



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

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**Traco Security Windows & Doors  
5100 NW 72<sup>nd</sup> Ave.  
Miami, Fl 33166**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Series "140 (242-542)" Aluminum Horizontal Sliding Window**

**APPROVAL DOCUMENT:** Drawing No. **02-0175**, titled "140 Aluminum Horizontal Sliding Window Large Missile", sheets 1 through 5 of 5, prepared by manufacturer, dated 2/11/02 with revision on 8/27/02, signed and sealed by Kelvyn A. Whitfield, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

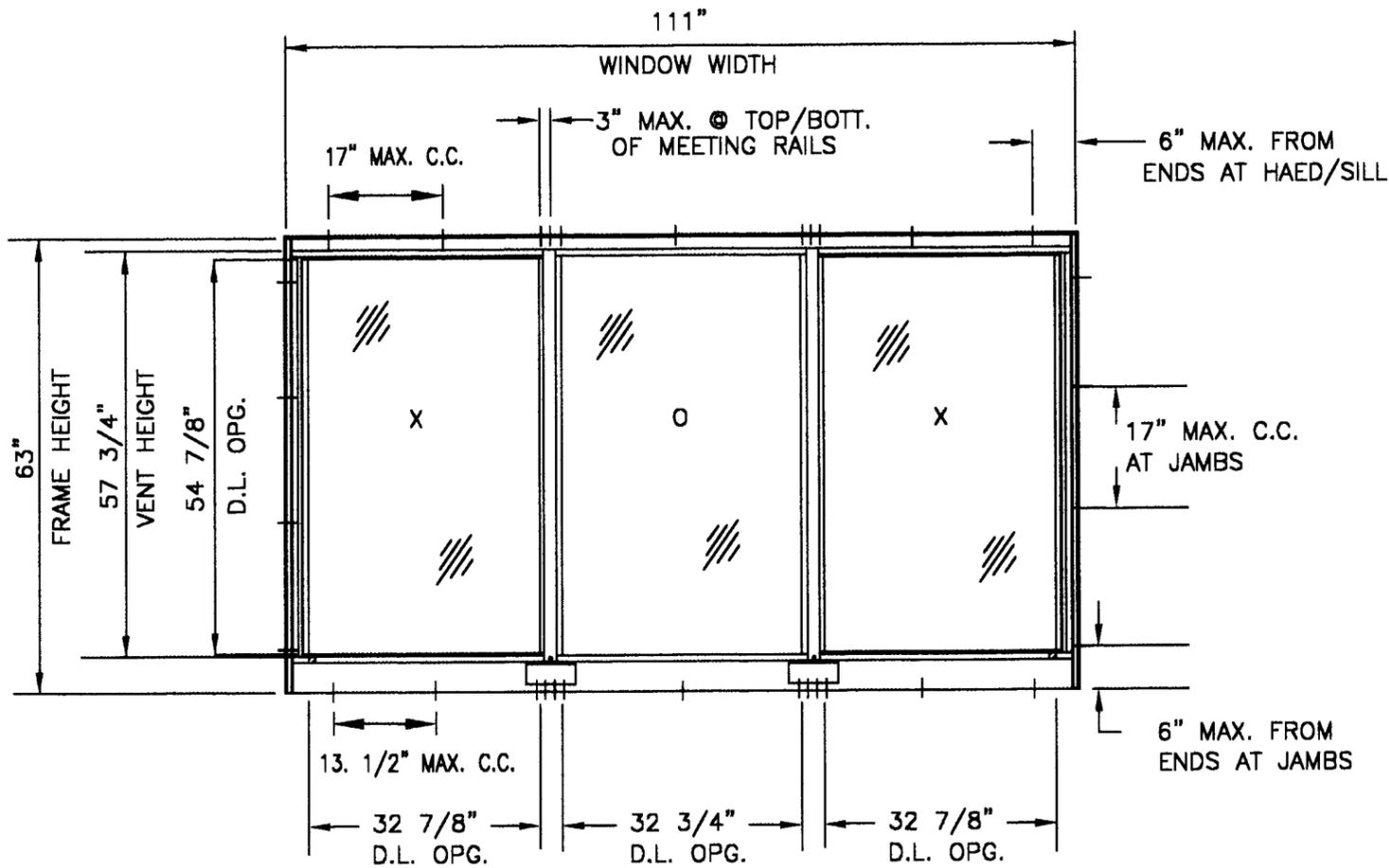
**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**



**NOA No 02-0124.01  
Expiration Date: October 17, 2007  
Approval Date: October 17, 2002  
Page 1**



|   |           |
|---|-----------|
| DESIGN PRESSURE RATING WITH<br>7\16" LAMINATED GLASS<br>3/16" H.S. .100 INNER LAYER<br>SAF-GLASS 3/16" H.S. GLASS |           |
| POSITIVE  | 100.0 PSF |
| NEGATIVE  | 90.0 PSF  |

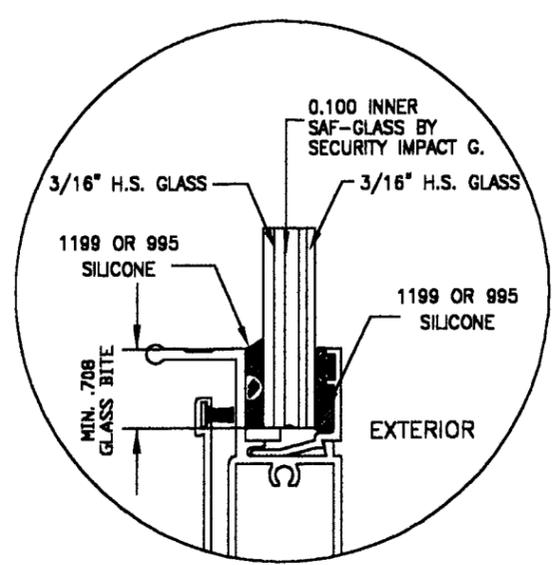
WITH 3.679 HIGH SILL

|   |           |
|---|-----------|
| DESIGN PRESSURE RATING WITH<br>7\16" LAMINATED GLASS<br>3/16" H.S. .100 INNER LAYER<br>SAF-GLASS 3/16" H.S. GLASS |           |
| POSITIVE  | 100.0 PSF |
| NEGATIVE  | 100.0 PSF |

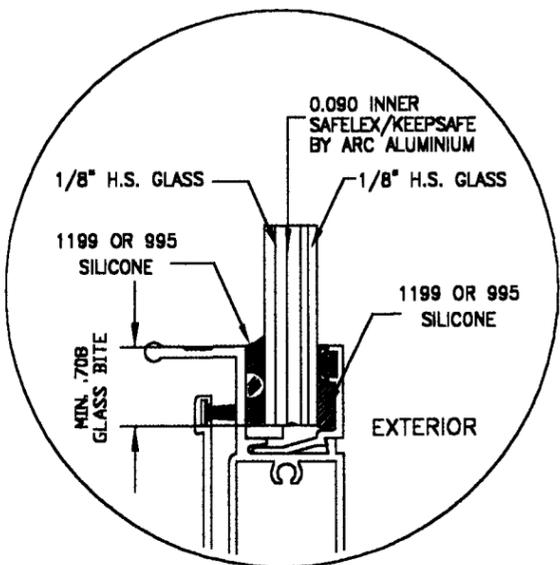
WITH 4.650 HIGH SILL

|   |          |
|---|----------|
| DESIGN PRESSURE RATING WITH<br>5\16" LAMINATED GLASS<br>1/8" H.S. .090 INNER LAYER<br>SAFLEX/KEEPSAFE 1/8" H.S. GLASS |          |
| POSITIVE  | 70.0 PSF |
| NEGATIVE  | 70.0 PSF |

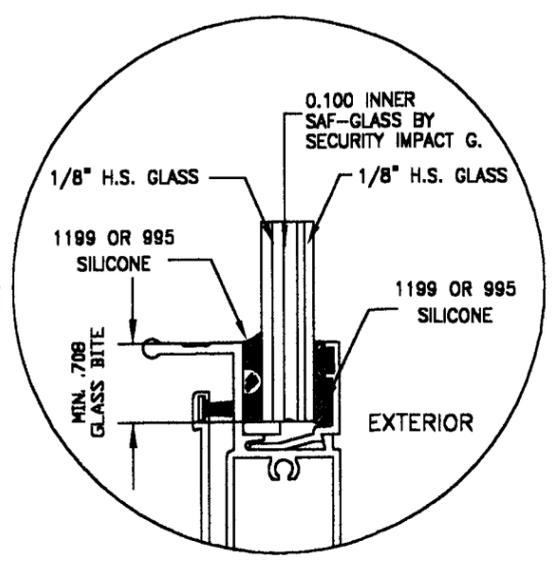
|   |          |
|---|----------|
| DESIGN PRESSURE RATING WITH<br>7\16" LAMINATED GLASS<br>3/16" ANN. .100 INNER LAYER<br>SAF-GLASS 3/16" ANN. GLASS |          |
| POSITIVE  | 70.0 PSF |
| NEGATIVE  | 70.0 PSF |



GLAZING DETAIL  
0.470" GLASS LARGE MISSILE  
FTL 3201



GLAZING DETAIL  
0.340" GLASS LARGE MISSILE  
FTL 3217



GLAZING DETAIL  
0.325" GLASS LARGE MISSILE  
FTL 3217

KELVYN A. WHITFIELD  
MECHANICAL ENGINEER

1002 N.E 116 ST- MIAMI FL 33161  
TEL. (305) 659-1230  
FAX. (305) 695-9976

**TRACO**  
Security Windows & Doors, Inc.  
5100 N.W. 72 ND. AVENUE  
MIAMI FLORIDA 33166  
PHONE: (305) 591-8990

SERIES: 140 ALUMINUM HORIZONTAL  
SLIDING WINDOW  
LARGE MISSILE

JOB NO.: 02-0175

DWG. NO.: 02-0175

DATE: 02/11/02

SCALE: N.T.S.

DWG. BY: D.M

SHEET 1 OF 5

REVISIONS DESCRIPTION

| NO. | DATE   | DESCRIPTION             |
|-----|--------|-------------------------|
| 1   | 8/28/2 | AS PER DADE COUNTY REQ. |
| 2   | 8/27/2 | AS PER DADE COUNTY REQ. |

KELVYN A. WHITFIELD  
MECH. ENGINEER.  
FLA. PE # 24140

8/27/02  
*[Signature]*

Approved as complying with the  
Florida Building Code  
Date 10/17/02  
NOA# 02-0124.01  
Miami Dade Product Control  
Division  
By *[Signature]*

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DWG. BY: D.M

SHEET 2 OF 5

REVISIONS DESCRIPTION

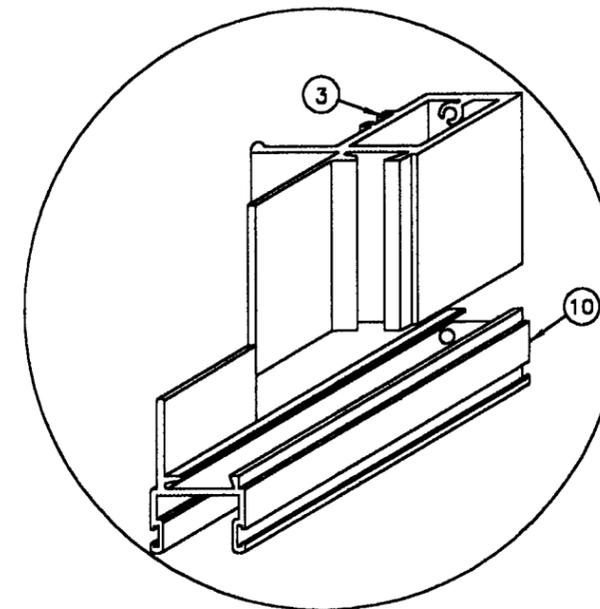
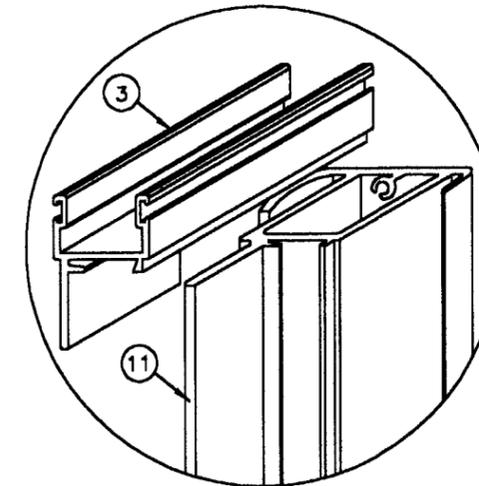
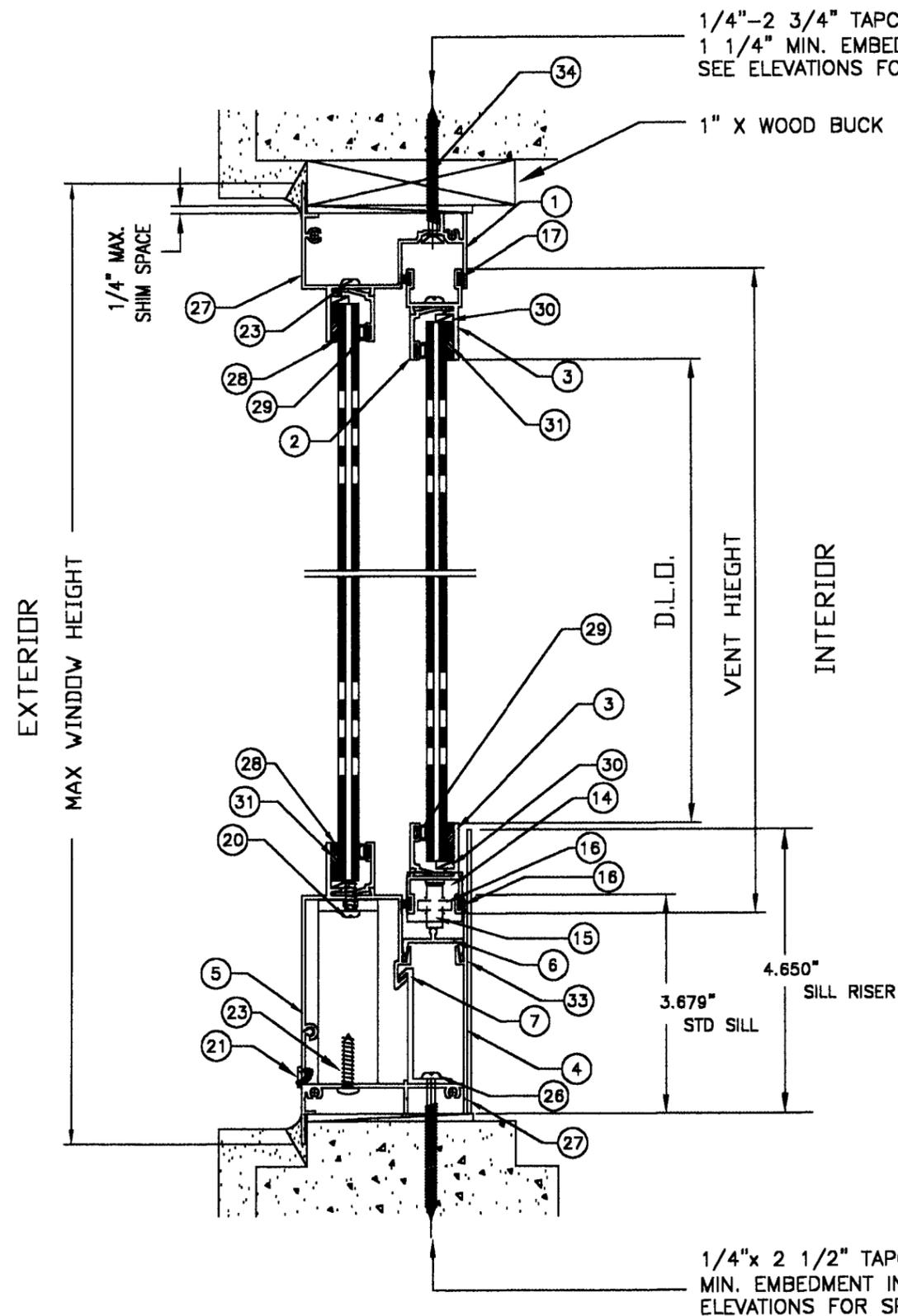
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KELVYN A. WHITFIELD  
 MECH. ENGINEER.  
 FLA. PE # 24140

8/27/02

*Kelwyn Whitfield*

Approved as complying with the  
 Florida Building Code  
 Date 10/17/02  
 NOAH 02-0129.01  
 Miami Dade Product Control  
 Division  
 By *Edward Beaman*



VERTICAL CROSS SECTION

KELVYN A. WHITFIELD

MECHANICAL ENGINEER

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JOB NO.: 02-0175

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SHEET 3 OF 5

REVISIONS DESCRIPTION

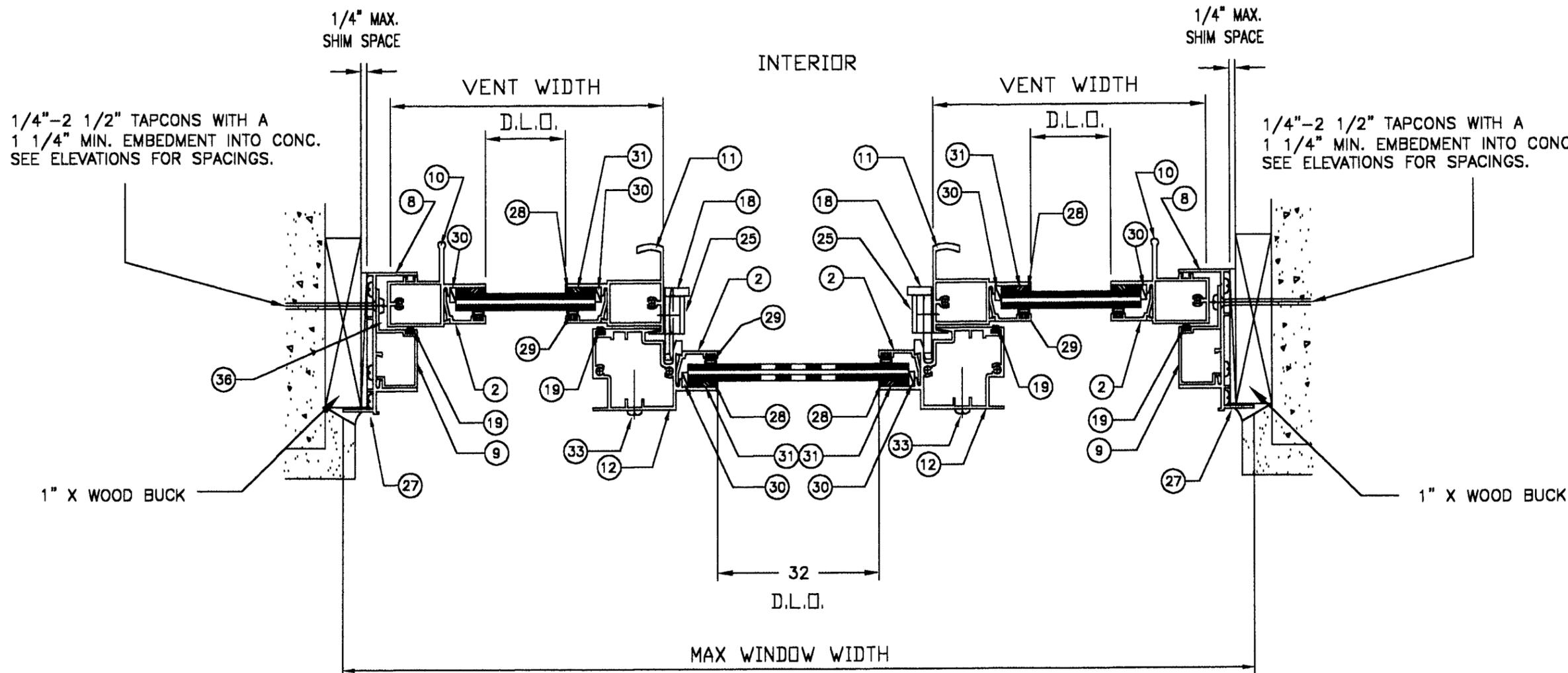
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 FLA. PE # 24140

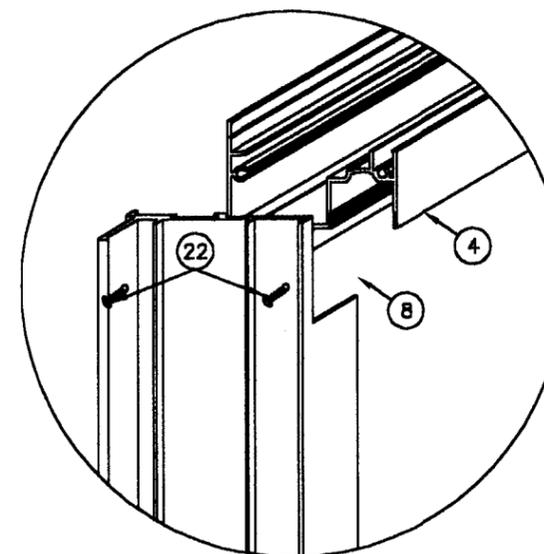
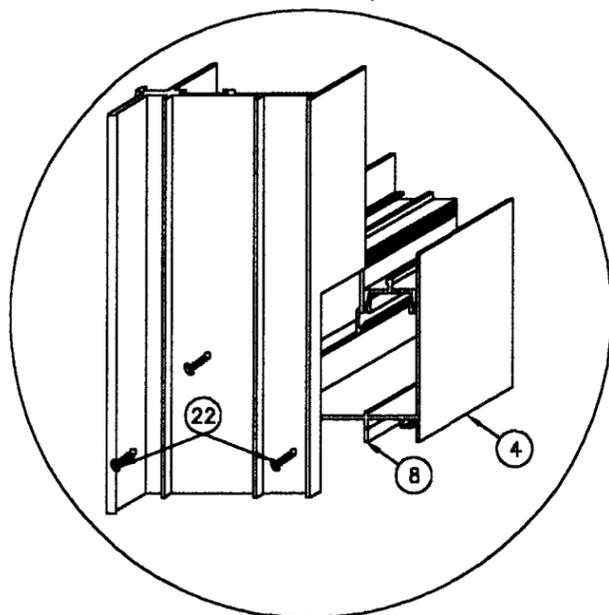
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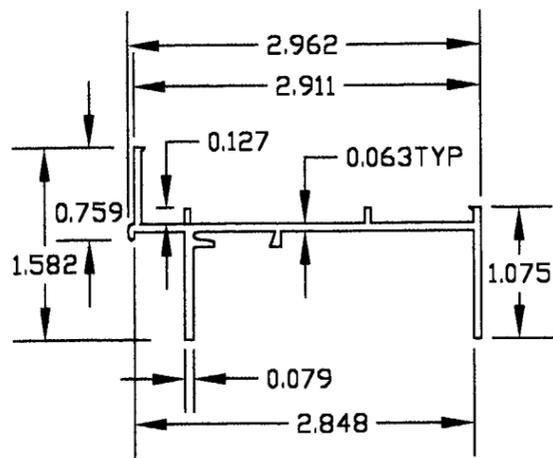
*[Signature]*

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 Miami Dade Product Control  
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 By: *[Signature]*

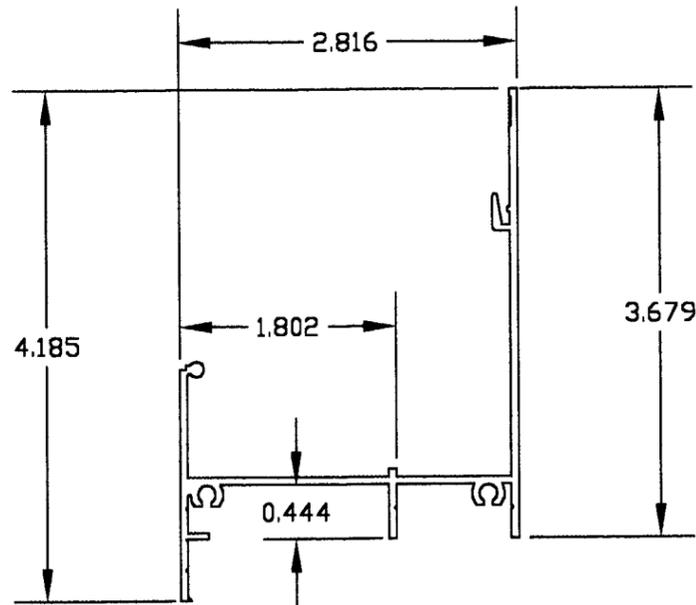


HORIZONTAL CROSS SECTION

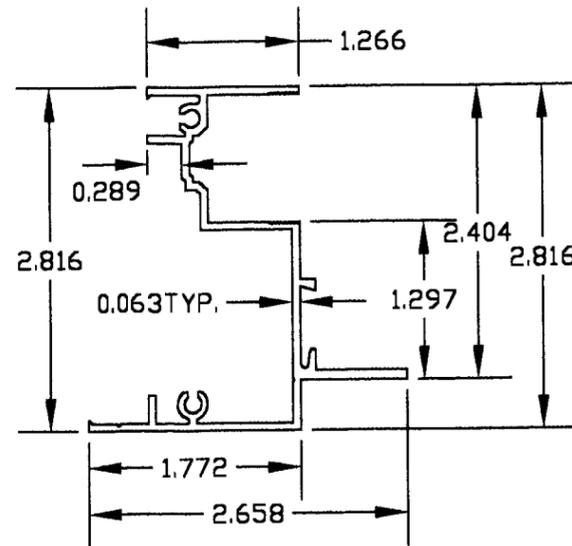




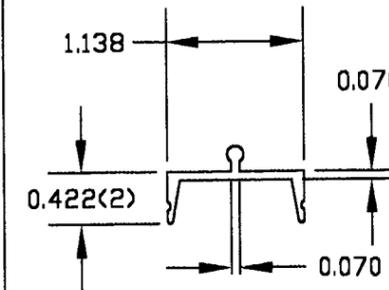
FRAME JAMB (SEG 050-572)



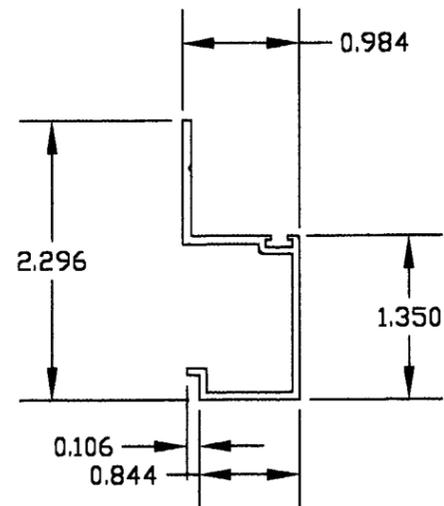
MAIN FRAME SILL (SEG 050-737)



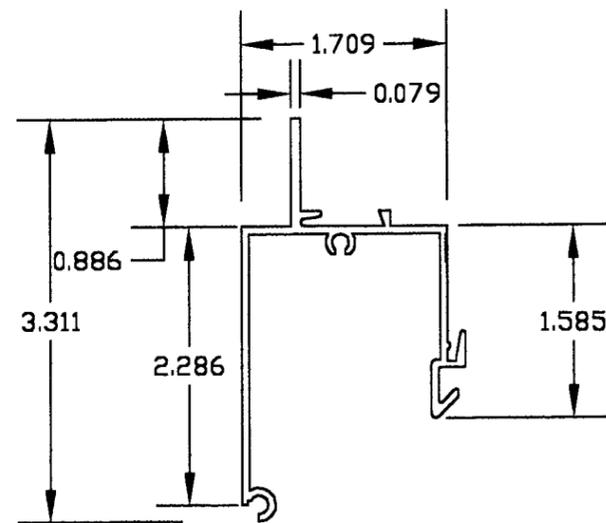
FRAME HEAD (SEG 050-757)



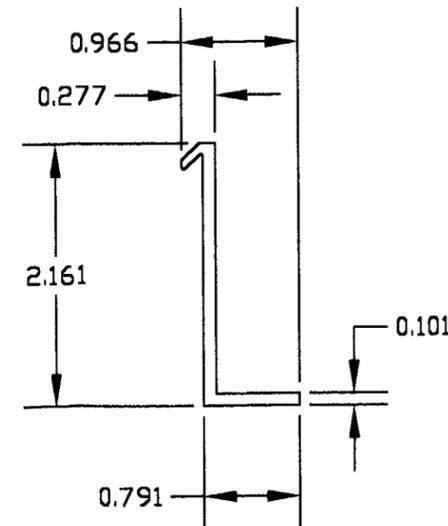
SILL TRACK INSERT (SEG 050-739)



JAMB ADAPTER (SEG 050-741)



SILL ADAPTER (SEG 050-738)



SILL WINDLOAD ADAPTER (SEG 050-740)

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SERIES: 140 ALUMINUM HORIZONTAL  
SLIDING WINDOW  
LARGE MISSILE

JOB NO.: 02-0175

DWG. NO.: 02-0175

DATE: 02/11/02

SCALE: N.T.S.

DWG. BY: D.M

SHEET 4 OF 5

REVISIONS DESCRIPTION

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Date 10/17/02

NOA# 02-0124.01

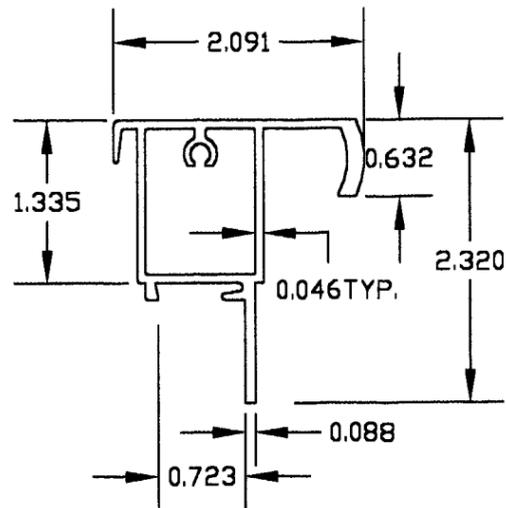
Miami Dade Product Control

Division

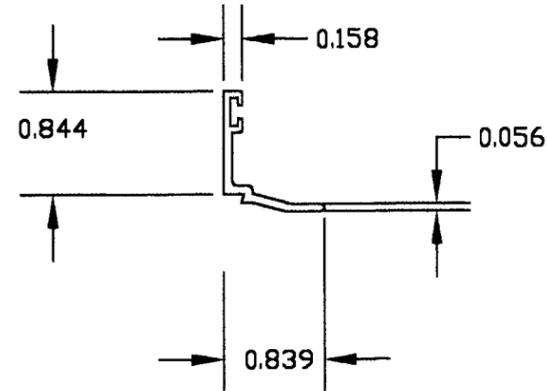
By *Shirley Bema*

**BILL OF MATERIALS**

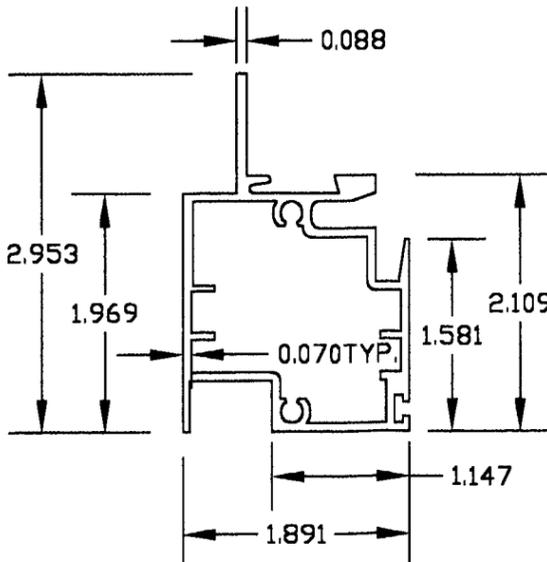
| ITEM# | DESCRIPTION                        | PART NUM. | ALLOY/TEMP        | COMMENTS                          |
|-------|------------------------------------|-----------|-------------------|-----------------------------------|
| 1     | FRAME HEAD                         | 050-757   | 6063-T5           | SEG-757 MILL FINISH               |
| 2     | GLAZING BD.                        | 050-759   | 6063-T5           | SEG-749 MILL FINISH               |
| 3     | SASH TOP & BOTTOM RAIL             | 050-570   | 6063-T5           | SEG-570 MILL FINISH               |
| 4     | MAIN FRAME SILL                    | 050-737   | 6063-T5           | SEG-737 MILL FINISH               |
| 5     | SILL ADAPTER                       | 050-738   | 6063-T5           | SEG-738 MILL FINISH               |
| 6     | SILL TRACK INSERT                  | 050-739   | 6063-T5           | SEG-739 MILL FINISH               |
| 7     | SILL WINDLOAD ADAPTER              | 050-740   | 6063-T5           | 050-740 MILL FINISH               |
| 8     | FRAME JAMB                         | 050-572   | 6063-T5           | SEG-572 MILL FINISH               |
| 9     | JAM ADAPTER                        | 050-741   | 6063-T5           | SEG-741 MILL FINISH               |
| 10    | SASH SIDE RAIL                     | 051-742   | 6063-T5           | SEG-742 MILL FINISH               |
| 11    | SASH MEETING RAIL                  | 051-571   | 6063-T5           | SEG-571 MILL FINISH               |
| 12    | FIXED MEETING RAIL                 | 051-573   | 6063-T5           | SEG-573 MILL FINISH               |
| 13    | FLAT BAR                           | 050-004   | -----             | 3/16' X 1"                        |
| 14    | WHEEL HOUSING                      | 014-005   | -----             | -----                             |
| 15    | WHEEL                              | 014-044   | .750 DIA.         | NAT. ACETAL                       |
| 16    | DOWEL PIN                          | 015-041   | -----             | .150 DIA. X .550, BRASS           |
| 17    | W'STRIPPING (at sash B & T rail)   | 047-014   | FIN-SEAL          | .360 X .187 BACK                  |
| 18    | SWEEP LATCH                        | 007-016   | -----             | WHITE                             |
| 19    | W'STRIPPING                        | 047-014   | FIN-SEAL          | .360 X .187 BACK                  |
| 20    | SCREW @ MEETING RAILS              | 000-000   | -----             | #10 X 2.000, PhPH SMS             |
| 21    | WEEP COVERS                        | 014-063   | -----             | -----                             |
| 22    | FRAME ASSEMBLY SCREW               | 012-835   | -----             | #8 X 1.000, PhPH SMS              |
| 23    | MEETING RAIL ASSEMBLY SCREW        | 012-130   | -----             | #10 X 1.000, PhPH SMS             |
| 24    | SASH ASSEMBLY SCREW                | 012-835   | -----             | # 8 X 1.000, PhPH SMS             |
| 25    | SWEEP LATCH SCREW                  | 012-830   | STAINLES STEEL    | #8 X .750, PhPH SMS, SS           |
| 26    | WINDLOAD ADAPTER SCREW             | 000-000   | STAINLES STEEL    | 4 PER CLIP SAME AS INSTA. SCREWS  |
| 27    | SEAM SEALER(at frame, at sash)     | 024-019   | -----             | SM 5504                           |
| 28    | SILICONE SEALANT(at fxd., at sash) | 024-043   | -----             | DOW 1199 OR 995                   |
| 29    | GLAZING BEAD GASKET ( FXD, VT )    | 046-014   | W'STP.,BULB VINYL | WV-3134,BKL.                      |
| 30    | SETTING BLOCK                      | 046-103   | -----             | WV5848 SANTOPRENE                 |
| 31    | BUMPON SPACER                      | 014-049   | -----             | .150, SJ-5306, CLR                |
| 32    | 1/4"- 2 3/4" & 2 1/2"              | -----     | -----             | TAPCON.SEE ELEV. FOR SPEC. LENGTH |
| 33    | SILL RISER                         | -----     | -----             | .032 THK. x 4.6 SHT. BREAK METAL  |



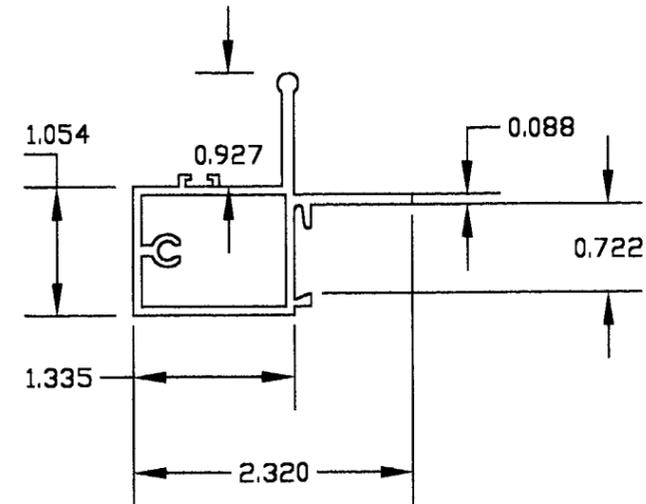
SASH MEETING RAIL (SEG 051-571)



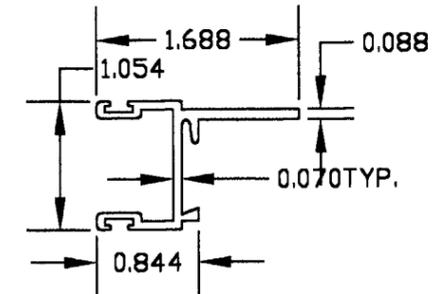
GLAZING BEAD (SEG 050-759)



MEETING RAIL (SEG 051-573)



SASH SIDE RAIL (SEG 051-742)



SASH TOP & BOTTOM RAIL (SEG 050-570)

**KELVYN A. WHITFIELD**

**MECHANICAL ENGINEER**

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**SERIES: 140 ALUMINUM HORIZONTAL SLIDING WINDOW LARGE MISSILE**

JOB NO.: 02-0175

DWG. NO.: 02-0175

DATE: 02/11/02

SCALE: N.T.S.

DWG. BY: D.M

SHEET 5 OF 5

**REVISIONS DESCRIPTION**

| NO. | DATE   | DESCRIPTION             |
|-----|--------|-------------------------|
| 1   | 6/28/2 | AS PER DADE COUNTY REQ. |
| 2   | 8/27/2 | AS PER DADE COUNTY REQ. |

**KELVYN A. WHITFIELD**  
**MECH. ENGINEER.**  
FLA. PE # 24140

8/27/02  
*[Signature]*

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Date 10/13/02  
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Miami Dade Product Control  
Division  
By *[Signature]*