

SERIES-1000/1050 ALUMINUM SINGLE HUNG WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 2.1.

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 2023 (8TH EDITION)/2026 (9TH 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.

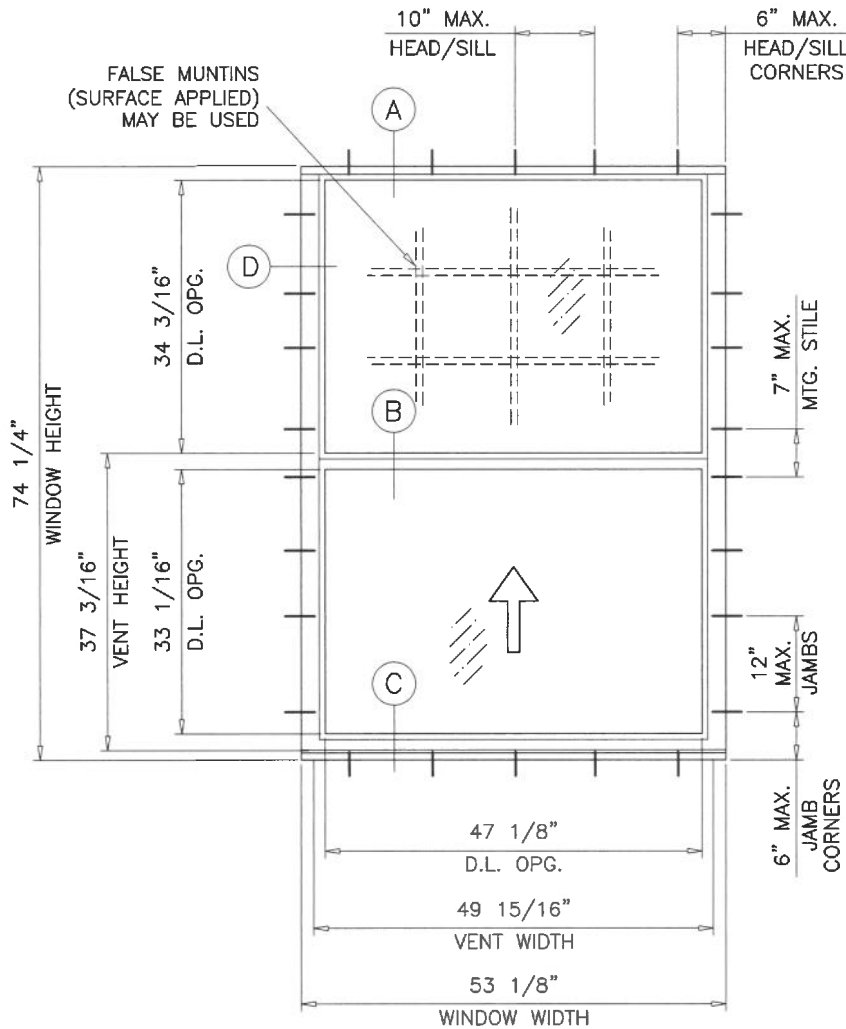
ALL SHIMS TO BE LOAD-BEARING, (HIGH DENSITY PLASTIC/COMPOSITE, METAL OR OTHER RIGID MATERIALS).

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023/2026 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

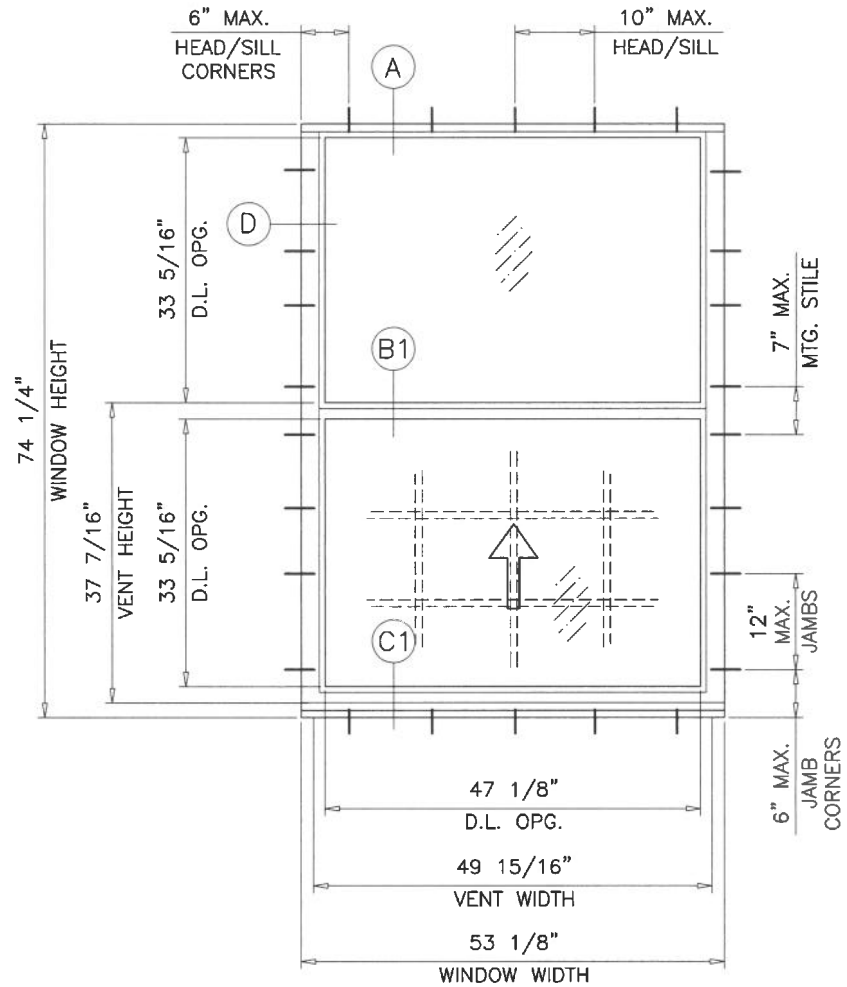
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, 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  
SERIES 1000 (STD. SILL)



TYPICAL ELEVATION  
SERIES 1000 (HI-RISE SILL)

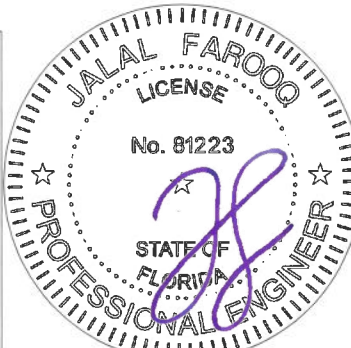
FASTENERS AND CONNECTORS (AS APPLICABLE) SHOWN IN THIS APPROVAL MAY NOT MEET CORROSION RESISTANCE REQUIREMENTS FOR COASTAL OR SALT WATER EXPOSURE ZONES. COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

Sealed: 7/10/2026

FL #46884

- 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.



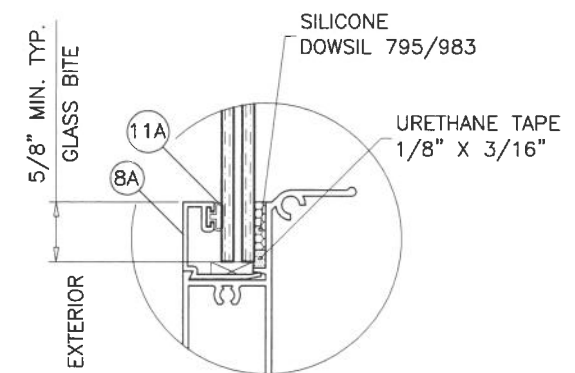
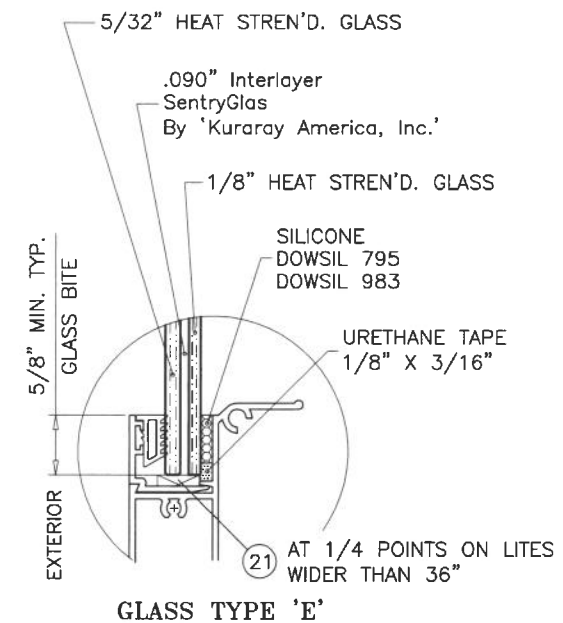
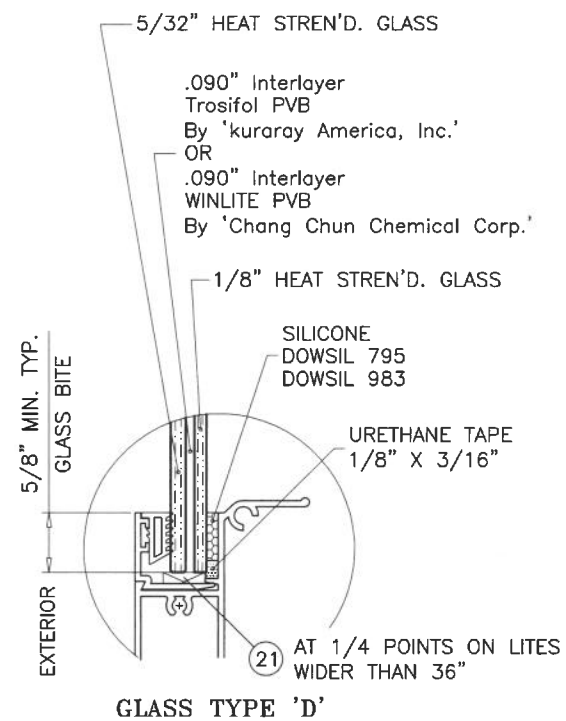
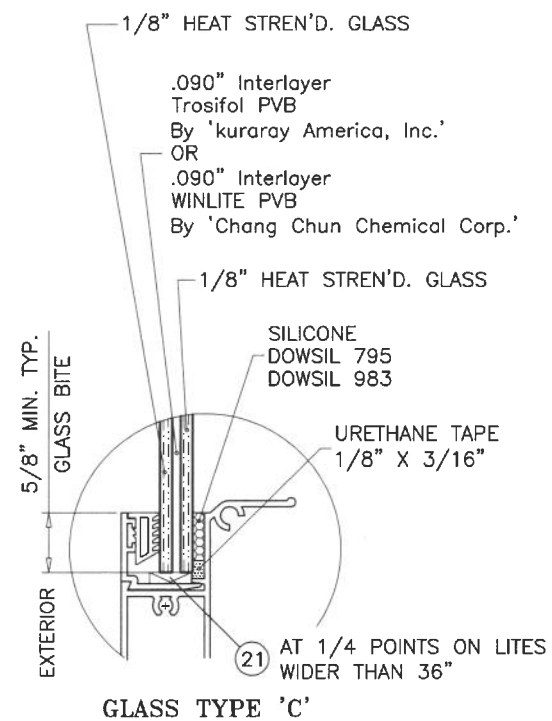
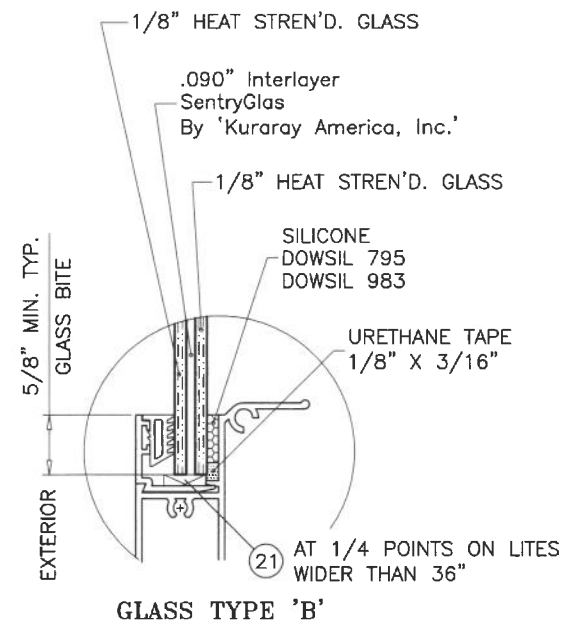
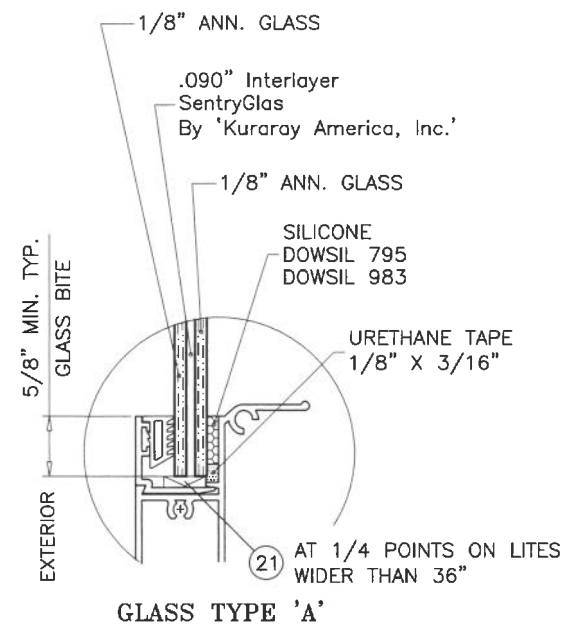
SERIES-1000/1050 ALUM SINGLE HUNG WDW. (L.M.I.)  
E.S. WINDOWS, LLC  
3550 N.W. 49 STREET  
MIAMI, FL. 33142  
TEL. (305) 638-5151 FAX. (305) 638-5158

| revisions: |          | no | date | by | description         |
|------------|----------|----|------|----|---------------------|
| A          | 07.02.26 |    |      |    | UPDATED TO 2026 FBC |

date: 07-10-25  
scale: 1/2"=1'-0"  
dr. by: TARIQ  
chk. by:

drawing no.  
25-67F  
sheet 1 of 8

AL-FAROOQ CORPORATION  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\25-67F-ES



**ALT. GLAZING OPTION**  
SQUARE GLAZING STOP CAN BE USED  
WITH ALL GLASS TYPES SHOWN ON  
THIS SHEET.

### GLAZING OPTIONS



Sealed: 7/10/2026

FL #46884

**AL-FAROOQ CORPORATION**  
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(C.A.N. 3538)  
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| date: 07-10-25          |
| scale: $1/2" = 1' - 0"$ |
| dr. by: TARIQ           |
| chk. by:                |

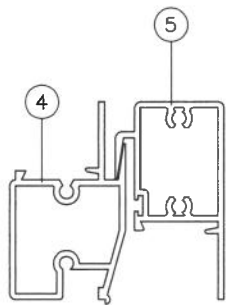
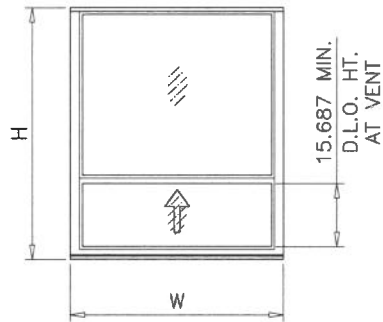
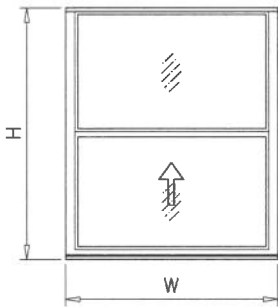
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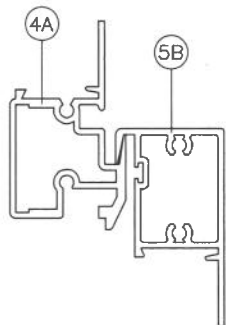
sheet 1.1 of 8

| EQUAL LITES WINDOWS<br>DESIGN LOAD CAPACITY - PSF (HI-RISE SILL) |                |                      |         |                                    |         |                                    |         |
|------------------------------------------------------------------|----------------|----------------------|---------|------------------------------------|---------|------------------------------------|---------|
| WINDOW DIMS.                                                     |                | STANDARD<br>TOP RAIL |         |                                    |         | HEAVY DUTY<br>TOP RAIL             |         |
|                                                                  |                | GLASS TYPE<br>'A'    |         | GLASS TYPES<br>'B', 'C', 'D' & 'E' |         | GLASS TYPES<br>'B', 'C', 'D' & 'E' |         |
| WIDTH                                                            | HEIGHT         | EXT.(+)              | 1NT.(-) | EXT.(+)                            | 1NT.(-) | EXT.(+)                            | 1NT.(-) |
| 19-1/8"                                                          | 26"<br>(3)     | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 42"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 49"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 53-1/8"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 19-1/8"                                                          | 38-3/8"<br>(4) | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 42"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 49"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 53-1/8"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 19-1/8"                                                          | 50-5/8"<br>(5) | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 42"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 49"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 53-1/8"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 19-1/8"                                                          | 58"<br>(5)     | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 42"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 49"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 53-1/8"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 19-1/8"                                                          | 63"<br>(6)     | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 42"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 49"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 53-1/8"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 19-1/8"                                                          | 68"<br>(6)     | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 42"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 49"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 53-1/8"                                                          |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 19-1/8"                                                          | 74-1/4"<br>(7) | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 42"                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 49"                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 53-1/8"                                                          |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 19-1/8"                                                          | 80"<br>(7)     | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 26-1/2"                                                          |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 37"                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 42"                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 49"                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 53-1/8"                                                          |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |

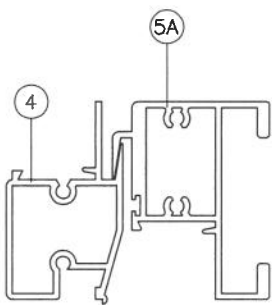
\* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.  
LIMIT EXTERIOR(+) LOADS TO 70.0 PSF FOR STD. SILL.



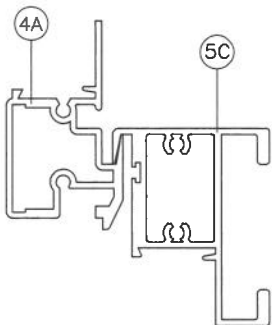
STD. TOP RAIL  
S-1000



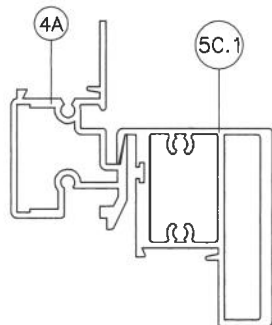
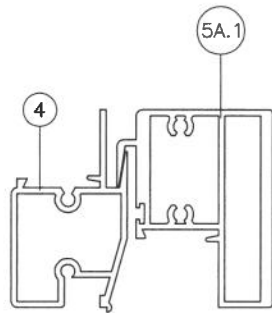
STD. TOP RAIL  
S-1050



HEAVY DUTY TOP RAIL  
S-1000



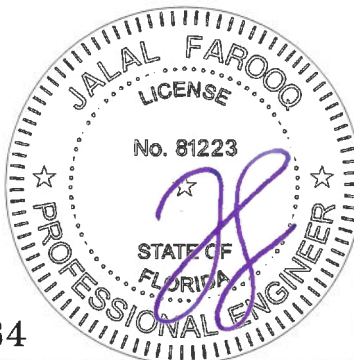
HEAVY DUTY TOP RAIL  
S-1050



| UNEQUAL LITES (ORIEL TYPES) WINDOWS<br>DESIGN LOAD CAPACITY - PSF (HI-RISE SILL) |                |                      |         |                                    |         |                                    |         |
|----------------------------------------------------------------------------------|----------------|----------------------|---------|------------------------------------|---------|------------------------------------|---------|
| WINDOW DIMS.                                                                     |                | STANDARD<br>TOP RAIL |         |                                    |         | HEAVY DUTY<br>TOP RAIL             |         |
|                                                                                  |                | GLASS TYPE<br>'A'    |         | GLASS TYPES<br>'B', 'C', 'D' & 'E' |         | GLASS TYPES<br>'B', 'C', 'D' & 'E' |         |
| WIDTH                                                                            | HEIGHT         | EXT.(+)              | 1NT.(-) | EXT.(+)                            | 1NT.(-) | EXT.(+)                            | 1NT.(-) |
| 19-1/8"                                                                          | 50-5/8"<br>(5) | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 42"                                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 49"                                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 53-1/8"                                                                          |                | 70.0                 | 74.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 19-1/8"                                                                          | 58"<br>(5)     | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 42"                                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 49"                                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 53-1/8"                                                                          |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 19-1/8"                                                                          | 63"<br>(6)     | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                                              |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 42"                                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 49"                                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 53-1/8"                                                                          |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 19-1/8"                                                                          | 68"<br>(6)     | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 42"                                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 49"                                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 53-1/8"                                                                          |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 19-1/8"                                                                          | 74-1/4"<br>(7) | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 26-1/2"                                                                          |                | 70.0                 | 80.0    | 80.0                               | 90.0    | 80.0                               | 90.0    |
| 37"                                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 42"                                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 49"                                                                              |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |
| 53-1/8"                                                                          |                | -                    | -       | -                                  | -       | 80.0                               | 90.0    |

\* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.  
LIMIT EXTERIOR(+) LOADS TO 70.0 PSF FOR STD. SILL.

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



Sealed: 7/10/2026

FL #46884

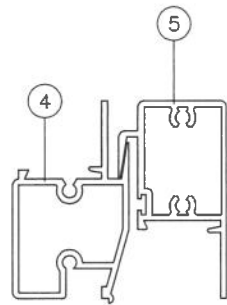
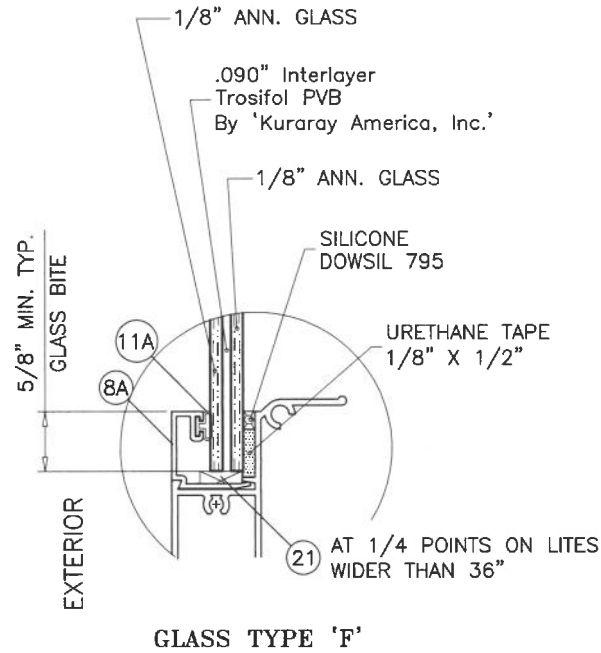
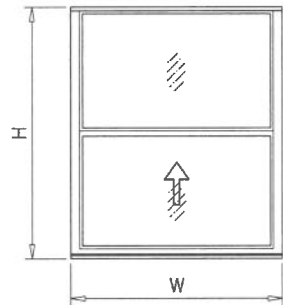
**af c**  
**AL-FAROOQ CORPORATION**  
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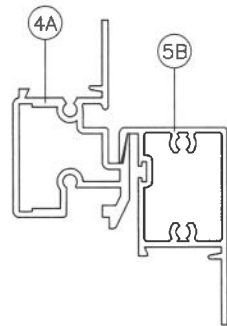
revisions:  
no date by description  
date: 07-10-25  
scale: 1/2" = 1"  
dr. by: TARIQ  
chk. by:  
drawing no.  
**25-67F**  
sheet 2 of 8

| EQUAL LITES WINDOWS<br>DESIGN LOAD CAPACITY - PSF<br>STD. & HI-RISE SILL |                |                      |         |
|--------------------------------------------------------------------------|----------------|----------------------|---------|
| WINDOW DIMS.                                                             |                | STANDARD<br>TOP RAIL |         |
|                                                                          |                | GLASS TYPE 'F'       |         |
| WIDTH                                                                    | HEIGHT         | EXT.(+)              | 1NT.(-) |
| 19-1/8"                                                                  | 26"<br>(3)     | 70.0                 | 75.0    |
| 26-1/2"                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                      |                | 70.0                 | 75.0    |
| 42"                                                                      |                | 70.0                 | 75.0    |
| 49"                                                                      |                | 70.0                 | 75.0    |
| 53-1/8"                                                                  |                | 70.0                 | 75.0    |
| 19-1/8"                                                                  | 38-3/8"<br>(4) | 70.0                 | 75.0    |
| 26-1/2"                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                      |                | 70.0                 | 75.0    |
| 42"                                                                      |                | 70.0                 | 75.0    |
| 49"                                                                      |                | 70.0                 | 75.0    |
| 53-1/8"                                                                  |                | 70.0                 | 75.0    |
| 19-1/8"                                                                  | 50-5/8"<br>(5) | 70.0                 | 75.0    |
| 26-1/2"                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                      |                | 70.0                 | 75.0    |
| 42"                                                                      |                | 70.0                 | 75.0    |
| 49"                                                                      |                | 70.0                 | 75.0    |
| 53-1/8"                                                                  |                | 70.0                 | 75.0    |
| 19-1/8"                                                                  | 58"<br>(5)     | 70.0                 | 75.0    |
| 26-1/2"                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                      |                | 70.0                 | 75.0    |
| 42"                                                                      |                | 70.0                 | 75.0    |
| 49"                                                                      |                | 70.0                 | 75.0    |
| 53-1/8"                                                                  |                | 70.0                 | 75.0    |
| 19-1/8"                                                                  | 63"<br>(6)     | 70.0                 | 75.0    |
| 26-1/2"                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                      |                | 70.0                 | 75.0    |
| 42"                                                                      |                | 70.0                 | 75.0    |
| 49"                                                                      |                | 70.0                 | 75.0    |
| 53-1/8"                                                                  |                | 70.0                 | 75.0    |
| 19-1/8"                                                                  | 68"<br>(6)     | 70.0                 | 75.0    |
| 26-1/2"                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                      |                | 70.0                 | 75.0    |
| 42"                                                                      |                | 70.0                 | 75.0    |
| 49"                                                                      |                | 70.0                 | 75.0    |
| 53-1/8"                                                                  |                | 70.0                 | 75.0    |
| 19-1/8"                                                                  | 74-1/4"<br>(7) | 70.0                 | 75.0    |
| 26-1/2"                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                      |                | 70.0                 | 75.0    |
| 42"                                                                      |                | 70.0                 | 75.0    |
| 49"                                                                      |                | 70.0                 | 75.0    |
| 53-1/8"                                                                  |                | 70.0                 | 75.0    |
| 19-1/8"                                                                  | 80"<br>(7)     | 70.0                 | 75.0    |
| 26-1/2"                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                      |                | 70.0                 | 75.0    |
| 42"                                                                      |                | 70.0                 | 75.0    |
| 49"                                                                      |                | 70.0                 | 75.0    |

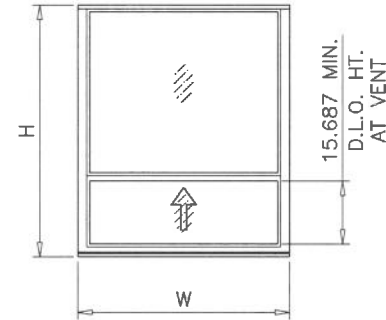
\* NO. IN PARENTHESIS INDICATE NO. OF  
ANCHORS PER JAMB.



STD. TOP RAIL  
S-1000



STD. TOP RAIL  
S-1050



| UNEQUAL LITES (ORIEL TYPES) WINDOWS<br>DESIGN LOAD CAPACITY - PSF<br>STD. & HI-RISE SILL |                |                      |         |
|------------------------------------------------------------------------------------------|----------------|----------------------|---------|
| WINDOW DIMS.                                                                             |                | STANDARD<br>TOP RAIL |         |
|                                                                                          |                | GLASS TYPE 'F'       |         |
| WIDTH                                                                                    | HEIGHT         | EXT.(+)              | 1NT.(-) |
| 19-1/8"                                                                                  | 50-5/8"<br>(5) | 70.0                 | 75.0    |
| 26-1/2"                                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                                      |                | 70.0                 | 75.0    |
| 42"                                                                                      |                | 70.0                 | 75.0    |
| 49"                                                                                      |                | 70.0                 | 75.0    |
| 53-1/8"                                                                                  |                | 70.0                 | 75.0    |
| 19-1/8"                                                                                  | 58"<br>(5)     | 70.0                 | 75.0    |
| 26-1/2"                                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                                      |                | 70.0                 | 75.0    |
| 42"                                                                                      |                | 70.0                 | 75.0    |
| 49"                                                                                      |                | 70.0                 | 75.0    |
| 19-1/8"                                                                                  | 63"<br>(6)     | 70.0                 | 75.0    |
| 26-1/2"                                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                                      |                | 70.0                 | 75.0    |
| 42"                                                                                      |                | 70.0                 | 75.0    |
| 49"                                                                                      |                | 70.0                 | 75.0    |
| 19-1/8"                                                                                  | 68"<br>(6)     | 70.0                 | 75.0    |
| 26-1/2"                                                                                  |                | 70.0                 | 75.0    |
| 37"                                                                                      |                | 70.0                 | 75.0    |
| 19-1/8"                                                                                  | 74-1/4"<br>(7) | 70.0                 | 75.0    |
| 26-1/2"                                                                                  |                | 70.0                 | 75.0    |
| 19-1/8"                                                                                  | 80"<br>(7)     | 70.0                 | 75.0    |
| 26-1/2"                                                                                  |                | 70.0                 | 75.0    |

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

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



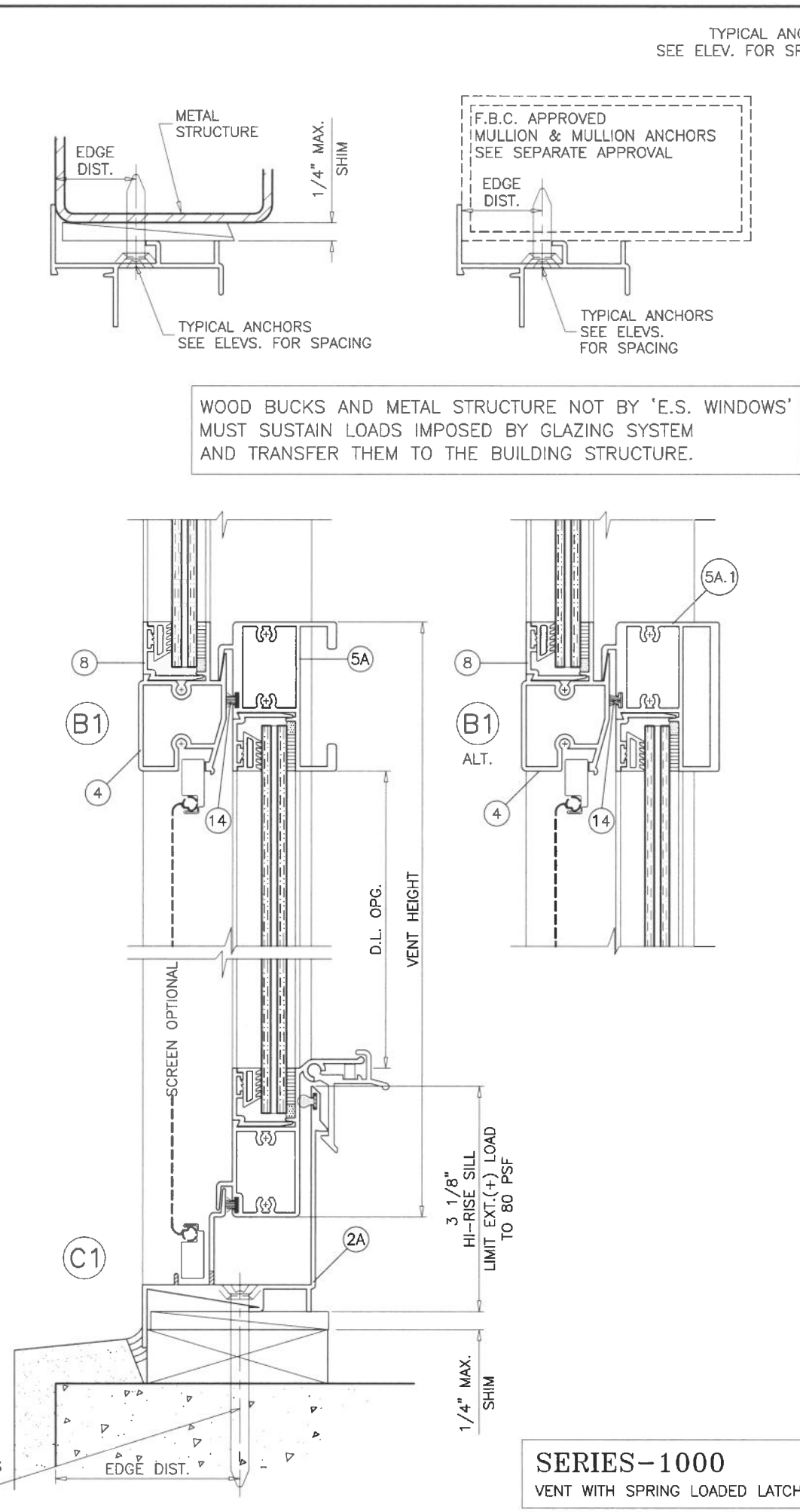
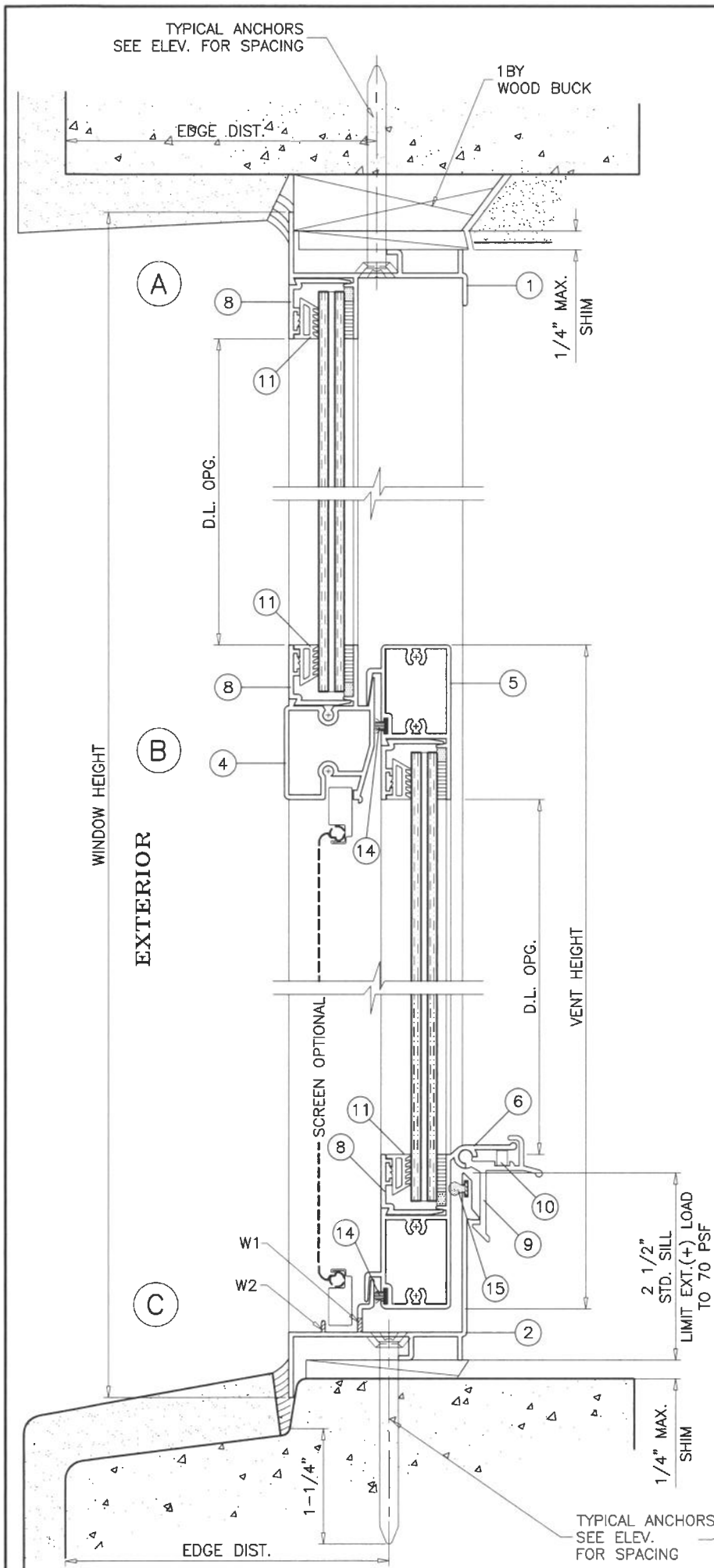
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FL #46884

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

SERIES-1000/1050 ALUM SINGLE HUNG WDW. (L.M.I.)  
**E.S. WINDOWS, LLC**  
3550 N.W. 49 STREET  
MIAMI, FL. 33142  
TEL. (305) 638-5151  
FAX. (305) 638-5158

revisions:  
no date by description  
date: 07-10-25  
scale: 1/2" = 1"  
dr. by: TARIQ  
chk. by:  
drawing no.  
**25-67F**  
sheet 2.1 of 8



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

**1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=148 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS) THRU 1BY BUCKS INTO CONC. OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS) DIRECTLY INTO CONCRETE OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

**#14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS) INTO F.B.C. APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/SILL/JAMBS) (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE 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 MASONRY = 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.**

**SEALANT:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD SEAM SEALER SM5504.

**WEEPHOLES:**

W1 = 1-1/2" X 3/16" WEEPHOLES AT 4" FROM EACH END  
W2 = 1-5/16" NOTCH AT EACH END

**SERIES-1000**  
VENT WITH SPRING LOADED LATCHES

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COMP-ANL\25-67F-ES

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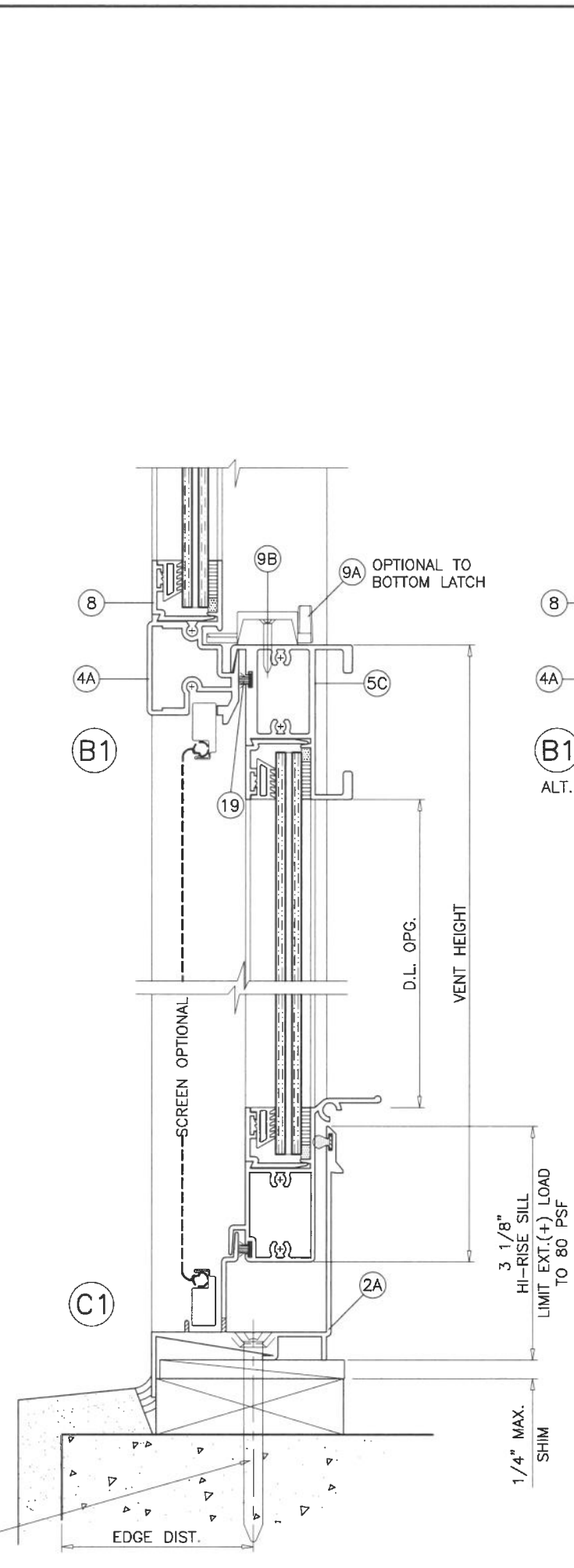
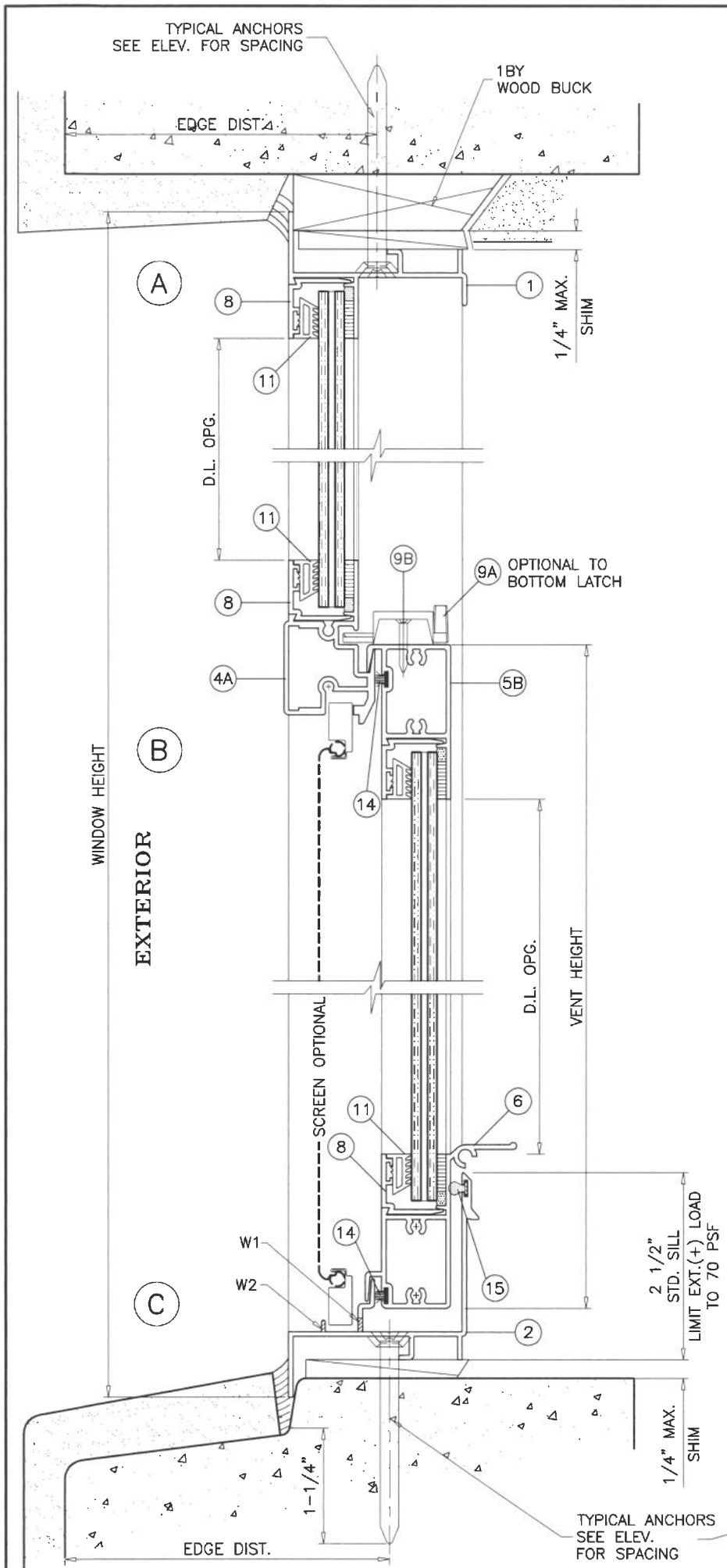
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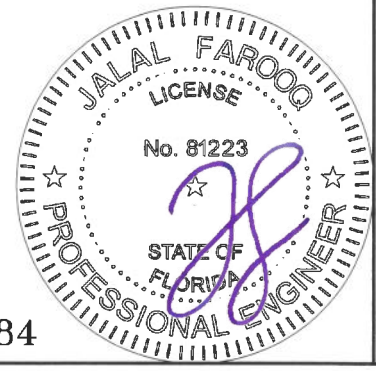
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sheet **3** of **8**



**SERIES-1050**  
VENT WITH SWEEP LATCHES

Sealed: 7/10/2026



FL #46884

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COMP-ANL 25-67F-ES

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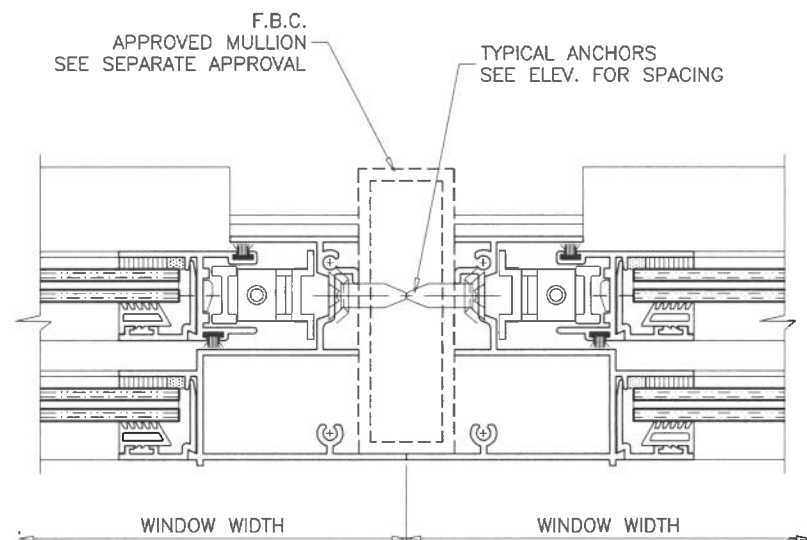
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sheet 4 of 8

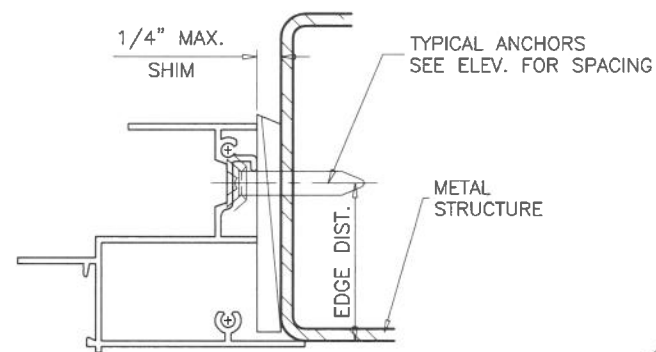
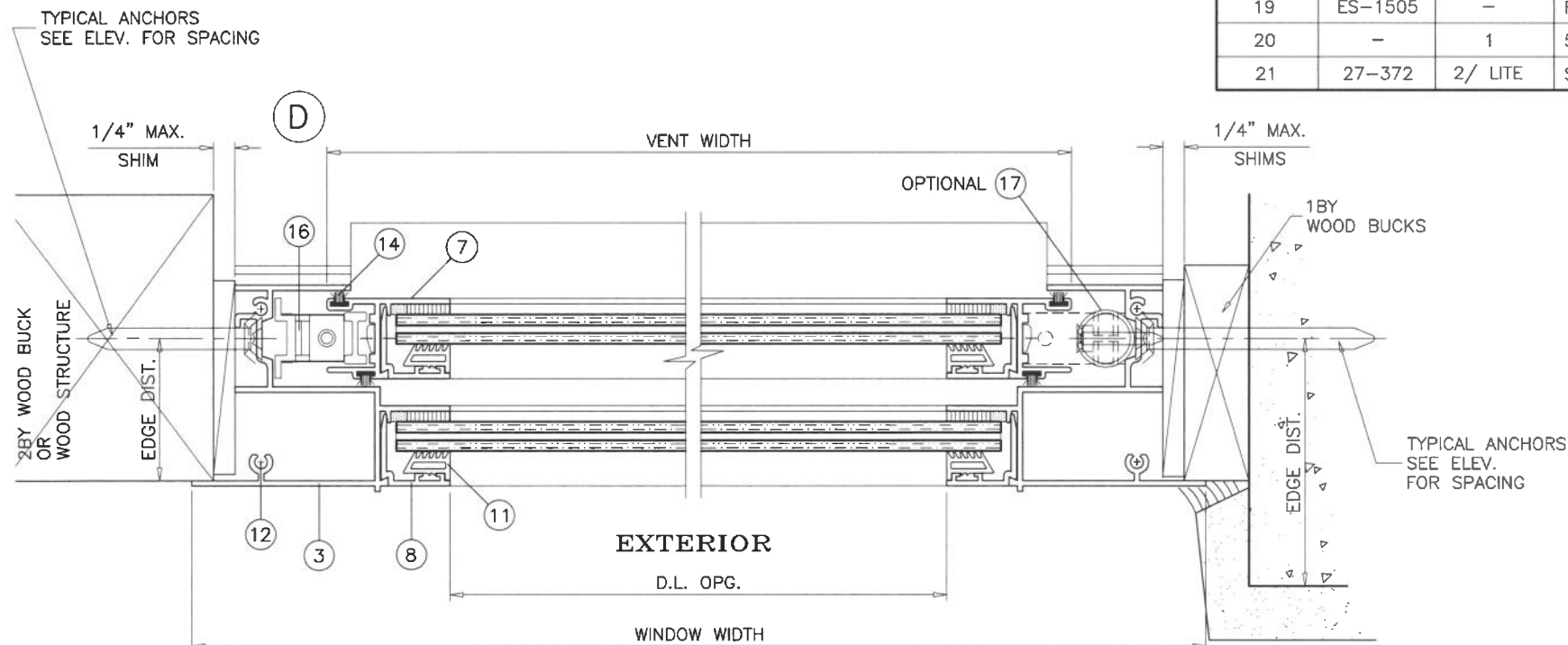
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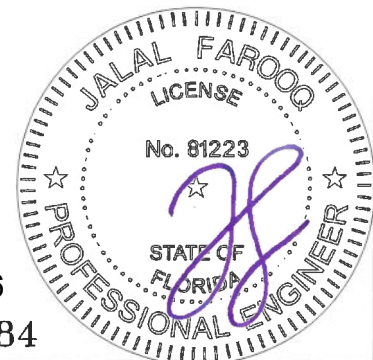


| ITEM # | PART #    | REQD.    | DESCRIPTION                                   | MATERIAL  | MANF./SUPPLIER/REMARKS   |
|--------|-----------|----------|-----------------------------------------------|-----------|--------------------------|
| 1      | ES-1001   | 1        | FRAME HEAD                                    | 6063-T6   | -                        |
| 2      | ES-1002   | 1        | FRAME SILL (STD.)                             | 6063-T6   | -                        |
| 2A     | ES-1101   | 1        | FRAME SILL (HI-RISE)                          | 6063-T6   | -                        |
| 3      | ES-1003A  | 2        | FRAME JAMB                                    | 6005-T5   | -                        |
| 4      | ES-1005   | 1        | FIXED MTG. RAIL (FOR SPRING LATCH)            | 6063-T6   | -                        |
| 4A     | ES-1051   | 1        | FIXED MTG. RAIL (FOR SWEEP LATCH)             | 6063-T6   | -                        |
| 5      | ES-1004   | 1        | STD. VENT TOP RAIL (FOR SPRING LATCH)         | 6063-T6   | -                        |
| 5A     | ES-2004   | 1        | HEAVY DUTY VENT TOP RAIL (FOR SPRING LATCHES) | 6063-T6   | -                        |
| 5A.1   | ES-2004A  | 1        | HEAVY DUTY VENT TOP RAIL (FOR SPRING LATCHES) | 6063-T6   | ALTERNATE TO 5A          |
| 5B     | ES-1052   | 1        | STD. VENT TOP RAIL (FOR SWEEP LATCH)          | 6063-T6   | -                        |
| 5C     | ES-1053   | 1        | HEAVY DUTY VENT TOP RAIL (FOR SWEEP LATCHES)  | 6063-T6   | -                        |
| 5C.1   | ES-1053A  | 1        | HEAVY DUTY VENT TOP RAIL (FOR SWEEP LATCHES)  | 6063-T6   | ALTERNATE TO 5C          |
| 6      | ES-1006   | 1        | VENT BOTTOM RAIL                              | 6063-T6   | -                        |
| 7      | ES-1007   | 2        | VENT SIDE RAIL                                | 6063-T5   | -                        |
| 8      | ES-1008   | AS RQD.  | GLAZING BEAD                                  | 6063-T6   | -                        |
| 8A     | ES-1103   | AS RQD.  | SQUARE GLAZING BEAD                           | 6063-T5   | -                        |
| 9      | ES-1009   | 2/VENT   | SPRING LOADED VENT LATCH                      | 6063-T5   | AT 6" FROM ENDS          |
| 9A     | 3032      | 2/VENT   | SWEEP LATCH                                   | ZAMAK     | AT 11" FROM ENDS         |
| 9B     | #8 X 1"   | 2/ LATCH | LATCH INSTALLATION SCREWS                     | -         | FH SMS                   |
| 10     | ES-1012   | 1/LATCH  | LATCH SPRING                                  | ST. STEEL | -                        |
| 11     | ES-1010   | AS REQD. | GLAZING WEDGE                                 | SOFT PVC  | DUROMETER 70±5 SHORE 'A' |
| 11A    | ES-5008A  | AS REQD. | GLAZING GASKET                                | EPDM      | DUROMETER 65±5 SHORE 'A' |
| 12     | #8 X 1"   | 20       | FRAME & VENT ASSEMBLY SCREWS                  | CRS       | PH SMS                   |
| 13     | ES-1011   | 2/VENT   | SASH CAM                                      | CELCON    | -                        |
| 14     | 43620-187 | AS REQD. | PILE W'STRIPPING WITH PLASTIC FIN             | -         | AMESBURY OR EQUIV.       |
| 15     | Q300X190  | AS REQD. | FRAME SILL W'STRIPPING                        | -         | Q-LON2                   |
| 16     | -         | 2/ VENT  | BLOCK & TACKLE BALANCE                        | -         | SERIES 120 BY BSI        |
| 17     | -         | 2/ VENT  | SPIRAL BALANCE                                | -         | -                        |
| 18     | ES-1013   | 2        | SASH STOP                                     | -         | -                        |
| 19     | ES-1505   | -        | FLUSH FRAME ADAPTER                           | 6063-T5   | OPTIONAL                 |
| 20     | -         | 1        | 5/16" BOX SCREEN                              | -         | OPTIONAL                 |
| 21     | 27-372    | 2/ LITE  | SETTING BLOCK, 7/16" X 3/16" X 3-1/2" LONG    | EPDM      | DUROMETER 75±5 SHORE A   |



SERIES-1000  
SERIES-1050

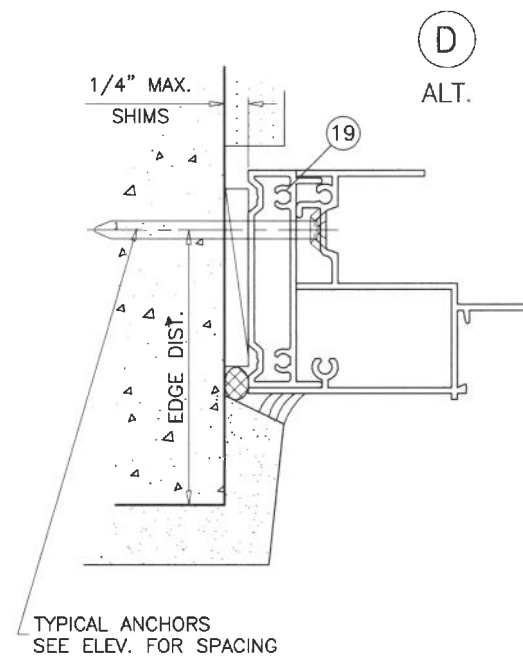
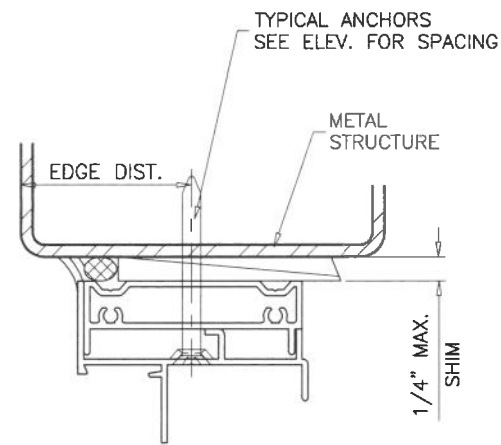
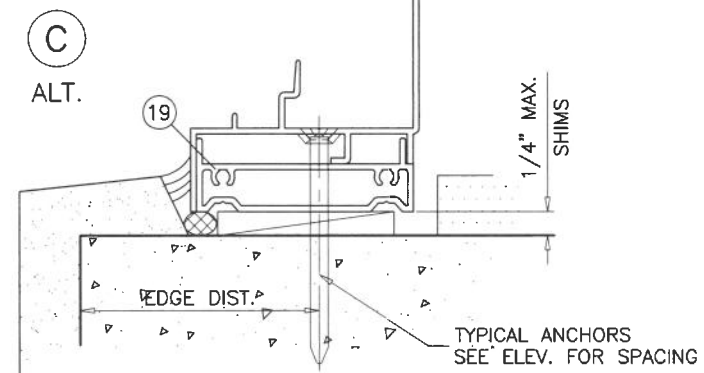
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FL #46884



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(C.A.N. 3538)

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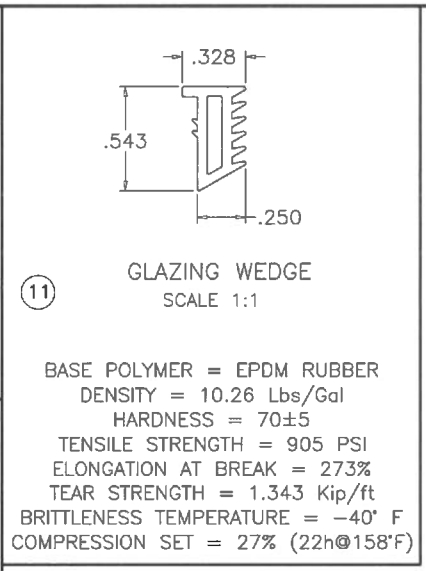
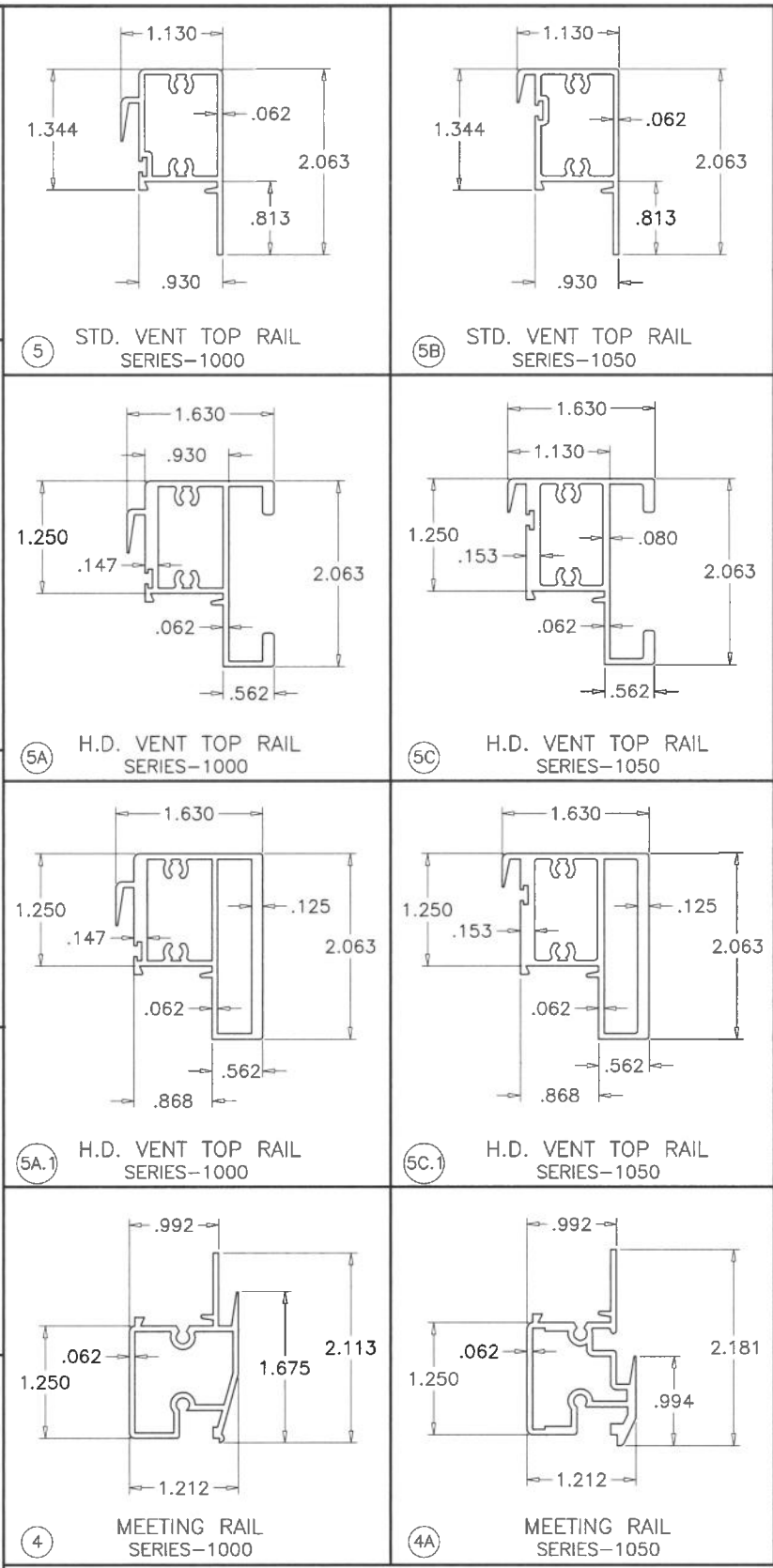
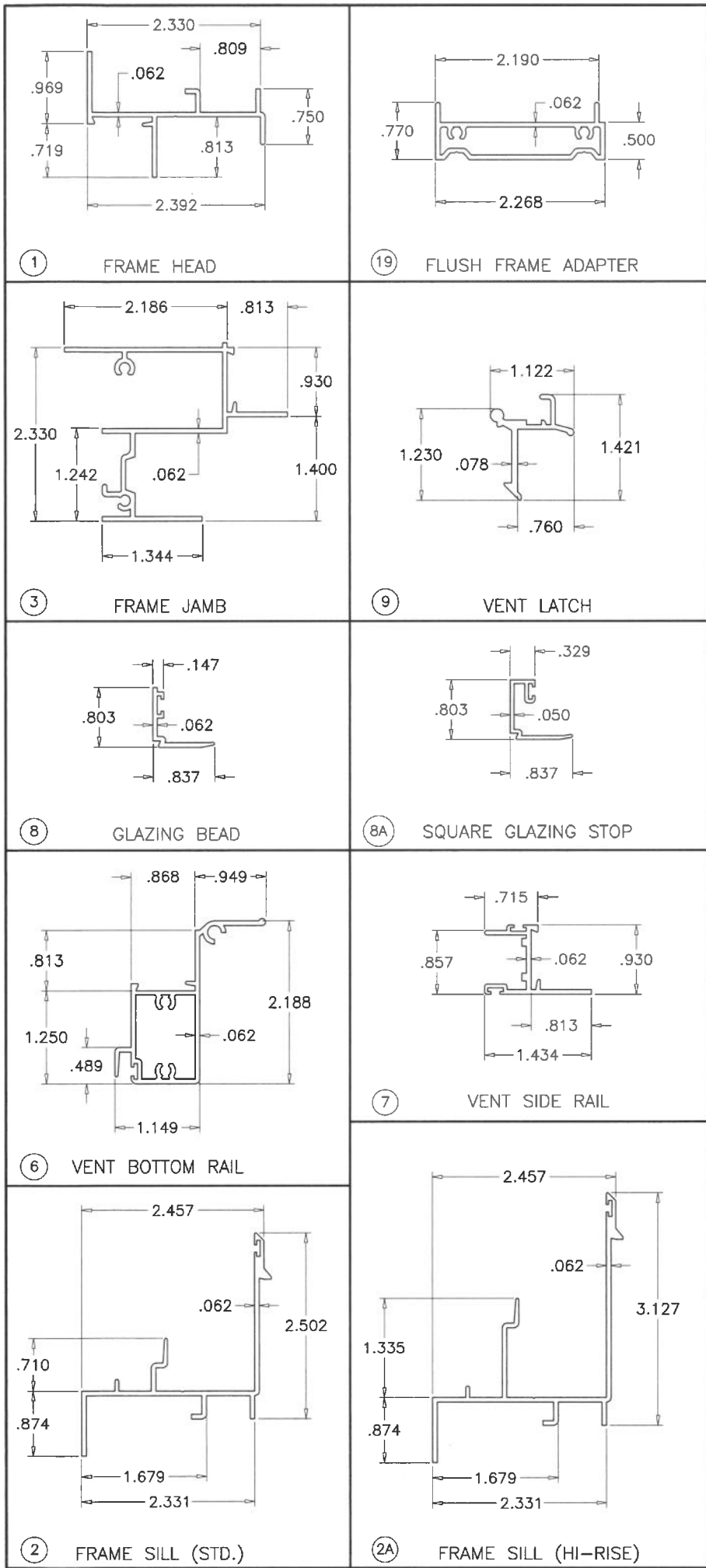
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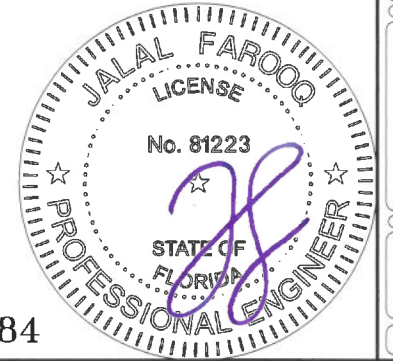
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drawing no. 25-67F

sheet 6 of 8



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FL #46884

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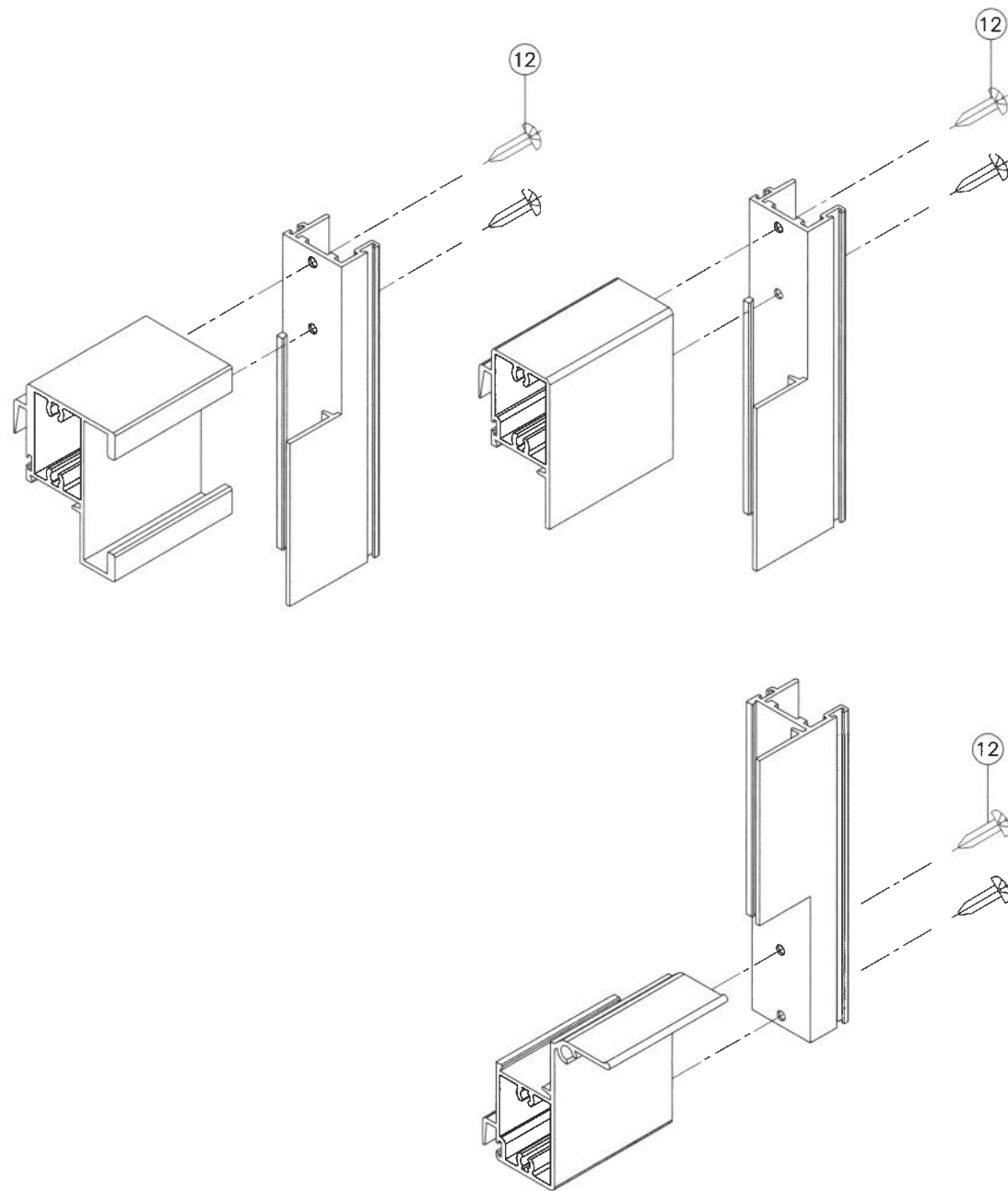
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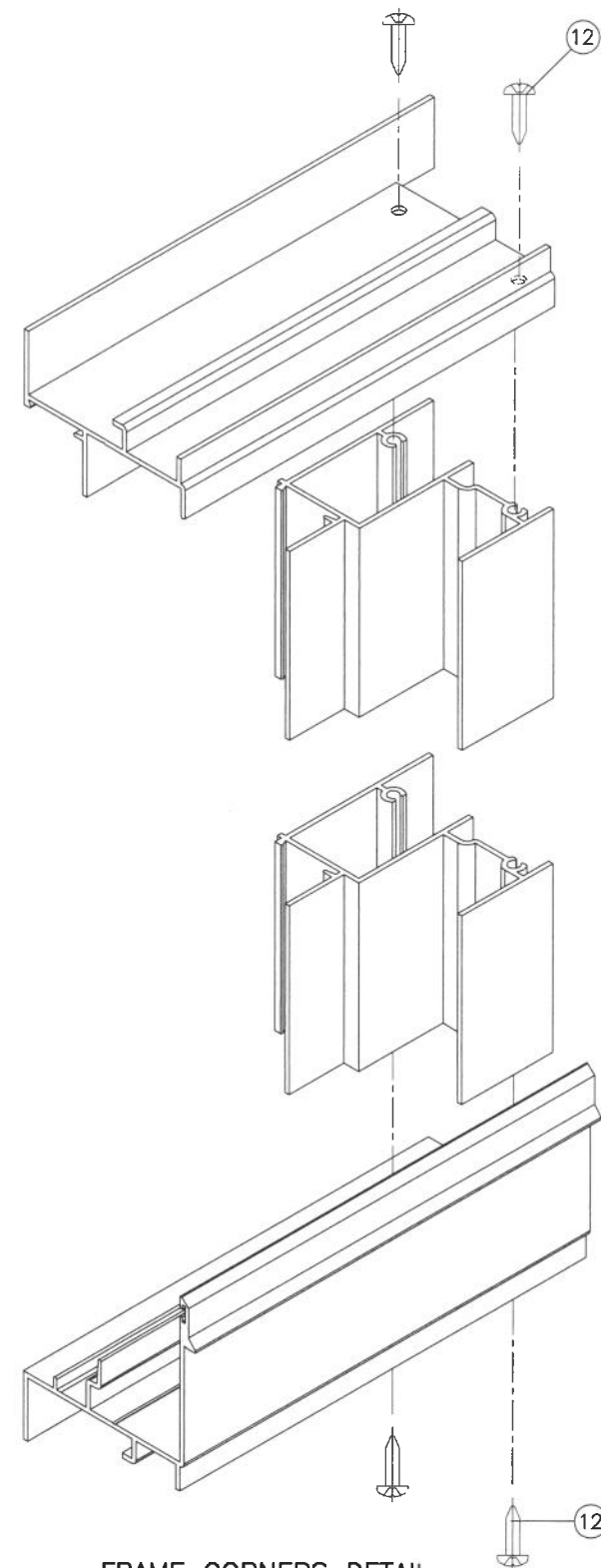
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**25-67F**

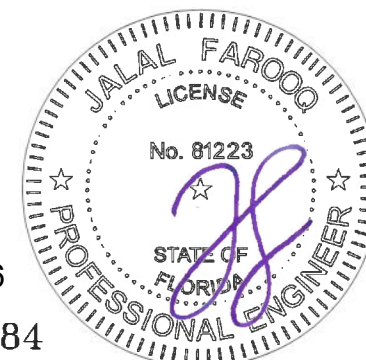
sheet 7 of 8



VENT CORNER DETAIL



FRAME CORNERS DETAIL



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FL #46884

**af c**  
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**25-67F**  
 sheet 8 of 8

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