.0                     | 100.0   |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



NOTE:  
WIDTH AND LENGTH DIMENSIONS  
CAN BE ORIENTED VERTICALLY OR  
HORIZONTALLY AS SHOWN ABOVE.



GLAZING DETAILS LEVEL 'E' IMPACT

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-16 (3 SEC. GUSTS).

Sealed: 8/6/2026

GLASS  
(LEVEL 'E' IMPACT)

JALAL FAROOQ

LICENSE

No. 81223

STATE OF FLORIDA

PROFESSIONAL ENGINEER

date: 06-10-21

scale: 3/8" = 1"

dr. by: TARIQ

chk. by:

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

Aldora Aluminum & Glass Products Inc.

4250 Coral Ridge Drive, Suite 101

Coral Springs, FL 33065

Tel. (954) 784-6900 Fax. (954) 784-6901

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

MIAMI, FLORIDA 33173

TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\21-51FAGP

revisions:

no

date

by description

date: 06-10-21

scale: 3/8" = 1"

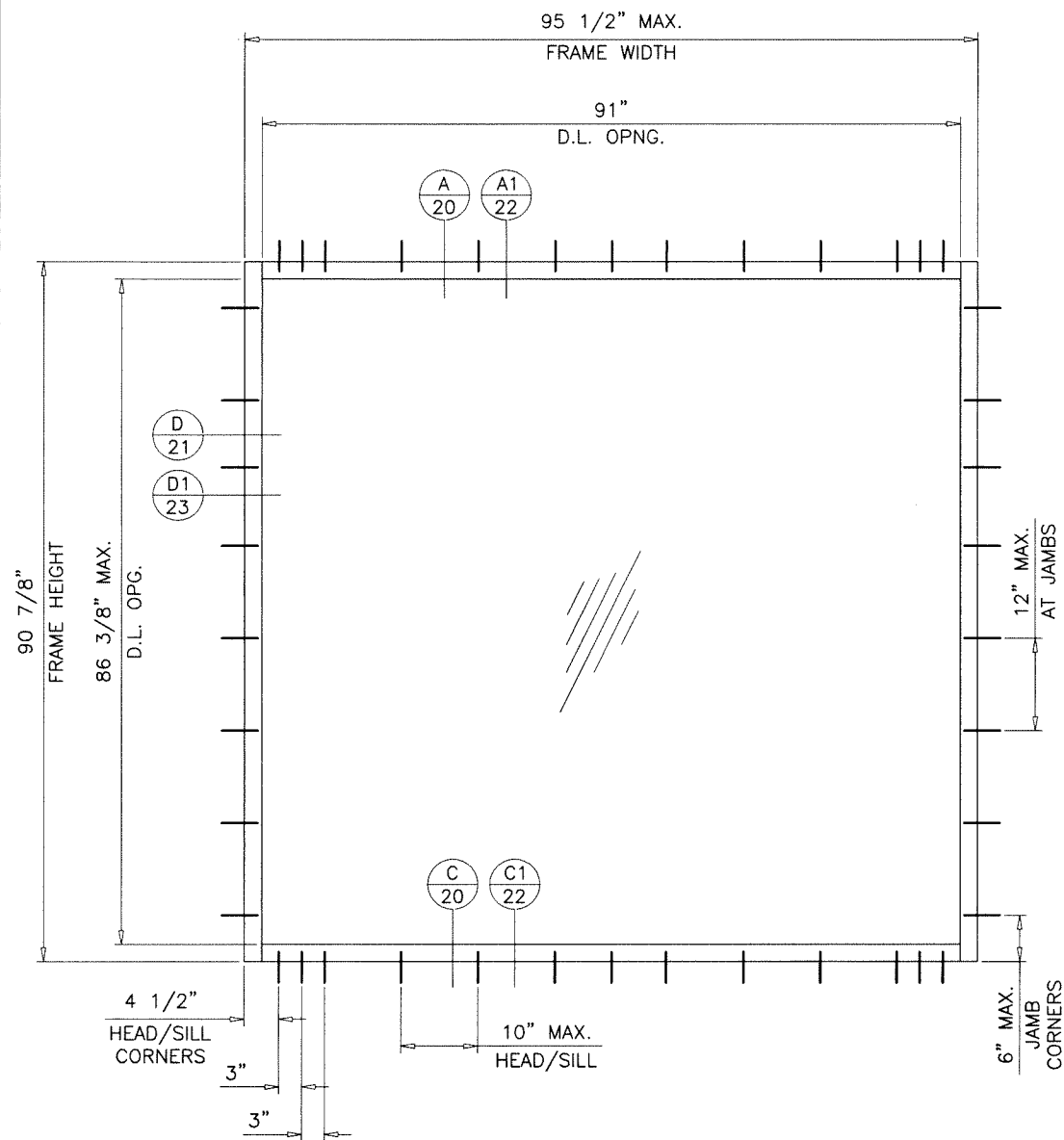
dr. by: TARIQ

chk. by:

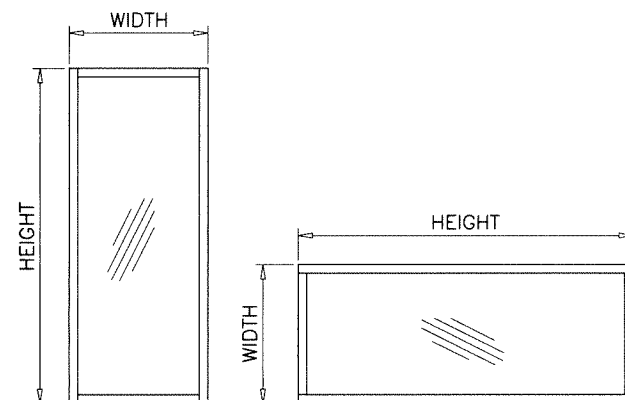
drawing no.

21-51F

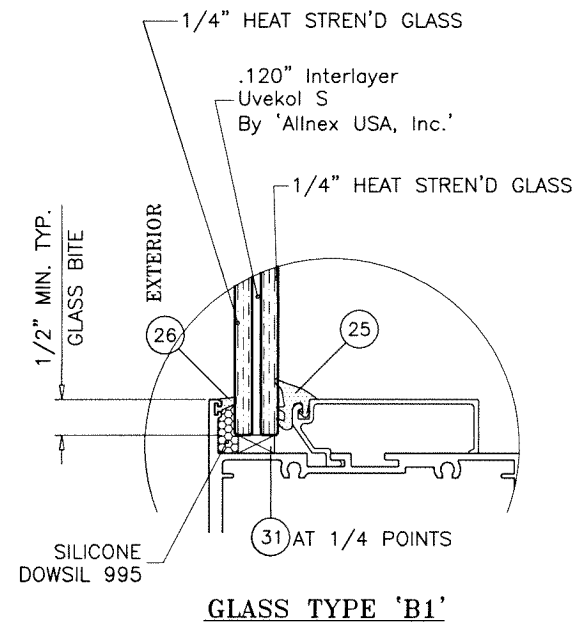
sheet 6.1 of 27



GLASS TYPE 'B1'  
 MAXIMUM DESIGN LOAD RATING = + 70.0 PSF  
 - 70.0 PSF  
 (FOR SIZE SHOWN ON THIS SHEET ONLY)



NOTE:  
 WIDTH AND HEIGHT DIMENSIONS CAN BE  
 ORIENTED VERTICALLY OR HORIZONTALLY  
 AS SHOWN ABOVE.



Sealed: 8/6/2026



FL #19973



---

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

COMP-ANL\21-51FAGP

---

SERIES FRONT SET ALUM WINDOW WALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
 4250 Coral Ridge Drive, Suite 101  
 Coral Springs, FL. 33065  
 Tel. (954) 784-6900 Fax. (954) 784-6901

| revisions: |                     |
|------------|---------------------|
| no         | date by description |
|            |                     |
|            |                     |
|            |                     |
|            |                     |

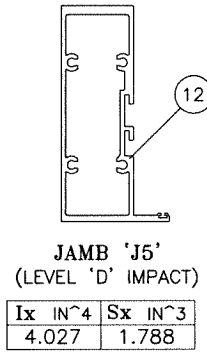
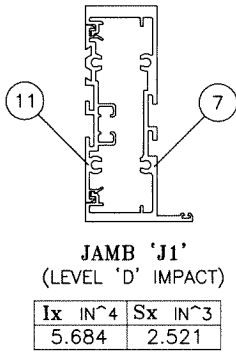
---

date: 06-10-21  
 scale: 1/2" = 1'-0"  
 dr. by: TARIQ  
 chk. by:

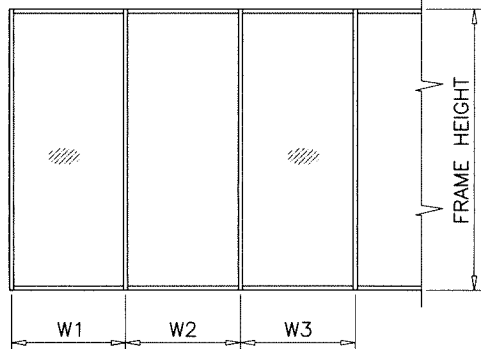
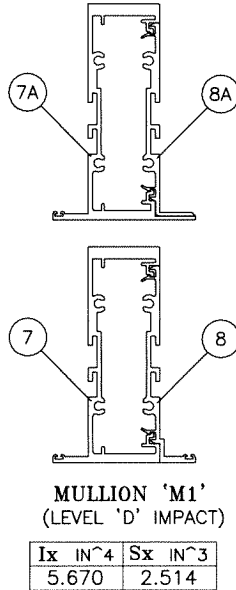
drawing no.  
**21-51F**  
 sheet 2.1 of 27

| DESIGN LOAD CAPACITY - PSF<br>NON-THERMAL MULLION<br>WITHOUT INTERMEDIATE HORIZONTALS |              |                                   |         |
|---------------------------------------------------------------------------------------|--------------|-----------------------------------|---------|
| NOMINAL DIMS.                                                                         |              | JAMBS 'J1' & 'J5'<br>MULLION 'M1' |         |
| WIDTH (W)                                                                             | FRAME HEIGHT | EXT.(+)                           | INT.(-) |
| 30"                                                                                   | 84"          | 90.0                              | 90.0    |
| 36"                                                                                   |              | 90.0                              | 90.0    |
| 42"                                                                                   |              | 90.0                              | 90.0    |
| 48"                                                                                   |              | 90.0                              | 90.0    |
| 54"                                                                                   |              | 90.0                              | 90.0    |
| 60"                                                                                   |              | 90.0                              | 90.0    |
| 61"                                                                                   |              | 90.0                              | 90.0    |
| 66"                                                                                   |              | 80.0                              | 80.0    |
| 72"                                                                                   |              | 80.0                              | 80.0    |
| 30"                                                                                   | 90"          | 90.0                              | 90.0    |
| 36"                                                                                   |              | 90.0                              | 90.0    |
| 42"                                                                                   |              | 90.0                              | 90.0    |
| 48"                                                                                   |              | 90.0                              | 90.0    |
| 54"                                                                                   |              | 90.0                              | 90.0    |
| 57"                                                                                   |              | 88.6                              | 88.6    |
| 60"                                                                                   |              | 80.0                              | 80.0    |
| 66"                                                                                   |              | 80.0                              | 80.0    |
| 72"                                                                                   |              | 77.3                              | 77.3    |
| 30"                                                                                   | 96"          | 90.0                              | 90.0    |
| 36"                                                                                   |              | 90.0                              | 90.0    |
| 42"                                                                                   |              | 90.0                              | 90.0    |
| 48"                                                                                   |              | 86.7                              | 86.7    |
| 54"                                                                                   |              | 78.9                              | 78.9    |
| 60"                                                                                   |              | 73.1                              | 73.1    |
| 66"                                                                                   |              | 68.6                              | 68.6    |
| 72"                                                                                   |              | 65.3                              | 65.3    |
| 30"                                                                                   | 102"         | 90.0                              | 90.0    |
| 36"                                                                                   |              | 90.0                              | 90.0    |
| 42"                                                                                   |              | 84.4                              | 84.4    |
| 48"                                                                                   |              | 75.4                              | 75.4    |
| 50"                                                                                   |              | 72.9                              | 72.9    |
| 54"                                                                                   |              | 68.5                              | 68.5    |
| 60"                                                                                   |              | 63.2                              | 63.2    |
| 66"                                                                                   |              | 59.0                              | 59.0    |
| 70"                                                                                   |              | 56.8                              | 56.8    |
| 30"                                                                                   | 108"         | 90.0                              | 90.0    |
| 36"                                                                                   |              | 80.9                              | 80.9    |
| 42"                                                                                   |              | 70.5                              | 70.5    |
| 48"                                                                                   |              | 62.9                              | 62.9    |
| 54"                                                                                   |              | 57.2                              | 57.2    |
| 60"                                                                                   |              | 52.8                              | 52.8    |
| 66"                                                                                   |              | 49.4                              | 49.4    |
| 30"                                                                                   | 114"         | 81.2                              | 81.2    |
| 36"                                                                                   |              | 68.5                              | 68.5    |
| 42"                                                                                   |              | 59.6                              | 59.6    |
| 48"                                                                                   |              | 53.1                              | 53.1    |
| 54"                                                                                   |              | 48.1                              | 48.1    |
| 60"                                                                                   |              | 44.3                              | 44.3    |
| 63"                                                                                   |              | 42.7                              | 42.7    |
| 30"                                                                                   | 120"         | 69.4                              | 69.4    |
| 36"                                                                                   |              | 58.5                              | 58.5    |
| 42"                                                                                   |              | 50.8                              | 50.8    |
| 48"                                                                                   |              | 45.2                              | 45.2    |
| 54"                                                                                   |              | 40.9                              | 40.9    |
| 60"                                                                                   |              | 37.5                              | 37.5    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



FOR UNSECURED (UNANCHORED) JAMB 'J5'  
LIMIT MAX. DESIGN LOAD TO ±65.0 PSF



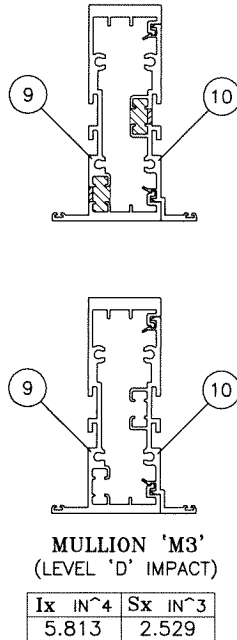
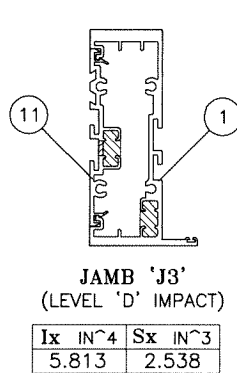
WIDTH (W) = W1  
AT FRAME JAMB

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

NOTE:  
JAMBS 'J1', 'J5' AND 'J3' MAY BE SECURED (ANCHORED)  
OR UNSECURED (UNANCHORED)  
FOR SECURED JAMBS, USE ANCHOR SPACING  
SHOWN ON SHEET 1.  
FOR UNSECURED JAMBS VERIFY MAX. GAPS ON  
SHEETS 21 OR 23.

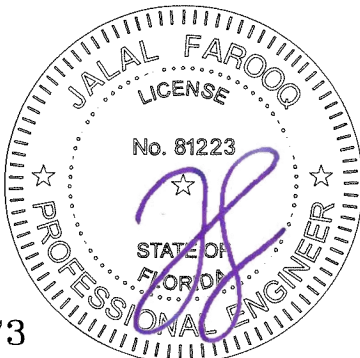
| DESIGN LOAD CAPACITY - PSF<br>THERMAL MULLION<br>WITHOUT INTERMEDIATE HORIZONTALS |              |                           |         |
|-----------------------------------------------------------------------------------|--------------|---------------------------|---------|
| NOMINAL DIMS.                                                                     |              | JAMB 'J3'<br>MULLION 'M3' |         |
| WIDTH (W)                                                                         | FRAME HEIGHT | EXT.(+)                   | INT.(-) |
| 30"                                                                               | 84"          | 90.0                      | 90.0    |
| 36"                                                                               |              | 90.0                      | 90.0    |
| 42"                                                                               |              | 90.0                      | 90.0    |
| 48"                                                                               |              | 90.0                      | 90.0    |
| 54"                                                                               |              | 90.0                      | 90.0    |
| 60"                                                                               |              | 80.0                      | 80.0    |
| 66"                                                                               |              | 80.0                      | 80.0    |
| 72"                                                                               |              | 80.0                      | 80.0    |
| 30"                                                                               | 90"          | 90.0                      | 90.0    |
| 36"                                                                               |              | 90.0                      | 90.0    |
| 42"                                                                               |              | 90.0                      | 90.0    |
| 48"                                                                               |              | 90.0                      | 90.0    |
| 51"                                                                               |              | 90.0                      | 90.0    |
| 54"                                                                               |              | 80.0                      | 80.0    |
| 60"                                                                               |              | 80.0                      | 80.0    |
| 66"                                                                               |              | 80.0                      | 80.0    |
| 72"                                                                               |              | 77.9                      | 77.9    |
| 30"                                                                               | 96"          | 90.0                      | 90.0    |
| 36"                                                                               |              | 90.0                      | 90.0    |
| 42"                                                                               |              | 90.0                      | 90.0    |
| 48"                                                                               |              | 87.3                      | 87.3    |
| 54"                                                                               |              | 79.5                      | 79.5    |
| 60"                                                                               |              | 73.6                      | 73.6    |
| 66"                                                                               |              | 69.1                      | 69.1    |
| 72"                                                                               |              | 65.7                      | 65.7    |
| 30"                                                                               | 102"         | 80.0                      | 80.0    |
| 36"                                                                               |              | 80.0                      | 80.0    |
| 42"                                                                               |              | 80.0                      | 80.0    |
| 48"                                                                               |              | 75.9                      | 75.9    |
| 54"                                                                               |              | 68.9                      | 68.9    |
| 60"                                                                               |              | 63.6                      | 63.6    |
| 66"                                                                               |              | 59.4                      | 59.4    |
| 70"                                                                               |              | 57.2                      | 57.2    |
| 30"                                                                               | 108"         | 80.0                      | 80.0    |
| 36"                                                                               |              | 80.0                      | 80.0    |
| 42"                                                                               |              | 72.3                      | 72.3    |
| 48"                                                                               |              | 64.5                      | 64.5    |
| 54"                                                                               |              | 58.7                      | 58.7    |
| 60"                                                                               |              | 54.2                      | 54.2    |
| 66"                                                                               |              | 50.7                      | 50.7    |
| 30"                                                                               | 114"         | 80.0                      | 80.0    |
| 36"                                                                               |              | 70.2                      | 70.2    |
| 42"                                                                               |              | 61.1                      | 61.1    |
| 48"                                                                               |              | 54.4                      | 54.4    |
| 54"                                                                               |              | 49.3                      | 49.3    |
| 60"                                                                               |              | 45.4                      | 45.4    |
| 63"                                                                               |              | 43.8                      | 43.8    |
| 30"                                                                               | 120"         | 71.2                      | 71.2    |
| 36"                                                                               |              | 60.0                      | 60.0    |
| 42"                                                                               |              | 52.1                      | 52.1    |
| 48"                                                                               |              | 46.3                      | 46.3    |
| 54"                                                                               |              | 41.9                      | 41.9    |
| 60"                                                                               |              | 38.5                      | 38.5    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



Sealed: 8/6/2026

JAMB & MULLIONS  
(LEVEL 'D' IMPACT)  
WITHOUT HORIZONTALS



FL #19973

**af 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\21-51FAGP

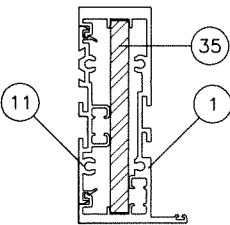
SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

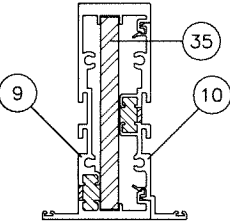
revisions:  
no date by description  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300  
301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400  
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500  
501  
502  
503  
504  
505  
506  
507  
508  
509  
510  
511  
512  
513  
514  
515  
516  
517  
518  
519  
520  
521  
522  
523  
524  
525  
526  
527  
528  
529  
530  
531  
532  
533  
534  
535  
536  
537  
538  
539  
540  
541  
542  
543  
544  
545  
546  
547  
548  
549  
550  
551  
552  
553  
554  
555  
556  
557  
558  
559  
560  
561  
562  
563  
564  
565  
566  
567  
568  
569  
570  
571  
572  
573  
574  
575  
576  
577  
578  
579  
580  
581  
582  
583  
584  
585  
586  
587  
588  
589  
590  
591  
592  
593  
594  
595  
596  
597  
598  
599  
600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632  
633  
634  
635  
636  
637  
638  
639  
640  
641  
642  
643  
644  
645  
646  
647  
648  
649  
650  
651  
652  
653  
654  
655  
656  
657  
658  
659  
660  
661  
662  
663  
664  
665  
666  
667  
668  
669  
670  
671  
672  
673  
674  
675  
676  
677  
678  
679  
680  
681  
682  
683  
684  
685  
686  
687  
688  
689  
690  
691  
692  
693  
694  
695  
696  
697  
698  
699  
700  
701  
702  
703  
704  
705  
706  
707  
708  
709  
710  
711  
712  
713  
714  
715  
716  
717  
718  
719  
720  
721  
722  
723  
724  
725  
726  
727  
728  
729  
730  
731  
732  
733  
734  
735  
736  
737  
738  
739  
740  
741  
742  
743  
744  
745  
746  
747  
748  
749  
750  
751  
752  
753  
754  
755  
756  
757  
758  
759  
760  
761  
762  
763  
764  
765  
766  
767  
768  
769  
770  
771  
772  
773  
774  
775  
776  
777  
778  
779  
780  
781  
782  
783  
784  
785  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798  
799  
800  
801  
802  
803  
804  
805  
806  
807  
808  
809  
810  
811  
812  
813  
814  
815  
816  
817  
818  
819  
820  
821  
822  
823  
824  
825  
826  
827  
828  
829  
830  
831  
832  
833  
834  
835  
836  
837  
838  
839  
840  
841  
842  
843  
844  
845  
846  
847  
848  
849  
850  
851  
852  
853  
854  
855  
856  
857  
858  
859  
860  
861  
862  
863  
864  
865  
866  
867  
868  
869  
870  
871  
872  
873  
874  
875  
876  
877  
878  
879  
880  
881  
882  
883  
884  
885  
886  
887  
888  
889  
890  
891  
892  
893  
894  
895  
896  
897  
898  
899  
900  
901  
902  
903  
904  
905  
906  
907  
908  
909  
910  
911  
912  
913  
914  
915  
916  
917  
918  
919  
920  
921  
922  
923  
924  
925  
926  
927  
928  
929  
930  
931  
932  
933  
934  
935  
936  
937  
938  
939  
940  
941  
942  
943  
944  
945  
946  
947  
948  
949  
950  
951  
952  
953  
954  
955  
956  
957  
958  
959  
960  
961  
962  
963  
964  
965  
966  
967  
968  
969  
970  
971  
972  
973  
974  
975  
976  
977  
978  
979  
980  
981  
982  
983  
984  
985  
986  
987  
988  
989  
990  
991  
992  
993  
994  
995  
996  
997  
998  
999  
1000  
1001  
1002  
1003  
1004  
1005  
1006  
1007  
1008  
1009  
1010  
1011  
1012  
1013  
1014  
1015  
1016  
1017  
1018  
1019  
1020  
1021  
1022  
1023  
1024  
1025  
1026  
1027  
1028  
1029  
1030  
1031  
1032  
1033  
1034  
1035  
1036  
1037  
1038  
1039  
1040  
1041  
1042  
1043  
1044  
1045  
1046  
1047  
1048  
1049  
1050  
1051  
1052  
1053  
1054  
1055  
1056  
1057  
1058  
1059  
1060  
1061  
1062  
1063  
1064  
1065  
1066  
1067  
1068  
1069  
1070  
1071  
1072  
1073  
1074  
1075  
1076  
1077  
1078  
1079  
1080  
1081  
1082  
1083  
1084  
1085  
1086  
1087  
1088  
1089  
1090  
1091  
1092  
1093  
1094  
1095  
1096  
1097  
1098  
1099  
1100  
1101  
1102  
1103  
1104  
1105  
1106  
1107  
1108  
1109  
1110  
1111  
1112  
1113  
1114  
1115  
1116  
1117  
1118  
1119  
1120  
1121  
1122  
1123  
1124  
1125  
1126  
1127  
1128  
1129  
1130  
1131  
1132  
1133  
1134  
1135  
1136  
1137  
1138  
1139  
1140  
1141  
1142  
1143  
1144  
1145  
1146  
1147  
1148  
1149  
1150  
1151  
1152  
1153  
1154  
1155  
1156  
1157  
1158  
1159  
1160  
1161  
1162  
1163  
1164  
1165  
1166  
1167  
1168  
1169  
1170  
1171  
1172  
1173  
1174  
1175  
1176  
1177  
1178  
1179  
1180  
1181  
1182  
1183  
1184  
1185  
1186  
1187  
1188  
1189  
1190  
1191  
1192  
1193  
1194  
1195  
1196  
1197  
1198  
1199  
1200  
1201  
1202  
1203  
1204  
1205  
1206  
1207  
1208  
1209  
1210  
1211  
1212  
1213  
1214  
1215  
1216  
1217  
1218  
1219  
1220  
1221  
1222  
1223  
1224  
1225  
1226  
1227  
1228  
1229  
1230  
1231  
1232  
1233  
1234  
1235  
1236  
1237  
1238  
1239  
1240  
1241  
12

| DESIGN LOAD CAPACITY – PSF<br>THERMAL MULLION<br>WITHOUT INTERMEDIATE HORIZONTALS |              |                           |         |
|-----------------------------------------------------------------------------------|--------------|---------------------------|---------|
| NOMINAL DIMS.                                                                     |              | JAMB 'J4'<br>MULLION 'M4' |         |
| WIDTH (W)                                                                         | FRAME HEIGHT | EXT.(+)                   | INT.(–) |
| 30"                                                                               | 84"          | 100.0                     | 100.0   |
| 36"                                                                               |              | 100.0                     | 100.0   |
| 42"                                                                               |              | 100.0                     | 100.0   |
| 48"                                                                               |              | 100.0                     | 100.0   |
| 54"                                                                               |              | 100.0                     | 100.0   |
| 60"                                                                               |              | 100.0                     | 100.0   |
| 66"                                                                               |              | 60.0                      | 60.0    |
| 72"                                                                               |              | 60.0                      | 60.0    |
| 30"                                                                               | 90"          | 100.0                     | 100.0   |
| 36"                                                                               |              | 100.0                     | 100.0   |
| 42"                                                                               |              | 100.0                     | 100.0   |
| 48"                                                                               |              | 100.0                     | 100.0   |
| 54"                                                                               |              | 100.0                     | 100.0   |
| 56"                                                                               |              | 100.0                     | 100.0   |
| 60"                                                                               |              | 60.0                      | 60.0    |
| 66"                                                                               |              | 60.0                      | 60.0    |
| 72"                                                                               |              | 60.0                      | 60.0    |
| 30"                                                                               | 96"          | 100.0                     | 100.0   |
| 36"                                                                               |              | 100.0                     | 100.0   |
| 42"                                                                               |              | 100.0                     | 100.0   |
| 48"                                                                               |              | 100.0                     | 100.0   |
| 52"                                                                               |              | 100.0                     | 100.0   |
| 54"                                                                               |              | 60.0                      | 60.0    |
| 60"                                                                               |              | 60.0                      | 60.0    |
| 66"                                                                               |              | 60.0                      | 60.0    |
| 72"                                                                               |              | 60.0                      | 60.0    |
| 30"                                                                               | 102"         | 100.0                     | 100.0   |
| 39"                                                                               |              | 100.0                     | 100.0   |
| 42"                                                                               |              | 100.0                     | 100.0   |
| 48"                                                                               |              | 100.0                     | 100.0   |
| 49"                                                                               |              | 100.0                     | 100.0   |
| 54"                                                                               |              | 60.0                      | 60.0    |
| 60"                                                                               |              | 60.0                      | 60.0    |
| 66"                                                                               |              | 60.0                      | 60.0    |
| 72"                                                                               |              | 60.0                      | 60.0    |
| 30"                                                                               | 108"         | 100.0                     | 100.0   |
| 36"                                                                               |              | 100.0                     | 100.0   |
| 42"                                                                               |              | 100.0                     | 100.0   |
| 46"                                                                               |              | 99.2                      | 99.2    |
| 48"                                                                               |              | 60.0                      | 60.0    |
| 54"                                                                               |              | 60.0                      | 60.0    |
| 60"                                                                               |              | 60.0                      | 60.0    |
| 66"                                                                               |              | 60.0                      | 60.0    |
| 72"                                                                               |              | 60.0                      | 60.0    |
| 30"                                                                               | 114"         | 100.0                     | 100.0   |
| 36"                                                                               |              | 100.0                     | 100.0   |
| 42"                                                                               |              | 96.0                      | 96.0    |
| 44"                                                                               |              | 92.0                      | 92.0    |
| 48"                                                                               |              | 60.0                      | 60.0    |
| 54"                                                                               |              | 60.0                      | 60.0    |
| 60"                                                                               |              | 60.0                      | 60.0    |
| 66"                                                                               |              | 60.0                      | 60.0    |
| 72"                                                                               |              | 60.0                      | 60.0    |

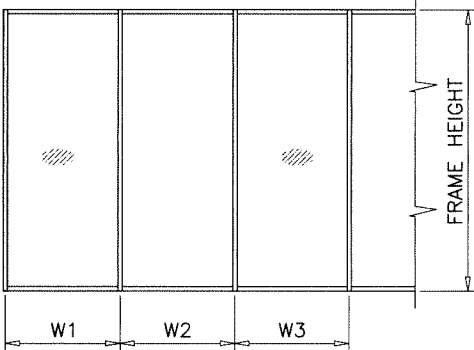
| DESIGN LOAD CAPACITY – PSF<br>THERMAL MULLION<br>WITHOUT INTERMEDIATE HORIZONTALS |              |                           |         |
|-----------------------------------------------------------------------------------|--------------|---------------------------|---------|
| NOMINAL DIMS.                                                                     |              | JAMB 'J4'<br>MULLION 'M4' |         |
| WIDTH (W)                                                                         | FRAME HEIGHT | EXT.(+)                   | INT.(–) |
| 30"                                                                               | 120"         | 100.0                     | 100.0   |
| 36"                                                                               |              | 99.5                      | 99.5    |
| 42"                                                                               |              | 86.2                      | 86.2    |
| 48"                                                                               |              | 60.0                      | 60.0    |
| 54"                                                                               |              | 60.0                      | 60.0    |
| 60"                                                                               |              | 60.0                      | 60.0    |
| 66"                                                                               |              | 58.5                      | 58.5    |
| 72"                                                                               |              | 54.8                      | 54.8    |
| 30"                                                                               | 126"         | 60.0                      | 60.0    |
| 36"                                                                               |              | 60.0                      | 60.0    |
| 42"                                                                               |              | 60.0                      | 60.0    |
| 48"                                                                               |              | 60.0                      | 60.0    |
| 54"                                                                               |              | 60.0                      | 60.0    |
| 60"                                                                               |              | 56.7                      | 56.7    |
| 66"                                                                               |              | 52.5                      | 52.5    |
| 72"                                                                               |              | 49.0                      | 49.0    |
| 30"                                                                               | 132"         | 60.0                      | 60.0    |
| 36"                                                                               |              | 60.0                      | 60.0    |
| 42"                                                                               |              | 60.0                      | 60.0    |
| 48"                                                                               |              | 60.0                      | 60.0    |
| 54"                                                                               |              | 56.3                      | 56.3    |
| 60"                                                                               |              | 51.3                      | 51.3    |
| 65"                                                                               |              | 48.0                      | 48.0    |
| 30"                                                                               | 138"         | 60.0                      | 60.0    |
| 36"                                                                               |              | 60.0                      | 60.0    |
| 42"                                                                               |              | 60.0                      | 60.0    |
| 48"                                                                               |              | 57.0                      | 57.0    |
| 54"                                                                               |              | 51.2                      | 51.2    |
| 60"                                                                               |              | 46.7                      | 46.7    |
| 62"                                                                               |              | 45.4                      | 45.4    |
| 30"                                                                               | 144"         | 60.0                      | 60.0    |
| 36"                                                                               |              | 60.0                      | 60.0    |
| 42"                                                                               |              | 59.0                      | 59.0    |
| 48"                                                                               |              | 52.2                      | 52.2    |
| 54"                                                                               |              | 46.9                      | 46.9    |
| 60"                                                                               |              | 42.6                      | 42.6    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

|                                                                                    |         |                                        |  |
|------------------------------------------------------------------------------------|---------|----------------------------------------|--|
|  |         | <b>JAMB 'J4'</b><br>(LEVEL 'D' IMPACT) |  |
|                                                                                    | Ix IN^4 | Sx IN^3                                |  |
| ALUMINUM                                                                           | 5.813   | 2.538                                  |  |
| STEEL                                                                              | 2.000   | 1.000                                  |  |
| TOTAL                                                                              |         |                                        |  |
| Ix ALUM + Ix STL X 2.9                                                             | 11.613  |                                        |  |

|                                                                                     |         |                                           |  |
|-------------------------------------------------------------------------------------|---------|-------------------------------------------|--|
|  |         | <b>MULLION 'M4'</b><br>(LEVEL 'D' IMPACT) |  |
|                                                                                     | Ix IN^4 | Sx IN^3                                   |  |
| ALUMINUM                                                                            | 5.813   | 2.529                                     |  |
| STEEL                                                                               | 2.000   | 1.000                                     |  |
| TOTAL                                                                               |         |                                           |  |
| Ix ALUM + Ix STL X 2.9                                                              | 11.613  |                                           |  |

NOTE:  
JAMB 'J4' MAY BE SECURED (ANCHORED)  
OR UNSECURED (UNANCHORED)  
FOR SECURED JAMBS, USE ANCHOR SPACING  
SHOWN ON SHEET 1.  
FOR UNSECURED JAMBS VERIFY MAX. GAPS ON  
SHEETS 21 OR 23.



WIDTH (W) = W1  
AT FRAME JAMB

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

Sealed: 8/6/2026

JAMB & MULLIONS  
(LEVEL 'D' IMPACT)  
WITHOUT HORIZONTALS



FL #19973

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\21-51FAGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

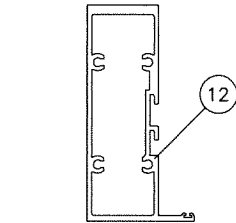
revisions:  
no date by description

date: 06-10-21  
scale: -  
dr. by: TARIQ  
chk. by:

drawing no.  
**21-51F**  
sheet 8 of 27

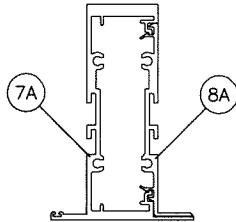
| DESIGN LOAD CAPACITY - PSF<br>NON-THERMAL MULLION<br>WITHOUT INTERMEDIATE HORIZONTALS |              |                           |         |
|---------------------------------------------------------------------------------------|--------------|---------------------------|---------|
| NOMINAL DIMS.                                                                         |              | JAMB 'J5'<br>MULLION 'M1' |         |
| WIDTH (W)                                                                             | FRAME HEIGHT | EXT.(+)                   | INT.(-) |
| 30"                                                                                   | 84"          | 90.0                      | 90.0    |
| 36"                                                                                   |              | 90.0                      | 90.0    |
| 42"                                                                                   |              | 90.0                      | 90.0    |
| 48"                                                                                   |              | 90.0                      | 90.0    |
| 54"                                                                                   |              | 90.0                      | 90.0    |
| 57"                                                                                   |              | 90.0                      | 90.0    |
| 30"                                                                                   | 90"          | 90.0                      | 90.0    |
| 36"                                                                                   |              | 90.0                      | 90.0    |
| 42"                                                                                   |              | 90.0                      | 90.0    |
| 48"                                                                                   |              | 90.0                      | 90.0    |
| 53-1/2"                                                                               |              | 90.0                      | 90.0    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



JAMB 'J5'  
(LEVEL 'D' & 'E' IMPACT)

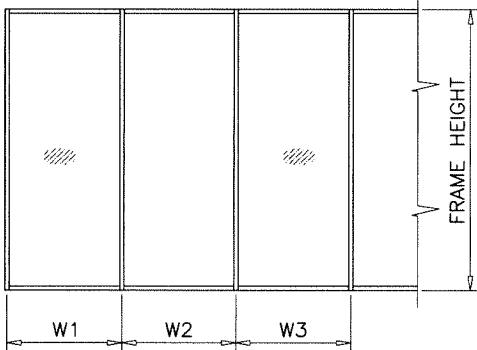
| Ix    | IN <sup>4</sup> | Sx | IN <sup>3</sup> |
|-------|-----------------|----|-----------------|
| 4.027 | 1.788           |    |                 |



MULLION 'M1'  
(LEVEL 'D' & 'E' IMPACT)

| Ix    | IN <sup>4</sup> | Sx | IN <sup>3</sup> |
|-------|-----------------|----|-----------------|
| 5.670 | 2.514           |    |                 |

WITHOUT INTERMEDIATE HORIZONTALS



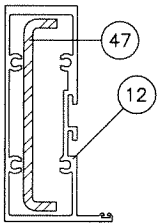
WIDTH (W) = W1  
AT FRAME JAMB

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

| DESIGN LOAD CAPACITY - PSF<br>NON-THERMAL MULLION<br>WITHOUT INTERMEDIATE HORIZONTALS |              |                                 |         |
|---------------------------------------------------------------------------------------|--------------|---------------------------------|---------|
| NOMINAL DIMS.                                                                         |              | JAMB 'J2'/'J2A'<br>MULLION 'M2' |         |
| WIDTH (W)                                                                             | FRAME HEIGHT | EXT.(+)                         | INT.(-) |
| 30"                                                                                   | 84"          | 120.0                           | 135.0   |
| 36"                                                                                   |              | 120.0                           | 135.0   |
| 42"                                                                                   |              | 120.0                           | 135.0   |
| 48"                                                                                   |              | 120.0                           | 135.0   |
| 54"                                                                                   |              | 120.0                           | 135.0   |
| 60"                                                                                   |              | 120.0                           | 135.0   |
| 66"                                                                                   |              | 100.0                           | 100.0   |
| 72"                                                                                   |              | 100.0                           | 100.0   |
| 30"                                                                                   | 90"          | 120.0                           | 135.0   |
| 36"                                                                                   |              | 120.0                           | 135.0   |
| 42"                                                                                   |              | 120.0                           | 135.0   |
| 48"                                                                                   |              | 120.0                           | 135.0   |
| 54"                                                                                   |              | 120.0                           | 135.0   |
| 56"                                                                                   |              | 120.0                           | 135.0   |
| 60"                                                                                   |              | 100.0                           | 100.0   |
| 66"                                                                                   |              | 100.0                           | 100.0   |
| 72"                                                                                   |              | 100.0                           | 100.0   |
| 30"                                                                                   | 96"          | 120.0                           | 135.0   |
| 36"                                                                                   |              | 120.0                           | 135.0   |
| 42"                                                                                   |              | 120.0                           | 135.0   |
| 48"                                                                                   |              | 120.0                           | 135.0   |
| 52"                                                                                   |              | 120.0                           | 135.0   |
| 54"                                                                                   |              | 100.0                           | 100.0   |
| 60"                                                                                   |              | 100.0                           | 100.0   |
| 66"                                                                                   |              | 100.0                           | 100.0   |
| 72"                                                                                   |              | 100.0                           | 100.0   |
| 30"                                                                                   | 102"         | 120.0                           | 135.0   |
| 39"                                                                                   |              | 120.0                           | 135.0   |
| 42"                                                                                   |              | 120.0                           | 135.0   |
| 48"                                                                                   |              | 120.0                           | 135.0   |
| 49"                                                                                   |              | 120.0                           | 135.0   |
| 54"                                                                                   |              | 100.0                           | 100.0   |
| 60"                                                                                   |              | 100.0                           | 100.0   |
| 66"                                                                                   |              | 100.0                           | 100.0   |
| 72"                                                                                   |              | 100.0                           | 100.0   |
| 30"                                                                                   | 108"         | 120.0                           | 135.0   |
| 36"                                                                                   |              | 120.0                           | 135.0   |
| 42"                                                                                   |              | 120.0                           | 135.0   |
| 46"                                                                                   |              | 120.0                           | 135.0   |
| 48"                                                                                   |              | 100.0                           | 100.0   |
| 54"                                                                                   |              | 100.0                           | 100.0   |
| 60"                                                                                   |              | 100.0                           | 100.0   |
| 66"                                                                                   |              | 100.0                           | 100.0   |
| 72"                                                                                   |              | 100.0                           | 100.0   |
| 30"                                                                                   | 114"         | 120.0                           | 135.0   |
| 36"                                                                                   |              | 120.0                           | 135.0   |
| 42"                                                                                   |              | 120.0                           | 135.0   |
| 44"                                                                                   |              | 120.0                           | 135.0   |
| 48"                                                                                   |              | 100.0                           | 100.0   |
| 54"                                                                                   |              | 100.0                           | 100.0   |
| 60"                                                                                   |              | 100.0                           | 100.0   |
| 66"                                                                                   |              | 96.8                            | 96.8    |
| 72"                                                                                   |              | 90.9                            | 90.9    |

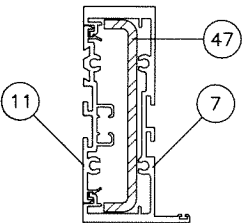
| DESIGN LOAD CAPACITY - PSF<br>NON-THERMAL MULLION<br>WITHOUT INTERMEDIATE HORIZONTALS |              |                                 |         |
|---------------------------------------------------------------------------------------|--------------|---------------------------------|---------|
| NOMINAL DIMS.                                                                         |              | JAMB 'J2'/'J2A'<br>MULLION 'M2' |         |
| WIDTH (W)                                                                             | FRAME HEIGHT | EXT.(+)                         | INT.(-) |
| 30"                                                                                   | 120"         | 120.0                           | 135.0   |
| 36"                                                                                   |              | 120.0                           | 135.0   |
| 42"                                                                                   |              | 120.0                           | 128.0   |
| 48"                                                                                   |              | 100.0                           | 100.0   |
| 54"                                                                                   |              | 100.0                           | 100.0   |
| 60"                                                                                   |              | 93.1                            | 93.1    |
| 66"                                                                                   |              | 86.3                            | 86.3    |
| 72"                                                                                   |              | 80.8                            | 80.8    |
| 30"                                                                                   | 126"         | 100.0                           | 100.0   |
| 36"                                                                                   |              | 100.0                           | 100.0   |
| 42"                                                                                   |              | 100.0                           | 100.0   |
| 48"                                                                                   |              | 100.0                           | 100.0   |
| 54"                                                                                   |              | 91.6                            | 91.6    |
| 60"                                                                                   |              | 83.7                            | 83.7    |
| 66"                                                                                   |              | 77.4                            | 77.4    |
| 68"                                                                                   |              | 75.6                            | 75.6    |
| 30"                                                                                   | 132"         | 100.0                           | 100.0   |
| 36"                                                                                   |              | 100.0                           | 100.0   |
| 42"                                                                                   |              | 100.0                           | 100.0   |
| 48"                                                                                   |              | 92.3                            | 92.3    |
| 54"                                                                                   |              | 83.0                            | 83.0    |
| 60"                                                                                   |              | 75.7                            | 75.7    |
| 65"                                                                                   |              | 70.8                            | 70.8    |
| 30"                                                                                   | 138"         | 100.0                           | 100.0   |
| 36"                                                                                   |              | 100.0                           | 100.0   |
| 42"                                                                                   |              | 95.3                            | 95.3    |
| 48"                                                                                   |              | 84.1                            | 84.1    |
| 54"                                                                                   |              | 75.6                            | 75.6    |
| 60"                                                                                   |              | 68.9                            | 68.9    |
| 62"                                                                                   |              | 67.0                            | 67.0    |
| 30"                                                                                   | 144"         | 100.0                           | 100.0   |
| 36"                                                                                   |              | 100.0                           | 100.0   |
| 42"                                                                                   |              | 87.1                            | 87.1    |
| 48"                                                                                   |              | 77.0                            | 77.0    |
| 54"                                                                                   |              | 69.1                            | 69.1    |
| 60"                                                                                   |              | 62.9                            | 62.9    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



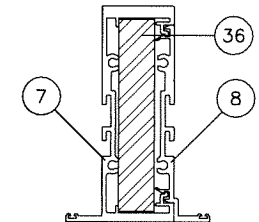
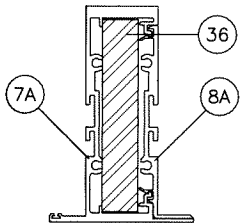
JAMB 'J2'  
(LEVEL 'D' & 'E' IMPACT)

|                        | Ix    | IN <sup>4</sup> | Sx | IN <sup>3</sup> |
|------------------------|-------|-----------------|----|-----------------|
| ALUMINUM               | 4.027 | 1.788           |    |                 |
| STEEL                  | 1.566 | .783            |    |                 |
| TOTAL                  |       |                 |    |                 |
| Ix ALUM + Ix STL X 2.9 | 8.523 |                 |    |                 |



JAMB 'J2A'  
(LEVEL 'D' & 'E' IMPACT)

|                        | Ix     | IN <sup>4</sup> | Sx | IN <sup>3</sup> |
|------------------------|--------|-----------------|----|-----------------|
| ALUMINUM               | 5.684  | 2.521           |    |                 |
| STEEL                  | 1.566  | .783            |    |                 |
| TOTAL                  |        |                 |    |                 |
| Ix ALUM + Ix STL X 2.9 | 10.180 |                 |    |                 |



MULLION 'M2'  
(LEVEL 'D' & 'E' IMPACT)

|                        | Ix     | IN <sup>4</sup> | Sx | IN <sup>3</sup> |
|------------------------|--------|-----------------|----|-----------------|
| ALUMINUM               | 5.670  | 2.514           |    |                 |
| STEEL                  | 4.000  | 2.000           |    |                 |
| TOTAL                  |        |                 |    |                 |
| Ix ALUM + Ix STL X 2.9 | 17.270 |                 |    |                 |

NOTE:  
JAMBS 'J2' AND 'J2A' MAY BE SECURED (ANCHORED)  
OR UNSECURED (UNANCHORED)  
FOR SECURED JAMBS, USE ANCHOR SPACING  
SHOWN ON SHEET 1.  
FOR UNSECURED JAMBS VERIFY MAX. GAPS ON  
SHEETS 21 OR 23.

JAMB & MULLIONS  
(LEVEL 'D' & 'E' IMPACT)  
WITHOUT HORIZONTALS

Sealed: 8/6/2026



FL #19973

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 262-6978  
FAX. (305) 262-6978  
COMP-ANL\21-51FAGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

| no | date | by | description |
|----|------|----|-------------|
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |

date:

06-10-21

scale:

-

dr. by:

TARIQ

chk. by:

drawing no.

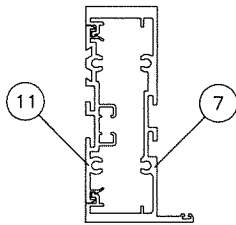
21-51F

sheet

8.1 of 27

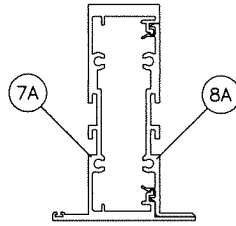
| DESIGN LOAD CAPACITY - PSF<br>NON-THERMAL MULLION<br>WITH INTERMEDIATE HORIZONTALS |              |                                   |         |
|------------------------------------------------------------------------------------|--------------|-----------------------------------|---------|
| NOMINAL DIMS.                                                                      |              | JAMBS 'J1' & 'J5'<br>MULLION 'M1' |         |
| WIDTH (W)                                                                          | FRAME HEIGHT | EXT.(+)                           | INT.(-) |
| 30"                                                                                | 84"          | 90.0                              | 90.0    |
| 36"                                                                                |              | 90.0                              | 90.0    |
| 42"                                                                                |              | 90.0                              | 90.0    |
| 48"                                                                                |              | 90.0                              | 90.0    |
| 54"                                                                                |              | 90.0                              | 90.0    |
| 60"                                                                                |              | 84.5                              | 84.5    |
| 61"                                                                                |              | 83.1                              | 83.1    |
| 66"                                                                                | 90"          | 76.8                              | 76.8    |
| 72"                                                                                |              | 70.4                              | 70.4    |
| 30"                                                                                |              | 90.0                              | 90.0    |
| 36"                                                                                |              | 90.0                              | 90.0    |
| 42"                                                                                |              | 90.0                              | 90.0    |
| 48"                                                                                |              | 90.0                              | 90.0    |
| 54"                                                                                |              | 81.2                              | 81.2    |
| 57"                                                                                |              | 76.9                              | 76.9    |
| 60"                                                                                |              | 73.0                              | 73.0    |
| 66"                                                                                |              | 66.4                              | 66.4    |
| 72"                                                                                |              | 60.9                              | 60.9    |
| 30"                                                                                | 96"          | 90.0                              | 90.0    |
| 36"                                                                                |              | 90.0                              | 90.0    |
| 42"                                                                                |              | 91.0                              | 91.0    |
| 48"                                                                                |              | 79.6                              | 79.6    |
| 54"                                                                                |              | 70.8                              | 70.8    |
| 60"                                                                                |              | 63.7                              | 63.7    |
| 66"                                                                                |              | 57.9                              | 57.9    |
| 72"                                                                                |              | 53.1                              | 53.1    |
| 30"                                                                                | 102"         | 90.0                              | 90.0    |
| 36"                                                                                |              | 90.0                              | 90.0    |
| 42"                                                                                |              | 78.9                              | 78.9    |
| 48"                                                                                |              | 69.1                              | 69.1    |
| 50"                                                                                |              | 66.3                              | 66.3    |
| 54"                                                                                |              | 61.4                              | 61.4    |
| 60"                                                                                |              | 55.3                              | 55.3    |
| 66"                                                                                |              | 50.2                              | 50.2    |
| 70"                                                                                |              | 47.4                              | 47.4    |
| 30"                                                                                | 108"         | 90.0                              | 90.0    |
| 36"                                                                                |              | 77.6                              | 77.6    |
| 42"                                                                                |              | 66.5                              | 66.5    |
| 48"                                                                                |              | 58.2                              | 58.2    |
| 54"                                                                                |              | 51.7                              | 51.7    |
| 60"                                                                                |              | 46.6                              | 46.6    |
| 66"                                                                                |              | 42.3                              | 42.3    |
| 30"                                                                                | 114"         | 79.2                              | 79.2    |
| 36"                                                                                |              | 66.0                              | 66.0    |
| 42"                                                                                |              | 56.5                              | 56.5    |
| 48"                                                                                |              | 49.5                              | 49.5    |
| 54"                                                                                |              | 44.0                              | 44.0    |
| 60"                                                                                |              | 39.6                              | 39.6    |
| 63"                                                                                |              | 37.7                              | 37.7    |
| 30"                                                                                | 120"         | 67.9                              | 67.9    |
| 36"                                                                                |              | 56.6                              | 56.6    |
| 42"                                                                                |              | 48.5                              | 48.5    |
| 48"                                                                                |              | 42.4                              | 42.4    |
| 54"                                                                                |              | 37.7                              | 37.7    |
| 60"                                                                                |              | 33.9                              | 33.9    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



JAMB 'J1'  
(LEVEL 'D' IMPACT)

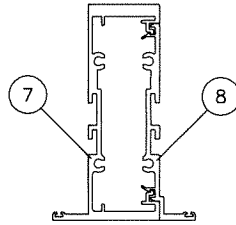
|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| Ix    | IN <sup>4</sup> | Sx    | IN <sup>3</sup> |
| 5.684 |                 | 2.521 |                 |



JAMB 'J5'  
(LEVEL 'D' IMPACT)

|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| Ix    | IN <sup>4</sup> | Sx    | IN <sup>3</sup> |
| 4.027 |                 | 1.788 |                 |

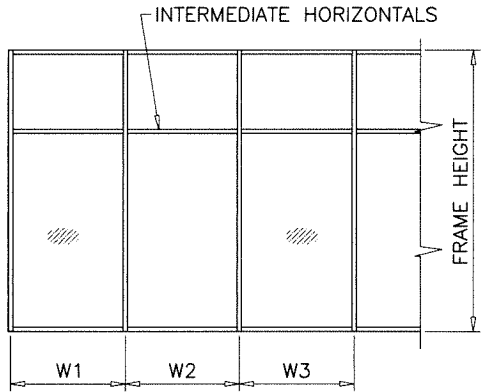
FOR UNSECURED (UNANCHORED) JAMB 'J5'  
LIMIT MAX. DESIGN LOAD TO ±65.0 PSF



MULLION 'M1'  
(LEVEL 'D' IMPACT)

|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| Ix    | IN <sup>4</sup> | Sx    | IN <sup>3</sup> |
| 5.670 |                 | 2.514 |                 |

NOTE:  
JAMBS 'J1', 'J5' AND 'J3' MAY BE SECURED (ANCHORED)  
OR UNSECURED (UNANCHORED)  
FOR SECURED JAMBS, USE ANCHOR SPACING  
SHOWN ON SHEET 1.  
FOR UNSECURED JAMBS VERIFY MAX. GAPS ON  
SHEETS 21 OR 23.

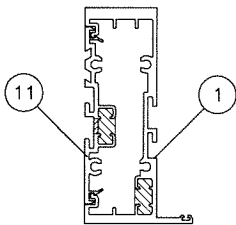


WIDTH (W) = W1  
AT FRAME JAMB

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

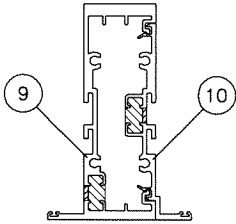
| DESIGN LOAD CAPACITY - PSF<br>THERMAL MULLION<br>WITH INTERMEDIATE HORIZONTALS |              |                           |         |
|--------------------------------------------------------------------------------|--------------|---------------------------|---------|
| NOMINAL DIMS.                                                                  |              | JAMB 'J3'<br>MULLION 'M3' |         |
| WIDTH (W)                                                                      | FRAME HEIGHT | EXT.(+)                   | INT.(-) |
| 30"                                                                            | 84"          | 90.0                      | 90.0    |
| 36"                                                                            |              | 90.0                      | 90.0    |
| 42"                                                                            |              | 90.0                      | 90.0    |
| 48"                                                                            |              | 90.0                      | 90.0    |
| 54"                                                                            |              | 90.0                      | 90.0    |
| 60"                                                                            |              | 85.1                      | 85.1    |
| 66"                                                                            |              | 77.3                      | 77.3    |
| 72"                                                                            |              | 70.9                      | 70.9    |
| 30"                                                                            | 90"          | 90.0                      | 90.0    |
| 36"                                                                            |              | 90.0                      | 90.0    |
| 42"                                                                            |              | 90.0                      | 90.0    |
| 48"                                                                            |              | 90.0                      | 90.0    |
| 51"                                                                            |              | 86.5                      | 86.5    |
| 54"                                                                            |              | 81.7                      | 81.7    |
| 60"                                                                            |              | 73.5                      | 73.5    |
| 66"                                                                            |              | 66.8                      | 66.8    |
| 72"                                                                            |              | 61.3                      | 61.3    |
| 30"                                                                            | 96"          | 90.0                      | 90.0    |
| 36"                                                                            |              | 90.0                      | 90.0    |
| 42"                                                                            |              | 90.0                      | 90.0    |
| 48"                                                                            |              | 80.2                      | 80.2    |
| 54"                                                                            |              | 71.2                      | 71.2    |
| 60"                                                                            |              | 64.1                      | 64.1    |
| 66"                                                                            |              | 58.3                      | 58.3    |
| 72"                                                                            |              | 53.4                      | 53.4    |
| 30"                                                                            | 102"         | 80.0                      | 80.0    |
| 36"                                                                            |              | 80.0                      | 80.0    |
| 42"                                                                            |              | 80.0                      | 80.0    |
| 48"                                                                            |              | 70.5                      | 70.5    |
| 54"                                                                            |              | 62.6                      | 62.6    |
| 60"                                                                            |              | 56.4                      | 56.4    |
| 66"                                                                            |              | 51.2                      | 51.2    |
| 70"                                                                            |              | 48.3                      | 48.3    |
| 30"                                                                            | 108"         | 80.0                      | 80.0    |
| 36"                                                                            |              | 79.5                      | 79.5    |
| 42"                                                                            |              | 68.2                      | 68.2    |
| 48"                                                                            |              | 59.7                      | 59.7    |
| 54"                                                                            |              | 53.0                      | 53.0    |
| 60"                                                                            |              | 47.7                      | 47.7    |
| 66"                                                                            |              | 43.4                      | 43.4    |
| 30"                                                                            | 114"         | 80.0                      | 80.0    |
| 36"                                                                            |              | 67.6                      | 67.6    |
| 42"                                                                            |              | 58.0                      | 58.0    |
| 48"                                                                            |              | 50.7                      | 50.7    |
| 54"                                                                            |              | 45.1                      | 45.1    |
| 60"                                                                            |              | 40.6                      | 40.6    |
| 63"                                                                            |              | 38.6                      | 38.6    |
| 30"                                                                            | 120"         | 69.6                      | 69.6    |
| 36"                                                                            |              | 58.0                      | 58.0    |
| 42"                                                                            |              | 49.7                      | 49.7    |
| 48"                                                                            |              | 43.5                      | 43.5    |
| 54"                                                                            |              | 38.7                      | 38.7    |
| 60"                                                                            |              | 34.8                      | 34.8    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



JAMB 'J3'  
(LEVEL 'D' IMPACT)

|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| Ix    | IN <sup>4</sup> | Sx    | IN <sup>3</sup> |
| 5.813 |                 | 2.538 |                 |

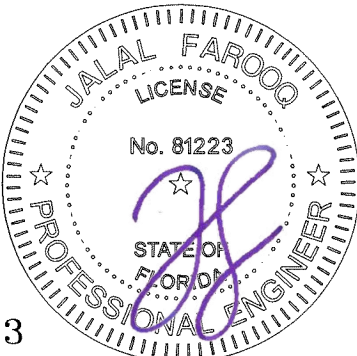


MULLION 'M3'  
(LEVEL 'D' IMPACT)

|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| Ix    | IN <sup>4</sup> | Sx    | IN <sup>3</sup> |
| 5.813 |                 | 2.529 |                 |

Sealed: 8/6/2026

JAMB & MULLIONS  
(LEVEL 'D' IMPACT)  
WITH HORIZONTALS



FL #19973

**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\21-51FAGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:  
no date by description  

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

date: 06-10-21  
scale: -  
dr. by: TARIQ  
chk. by:   

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

drawing no.  
**21-51F**  
sheet 9 of 27

| DESIGN LOAD CAPACITY - PSF<br>THERMAL MULLION<br>WITH INTERMEDIATE HORIZONTALS |              |                           |         |
|--------------------------------------------------------------------------------|--------------|---------------------------|---------|
| NOMINAL DIMS.                                                                  |              | JAMB 'J4'<br>MULLION 'M4' |         |
| WIDTH (W)                                                                      | FRAME HEIGHT | EXT.(+)                   | INT.(-) |
| 30"                                                                            | 84"          | 100.0                     | 100.0   |
| 36"                                                                            |              | 100.0                     | 100.0   |
| 42"                                                                            |              | 100.0                     | 100.0   |
| 48"                                                                            |              | 100.0                     | 100.0   |
| 54"                                                                            |              | 100.0                     | 100.0   |
| 60"                                                                            |              | 100.0                     | 100.0   |
| 66"                                                                            |              | 60.0                      | 60.0    |
| 72"                                                                            |              | 60.0                      | 60.0    |
| 30"                                                                            | 90"          | 100.0                     | 100.0   |
| 36"                                                                            |              | 100.0                     | 100.0   |
| 42"                                                                            |              | 100.0                     | 100.0   |
| 48"                                                                            |              | 100.0                     | 100.0   |
| 54"                                                                            |              | 100.0                     | 100.0   |
| 56"                                                                            |              | 100.0                     | 100.0   |
| 60"                                                                            |              | 60.0                      | 60.0    |
| 66"                                                                            |              | 60.0                      | 60.0    |
| 72"                                                                            |              | 60.0                      | 60.0    |
| 30"                                                                            | 96"          | 100.0                     | 100.0   |
| 36"                                                                            |              | 100.0                     | 100.0   |
| 42"                                                                            |              | 100.0                     | 100.0   |
| 48"                                                                            |              | 100.0                     | 100.0   |
| 52"                                                                            |              | 100.0                     | 100.0   |
| 54"                                                                            |              | 60.0                      | 60.0    |
| 60"                                                                            |              | 60.0                      | 60.0    |
| 66"                                                                            |              | 60.0                      | 60.0    |
| 72"                                                                            |              | 60.0                      | 60.0    |
| 30"                                                                            | 102"         | 100.0                     | 100.0   |
| 39"                                                                            |              | 100.0                     | 100.0   |
| 42"                                                                            |              | 100.0                     | 100.0   |
| 48"                                                                            |              | 100.0                     | 100.0   |
| 49"                                                                            |              | 98.2                      | 98.2    |
| 54"                                                                            |              | 60.0                      | 60.0    |
| 60"                                                                            |              | 60.0                      | 60.0    |
| 66"                                                                            |              | 60.0                      | 60.0    |
| 72"                                                                            |              | 60.0                      | 60.0    |
| 30"                                                                            | 108"         | 100.0                     | 100.0   |
| 36"                                                                            |              | 100.0                     | 100.0   |
| 42"                                                                            |              | 100.0                     | 100.0   |
| 46"                                                                            |              | 93.3                      | 93.3    |
| 48"                                                                            |              | 60.0                      | 60.0    |
| 54"                                                                            |              | 60.0                      | 60.0    |
| 60"                                                                            |              | 60.0                      | 60.0    |
| 66"                                                                            |              | 60.0                      | 60.0    |
| 72"                                                                            |              | 59.6                      | 59.6    |
| 30"                                                                            | 114"         | 100.0                     | 100.0   |
| 36"                                                                            |              | 100.0                     | 100.0   |
| 42"                                                                            |              | 91.7                      | 91.7    |
| 44"                                                                            |              | 87.6                      | 87.6    |
| 48"                                                                            |              | 60.0                      | 60.0    |
| 54"                                                                            |              | 60.0                      | 60.0    |
| 60"                                                                            |              | 60.0                      | 60.0    |
| 66"                                                                            |              | 58.4                      | 58.4    |
| 72"                                                                            |              | 53.5                      | 53.5    |

| DESIGN LOAD CAPACITY - PSF<br>THERMAL MULLION<br>WITH INTERMEDIATE HORIZONTALS |              |                           |         |
|--------------------------------------------------------------------------------|--------------|---------------------------|---------|
| NOMINAL DIMS.                                                                  |              | JAMB 'J4'<br>MULLION 'M4' |         |
| WIDTH (W)                                                                      | FRAME HEIGHT | EXT.(+)                   | INT.(-) |
| 30"                                                                            | 120"         | 100.0                     | 100.0   |
| 36"                                                                            |              | 96.6                      | 96.6    |
| 42"                                                                            |              | 82.8                      | 82.8    |
| 48"                                                                            |              | 60.0                      | 60.0    |
| 54"                                                                            |              | 60.0                      | 60.0    |
| 60"                                                                            |              | 58.0                      | 58.0    |
| 66"                                                                            |              | 52.7                      | 52.7    |
| 72"                                                                            |              | 48.3                      | 48.3    |
| 30"                                                                            | 126"         | 60.0                      | 60.0    |
| 36"                                                                            |              | 60.0                      | 60.0    |
| 42"                                                                            |              | 60.0                      | 60.0    |
| 48"                                                                            |              | 60.0                      | 60.0    |
| 54"                                                                            |              | 58.4                      | 58.4    |
| 60"                                                                            |              | 52.6                      | 52.6    |
| 66"                                                                            |              | 47.8                      | 47.8    |
| 72"                                                                            |              | 46.4                      | 46.4    |
| 30"                                                                            | 132"         | 60.0                      | 60.0    |
| 36"                                                                            |              | 60.0                      | 60.0    |
| 42"                                                                            |              | 60.0                      | 60.0    |
| 48"                                                                            |              | 59.9                      | 59.9    |
| 54"                                                                            |              | 53.2                      | 53.2    |
| 60"                                                                            |              | 47.9                      | 47.9    |
| 65"                                                                            |              | 44.2                      | 44.2    |
| 30"                                                                            | 138"         | 60.0                      | 60.0    |
| 36"                                                                            |              | 60.0                      | 60.0    |
| 42"                                                                            |              | 60.0                      | 60.0    |
| 48"                                                                            |              | 54.8                      | 54.8    |
| 54"                                                                            |              | 48.7                      | 48.7    |
| 60"                                                                            |              | 43.8                      | 43.8    |
| 62"                                                                            |              | 42.4                      | 42.4    |
| 30"                                                                            | 144"         | 60.0                      | 60.0    |
| 36"                                                                            |              | 60.0                      | 60.0    |
| 42"                                                                            |              | 57.2                      | 57.2    |
| 48"                                                                            |              | 50.0                      | 50.0    |
| 54"                                                                            |              | 44.5                      | 44.5    |
| 60"                                                                            |              | 40.0                      | 40.0    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

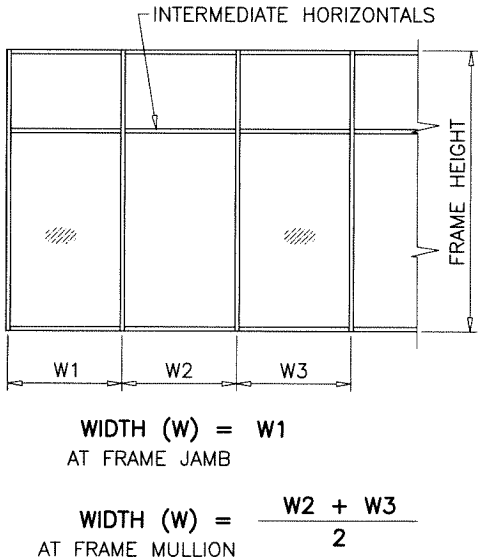
**JAMB 'J4'**  
(LEVEL 'D' IMPACT)

|                              |                       |                       |
|------------------------------|-----------------------|-----------------------|
|                              | $I_x$ IN <sup>4</sup> | $S_x$ IN <sup>3</sup> |
| ALUMINUM                     | 5.813                 | 2.538                 |
| STEEL                        | 2.000                 | 1.000                 |
| TOTAL                        |                       |                       |
| $I_x$ ALUM + $I_x$ STL X 2.9 | 11.613                |                       |

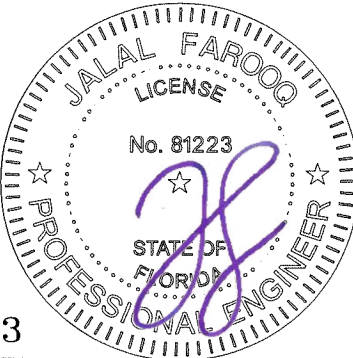
**MULLION 'M4'**  
(LEVEL 'D' IMPACT)

|                              |                       |                       |
|------------------------------|-----------------------|-----------------------|
|                              | $I_x$ IN <sup>4</sup> | $S_x$ IN <sup>3</sup> |
| ALUMINUM                     | 5.813                 | 2.529                 |
| STEEL                        | 2.000                 | 1.000                 |
| TOTAL                        |                       |                       |
| $I_x$ ALUM + $I_x$ STL X 2.9 | 11.613                |                       |

NOTE:  
JAMB 'J4' MAY BE SECURED (ANCHORED)  
OR UNSECURED (UNANCHORED)  
FOR SECURED JAMBS, USE ANCHOR SPACING  
SHOWN ON SHEET 1.  
FOR UNSECURED JAMBS VERIFY MAX. GAPS ON  
SHEETS 21 OR 23.



JAMB & MULLIONS  
(LEVEL 'D' IMPACT)  
WITH HORIZONTALS



Sealed: 8/6/2026

FL #19973

**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\21-51FAGP

SERIES FRONT SET ALUM WINDOW WALL SYS. (L.M.I.)

**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

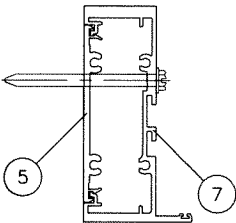
| no | date | by | description |
|----|------|----|-------------|
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |

date: 06-10-21  
scale: -  
dr. by: TARIQ  
chk. by:

drawing no.  
**21-51F**  
sheet 10 of 27

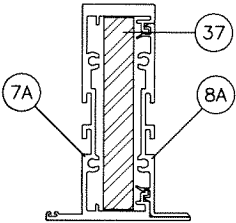
| DESIGN LOAD CAPACITY - PSF<br>NON-THERMAL MULLION<br>WITH OR WITHOUT HORIZONTALS |              |              |         |
|----------------------------------------------------------------------------------|--------------|--------------|---------|
| NOMINAL DIMS.                                                                    |              | MULLION 'M5' |         |
| WIDTH (W)                                                                        | FRAME HEIGHT | EXT.(+)      | INT.(-) |
| 30"                                                                              | 84"          | 65.0         | 65.0    |
| 36"                                                                              |              | 65.0         | 65.0    |
| 42"                                                                              |              | 65.0         | 65.0    |
| 48"                                                                              |              | 65.0         | 65.0    |
| 54"                                                                              |              | 65.0         | 65.0    |
| 60"                                                                              |              | 65.0         | 65.0    |
| 66"                                                                              |              | 65.0         | 65.0    |
| 30"                                                                              | 90"          | 65.0         | 65.0    |
| 36"                                                                              |              | 65.0         | 65.0    |
| 42"                                                                              |              | 65.0         | 65.0    |
| 48"                                                                              |              | 65.0         | 65.0    |
| 54"                                                                              |              | 65.0         | 65.0    |
| 60"                                                                              |              | 65.0         | 65.0    |
| 30"                                                                              | 96"          | 65.0         | 65.0    |
| 36"                                                                              |              | 65.0         | 65.0    |
| 42"                                                                              |              | 65.0         | 65.0    |
| 48"                                                                              |              | 65.0         | 65.0    |
| 54"                                                                              |              | 65.0         | 65.0    |
| 60"                                                                              |              | 65.0         | 65.0    |
| 30"                                                                              | 102"         | 65.0         | 65.0    |
| 36"                                                                              |              | 65.0         | 65.0    |
| 42"                                                                              |              | 65.0         | 65.0    |
| 48"                                                                              |              | 65.0         | 65.0    |
| 54"                                                                              |              | 65.0         | 65.0    |
| 30"                                                                              | 108"         | 65.0         | 65.0    |
| 36"                                                                              |              | 65.0         | 65.0    |
| 42"                                                                              |              | 65.0         | 65.0    |
| 48"                                                                              |              | 65.0         | 65.0    |
| 30"                                                                              | 114"         | 65.0         | 65.0    |
| 36"                                                                              |              | 65.0         | 65.0    |
| 42"                                                                              |              | 65.0         | 65.0    |
| 48"                                                                              |              | 65.0         | 65.0    |
| 30"                                                                              | 120"         | 65.0         | 65.0    |
| 36"                                                                              |              | 65.0         | 65.0    |
| 42"                                                                              |              | 65.0         | 65.0    |
| 48"                                                                              |              | 65.0         | 65.0    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



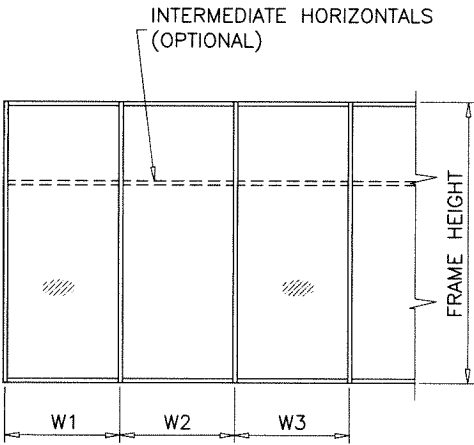
ANCHORED JAMBS ONLY.

USE ANCHOR SPACING SHOWN ON SHEET 1.



MULLION 'M5'  
(LEVEL 'D' IMPACT)

|                                 | Ix IN^4 | Sx IN^3 |
|---------------------------------|---------|---------|
| ALUMINUM                        | 5.670   | 2.514   |
| STEEL                           | 3.3333  | 1.6667  |
| TOTAL<br>Ix ALUM + Ix STL X 2.9 | 15.2409 |         |



WIDTH (W) = W1  
AT FRAME JAMB

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

MULLION  
(LEVEL 'D' IMPACT)  
WITH OR WITHOUT HORIZONTALS



Sealed: 8/6/2026

FL #19973

afcc

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

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

| no | date | by | description |
|----|------|----|-------------|
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |

date: 06-10-21

scale: -

dr. by: TARIQ

chk. by:

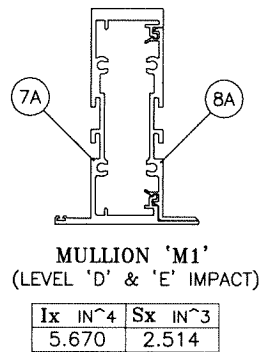
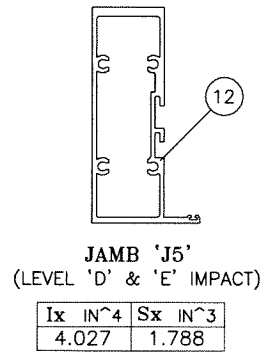
drawing no.  
**21-51F**

sheet 11 of 27

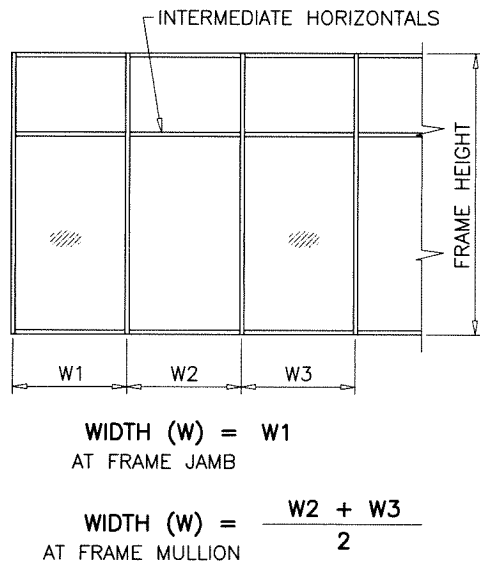
COMP-ANL\21-51FAGP

| DESIGN LOAD CAPACITY - PSF<br>NON-THERMAL MULLION<br>WITH INTERMEDIATE HORIZONTALS |              |                           |         |
|------------------------------------------------------------------------------------|--------------|---------------------------|---------|
| NOMINAL DIMS.                                                                      |              | JAMB 'J5'<br>MULLION 'M1' |         |
| WIDTH (W)                                                                          | FRAME HEIGHT | EXT.(+)                   | INT.(-) |
| 30"                                                                                | 84"          | 90.0                      | 90.0    |
| 36"                                                                                |              | 90.0                      | 90.0    |
| 42"                                                                                |              | 90.0                      | 90.0    |
| 48"                                                                                |              | 90.0                      | 90.0    |
| 53-1/2"                                                                            |              | 90.0                      | 90.0    |
| 30"                                                                                | 90"          | 90.0                      | 90.0    |
| 36"                                                                                |              | 90.0                      | 90.0    |
| 42"                                                                                |              | 90.0                      | 90.0    |
| 48"                                                                                |              | 90.0                      | 90.0    |
| 53-1/2"                                                                            |              | 81.2                      | 81.2    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



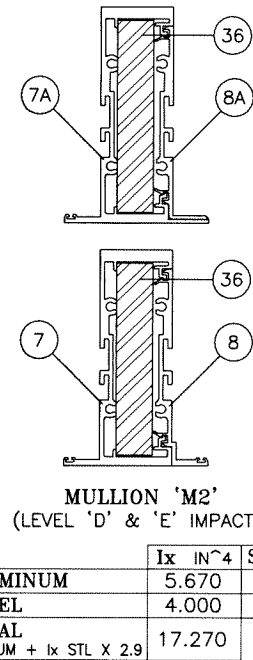
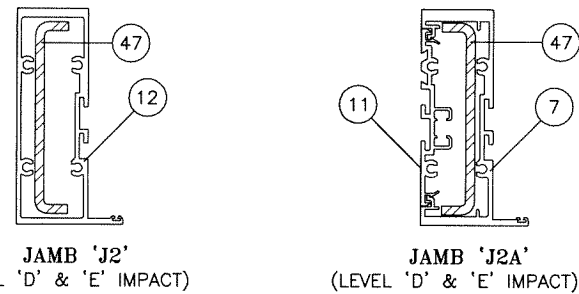
NOTE:  
JAMB 'J5' MAY BE SECURED (ANCHORED)  
OR UNSECURED (UNANCHORED)  
FOR SECURED JAMBS, USE ANCHOR SPACING  
SHOWN ON SHEET 1.  
FOR UNSECURED JAMBS VERIFY MAX. GAPS ON  
SHEETS 21 OR 23.



| DESIGN LOAD CAPACITY - PSF<br>NON-THERMAL MULLION<br>WITH INTERMEDIATE HORIZONTALS |              |                                 |         |
|------------------------------------------------------------------------------------|--------------|---------------------------------|---------|
| NOMINAL DIMS.                                                                      |              | JAMB 'J2'/'J2A'<br>MULLION 'M2' |         |
| WIDTH (W)                                                                          | FRAME HEIGHT | EXT.(+)                         | INT.(-) |
| 30"                                                                                | 84"          | 120.0                           | 135.0   |
| 36"                                                                                |              | 120.0                           | 135.0   |
| 42"                                                                                |              | 120.0                           | 135.0   |
| 48"                                                                                |              | 120.0                           | 135.0   |
| 54"                                                                                |              | 120.0                           | 135.0   |
| 60"                                                                                |              | 120.0                           | 135.0   |
| 66"                                                                                |              | 100.0                           | 100.0   |
| 72"                                                                                |              | 100.0                           | 100.0   |
| 30"                                                                                | 90"          | 120.0                           | 135.0   |
| 36"                                                                                |              | 120.0                           | 135.0   |
| 42"                                                                                |              | 120.0                           | 135.0   |
| 48"                                                                                |              | 120.0                           | 135.0   |
| 54"                                                                                |              | 120.0                           | 135.0   |
| 56"                                                                                |              | 120.0                           | 135.0   |
| 60"                                                                                |              | 100.0                           | 100.0   |
| 66"                                                                                |              | 100.0                           | 100.0   |
| 72"                                                                                |              | 100.0                           | 100.0   |
| 30"                                                                                | 96"          | 120.0                           | 135.0   |
| 36"                                                                                |              | 120.0                           | 135.0   |
| 42"                                                                                |              | 120.0                           | 135.0   |
| 48"                                                                                |              | 120.0                           | 135.0   |
| 52"                                                                                |              | 120.0                           | 135.0   |
| 54"                                                                                |              | 100.0                           | 100.0   |
| 60"                                                                                |              | 100.0                           | 100.0   |
| 66"                                                                                |              | 100.0                           | 100.0   |
| 72"                                                                                |              | 100.0                           | 100.0   |
| 30"                                                                                | 102"         | 120.0                           | 135.0   |
| 39"                                                                                |              | 120.0                           | 135.0   |
| 42"                                                                                |              | 120.0                           | 135.0   |
| 48"                                                                                |              | 120.0                           | 135.0   |
| 49"                                                                                |              | 120.0                           | 135.0   |
| 54"                                                                                |              | 100.0                           | 100.0   |
| 60"                                                                                |              | 100.0                           | 100.0   |
| 66"                                                                                |              | 100.0                           | 100.0   |
| 72"                                                                                |              | 98.6                            | 98.6    |
| 30"                                                                                | 108"         | 120.0                           | 135.0   |
| 36"                                                                                |              | 120.0                           | 135.0   |
| 42"                                                                                |              | 120.0                           | 135.0   |
| 46"                                                                                |              | 120.0                           | 135.0   |
| 48"                                                                                |              | 100.0                           | 100.0   |
| 54"                                                                                |              | 100.0                           | 100.0   |
| 60"                                                                                |              | 100.0                           | 100.0   |
| 66"                                                                                |              | 96.0                            | 96.0    |
| 72"                                                                                |              | 88.0                            | 88.0    |
| 30"                                                                                | 114"         | 120.0                           | 135.0   |
| 36"                                                                                |              | 120.0                           | 135.0   |
| 42"                                                                                |              | 120.0                           | 135.0   |
| 44"                                                                                |              | 120.0                           | 130.0   |
| 48"                                                                                |              | 100.0                           | 100.0   |
| 54"                                                                                |              | 100.0                           | 100.0   |
| 60"                                                                                |              | 94.7                            | 94.7    |
| 66"                                                                                |              | 86.1                            | 86.1    |
| 72"                                                                                |              | 79.0                            | 79.0    |

| DESIGN LOAD CAPACITY - PSF<br>NON-THERMAL MULLION<br>WITH INTERMEDIATE HORIZONTALS |              |                                 |         |
|------------------------------------------------------------------------------------|--------------|---------------------------------|---------|
| NOMINAL DIMS.                                                                      |              | JAMB 'J2'/'J2A'<br>MULLION 'M2' |         |
| WIDTH (W)                                                                          | FRAME HEIGHT | EXT.(+)                         | INT.(-) |
| 30"                                                                                | 120"         | 120.0                           | 135.0   |
| 36"                                                                                |              | 120.0                           | 135.0   |
| 42"                                                                                |              | 120.0                           | 122.9   |
| 48"                                                                                |              | 100.0                           | 100.0   |
| 54"                                                                                |              | 95.0                            | 95.0    |
| 60"                                                                                |              | 85.5                            | 85.5    |
| 66"                                                                                |              | 77.7                            | 77.7    |
| 72"                                                                                |              | 71.3                            | 71.3    |
| 30"                                                                                | 126"         | 100.0                           | 100.0   |
| 36"                                                                                |              | 100.0                           | 100.0   |
| 42"                                                                                |              | 100.0                           | 100.0   |
| 48"                                                                                |              | 97.0                            | 97.0    |
| 54"                                                                                |              | 86.2                            | 86.2    |
| 60"                                                                                |              | 77.6                            | 77.6    |
| 66"                                                                                |              | 70.5                            | 70.5    |
| 68"                                                                                |              | 68.4                            | 68.4    |
| 30"                                                                                | 132"         | 100.0                           | 100.0   |
| 36"                                                                                |              | 100.0                           | 100.0   |
| 42"                                                                                |              | 100.0                           | 100.0   |
| 48"                                                                                |              | 88.3                            | 88.3    |
| 54"                                                                                |              | 78.5                            | 78.5    |
| 60"                                                                                |              | 70.7                            | 70.7    |
| 65"                                                                                |              | 65.2                            | 65.2    |
| 30"                                                                                | 138"         | 100.0                           | 100.0   |
| 36"                                                                                |              | 100.0                           | 100.0   |
| 42"                                                                                |              | 92.4                            | 92.4    |
| 48"                                                                                |              | 80.8                            | 80.8    |
| 54"                                                                                |              | 71.8                            | 71.8    |
| 60"                                                                                |              | 64.7                            | 64.7    |
| 62"                                                                                |              | 62.6                            | 62.6    |
| 30"                                                                                | 144"         | 100.0                           | 100.0   |
| 36"                                                                                |              | 98.4                            | 98.4    |
| 42"                                                                                |              | 84.4                            | 84.4    |
| 48"                                                                                |              | 73.8                            | 73.8    |
| 54"                                                                                |              | 65.6                            | 65.6    |
| 60"                                                                                |              | 59.1                            | 59.1    |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



NOTE:  
JAMBS 'J2' AND 'J2A' MAY BE SECURED (ANCHORED)  
OR UNSECURED (UNANCHORED)  
FOR SECURED JAMBS, USE ANCHOR SPACING  
SHOWN ON SHEET 1.  
FOR UNSECURED JAMBS VERIFY MAX. GAPS ON  
SHEETS 21 OR 23.

JAMB & MULLIONS  
(LEVEL 'D' & 'E' IMPACT)  
WITH HORIZONTALS



Sealed: 8/6/2026

FL #19973

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 262-6978  
FAX. (305) 262-6978  
COMP-ANL 21-51FAGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:  
no date by description

date: 06-10-21  
scale: -  
dr. by: TARIQ  
chk. by:

drawing no.  
**21-51F**  
sheet 11.1 of 27



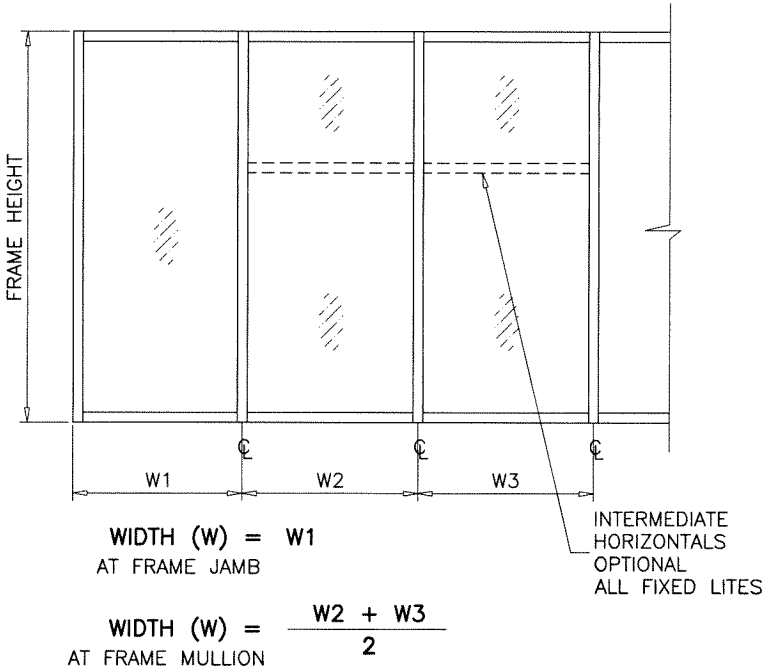
| ANCHOR LOAD CAPACITY – PSF (1/4" MAX. SHIMS)<br>EXT.(+) & INT.(–) |              |                   |       |       |                   |       |       |                   |       |       |                   |       |       |                   |       |       |
|-------------------------------------------------------------------|--------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|
| NOMINAL DIMS.                                                     |              | ANCHORS TYPE 'AW' |       |       | ANCHORS TYPE 'BW' |       |       | ANCHORS TYPE 'AC' |       |       | ANCHORS TYPE 'BC' |       |       | ANCHORS TYPE 'CM' |       |       |
| WIDTH (W)                                                         | FRAME HEIGHT | AW2               | AW3   | AW4   | BW2               | BW3   | BW4   | AC2               | AC3   | AC4   | BC2               | BC3   | BC4   | CM2               | CM3   | CM4   |
| 30"                                                               | 96"          | 123.3             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 |
| 36"                                                               |              | 106.7             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 |
| 42"                                                               |              | 95.1              | 135.0 | 135.0 | 125.1             | 135.0 | 135.0 | 124.3             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 |
| 48"                                                               |              | 86.7              | 130.0 | 135.0 | 114.0             | 135.0 | 135.0 | 113.3             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 127.7             | 135.0 | 135.0 |
| 52"                                                               |              | 82.3              | 123.4 | 135.0 | 108.2             | 135.0 | 135.0 | 107.6             | 135.0 | 135.0 | 134.2             | 135.0 | 135.0 | 121.2             | 135.0 | 135.0 |
| 54"                                                               |              | 80.4              | 120.6 | 135.0 | 105.7             | 135.0 | 135.0 | 105.1             | 135.0 | 135.0 | 131.1             | 135.0 | 135.0 | 118.4             | 135.0 | 135.0 |
| 60"                                                               |              | 75.6              | 113.5 | 135.0 | 99.5              | 135.0 | 135.0 | 98.9              | 135.0 | 135.0 | 123.3             | 135.0 | 135.0 | 111.4             | 135.0 | 135.0 |
| 66"                                                               |              | 72.0              | 108.1 | 135.0 | 94.8              | 135.0 | 135.0 | 94.2              | 135.0 | 135.0 | 117.5             | 135.0 | 135.0 | 106.1             | 135.0 | 135.0 |
| 72"                                                               |              | 69.3              | 104.0 | 135.0 | 91.2              | 135.0 | 135.0 | 90.7              | 135.0 | 135.0 | 113.1             | 135.0 | 135.0 | 102.1             | 135.0 | 135.0 |
| 30"                                                               | 102"         | 114.8             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 |
| 36"                                                               |              | 99.0              | 135.0 | 135.0 | 130.3             | 135.0 | 135.0 | 129.5             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 |
| 42"                                                               |              | 88.0              | 132.1 | 135.0 | 115.8             | 135.0 | 135.0 | 115.1             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 129.7             | 135.0 | 135.0 |
| 48"                                                               |              | 80.0              | 120.0 | 135.0 | 105.2             | 135.0 | 135.0 | 104.6             | 135.0 | 135.0 | 130.5             | 135.0 | 135.0 | 117.8             | 135.0 | 135.0 |
| 52"                                                               |              | 75.8              | 113.7 | 135.0 | 99.7              | 135.0 | 135.0 | 99.1              | 135.0 | 135.0 | 123.6             | 135.0 | 135.0 | 111.6             | 135.0 | 135.0 |
| 54"                                                               |              | 74.0              | 110.9 | 135.0 | 97.3              | 135.0 | 135.0 | 96.7              | 135.0 | 135.0 | 120.6             | 135.0 | 135.0 | 108.9             | 135.0 | 135.0 |
| 60"                                                               |              | 69.3              | 104.0 | 135.0 | 91.2              | 135.0 | 135.0 | 90.7              | 135.0 | 135.0 | 113.1             | 135.0 | 135.0 | 102.1             | 135.0 | 135.0 |
| 66"                                                               |              | 65.8              | 98.7  | 131.5 | 86.5              | 129.8 | 135.0 | 86.0              | 129.0 | 135.0 | 107.3             | 135.0 | 135.0 | 96.9              | 135.0 | 135.0 |
| 72"                                                               |              | 63.0              | 94.5  | 126.1 | 82.9              | 124.4 | 135.0 | 82.4              | 123.6 | 135.0 | 102.8             | 135.0 | 135.0 | 92.8              | 135.0 | 135.0 |
| 30"                                                               | 108"         | 107.4             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 |
| 36"                                                               |              | 92.4              | 135.0 | 135.0 | 121.6             | 135.0 | 135.0 | 120.9             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 |
| 42"                                                               |              | 82.0              | 123.0 | 135.0 | 107.8             | 135.0 | 135.0 | 107.2             | 135.0 | 135.0 | 133.7             | 135.0 | 135.0 | 120.7             | 135.0 | 135.0 |
| 48"                                                               |              | 74.3              | 111.4 | 135.0 | 97.7              | 135.0 | 135.0 | 97.1              | 135.0 | 135.0 | 121.1             | 135.0 | 135.0 | 109.4             | 135.0 | 135.0 |
| 52"                                                               |              | 70.2              | 105.4 | 135.0 | 92.4              | 135.0 | 135.0 | 91.9              | 135.0 | 135.0 | 114.6             | 135.0 | 135.0 | 103.5             | 135.0 | 135.0 |
| 54"                                                               |              | 68.5              | 102.7 | 135.0 | 90.1              | 135.0 | 135.0 | 89.5              | 134.3 | 135.0 | 111.7             | 135.0 | 135.0 | 100.9             | 135.0 | 135.0 |
| 60"                                                               |              | 64.0              | 96.0  | 128.0 | 84.2              | 126.3 | 135.0 | 83.7              | 125.5 | 135.0 | 104.4             | 135.0 | 135.0 | 94.3              | 135.0 | 135.0 |
| 66"                                                               |              | 60.5              | 90.8  | 121.0 | 79.6              | 119.4 | 135.0 | 79.1              | 118.7 | 135.0 | 98.7              | 135.0 | 135.0 | 89.1              | 133.7 | 135.0 |
| 72"                                                               |              | 57.8              | 86.7  | 115.6 | 76.0              | 114.0 | 135.0 | 75.6              | 113.3 | 135.0 | 94.2              | 135.0 | 135.0 | 85.1              | 127.7 | 135.0 |
| 30"                                                               | 114"         | 100.8             | 135.0 | 135.0 | 132.7             | 135.0 | 135.0 | 131.9             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 |
| 36"                                                               |              | 86.7              | 130.0 | 135.0 | 114.0             | 135.0 | 135.0 | 113.3             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 127.7             | 135.0 | 135.0 |
| 42"                                                               |              | 76.7              | 115.0 | 135.0 | 100.9             | 135.0 | 135.0 | 100.3             | 135.0 | 135.0 | 125.1             | 135.0 | 135.0 | 113.0             | 135.0 | 135.0 |
| 48"                                                               |              | 69.3              | 104.0 | 135.0 | 91.2              | 135.0 | 135.0 | 90.7              | 135.0 | 135.0 | 113.1             | 135.0 | 135.0 | 102.1             | 135.0 | 135.0 |
| 52"                                                               |              | 65.5              | 98.2  | 130.9 | 86.1              | 129.1 | 135.0 | 85.6              | 128.4 | 135.0 | 106.7             | 135.0 | 135.0 | 96.4              | 135.0 | 135.0 |
| 54"                                                               |              | 63.8              | 95.6  | 127.5 | 83.9              | 125.8 | 135.0 | 83.4              | 125.1 | 135.0 | 104.0             | 135.0 | 135.0 | 93.9              | 135.0 | 135.0 |
| 60"                                                               |              | 59.4              | 89.1  | 118.9 | 78.2              | 117.3 | 135.0 | 77.7              | 116.6 | 135.0 | 96.9              | 135.0 | 135.0 | 87.5              | 131.3 | 135.0 |
| 66"                                                               |              | 56.0              | 84.0  | 112.1 | 73.7              | 110.5 | 135.0 | 73.3              | 109.9 | 135.0 | 91.4              | 135.0 | 135.0 | 82.5              | 123.8 | 135.0 |
| 72"                                                               |              | 53.3              | 80.0  | 106.7 | 70.2              | 105.2 | 135.0 | 69.7              | 104.6 | 135.0 | 87.0              | 130.5 | 135.0 | 78.6              | 117.8 | 135.0 |
| 30"                                                               | 120"         | 95.1              | 135.0 | 135.0 | 125.1             | 135.0 | 135.0 | 124.3             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 |
| 36"                                                               |              | 81.6              | 122.4 | 135.0 | 107.3             | 135.0 | 135.0 | 106.7             | 135.0 | 135.0 | 133.0             | 135.0 | 135.0 | 120.2             | 135.0 | 135.0 |
| 42"                                                               |              | 72.0              | 108.1 | 135.0 | 94.8              | 135.0 | 135.0 | 94.2              | 135.0 | 135.0 | 117.5             | 135.0 | 135.0 | 106.1             | 135.0 | 135.0 |
| 48"                                                               |              | 65.0              | 97.5  | 130.0 | 85.5              | 128.3 | 135.0 | 85.0              | 127.5 | 135.0 | 106.0             | 135.0 | 135.0 | 95.8              | 135.0 | 135.0 |
| 52"                                                               |              | 61.3              | 91.9  | 122.6 | 80.6              | 120.9 | 135.0 | 80.1              | 120.2 | 135.0 | 99.9              | 135.0 | 135.0 | 90.3              | 135.0 | 135.0 |
| 54"                                                               |              | 59.6              | 89.5  | 119.3 | 78.5              | 117.7 | 135.0 | 78.0              | 117.0 | 135.0 | 97.3              | 135.0 | 135.0 | 87.9              | 131.8 | 135.0 |
| 60"                                                               |              | 55.5              | 83.2  | 110.9 | 73.0              | 109.4 | 135.0 | 72.5              | 108.8 | 135.0 | 90.5              | 135.0 | 135.0 | 81.7              | 122.6 | 135.0 |
| 66"                                                               |              | 52.2              | 78.2  | 104.3 | 68.6              | 102.9 | 135.0 | 68.2              | 102.3 | 135.0 | 85.1              | 127.6 | 135.0 | 76.8              | 115.3 | 135.0 |
| 72"                                                               |              | 49.5              | 74.3  | 99.0  | 65.1              | 97.7  | 130.3 | 64.8              | 97.1  | 129.5 | 80.8              | 121.1 | 135.0 | 73.0              | 109.4 | 135.0 |
| 30"                                                               | 126"         | 89.9              | 134.9 | 135.0 | 118.3             | 135.0 | 135.0 | 117.6             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 132.5             | 135.0 | 135.0 |
| 36"                                                               |              | 77.0              | 115.6 | 135.0 | 101.3             | 135.0 | 135.0 | 100.7             | 135.0 | 135.0 | 125.6             | 135.0 | 135.0 | 113.5             | 135.0 | 135.0 |
| 42"                                                               |              | 67.9              | 101.9 | 135.0 | 89.3              | 134.0 | 135.0 | 88.8              | 133.2 | 135.0 | 110.8             | 135.0 | 135.0 | 100.0             | 135.0 | 135.0 |
| 48"                                                               |              | 61.2              | 91.8  | 122.4 | 80.5              | 120.7 | 135.0 | 80.0              | 120.0 | 135.0 | 99.8              | 135.0 | 135.0 | 90.1              | 135.0 | 135.0 |
| 52"                                                               |              | 57.6              | 86.4  | 115.2 | 75.8              | 113.6 | 135.0 | 75.3              | 113.0 | 135.0 | 93.9              | 135.0 | 135.0 | 84.8              | 127.3 | 135.0 |
| 54"                                                               |              | 56.0              | 84.0  | 112.1 | 73.7              | 110.5 | 135.0 | 73.3              | 109.9 | 135.0 | 91.4              | 135.0 | 135.0 | 82.5              | 123.8 | 135.0 |
| 60"                                                               |              | 52.0              | 78.0  | 104.0 | 68.4              | 102.6 | 135.0 | 68.0              | 102.0 | 135.0 | 84.8              | 127.2 | 135.0 | 76.6              | 114.9 | 135.0 |
| 66"                                                               |              | 48.8              | 73.2  | 97.6  | 64.2              | 96.3  | 128.4 | 63.8              | 95.7  | 127.6 | 79.6              | 119.4 | 135.0 | 71.9              | 107.8 | 135.0 |

| ANCHOR LOAD CAPACITY – PSF(1/4” MAX. SHIMS)<br>EXT.(+) & INT.(–) |              |                   |       |       |                   |       |       |                   |       |       |                   |       |       |                   |       |       |
|------------------------------------------------------------------|--------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|
| NOMINAL DIMS.                                                    |              | ANCHORS TYPE 'AW' |       |       | ANCHORS TYPE 'BW' |       |       | ANCHORS TYPE 'AC' |       |       | ANCHORS TYPE 'BC' |       |       | ANCHORS TYPE 'CM' |       |       |
| WIDTH (W)                                                        | FRAME HEIGHT | AW2               | AW3   | AW4   | BW2               | BW3   | BW4   | AC2               | AC3   | AC4   | BC2               | BC3   | BC4   | CM2               | CM3   | CM4   |
| 30”                                                              | 132”         | 85.3              | 128.0 | 135.0 | 112.2             | 135.0 | 135.0 | 111.6             | 135.0 | 135.0 | 135.0             | 135.0 | 135.0 | 125.7             | 135.0 | 135.0 |
| 36”                                                              |              | 73.0              | 109.5 | 135.0 | 96.0              | 135.0 | 135.0 | 95.4              | 135.0 | 135.0 | 119.0             | 135.0 | 135.0 | 107.5             | 135.0 | 135.0 |
| 42”                                                              |              | 64.2              | 96.4  | 128.5 | 84.5              | 126.8 | 135.0 | 84.0              | 126.0 | 135.0 | 104.8             | 135.0 | 135.0 | 94.6              | 135.0 | 135.0 |
| 48”                                                              |              | 57.8              | 86.7  | 115.6 | 76.0              | 114.0 | 135.0 | 75.6              | 113.3 | 135.0 | 94.2              | 135.0 | 135.0 | 85.1              | 127.7 | 135.0 |
| 52”                                                              |              | 54.3              | 81.5  | 108.7 | 71.5              | 107.2 | 135.0 | 71.1              | 106.6 | 135.0 | 88.6              | 132.9 | 135.0 | 80.0              | 120.1 | 135.0 |
| 54”                                                              |              | 52.8              | 79.2  | 105.7 | 69.5              | 104.2 | 135.0 | 69.1              | 103.6 | 135.0 | 86.1              | 129.2 | 135.0 | 77.8              | 116.7 | 135.0 |
| 60”                                                              |              | 48.9              | 73.4  | 97.9  | 64.4              | 96.6  | 128.8 | 64.0              | 96.0  | 128.0 | 79.8              | 119.7 | 135.0 | 72.1              | 108.1 | 135.0 |
| 30”                                                              | 138”         | 81.2              | 121.8 | 135.0 | 106.8             | 135.0 | 135.0 | 106.1             | 135.0 | 135.0 | 132.4             | 135.0 | 135.0 | 119.6             | 135.0 | 135.0 |
| 36”                                                              |              | 69.3              | 104.0 | 135.0 | 91.2              | 135.0 | 135.0 | 90.7              | 135.0 | 135.0 | 113.1             | 135.0 | 135.0 | 102.1             | 135.0 | 135.0 |
| 42”                                                              |              | 61.0              | 91.4  | 121.9 | 80.2              | 120.3 | 135.0 | 79.7              | 119.6 | 135.0 | 99.4              | 135.0 | 135.0 | 89.8              | 134.7 | 135.0 |
| 48”                                                              |              | 54.7              | 82.1  | 109.5 | 72.0              | 108.0 | 135.0 | 71.6              | 107.4 | 135.0 | 89.3              | 133.9 | 135.0 | 80.6              | 120.9 | 135.0 |
| 52”                                                              |              | 51.4              | 77.1  | 102.9 | 67.6              | 101.5 | 135.0 | 67.3              | 100.9 | 134.5 | 83.9              | 125.8 | 135.0 | 75.8              | 113.6 | 135.0 |
| 54”                                                              |              | 50.0              | 75.0  | 99.9  | 65.7              | 98.6  | 131.5 | 65.3              | 98.0  | 130.7 | 81.5              | 122.2 | 135.0 | 73.6              | 110.4 | 135.0 |
| 60”                                                              |              | 46.2              | 69.3  | 92.4  | 60.8              | 91.2  | 121.6 | 60.4              | 90.7  | 120.9 | 75.4              | 113.1 | 135.0 | 68.1              | 102.1 | 135.0 |
| 30”                                                              | 144”         | 77.4              | 116.1 | 135.0 | 101.8             | 135.0 | 135.0 | 101.2             | 135.0 | 135.0 | 126.2             | 135.0 | 135.0 | 114.0             | 135.0 | 135.0 |
| 36”                                                              |              | 66.0              | 99.0  | 132.1 | 86.9              | 130.3 | 135.0 | 86.3              | 129.5 | 135.0 | 107.7             | 135.0 | 135.0 | 97.3              | 135.0 | 135.0 |
| 42”                                                              |              | 58.0              | 87.0  | 116.0 | 76.3              | 114.4 | 135.0 | 75.8              | 113.7 | 135.0 | 94.6              | 135.0 | 135.0 | 85.4              | 128.1 | 135.0 |
| 48”                                                              |              | 52.0              | 78.0  | 104.0 | 68.4              | 102.6 | 135.0 | 68.0              | 102.0 | 135.0 | 84.8              | 127.2 | 135.0 | 76.6              | 114.9 | 135.0 |
| 52”                                                              |              | 48.8              | 73.2  | 97.6  | 64.2              | 96.3  | 128.4 | 63.8              | 95.7  | 127.7 | 79.6              | 119.4 | 135.0 | 71.9              | 107.9 | 135.0 |
| 54”                                                              |              | 47.4              | 71.1  | 94.8  | 62.4              | 93.5  | 124.7 | 62.0              | 93.0  | 124.0 | 77.3              | 116.0 | 135.0 | 69.8              | 104.8 | 135.0 |
| 60”                                                              |              | 43.8              | 65.7  | 87.6  | 57.6              | 86.4  | 115.2 | 57.3              | 85.9  | 114.5 | 71.4              | 107.1 | 135.0 | 64.5              | 96.8  | 129.0 |

| ANCHOR LOAD CAPACITY – PSF (3/8" MAX. SHIMS)<br>EXT.(+) & INT.(–) |              |                   |       |       |                   |       |       |                   |       |       |
|-------------------------------------------------------------------|--------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|
| NOMINAL DIMS.                                                     |              | ANCHORS TYPE 'BW' |       |       | ANCHORS TYPE 'BC' |       |       | ANCHORS TYPE 'CM' |       |       |
| WIDTH (W)                                                         | FRAME HEIGHT | BW2               | BW3   | BW4   | BC2               | BC3   | BC4   | CM2               | CM3   | CM4   |
| 30"                                                               | 96"          | 123.7             | 135.0 | 135.0 | 123.7             | 135.0 | 135.0 | 88.3              | 132.5 | 135.0 |
| 36"                                                               |              | 107.1             | 135.0 | 135.0 | 107.1             | 135.0 | 135.0 | 76.4              | 114.7 | 135.0 |
| 42"                                                               |              | 95.5              | 135.0 | 135.0 | 95.5              | 135.0 | 135.0 | 68.1              | 102.2 | 135.0 |
| 48"                                                               |              | 87.0              | 130.5 | 135.0 | 87.0              | 130.5 | 135.0 | 62.1              | 93.2  | 124.2 |
| 52"                                                               |              | 82.6              | 123.9 | 135.0 | 82.6              | 123.9 | 135.0 | 58.9              | 88.5  | 117.9 |
| 54"                                                               |              | 80.7              | 121.0 | 135.0 | 80.7              | 121.0 | 135.0 | 57.6              | 86.4  | 115.2 |
| 60"                                                               |              | 75.9              | 113.9 | 135.0 | 75.9              | 113.9 | 135.0 | 54.2              | 81.3  | 108.4 |
| 66"                                                               |              | 72.3              | 108.5 | 135.0 | 72.3              | 108.5 | 135.0 | 51.6              | 77.4  | 103.2 |
| 72"                                                               |              | 69.6              | 104.4 | 135.0 | 69.6              | 104.4 | 135.0 | 49.7              | 74.5  | 99.3  |
| 30"                                                               | 102"         | 115.2             | 135.0 | 135.0 | 115.2             | 135.0 | 135.0 | 82.2              | 123.4 | 135.0 |
| 36"                                                               |              | 99.4              | 135.0 | 135.0 | 99.4              | 135.0 | 135.0 | 71.0              | 106.5 | 135.0 |
| 42"                                                               |              | 88.4              | 132.6 | 135.0 | 88.4              | 132.6 | 135.0 | 63.1              | 94.6  | 126.1 |
| 48"                                                               |              | 80.3              | 120.5 | 135.0 | 80.3              | 120.5 | 135.0 | 57.3              | 86.0  | 114.6 |
| 52"                                                               |              | 76.1              | 114.1 | 135.0 | 76.1              | 114.1 | 135.0 | 54.3              | 81.5  | 108.6 |
| 54"                                                               |              | 74.2              | 111.4 | 135.0 | 74.2              | 111.4 | 135.0 | 53.0              | 79.5  | 106.0 |
| 60"                                                               |              | 69.6              | 104.4 | 135.0 | 69.6              | 104.4 | 135.0 | 49.7              | 74.5  | 99.3  |
| 66"                                                               |              | 66.0              | 99.0  | 132.0 | 66.0              | 99.0  | 132.0 | 47.1              | 70.7  | 94.2  |
| 72"                                                               |              | 63.3              | 94.9  | 126.5 | 63.3              | 94.9  | 126.5 | 45.2              | 67.8  | 90.3  |
| 30"                                                               | 108"         | 107.8             | 135.0 | 135.0 | 107.8             | 135.0 | 135.0 | 76.9              | 115.4 | 135.0 |
| 36"                                                               |              | 92.8              | 135.0 | 135.0 | 92.8              | 135.0 | 135.0 | 66.2              | 99.4  | 132.4 |
| 42"                                                               |              | 82.3              | 123.4 | 135.0 | 82.3              | 123.4 | 135.0 | 58.7              | 88.1  | 117.4 |
| 48"                                                               |              | 74.6              | 111.9 | 135.0 | 74.6              | 111.9 | 135.0 | 53.2              | 79.9  | 106.4 |
| 52"                                                               |              | 70.5              | 105.8 | 135.0 | 70.5              | 105.8 | 135.0 | 50.3              | 75.5  | 100.6 |
| 54"                                                               |              | 68.7              | 103.1 | 135.0 | 68.7              | 103.1 | 135.0 | 49.1              | 73.6  | 98.1  |
| 60"                                                               |              | 64.2              | 96.4  | 128.5 | 64.2              | 96.4  | 128.5 | 45.8              | 68.8  | 91.7  |
| 66"                                                               |              | 60.7              | 91.1  | 121.5 | 60.7              | 91.1  | 121.5 | 43.3              | 65.0  | 86.7  |
| 72"                                                               |              | 58.0              | 87.0  | 116.0 | 58.0              | 87.0  | 116.0 | 41.4              | 62.1  | 82.8  |
| 30"                                                               | 114"         | 101.2             | 135.0 | 135.0 | 101.2             | 135.0 | 135.0 | 72.2              | 108.4 | 135.0 |
| 36"                                                               |              | 87.0              | 130.5 | 135.0 | 87.0              | 130.5 | 135.0 | 62.1              | 93.2  | 124.2 |
| 42"                                                               |              | 77.0              | 115.5 | 135.0 | 77.0              | 115.5 | 135.0 | 54.9              | 82.4  | 109.9 |
| 48"                                                               |              | 69.6              | 104.4 | 135.0 | 69.6              | 104.4 | 135.0 | 49.7              | 74.5  | 99.3  |
| 52"                                                               |              | 65.7              | 98.6  | 131.4 | 65.7              | 98.6  | 131.4 | 46.9              | 70.4  | 93.8  |
| 54"                                                               |              | 64.0              | 96.0  | 128.0 | 64.0              | 96.0  | 128.0 | 45.7              | 68.5  | 91.3  |
| 60"                                                               |              | 59.7              | 89.5  | 119.3 | 59.7              | 89.5  | 119.3 | 42.6              | 63.9  | 85.1  |
| 66"                                                               |              | 56.2              | 84.4  | 112.5 | 56.2              | 84.4  | 112.5 | 40.1              | 60.2  | 80.3  |
| 72"                                                               |              | 53.5              | 80.3  | 107.1 | 53.5              | 80.3  | 107.1 | 38.2              | 57.3  | 76.4  |
| 30"                                                               | 120"         | 95.5              | 135.0 | 135.0 | 95.5              | 135.0 | 135.0 | 68.1              | 102.2 | 135.0 |
| 36"                                                               |              | 81.9              | 122.8 | 135.0 | 81.9              | 122.8 | 135.0 | 58.4              | 87.7  | 116.9 |
| 42"                                                               |              | 72.3              | 108.5 | 135.0 | 72.3              | 108.5 | 135.0 | 51.6              | 77.4  | 103.2 |
| 48"                                                               |              | 65.3              | 97.9  | 130.5 | 65.3              | 97.9  | 130.5 | 46.6              | 69.9  | 93.1  |
| 52"                                                               |              | 61.5              | 92.3  | 123.0 | 61.5              | 92.3  | 123.0 | 43.9              | 65.9  | 87.8  |
| 54"                                                               |              | 59.9              | 89.8  | 119.7 | 59.9              | 89.8  | 119.7 | 42.7              | 64.1  | 85.4  |
| 60"                                                               |              | 55.7              | 83.5  | 111.4 | 55.7              | 83.5  | 111.4 | 39.7              | 59.6  | 79.5  |
| 66"                                                               |              | 52.4              | 78.5  | 104.7 | 52.4              | 78.5  | 104.7 | 37.4              | 56.1  | 74.7  |
| 72"                                                               |              | 49.7              | 74.6  | 99.4  | 49.7              | 74.6  | 99.4  | 35.5              | 53.2  | 71.0  |
| 30"                                                               | 126"         | 90.3              | 135.0 | 135.0 | 90.3              | 135.0 | 135.0 | 64.4              | 96.7  | 128.9 |
| 36"                                                               |              | 77.3              | 116.0 | 135.0 | 77.3              | 116.0 | 135.0 | 55.2              | 82.8  | 110.4 |
| 42"                                                               |              | 68.2              | 102.3 | 135.0 | 68.2              | 102.3 | 135.0 | 48.7              | 73.0  | 97.3  |
| 48"                                                               |              | 61.4              | 92.1  | 122.8 | 61.4              | 92.1  | 122.8 | 43.8              | 65.8  | 87.6  |
| 52"                                                               |              | 57.8              | 86.7  | 115.6 | 57.8              | 86.7  | 115.6 | 41.3              | 61.9  | 82.5  |
| 54"                                                               |              | 56.2              | 84.4  | 112.5 | 56.2              | 84.4  | 112.5 | 40.1              | 60.2  | 80.3  |
| 60"                                                               |              | 52.2              | 78.3  | 104.4 | 52.2              | 78.3  | 104.4 | 37.3              | 55.9  | 74.5  |
| 66"                                                               |              | 49.0              | 73.5  | 98.0  | 49.0              | 73.5  | 98.0  | 35.0              | 52.5  | 69.9  |

| ANCHOR LOAD CAPACITY – PSF (3/8" MAX. SHIMS)<br>EXT.(+) & INT.(–) |              |                   |       |       |                   |       |       |                   |      |       |
|-------------------------------------------------------------------|--------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|------|-------|
| NOMINAL DIMS.                                                     |              | ANCHORS TYPE 'BW' |       |       | ANCHORS TYPE 'BC' |       |       | ANCHORS TYPE 'CM' |      |       |
| WIDTH (W)                                                         | FRAME HEIGHT | BW2               | BW3   | BW4   | BC2               | BC3   | BC4   | CM2               | CM3  | CM4   |
| 30"                                                               | 132"         | 85.7              | 128.5 | 135.0 | 85.7              | 128.5 | 135.0 | 61.1              | 91.7 | 122.3 |
| 36"                                                               |              | 73.3              | 109.9 | 135.0 | 73.3              | 109.9 | 135.0 | 52.3              | 78.5 | 104.6 |
| 42"                                                               |              | 64.5              | 96.7  | 129.0 | 64.5              | 96.7  | 129.0 | 46.0              | 69.1 | 92.0  |
| 48"                                                               |              | 58.0              | 87.0  | 116.0 | 58.0              | 87.0  | 116.0 | 41.4              | 62.1 | 82.8  |
| 52"                                                               |              | 54.5              | 81.8  | 109.1 | 54.5              | 81.8  | 109.1 | 38.9              | 58.4 | 77.9  |
| 54"                                                               |              | 53.0              | 79.5  | 106.1 | 53.0              | 79.5  | 106.1 | 37.8              | 56.8 | 75.7  |
| 60"                                                               |              | 49.1              | 73.7  | 98.3  | 49.1              | 73.7  | 98.3  | 35.1              | 52.6 | 70.1  |
| 30"                                                               | 138"         | 81.5              | 122.2 | 135.0 | 81.5              | 122.2 | 135.0 | 58.1              | 87.3 | 116.3 |
| 36"                                                               |              | 69.6              | 104.4 | 135.0 | 69.6              | 104.4 | 135.0 | 49.7              | 74.5 | 99.3  |
| 42"                                                               |              | 61.2              | 91.8  | 122.4 | 61.2              | 91.8  | 122.4 | 43.7              | 65.5 | 87.3  |
| 48"                                                               |              | 54.9              | 82.4  | 109.9 | 54.9              | 82.4  | 109.9 | 39.2              | 58.8 | 78.4  |
| 52"                                                               |              | 51.6              | 77.4  | 103.3 | 51.6              | 77.4  | 103.3 | 36.8              | 55.3 | 73.7  |
| 54"                                                               |              | 50.2              | 75.2  | 100.3 | 50.2              | 75.2  | 100.3 | 35.8              | 53.7 | 71.6  |
| 60"                                                               |              | 46.4              | 69.6  | 92.8  | 46.4              | 69.6  | 92.8  | 33.1              | 49.7 | 66.2  |
| 30"                                                               | 144"         | 77.7              | 116.5 | 135.0 | 77.7              | 116.5 | 135.0 | 55.4              | 83.2 | 110.9 |
| 36"                                                               |              | 66.3              | 99.4  | 132.6 | 66.3              | 99.4  | 132.6 | 47.3              | 71.0 | 94.6  |
| 42"                                                               |              | 58.2              | 87.3  | 116.4 | 58.2              | 87.3  | 116.4 | 41.5              | 62.3 | 83.1  |
| 48"                                                               |              | 52.2              | 78.3  | 104.4 | 52.2              | 78.3  | 104.4 | 37.3              | 55.9 | 74.5  |
| 52"                                                               |              | 49.0              | 73.5  | 98.0  | 49.0              | 73.5  | 98.0  | 35.0              | 52.5 | 69.9  |
| 54"                                                               |              | 47.6              | 71.4  | 95.2  | 47.6              | 71.4  | 95.2  | 34.0              | 51.0 | 67.9  |
| 60"                                                               |              | 44.0              | 65.9  | 87.9  | 44.0              | 65.9  | 87.9  | 31.4              | 47.1 | 62.7  |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

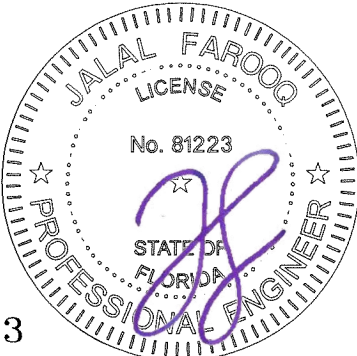


SEE SHEET 12 FOR ANCHOR TYPES.

Sealed: 8/6/2026

HEAD/SILL ANCHORS

FL #19973



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\21-51FAQP

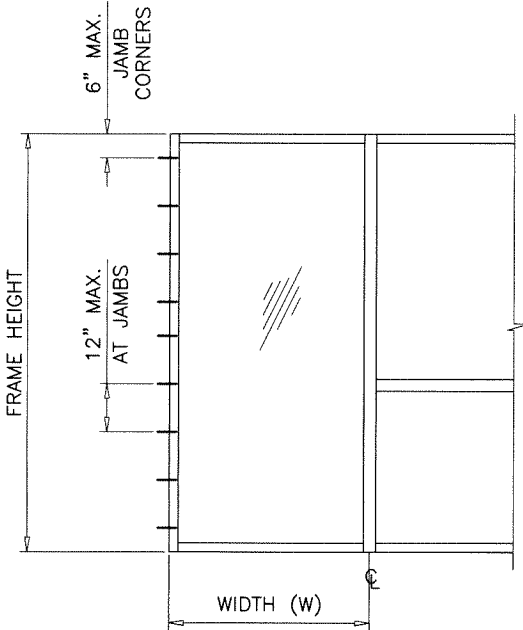
SERIES FRONT SET ALUM WINDOW WALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

Revisions:  
no date by description  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300  
301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400  
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500  
501  
502  
503  
504  
505  
506  
507  
508  
509  
510  
511  
512  
513  
514  
515  
516  
517  
518  
519  
520  
521  
522  
523  
524  
525  
526  
527  
528  
529  
530  
531  
532  
533  
534  
535  
536  
537  
538  
539  
540  
541  
542  
543  
544  
545  
546  
547  
548  
549  
550  
551  
552  
553  
554  
555  
556  
557  
558  
559  
560  
561  
562  
563  
564  
565  
566  
567  
568  
569  
570  
571  
572  
573  
574  
575  
576  
577  
578  
579  
580  
581  
582  
583  
584  
585  
586  
587  
588  
589  
590  
591  
592  
593  
594  
595  
596  
597  
598  
599  
600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632  
633  
634  
635  
636  
637  
638  
639  
640  
641  
642  
643  
644  
645  
646  
647  
6

| JAMB ANCHOR LOAD CAPACITY – PSF<br>EXT.(+) & INT.(–) |              |                       |                       |            |                              |            |
|------------------------------------------------------|--------------|-----------------------|-----------------------|------------|------------------------------|------------|
| NOMINAL DIMS.                                        |              | ANCHORS<br>'AW', 'AC' | ANCHORS TYPES<br>'CM' |            | ANCHORS TYPES<br>'BW' & 'BC' |            |
| WIDTH (W)                                            | FRAME HEIGHT | 1/4" SHIMS            | 3/8" SHIMS            | 1/4" SHIMS | 3/8" SHIMS                   | 1/4" SHIMS |
| 30"                                                  | 84"          | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 36"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 42"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 48"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 54"                                                  |              | 135.0                 | 131.5                 | 135.0      | 135.0                        | 135.0      |
| 60"                                                  |              | 135.0                 | 124.9                 | 135.0      | 135.0                        | 135.0      |
| 66"                                                  |              | 135.0                 | 120.2                 | 135.0      | 135.0                        | 135.0      |
| 72"                                                  |              | 135.0                 | 117.1                 | 135.0      | 135.0                        | 135.0      |
| 30"                                                  | 90"          | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 36"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 42"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 48"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 54"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 60"                                                  |              | 135.0                 | 128.4                 | 135.0      | 135.0                        | 135.0      |
| 66"                                                  |              | 135.0                 | 122.9                 | 135.0      | 135.0                        | 135.0      |
| 72"                                                  |              | 135.0                 | 118.9                 | 135.0      | 135.0                        | 135.0      |
| 30"                                                  | 96"          | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 36"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 42"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 48"                                                  |              | 135.0                 | 133.8                 | 135.0      | 135.0                        | 135.0      |
| 54"                                                  |              | 135.0                 | 124.1                 | 135.0      | 135.0                        | 135.0      |
| 60"                                                  |              | 135.0                 | 116.8                 | 135.0      | 135.0                        | 135.0      |
| 66"                                                  |              | 135.0                 | 111.2                 | 135.0      | 135.0                        | 135.0      |
| 72"                                                  |              | 133.3                 | 107.0                 | 133.3      | 135.0                        | 135.0      |
| 30"                                                  | 102"         | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 36"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 42"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 48"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 54"                                                  |              | 135.0                 | 128.4                 | 135.0      | 135.0                        | 135.0      |
| 60"                                                  |              | 135.0                 | 120.4                 | 135.0      | 135.0                        | 135.0      |
| 66"                                                  |              | 135.0                 | 114.2                 | 135.0      | 135.0                        | 135.0      |
| 72"                                                  |              | 135.0                 | 109.5                 | 135.0      | 135.0                        | 135.0      |
| 30"                                                  | 108"         | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 36"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 42"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 48"                                                  |              | 135.0                 | 129.0                 | 135.0      | 135.0                        | 135.0      |
| 54"                                                  |              | 135.0                 | 118.9                 | 135.0      | 135.0                        | 135.0      |
| 60"                                                  |              | 135.0                 | 111.2                 | 135.0      | 135.0                        | 135.0      |
| 66"                                                  |              | 130.9                 | 105.1                 | 130.9      | 135.0                        | 135.0      |
| 72"                                                  |              | 125.0                 | 100.4                 | 125.0      | 130.6                        | 135.0      |
| 30"                                                  | 114"         | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 36"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 42"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 48"                                                  |              | 135.0                 | 133.8                 | 135.0      | 135.0                        | 135.0      |
| 54"                                                  |              | 135.0                 | 123.0                 | 135.0      | 135.0                        | 135.0      |
| 60"                                                  |              | 135.0                 | 114.7                 | 135.0      | 135.0                        | 135.0      |
| 66"                                                  |              | 134.7                 | 108.1                 | 134.7      | 135.0                        | 135.0      |
| 72"                                                  |              | 128.2                 | 102.9                 | 128.2      | 133.9                        | 135.0      |
| 30"                                                  | 120"         | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 36"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 42"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 48"                                                  |              | 135.0                 | 125.4                 | 135.0      | 135.0                        | 135.0      |
| 54"                                                  |              | 135.0                 | 115.1                 | 135.0      | 135.0                        | 135.0      |
| 60"                                                  |              | 133.3                 | 107.0                 | 133.3      | 135.0                        | 135.0      |
| 66"                                                  |              | 125.4                 | 100.7                 | 125.4      | 131.0                        | 135.0      |
| 72"                                                  |              | 119.0                 | 95.6                  | 119.0      | 124.3                        | 135.0      |

| JAMB ANCHOR LOAD CAPACITY – PSF<br>EXT.(+) & INT.(–) |              |                       |                       |            |                              |            |
|------------------------------------------------------|--------------|-----------------------|-----------------------|------------|------------------------------|------------|
| NOMINAL DIMS.                                        |              | ANCHORS<br>'AW', 'AC' | ANCHORS TYPES<br>'CM' |            | ANCHORS TYPES<br>'BW' & 'BC' |            |
| WIDTH (W)                                            | FRAME HEIGHT | 1/4" SHIMS            | 3/8" SHIMS            | 1/4" SHIMS | 3/8" SHIMS                   | 1/4" SHIMS |
| 30"                                                  | 126"         | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 36"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 42"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 48"                                                  |              | 135.0                 | 129.9                 | 135.0      | 135.0                        | 135.0      |
| 54"                                                  |              | 135.0                 | 118.9                 | 135.0      | 135.0                        | 135.0      |
| 60"                                                  |              | 135.0                 | 110.4                 | 135.0      | 135.0                        | 135.0      |
| 66"                                                  |              | 129.0                 | 103.6                 | 129.0      | 134.8                        | 135.0      |
| 72"                                                  |              | 122.2                 | 98.1                  | 122.2      | 127.6                        | 135.0      |
| 30"                                                  | 132"         | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 36"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 42"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 48"                                                  |              | 135.0                 | 122.7                 | 135.0      | 135.0                        | 135.0      |
| 54"                                                  |              | 135.0                 | 112.1                 | 135.0      | 135.0                        | 135.0      |
| 60"                                                  |              | 129.4                 | 103.9                 | 129.4      | 135.0                        | 135.0      |
| 66"                                                  |              | 121.2                 | 97.3                  | 121.2      | 126.6                        | 135.0      |
| 72"                                                  |              | 114.6                 | 92.0                  | 114.6      | 119.7                        | 135.0      |
| 30"                                                  | 138"         | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 36"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 42"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 48"                                                  |              | 135.0                 | 126.8                 | 135.0      | 135.0                        | 135.0      |
| 54"                                                  |              | 135.0                 | 115.7                 | 135.0      | 135.0                        | 135.0      |
| 60"                                                  |              | 133.3                 | 107.0                 | 133.3      | 135.0                        | 135.0      |
| 66"                                                  |              | 124.7                 | 100.1                 | 124.7      | 130.2                        | 135.0      |
| 72"                                                  |              | 117.6                 | 94.4                  | 117.6      | 122.9                        | 135.0      |
| 30"                                                  | 144"         | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 36"                                                  |              | 135.0                 | 135.0                 | 135.0      | 135.0                        | 135.0      |
| 42"                                                  |              | 135.0                 | 134.3                 | 135.0      | 135.0                        | 135.0      |
| 48"                                                  |              | 135.0                 | 120.4                 | 135.0      | 135.0                        | 135.0      |
| 54"                                                  |              | 135.0                 | 109.8                 | 135.0      | 135.0                        | 135.0      |
| 60"                                                  |              | 126.3                 | 101.4                 | 126.3      | 131.9                        | 135.0      |
| 66"                                                  |              | 117.9                 | 94.7                  | 117.9      | 123.2                        | 135.0      |
| 72"                                                  |              | 111.1                 | 89.2                  | 111.1      | 116.0                        | 135.0      |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



SEE SHEET 12 FOR ANCHOR TYPES.

JAMB ANCHORS

Sealed: 8/6/2026

FL #19973



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

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

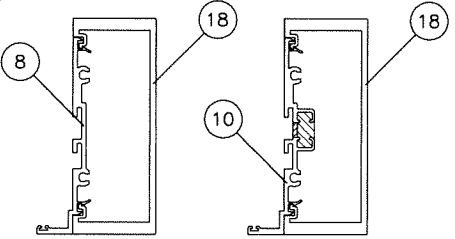
revisions:  
no date by description

date: 06-10-21  
scale: -  
dr. by: TARIQ  
chk. by:

drawing no.  
**21-51F**  
sheet 15 of 27

| STD. DOOR MULLION LOAD CAPACITY |              |                   |
|---------------------------------|--------------|-------------------|
| NOMINAL DIMS.                   |              | W/O REINF.        |
| WIDTH (W)                       | FRAME HEIGHT | EXT.(+) & INT.(-) |
| 30"                             | 84"          | 90.0              |
| 36"                             |              | 90.0              |
| 42"                             |              | 90.0              |
| 48"                             |              | 90.0              |
| 54"                             |              | 90.0              |
| 60"                             |              | 90.0              |
| 30"                             | 96"          | 90.0              |
| 36"                             |              | 90.0              |
| 42"                             |              | 90.0              |
| 48"                             |              | 85.9              |
| 54"                             |              | 76.4              |
| 60"                             |              | 68.7              |
| 30"                             | 97-3/4"      | 90.0              |
| 36"                             |              | 90.0              |
| 42"                             |              | 90.0              |
| 48"                             |              | 82.7              |
| 54"                             |              | 73.5              |
| 58"                             |              | 68.4              |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

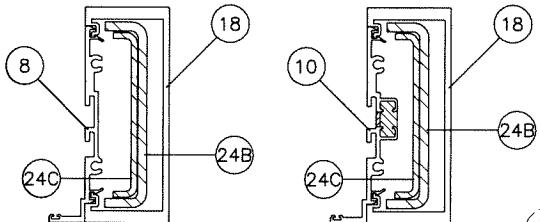


STD. DOOR MULLION W/O REINF.  
(LEVEL 'D' IMPACT)

|                    |                    |
|--------------------|--------------------|
| Ix IN <sup>4</sup> | Sx IN <sup>3</sup> |
| 6.063              | 2.695              |

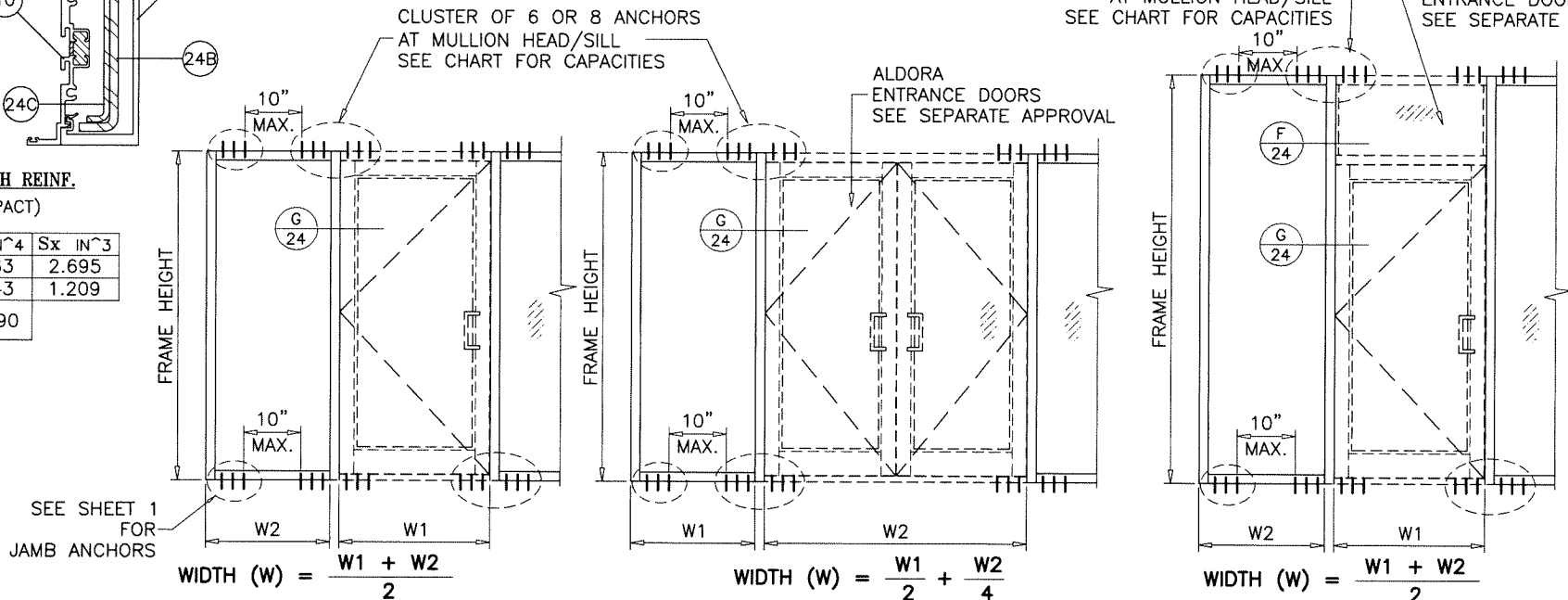
| STD. DOOR MULLION LOAD CAPACITY |              |                   |
|---------------------------------|--------------|-------------------|
| NOMINAL DIMS.                   |              | WITH REINF.       |
| WIDTH (W)                       | FRAME HEIGHT | EXT.(+) & INT.(-) |
| 30"                             | 84"          | 100.0             |
| 36"                             |              | 100.0             |
| 42"                             |              | 100.0             |
| 48"                             |              | 100.0             |
| 54"                             |              | 100.0             |
| 60"                             |              | 100.0             |
| 30"                             | 96"          | 100.0             |
| 36"                             |              | 100.0             |
| 42"                             |              | 100.0             |
| 48"                             |              | 100.0             |
| 54"                             |              | 100.0             |
| 60"                             |              | 100.0             |
| 30"                             | 102"         | 100.0             |
| 36"                             |              | 100.0             |
| 42"                             |              | 100.0             |
| 48"                             |              | 100.0             |
| 54"                             |              | 100.0             |
| 60"                             |              | 91.6              |
| 30"                             | 108"         | 100.0             |
| 36"                             |              | 100.0             |
| 42"                             |              | 100.0             |
| 48"                             |              | 100.0             |
| 54"                             |              | 90.8              |
| 60"                             |              | 81.7              |
| 30"                             | 114"         | 100.0             |
| 36"                             |              | 100.0             |
| 42"                             |              | 100.0             |
| 48"                             |              | 91.7              |
| 54"                             |              | 81.5              |
| 58"                             |              | 75.9              |
| 30"                             | 120"         | 100.0             |
| 36"                             |              | 100.0             |
| 42"                             |              | 94.6              |
| 48"                             |              | 82.7              |
| 54"                             |              | 73.6              |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



STD. DOOR MULLION WITH REINF.  
(LEVEL 'D' & 'E' IMPACT)

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 | Ix IN <sup>4</sup> | Sx IN <sup>3</sup> |
| ALUMINUM                        | 6.063              | 2.695              |
| STEEL                           | 2.343              | 1.209              |
| TOTAL<br>Ix ALUM + Ix STL X 2.9 | 12.790             |                    |



| NOMINAL DIMS. |              | DOOR MULLION ANCHORS LOAD CAPACITY - PSF |                      |                             |                             |                             |                             |                             |                             |
|---------------|--------------|------------------------------------------|----------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|               |              | 6 ANCHORS AT MULLION ENDS                |                      |                             |                             | 8 ANCHORS AT MULLION ENDS   |                             |                             |                             |
|               |              | 1/4" MAX. SHIMS                          |                      | 3/8" SHIMS                  |                             | 1/4" MAX. SHIMS             |                             | 3/8" SHIMS                  |                             |
|               |              | ANCHOR TYPES<br>'AW' & 'AC'              | ANCHOR TYPES<br>'CM' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'AW' & 'AC' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'BW' & 'BC' |
| WIDTH (W)     | FRAME HEIGHT | EXT. (+)<br>INT. (-)                     | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        |
| 30"           | 84"          | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 36"           |              | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 42"           |              | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 48"           |              | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 54"           |              | 99.0                                     | 100.0                | 100.0                       | 99.4                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 60"           |              | 89.1                                     | 100.0                | 100.0                       | 89.5                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 30"           | 96"          | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 36"           |              | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 42"           |              | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 48"           |              | 97.5                                     | 100.0                | 100.0                       | 97.9                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 54"           |              | 86.7                                     | 100.0                | 100.0                       | 87.0                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 60"           |              | 78.0                                     | 100.0                | 100.0                       | 78.3                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 30"           | 102"         | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 36"           |              | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 42"           |              | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 48"           |              | 91.8                                     | 100.0                | 100.0                       | 92.1                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 54"           |              | 81.6                                     | 100.0                | 100.0                       | 81.9                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 60"           |              | 73.4                                     | 100.0                | 96.6                        | 73.7                        | 97.9                        | 100.0                       | 98.3                        | 98.3                        |
| 30"           | 108"         | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 36"           |              | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 42"           |              | 99.0                                     | 100.0                | 100.0                       | 99.4                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 48"           |              | 86.7                                     | 100.0                | 100.0                       | 87.0                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 54"           |              | 77.0                                     | 100.0                | 100.0                       | 77.3                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 60"           |              | 69.3                                     | 100.0                | 91.2                        | 69.6                        | 92.4                        | 100.0                       | 92.8                        | 92.8                        |
| 30"           | 114"         | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 36"           |              | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 42"           |              | 93.8                                     | 100.0                | 100.0                       | 94.2                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 48"           |              | 82.1                                     | 100.0                | 100.0                       | 82.4                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 54"           |              | 73.0                                     | 100.0                | 96.0                        | 73.3                        | 97.3                        | 100.0                       | 97.7                        | 97.7                        |
| 58"           |              | 67.9                                     | 100.0                | 89.4                        | 68.2                        | 90.6                        | 100.0                       | 90.9                        | 90.9                        |
| 30"           | 120"         | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 36"           |              | 100.0                                    | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 42"           |              | 89.1                                     | 100.0                | 100.0                       | 89.5                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 48"           |              | 78.0                                     | 100.0                | 100.0                       | 78.3                        | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 54"           |              | 69.3                                     | 100.0                | 91.2                        | 69.6                        | 92.4                        | 100.0                       | 92.8                        | 92.8                        |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

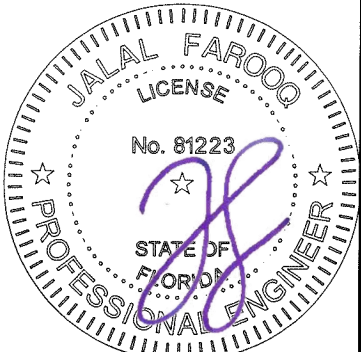
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
C.A.N. 3538

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

Sealed: 8/6/2026

DOOR MULLION

FL #19973



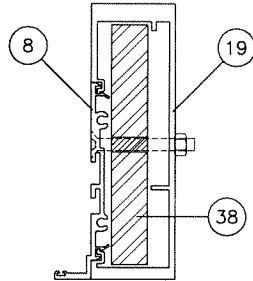
|             |          |          |          |             |
|-------------|----------|----------|----------|-------------|
| revisions:  | no       | date     | by       | description |
|             |          |          |          |             |
|             |          |          |          |             |
|             |          |          |          |             |
|             |          |          |          |             |
| date:       | 06-10-21 | scale:   | -        |             |
| dr. by:     | TARIQ    | chk. by: |          |             |
| drawing no. | 21-51F   | sheet    | 16 of 27 |             |

| H.D. DOOR MULLION LOAD CAPACITY |              |                   |
|---------------------------------|--------------|-------------------|
| NOMINAL DIMS.                   |              | WITH REINF.       |
| WIDTH (W)                       | FRAME HEIGHT | EXT.(+) & INT.(-) |
| 30"                             | 126"         | 100.0             |
| 36"                             |              | 100.0             |
| 42"                             |              | 100.0             |
| 48"                             |              | 100.0             |
| 54"                             |              | 100.0             |
| 30"                             | 132"         | 100.0             |
| 36"                             |              | 100.0             |
| 42"                             |              | 100.0             |
| 48"                             |              | 100.0             |
| 54"                             |              | 100.0             |
| 30"                             | 138"         | 100.0             |
| 36"                             |              | 100.0             |
| 42"                             |              | 100.0             |
| 48"                             |              | 100.0             |
| 54"                             |              | 100.0             |
| 30"                             | 144"         | 100.0             |
| 36"                             |              | 100.0             |
| 42"                             |              | 100.0             |
| 48"                             |              | 100.0             |
| 54"                             |              | 100.0             |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

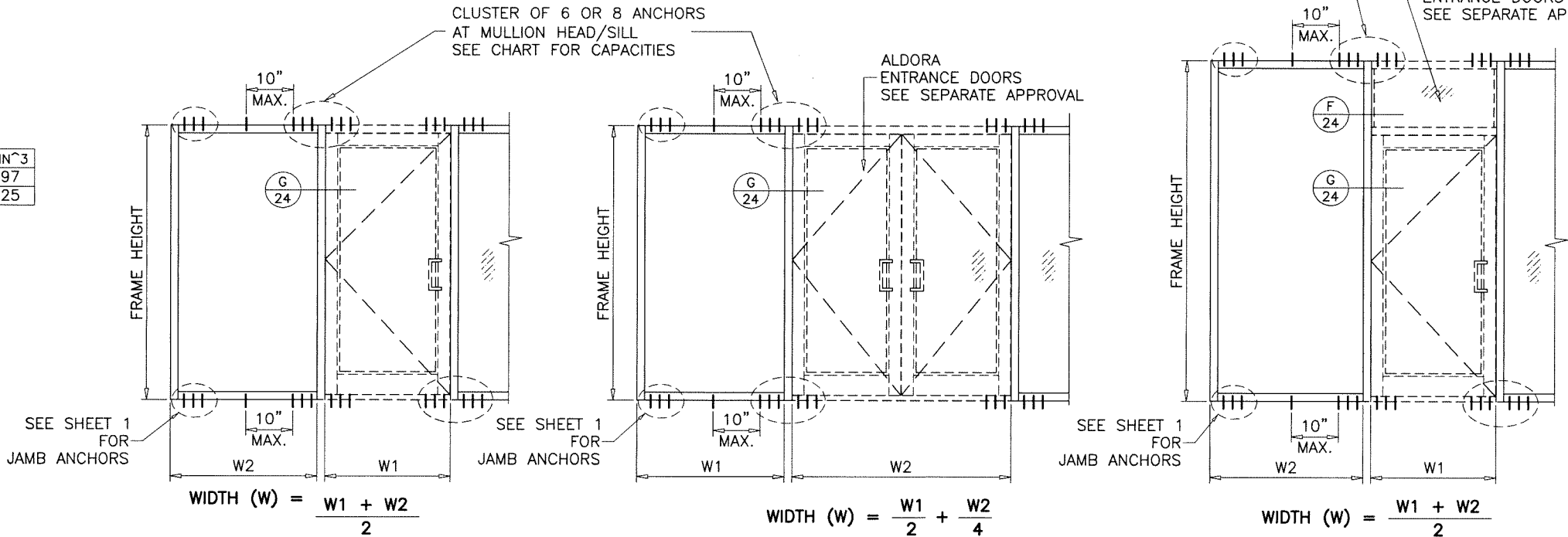
| DOOR MULLION ANCHORS LOAD CAPACITY - PSF |              |                             |                      |                             |                             |                             |                             |                             |
|------------------------------------------|--------------|-----------------------------|----------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| NOMINAL DIMS.                            |              | 6 ANCHORS AT MULLION ENDS   |                      |                             |                             | 8 ANCHORS AT MULLION ENDS   |                             |                             |
|                                          |              | 1/4" MAX. SHIMS             |                      | 3/8" SHIMS                  |                             | 1/4" MAX. SHIMS             |                             | 3/8" SHIMS                  |
|                                          |              | ANCHOR TYPES<br>'AW' & 'AC' | ANCHOR TYPES<br>'CM' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'AW' & 'AC' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'BW' & 'BC' |
| WIDTH (W)                                | FRAME HEIGHT | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        |
| 30"                                      | 126"         | 100.0                       | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 36"                                      |              | 99.0                        | 100.0                | 100.0                       | 99.4                        | 100.0                       | 100.0                       | 100.0                       |
| 42"                                      |              | 84.9                        | 100.0                | 100.0                       | 85.2                        | 100.0                       | 100.0                       | 100.0                       |
| 48"                                      |              | 74.3                        | 100.0                | 97.7                        | 74.6                        | 99.0                        | 100.0                       | 99.4                        |
| 54"                                      |              | 66.0                        | 97.3                 | 86.9                        | 66.3                        | 88.0                        | 100.0                       | 88.4                        |
| 60"                                      |              | 59.4                        | 87.5                 | 78.2                        | 59.7                        | 79.2                        | 100.0                       | 79.5                        |
| 30"                                      | 132"         | 100.0                       | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 36"                                      |              | 94.5                        | 100.0                | 100.0                       | 94.9                        | 100.0                       | 100.0                       | 100.0                       |
| 42"                                      |              | 81.0                        | 100.0                | 100.0                       | 81.4                        | 100.0                       | 100.0                       | 100.0                       |
| 48"                                      |              | 70.9                        | 100.0                | 93.3                        | 71.2                        | 94.5                        | 100.0                       | 94.9                        |
| 54"                                      |              | 63.0                        | 92.8                 | 82.9                        | 63.3                        | 84.0                        | 100.0                       | 84.4                        |
| 60"                                      |              | 56.7                        | 83.6                 | 74.6                        | 56.9                        | 75.6                        | 99.5                        | 75.9                        |
| 30"                                      | 138"         | 100.0                       | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 36"                                      |              | 90.4                        | 100.0                | 100.0                       | 90.8                        | 100.0                       | 100.0                       | 100.0                       |
| 42"                                      |              | 77.5                        | 100.0                | 100.0                       | 77.8                        | 100.0                       | 100.0                       | 100.0                       |
| 48"                                      |              | 67.8                        | 99.9                 | 89.2                        | 68.1                        | 90.4                        | 100.0                       | 90.8                        |
| 54"                                      |              | 60.3                        | 88.8                 | 79.3                        | 60.5                        | 80.4                        | 100.0                       | 80.7                        |
| 57"                                      |              | 57.1                        | 84.1                 | 75.1                        | 57.3                        | 76.2                        | 100.0                       | 76.4                        |
| 30"                                      | 144"         | 100.0                       | 100.0                | 100.0                       | 100.0                       | 100.0                       | 100.0                       | 100.0                       |
| 36"                                      |              | 86.7                        | 100.0                | 100.0                       | 87.0                        | 100.0                       | 100.0                       | 100.0                       |
| 42"                                      |              | 74.3                        | 100.0                | 97.7                        | 74.6                        | 99.0                        | 100.0                       | 99.4                        |
| 48"                                      |              | 65.0                        | 95.8                 | 85.5                        | 65.3                        | 86.7                        | 100.0                       | 87.0                        |
| 54"                                      |              | 57.8                        | 85.1                 | 76.0                        | 58.0                        | 77.0                        | 100.0                       | 77.3                        |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



H.D. DOOR MULLION WITH REINF.  
(LEVEL 'D' & 'E' IMPACT)

|                                 | Ix IN <sup>4</sup> | Sx IN <sup>3</sup> |
|---------------------------------|--------------------|--------------------|
| ALUMINUM                        | 11.342             | 3.497              |
| STEEL                           | 7.8125             | 3.125              |
| TOTAL<br>Ix ALUM + Ix STL X 2.9 | 33.7739            |                    |



DOOR MULLION

FL #19973



Sealed: 8/6/2026

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

SERIES FRONT SET ALUM WINDOW WALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
|            |    |      |    |             |

|          |          |
|----------|----------|
| date:    | 06-10-21 |
| scale:   | -        |
| dr. by:  | TARIQ    |
| chk. by: |          |

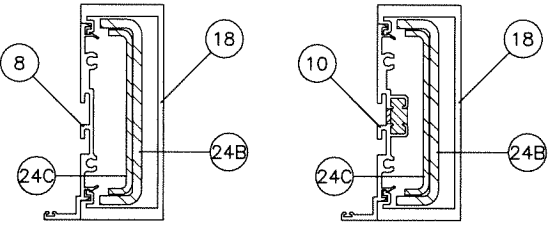
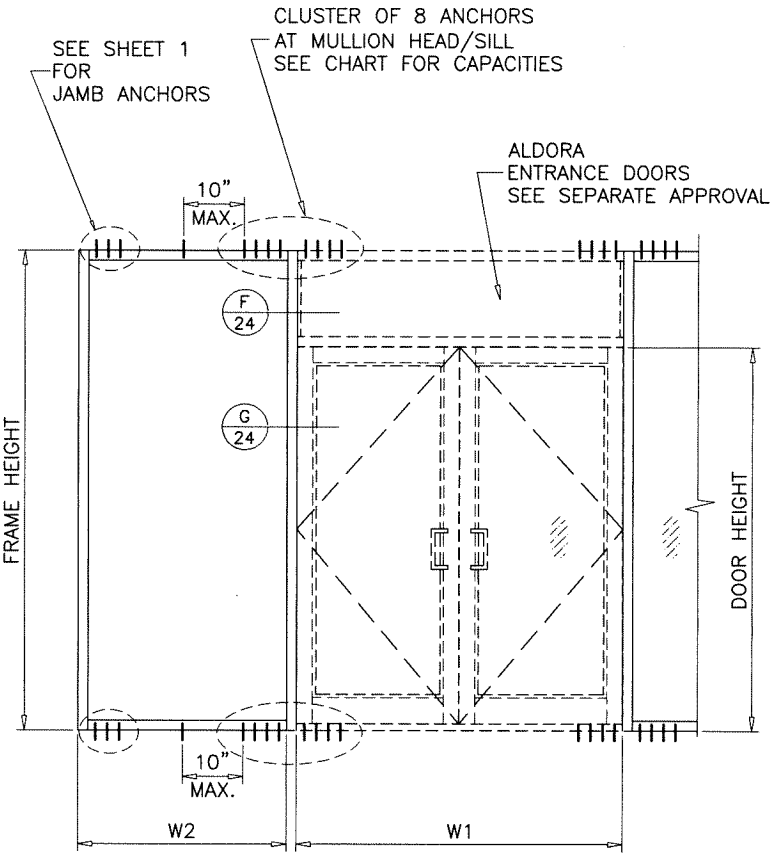
drawing no.  
**21-51F**  
sheet 17 of 27

| STD. DOOR MULLION LOAD CAPACITY - PSF |                       |                      |                      |                      |
|---------------------------------------|-----------------------|----------------------|----------------------|----------------------|
| NOMINAL DIMS.                         |                       |                      |                      | WITH REINF.          |
| FRAME HEIGHT<br>INCHES                | DOOR HEIGHT<br>INCHES | WIDTH (W1)<br>INCHES | WIDTH (W2)<br>INCHES | EXT. (+)<br>INT. (-) |
| 108                                   | 84                    | 84                   | 30                   | 97.1                 |
|                                       |                       |                      | 36                   | 91.6                 |
|                                       |                       |                      | 42                   | 86.8                 |
|                                       |                       |                      | 48                   | 82.4                 |
|                                       |                       |                      | 54                   | 78.4                 |
|                                       |                       |                      | 60                   | 74.8                 |
|                                       | 98-7/16               | 84                   | 30                   | 86.6                 |
|                                       |                       |                      | 36                   | 82.2                 |
|                                       |                       |                      | 42                   | 78.3                 |
|                                       |                       |                      | 48                   | 74.7                 |
|                                       |                       |                      | 54                   | 71.5                 |
|                                       |                       |                      | 60                   | 68.5                 |
| 120                                   | 84                    | 84                   | 30                   | 74.0                 |
|                                       |                       |                      | 36                   | 70.1                 |
|                                       |                       |                      | 42                   | 66.6                 |
|                                       |                       |                      | 48                   | 63.4                 |
|                                       |                       |                      | 54                   | 60.5                 |
|                                       |                       |                      | 60                   | 57.9                 |
|                                       | 98-7/16               | 84                   | 30                   | 65.9                 |
|                                       |                       |                      | 36                   | 62.8                 |
|                                       |                       |                      | 42                   | 59.9                 |
|                                       |                       |                      | 48                   | 57.3                 |
|                                       |                       |                      | 54                   | 55.0                 |
|                                       |                       |                      | 60                   | 52.8                 |
| 108                                   | 96                    | 84                   | 30                   | 100.0                |
|                                       |                       |                      | 36                   | 100.0                |
|                                       |                       |                      | 42                   | 97.5                 |
|                                       |                       |                      | 48                   | 92.0                 |
|                                       |                       |                      | 54                   | 87.1                 |
|                                       |                       |                      | 60                   | 82.7                 |
|                                       | 98-7/16               | 84                   | 30                   | 99.4                 |
|                                       |                       |                      | 36                   | 93.7                 |
|                                       |                       |                      | 42                   | 88.6                 |
|                                       |                       |                      | 48                   | 84.1                 |
|                                       |                       |                      | 54                   | 80.0                 |
|                                       |                       |                      | 60                   | 76.2                 |
| 120                                   | 96                    | 84                   | 30                   | 80.3                 |
|                                       |                       |                      | 36                   | 75.7                 |
|                                       |                       |                      | 42                   | 71.6                 |
|                                       |                       |                      | 48                   | 68.0                 |
|                                       |                       |                      | 54                   | 64.6                 |
|                                       |                       |                      | 60                   | 61.6                 |
|                                       | 98-7/16               | 84                   | 30                   | 71.7                 |
|                                       |                       |                      | 36                   | 68.1                 |
|                                       |                       |                      | 42                   | 64.7                 |
|                                       |                       |                      | 48                   | 61.7                 |
|                                       |                       |                      | 54                   | 59.0                 |
|                                       |                       |                      | 60                   | 56.5                 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

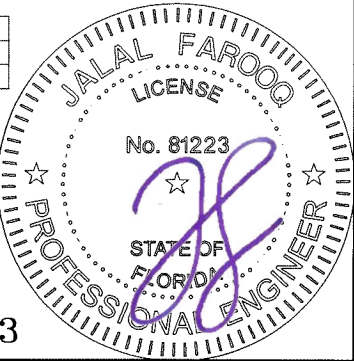
| DOOR MULLION ANCHORS LOAD CAPACITY - PSF |                       |                      |                      |                             |                      |                             |                             |                      |                             |
|------------------------------------------|-----------------------|----------------------|----------------------|-----------------------------|----------------------|-----------------------------|-----------------------------|----------------------|-----------------------------|
| NOMINAL DIMS.                            |                       |                      |                      | 1/4" MAX. SHIMS             |                      |                             | 3/8" MAX. SHIMS             |                      |                             |
|                                          |                       |                      |                      | ANCHOR TYPES<br>'AW' & 'AC' | ANCHOR TYPES<br>'CM' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'CM' | ANCHOR TYPES<br>'BW' & 'BC' |
| FRAME HEIGHT<br>INCHES                   | DOOR HEIGHT<br>INCHES | WIDTH (W1)<br>INCHES | WIDTH (W2)<br>INCHES | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-)        |
| 108                                      | 84                    | 84                   | 30                   | 100.0                       | 100.0                | 100.0                       | 81.8                        | 75.9                 | 100.0                       |
|                                          |                       |                      | 36                   | 100.0                       | 100.0                | 100.0                       | 77.4                        | 71.8                 | 100.0                       |
|                                          |                       |                      | 42                   | 95.1                        | 100.0                | 100.0                       | 73.4                        | 68.1                 | 95.5                        |
|                                          |                       |                      | 48                   | 90.4                        | 100.0                | 100.0                       | 69.8                        | 64.8                 | 90.8                        |
|                                          |                       |                      | 54                   | 86.2                        | 100.0                | 100.0                       | 66.6                        | 61.8                 | 86.5                        |
|                                          |                       |                      | 60                   | 82.4                        | 100.0                | 100.0                       | 63.6                        | 59.0                 | 82.7                        |
|                                          |                       | 98-7/16              | 30                   | 94.4                        | 100.0                | 100.0                       | 72.9                        | 67.6                 | 94.8                        |
|                                          |                       |                      | 36                   | 89.8                        | 100.0                | 100.0                       | 69.4                        | 64.3                 | 90.2                        |
|                                          |                       |                      | 42                   | 85.7                        | 100.0                | 100.0                       | 66.1                        | 61.4                 | 86.0                        |
|                                          |                       |                      | 48                   | 81.9                        | 100.0                | 100.0                       | 63.2                        | 58.6                 | 82.2                        |
|                                          |                       |                      | 54                   | 78.4                        | 100.0                | 100.0                       | 60.5                        | 56.2                 | 78.7                        |
|                                          |                       |                      | 60                   | 75.2                        | 100.0                | 98.9                        | 58.1                        | 53.9                 | 75.5                        |
|                                          | 120                   | 84                   | 30                   | 98.5                        | 100.0                | 100.0                       | 76.0                        | 70.5                 | 98.8                        |
|                                          |                       |                      | 36                   | 93.0                        | 100.0                | 100.0                       | 71.8                        | 66.6                 | 93.3                        |
|                                          |                       |                      | 42                   | 88.0                        | 100.0                | 100.0                       | 68.0                        | 63.1                 | 88.4                        |
|                                          |                       |                      | 48                   | 83.6                        | 100.0                | 100.0                       | 64.6                        | 59.9                 | 83.9                        |
|                                          |                       |                      | 54                   | 79.6                        | 100.0                | 100.0                       | 61.5                        | 57.0                 | 79.9                        |
|                                          |                       |                      | 60                   | 76.0                        | 100.0                | 99.9                        | 58.7                        | 54.4                 | 76.3                        |
|                                          |                       | 98-7/16              | 30                   | 87.8                        | 100.0                | 100.0                       | 67.8                        | 62.9                 | 88.2                        |
|                                          |                       |                      | 36                   | 83.4                        | 100.0                | 100.0                       | 64.4                        | 59.8                 | 83.7                        |
|                                          |                       |                      | 42                   | 79.4                        | 100.0                | 100.0                       | 61.3                        | 56.9                 | 79.8                        |
|                                          |                       |                      | 48                   | 75.8                        | 100.0                | 99.7                        | 58.5                        | 54.3                 | 76.1                        |
|                                          |                       |                      | 54                   | 72.5                        | 100.0                | 95.4                        | 56.0                        | 51.9                 | 72.8                        |
|                                          |                       |                      | 60                   | 69.5                        | 100.0                | 91.4                        | 53.7                        | 49.8                 | 69.8                        |
| 108                                      | 96                    | 84                   | 30                   | 100.0                       | 100.0                | 100.0                       | 78.3                        | 72.7                 | 100.0                       |
|                                          |                       |                      | 36                   | 96.2                        | 100.0                | 100.0                       | 74.3                        | 68.9                 | 96.6                        |
|                                          |                       |                      | 42                   | 91.4                        | 100.0                | 100.0                       | 70.6                        | 65.5                 | 91.8                        |
|                                          |                       |                      | 48                   | 87.1                        | 100.0                | 100.0                       | 67.3                        | 62.4                 | 87.5                        |
|                                          |                       |                      | 54                   | 83.2                        | 100.0                | 100.0                       | 64.2                        | 59.6                 | 83.5                        |
|                                          |                       |                      | 60                   | 79.6                        | 100.0                | 100.0                       | 61.5                        | 57.0                 | 79.9                        |
|                                          |                       | 98-7/16              | 30                   | 90.2                        | 100.0                | 100.0                       | 69.7                        | 64.6                 | 90.6                        |
|                                          |                       |                      | 36                   | 86.0                        | 100.0                | 100.0                       | 66.4                        | 61.6                 | 86.3                        |
|                                          |                       |                      | 42                   | 82.2                        | 100.0                | 100.0                       | 63.5                        | 58.9                 | 82.5                        |
|                                          |                       |                      | 48                   | 78.7                        | 100.0                | 100.0                       | 60.8                        | 56.4                 | 79.0                        |
|                                          |                       |                      | 54                   | 75.5                        | 100.0                | 99.3                        | 58.3                        | 54.1                 | 75.8                        |
|                                          |                       |                      | 60                   | 72.5                        | 100.0                | 95.4                        | 56.0                        | 51.9                 | 72.8                        |
|                                          | 120                   | 84                   | 30                   | 94.5                        | 100.0                | 100.0                       | 73.0                        | 67.7                 | 94.9                        |
|                                          |                       |                      | 36                   | 89.5                        | 100.0                | 100.0                       | 69.1                        | 64.1                 | 89.8                        |
|                                          |                       |                      | 42                   | 84.9                        | 100.0                | 100.0                       | 65.6                        | 60.8                 | 85.2                        |
|                                          |                       |                      | 48                   | 80.8                        | 100.0                | 100.0                       | 62.4                        | 57.9                 | 81.1                        |
|                                          |                       |                      | 54                   | 77.0                        | 100.0                | 100.0                       | 59.5                        | 55.2                 | 77.3                        |
|                                          |                       |                      | 60                   | 73.6                        | 100.0                | 96.8                        | 56.8                        | 52.7                 | 73.9                        |
|                                          |                       | 98-7/16              | 30                   | 84.2                        | 100.0                | 100.0                       | 65.0                        | 60.3                 | 84.5                        |
|                                          |                       |                      | 36                   | 80.1                        | 100.0                | 100.0                       | 61.9                        | 57.4                 | 80.4                        |
|                                          |                       |                      | 42                   | 76.5                        | 100.0                | 100.0                       | 59.0                        | 54.8                 | 76.7                        |
|                                          |                       |                      | 48                   | 73.1                        | 100.0                | 96.1                        | 56.4                        | 52.4                 | 73.4                        |
|                                          |                       |                      | 54                   | 70.0                        | 100.0                | 92.1                        | 54.1                        | 50.2                 | 70.3                        |
|                                          |                       |                      | 60                   | 67.2                        | 99.0                 | 88.4                        | 51.9                        | 48.1                 | 67.4                        |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



STD. DOOR MULLION WITH REINF.  
(LEVEL 'D' & 'E' IMPACT)

|                                 | Ix IN^4 | Sx IN^3 |
|---------------------------------|---------|---------|
| ALUMINUM                        | 6.063   | 2.695   |
| STEEL                           | 2.343   | 1.209   |
| TOTAL<br>Ix ALUM + Ix STL X 2.9 | 12.790  |         |



DOOR MULLION

Sealed: 8/6/2026

FL #19973

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

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)

**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

| no | date | by | description |
|----|------|----|-------------|
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |

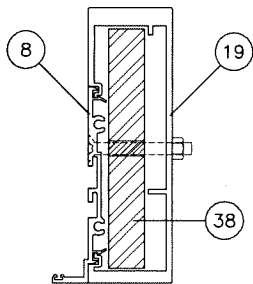
date: 06-10-21  
scale: -  
dr. by: TARIQ  
chk. by:  

drawing no.  
**21-51F**  
sheet 18 of 27

| H.D. DOOR MULLION LOAD CAPACITY - PSF |                       |                      |                      |                      |
|---------------------------------------|-----------------------|----------------------|----------------------|----------------------|
| NOMINAL DIMS.                         |                       |                      |                      | WITH REINF.          |
| FRAME HEIGHT<br>INCHES                | DOOR HEIGHT<br>INCHES | WIDTH (W1)<br>INCHES | WIDTH (W2)<br>INCHES | EXT. (+)<br>INT. (-) |
| 144                                   | 84                    | 84                   | 30                   | 100.0                |
|                                       |                       |                      | 36                   | 95.0                 |
|                                       |                       |                      | 42                   | 90.5                 |
|                                       |                       |                      | 48                   | 86.3                 |
|                                       |                       |                      | 54                   | 82.5                 |
|                                       |                       |                      | 60                   | 79.1                 |
|                                       |                       | 92                   | 30                   | 93.5                 |
|                                       |                       |                      | 36                   | 89.1                 |
|                                       |                       |                      | 42                   | 85.1                 |
|                                       |                       |                      | 48                   | 81.4                 |
|                                       |                       |                      | 54                   | 78.0                 |
|                                       |                       |                      | 60                   | 74.9                 |
|                                       |                       | 98-7/16              | 30                   | 88.9                 |
|                                       |                       |                      | 36                   | 84.9                 |
|                                       |                       |                      | 42                   | 81.2                 |
|                                       |                       |                      | 48                   | 77.8                 |
|                                       |                       |                      | 54                   | 74.7                 |
|                                       |                       |                      | 60                   | 71.9                 |
|                                       | 96                    | 84                   | 30                   | 100.0                |
|                                       |                       |                      | 36                   | 97.9                 |
|                                       |                       |                      | 42                   | 93.1                 |
|                                       |                       |                      | 48                   | 88.7                 |
|                                       |                       |                      | 54                   | 84.7                 |
|                                       |                       |                      | 60                   | 81.0                 |
|                                       |                       | 92                   | 30                   | 96.6                 |
|                                       |                       |                      | 36                   | 91.9                 |
|                                       |                       |                      | 42                   | 87.6                 |
|                                       |                       |                      | 48                   | 83.7                 |
|                                       |                       |                      | 54                   | 80.1                 |
|                                       |                       |                      | 60                   | 76.9                 |
|                                       |                       | 98-7/16              | 30                   | 91.8                 |
|                                       |                       |                      | 36                   | 87.6                 |
|                                       |                       |                      | 42                   | 83.7                 |
|                                       |                       |                      | 48                   | 80.1                 |
|                                       |                       |                      | 54                   | 76.8                 |
|                                       |                       |                      | 60                   | 73.8                 |
|                                       | 108                   | 84                   | 30                   | 100.0                |
|                                       |                       |                      | 36                   | 100.0                |
|                                       |                       |                      | 42                   | 97.8                 |
|                                       |                       |                      | 48                   | 92.9                 |
|                                       |                       |                      | 54                   | 88.6                 |
|                                       |                       |                      | 60                   | 84.6                 |
|                                       |                       | 92                   | 30                   | 100.0                |
|                                       |                       |                      | 36                   | 96.9                 |
|                                       |                       |                      | 42                   | 92.2                 |
|                                       |                       |                      | 48                   | 87.9                 |
|                                       |                       |                      | 54                   | 84.0                 |
|                                       |                       |                      | 60                   | 80.4                 |
|                                       |                       | 98-7/16              | 30                   | 97.2                 |
|                                       |                       |                      | 36                   | 92.5                 |
|                                       |                       |                      | 42                   | 88.1                 |
|                                       |                       |                      | 48                   | 84.2                 |
|                                       |                       |                      | 54                   | 80.6                 |
|                                       |                       |                      | 60                   | 77.3                 |

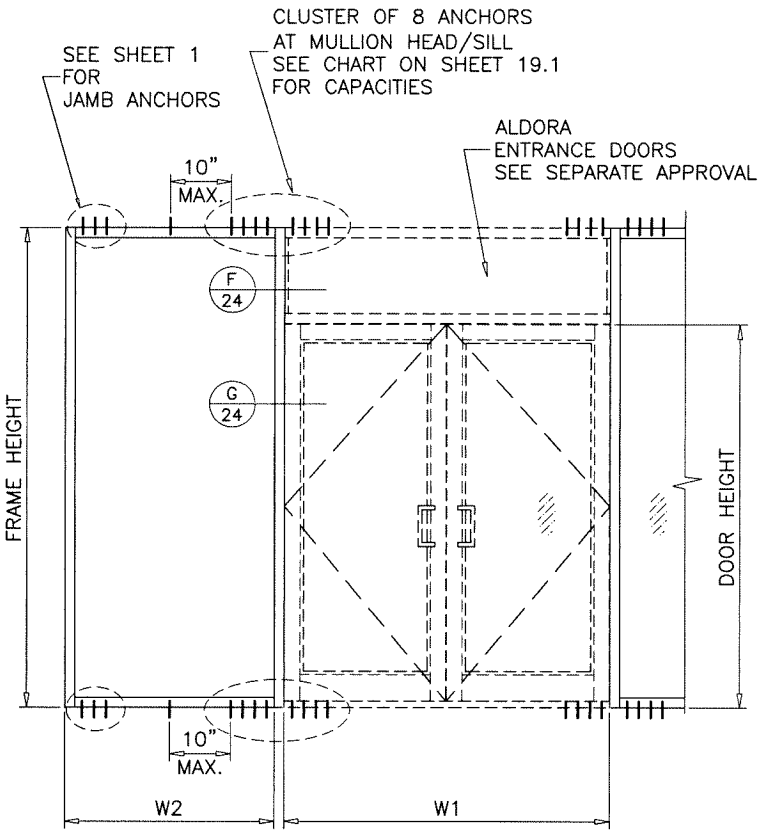
| H.D. DOOR MULLION LOAD CAPACITY - PSF |                       |                      |                      |                      |
|---------------------------------------|-----------------------|----------------------|----------------------|----------------------|
| NOMINAL DIMS.                         |                       |                      |                      | WITH REINF.          |
| FRAME HEIGHT<br>INCHES                | DOOR HEIGHT<br>INCHES | WIDTH (W1)<br>INCHES | WIDTH (W2)<br>INCHES | EXT. (+)<br>INT. (-) |
| 144                                   | 118-1/4               | 84                   | 30                   | 100.0                |
|                                       |                       |                      | 36                   | 100.0                |
|                                       |                       |                      | 42                   | 100.0                |
|                                       |                       |                      | 48                   | 98.5                 |
|                                       |                       |                      | 54                   | 93.6                 |
|                                       |                       |                      | 60                   | 89.1                 |
|                                       | 92                    | 92                   | 30                   | 100.0                |
|                                       |                       |                      | 36                   | 100.0                |
|                                       |                       |                      | 42                   | 98.2                 |
|                                       |                       |                      | 48                   | 93.3                 |
|                                       |                       |                      | 54                   | 88.9                 |
|                                       |                       |                      | 60                   | 84.9                 |
|                                       | 98-7/16               | 98-7/16              | 30                   | 100.0                |
|                                       |                       |                      | 36                   | 98.9                 |
|                                       |                       |                      | 42                   | 94.0                 |
|                                       |                       |                      | 48                   | 89.5                 |
|                                       |                       |                      | 54                   | 85.5                 |
|                                       |                       |                      | 60                   | 81.8                 |

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



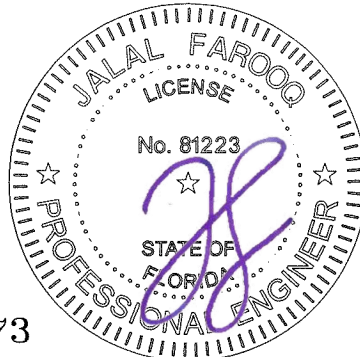
H.D. DOOR MULLION WITH REINF.  
(LEVEL 'D' & 'E' IMPACT)

|                                 | Ix IN <sup>4</sup> | Sx IN <sup>3</sup> |
|---------------------------------|--------------------|--------------------|
| ALUMINUM                        | 11.342             | 3.497              |
| STEEL                           | 7.8125             | 3.125              |
| TOTAL<br>Ix ALUM + Ix STL X 2.9 | 33.7739            |                    |



Sealed: 8/6/2026

DOOR MULLION



FL #19973

**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 FRONT SET ALUM WINDOW WALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |

|                |          |               |          |
|----------------|----------|---------------|----------|
| date: 06-10-21 | scale: - | dr. by: TARIQ | chk. by: |
|----------------|----------|---------------|----------|

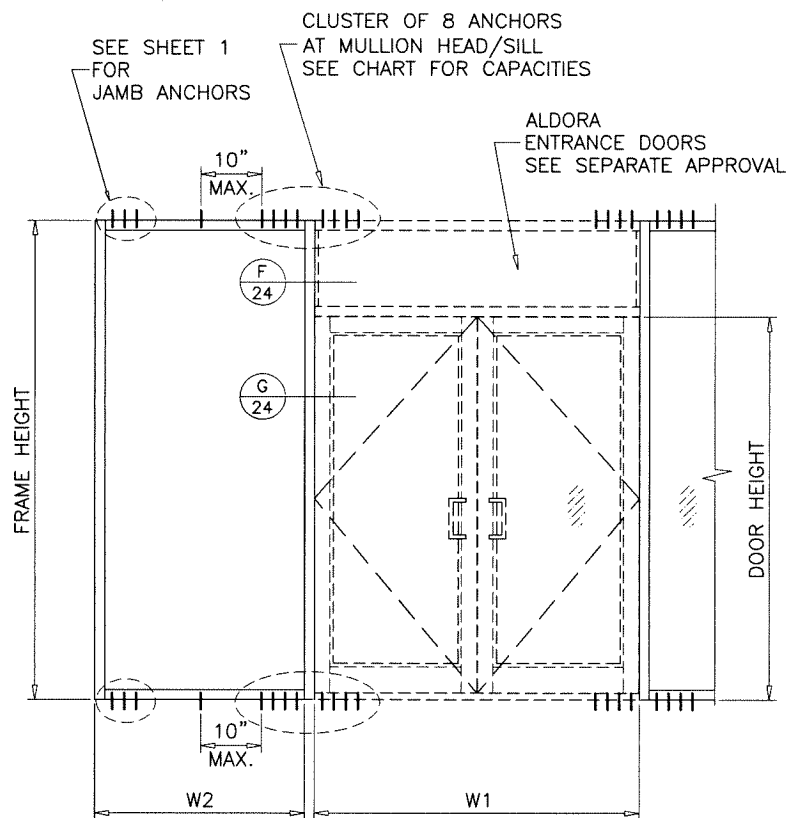
|             |          |
|-------------|----------|
| drawing no. | 21-51F   |
| sheet       | 19 of 27 |

COMP-ANL\21-51FAGP

| DOOR MULLION ANCHORS LOAD CAPACITY - PSF |                       |                      |                      |                             |                      |                             |                             |                      |                             |
|------------------------------------------|-----------------------|----------------------|----------------------|-----------------------------|----------------------|-----------------------------|-----------------------------|----------------------|-----------------------------|
| NOMINAL DIMS.                            |                       |                      |                      | 1/4" MAX. SHIMS             |                      |                             | 3/8" MAX. SHIMS             |                      |                             |
|                                          |                       |                      |                      | ANCHOR TYPES<br>'AW' & 'AC' | ANCHOR TYPES<br>'CM' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'CM' | ANCHOR TYPES<br>'BW' & 'BC' |
| FRAME HEIGHT<br>INCHES                   | DOOR HEIGHT<br>INCHES | WIDTH (W1)<br>INCHES | WIDTH (W2)<br>INCHES | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-)        |
| 144                                      | 84                    | 84                   | 30                   | 86.2                        | 100.0                | 100.0                       | 66.6                        | 61.8                 | 86.5                        |
|                                          |                       |                      | 36                   | 81.2                        | 100.0                | 100.0                       | 62.7                        | 58.1                 | 81.5                        |
|                                          |                       |                      | 42                   | 76.7                        | 100.0                | 100.0                       | 59.2                        | 54.9                 | 77.0                        |
|                                          |                       |                      | 48                   | 72.7                        | 100.0                | 95.6                        | 56.1                        | 52.1                 | 72.9                        |
|                                          |                       |                      | 54                   | 69.0                        | 100.0                | 90.8                        | 53.3                        | 49.5                 | 69.3                        |
|                                          |                       |                      | 60                   | 65.8                        | 96.9                 | 86.5                        | 50.8                        | 47.1                 | 66.0                        |
|                                          |                       | 92                   | 30                   | 80.9                        | 100.0                | 100.0                       | 62.5                        | 58.0                 | 81.2                        |
|                                          |                       |                      | 36                   | 76.4                        | 100.0                | 100.0                       | 59.0                        | 54.8                 | 76.7                        |
|                                          |                       |                      | 42                   | 72.5                        | 100.0                | 95.3                        | 55.9                        | 51.9                 | 72.7                        |
|                                          |                       |                      | 48                   | 68.9                        | 100.0                | 90.6                        | 53.2                        | 49.3                 | 69.1                        |
|                                          |                       |                      | 54                   | 65.6                        | 96.6                 | 86.3                        | 50.6                        | 47.0                 | 65.9                        |
|                                          |                       |                      | 60                   | 62.6                        | 92.3                 | 82.4                        | 48.4                        | 44.9                 | 62.9                        |
|                                          |                       | 98-7/16              | 30                   | 77.1                        | 100.0                | 100.0                       | 59.5                        | 55.2                 | 77.4                        |
|                                          |                       |                      | 36                   | 73.0                        | 100.0                | 96.1                        | 56.4                        | 52.3                 | 73.3                        |
|                                          |                       |                      | 42                   | 69.4                        | 100.0                | 91.3                        | 53.6                        | 49.7                 | 69.6                        |
|                                          |                       |                      | 48                   | 66.1                        | 97.3                 | 86.9                        | 51.0                        | 47.3                 | 66.3                        |
|                                          |                       |                      | 54                   | 63.1                        | 92.9                 | 83.0                        | 48.7                        | 45.2                 | 63.3                        |
|                                          |                       |                      | 60                   | 60.3                        | 88.9                 | 79.3                        | 46.6                        | 43.2                 | 60.6                        |
|                                          | 96                    | 84                   | 30                   | 83.2                        | 100.0                | 100.0                       | 64.2                        | 59.6                 | 83.5                        |
|                                          |                       |                      | 36                   | 78.5                        | 100.0                | 100.0                       | 60.6                        | 56.2                 | 78.8                        |
|                                          |                       |                      | 42                   | 74.3                        | 100.0                | 97.7                        | 57.4                        | 53.2                 | 74.6                        |
|                                          |                       |                      | 48                   | 70.5                        | 100.0                | 92.7                        | 54.4                        | 50.5                 | 70.8                        |
|                                          |                       |                      | 54                   | 67.1                        | 98.8                 | 88.3                        | 51.8                        | 48.1                 | 67.4                        |
|                                          |                       |                      | 60                   | 64.0                        | 94.3                 | 84.2                        | 49.4                        | 45.8                 | 64.2                        |
|                                          |                       | 92                   | 30                   | 78.0                        | 100.0                | 100.0                       | 60.2                        | 55.9                 | 78.3                        |
|                                          |                       |                      | 36                   | 73.8                        | 100.0                | 97.1                        | 57.0                        | 52.9                 | 74.1                        |
|                                          |                       |                      | 42                   | 70.1                        | 100.0                | 92.2                        | 54.1                        | 50.2                 | 70.4                        |
|                                          |                       |                      | 48                   | 66.7                        | 98.3                 | 87.8                        | 51.5                        | 47.8                 | 67.0                        |
|                                          |                       |                      | 54                   | 63.7                        | 93.8                 | 83.8                        | 49.2                        | 45.6                 | 63.9                        |
|                                          |                       |                      | 60                   | 60.9                        | 89.7                 | 80.1                        | 47.0                        | 43.6                 | 61.1                        |
|                                          |                       | 98-7/16              | 30                   | 74.3                        | 100.0                | 97.7                        | 57.3                        | 53.2                 | 74.6                        |
|                                          |                       |                      | 36                   | 70.5                        | 100.0                | 92.7                        | 54.4                        | 50.5                 | 70.8                        |
|                                          |                       |                      | 42                   | 67.1                        | 98.8                 | 88.2                        | 51.8                        | 48.1                 | 67.3                        |
|                                          |                       |                      | 48                   | 64.0                        | 94.3                 | 84.2                        | 49.4                        | 45.8                 | 64.2                        |
|                                          |                       |                      | 54                   | 61.2                        | 90.1                 | 80.5                        | 47.2                        | 43.8                 | 61.4                        |
|                                          |                       |                      | 60                   | 58.6                        | 86.3                 | 77.1                        | 45.2                        | 42.0                 | 58.8                        |
|                                          | 108                   | 84                   | 30                   | 80.4                        | 100.0                | 100.0                       | 62.1                        | 57.6                 | 80.7                        |
|                                          |                       |                      | 36                   | 76.0                        | 100.0                | 99.9                        | 58.7                        | 54.4                 | 76.3                        |
|                                          |                       |                      | 42                   | 72.0                        | 100.0                | 94.8                        | 55.6                        | 51.6                 | 72.3                        |
|                                          |                       |                      | 48                   | 68.5                        | 100.0                | 90.1                        | 52.9                        | 49.1                 | 68.7                        |
|                                          |                       |                      | 54                   | 65.3                        | 96.1                 | 85.8                        | 50.4                        | 46.7                 | 65.5                        |
|                                          |                       |                      | 60                   | 62.3                        | 91.8                 | 82.0                        | 48.1                        | 44.6                 | 62.6                        |
|                                          |                       | 92                   | 30                   | 75.3                        | 100.0                | 99.0                        | 58.1                        | 53.9                 | 75.6                        |
|                                          |                       |                      | 36                   | 71.4                        | 100.0                | 93.9                        | 55.1                        | 51.2                 | 71.7                        |
|                                          |                       |                      | 42                   | 67.9                        | 100.0                | 89.3                        | 52.4                        | 48.7                 | 68.2                        |
|                                          |                       |                      | 48                   | 64.7                        | 95.4                 | 85.2                        | 50.0                        | 46.4                 | 65.0                        |
|                                          |                       |                      | 54                   | 61.9                        | 91.1                 | 81.4                        | 47.8                        | 44.3                 | 62.1                        |
|                                          |                       |                      | 60                   | 59.2                        | 87.2                 | 77.9                        | 45.7                        | 42.4                 | 59.4                        |
|                                          |                       | 98-7/16              | 30                   | 71.6                        | 100.0                | 94.2                        | 55.3                        | 51.3                 | 71.9                        |
|                                          |                       |                      | 36                   | 68.1                        | 100.0                | 89.6                        | 52.6                        | 48.8                 | 68.4                        |
|                                          |                       |                      | 42                   | 64.9                        | 95.7                 | 85.4                        | 50.1                        | 46.5                 | 65.2                        |
|                                          |                       |                      | 48                   | 62.0                        | 91.4                 | 81.6                        | 47.9                        | 44.4                 | 62.3                        |
|                                          |                       |                      | 54                   | 59.4                        | 87.5                 | 78.1                        | 45.8                        | 42.5                 | 59.6                        |
|                                          |                       |                      | 60                   | 56.9                        | 83.9                 | 74.9                        | 44.0                        | 40.8                 | 57.2                        |

| DOOR MULLION ANCHORS LOAD CAPACITY - PSF |                       |                      |                      |                             |                      |                             |                             |                      |                             |
|------------------------------------------|-----------------------|----------------------|----------------------|-----------------------------|----------------------|-----------------------------|-----------------------------|----------------------|-----------------------------|
| NOMINAL DIMS.                            |                       |                      |                      | 1/4" MAX. SHIMS             |                      |                             | 3/8" MAX. SHIMS             |                      |                             |
|                                          |                       |                      |                      | ANCHOR TYPES<br>'AW' & 'AC' | ANCHOR TYPES<br>'CM' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'BW' & 'BC' | ANCHOR TYPES<br>'CM' | ANCHOR TYPES<br>'BW' & 'BC' |
| FRAME HEIGHT<br>INCHES                   | DOOR HEIGHT<br>INCHES | WIDTH (W1)<br>INCHES | WIDTH (W2)<br>INCHES | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-)        | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-)        |
| 144                                      | 118-1/4               | 84                   | 30                   | 78.1                        | 100.0                | 100.0                       | 60.3                        | 56.0                 | 78.4                        |
|                                          |                       |                      | 36                   | 74.0                        | 100.0                | 97.3                        | 57.1                        | 53.0                 | 74.2                        |
|                                          |                       |                      | 42                   | 70.2                        | 100.0                | 92.4                        | 54.2                        | 50.3                 | 70.5                        |
|                                          |                       |                      | 48                   | 66.8                        | 98.5                 | 87.9                        | 51.6                        | 47.9                 | 67.1                        |
|                                          |                       |                      | 54                   | 63.8                        | 93.9                 | 83.9                        | 49.2                        | 45.7                 | 64.0                        |
|                                          |                       |                      | 60                   | 61.0                        | 89.8                 | 80.2                        | 47.1                        | 43.7                 | 61.2                        |
|                                          |                       | 92                   | 30                   | 73.1                        | 100.0                | 96.2                        | 56.5                        | 52.4                 | 73.4                        |
|                                          |                       |                      | 36                   | 69.5                        | 100.0                | 91.4                        | 53.6                        | 49.8                 | 69.7                        |
|                                          |                       |                      | 42                   | 66.2                        | 97.4                 | 87.0                        | 51.1                        | 47.4                 | 66.4                        |
|                                          |                       |                      | 48                   | 63.1                        | 93.0                 | 83.1                        | 48.8                        | 45.2                 | 63.4                        |
|                                          |                       |                      | 54                   | 60.4                        | 89.0                 | 79.4                        | 46.6                        | 43.3                 | 60.6                        |
|                                          |                       |                      | 60                   | 57.9                        | 85.2                 | 76.1                        | 44.7                        | 41.5                 | 58.1                        |
|                                          |                       | 98-7/16              | 30                   | 69.5                        | 100.0                | 91.5                        | 53.7                        | 49.8                 | 69.8                        |
|                                          |                       |                      | 36                   | 66.2                        | 97.6                 | 87.1                        | 51.1                        | 47.4                 | 66.5                        |
|                                          |                       |                      | 42                   | 63.2                        | 93.1                 | 83.1                        | 48.8                        | 45.3                 | 63.4                        |
|                                          |                       |                      | 48                   | 60.4                        | 89.0                 | 79.5                        | 46.7                        | 43.3                 | 60.7                        |
|                                          |                       |                      | 54                   | 57.9                        | 85.3                 | 76.2                        | 44.7                        | 41.5                 | 58.1                        |
|                                          |                       |                      | 60                   | 55.6                        | 81.9                 | 73.1                        | 42.9                        | 39.8                 | 55.8                        |

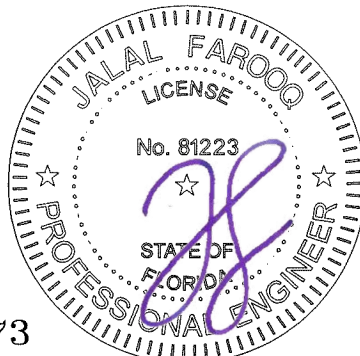
INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



DOOR MULLION

Sealed: 8/6/2026

FL #19973



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

SERIES FRONT SET ALUM WINDOW WALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

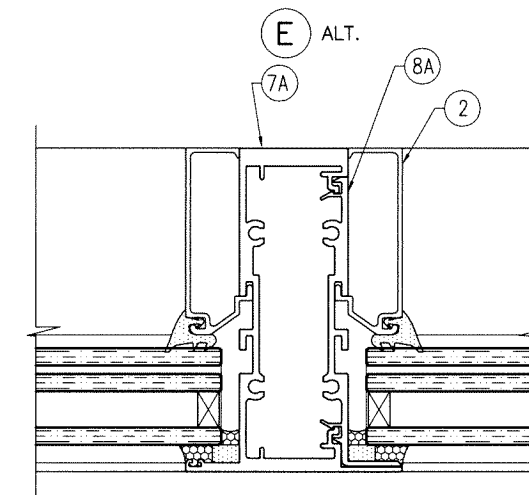
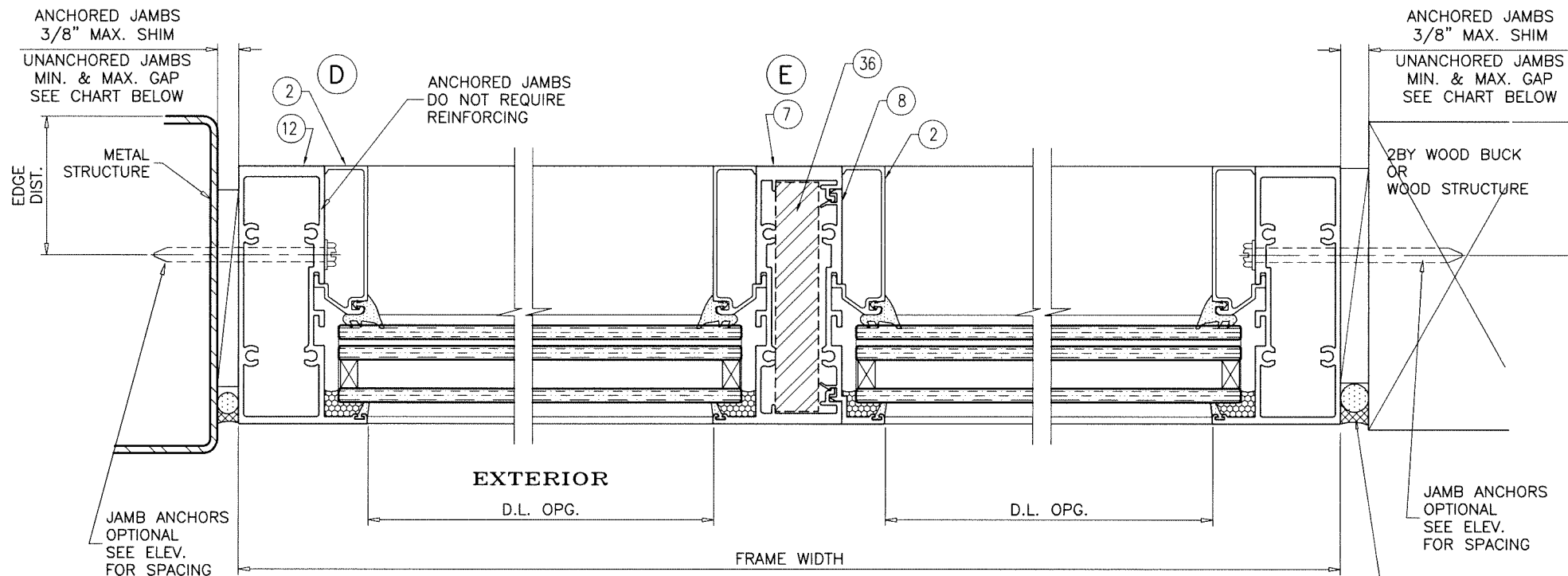
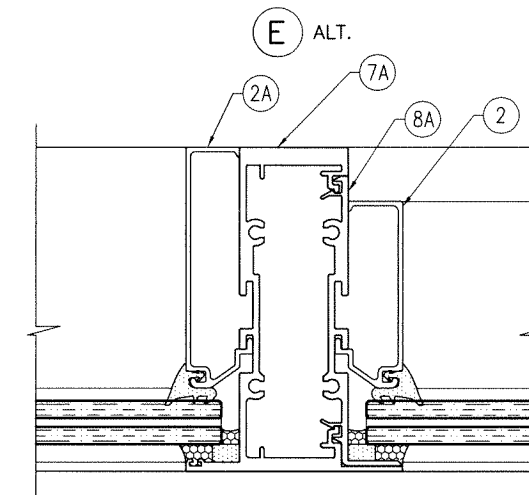
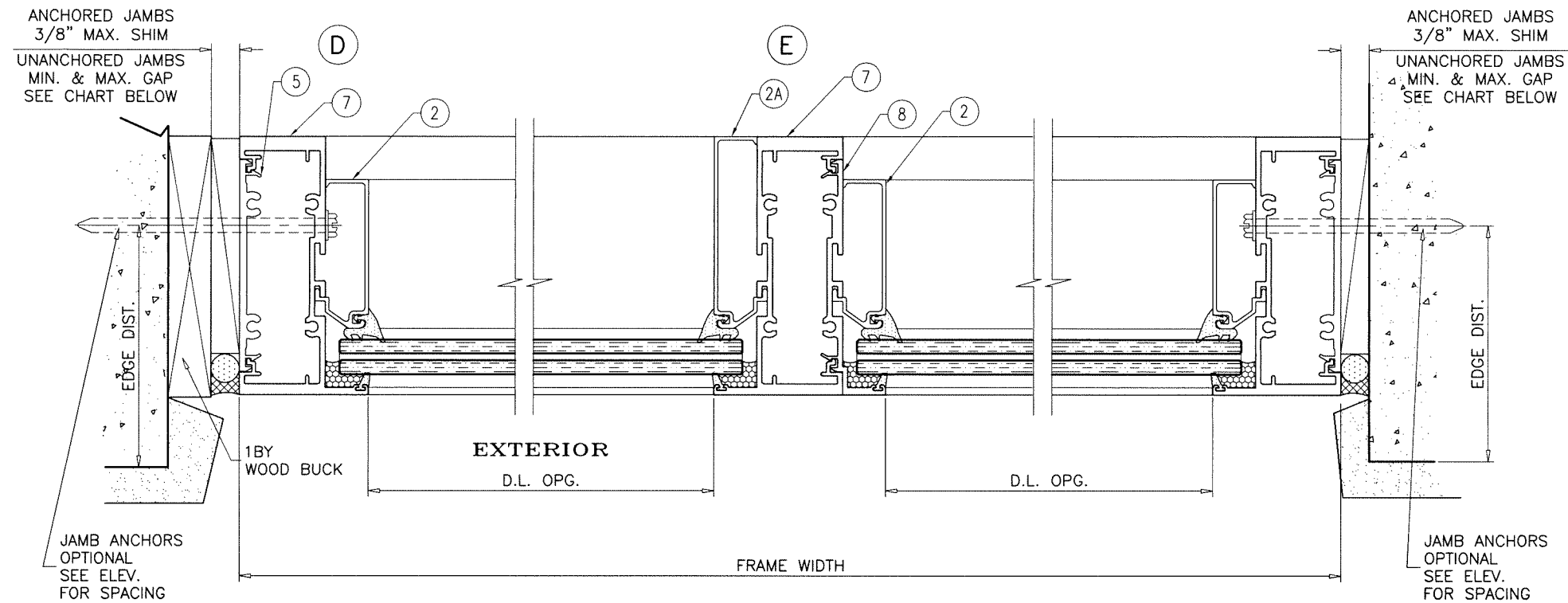
| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |

date: 06-10-21  
scale: -  
dr. by: TARIQ  
chk. by:

drawing no.  
**21-51F**  
sheet 19.1 of 27

COMP-ANL\21-51FAGP





| MAX. FRAME HEIGHT | MAX. GAPS FOR UNANCHORED JAMBS        |      |                               |      |
|-------------------|---------------------------------------|------|-------------------------------|------|
|                   | MULLION M1, M3<br>JAMB J1, J2, J3, J5 |      | MULLION M2, M4<br>JAMB J2, J4 |      |
|                   | MIN.                                  | MAX. | MIN.                          | MAX. |
| 84"               | 1/4"                                  | 1"   | 1/4"                          | 1"   |
| 96"               | 1/4"                                  | 1"   | 1/4"                          | 1"   |
| 108"              | 1/4"                                  | 1"   | 3/8"                          | 1"   |
| 120"              | 1/4"                                  | 1"   | 3/8"                          | 1"   |
| 132"              | —                                     | —    | 3/8"                          | 1"   |
| 144"              | —                                     | —    | 3/8"                          | 1"   |

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.

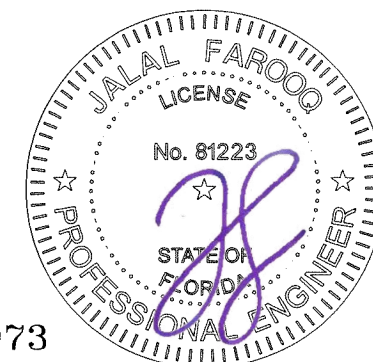
ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.

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.

REFER TO SHEETS 4 THRU 7 FOR SELECTION OF MULLION/JAMB WITH REINFORCED & UNREINFORCED FRAMES.

Sealed: 8/6/2026

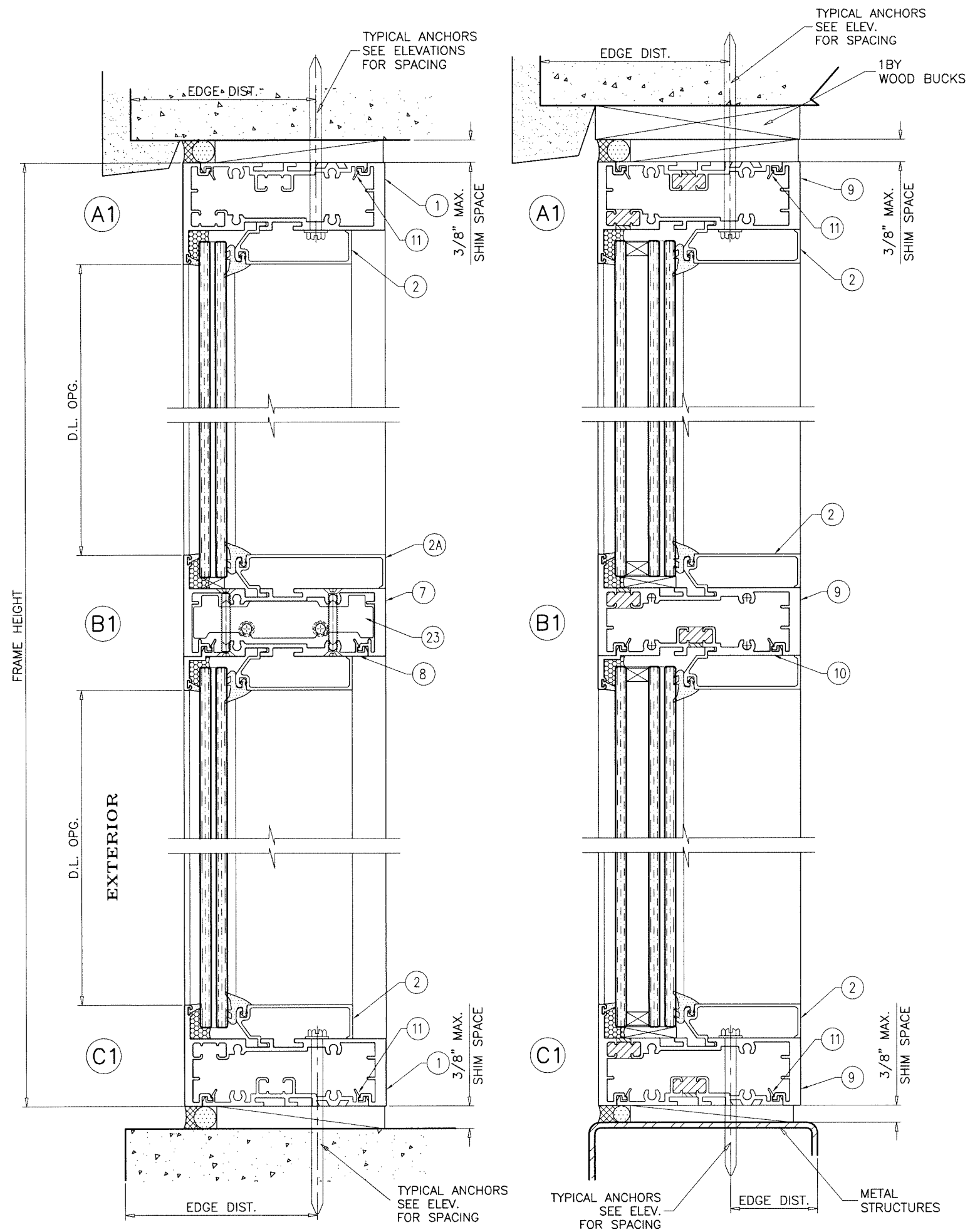
FL #19973



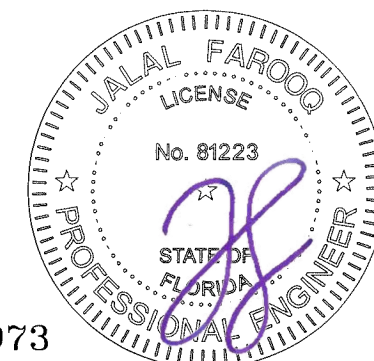
**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\21-51FAGP

SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

|                |                |
|----------------|----------------|
| revisions:     |                |
| no             | by description |
| date           |                |
| date           | 06-10-21       |
| scale:         | 3/8" = 1"      |
| dr. by:        | TARIQ          |
| chk. by:       |                |
| drawing no.    |                |
| 21-51F         |                |
| sheet 21 of 27 |                |

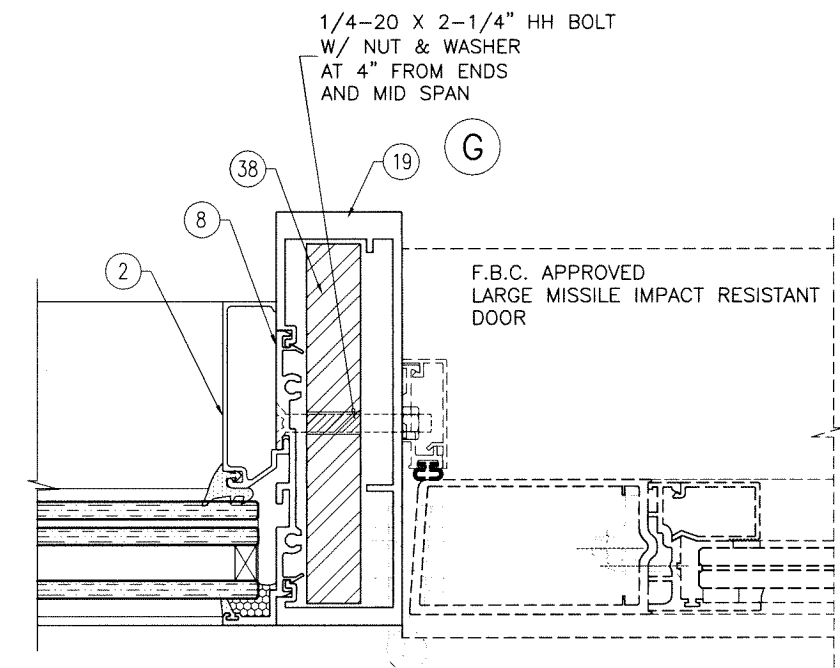
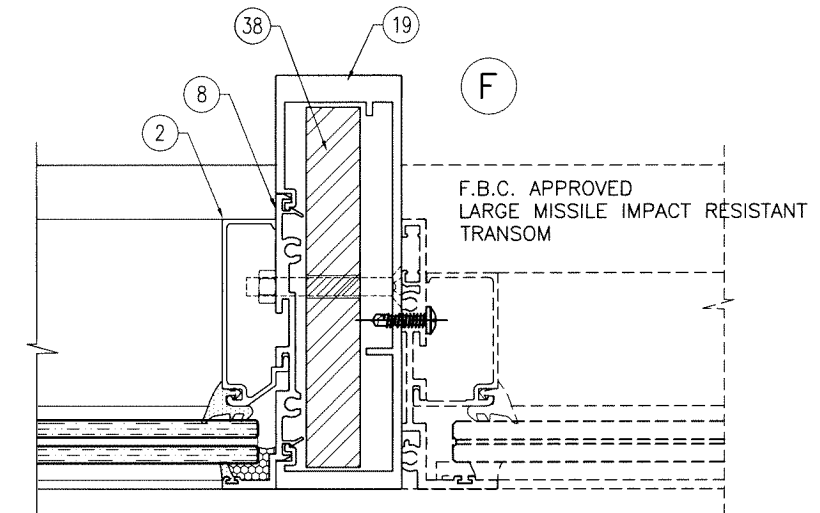


Sealed: 8/6/2026

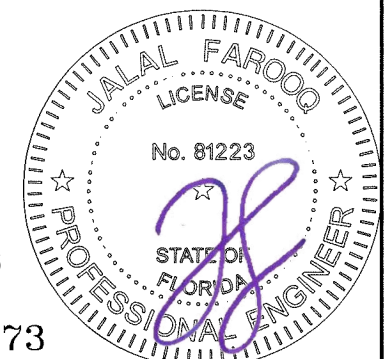




LOWER VALUES FROM DOORS APPROVAL  
OR STOREFRONT SYSTEM CAPACITY CHARTS  
WILL APPLY TO ENTIRE SYSTEM.



FL #19973



**SERIES FRONT SET ALUM WINDOWALL SYS. (L.M.I.)**

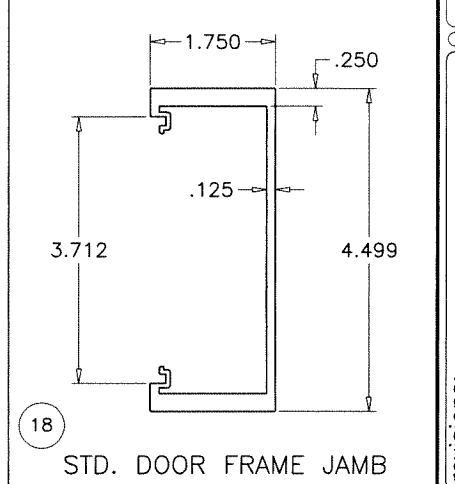
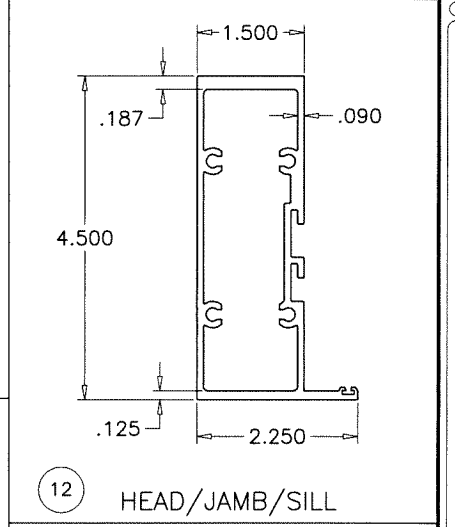
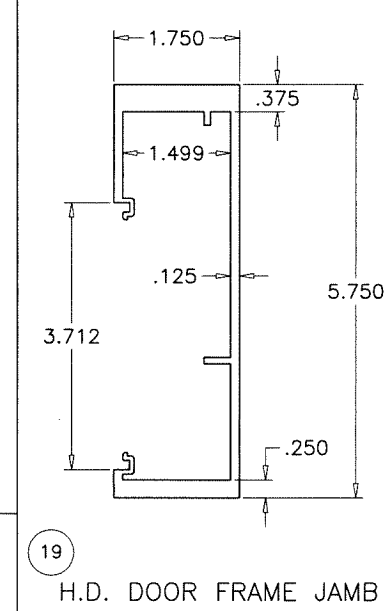
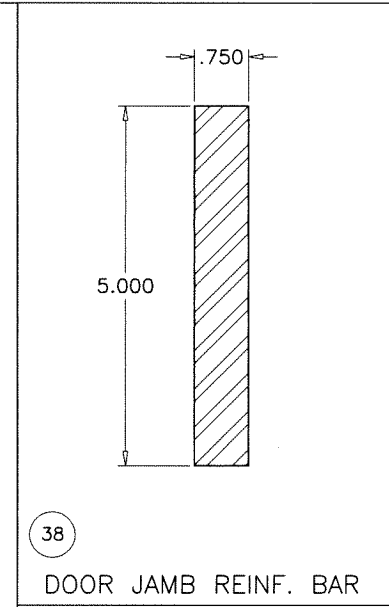
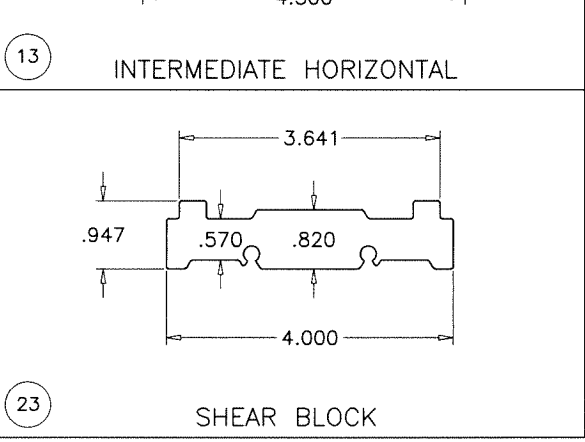
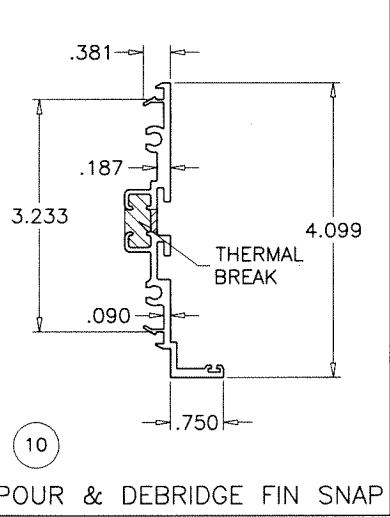
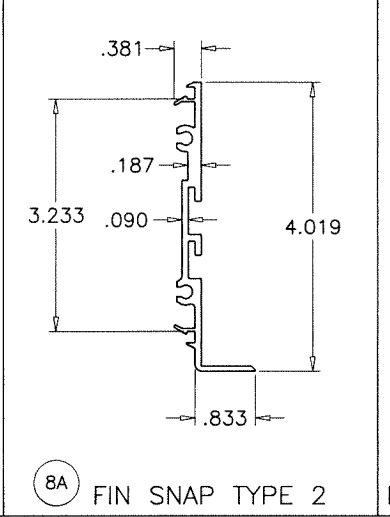
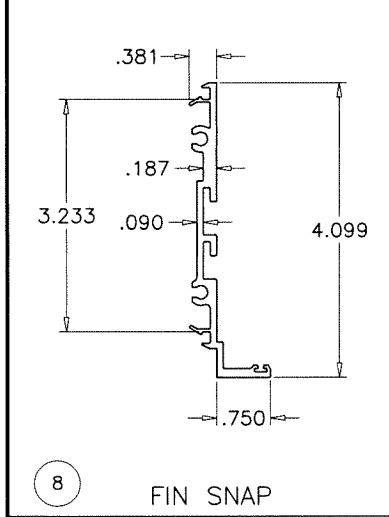
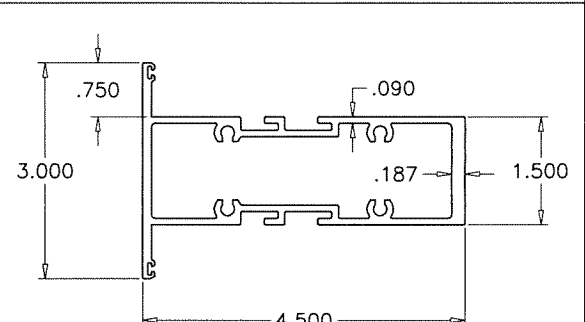
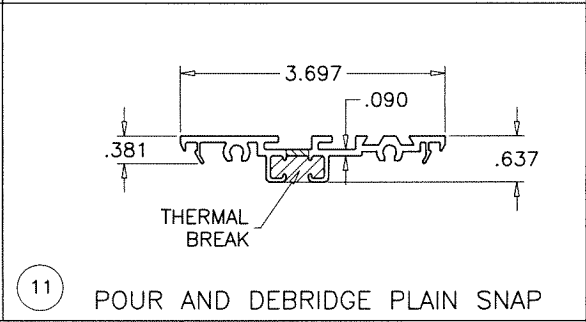
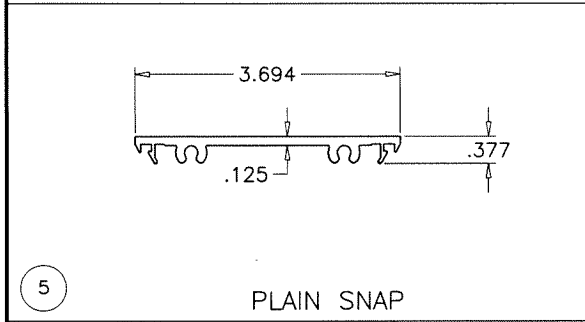
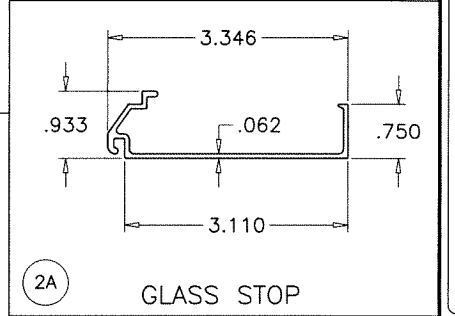
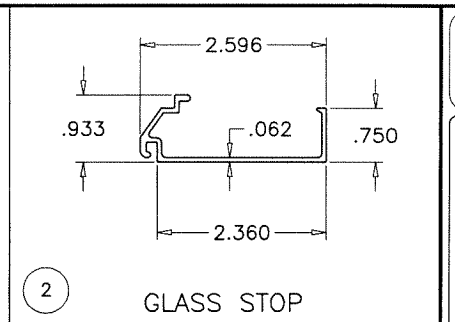
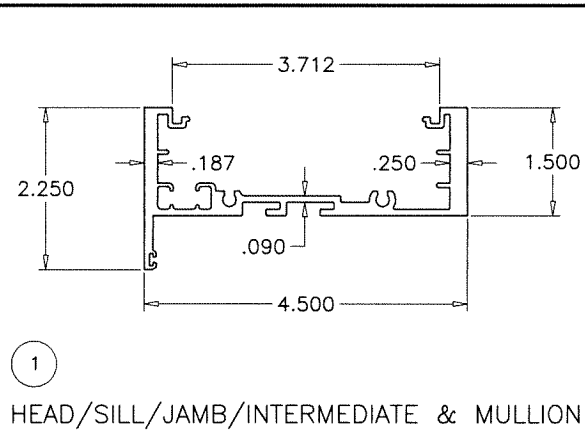
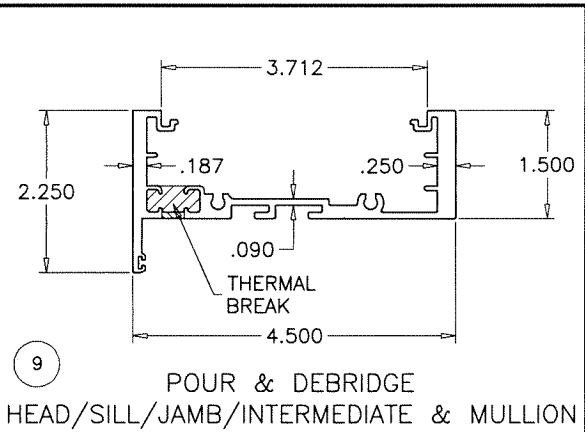
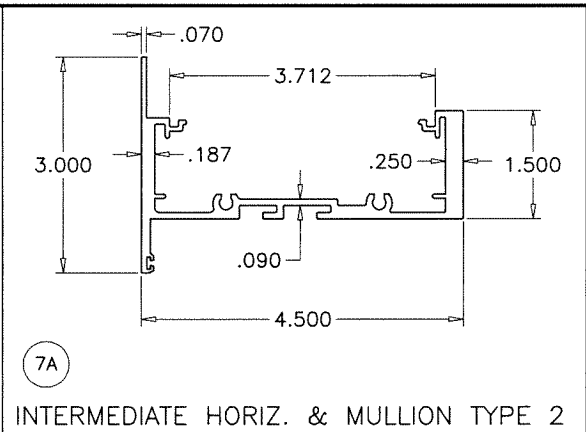
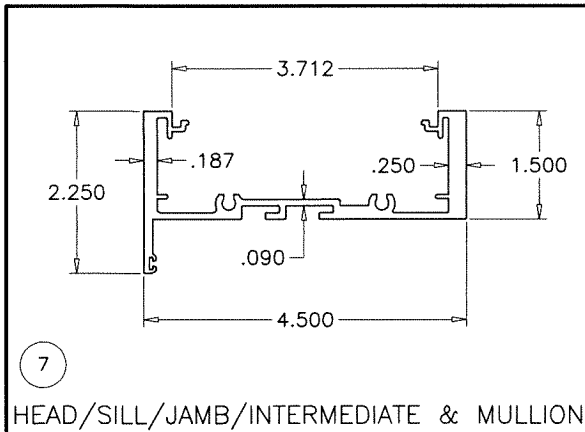
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

|          |               |  |  |  |  |
|----------|---------------|--|--|--|--|
| date:    | 06-10-21      |  |  |  |  |
|          |               |  |  |  |  |
| scale:   | $3/8'' = 1''$ |  |  |  |  |
| dr. by:  | TARIQ         |  |  |  |  |
| chk. by: |               |  |  |  |  |

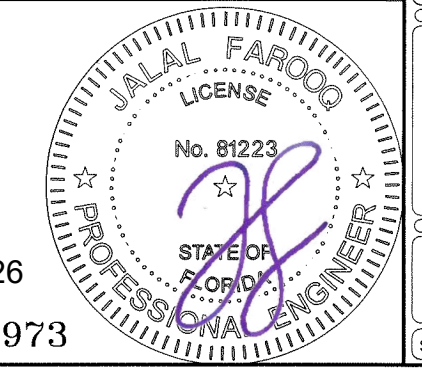
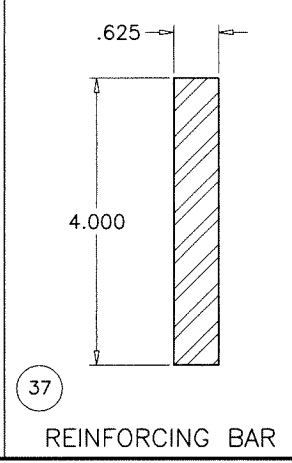
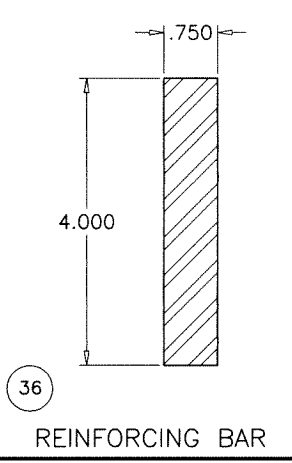
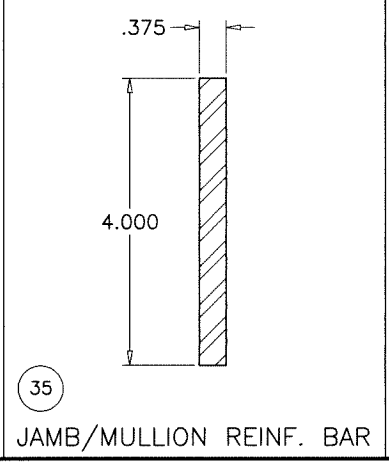
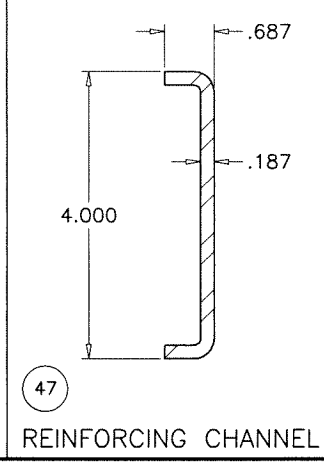
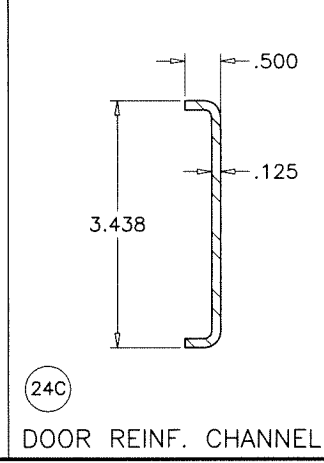
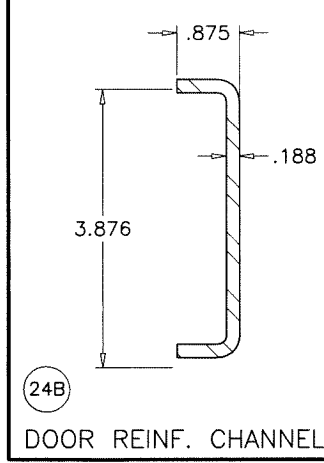
  

| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |
|            |    |      |    |             |

|             |                        |
|-------------|------------------------|
| drawing no. | <b>21-51F</b>          |
| sheet       | <b>24</b> of <b>27</b> |



THERMAL BREAK:  
FRAME MEMBERS FILLED AND DEBRIDGED USING  
'AZON SU312-19T' STRUCTURAL THERMAL BARRIER POLYMER  
MANUFACTURED BY 'AZON USA INC.'.



Sealed: 8/6/2026  
FL #19973

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

COMP-ANL\21-51FAGP

SERIES FRONT SET ALUM WINDOW WALL SYS. (L.M.I.)

**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

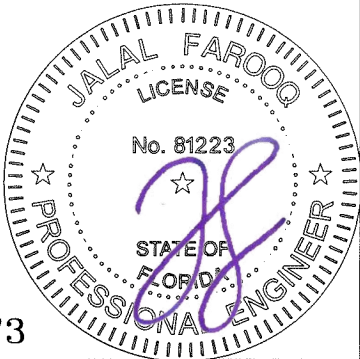
| no | date | by | description |
|----|------|----|-------------|
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |
|    |      |    |             |

date: 06-10-21  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:

drawing no.  
**21-51F**  
sheet 25 of 27

| ITEM # | PART #              | REQ'D     | DESCRIPTION                                                 | MATERIAL   | MANF. / SUPPLIER / REMARKS         |
|--------|---------------------|-----------|-------------------------------------------------------------|------------|------------------------------------|
| 1      | SMI-311             | AS REQ'D  | HEAD, INTERM., SILL, JAMB AND MULLION- HEAVY.               | 6063-T6    | -                                  |
| 2      | SMI-312             | AS REQ'D  | GLASS STOP                                                  | 6063-T6    | -                                  |
| 2A     | SMI-314             | AS REQ'D  | GLASS STOP (LARGER)                                         | 6063-T6    | -                                  |
| 3      | SMI-313             | AS REQ'D  | FIN SNAP                                                    | 6063-T6    | -                                  |
| 4      | SMI-094             | AS REQ'D  | PLAIN SNAP                                                  | 6063-T6    | -                                  |
| 5      | SMI-004             | AS REQ'D  | PLAIN SNAP                                                  | 6063-T6    | -                                  |
| 7      | SMI-316             | AS REQ'D  | HEAD, INTERM., SILL, JAMB & MULLION- HEAVY                  | 6063-T6    | -                                  |
| 7A     | SMI-321             | AS REQ'D  | INTERMEDIATE HORIZONTAL & MULLION- TYPE 2                   | 6063-T6    | -                                  |
| 8      | SMI-317             | AS REQ'D  | FIN SNAP                                                    | 6063-T6    | -                                  |
| 8A     | SMI-322             | AS REQ'D  | FIN SNAP TYPE 2                                             | 6063-T6    | -                                  |
| 9      | SMI-311T            | AS REQ'D  | POUR & DEBRIDGE HEAD, INTERM., SILL, JAMB & MULLION- HEAVY. | 6063-T6    | -                                  |
| 10     | SMI-313T            | AS REQ'D  | POUR & DEBRIDGE FIN SNAP                                    | 6063-T6    | -                                  |
| 11     | SMI-094T            | AS REQ'D  | POUR & DEBRIDGE PLAIN SNAP                                  | 6063-T6    | -                                  |
| 12     | SMI-318             | AS REQ'D  | HEAD, JAMB & SILL.                                          | 6063-T6    | -                                  |
| 13     | SMI-319             | AS REQ'D  | INTERMEDIATE HORIZONTAL                                     | 6063-T6    | -                                  |
| 18     | SMI-005             | AS REQ'D  | STD. DOOR FRAME JAMB                                        | 6063-T6    | -                                  |
| 19     | SMI-076             | AS REQ'D  | H.D. DOOR FRAME JAMB                                        | 6005-T5    | -                                  |
| 23     | SMI-320             | AS REQ'D  | SHEAR BLOCK (1" LG.)                                        | 6063-T6    | -                                  |
| 24B    | 7/8"x3 7/8"x7/8"    | AS REQ'D  | REINFORCING CHANNEL 3/16" THK.                              | STEEL      | -                                  |
| 24C    | 1/2"x3 7/16"x1/2"   | AS REQ'D  | REINFORCING CHANNEL 1/8" THK.                               | STEEL      | -                                  |
| 25     | SMI-G01             | AS REQ'D  | GASKET (AT INTERIOR)                                        | EPDM       | TREMCO                             |
| 26     | SMI-G13             | AS REQ'D  | SPACER / RETAINER OUTER GASKET                              | SANTOPRENE | MELTPPOINT PLASTICS INTERNATIONAL. |
| 27     | SMI-G02             | AS REQ'D  | SINGLE FACE FOAM TAPE (3/8" X 1/2")                         | VINYL FOAM | FRANK LOWE                         |
| 31     | SMI-SB04            | 2 PER GL. | SETTING BLOCKS (1/4" X 5/8" X 4" LG.)                       | EPDM       | TREMCO, DUROMETER 80±5 SHORE A     |
| 34     | SMI-SB07            | 2 PER GL. | SETTING BLOCKS (1/4" X 1 1/4" X 4" LG.)                     | EPDM       | TREMCO, DUROMETER 80±5 SHORE A     |
| 35     | 3/8" X 4"           | AS REQ'D  | REINFORCING BAR                                             | STEEL      | A36, Fu MIN. = 58 KSI              |
| 36     | 3/4" X 4"           | AS REQ'D  | REINFORCING BAR                                             | STEEL      | A36, Fu MIN. = 58 KSI              |
| 37     | 5/8" X 4"           | AS REQ'D  | REINFORCING BAR                                             | STEEL      | A36, Fu MIN. = 58 KSI              |
| 38     | 3/4" X 5"           | AS REQ'D  | REINFORCING BAR                                             | STEEL      | A36, Fu MIN. = 58 KSI              |
| 46     | #12 X 1 1/2"        | 4/CORNER  | FRAME ASSEMBLY SCREWS                                       | ST. STEEL  | HEX. HEAD MACHINE SCREW            |
| 47     | 11/16"x 4" X 11/16" | AS REQ'D  | JAMB/HORIZONTAL REINFORCING CHANNEL 3/16" THK.              | STEEL      | A36, Fu MIN. = 58 KSI              |

Sealed: 8/6/2026



FL #19973

**af c**

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

SERIES FRONT SET ALUM WINDOW WALL SYS. (L.M.I.)

**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

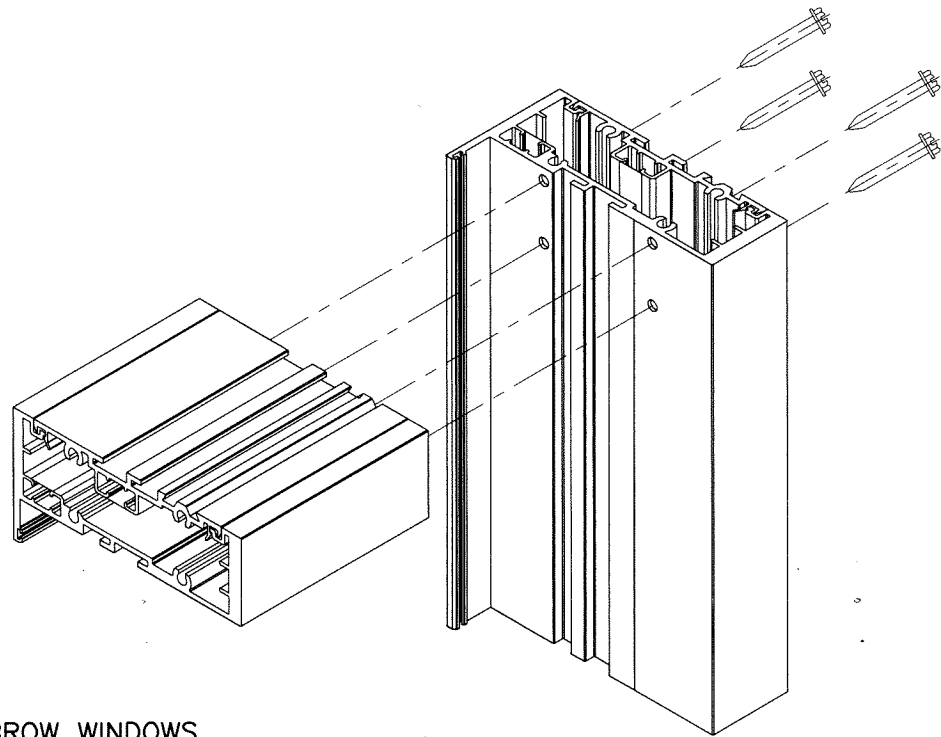
revisions:  
no. date by description

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

date: 06-10-21  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:

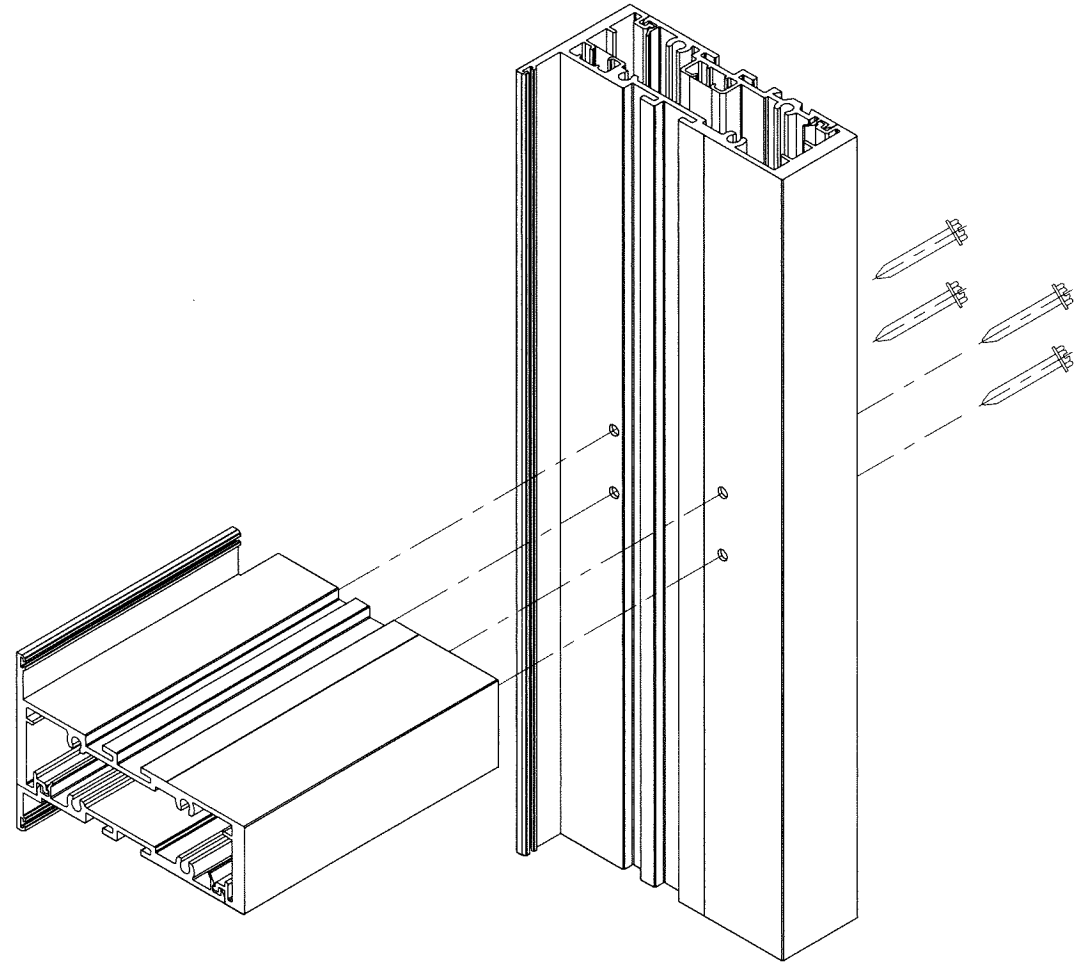
drawing no.  
**21-51F**  
sheet 26 of 27

COMP-ANL\21-51FAGP



EYEBROW WINDOWS  
TOP CORNER

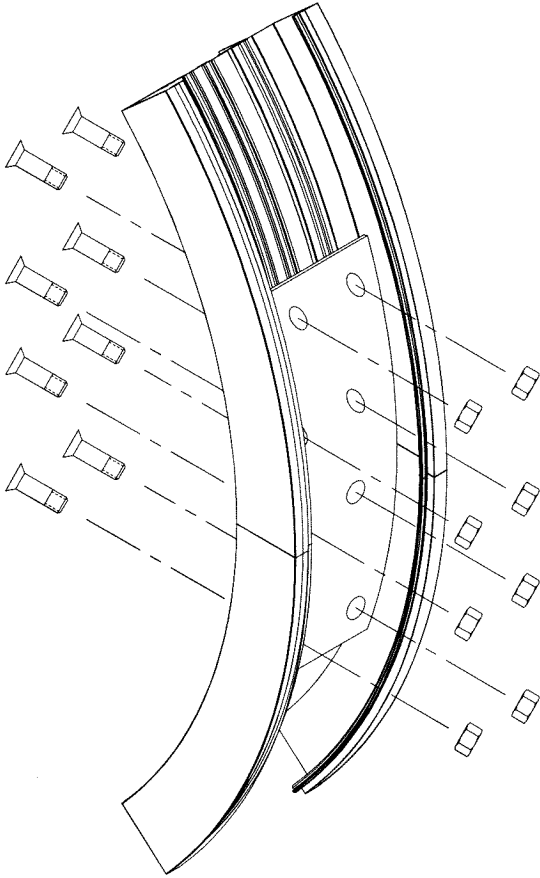
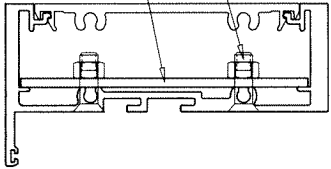
FRAME TOP/BOTTOM CORNERS



INTERMEDIATE HORIZONTAL CORNERS

1/4-20 X 1" LONG  
FT. HD. PH. MACHINE BOLT  
ST/ST WITH NUT  
(8) PER PLATE

1/8" X 4" ALUM. PLATE  
10" LONG



SPLICE JOINT AT  
HALF & FULL CIRCLE CORNERS



Sealed: 8/6/2026

FL #19973

**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 21-51FAGP

SERIES FRONT SET ALUM. WINDOW WALL SYS. (L.M.I.)  
**Aldora Aluminum & Glass Products Inc.**  
4250 Coral Ridge Drive, Suite 101  
Coral Springs, FL. 33065  
Tel. (954) 784-6900 Fax. (954) 784-6901

| revisions: |                     |
|------------|---------------------|
| no         | date by description |
|            |                     |
|            |                     |
|            |                     |
|            |                     |

|                |                  |               |          |
|----------------|------------------|---------------|----------|
| date: 06-10-21 | scale: 3/8" = 1" | dr. by: TARIQ | chk. by: |
|----------------|------------------|---------------|----------|

drawing no.  
**21-51F**  
sheet 27 of 27