



MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING

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

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**TRACO Security Windows & Doors, Inc.**  
**5100 N.W. 72nd Avenue**  
**Miami FL 33166**

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT SECTION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

Your application for Product Approval of:

***Series 3000 Aluminum Sliding Glass Door***

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing.

If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**Acceptance No.:** 00-0524.13

**Expires:** 06/05/2003

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS**

**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**Approved:** 06/29/2000

1 of 3



**TRACO Security Windows & Doors, Inc.**

**ACCEPTANCE No.:** 00-0524.13

**APPROVED** : JUN 29 2000

**EXPIRES** : June 05, 2003

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

1.1 This **renews** the Notice of Acceptance No. 96-0828.01 which was issued on June 05, 1997. It approves an aluminum sliding glass door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

2.1 The **Series 3000 Aluminum Sliding Glass Door** and its components shall be constructed in strict compliance with the following documents: Drawing No **W96-27**, titled "Series 3000 Alum. Sliding Glass Door" Sheets 1 through 4 of 4 dated 08/08/96, w/revision C dated 05/15/00, signed and sealed by Humayoun Farooq, 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. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

3.1 This approval applies to single unit applications only, as shown in approved drawings.  
3.2 Head receptor is not allowed to be used in this installation.

**4. INSTALLATION**

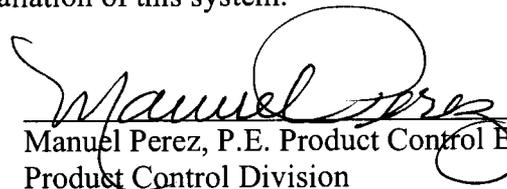
4.1 The aluminum sliding glass door and its components shall be installed in strict compliance with the approved drawings.  
4.2 Hurricane protection system (shutters): the installation of this unit **will require** a hurricane protection system.

**5. LABELING**

5.1 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".

**6. BUILDING PERMIT REQUIREMENTS**

6.1 Application for building permit shall be accompanied by copies of the following:  
6.1.1 This Notice of Acceptance  
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.  
6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

  
Manuel Perez, P.E. Product Control Examiner  
Product Control Division

**TRACO Security Windows & Doors, Inc.**

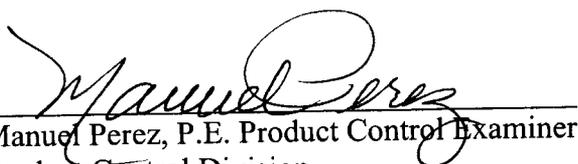
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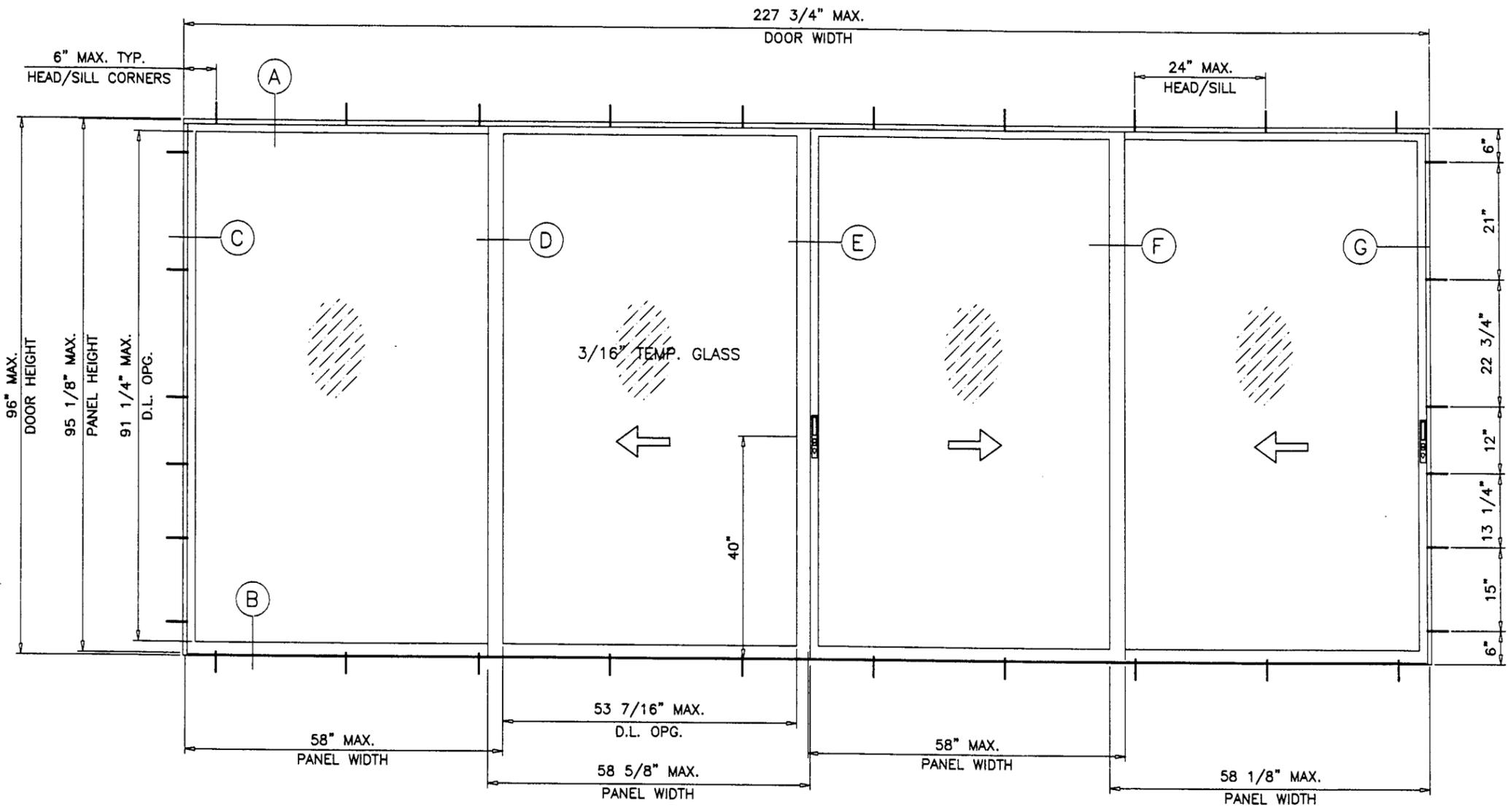
**EXPIRES** : June 05, 2003

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

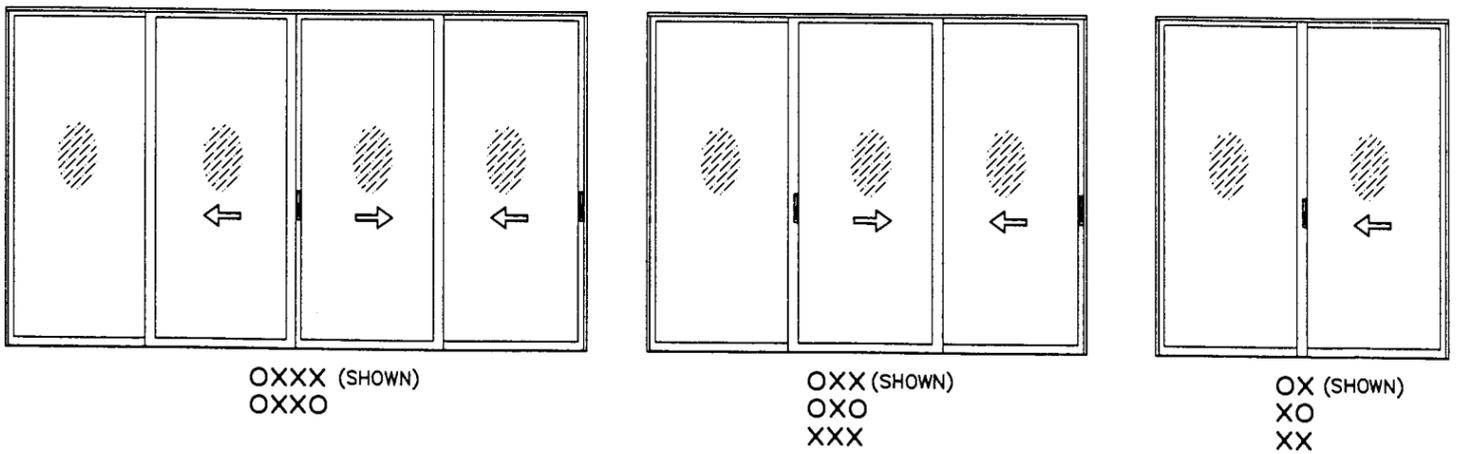
  
Manuel Perez, P.E. Product Control Examiner  
Product Control Division

**END OF THIS ACCEPTANCE**



TYPICAL ELEVATION  
TESTED UNIT

THIS APPROVES DOORS WITH ANY NUMBER OF PANELS THAT USE THE STILE COMBINATIONS SHOWN HEREIN I.E. XX, XO, OX, OXO, OXX, XXX, OXXX, OXXXO.



EXAMPLES OF APPROVED CONFIGURATIONS

| DESIGN LOAD CAPACITY - PSF<br>DADE COUNTY APPROVED IMPACT RESISTANT<br>SHUTTERS REQUIRED |             |                                  |          |
|--|-------------|----------------------------------|----------|
| DOOR DIMS.   |             | PANELS WITH<br>3/16" TEMP. GLASS |          |
| PANEL WIDTH  | DOOR HEIGHT | EXT. (+)                         | INT. (-) |
| 2/6  | 5/0         | 60.0                             | 123.4    |
| 3/0  |             | 60.0                             | 110.2    |
| 3/6  |             | 60.0                             | 101.7    |
| 4/0  |             | 60.0                             | 96.4     |
| 4/6  |             | 60.0                             | 93.5     |
| 5/0  | 6/0         | 60.0                             | 92.6     |
| 2/6  |             | 60.0                             | 97.4     |
| 3/0  |             | 60.0                             | 85.7     |
| 3/6  |             | 60.0                             | 77.8     |
| 4/0  |             | 60.0                             | 72.3     |
| 4/6  | 6/8         | 60.0                             | 68.6     |
| 5/0  |             | 60.0                             | 66.1     |
| 2/6  |             | 60.0                             | 85.4     |
| 3/0  |             | 60.0                             | 74.6     |
| 3/6  |             | 60.0                             | 67.2     |
| 4/0  | 8/0         | 60.0                             | 62.0     |
| 4/6  |             | 58.2                             | 58.2     |
| 5/0  |             | 55.5                             | 55.5     |
| 2/6  |             | 60.0                             | 68.6     |
| 3/0  |             | 59.3                             | 59.3     |
| 3/6  | 52.9        | 52.9                             |          |
| 4/0  | 48.2        | 48.2                             |          |
| 4/6  | 44.7        | 44.7                             |          |
| 5/0  | 41.7        | 41.7                             |          |

NOTES

1. THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7-88 USING CORRESPONDING LOADS.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557

MAY 16 2000

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE June 29, 2000  
BY Manuel  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0524.13

**afc**

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W96-27SW-NEW

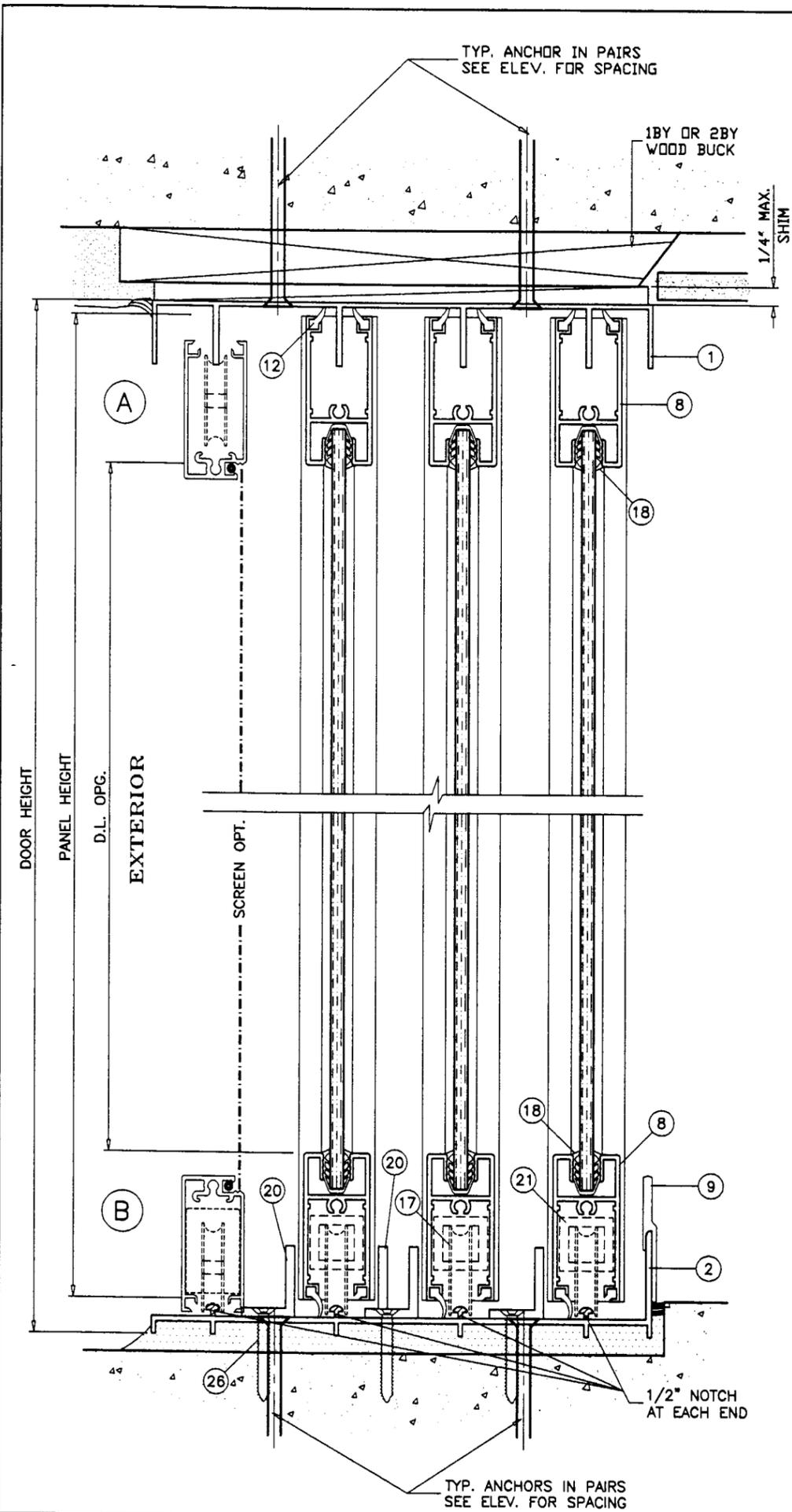
**SERIES 3000 ALUM. SLIDING GLASS DOOR**  
**TRACO SECURITY WINDOWS & DOORS INC.**  
5100 N.W. 72 AVE.  
MIAMI, FL. 33166  
TEL. (305) 591-8990

| no | date     | by | description                  |
|----|----------|----|------------------------------|
| A  | 11.18.96 | H  | PANEL W. REV. TO 2/6         |
| B  | 04.26.97 | H  | GENERAL REVISION             |
| C  | 05.15.00 | H  | UPDATED TO CURRENT BCCO STD. |

date: 08-08-96  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

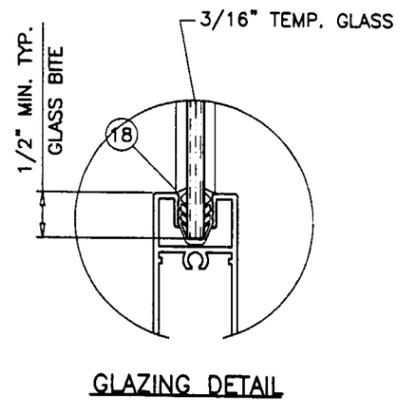
drawing no. **W96-27**  
sheet 1 of 4

00-0524.13



| MATERIALS LIST |             |           |  |          |                                |
|----------------|-------------|-----------|--|----------|--------------------------------|
| ITEM NO.       | PART NUMBER | QUANTITY  | DESCRIPTION                            | MATERIAL | MANF./SUPPLIER/COMMENTS        |
| 1              | 050-00-109  | 1         | FRAME HEAD                             | 6063-T5  |                                |
| 2              | 050-00-420  | 1         | SILL TRACK                             | 6063-T6  | MILL FINISH                    |
| 3              | 050-00-437  | 2         | FRAME JAMB                             | 6063-T6  |                                |
| 4              | 051-00-384  | AS REQD.  | LOCK STILE                             | 6063-T6  |                                |
| 5              | 051-00-504  | 4         | INTERLOCK                              | 8005-T5  |                                |
| 6              | 051-00-384  | AS REQD.  | JAMB STILE                             | 6063-T6  |                                |
| 7              | 051-00-442  | 1         | MEETING STILE                          | 6063-T6  |                                |
| 8              | 051-00-383  | 2/ PANEL  | TOP & BOTTOM RAIL                      | 6063-T6  |                                |
| 9              | -           | 1         | SILL RISER                             | 6063-T6  |                                |
| 10             | 047-00-014  | -         | WOOLPILE                               | -        |                                |
| 11             | 046-00-027  | AS REQD.  | BULB W'STRIPPING                       | VINYL    |                                |
| 12             | 046-00-015  | AS REQD.  | FLAP W'STRIPPING (TOP RAIL)            | VINYL    |                                |
| 13             | 046-00-030  | AS REQD.  | FLAP W'STRIPPING (JAMB)                | VINYL    |                                |
| 14             | 050-00-000  | AS REQD.  | CLOSED CELL FOAM PAD (1-5/8" X 1-3/4") | -        | AT TOP AND BOTTOM OF INTERLOCK |
| 15             | -           | 2/ CORNER | FRAME ASSEMBLY SCREW                   | -        | #8 X 1" PPH SMS                |
| 16             | 012-00-130  | 1/ CORNER | PANEL ASSEMBLY SCREW                   | -        | #10 X 1" PPH SMS               |
| 17             | 037-00-015  | 2/ PANEL  | WHEEL ASSEMBLY                         | -        | 'REFLOCTOLITE' 1935 SERIES     |
| 18             | 046-00-052  | AS REQD.  | 3/16" GLAZING CHANNEL                  | VINYL    |                                |
| 19             | -           | 3/ PANEL  | FIXED PANEL CLIP                       | ALUMINUM | W/ #6 X 1/2" TEKS SCREWS       |
| 20             | -           | -         | 1 X 3/4 X 3/16 X 5 LG. ANGLE           | -        |                                |
| 21             | -           | 1/ PANEL  | 3/4 X 3/4 X 1/8" SQ. TUBE              | ALUMINUM |                                |
| 22             | -           | AS REQD.  | CLOSED CELL FOAM PAD (1-1/8" X 2")     | -        | AT TOP AND BOTTOM OF JAMB      |
| 23             | 007-00-005  | -         | L/H INTERIOR PULL W/ NIGHT LATCH       | -        |                                |
| 24             | 007-00-006  | -         | R/H EXTERIOR PULL W/ LOCK KNOCKOUT     | -        |                                |
| 25             | 007-00-033  | -         | KEEPER                                 | -        |                                |
| 26             | 012-00-130  | -         | HURRICANE ANGLE ANCHOR SCREW           | -        | #10 X 2" SMS OR 3/16" TAPCONS  |

WOOD BUCKS NOT BY TRACO SECURITY, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE  
 #10 SMS  
 1-3/8" MIN. WOOD PENETRATION  
 THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY  
 3/16" TAPCONS  
 1-1/4" MIN. MASONRY EMBED  
 TAPCONS BY 'ELCO' OR EQUIV. CONC. ANCHOR HOLDING CURRENT NOA.

**SEALANTS:**  
 ALL FRAME AND PANEL CORNERS AND INSTALLATIONS SCREWS  
 SEALED WITH WHITE/ALUMINUM COLORED 'SUPER SEAL' SEALANT.

Engr. DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. PE # 18557

*[Signature]*

MAY 16 2000

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE *June 29, 2000*  
 BY *Manuel*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. *00-0524-13*

*afc*

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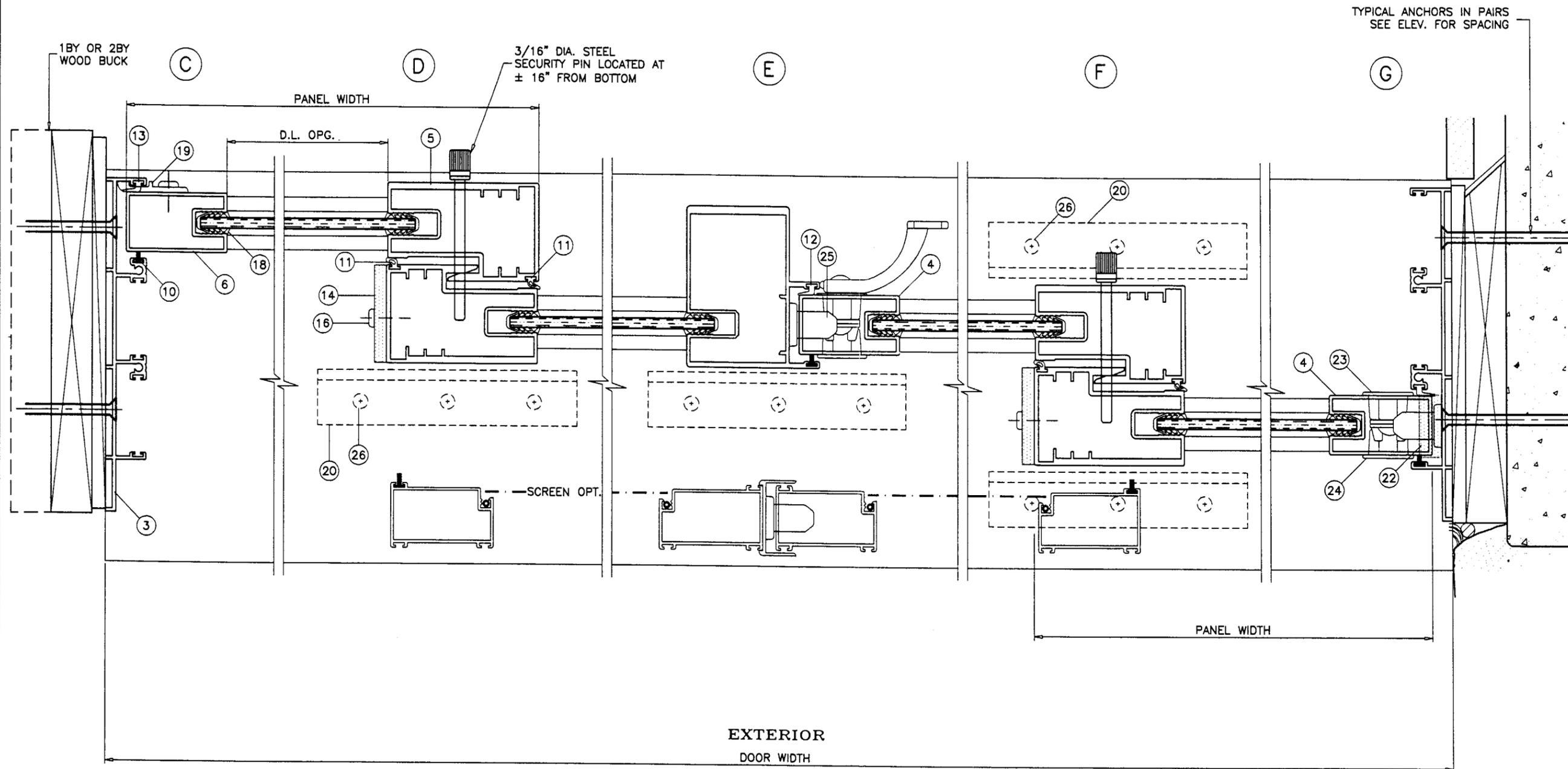
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| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
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date: 08-08-96  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W96-27**

sheet 2 of 4



*afc*

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Engr. DR. HUMAYGUN FAROOQ  
 STRUCTURES  
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*[Signature]*

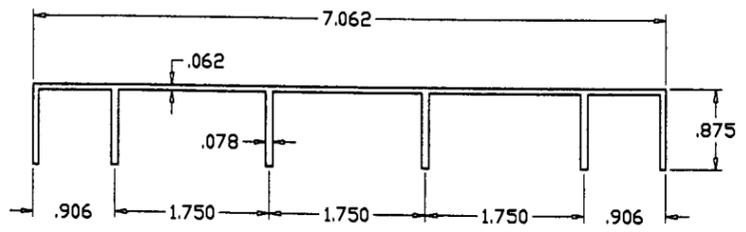
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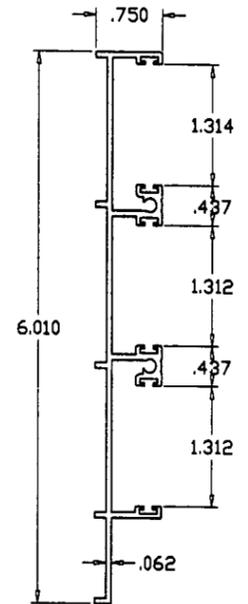
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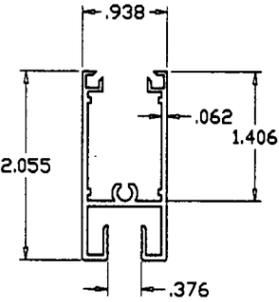
sheet 3 of 4



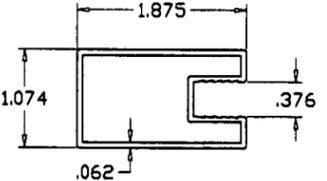
FRAME HEAD



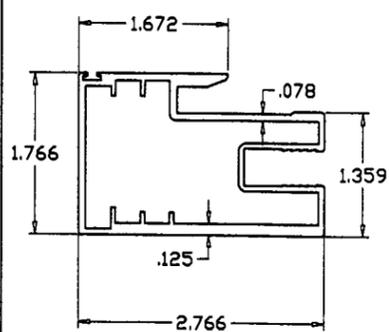
FRAME JAMB



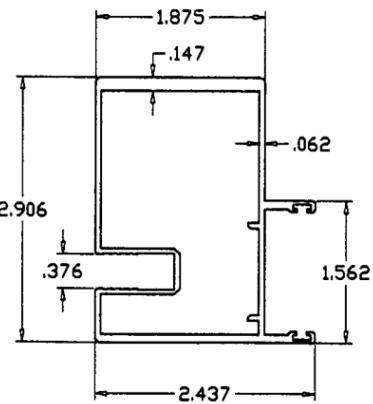
TOP RAIL



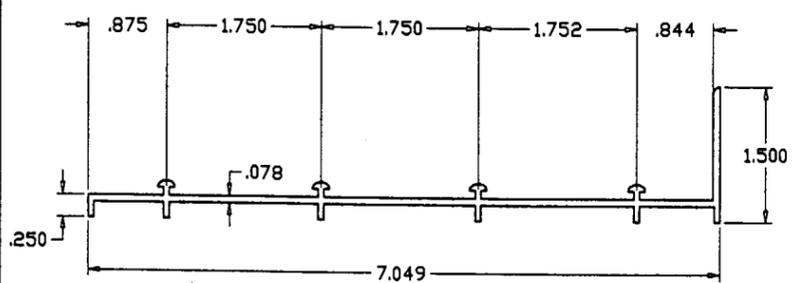
JAMB STILE



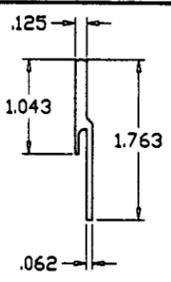
INTERLOCK



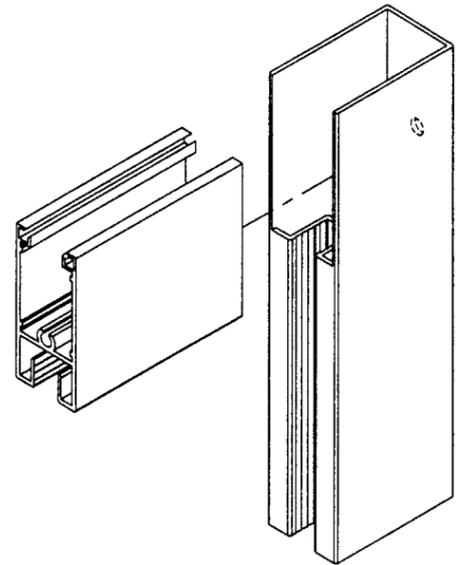
MEETING STILE



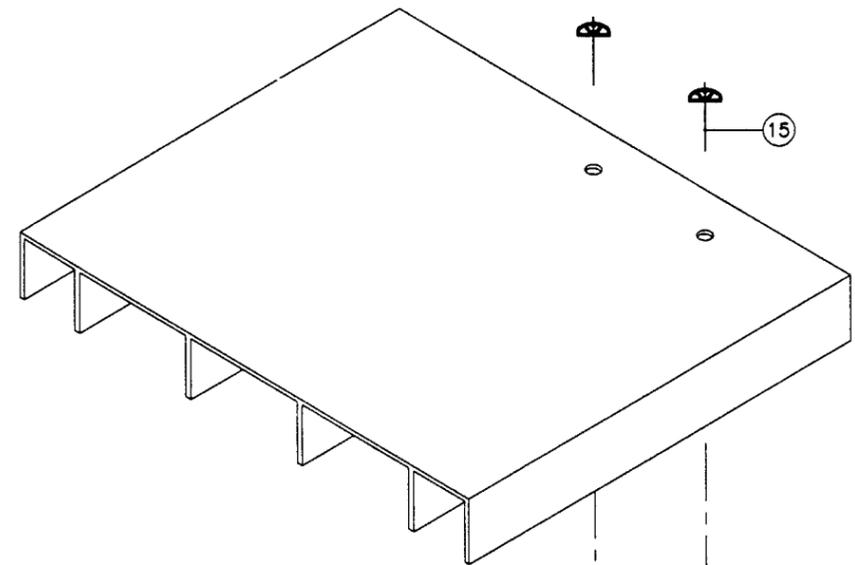
FRAME SILL



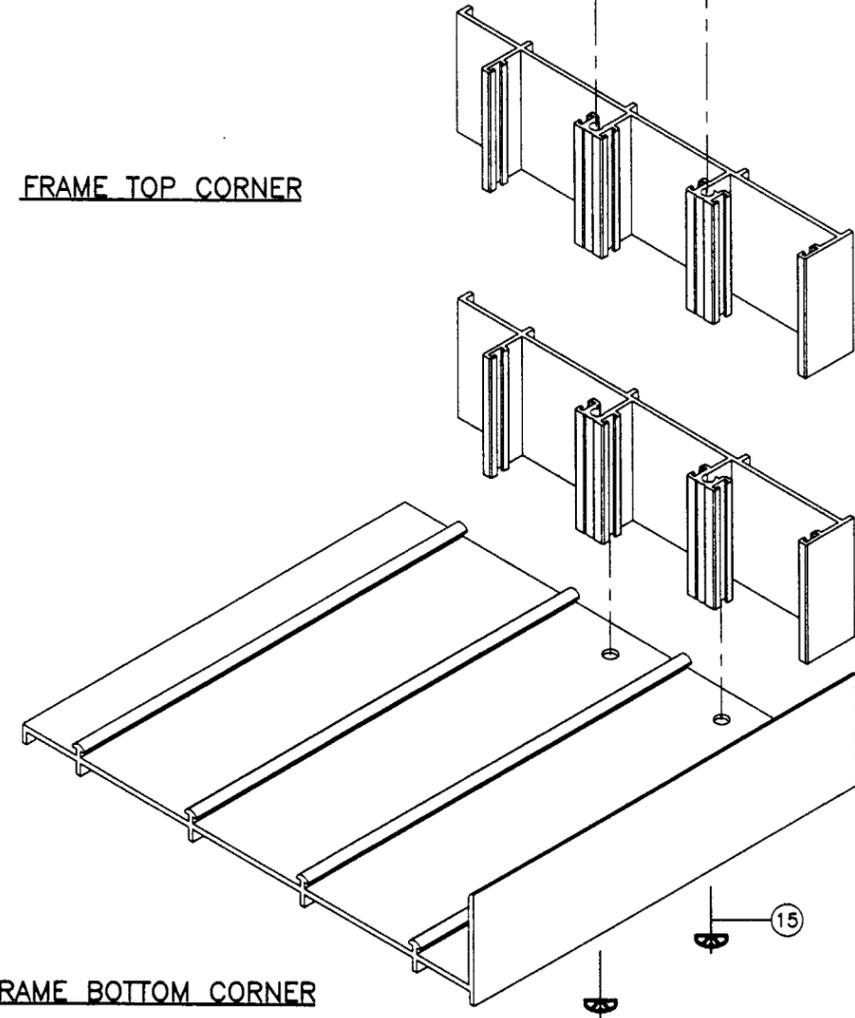
SILL RISER



PANEL TOP/BOTTOM CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 18557  
*[Signature]*  
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sheet 4 of 4