



**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

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

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

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

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Yale Ogron Manufacturing Co., Inc.**  
671 West 18 Street  
Hialeah, FL 33010

Your application for Notice of Acceptance (NOA) of:

**Aluminum Tube Mullion**

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 NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time 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 by 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.: 01-1204.02**  
**EXPIRES: 12/28/2006**

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 Miami-Dade County, Florida under the conditions set forth above.

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

**APPROVED: 01/03/2002**

APPROVED: January 3, 2002

EXPIRES: December 28, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

**1. SCOPE**

1.1 This **renews** Notice of Acceptance (NOA) No. **98-0923.02**, which was issued on December 10, 1998. It renews the approval of a structural mullion system, as described in Section 2 of this NOA, 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 **Unclipped Aluminum Tube Mullion System** and its components shall be constructed in strict compliance with the following document: Drawing No **M95-06A**, Sheets 1 through 1 of 1, titled "Mullions Details," prepared by Al Farooq Corporation, dated 11/20/95 and revised on 12/4/95, signed sealed by Humayoun Farooq, bearing the Miami-Dade County Product Control renewal stamp with the NOA number and expiration date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

- 3.1 Mullions are to be used only to support Windows and Doors, with a current Notice of Acceptance.
- 3.2 The maximum mullion span (length) shall be: 144" max. for 2" x 6" mullion, this dimension is reduced for smaller size mullions.
- 3.3 Both mullion (size and span), as well as anchor (type) selected design pressure rating, per load charts, must meet or exceed the pressure requirement for the opening in which it is to be installed.

**4. INSTALLATION**

- 4.1 The unclipped mullion system and its components shall be installed in strict compliance with the approved drawings.
- 4.2 This mullion **cannot** be installed as part of an impact resistant unit.

**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.



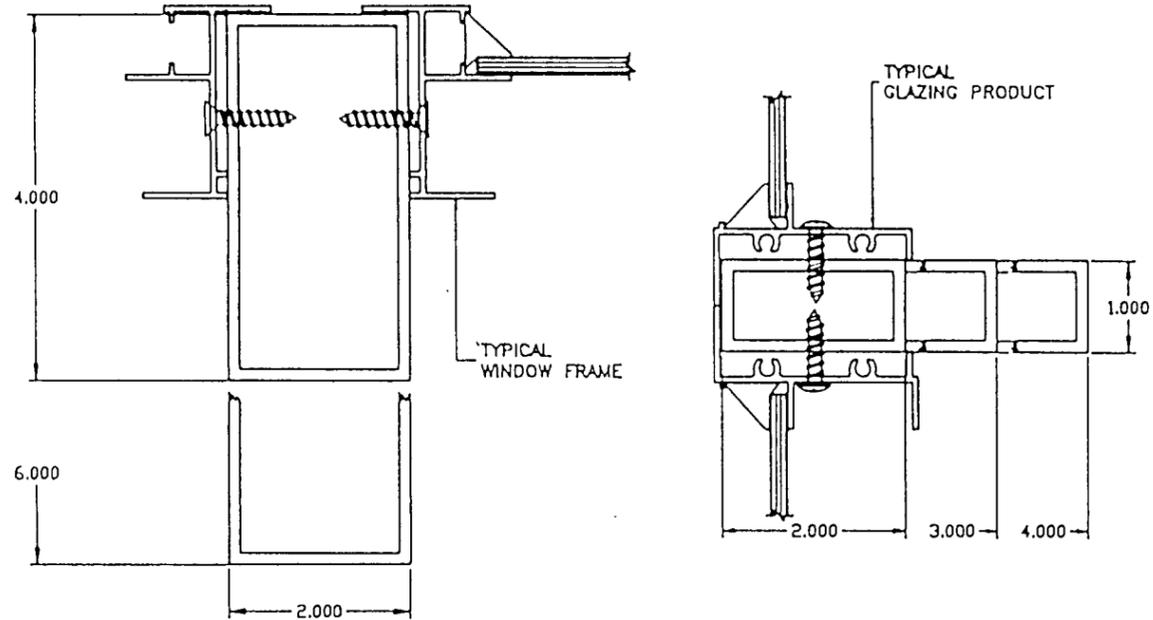
Raul Rodriguez, Chief  
Product Control Division

**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.

**END OF THIS ACCEPTANCE**

  
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Raul Rodriguez, Chief  
Product Control Division



MULLIONS CONTAINING TYPICAL GLAZING PRODUCTS  
HORIZONTAL OR VERTICAL  
 SEE WINDOW OR DOOR APPROVAL FOR FASTENERS SIZES AND SPACING

RECTANGULAR ALUMINUM TUBE MULLIONS  
USING MULLION PROPERTIES ONLY

NOTES:

1. ALL GLAZING PRODUCTS USED WITH THESE MULLIONS MUST MEET THE APPLICABLE DADE COUNTY REQUIREMENTS I.E. WIND LOAD, AIR & WATER INFILTRATION, FORCED ENTRY RESISTANCE, SAFEGUARDS ETC.
2. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL COVERING (STUCCO, TILE ETC.)
3. ANY CONDITIONS NOT COVERED IN THIS SUBMITTAL SUBJECT TO SEPARATE ENGINEERING REVIEW.
4. ALL MULLIONS TO BE ALLOY 6063-T5.

INSTRUCTIONS:

USE CHARTS AND GRAPHS AS FOLLOWS.

- STEP 1 DETERMINE DESIGN LOAD REQUIRED PER ASCE 7-88, FOR PARTICULAR OPENING.
- STEP 2 USE DADE COUNTY APPROVED GLAZING PRODUCTS MEETING ABOVE LOAD REQUIREMENTS.
- STEP 3 USE CONNECTION TO MULLION AS PER PRODUCT APPROVAL.
- STEP 4 SPECIFY MAXIMUM SHIM SPACING.
- STEP 5 USING GRAPHS ON SHEET 2 SELECT MULLION SIZE WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 6 USING ANCHOR TYPES ON SHEET 3, AND ANCHOR GRAPHS ON SHEET 2, SELECT ANCHOR TYPE WITH DESIGN RATING MORE THAN THE DESIGN LOADS SPECIFIED IN STEP 1 ABOVE.

**PRODUCT RENEWED**

ACCEPTANCE No. 01-1204.02  
 EXPIRATION DATE December 28, 2006  
 By [Signature]  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

**PRODUCT RENEWED**

ACCEPTANCE No. 98-0923.02  
 EXPIRATION DATE December 28, 2001  
 By [Signature]  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE DECEMBER 28, 1995  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 95-0515.09

ENGINEER: HUMAYOUN FAROOQ  
 PE # 16557

DEC 06 1995

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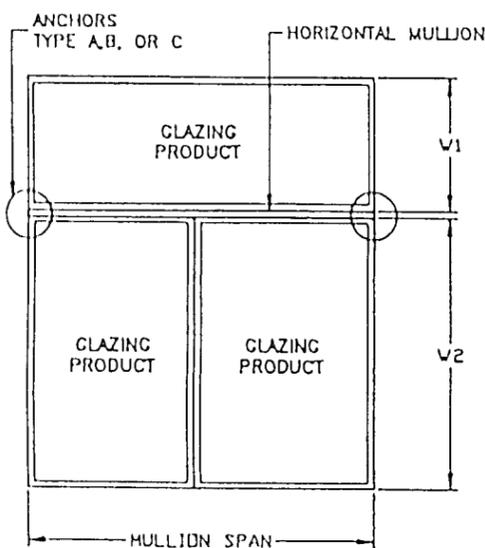
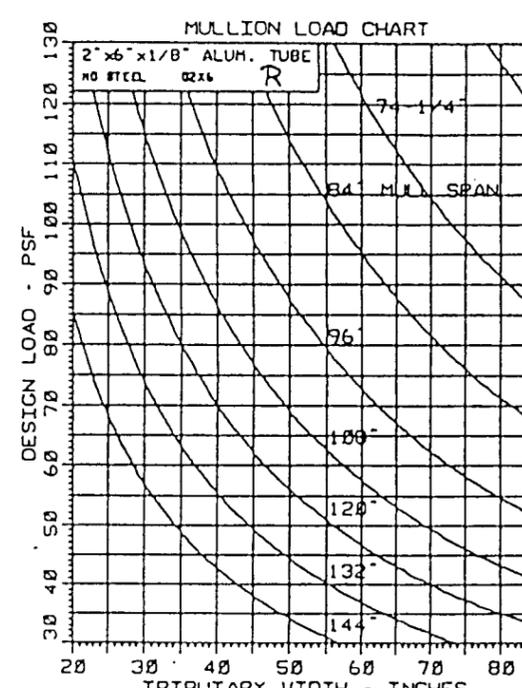
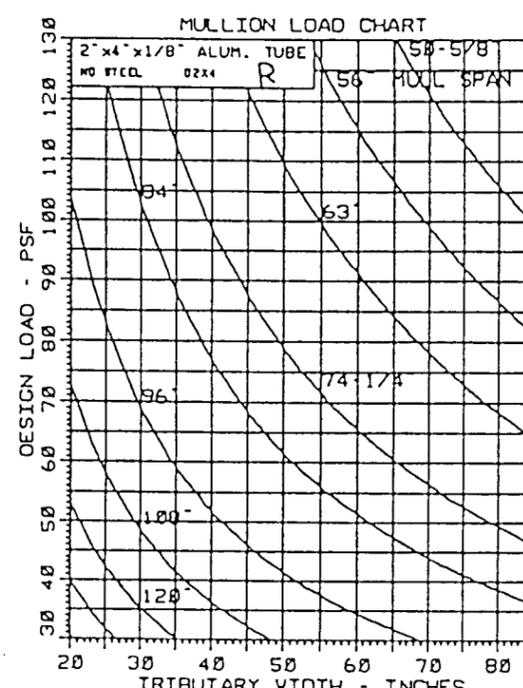
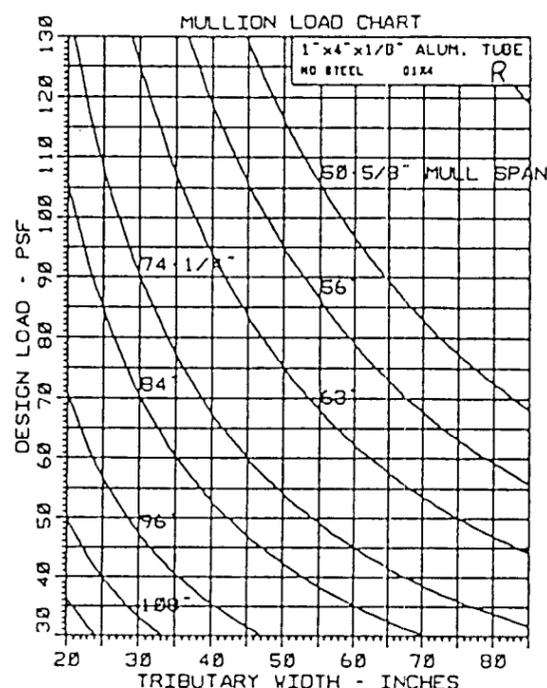
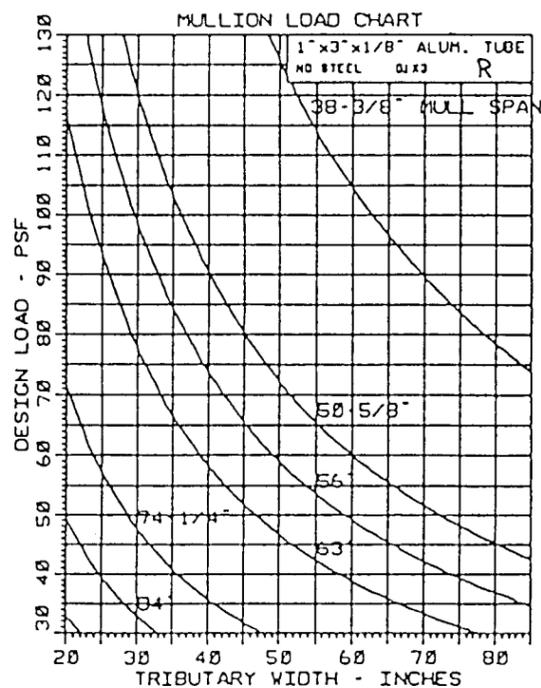
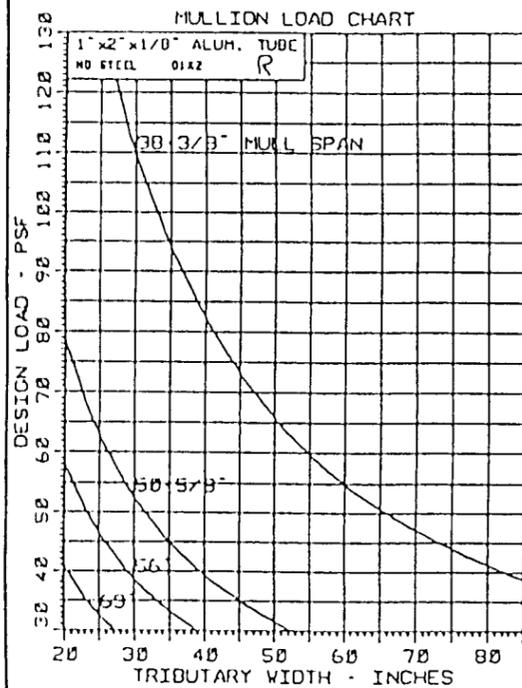
**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT TESTING  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 (305) 264-8100  
 M95-06A

**MULLION DETAILS**  
 YALE OGRON MFG.  
 671 WEST 18TH ST.  
 HIALEAH, FL. 33010  
 (305) -- 887-2646

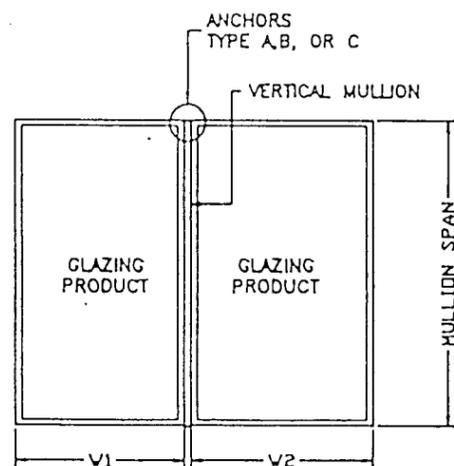
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 design by:  
 drawn by: HAFD  
 checked by:

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 sheet 1 of 3

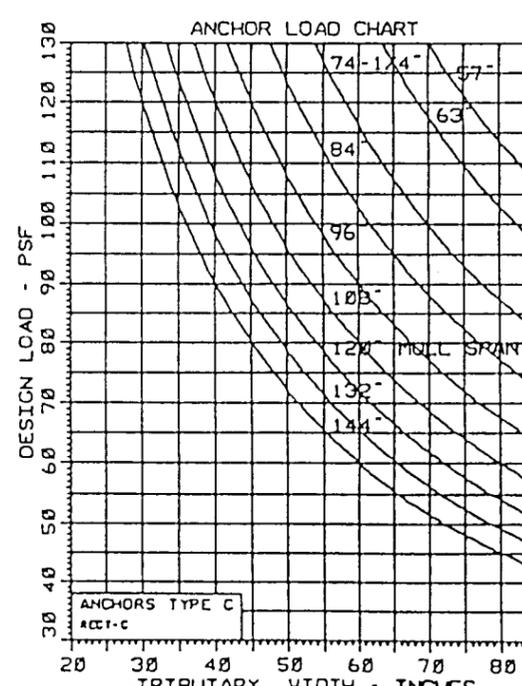
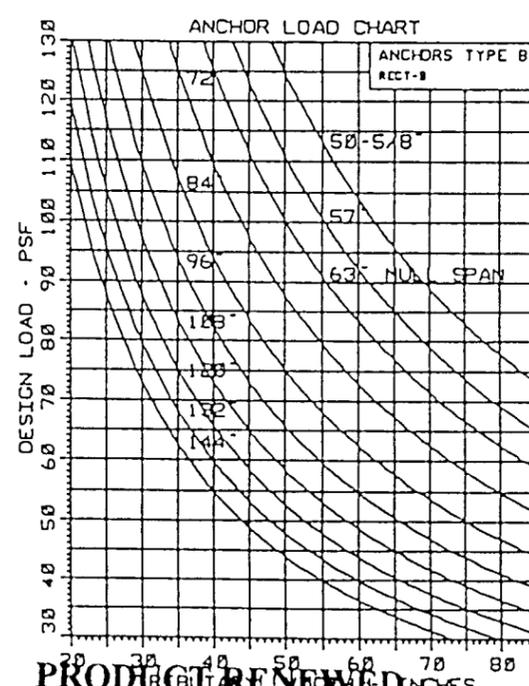
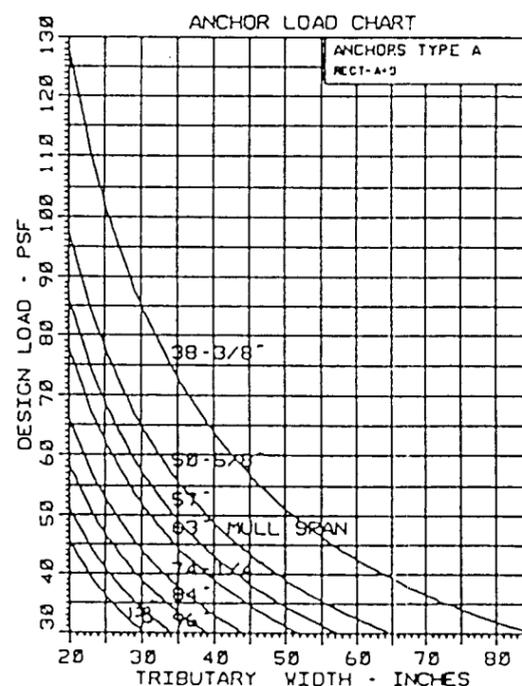


$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$



$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$

TYPICAL MULLION ARRANGEMENTS



**PRODUCT RENEWED**

ACCEPTANCE No. 98-0923.02  
 EXPIRATION DATE December 28, 2001  
 By Manuel Serrano  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

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APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE DECEMBER 28, 1995  
 By [Signature]  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE No. 95-0515.09

ENGINEER: HUMAYOUN FAROOQ  
 PE # 16557

DEC 06 1995

FOR ANCHORS DESCRIPTION SEE SHEET 3 OF 3, -

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**AL-FAROOQ CORPORATION**  
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 1235 SW 87 AVE  
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 M95-06A

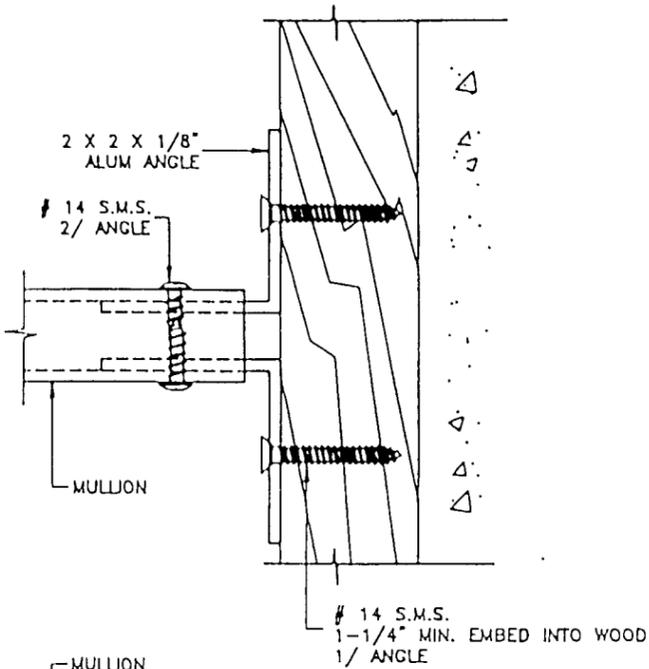
MULLION DETAILS  
 YALE OGRON MFG.  
 671 WEST 18TH ST.  
 HIALEAH, FL. 33010  
 (305) - 887-2646

NO.	DATE	BY DESCRIPTION
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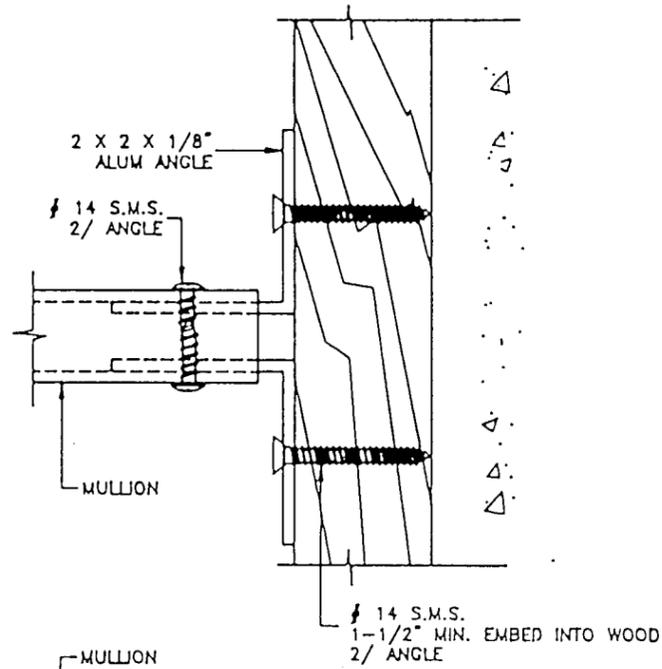
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Drawing no.  
**M95-06A**  
 sheet 2 of 3

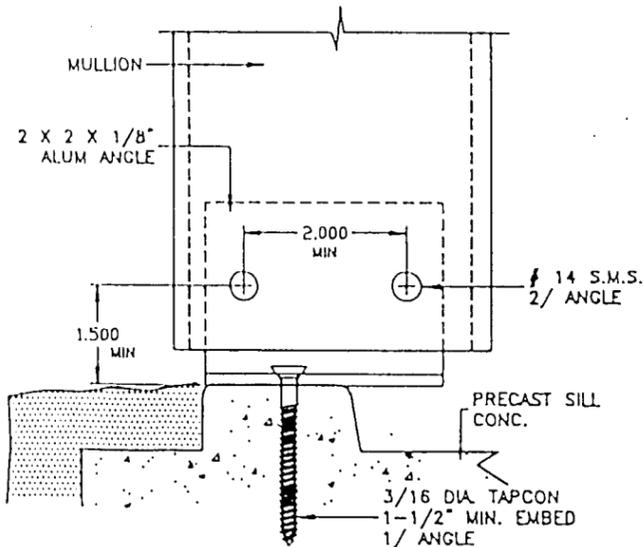
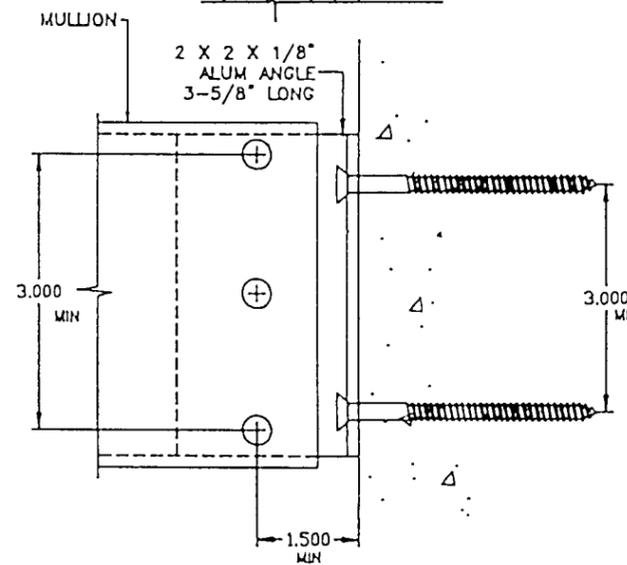
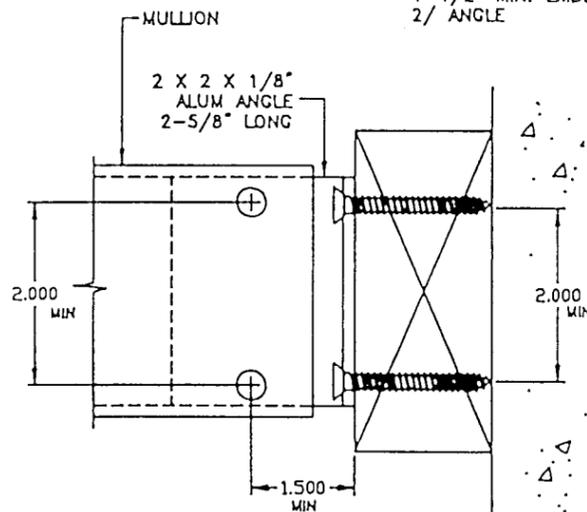
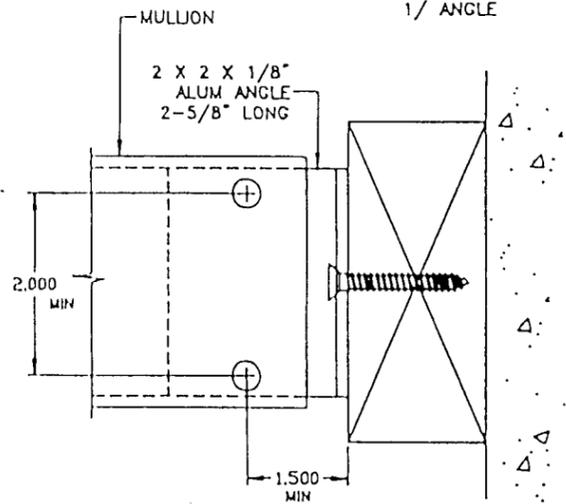
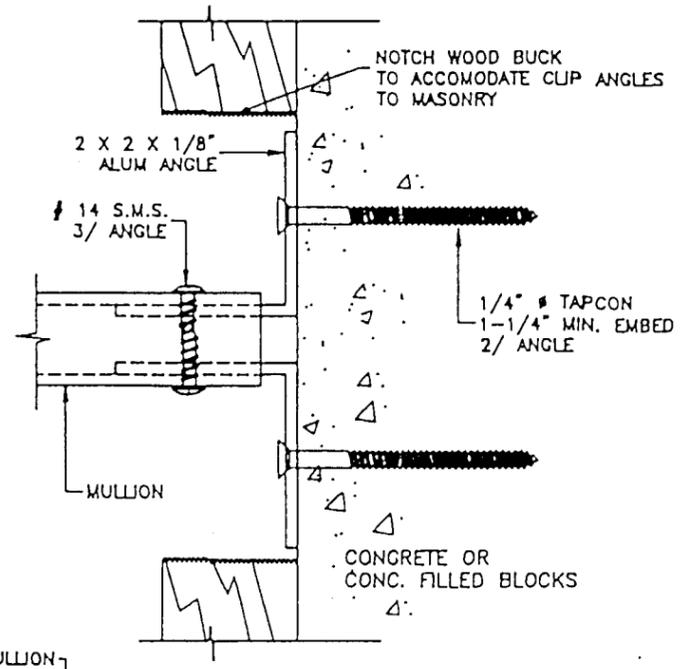
ANCHORS TYPE 'A'



ANCHORS TYPE 'B'



ANCHORS TYPE 'C'



WOOD BUCKS NOT BY YALE OGRON MUST SUSTAIN LOADS IMPOSED.

PRODUCT RENEWED

ACCEPTANCE No. 01-1204.02

EXPIRATION DATE December 28, 2006

By *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

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EXPIRATION DATE December 28, 2001

By *[Signature]*  
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By *[Signature]*  
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ACCEPTANCE No. 95-0515.09

ENGINEER: HUMAYOUN FAROOQ  
PE # 16557

DEC 06 1995

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(305) - 887-2646

NO.	DATE	DESCRIPTION
A	11.2.04.95	REVISION

date: 11-20-95  
scale: 1/2" = 1'  
design by: *[Signature]*  
drawn by: HAJIB  
checked by:

drawing no. M95-06A  
sheet 3 of 3