

**SERIES 7610 THERMALLY BROKEN  
ALUMINUM SINGLE HUNG WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 AND 3.

APPROVAL APPLIES TO SINGLE UNITS, SIDE BY SIDE UNITS OR TOP & BOTTOM 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.

ALSO SIDE BY SIDE COMBINATIONS OF S.H./S.H. IN MODULES OF TWO OR MORE WINDOWS WITH WINDOW FRAME JOINT ADAPTERS. SEE SHEET 7 FOR SIDE BY SIDE FRAME JOINTS CAPACITY.

ALSO TOP & BOTTOM COMBINATIONS OF S.H./S.H. IN MODULES OF TWO OR MORE WINDOWS WITH WINDOW FRAME JOINT ADAPTERS. SEE SHEET 8 FOR TOP & BOTTOM FRAME JOINTS CAPACITY.

LOWER DESIGN PRESSURE FROM WINDOWS CAPACITY CHART, SEPARATE MULLION APPROVAL OR FRAME JOINT CAPACITY CHARTS WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA BUILDING CODE FOR NON HIGH VELOCITY HURRICANE ZONE.

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.

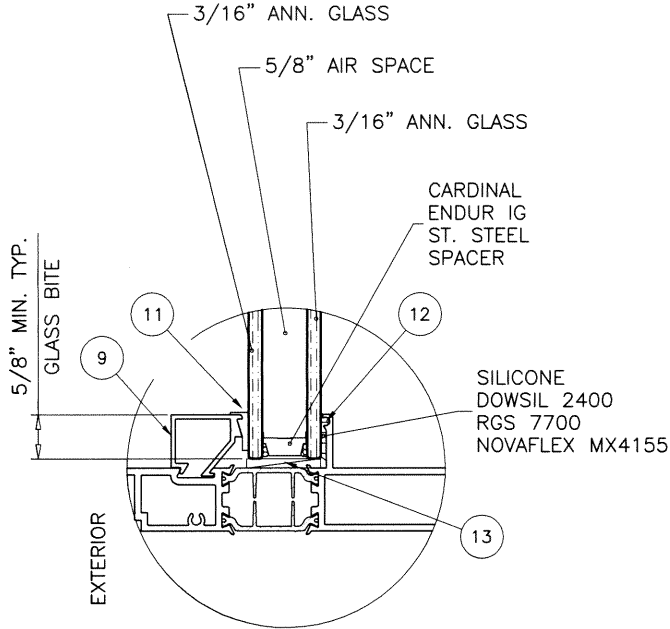
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017/2020 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.



**GLAZING DETAIL**  
1" OVERALL INSUL. GLASS

THESE WINDOWS ARE NOT RATED FOR IMPACT.  
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

**INSULATING GLASS  
NON IMPACT**

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- 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.



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\19-15F-WWS

Series 7610 Aluminum Single Hung Window (N.I.)

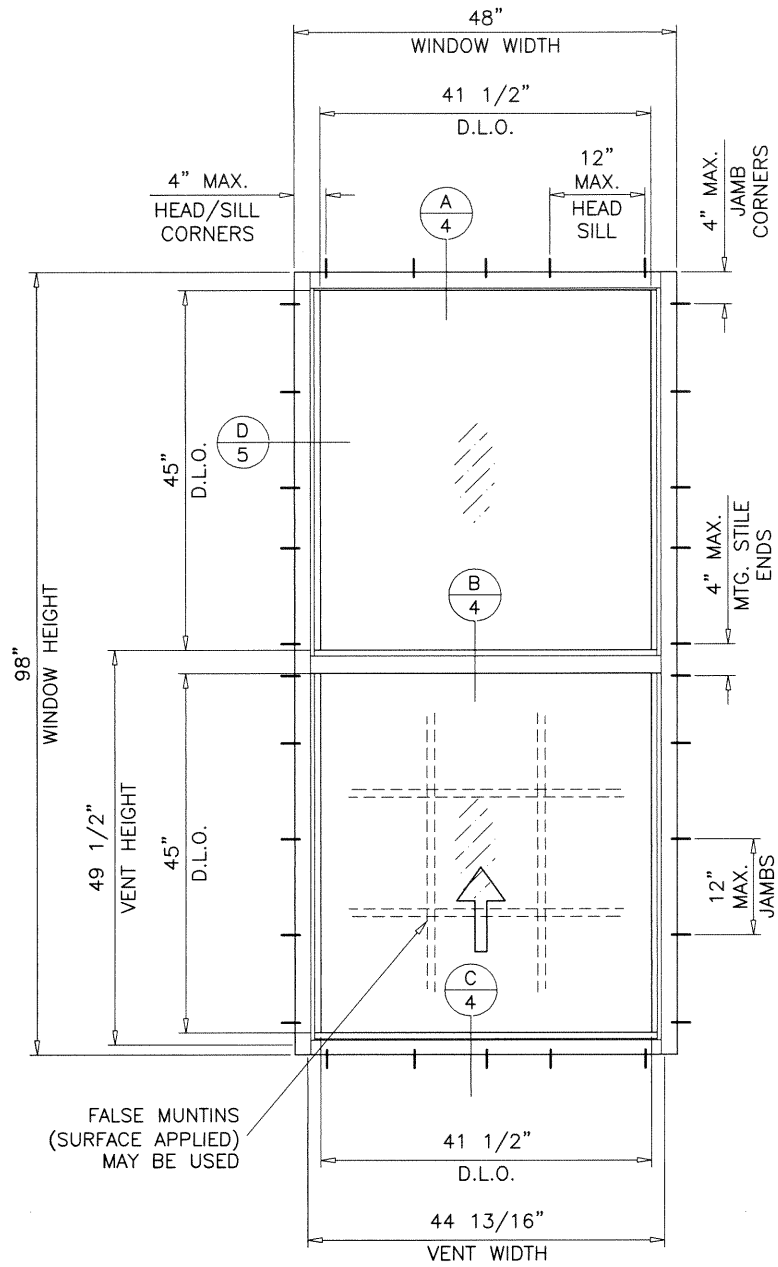
**Western Window Systems**  
2200 E. Riverview Drive  
Phoenix, AZ. 85034  
Tel: (877) 268-1300 Fax: (876) 000-0000

| revisions: | no. | date     | by | description         |
|------------|-----|----------|----|---------------------|
|            | A   | 09.28.20 |    | UPDATED TO 2020 FBC |
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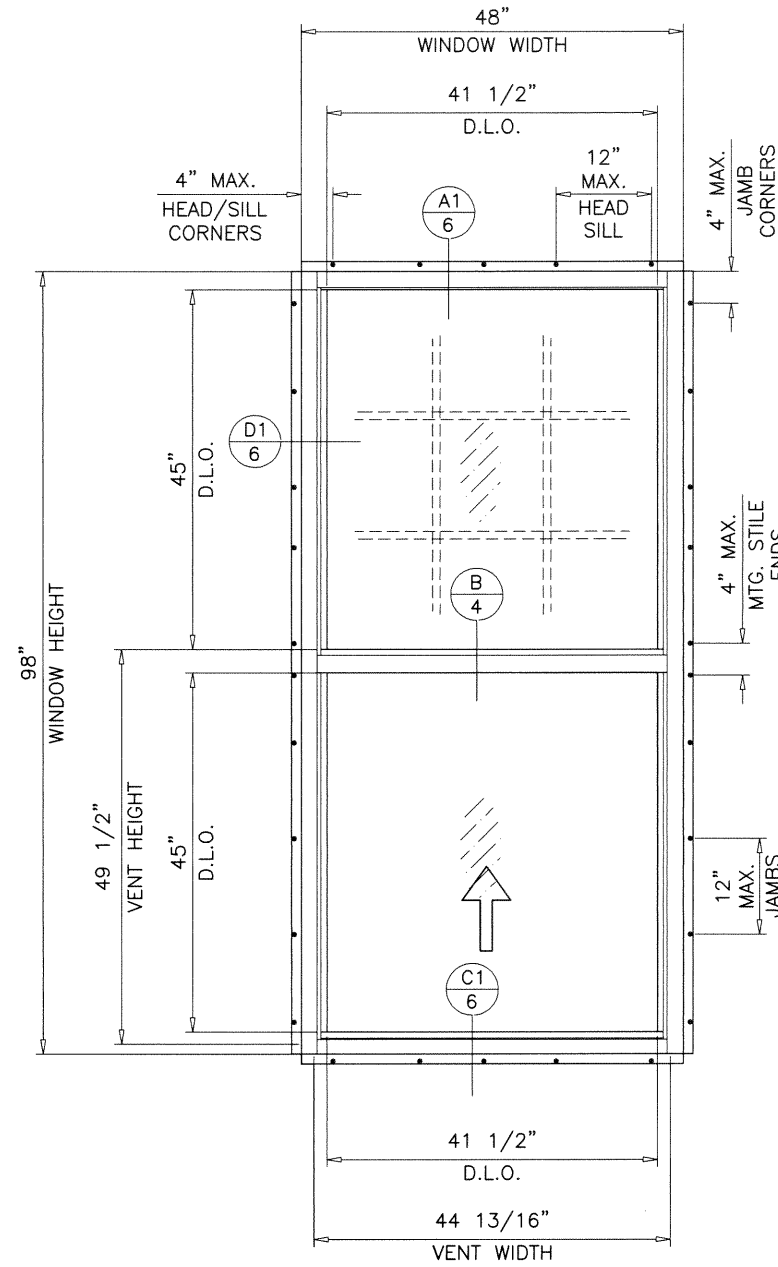
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| date: 03-06-19     | scale: 3/8" = 1" | dr. by: TARIQ | chk. by: |
| drawing no. 19-15F |                  |               |          |
| sheet 1 of 11      |                  |               |          |

| EQUAL LITES WINDOWS<br>DESIGN LOAD CAPACITY - PSF |         |                            |         |
|---------------------------------------------------|---------|----------------------------|---------|
| FRAME DIMS.                                       |         | 1" OVERALL<br>INSUL. GLASS |         |
| WIDTH                                             | HEIGHT  | EXT.(+)                    | INT.(-) |
| 19-1/8"                                           | 26"     | 65.5                       | 75.2    |
| 26-1/2"                                           |         | 65.5                       | 75.2    |
| 37"                                               |         | 65.5                       | 75.2    |
| 19-1/8"                                           | 38-3/8" | 65.5                       | 75.2    |
| 26-1/2"                                           |         | 65.5                       | 75.2    |
| 37"                                               |         | 65.5                       | 75.2    |
| 19-1/8"                                           | 50-5/8" | 65.5                       | 75.2    |
| 26-1/2"                                           |         | 65.5                       | 75.2    |
| 37"                                               |         | 65.5                       | 75.2    |
| 19-1/8"                                           | 56"     | 65.5                       | 75.2    |
| 26-1/2"                                           |         | 65.5                       | 75.2    |
| 37"                                               |         | 65.5                       | 75.2    |
| 19-1/8"                                           | 63"     | 65.5                       | 75.2    |
| 26-1/2"                                           |         | 65.5                       | 75.2    |
| 37"                                               |         | 65.5                       | 75.2    |
| 19-1/8"                                           | 72"     | 65.5                       | 75.2    |
| 26-1/2"                                           |         | 65.5                       | 75.2    |
| 37"                                               |         | 65.5                       | 75.2    |
| 19-1/8"                                           | 76"     | 65.5                       | 75.2    |
| 26-1/2"                                           |         | 65.5                       | 75.2    |
| 37"                                               |         | 65.5                       | 75.2    |

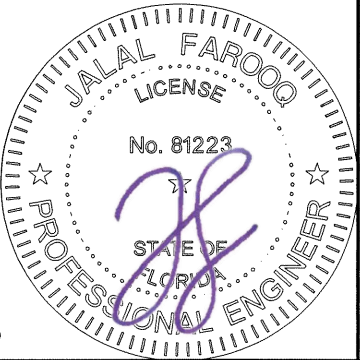
| EQUAL LITES WINDOWS<br>DESIGN LOAD CAPACITY - PSF |        |                            |         |
|---------------------------------------------------|--------|----------------------------|---------|
| FRAME DIMS.                                       |        | 1" OVERALL<br>INSUL. GLASS |         |
| WIDTH                                             | HEIGHT | EXT.(+)                    | INT.(-) |
| 36"                                               | 72"    | 65.5                       | 75.2    |
| 48"                                               |        | 53.8                       | 53.8    |
| 36"                                               | 84"    | 65.5                       | 75.2    |
| 48"                                               |        | 51.2                       | 51.2    |
| 36"                                               | 96"    | 65.5                       | 75.2    |
| 48"                                               |        | 50.4                       | 50.4    |
| 36"                                               | 98"    | 65.5                       | 75.2    |
| 48"                                               |        | 50.4                       | 50.4    |
| 36"                                               | 108"   | 65.5                       | 75.2    |
| 36"                                               | 120"   | 65.5                       | 75.2    |



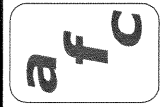
TYPICAL ELEVATION  
FLUSH FRAMES  
EQUAL LITE WINDOWS



TYPICAL ELEVATION  
FIN FRAMES  
EQUAL LITES WINDOWS  
TESTED UNIT



Sealed: 10/2/2020  
FL #29256



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL: (305) 264-8100 FAX: (305) 262-6978  
COMP-ANL\19-15F-WWS

Series 7610 Aluminum Single Hung Window (N.I.)

**Western Window Systems**  
2200 E. Riverview Drive  
Phoenix, AZ. 85034  
Tel: (877) 268-1300 Fax: (876) 000-0000

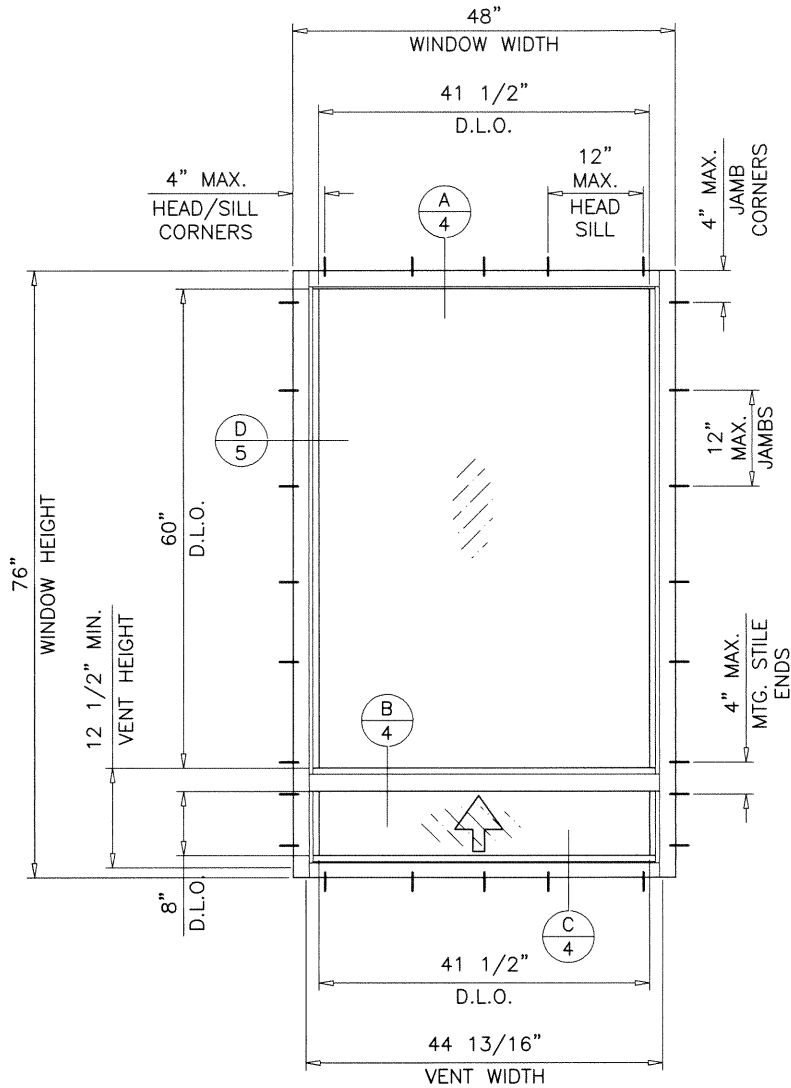
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| chk. by: |            |

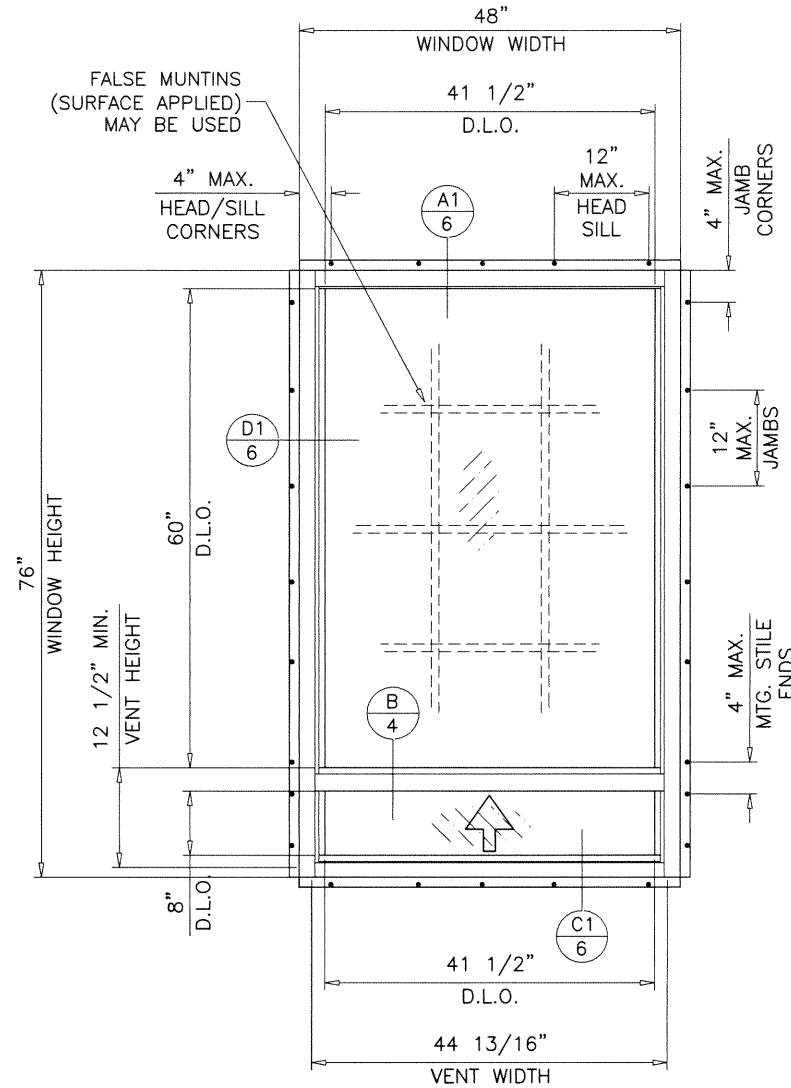
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| drawing no. | 19-15F  |
| sheet       | 2 of 11 |

UNEQUAL LITES (ORIEL TYPE) WDWS.  
DESIGN LOAD CAPACITY - PSF

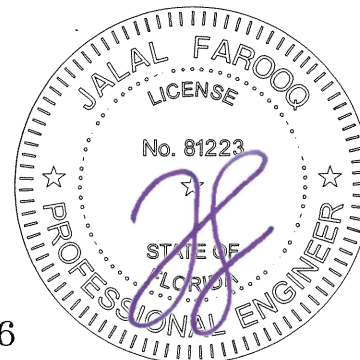
| FRAME DIMS. |         | 1" OVERALL INSUL. GLASS |         |
|-------------|---------|-------------------------|---------|
| WIDTH       | HEIGHT  | EXT.(+)                 | INT.(-) |
| 19-1/8"     | 26"     | 65.5                    | 75.2    |
| 26-1/2"     |         | 65.5                    | 75.2    |
| 37"         |         | 65.5                    | 75.2    |
| 19-1/8"     | 38-3/8" | 65.5                    | 75.2    |
| 26-1/2"     |         | 65.5                    | 75.2    |
| 37"         |         | 65.5                    | 75.2    |
| 19-1/8"     | 50-5/8" | 65.5                    | 75.2    |
| 26-1/2"     |         | 65.5                    | 75.2    |
| 37"         |         | 65.5                    | 75.2    |
| 19-1/8"     | 56"     | 65.5                    | 75.2    |
| 26-1/2"     |         | 65.5                    | 75.2    |
| 37"         |         | 65.5                    | 75.2    |
| 19-1/8"     | 63"     | 65.5                    | 75.2    |
| 26-1/2"     |         | 65.5                    | 75.2    |
| 37"         |         | 65.5                    | 75.2    |
| 19-1/8"     | 72"     | 65.5                    | 75.2    |
| 26-1/2"     |         | 65.5                    | 75.2    |
| 37"         |         | 65.5                    | 75.2    |
| 19-1/8"     | 76"     | 65.5                    | 75.2    |
| 26-1/2"     |         | 65.5                    | 75.2    |



TYPICAL ELEVATION  
FLUSH FRAMES  
UNEQUAL LITES (ORIEL TYPE) WINDOWS



TYPICAL ELEVATION  
FIN FRAMES  
UNEQUAL LITES (ORIEL TYPE) WINDOWS



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**AL-FAROOQ CORPORATION**  
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COMP-ANL 19-15F-WWS

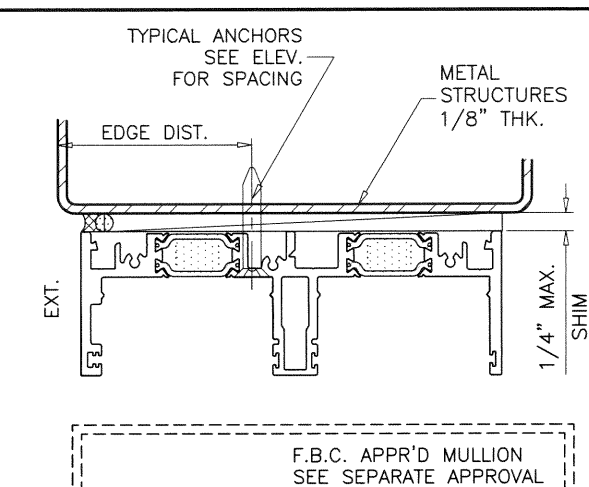
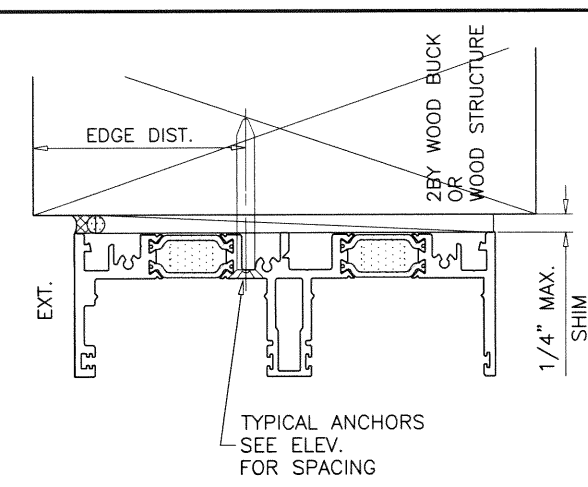
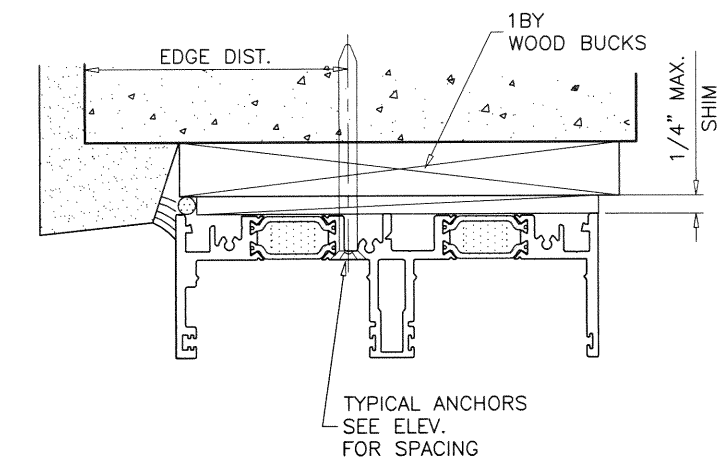
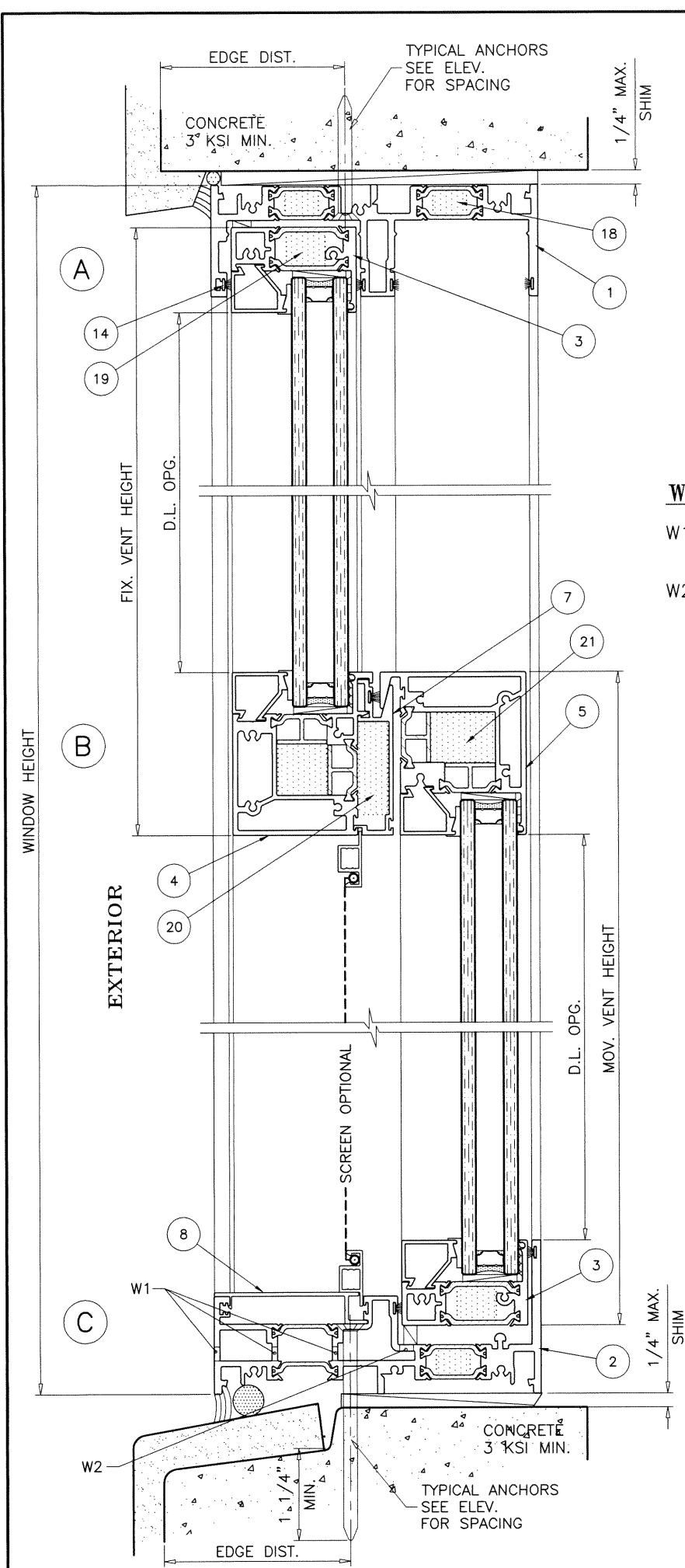
Series 7610 Aluminum Single Hung Window (N.I.)  
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revisions:  
no date by description

date: 03-06-19  
scale: 1/2"=1'-0"  
dr. by: TARIQ  
chk. by:

drawing no.  
**19-15F**  
sheet 3 of 11



### WEEPHOLES:

W1 = 1-1/4 X 1/4" WEEP HOLES WITH PLASTIC WEEP FLAPS AT 6" FROM EACH END.  
W2 = 1" X 1/4" WEEP HOLES AT 5" FROM ENDS.

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

### TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A' - 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 CONCRETE  
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)  
DIRECTLY INTO CONCRETE  
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

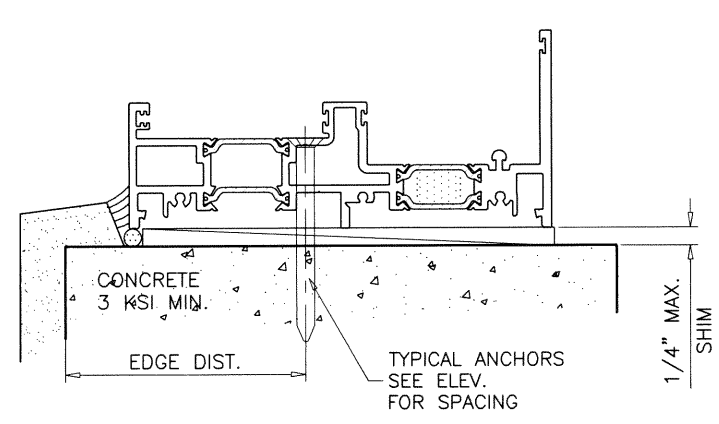
TYPE 'A1' - 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)  
THRU 1BY BUCKS INTO BLOCKS  
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)  
DIRECTLY INTO BLOCKS  
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

TYPE 'B' - 1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)  
INTO F.B.C. APPROVED MULLIONS  
AND  
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)

### CRITICAL EDGE DISTANCE

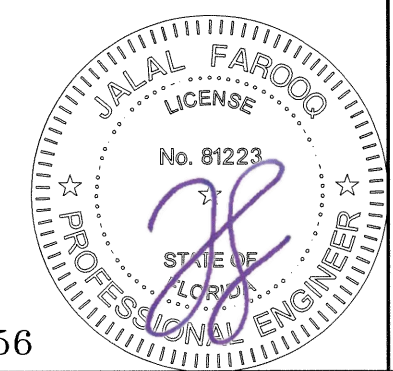
INTO CONCRETE AND BLOCKS = 2-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.  
INTO METAL STRUCTURE = 3/4" MIN.

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: 10/2/2020

FLUSH FRAMES



FL #29256

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

**a f c**  
COMP-ANL 19-15F-WWS

Series 7610 Aluminum Single Hung Window (N.I.)

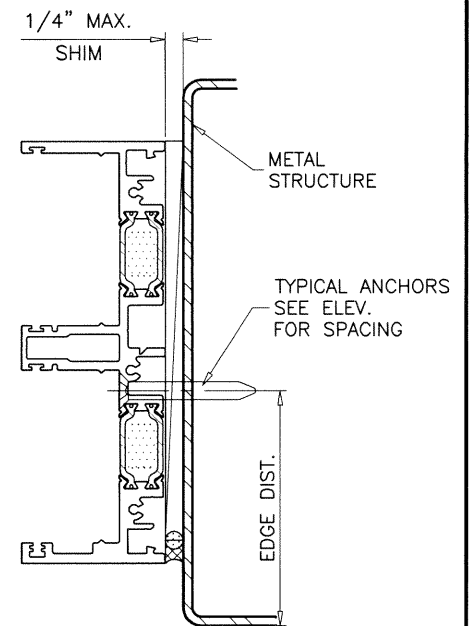
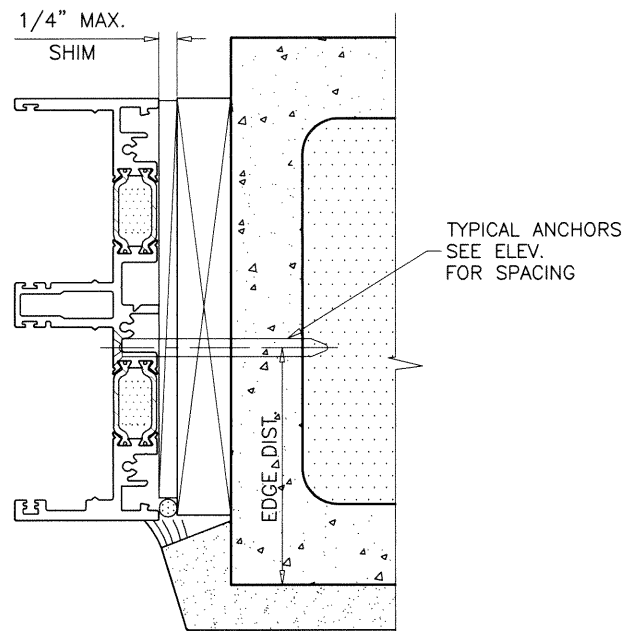
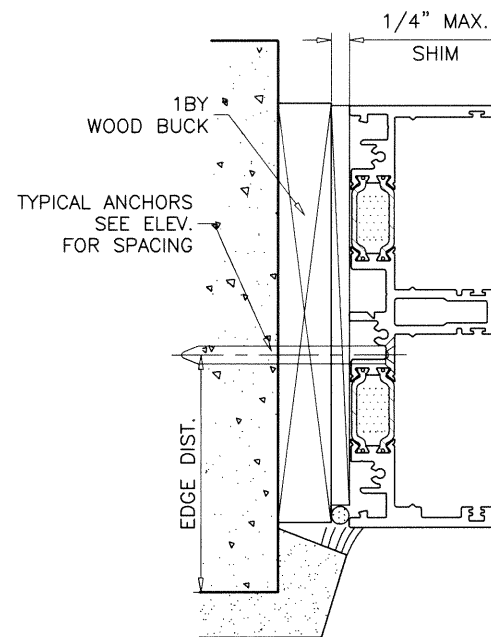
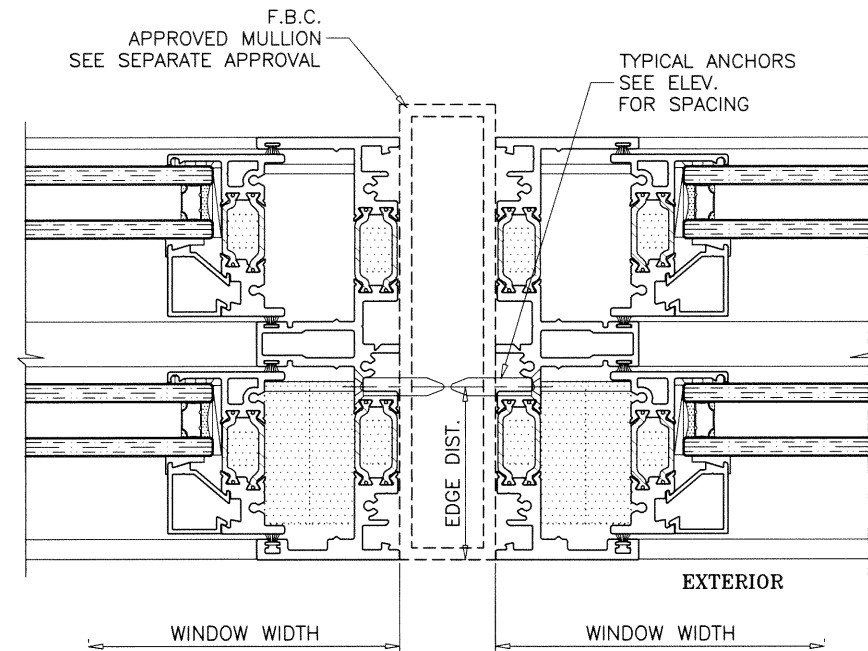
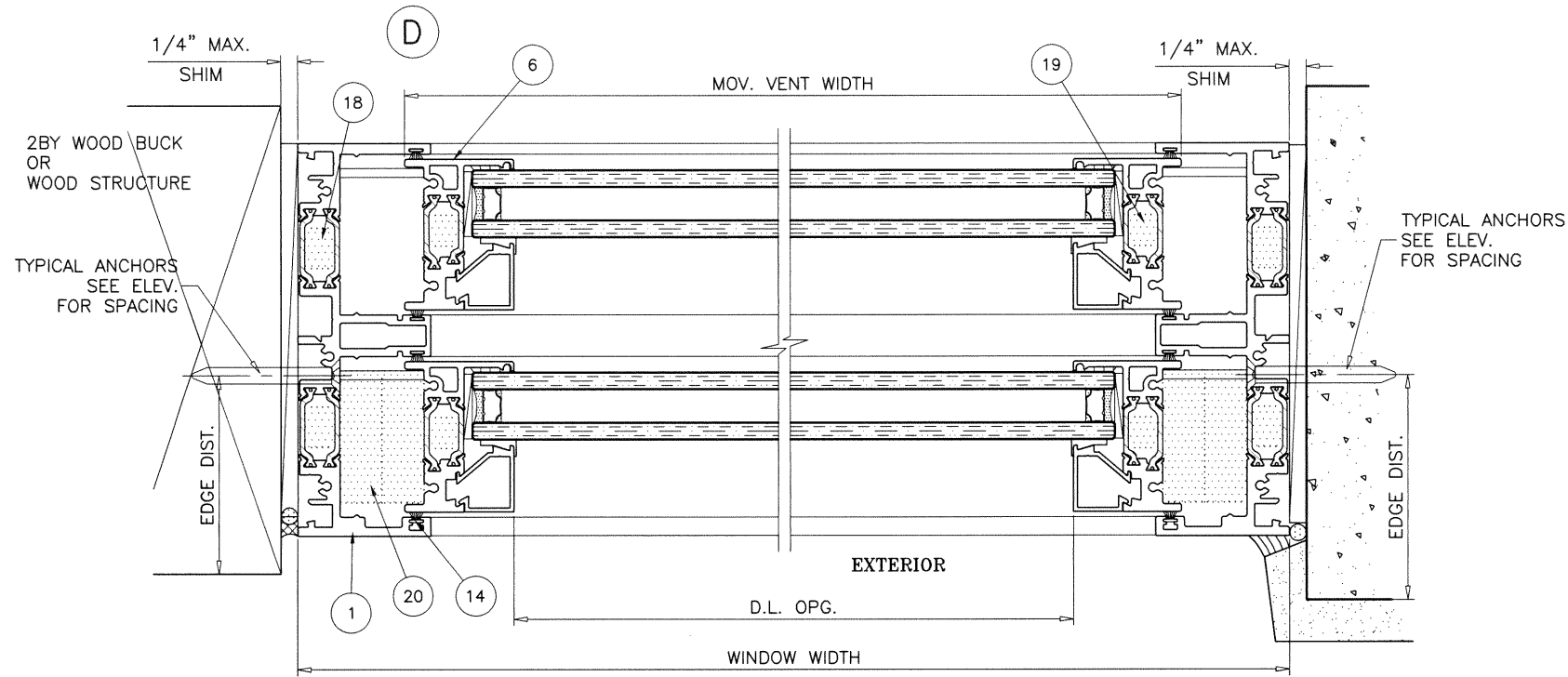
**Western Window Systems**  
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Phoenix, AZ. 85034  
Tel: (877) 268-1300 Fax: (876) 000-0000

date: 03-06-19  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:

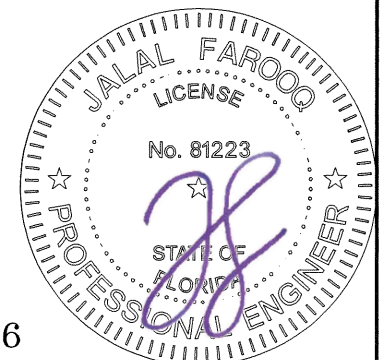
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drawing no.  
**19-15F**  
sheet 4 of 11



FLUSH FRAMES



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FL #29256

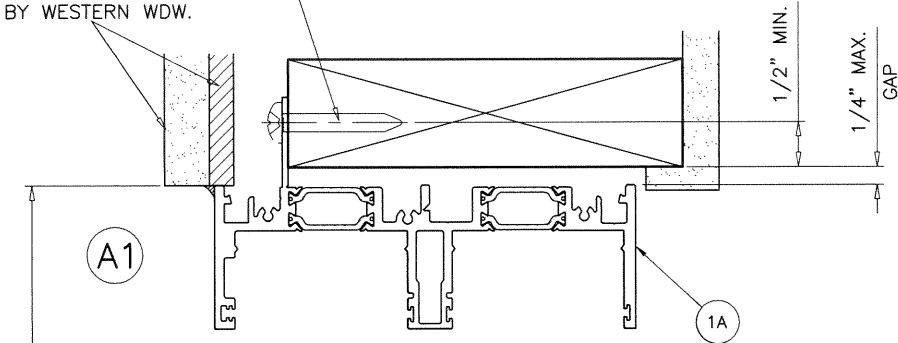
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**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\19-15F-WWS

Series 7610 Aluminum Single Hung Window (N.I.)  
**Western Window Systems**  
2200 E. Riverview Drive  
Phoenix, AZ. 85034  
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| revisions:  | no        | date | by | description |
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| date:       | 03-06-19  |      |    |             |
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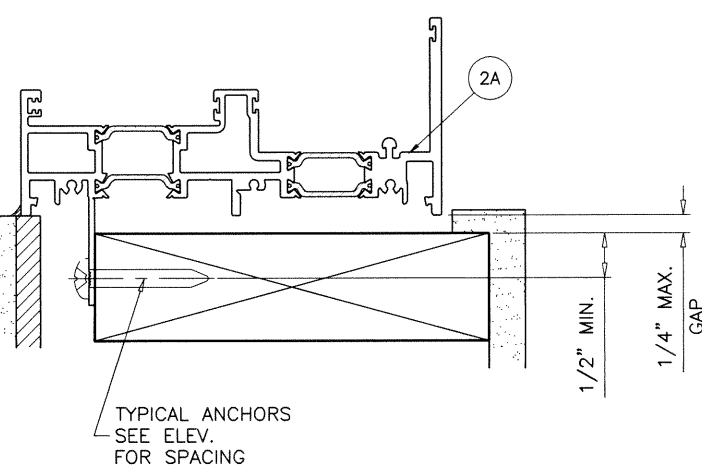
ILLUSTRATIVE DTLs. ONLY  
EXT. OR INT. FINISHES  
NOT BY WESTERN WDW.

TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING



WINDOW HEIGHT  
EXTERIOR

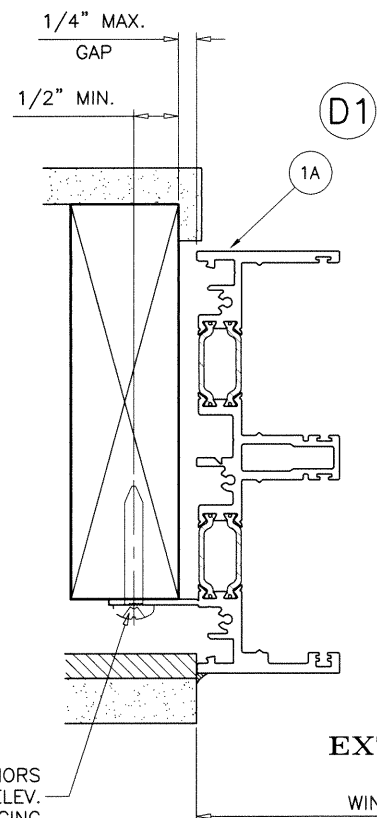
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TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING

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

**#14 WOOD SCREWS** (GRADE 2 CRS)  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-1/2" MIN. PENETRATION INTO WOOD



TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING

EXTERIOR

WINDOW WIDTH

**INSTALLATION DETAILS WITH FIN FRAMES**

SEE SHEETS 5 & 7 FOR WINDOW DETAILS  
SEE SHEET 2 THRU 4 FOR WINDOW CAPACITY

**FIN FRAMES**



Sealed: 10/2/2020

FL #29256

**AL-FAROOQ CORPORATION**  
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COMP-ANL\19-15F-WWS

Series 7610 Aluminum Single Hung Window (N.I.)

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dr. by: TARIQ

chk. by:

| revisions: | no | date | by | description |
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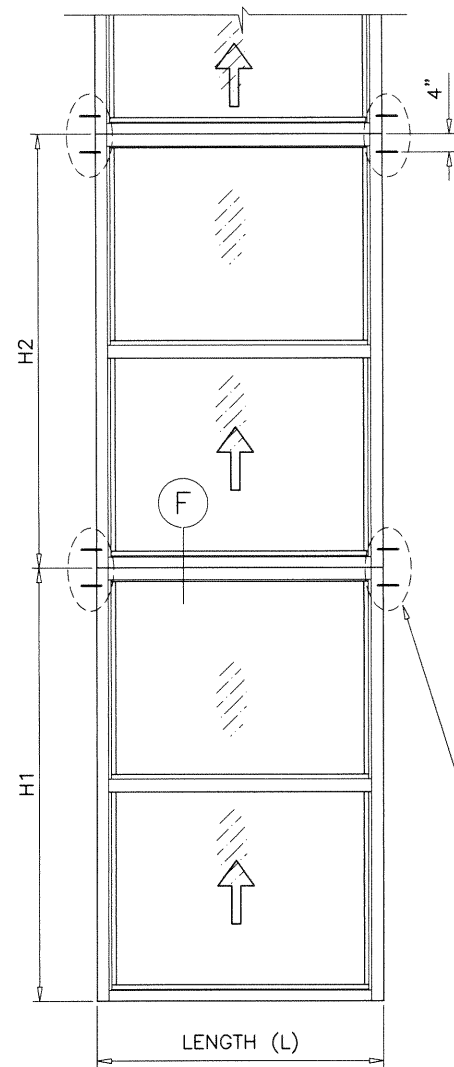
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**19-15F**

sheet 6 of 11

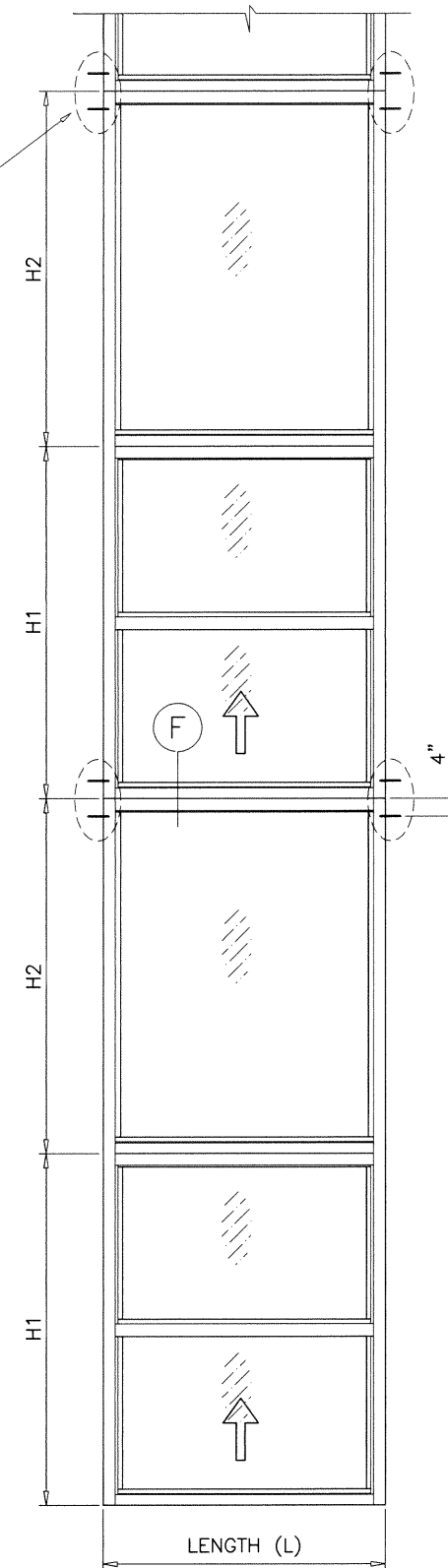
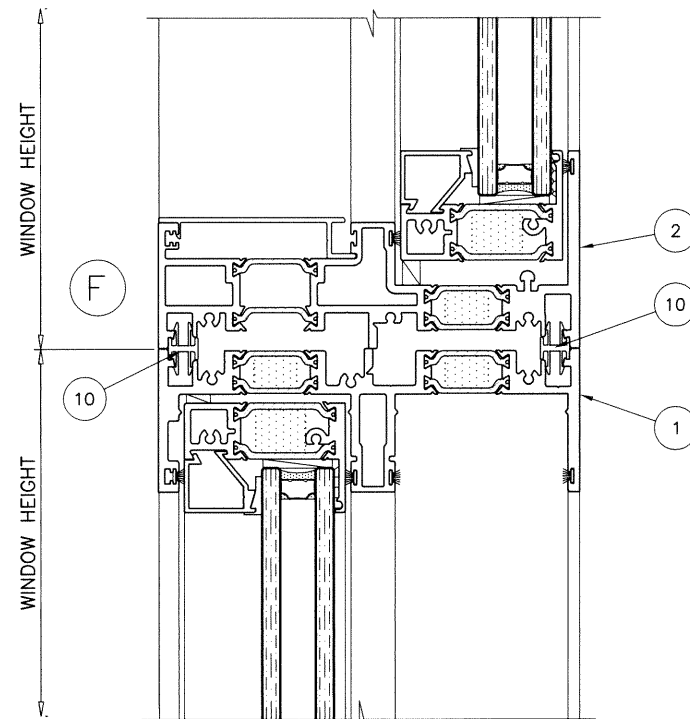




| MULLION LOAD CAPACITY - PSF |            |                    |                                |
|-----------------------------|------------|--------------------|--------------------------------|
| WINDOW DIMS.                |            | HORIZONTAL MULLION | NO. OF ANCHORS AT MULLION ENDS |
| AVG. HEIGHT (H)             | LENGTH (L) | EXT.(+) INT.(-)    |                                |
| 26"                         | 26-1/2"    | 75.2               | 2                              |
|                             | 37"        | 75.2               | 2                              |
| 38-3/8"                     | 26-1/2"    | 75.2               | 2                              |
|                             | 37"        | 75.2               | 2                              |
| 50-5/8"                     | 26-1/2"    | 75.2               | 2                              |
|                             | 37"        | 75.2               | 2                              |
| 63"                         | 26-1/2"    | 75.2               | 2                              |
|                             | 37"        | 75.2               | 2                              |
| 72"                         | 36"        | 75.2               | 2                              |
|                             | 48"        | 53.8               | 2                              |
| 84"                         | 36"        | 75.2               | 2                              |
|                             | 48"        | 51.2               | 2                              |
| 96"                         | 36"        | 75.2               | 2                              |
|                             | 48"        | 50.4               | 2                              |
| 98"                         | 36"        | 75.2               | 2                              |
|                             | 48"        | 50.4               | 2                              |
| 108"                        | 36"        | 75.2               | 2                              |

(2) ANCHORS AT MULLION ENDS

(2) ANCHORS AT MULLION ENDS



| MULLION LOAD CAPACITY - PSF |            |                    |                                |
|-----------------------------|------------|--------------------|--------------------------------|
| WINDOW DIMS.                |            | HORIZONTAL MULLION | NO. OF ANCHORS AT MULLION ENDS |
| AVG. HEIGHT (H)             | LENGTH (L) | EXT.(+) INT.(-)    |                                |
| 26"                         | 26-1/2"    | 69.4               | 2                              |
|                             | 37"        | 69.4               | 2                              |
| 38-3/8"                     | 26-1/2"    | 68.1               | 2                              |
|                             | 37"        | 48.8               | 2                              |
| 50-5/8"                     | 26-1/2"    | 68.1               | 2                              |
|                             | 37"        | 48.8               | 2                              |
| 63"                         | 26-1/2"    | 68.1               | 2                              |
|                             | 37"        | 48.8               | 2                              |
| 72"                         | 36"        | 50.1               | 2                              |
|                             | 48"        | 37.6               | 2                              |
| 84"                         | 36"        | 50.1               | 2                              |
|                             | 48"        | 37.6               | 2                              |
| 96"                         | 36"        | 50.1               | 2                              |
|                             | 48"        | 50.1               | 2                              |
| 102"                        | 36"        | 50.1               | 2                              |

NOTE:  
INDIVIDUAL FIXED LITES NOT TO EXCEED  
24 SQ. FT.  
POSITIVE LOADS NOT TO EXCEED 61.3 PSF  
IN UNITS WITH FIXED LITES.

**TYPICAL ELEVATION**  
TOP & BOTTOM WINDOWS  
APPLIES TO TWO OR MORE WINDOWS  
OPENINGS HEIGHTS NOT TO EXCEED 18 FT. MAX.  
$$\text{AVG. HEIGHT (H)} = \frac{H1 + H2}{2}$$

**TYPICAL ELEVATION**  
TOP & BOTTOM WINDOWS  
APPLIES TO TWO OR MORE WINDOWS  
OPENINGS HEIGHTS NOT TO EXCEED 15 FT. MAX.  
$$\text{AVG. HEIGHT (H)} = \frac{H1 + H2}{2}$$

#### NOTES:

- USE CHART ON THIS SHEET FOR TOP AND BOTTOM CAPACITY OF WINDOW FRAME JOINTS.
  - FOR SINGLE HUNG WINDOW CAPACITY SEE CHART ON SHEET 2.
- LOWER VALUES FROM STEPS 1 OR 2 WILL APPLY TO ENTIRE SYSTEM.  
SEE SHEET 4 FOR ANCHOR DESCRIPTION.

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FL #29256



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(C.A.N. 3538)

Series 7610 Aluminum Single Hung Window (N.I.)

**Western Window Systems**  
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Tel: (877) 268-1300 Fax: (876) 000-0000

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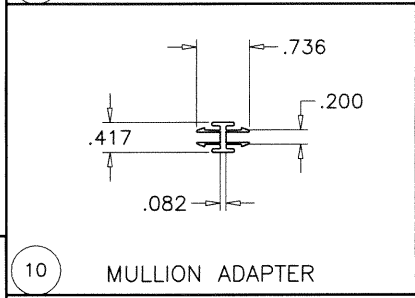
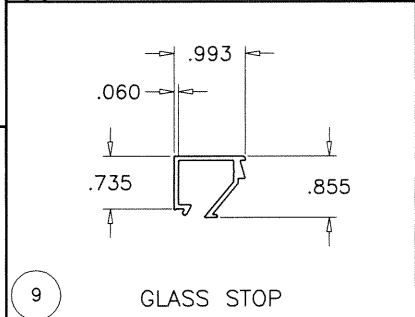
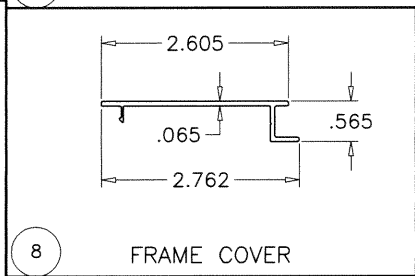
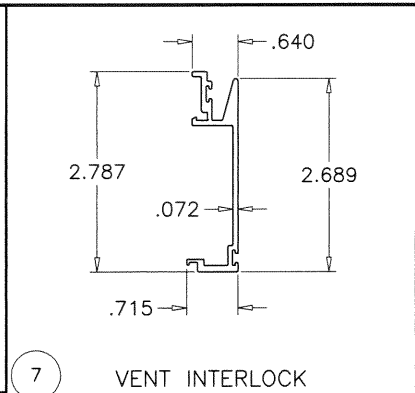
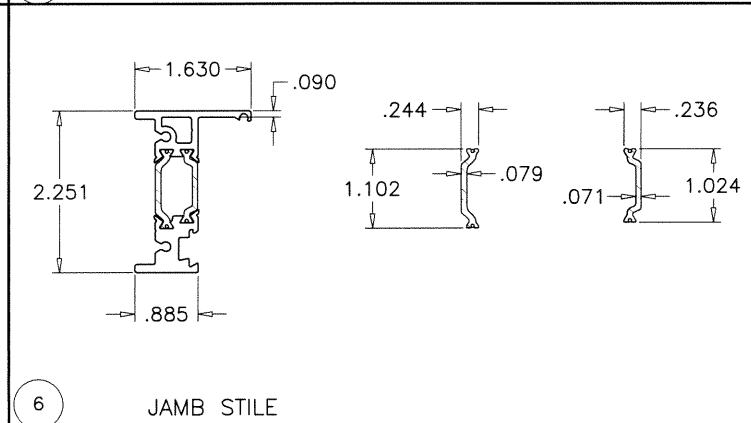
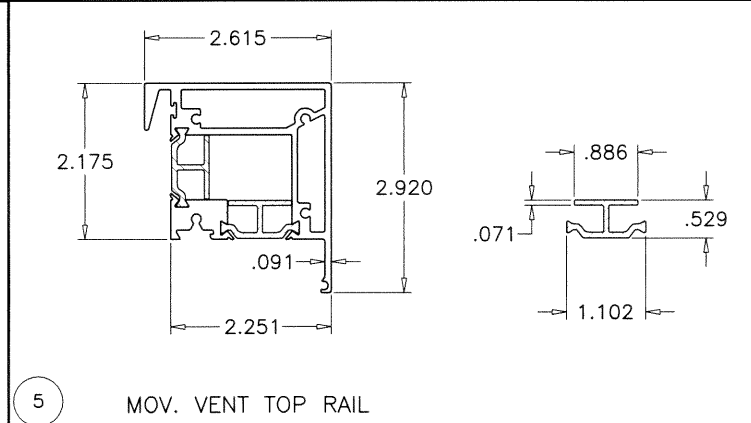
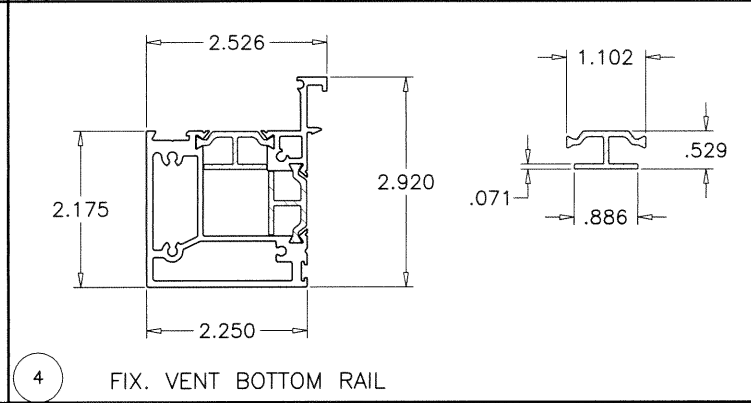
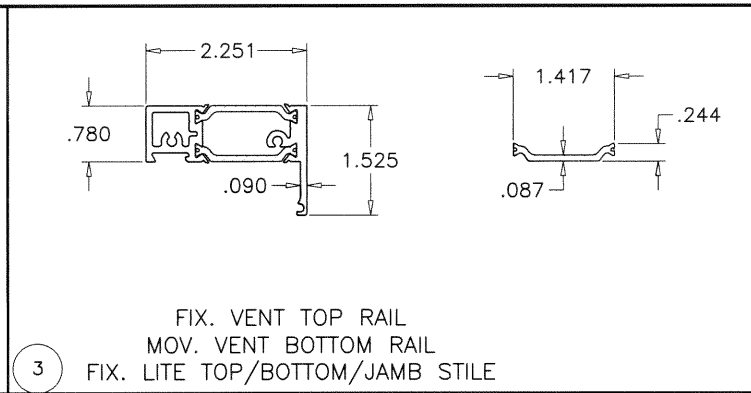
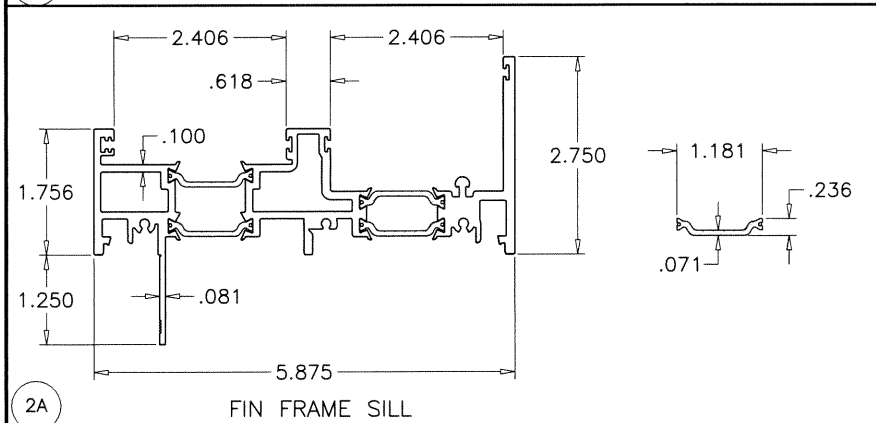
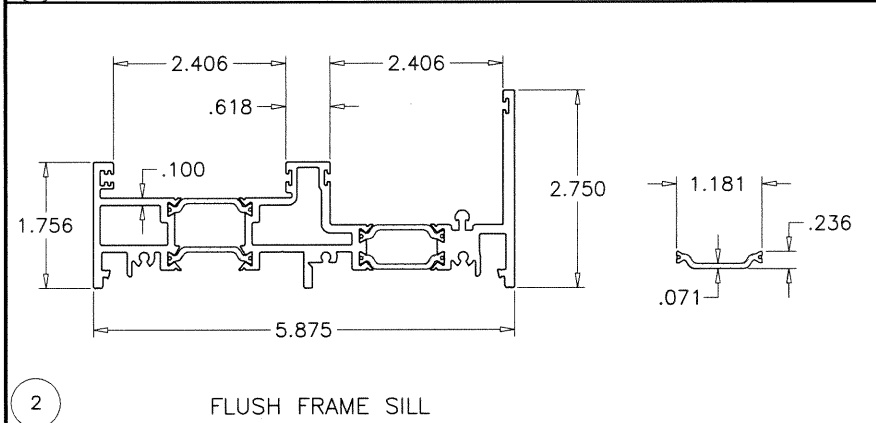
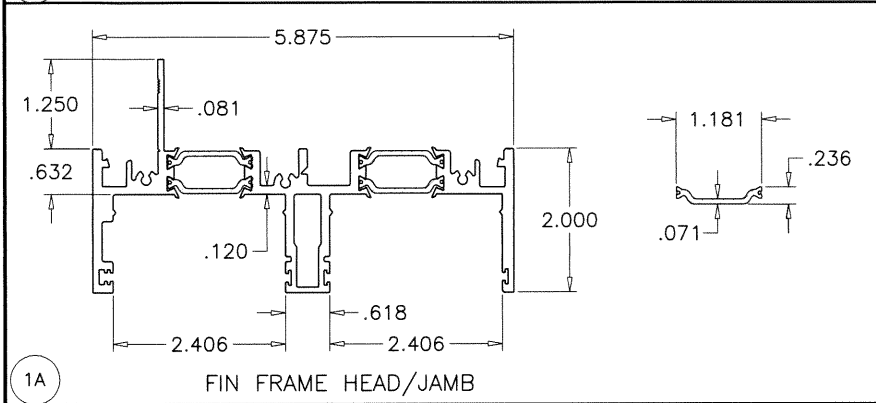
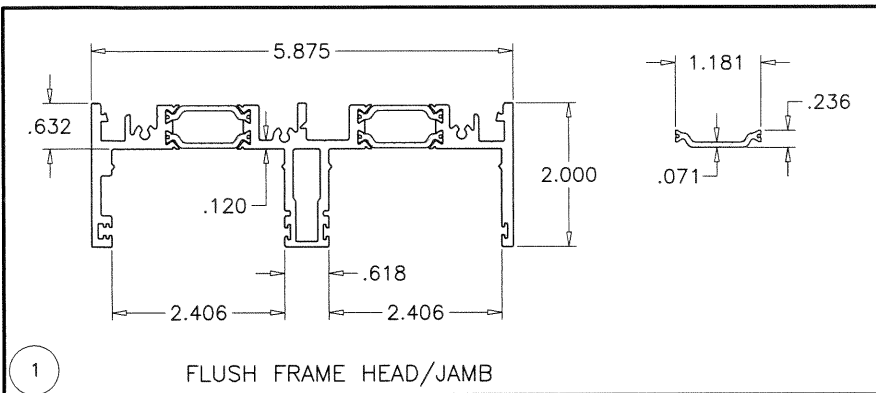
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chk. by:

drawing no. 19-15F

sheet 8 of 11



**INSULBARS**  
 MATERIAL = POLYAMIDE  
 TENSILE STRENGTH = 13031 PSI  
 RATE OF BURN = .752 IN./MIN.  
 SELF IGNITION TEMP. = 793° F  
 FLASH IGNITION TEMP. = 781°C  
 SMOKE DENSITY = 1.63

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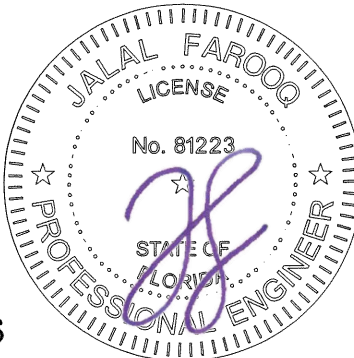
**19-15F**

sheet 9 of 11

| ITEM # | PART #   | QUANTITY | DESCRIPTION                                    | MATERIAL  | MANF./SUPPLIER/REMARKS                |
|--------|----------|----------|------------------------------------------------|-----------|---------------------------------------|
| 1      | EX7635   | AS REQD. | FLUSH FRAME HEAD/JAMB                          | 6063-T6   | -                                     |
| 1A     | EX7635   | AS REQD. | FIN FRAME HEAD/JAMB                            | 6063-T6   | -                                     |
| 2      | EX7641   | 1        | FLUSH FRAME SILL                               | 6063-T6   | -                                     |
| 2A     | EX7641   | 1        | FIN FRAME SILL                                 | 6063-T6   | -                                     |
| 3      | EX7638   | AS REQD. | FIX. VENT TOP/MOV. VENT BOTTOM/FIX. LITE RAIL  | 6063-T6   | -                                     |
| 4      | EX7639   | 1        | FIX. VENT BOTTOM RAIL                          | 6063-T6   | -                                     |
| 5      | EX7640   | 1        | MOV. VENT TOP RAIL                             | 6063-T6   | -                                     |
| 6      | EX7643   | AS REQD. | JAMB STILE                                     | 6063-T6   | -                                     |
| 7      | X7612    | 1        | APPLIED INTERLOCK                              | 6063-T6   | -                                     |
| 8      | E7610    | AS REQD. | FRAME COVER                                    | 6063-T6   | -                                     |
| 9      | E7607    | AS REQD. | GLASS STOP                                     | 6063-T6   | -                                     |
| 10     | E7661    | AS REQD. | MULLION ADAPTER                                | 6063-T6   | -                                     |
| 11     | W12512   | AS REQD. | GALZING GASKET (EXTERIOR)                      | EPDM      | OPTIONAL, SEE SHEET 3 FOR LIMITATIONS |
| 12     | W7600    | AS REQD. | 3mm CHORD STOCK (INTERIOR)                     | EPDM      | -                                     |
| 13     | H2212    | 2/ LITE  | SETTING BLOCK, AT 1/4 POINTS                   | EPDM      | DUROMETER 80±5 SHORE A                |
| 14     | W3623    | AS REQD. | FRAME W'STRIPPING (POLYPILE WITH CENTER FIN)   | -         | -                                     |
| 15     | F5033SSS | AS REQD. | ASSEMBLY FASTENERS                             | ST. STEEL | #6 X 3/4" TH SMS                      |
| 16     | -        | -        | VENT LATCH                                     | -         | -                                     |
| 17     | -        | -        | SPIRAL BALANCE                                 | -         | -                                     |
| 18     | H8760    | AS REQD. | HEAD/JAMB/SILL FOAM (POLYSTYRENE EXPANDED)     | -         | CENTRAL PLASTICS                      |
| 19     | H8761    | AS REQD. | TOP RAIL AND STILE FOAM (POLYSTYRENE EXPANDED) | -         | CENTRAL PLASTICS                      |
| 20     | H8762    | AS REQD. | FILLER FOAM (POLYSTYRENE EXPANDED)             | -         | CENTRAL PLASTICS                      |
| 21     | H8763    | AS REQD. | FIXED MTG. STILE FOAM (POLYSTYRENE EXPANDED)   | -         | CENTRAL PLASTICS                      |
| 22     | H7599    | AS REQD. | MULL BAR JAMB FILLER BLOCK                     | -         | -                                     |
| 23     | H42      | AS REQD. | FIXED PANEL BRACKET                            | -         | FINE LINE LASER CASTING               |

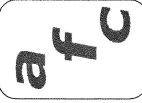
SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER OF GLAZING BEAD TO FRAME SEALED WITH SILICONE SEALANT.



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FL #29256



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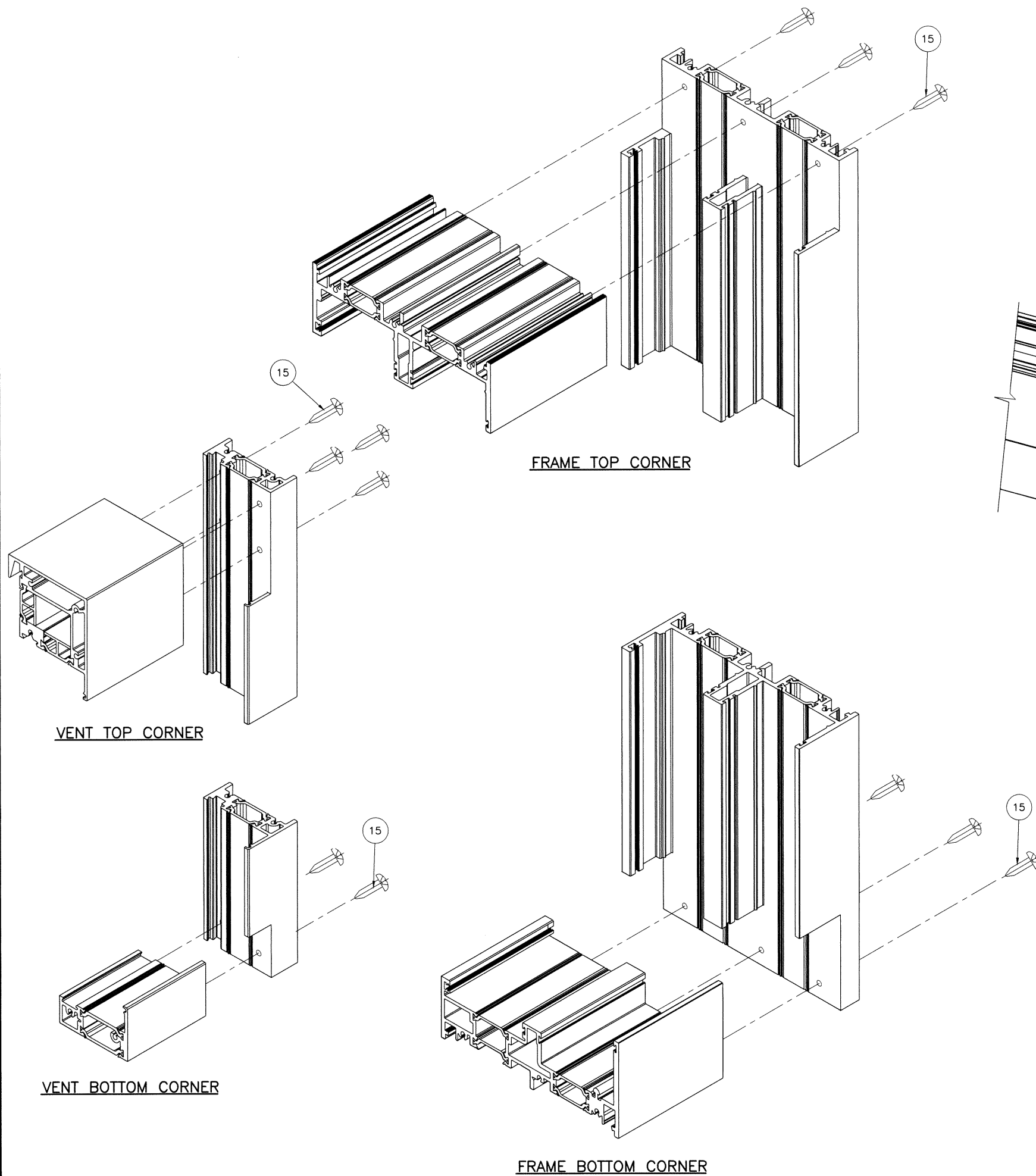
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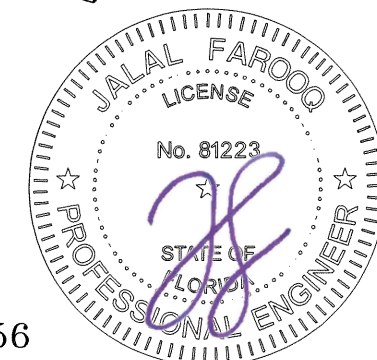
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| sheet 10 of 11 |        |



FRAME MULLION CORNER



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**19-15F**

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