

THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT.  
F.B.C. APPROVED IMPACT RESISTANT SHUTTERS  
REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE.  
SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

**SERIES-100SH**  
**ALUMINUM SINGLE HUNG WINDOW**

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE  
COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER  
WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING  
F.B.C. APPROVED MULLIONS IN BETWEEN.

LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL  
WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE  
REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA  
BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE  
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT  
LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS  
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE  
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

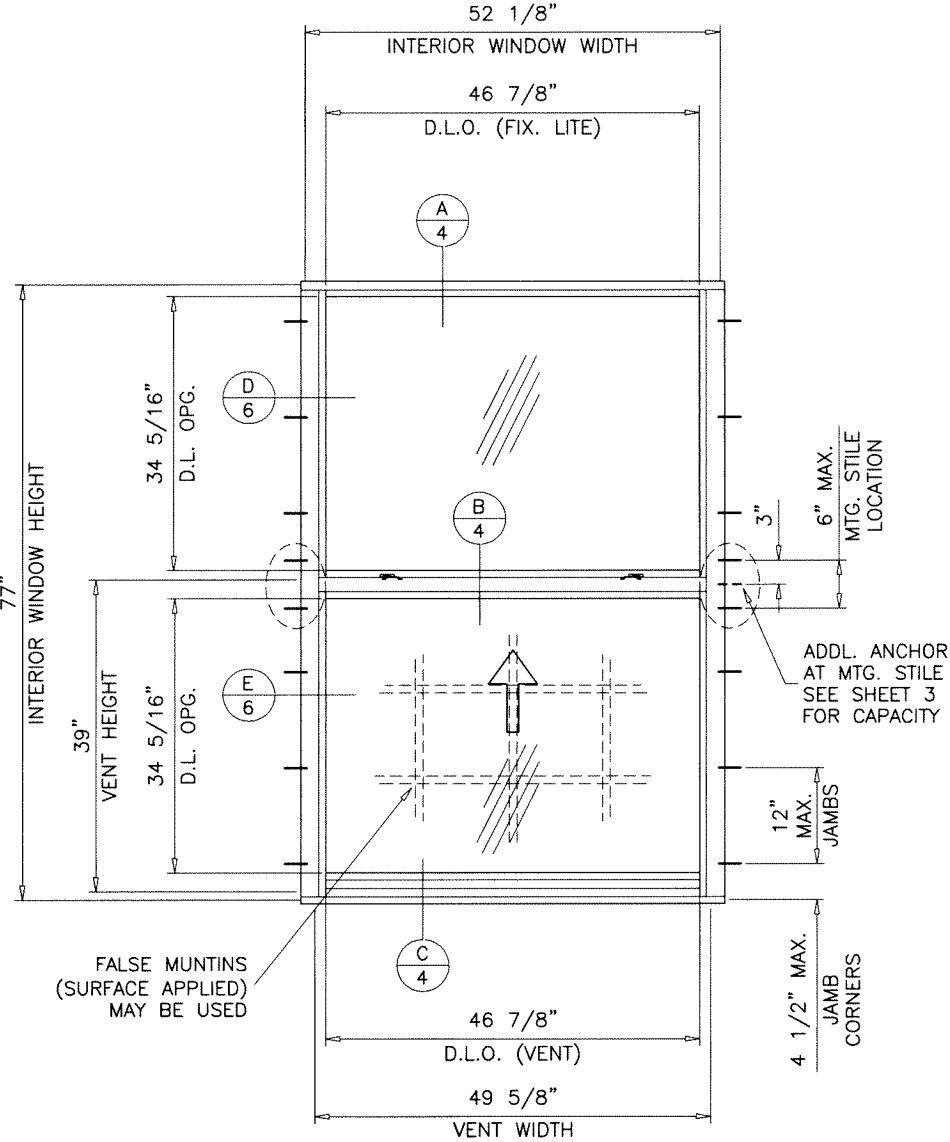
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT  
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE  
REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

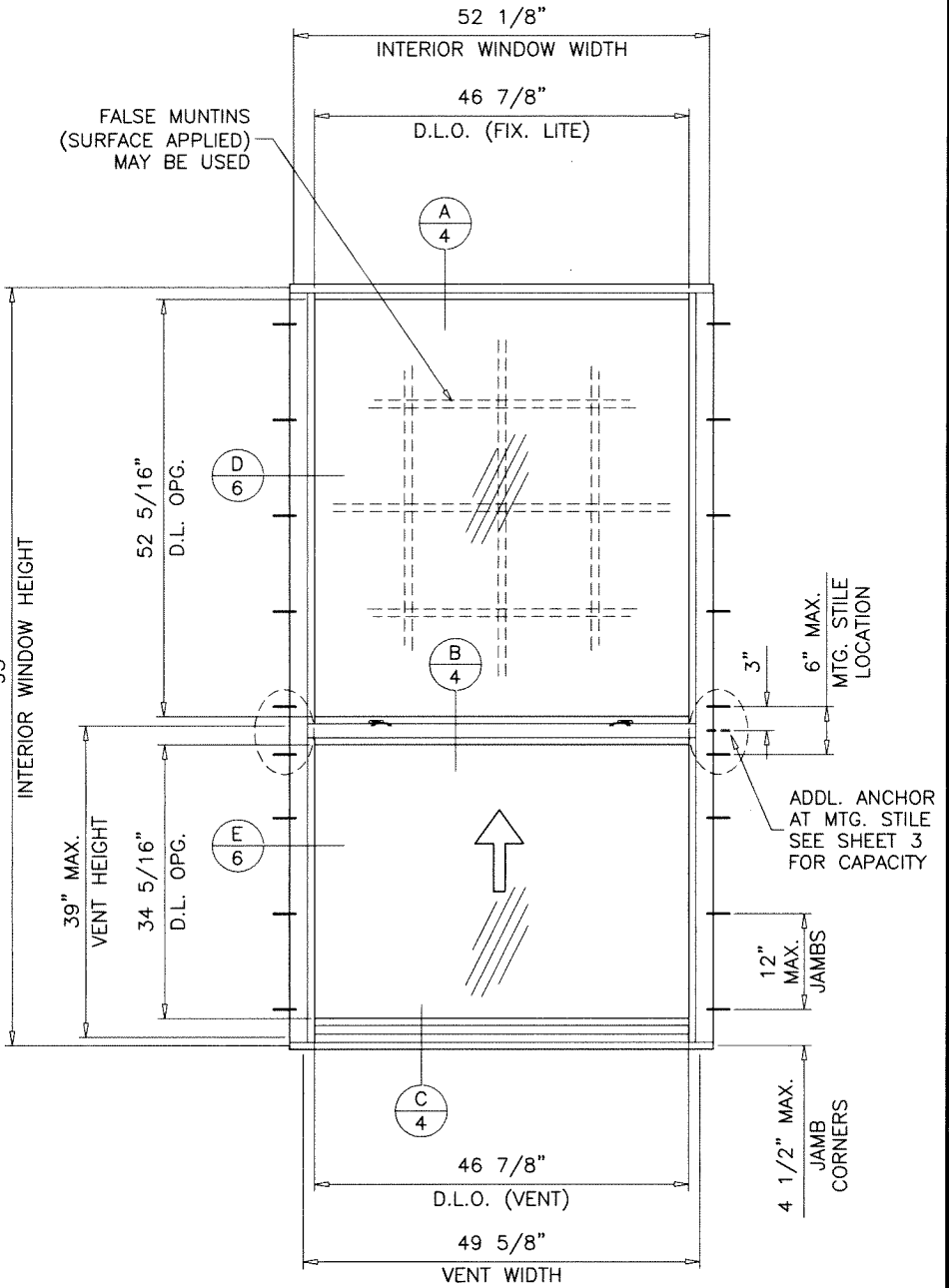
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION  
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY  
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR  
WATER INFILTRATION RESISTANCE ETC.  
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED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

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION  
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.  
LABELING TO COMPLY WITH SECTION 1709.9.2.



**TYPICAL ELEVATION**  
EQUAL LITES



**TYPICAL ELEVATION**  
UNEQUAL LITES (ORIEL TYPE)  
TESTED UNIT

Sealed: 8/9/2023

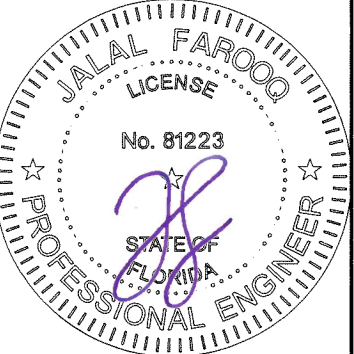
FL #42249

A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND  
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION  
PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED  
ON THIS DOCUMENT.

B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF  
ALTERED BY ANY MEANS.

C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED  
ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.)  
FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER  
USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED  
ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE  
SPECIFIC DRAWINGS FOR REVIEW.

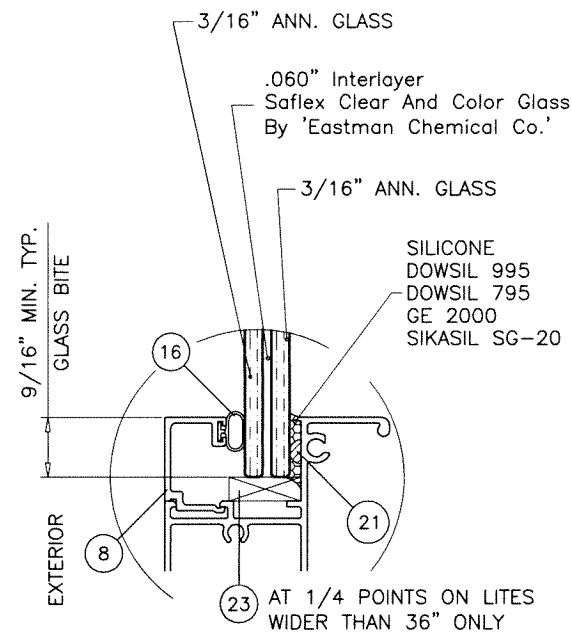
D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF  
THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



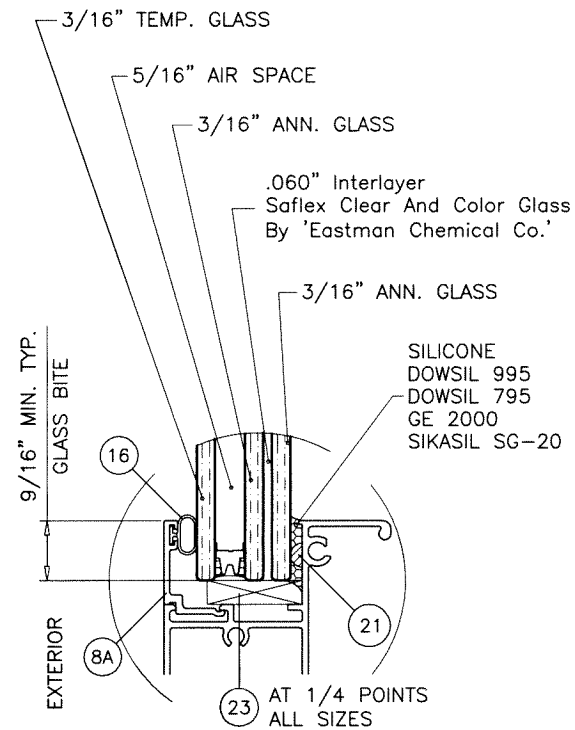
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
MIAMI, FLORIDA 33173 FAX. (305) 262-6978  
TEL. (305) 264-8100  
COMP-ANL\23-34F-DSL

SERIES-100SH ALUM SINGLE HUNG WDW. (S.M.I.)  
**Datum Shutters LLC**  
2731 Vista Parkway, Suite D-8  
West Palm Beach, FL. 33411  
Tel. (561) 337-0300 www.datumautomation.com

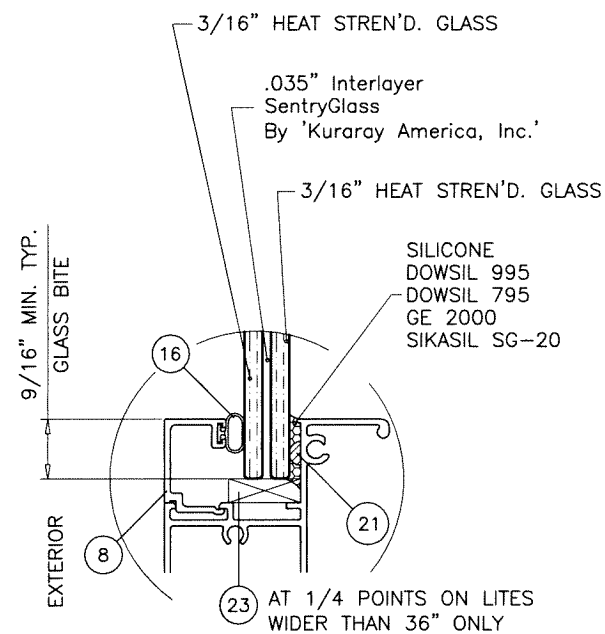
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| no          |  | date       |  | by           |  | description |  |             |  |
| 08-01-23    |  | 1/2"=1'-0" |  | TARIC        |  |             |  |             |  |
| drawing no. |  | 23-34F     |  | sheet 1 of 8 |  |             |  |             |  |



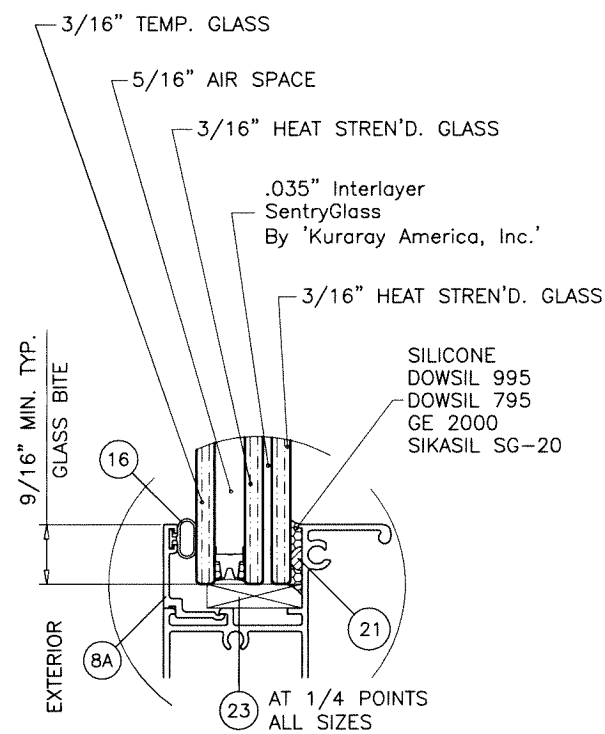
**GLASS TYPE 'A'**  
7/16" OVERALL LAM. GLASS



**GLASS TYPE 'Ai'**  
15/16" OVERALL INSUL. LAM. GLASS

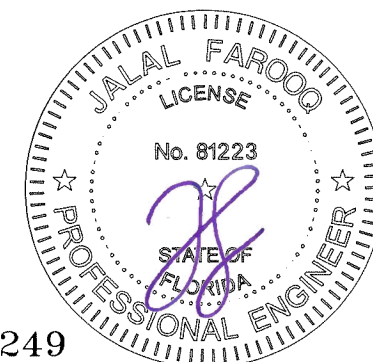


**GLASS TYPE 'B'**  
7/16" OVERALL LAM. GLASS



**GLASS TYPE 'Bi'**  
15/16" OVERALL INSUL. LAM. GLASS

Sealed: 8/9/2023



FL #42249

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

date: 08-01-23

scale: -

dr. by: TARIQ

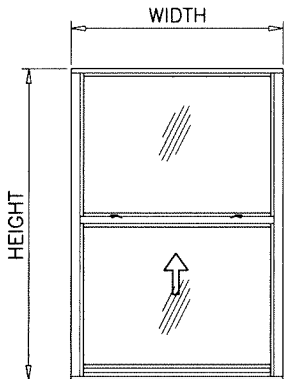
chk. by:

drawing no.

**23-34F**

sheet 2 of 8

| EQUAL LITES WINDOWS<br>DESIGN LOAD CAPACITY - PSF |         |                                     |         |      |        |
|---------------------------------------------------|---------|-------------------------------------|---------|------|--------|
| INTERIOR<br>FRAME DIMS.                           |         | GLASS TYPES<br>'A', 'Ai', 'B', 'Bi' |         |      |        |
| WIDTH                                             | HEIGHT  | EXT.(+)                             | INT.(-) |      |        |
| 18-1/8"                                           | 25"     | 80.0                                | 95.0    |      |        |
| 25-1/2"                                           |         | 80.0                                | 95.0    |      |        |
| 36"                                               |         | 80.0                                | 95.0    |      |        |
| 52-1/8"                                           |         | 80.0                                | 95.0    |      |        |
| 18-1/8"                                           | 37-3/8" | 80.0                                | 95.0    |      |        |
| 25-1/2"                                           |         | 80.0                                | 95.0    |      |        |
| 36"                                               |         | 80.0                                | 95.0    |      |        |
| 52-1/8"                                           |         | 80.0                                | 95.0    |      |        |
| 18-1/8"                                           | 49-5/8" | 80.0                                | 95.0    |      |        |
| 25-1/2"                                           |         | 80.0                                | 95.0    |      |        |
| 36"                                               |         | 80.0                                | 95.0    |      |        |
| 52-1/8"                                           |         | 80.0                                | 95.0    |      |        |
| 18-1/8"                                           | 55"     | 80.0                                | 95.0    |      |        |
| 25-1/2"                                           |         | 80.0                                | 95.0    |      |        |
| 36"                                               |         | 80.0                                | 95.0    |      |        |
| 52-1/8"                                           |         | 80.0                                | 95.0    |      |        |
| 18-1/8"                                           | 62"     | 80.0                                | 95.0    |      |        |
| 25-1/2"                                           |         | 80.0                                | 95.0    |      |        |
| 36"                                               |         | 80.0                                | 95.0    |      |        |
| 52-1/8"                                           |         | 80.0                                | 95.0    |      |        |
| 18-1/8"                                           | 71"     | 80.0                                | 95.0    |      |        |
| 25-1/2"                                           |         | 80.0                                | 95.0    |      |        |
| 36"                                               |         | 80.0                                | 95.0    |      |        |
| 52-1/8"                                           |         | 80.0                                | 93.1    | 80.0 | 95.0 * |
| 18-1/8"                                           | 77"     | 80.0                                | 95.0    |      |        |
| 25-1/2"                                           |         | 80.0                                | 95.0    |      |        |
| 36"                                               |         | 80.0                                | 95.0    |      |        |
| 52-1/8"                                           |         | 80.0                                | 90.2    | 80.0 | 95.0 * |



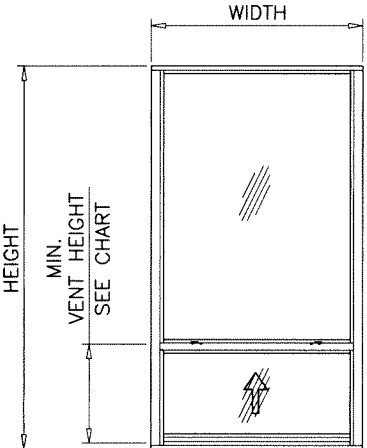
EQUAL LITES

| EQUAL LITES WINDOWS<br>DESIGN LOAD CAPACITY - PSF |        |                                     |         |  |  |
|---------------------------------------------------|--------|-------------------------------------|---------|--|--|
| INTERIOR<br>FRAME DIMS.                           |        | GLASS TYPES<br>'A', 'Ai', 'B', 'Bi' |         |  |  |
| WIDTH                                             | HEIGHT | EXT.(+)                             | INT.(-) |  |  |
| 23"                                               | 47"    | 80.0                                | 95.0    |  |  |
| 29"                                               |        | 80.0                                | 95.0    |  |  |
| 31"                                               |        | 80.0                                | 95.0    |  |  |
| 35"                                               |        | 80.0                                | 95.0    |  |  |
| 41"                                               |        | 80.0                                | 95.0    |  |  |
| 47"                                               |        | 80.0                                | 95.0    |  |  |
| 23"                                               | 59"    | 80.0                                | 95.0    |  |  |
| 29"                                               |        | 80.0                                | 95.0    |  |  |
| 31"                                               |        | 80.0                                | 95.0    |  |  |
| 35"                                               |        | 80.0                                | 95.0    |  |  |
| 41"                                               |        | 80.0                                | 95.0    |  |  |
| 47"                                               |        | 80.0                                | 95.0    |  |  |
| 23"                                               | 71"    | 80.0                                | 95.0    |  |  |
| 29"                                               |        | 80.0                                | 95.0    |  |  |
| 31"                                               |        | 80.0                                | 95.0    |  |  |
| 35"                                               |        | 80.0                                | 95.0    |  |  |
| 41"                                               |        | 80.0                                | 95.0    |  |  |
| 47"                                               |        | 80.0                                | 95.0    |  |  |
| 23"                                               | 83"    | 80.0                                | 95.0    |  |  |
| 29"                                               |        | 80.0                                | 95.0    |  |  |
| 31"                                               |        | 80.0                                | 95.0    |  |  |
| 35"                                               |        | 80.0                                | 95.0    |  |  |
| 41"                                               |        | 80.0                                | 95.0    |  |  |
| 47"                                               |        | 80.0                                | 95.0    |  |  |
| 23"                                               | 93"    | 80.0                                | 95.0    |  |  |
| 29"                                               |        | 80.0                                | 95.0    |  |  |
| 31"                                               |        | 80.0                                | 95.0    |  |  |
| 35"                                               |        | 80.0                                | 95.0    |  |  |
| 41"                                               |        | 80.0                                | 95.0    |  |  |
| 47"                                               |        | 80.0                                | 95.0    |  |  |

\*  
DESIGN LOADS WITH ADDL. ANCHOR AT  
MTG. STILE LOCATION

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

| UNEQUAL LITES WINDOWS<br>DESIGN LOAD CAPACITY - PSF |         |                        |                                     |         |      |        |
|-----------------------------------------------------|---------|------------------------|-------------------------------------|---------|------|--------|
| INTERIOR<br>FRAME DIMS.                             |         | MIN.<br>VENT<br>HEIGHT | GLASS TYPES<br>'A', 'Ai', 'B', 'Bi' |         |      |        |
| WIDTH                                               | HEIGHT  |                        | EXT.(+)                             | INT.(-) |      |        |
| 18-1/8"                                             | 37-3/8" | 16"                    | 80.0                                | 95.0    |      |        |
| 25-1/2"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 36"                                                 |         |                        | 80.0                                | 95.0    |      |        |
| 52-1/8"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 18-1/8"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 25-1/2"                                             | 49-5/8" | 16"                    | 80.0                                | 95.0    |      |        |
| 36"                                                 |         |                        | 80.0                                | 95.0    |      |        |
| 52-1/8"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 18-1/8"                                             | 55"     | 16"                    | 80.0                                | 95.0    |      |        |
| 25-1/2"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 36"                                                 |         |                        | 80.0                                | 95.0    |      |        |
| 52-1/8"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 18-1/8"                                             | 62"     | 16"                    | 80.0                                | 95.0    |      |        |
| 25-1/2"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 36"                                                 |         |                        | 80.0                                | 95.0    |      |        |
| 52-1/8"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 18-1/8"                                             | 71"     | 16"                    | 80.0                                | 95.0    |      |        |
| 25-1/2"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 36"                                                 |         |                        | 80.0                                | 95.0    |      |        |
| 52-1/8"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 18-1/8"                                             | 75"     | 20"                    | 80.0                                | 95.0    |      |        |
| 25-1/2"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 36"                                                 |         |                        | 80.0                                | 95.0    |      |        |
| 52-1/8"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 18-1/8"                                             | 95"     | 39"                    | 80.0                                | 95.0    |      |        |
| 25-1/2"                                             |         |                        | 80.0                                | 95.0    |      |        |
| 36"                                                 |         |                        | 80.0                                | 95.0    |      |        |
| 52-1/8"                                             |         |                        | 80.0                                | 88.1    | 80.0 | 95.0 * |



UNEQUAL LITES (ORIEL TYPE)

| UNEQUAL LITES WINDOWS<br>DESIGN LOAD CAPACITY - PSF |        |                        |                                     |         |  |
|-----------------------------------------------------|--------|------------------------|-------------------------------------|---------|--|
| INTERIOR<br>FRAME DIMS.                             |        | MIN.<br>VENT<br>HEIGHT | GLASS TYPES<br>'A', 'Ai', 'B', 'Bi' |         |  |
| WIDTH                                               | HEIGHT |                        | EXT.(+)                             | INT.(-) |  |
| 23"                                                 | 47"    | 16"                    | 80.0                                | 95.0    |  |
| 29"                                                 |        |                        | 80.0                                | 95.0    |  |
| 31"                                                 |        |                        | 80.0                                | 95.0    |  |
| 35"                                                 |        |                        | 80.0                                | 95.0    |  |
| 41"                                                 |        |                        | 80.0                                | 95.0    |  |
| 47"                                                 |        |                        | 80.0                                | 95.0    |  |
| 23"                                                 | 59"    | 16"                    | 80.0                                | 95.0    |  |
| 29"                                                 |        |                        | 80.0                                | 95.0    |  |
| 31"                                                 |        |                        | 80.0                                | 95.0    |  |
| 35"                                                 |        |                        | 80.0                                | 95.0    |  |
| 41"                                                 |        |                        | 80.0                                | 95.0    |  |
| 47"                                                 |        |                        | 80.0                                | 95.0    |  |
| 23"                                                 | 71"    | 16"                    | 80.0                                | 95.0    |  |
| 29"                                                 |        |                        | 80.0                                | 95.0    |  |
| 31"                                                 |        |                        | 80.0                                | 95.0    |  |
| 35"                                                 |        |                        | 80.0                                | 95.0    |  |
| 41"                                                 |        |                        | 80.0                                | 95.0    |  |
| 47"                                                 |        |                        | 80.0                                | 95.0    |  |
| 23"                                                 | 83"    | 22"                    | 80.0                                | 95.0    |  |
| 29"                                                 |        |                        | 80.0                                | 95.0    |  |
| 31"                                                 |        |                        | 80.0                                | 95.0    |  |
| 35"                                                 |        |                        | 80.0                                | 95.0    |  |
| 41"                                                 |        |                        | 80.0                                | 95.0    |  |
| 47"                                                 |        |                        | 80.0                                | 95.0    |  |
| 23"                                                 | 93"    | 32"                    | 80.0                                | 95.0    |  |
| 29"                                                 |        |                        | 80.0                                | 95.0    |  |
| 31"                                                 |        |                        | 80.0                                | 95.0    |  |
| 35"                                                 |        |                        | 80.0                                | 95.0    |  |
| 41"                                                 |        |                        | 80.0                                | 95.0    |  |
| 47"                                                 |        |                        | 80.0                                | 95.0    |  |
| 23"                                                 | 95"    | 39"                    | 80.0                                | 95.0    |  |
| 29"                                                 |        |                        | 80.0                                | 95.0    |  |
| 31"                                                 |        |                        | 80.0                                | 95.0    |  |
| 35"                                                 |        |                        | 80.0                                | 95.0    |  |
| 41"                                                 |        |                        | 80.0                                | 95.0    |  |
| 47"                                                 |        |                        | 80.0                                | 95.0    |  |



Sealed: 8/9/2023

FL #42249

**af c**

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ENGINEERS & PRODUCT DEVELOPMENT  
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C.A.N. 3538

SERIES-100SH ALUM SINGLE HUNG WDW. (S.M.I.)

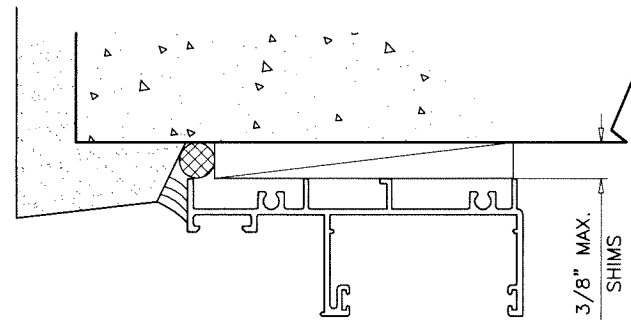
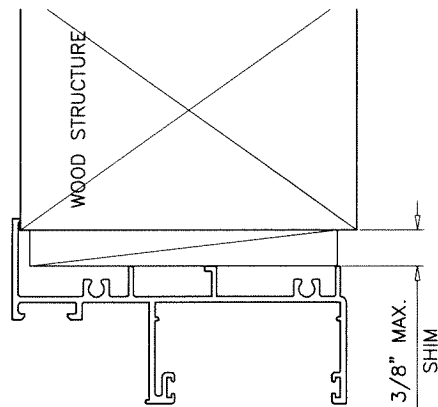
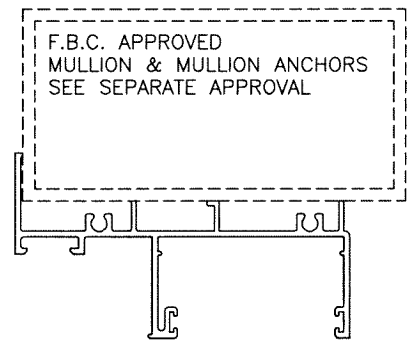
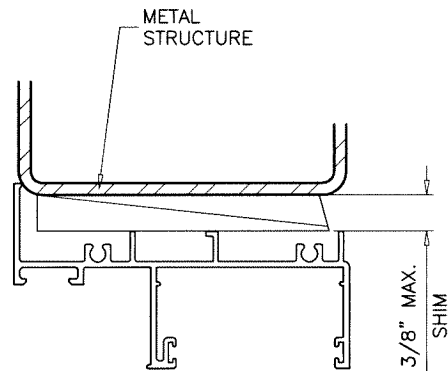
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revisions:  
no date by description

date: 08-01-23  
scale: -  
dr. by: TARIQ  
chk. by:

drawing no.  
**23-34F**  
sheet 3 of 8





FLUSH FRAME WITH  
TRIMMED EXTERIOR FLANGE  
APPLICABLE TO HEAD AND SILL FOR  
ANY SUBSTRATE SHOWN FOR FLANGE FRAMES

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

#### TYPICAL ANCHORS: SEE ELEV. FOR SPACING

**1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=148 KSI)

INTO WOOD STRUCTURES

2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR BLOCKS

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS

2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

2" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

**1/4" DIA. TEKS OR SELF-DRILLING SCREWS** (GRADE 5 CRS)

INTO F.B.C. APPROVED MULLIONS

OR

INTO METAL STRUCTURES (HEAD/SILL/JAMBS)

(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#### TYPICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

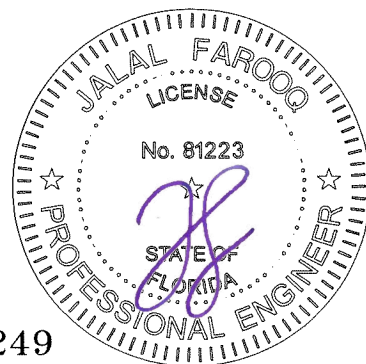
INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

Sealed: 8/9/2023



FL #42249

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TEL. (305) 264-8100 FAX. (305) 262-6978  
(C.A.N. 3538)

COMP-ANL\23-34F-DSL

revisions:

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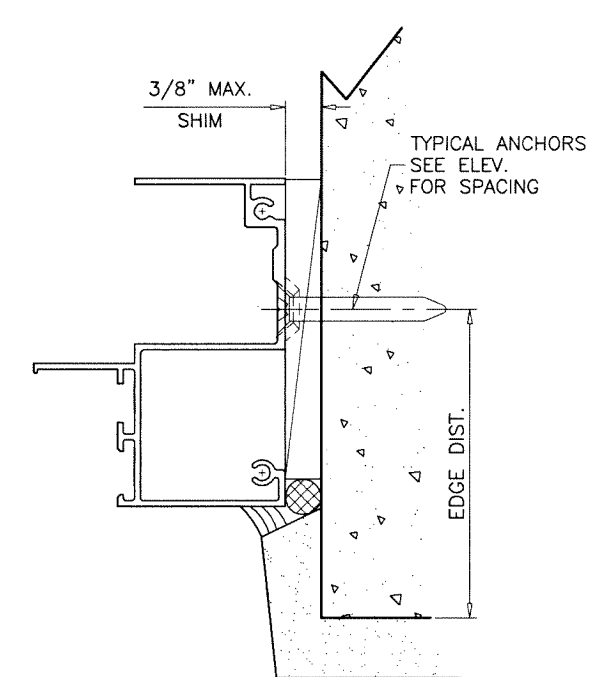
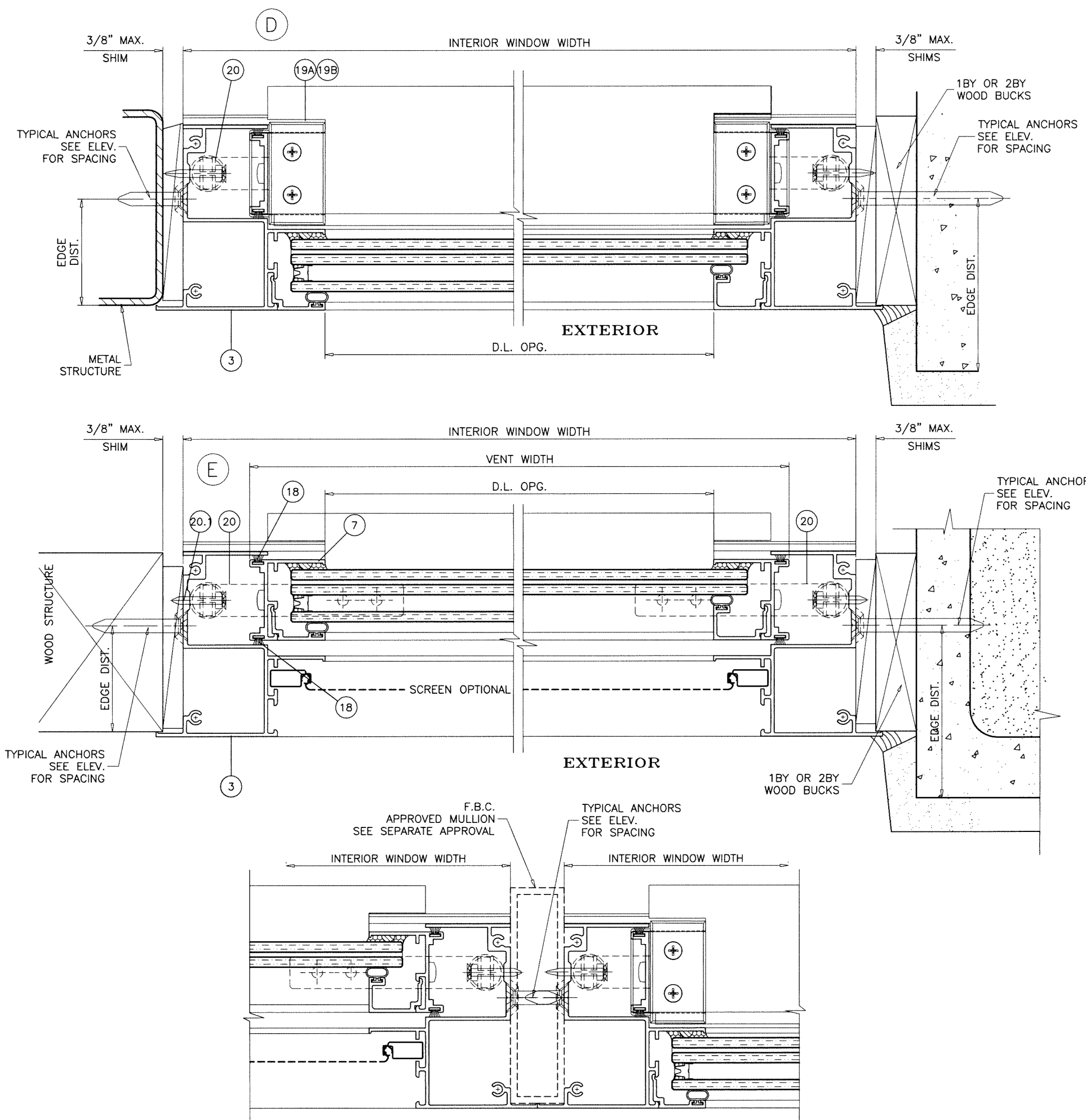
dr. by: TARIQ

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**23-34F**

sheet 5 of 8



FLUSH FRAME WITH TRIMMED EXTERIOR FLANGE

Sealed: 8/9/2023



FL #42249

**AL-FAROOQ CORPORATION**  
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SERIES-100SH ALUM SINGLE HUNG WDW. (S.M.I.)

**Datum Shutters LLC**  
2731 Vista Parkway, Suite D-8  
West Palm Beach, FL 33411  
Tel. (561) 337-0300 www.datumautomation.com

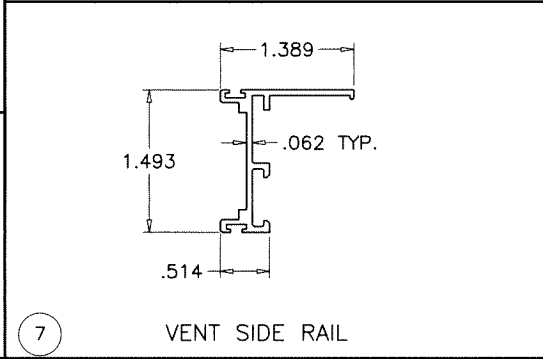
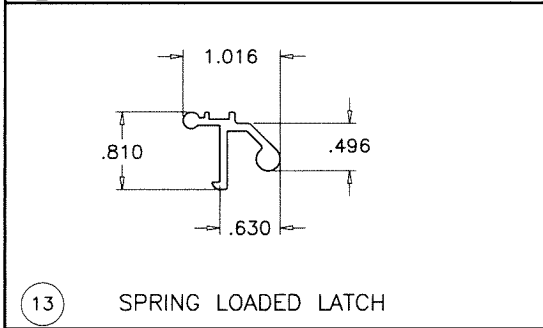
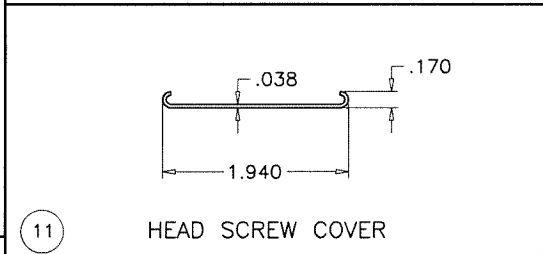
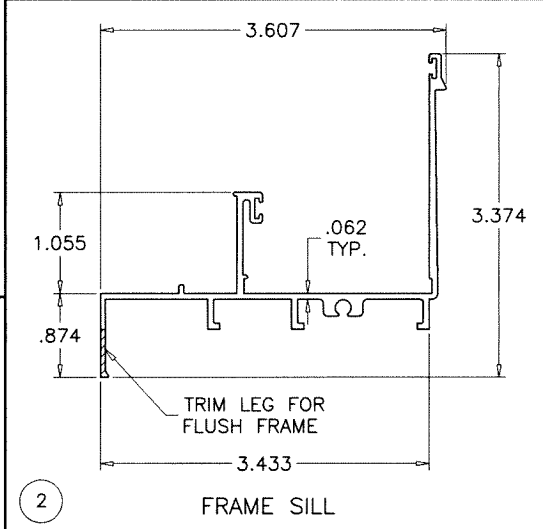
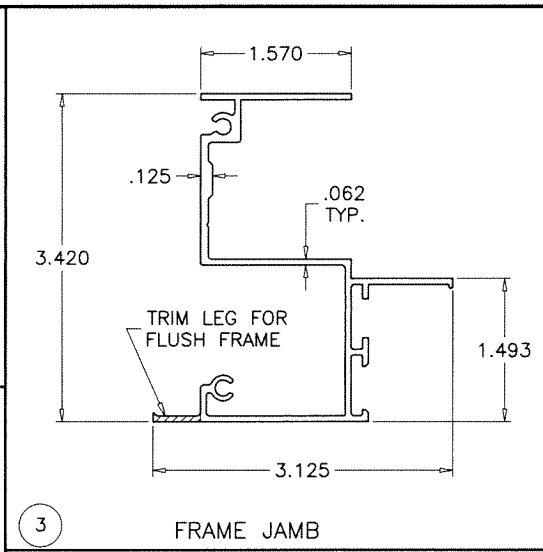
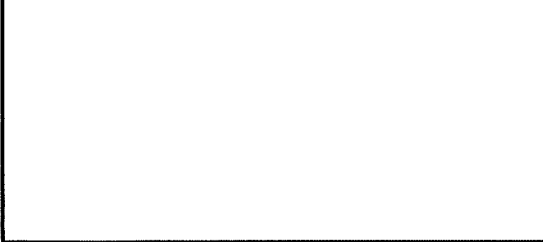
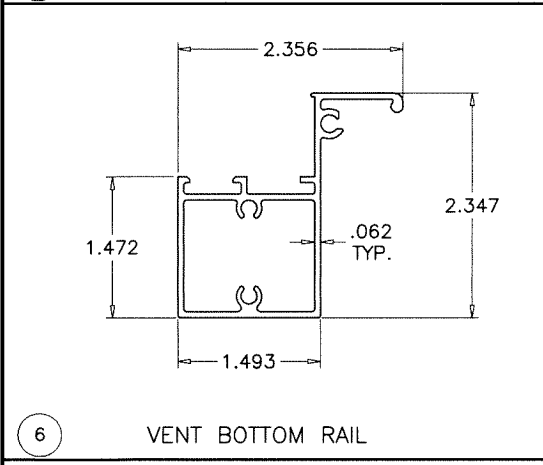
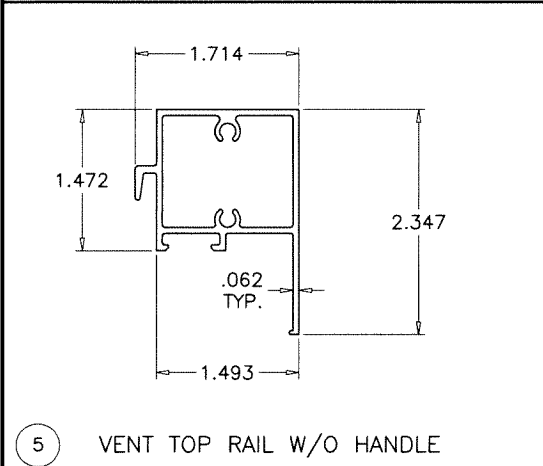
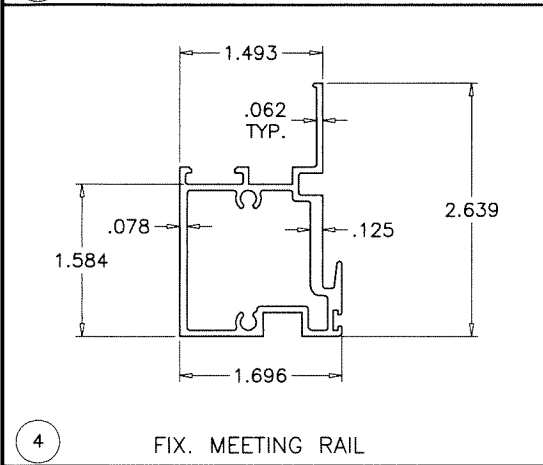
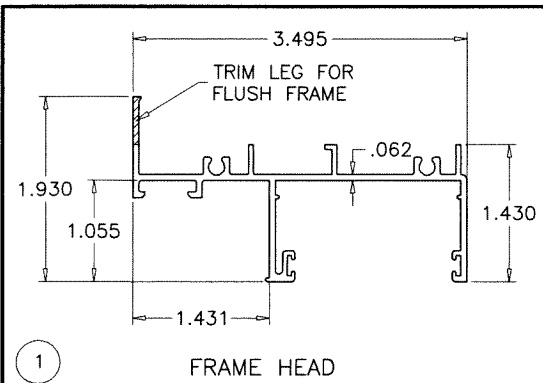
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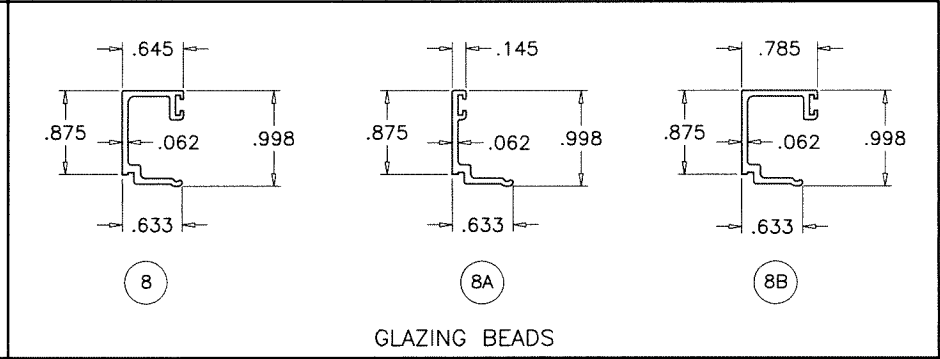
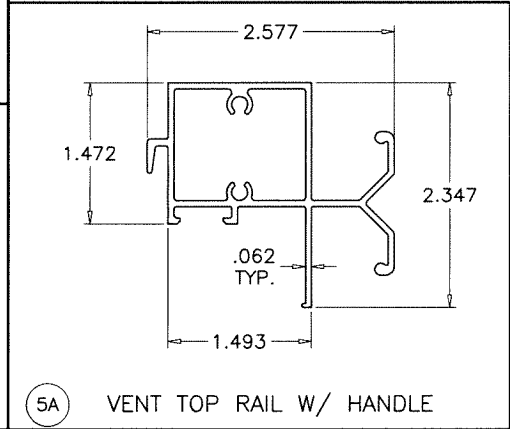
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drawing no. **23-34F**

sheet 6 of 8

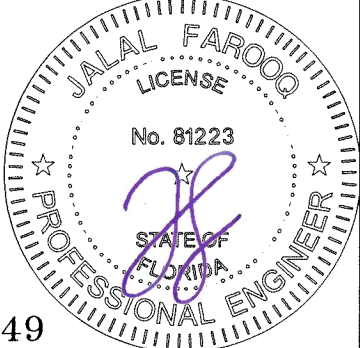


| ITEM # | PART #       | REQD.      | DESCRIPTION                      | MATERIAL  | MANF./SUPPLIER/REMARKS   |
|--------|--------------|------------|----------------------------------|-----------|--------------------------|
| 1      | 105          | 1          | FRAME HEAD                       | 6063-T6   | -                        |
| 2      | 104          | 1          | FRAME SILL                       | 6063-T6   | -                        |
| 3      | 113          | 2          | FRAME JAMB                       | 6063-T6   | -                        |
| 4      | 108          | 1          | FIXED MTG. RAIL                  | 6063-T6   | -                        |
| 5      | 107          | 1          | VENT TOP RAIL W/O HANDLE         | 6063-T6   | -                        |
| 5A     | 107          | 1          | VENT TOP RAIL W/ HANDLE          | 6063-T6   | -                        |
| 6      | 106          | 1          | VENT BOTTOM RAIL                 | 6063-T6   | -                        |
| 7      | 102          | 2          | VENT SIDE RAIL                   | 6063-T6   | -                        |
| 8      | 115          | AS RQD.    | GLAZING BEAD (7/16" LAM. GLASS)  | 6063-T6   | -                        |
| 8A     | 103          | AS RQD.    | GLAZING BEAD (INSUL. LAM. GLASS) | 6063-T6   | -                        |
| 8B     | 119          | AS RQD.    | GLAZING BEAD (5/16" LAM. GLASS)  | 6063-T6   | -                        |
| 9      | -            | 2/VENT     | SASH STOP                        | 6063-T6   | -                        |
| 11     | -            | -          | HEAD SCREW COVER                 | -         | -                        |
| 12     | SL203P       | 2/ VENT    | SWEEP LATCH                      | ZAMAK     | SULLIVAN & ASSOC.        |
| 12.1   | #8 X 1/2"    | 2/ LATCH   | LATCH INST. SCREWS               | ST. STEEL | OH SMS                   |
| 13     | -            | 2/ VENT    | SPRING LOADED LATCH              | 6063-T6   | ALTERNATE TO SWEEP LATCH |
| 13.1   | -            | 2/ LATCH   | LATCH SPRING                     | ST. STEEL | SULLIVAN & ASSOC.        |
| 14     | #10 X 1-3/4" | AS REQD.   | FRAME & VENT ASSEMBLY SCREWS     | CRS       | PH SMS                   |
| 16     | E202         | AS REQD.   | GLAZING BEAD BULB                | NEOPRENE  | ULTRAFAB                 |
| 18     | W71221NK     | AS REQD.   | FIN SEAL W'STRIPPING             | -         | ULTRAFAB                 |
| 18A    | W71321NK     | AS REQD.   | FIN SEAL W'STRIPPING             | -         | ULTRAFAB                 |
| 19A    | -            | 4/ VENT    | VENT GUIDE                       | CELCON    | M&M PLASTICS             |
| 19B    | -            | 2/ VENT    | VENT TOP CAP                     | CELCON    | M&M PLASTICS             |
| 19.1   | #6 X 3/8"    | 1/ GUIDE   | SASH GUIDE INST. SCREW           | CRS       | OH SMS TYPE B            |
| 20     | -            | 2/VENT     | SPIRAL BALANCE                   | -         | -                        |
| 20.1   | #10 X 1-1/4" | 1/ BALANCE | BALANCE INST. SCREW              | -         | OH SMS TYPE B            |
| 21     | -            | AS REQD.   | GLASS SPACER                     | SILICONE  | FRANK LOWE               |
| 22     | -            | 1          | 5/16" BOX SCREEN                 | -         | OPTIONAL                 |
| 23     | -            | 2/ LITE    | SETTING BLOCK AT 1/4 POINTS      | EPDM      | DUROMETER 80±5 SHORE A   |
| 24     | -            | 2          | RETICULATED FOAM BAFFLE 30 PPI   | -         | -                        |
| 25     | WLO2         | AS REQD.   | AUTOMATIC LOCK                   | -         | ROTO HARDWARE            |



**SEALANT:**  
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH  
WHITE/ALUMINUM COLORED GENERAL PURPOSE SILICONE.

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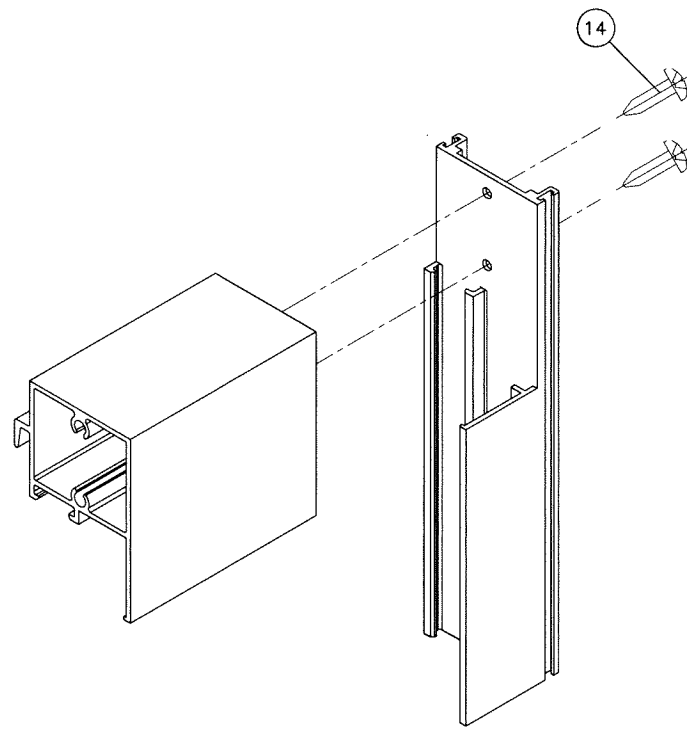
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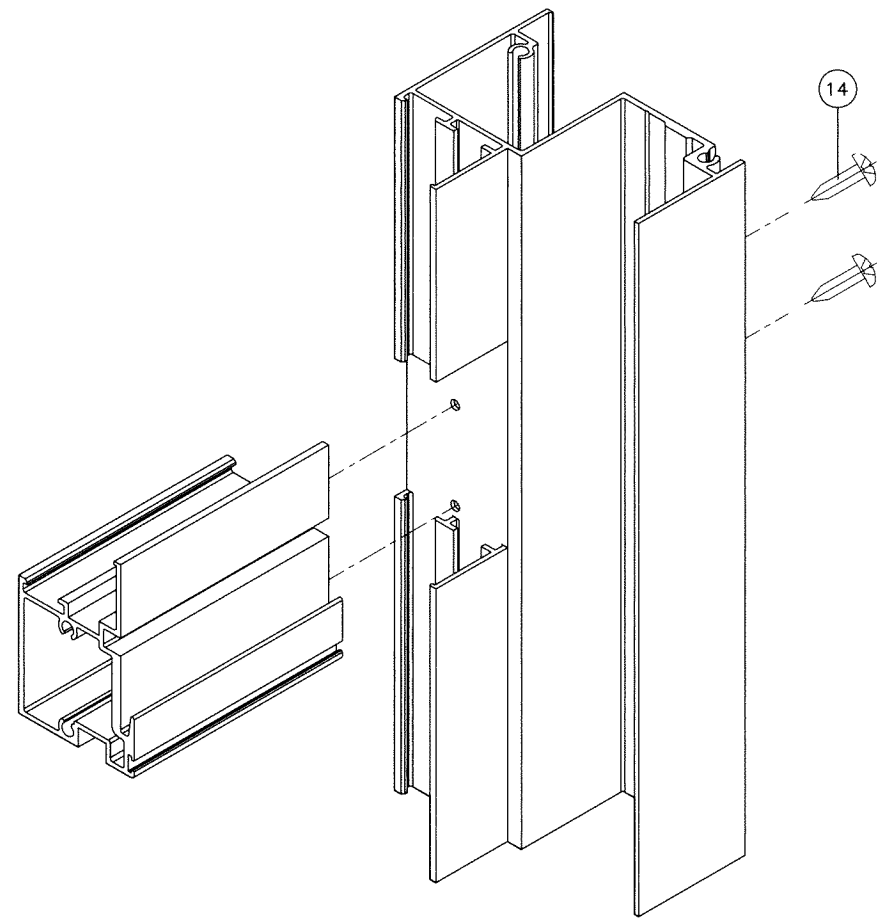
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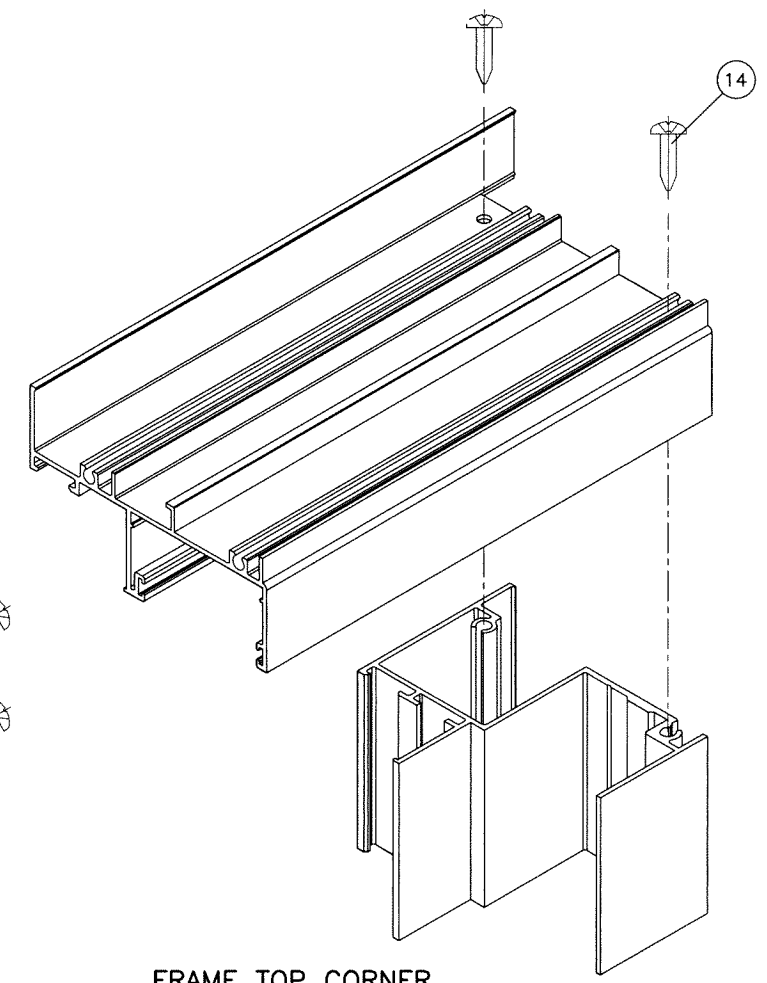
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**23-34F**  
sheet 7 of 8



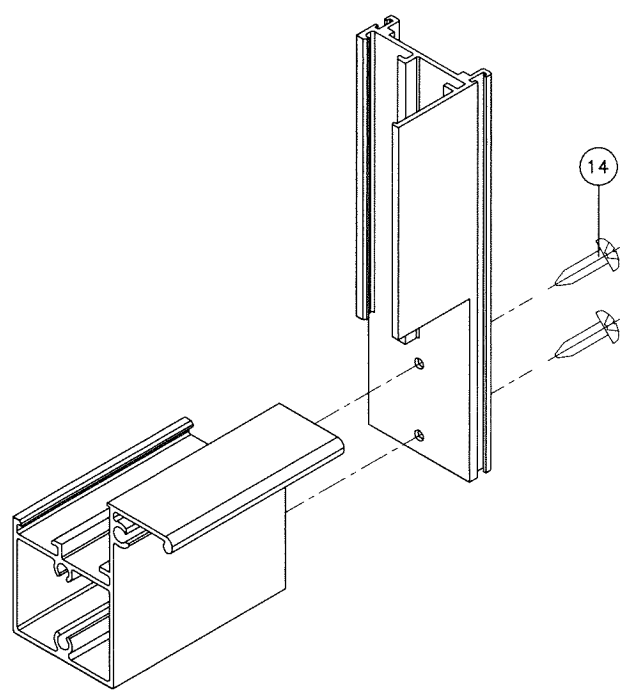
VENT TOP CORNER



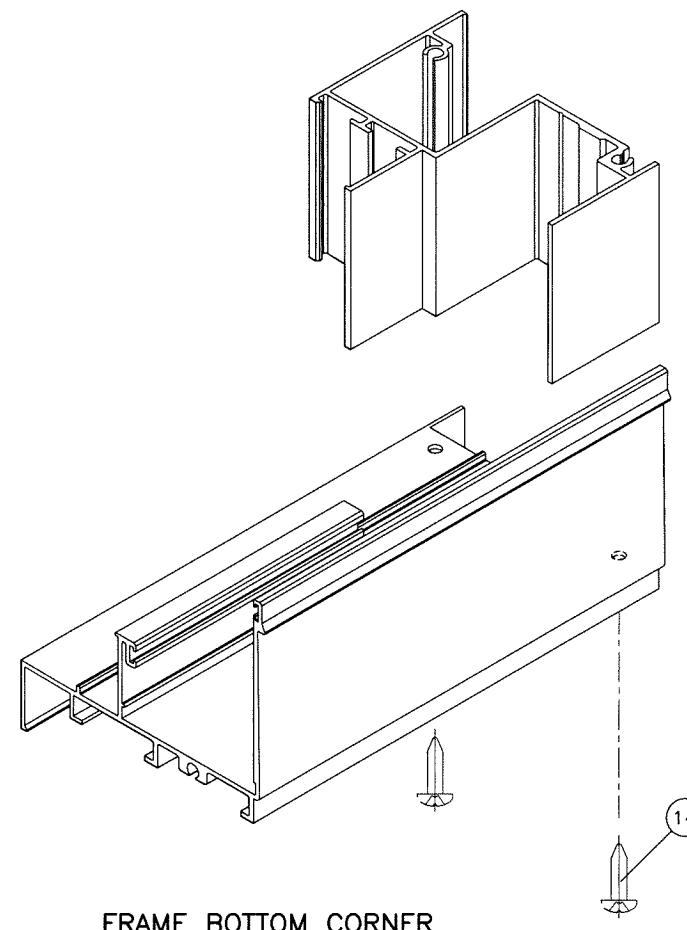
FIXED RAIL CORNER



FRAME TOP CORNER

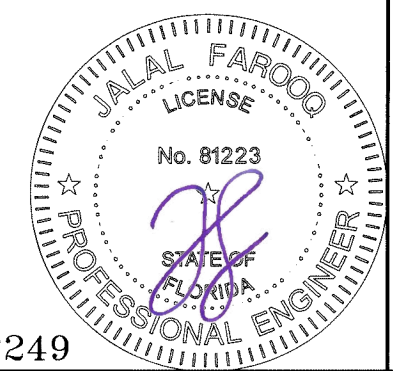


VENT BOTTOM CORNER



FRAME BOTTOM CORNER

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sheet 8 of 8