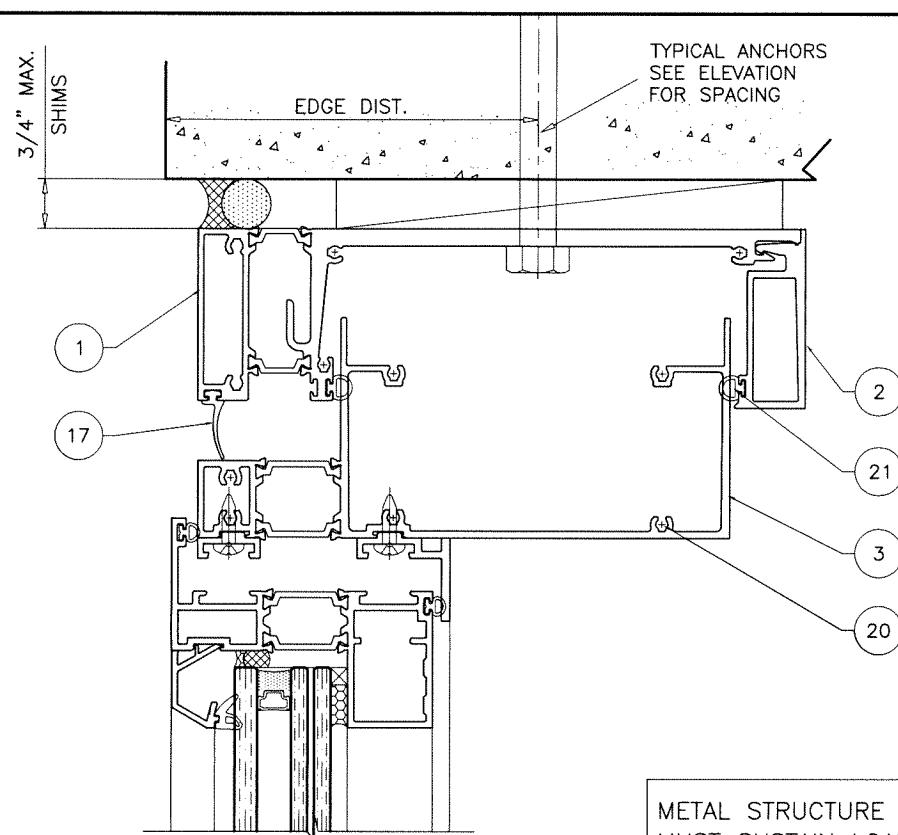
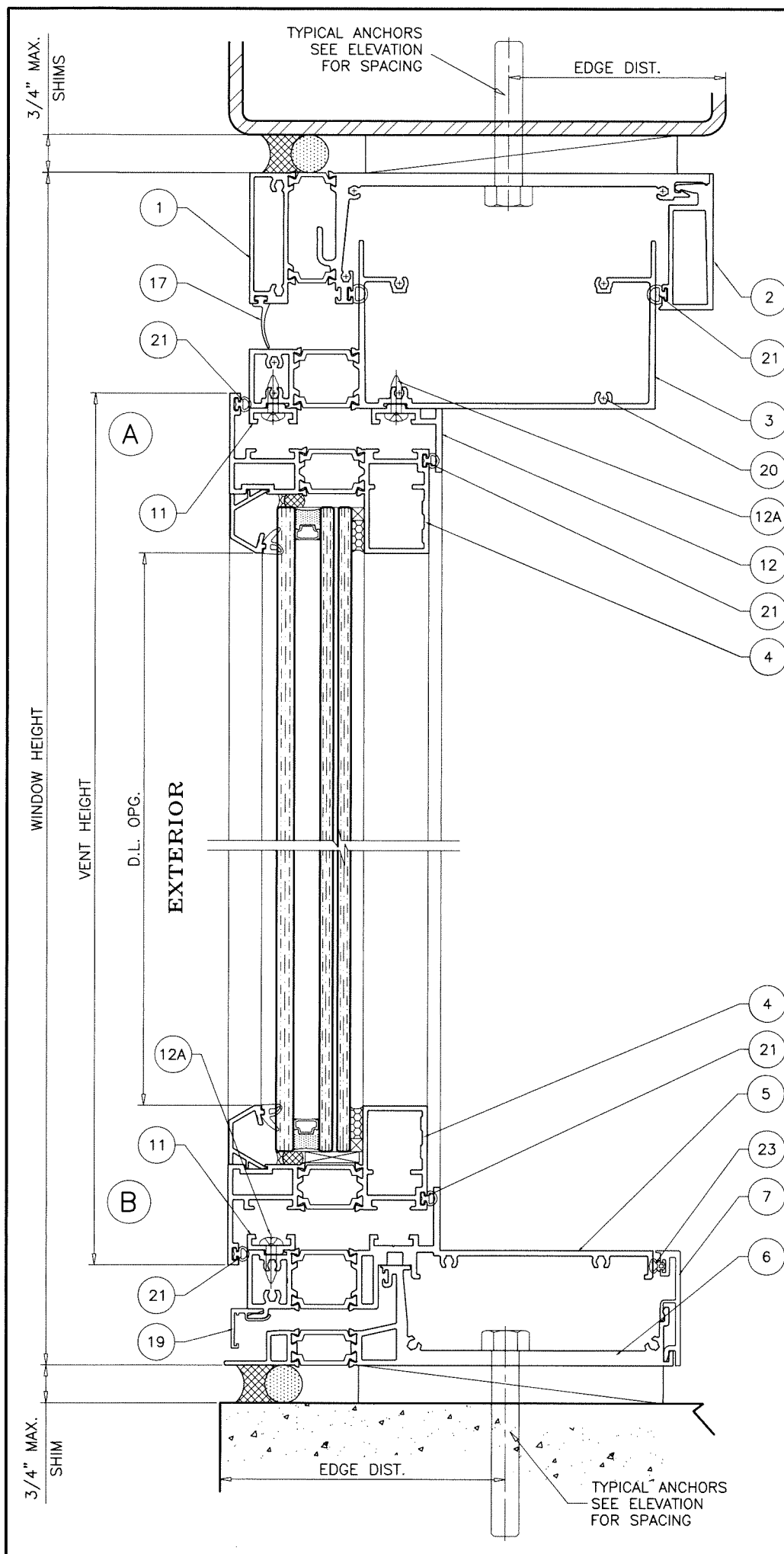






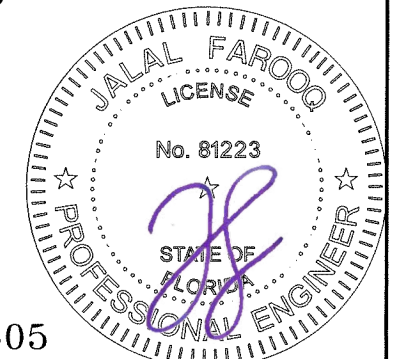
METAL STRUCTURE NOT BY 'REFLECTION WDW.'  
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM  
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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

- TYPE 'A' - 1/2" DIA. SCREW-BOLT+ BY 'DEWALT'**  
 INTO 3000 PSI MIN. CONCRETE (HEAD/SILL/JAMBS)  
 2-1/2" MIN. EMBED  
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING  
 3-1/2" MIN. EDGE DISTANCE  
 INTO C-90 GROUT FILLED BLOCKS (JAMBS)  
 2-1/2" MIN. EMBED  
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING  
 2-5/8" MIN. EDGE DISTANCE
- TYPE 'B' - 1/2" DIA. KH-EZ BY 'HILTI'**  
 INTO 3000 PSI MIN. CONCRETE (HEAD/SILL/JAMBS)  
 3" MIN. EMBED  
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING  
 3-1/2" MIN. EDGE DISTANCE  
 INTO C-90 GROUT FILLED BLOCKS (JAMBS)  
 2-1/4" MIN. EMBED  
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING  
 1-3/4" MIN. EDGE DISTANCE
- TYPE 'C' - 1/2" DIA. MACHINE SCREWS (GRADE 5 CRS)**  
 INTO METAL STRUCTURES  
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS  
 3/4" MIN. EDGE DISTANCE  
 1/8" THK. MIN. ALUMINUM (6063-T6)  
 1/8" THK. MIN. STEEL (Fy = 36 KSI MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

- TYPE 'AA' - 1/2" DIA. SCREW-BOLT+ BY 'DEWALT'**  
 INTO 5000 PSI MIN. CONCRETE (HEAD/SILL/JAMBS)  
 2-1/2" MIN. EMBED  
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING  
 2" MIN. EDGE DISTANCE
- TYPE 'BB' - 1/2" DIA. KH-EZ BY 'HILTI'**  
 INTO 5000 PSI MIN. CONCRETE (HEAD/SILL/JAMBS)  
 3" MIN. EMBED  
 4" MIN. CENTERLINE-TO-CENTERLINE SPACING  
 2" MIN. EDGE DISTANCE

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NOTE:  
ANCHOR TORQUED AND OTHERWISE INSTALLED AS  
PER MANUFACTURER SPECIFICATIONS.

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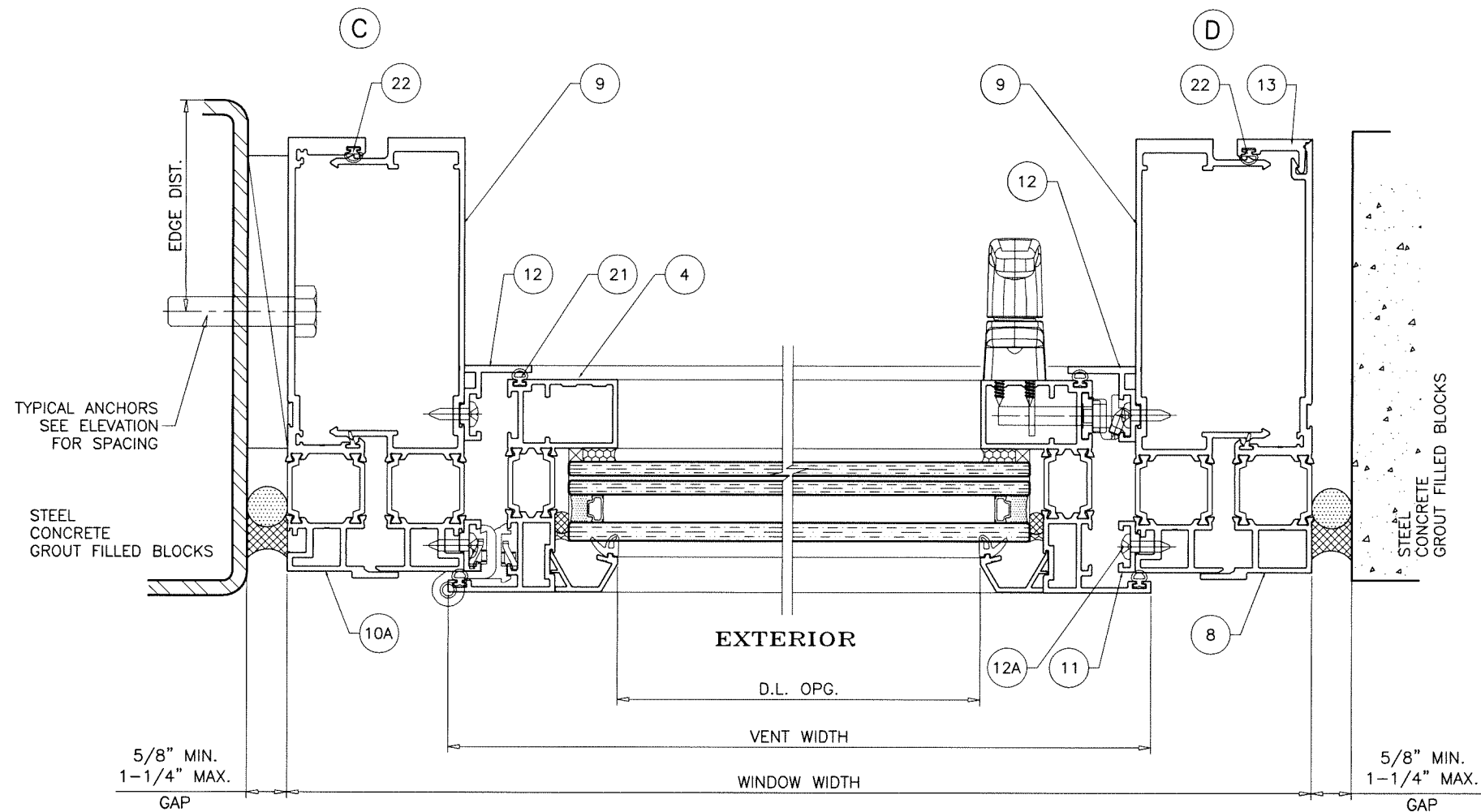
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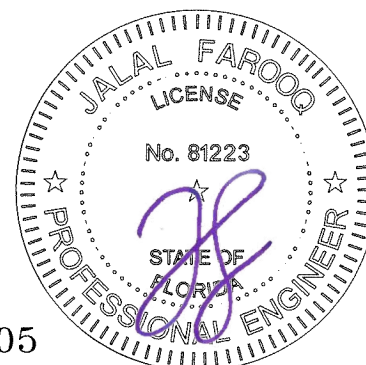
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drawing no.  
**25-14F**

sheet 2 of 6



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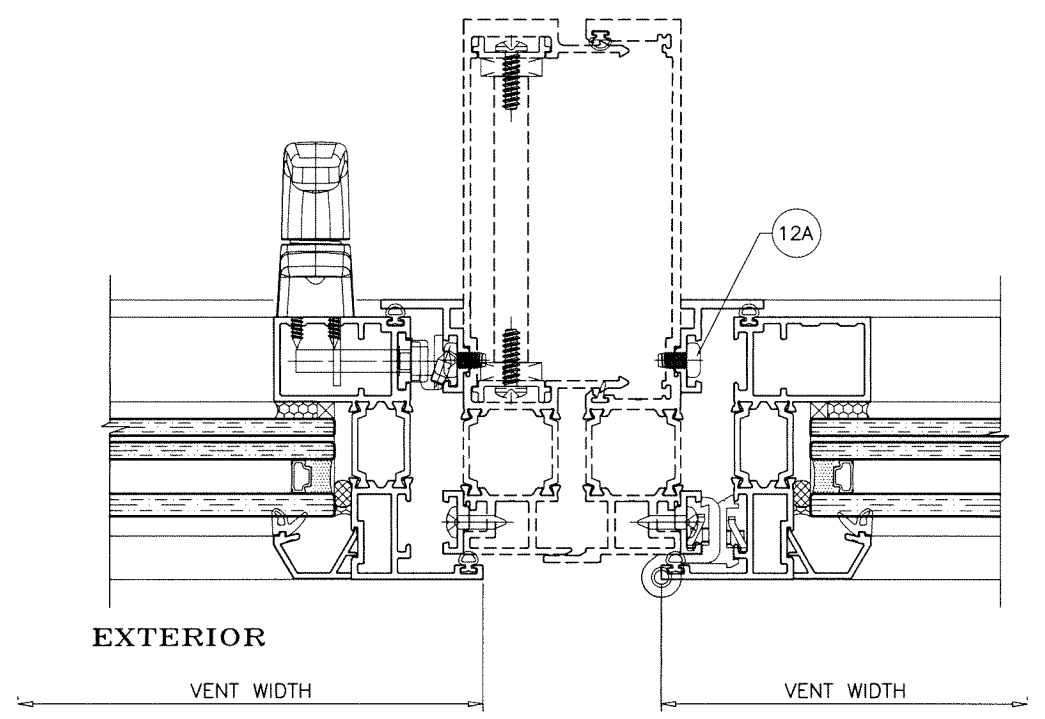
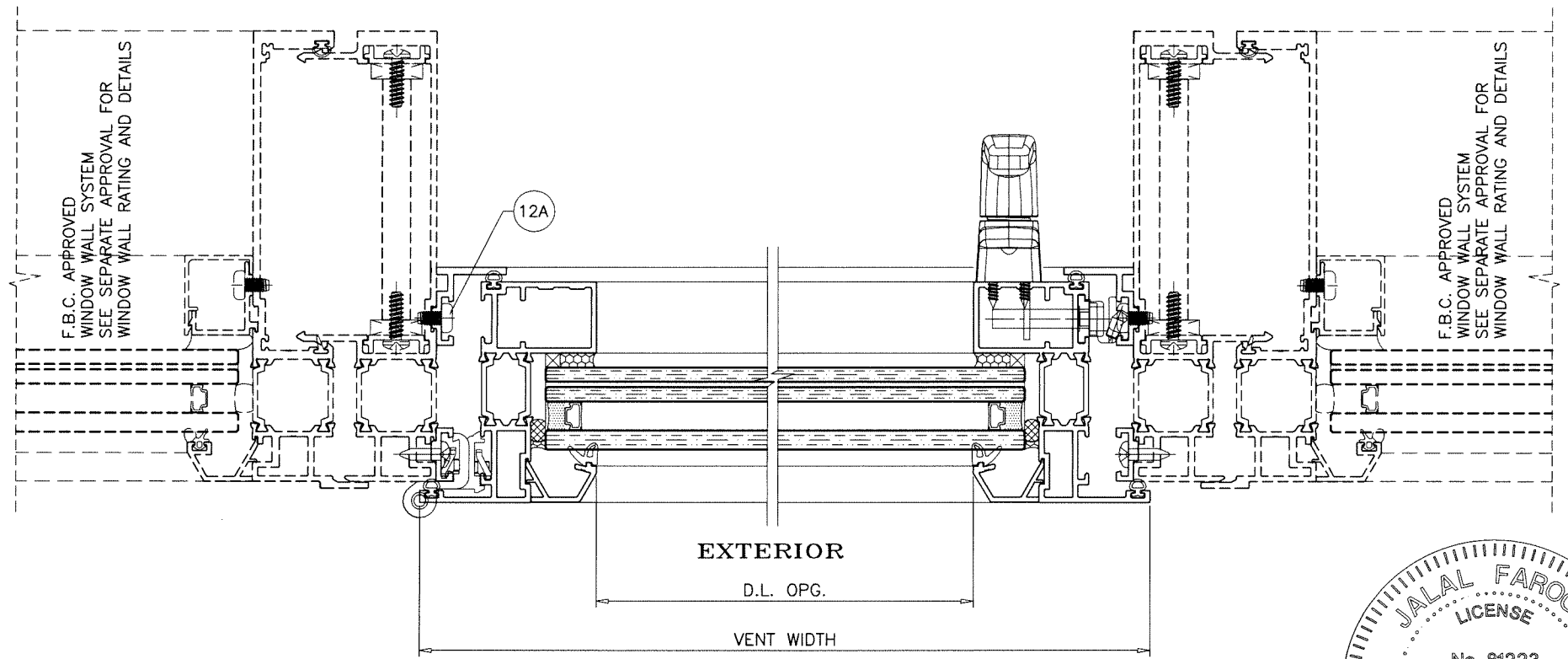
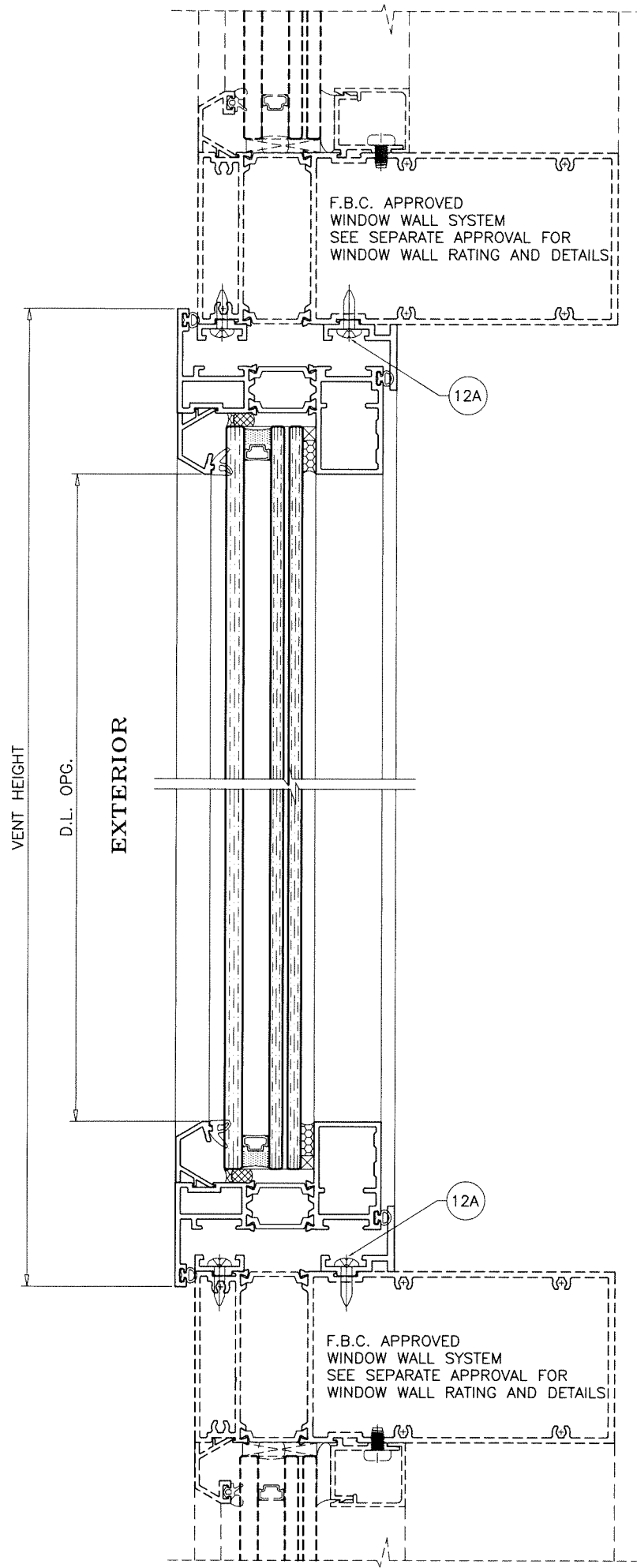


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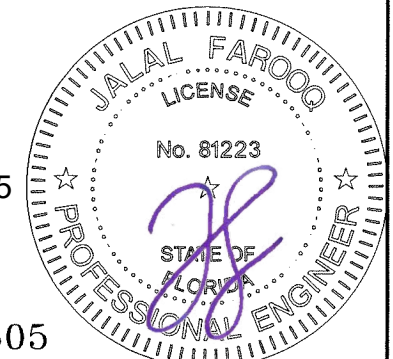
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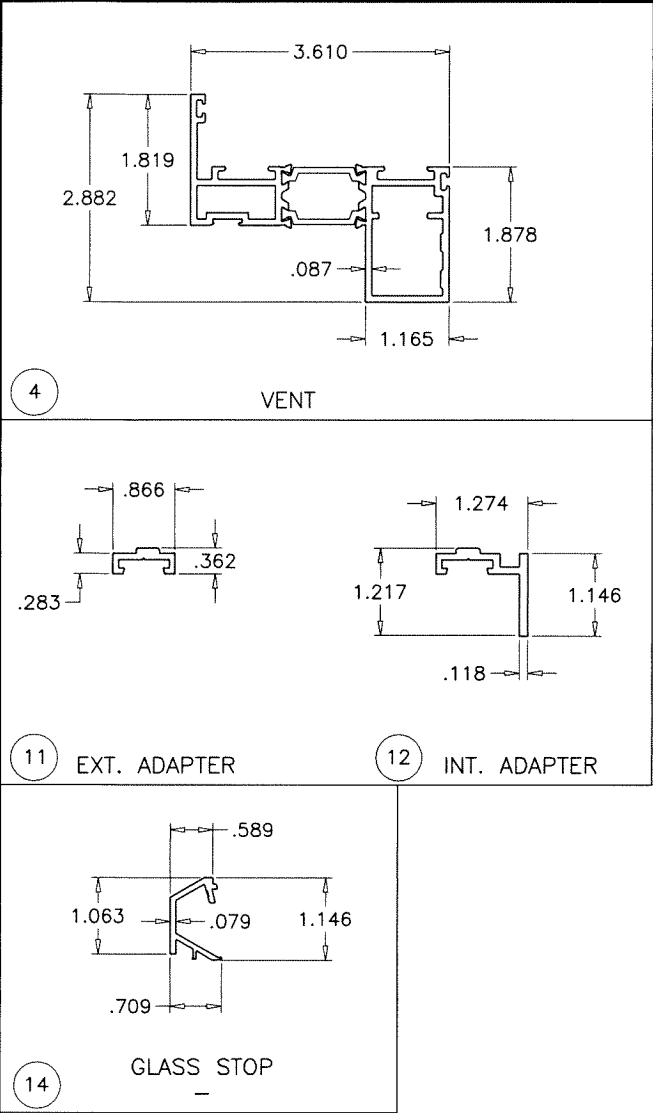
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chk. by:

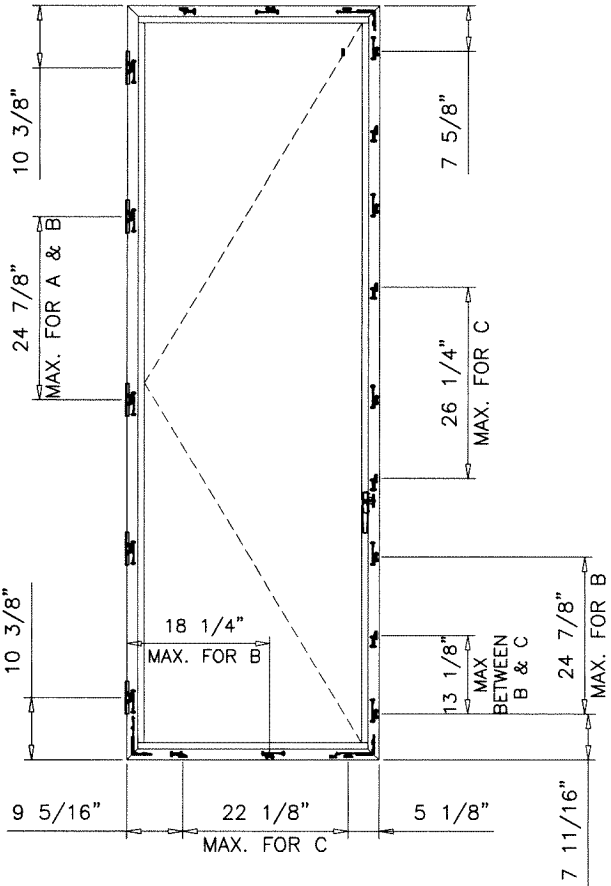
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sheet 4 of 6



| CASEMENT WINDOW HARDWARE |                                   |                                                                                                       |                                                    |
|--------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------|
|                          | DESCRIPTION                       | MAX. DISTANCE                                                                                         | METHOD OF ATTACHMENT                               |
| A                        | EURO-GROOVE MOUNTED BARREL HINGES | 24-7/8" O.C. SPACING                                                                                  | EURO-GROOVE COUNTER PLATES                         |
| B                        | BURGLAR RESISTANT LOCK POINTS     | 24-7/8" O.C. SPACING ON HINGE SIDE<br>26-1/4" O.C. SPACING ON HANDLE SIDE                             | (2) M5 SCREWS PER KEEPER                           |
| C                        | COMPRESSION ADJUSTABLE LOCK POINT | 26-1/4" O.C. SPACING ON HANDLE SIDE<br>22-1/8" O.C. SPACING AT SILL<br>21-13/16" O.C. SPACING AT HEAD | EURO-GROOVE MOUNTED WITH (2) SET SCREWS PER KEEPER |

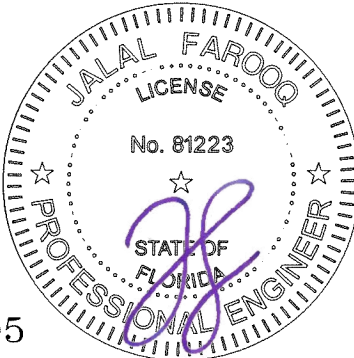
| ITEM NO. | PART NO.   | QUANTITY | DESCRIPTION                                     | MATERIAL        | MANF./SUPPLIER/REMARKS     |
|----------|------------|----------|-------------------------------------------------|-----------------|----------------------------|
| 1        | -          | -        | HEAD RECEPTOR                                   | 6063-T6         | -                          |
| 2        | -          | -        | HEAD RECEPTOR BACK                              | 6063-T6         | -                          |
| 3        | -          | -        | FRAME HEAD                                      | 6063-T6         | -                          |
| 4        | -          | -        | VENT                                            | 6063-T6         | -                          |
| 5        | -          | -        | FRAME SILL                                      | 6063-T6         | -                          |
| 6        | -          | -        | SILL RECEPTOR                                   | 6063-T6         | -                          |
| 7        | -          | -        | SILL RECEPTOR BACK                              | 6063-T6         | -                          |
| 8        | -          | -        | FEMALE MULLION                                  | 6063-T6         | -                          |
| 9        | -          | -        | MALE MULLION                                    | 6063-T6         | -                          |
| 10       | -          | -        | FEMALE MULLION                                  | 6063-T6         | -                          |
| 10A      | -          | -        | FEMALE MULLION                                  | 6063-T6         | -                          |
| 11       | -          | -        | EXTERIOR ADAPTER                                | 6063-T6         | -                          |
| 12       | -          | -        | INTERIOR ADAPTER                                | 6063-T6         | -                          |
| 12A      | #10 X 3/8" | -        | ADAPTER FASTENERS, AT 4" FROM ENDS AND 12" O.C. | 6063-T6         | -                          |
| 13       | -          | -        | ZIPPER SNAP                                     | 6063-T6         | -                          |
| 14       | -          | -        | GLASS STOP                                      | 6063-T6         | -                          |
| 15       | -          | -        | SILL INSERT                                     | 6063-T5         | -                          |
| 16       | -          | -        | GLAZING GASKET                                  | EPDM / SILICONE | -                          |
| 17       | -          | -        | HEAD RECEPTOR GASKET                            | EPDM / SILICONE | -                          |
| 18       | -          | -        | PRESS-IN BULB GASKET (SILL)                     | EPDM / SILICONE | -                          |
| 19       | -          | 2/ LITE  | SETTING BLOCKS 6" LONG, AT 1/4 POINTS           | SILICONE        | MIN. DUROMETER 70, SHORE A |
| 20       | SDP10-3/4" | -        | ASSEMBLY FASTENERS                              | ST. STEEL       | -                          |
| 21       | -          | -        | BULB GASKET                                     | EPDM / SILICONE | -                          |
| 22       | -          | -        | BULB GASKET                                     | EPDM / SILICONE | -                          |
| 23       | -          | -        | BULB GASKET                                     | EPDM / SILICONE | -                          |

**SEALANTS:**  
ALL FRAME CORNERS, JOINTS, SEALED WITH SILICONE SEALANT.



NOTE:  
DISTANCES FROM ENDS ARE  
MAXIMUM DIMENSIONS

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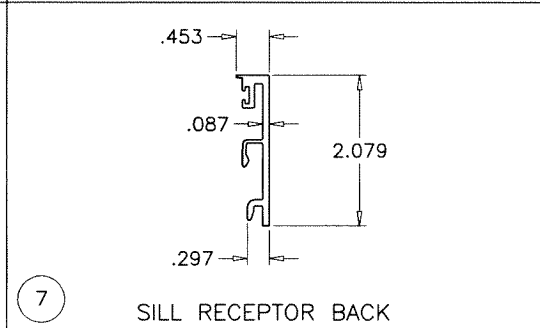
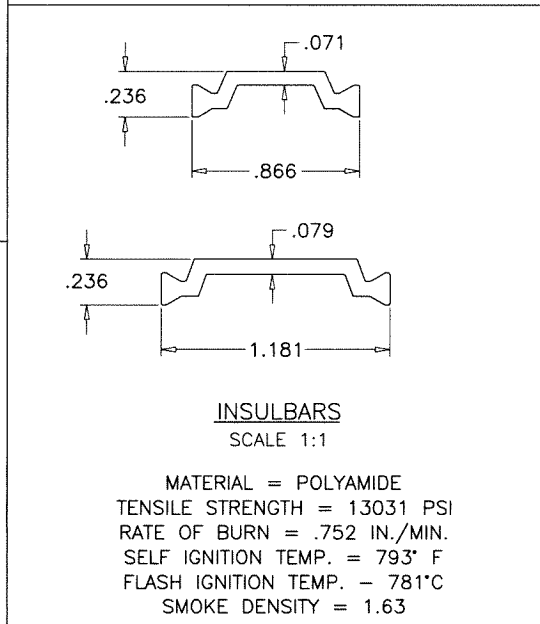
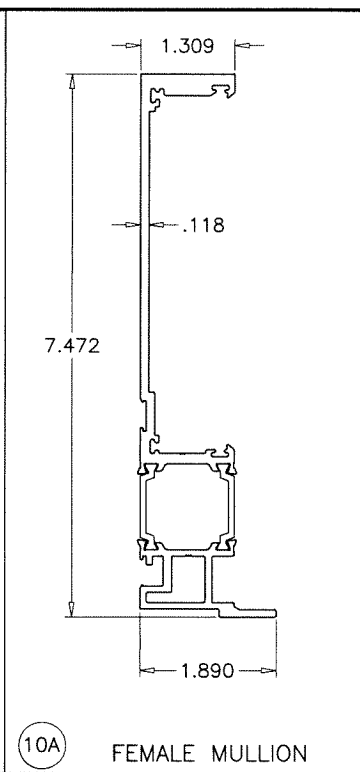
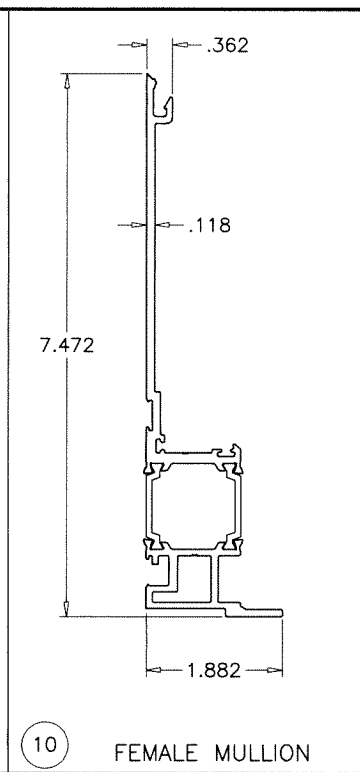
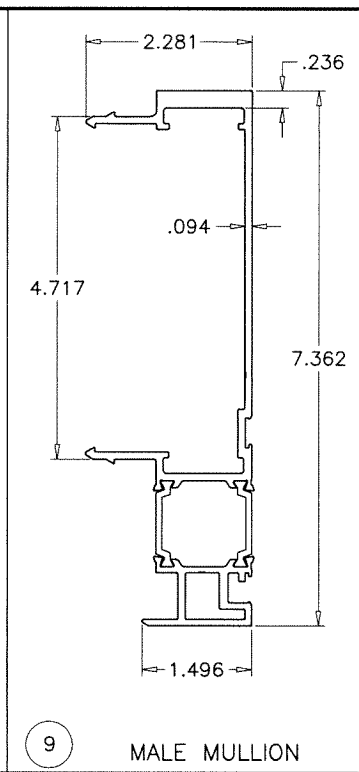
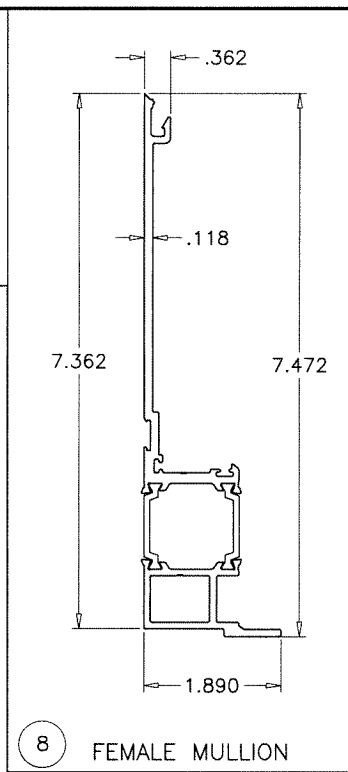
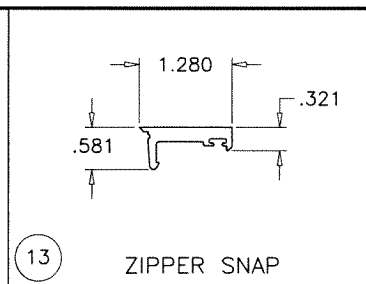
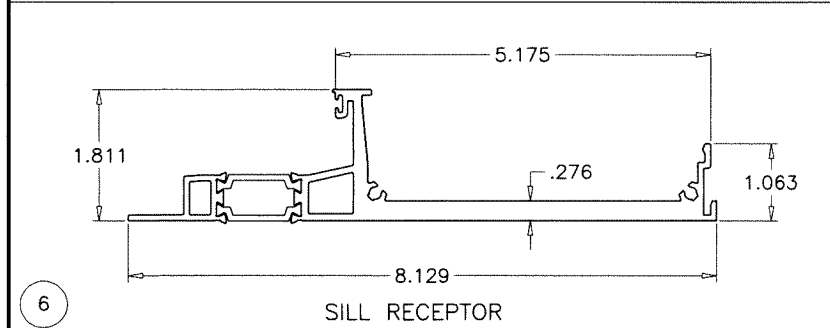
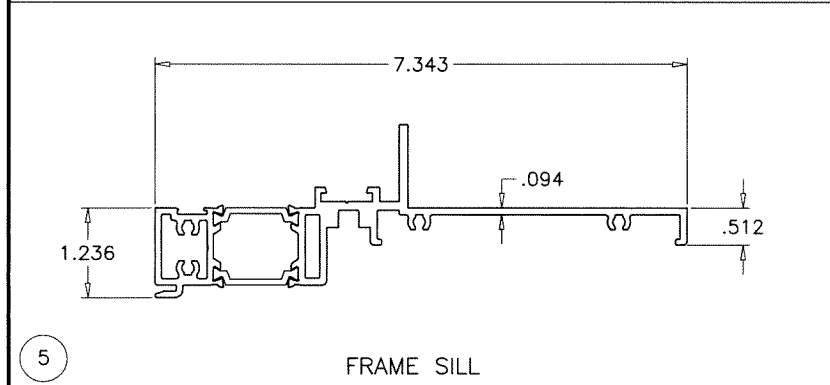
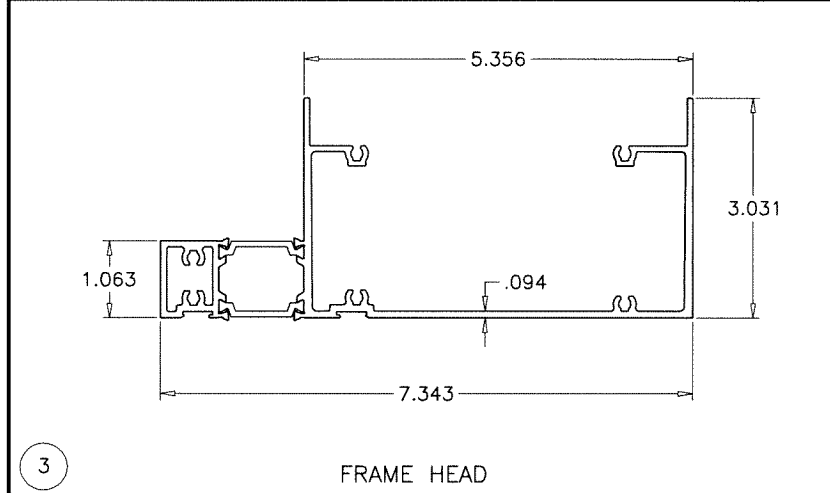
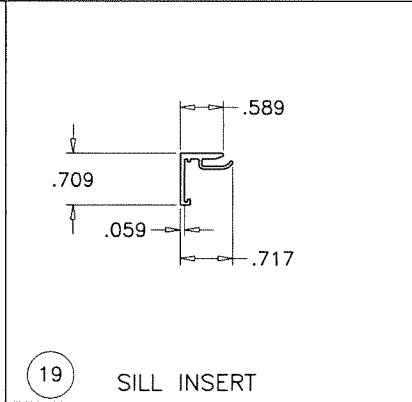
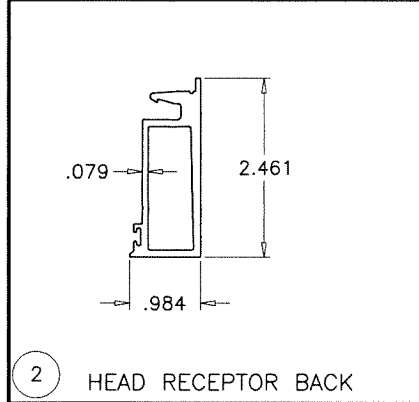
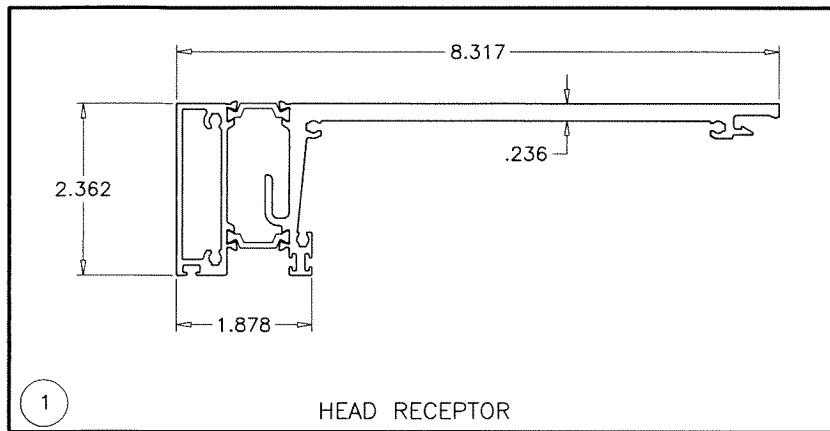
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chk. by:

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