



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

**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: Aluminum Tube Mullion - Impact**

**APPROVAL DOCUMENT:** Drawing No. **M95-06A**, dated 11/20/95, with revision A dated 06/24/02, titled "Aluminum Tube Mullions", sheets 1 through 4, prepared by Al-Farooq Corporation, 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.

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

**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.

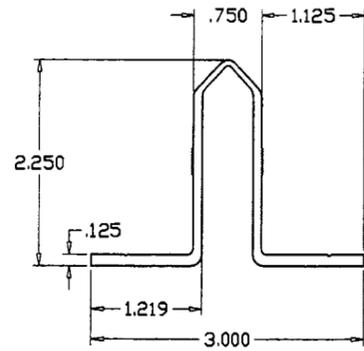
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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 **revises NOA # 01-1204.02** and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**

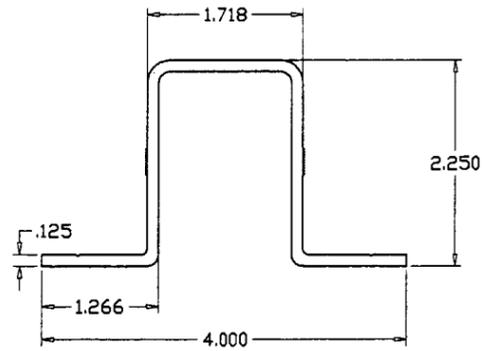


**NOA No 02-0227.01  
Expiration Date: December 28, 2006  
Approval Date: August 8, 2002  
Page 1**



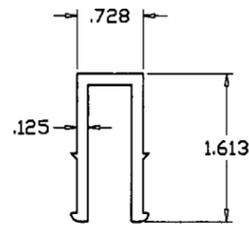
**MULLION CLIP (YE-65)** (6063-T6)

(ALT. TO ANGLES)  
CLIP LENGTHS MUST BE CUT TO FIT SNUG INTO TUBE MULLIONS.



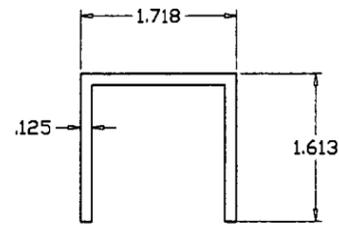
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(ALT. TO ANGLES)  
CLIP LENGTHS MUST BE CUT TO FIT SNUG INTO TUBE MULLIONS.



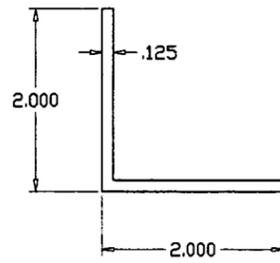
**MULLION CLIP** (6063-T5)

CLIP LENGTHS MUST BE CUT TO FIT SNUG INTO TUBE MULLIONS.  
(NO SIDE FASTENERS REQD.)

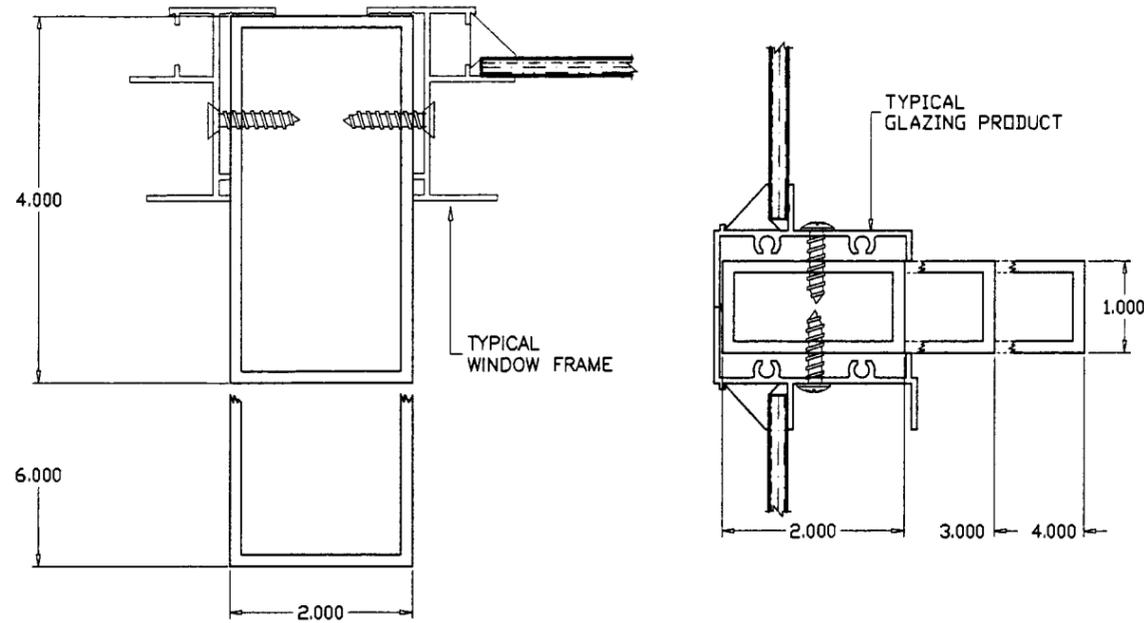


**MULLION CLIP** (6063-T5)

CLIP LENGTHS MUST BE CUT TO FIT SNUG INTO TUBE MULLIONS.  
(NO SIDE FASTENERS REQD.)



**ANGLE CLIP** (6063-T5)



**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**

MULLION SYSTEM IS RATED FOR LARGE MISSILE IMPACT. AND CAN BE USED WITH ALL MIAMI-DADE COUNTY APPROVED IMPACT AND NON-IMPACT RESISTANT PRODUCTS.

**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 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 4, AND ANCHOR GRAPHS ON SHEET 3, SELECT ANCHOR TYPE WITH DESIGN RATING MORE THAN THE DESIGN LOADS SPECIFIED IN STEP 1 ABOVE.

Engr: DR. HUMAYDUN FAROOQ  
STRUCTURES  
FLA. PE # 16557

AUG 02 2002

Approved as complying with the  
Florida Building Code  
Date AUG. 8, 2002  
NOA# 02-0227-01  
Miami Dade Product Control  
Division  
By Manuel Perez



**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
MULLION\M95-06A-YO

ALUMINUM TUBE MULLIONS

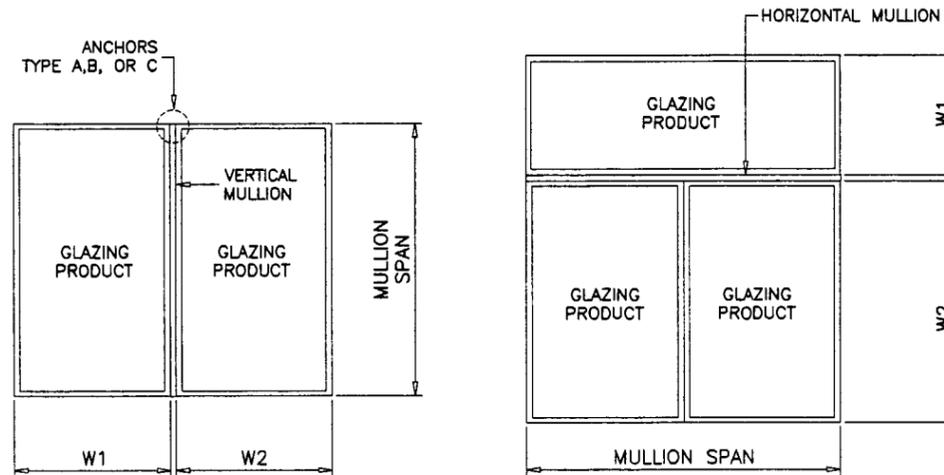
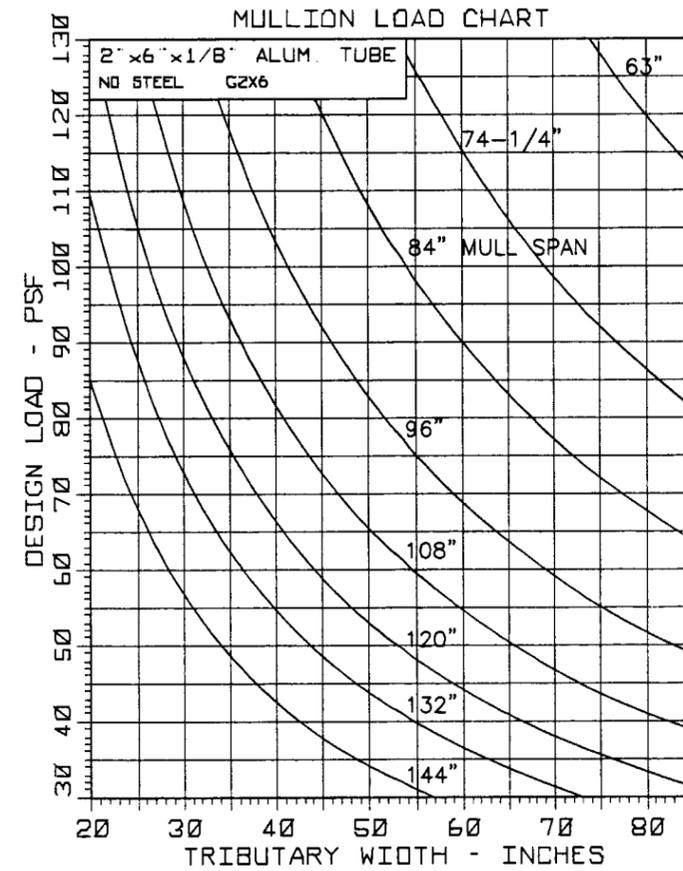
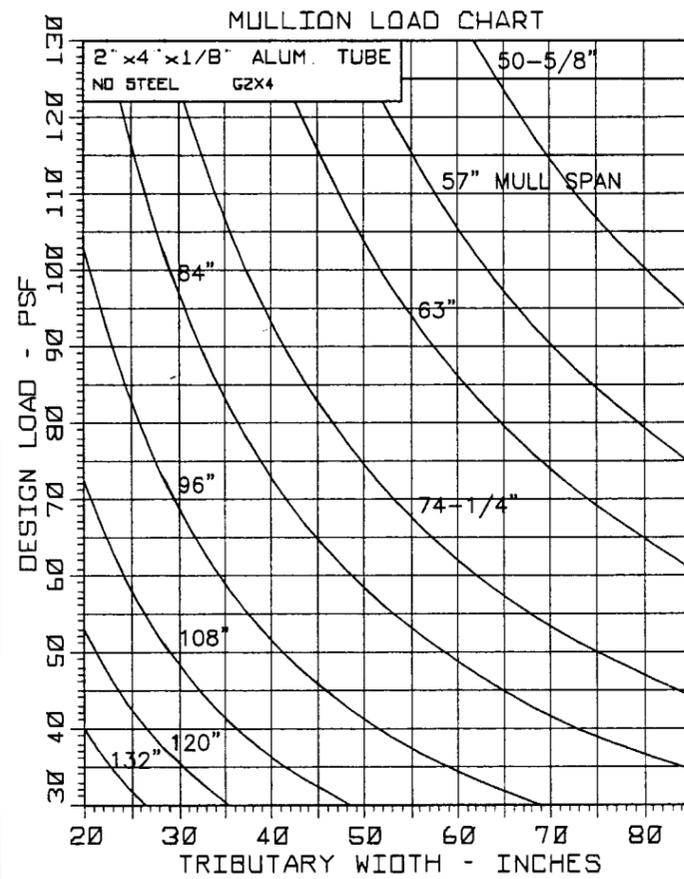
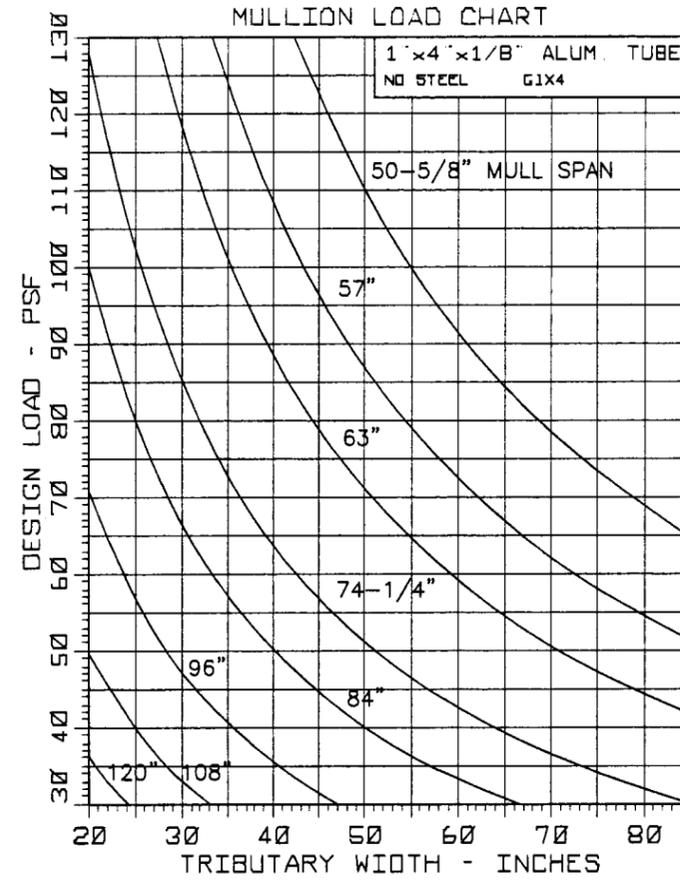
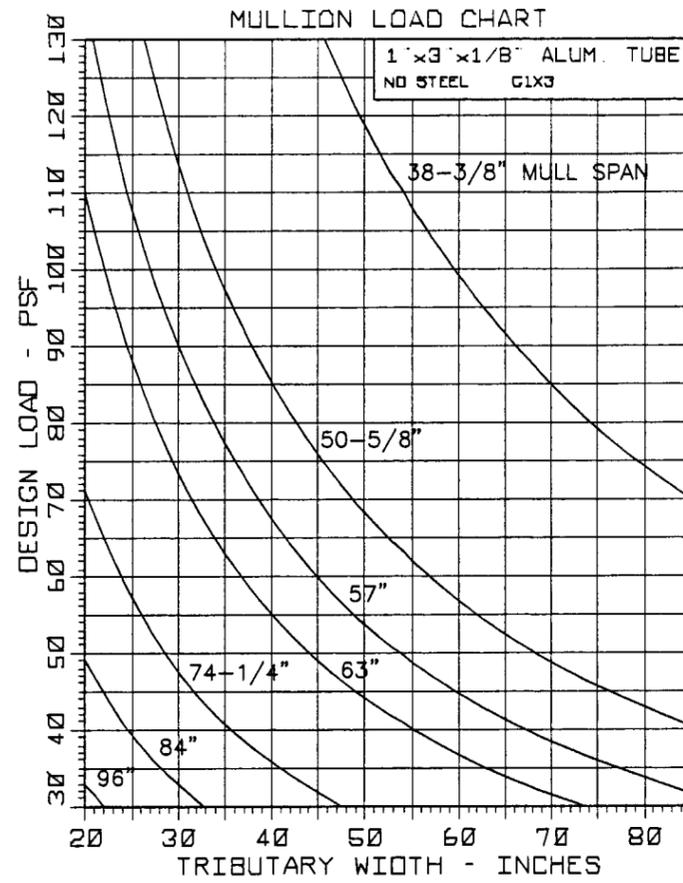
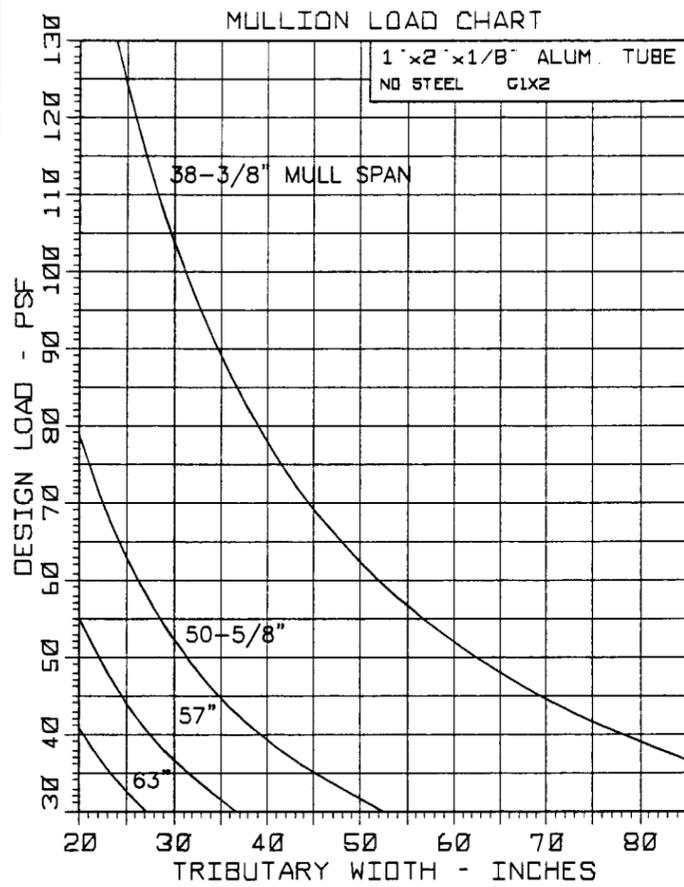
**YALE OGRON MFG. CO. INC.**  
671 WEST 18TH STREET  
HIALEAH, FL. 33010-2480  
TEL. (305) 887-2646 FAX (305) 883-1309

no	date	by	description
A	12.04.95	H	GENERAL REVISION
A	06.24.02	H	GENERAL REVISION

date: 11-20-95  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**M95-06A**

sheet 1 of 4



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

TYPICAL MULLION ARRANGEMENTS

Engr: DR. HUMAYOON FAROOQ  
STRUCTURES  
FLA. PE # 16557

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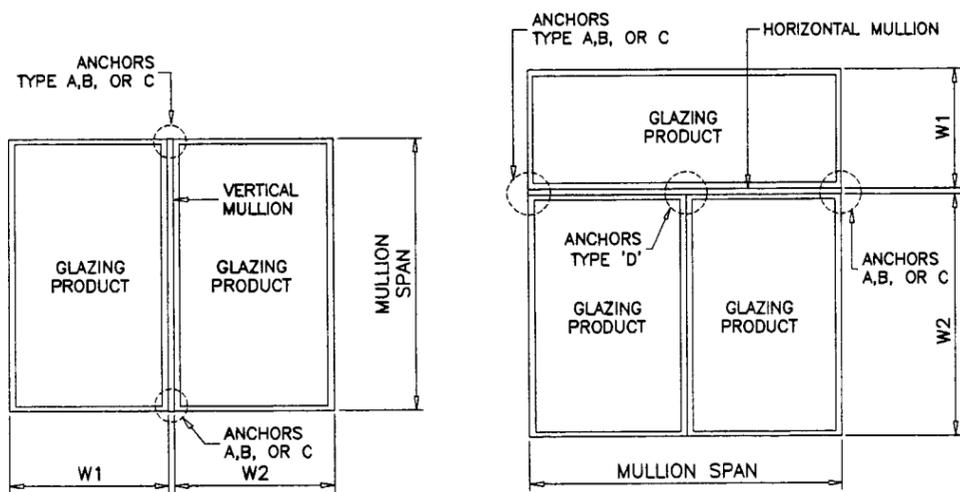
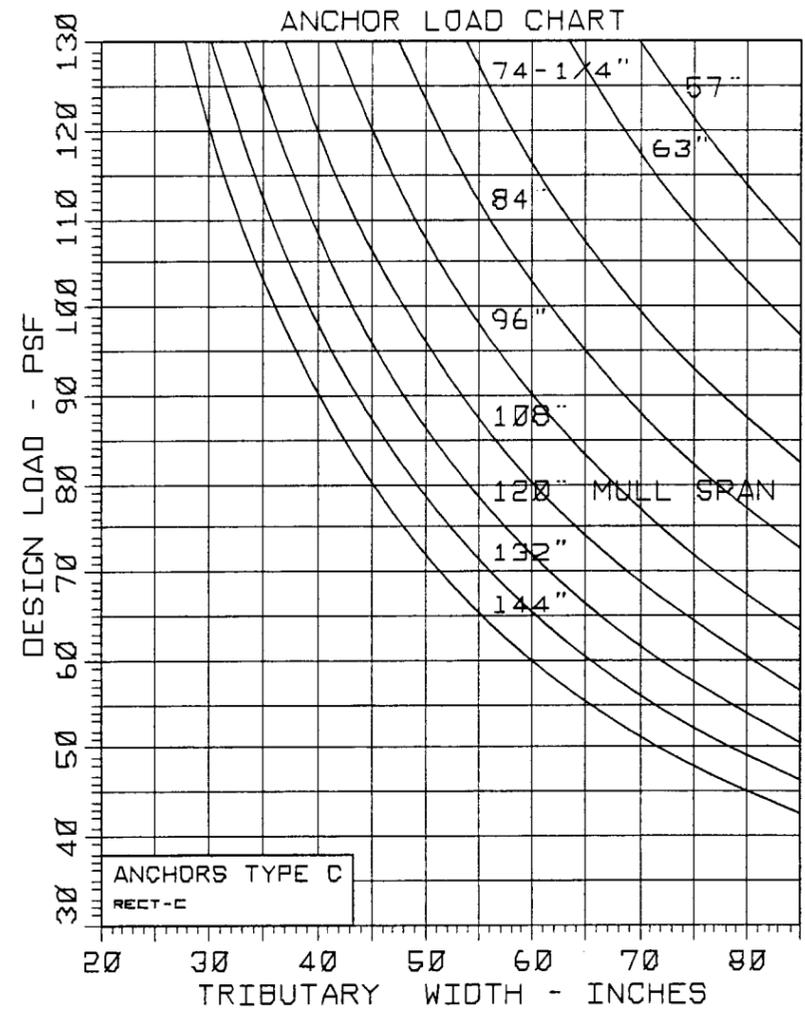
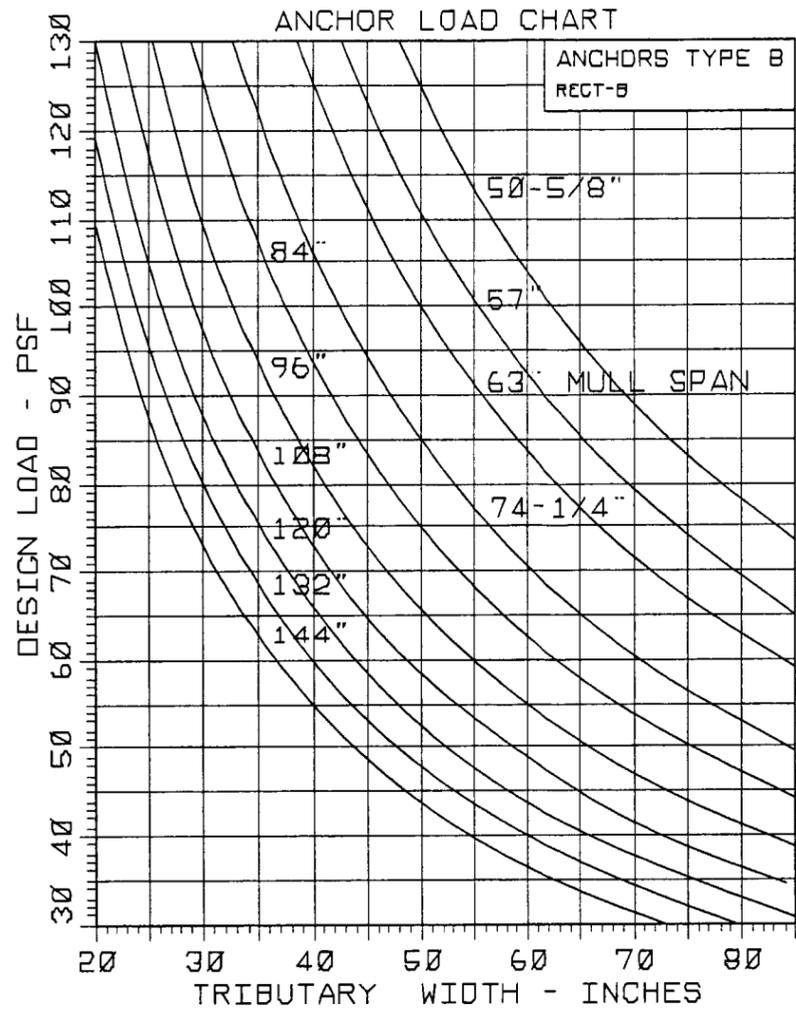
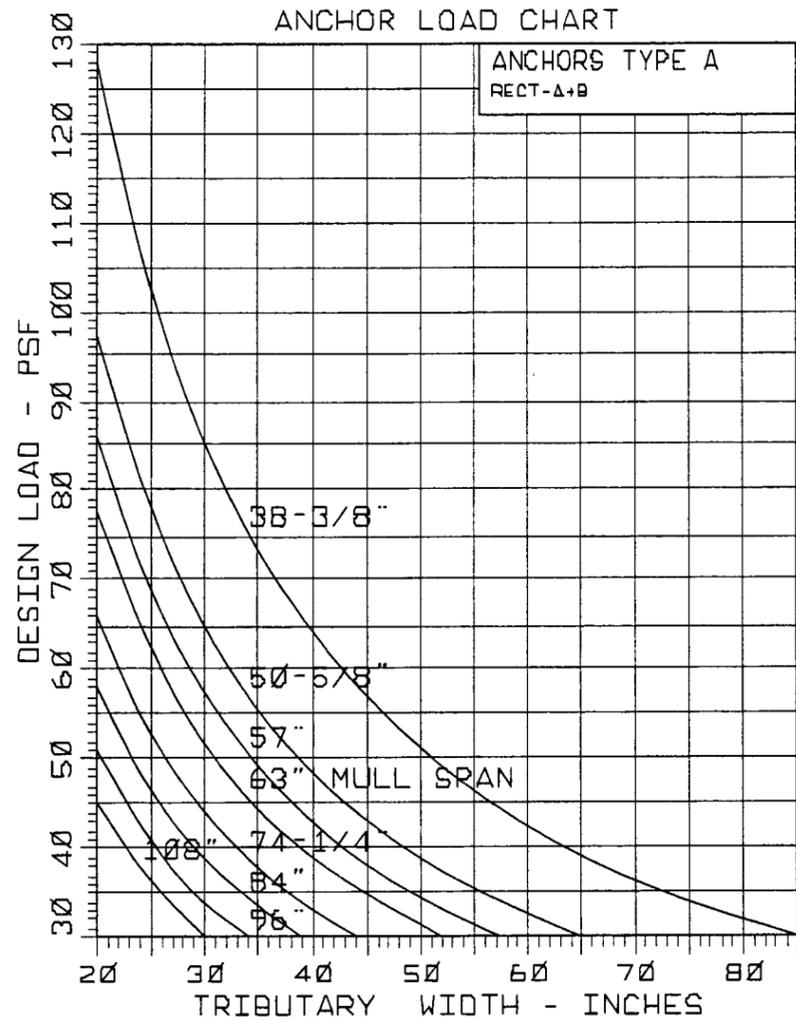
**AL-FAROOQ CORPORATION**  
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MULLION M95-06A-YO

ALUMINUM TUBE MULLIONS  
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no	date	by	description

date: 11-20-95  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**M95-06A**  
sheet 2 of 4



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

TYPICAL MULLION ARRANGEMENTS

FOR ANCHORS DESCRIPTION SEE SHEET 4 OF 4.

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

AUG 02 2002

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By: *[Signature]*

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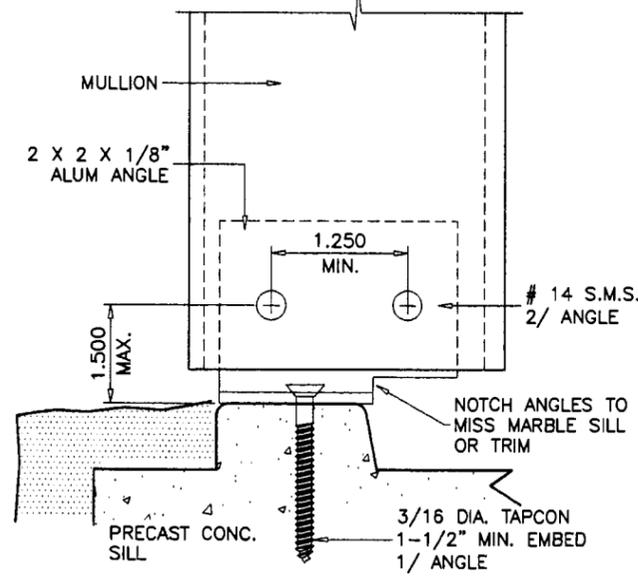
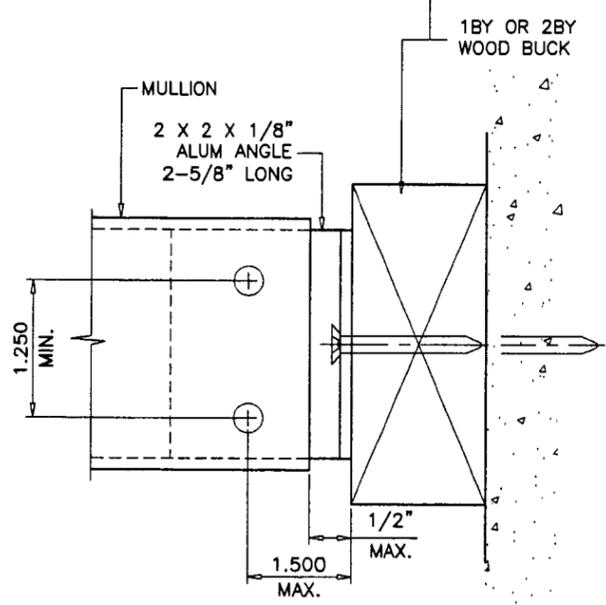
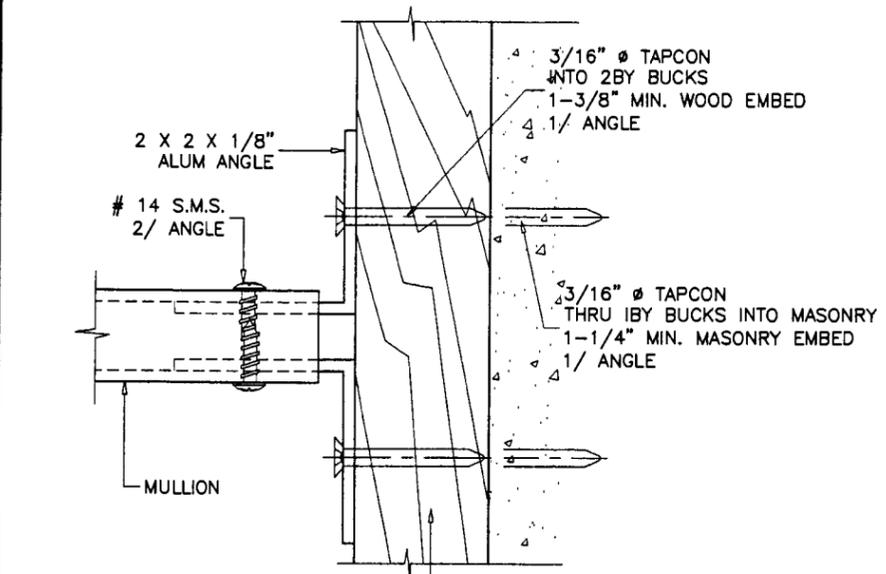
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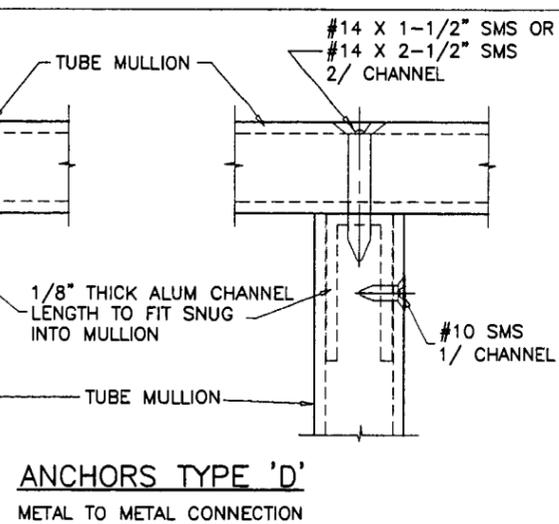
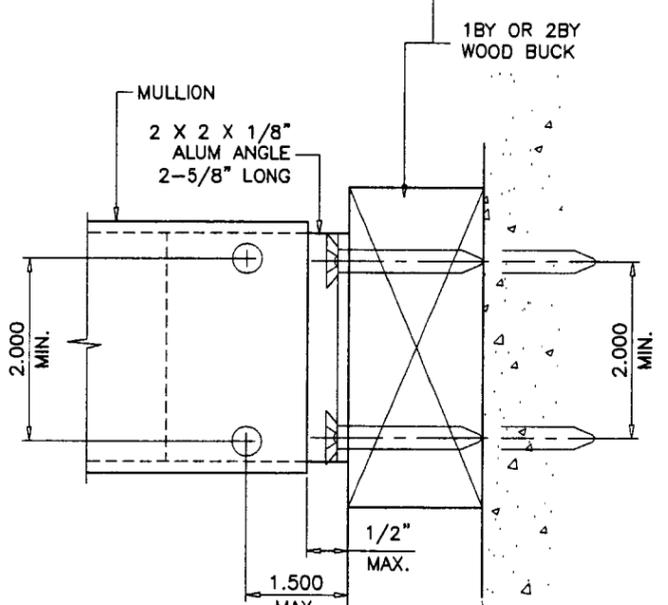
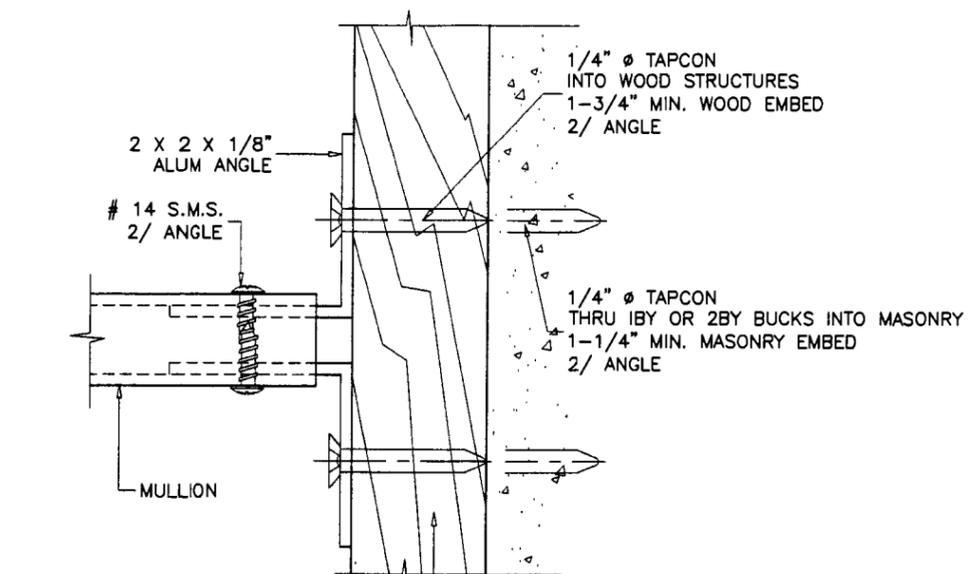
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sheet 3 of 4

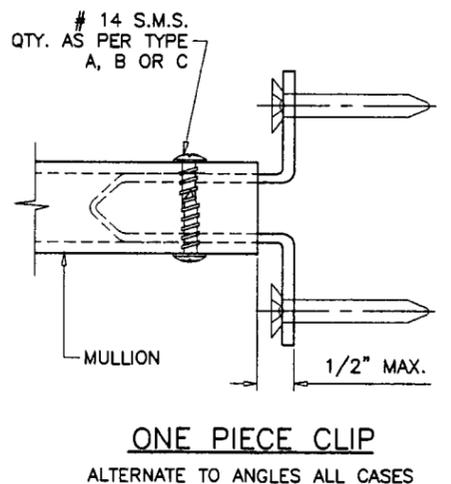
**ANCHORS TYPE 'A'**



**ANCHORS TYPE 'B'**

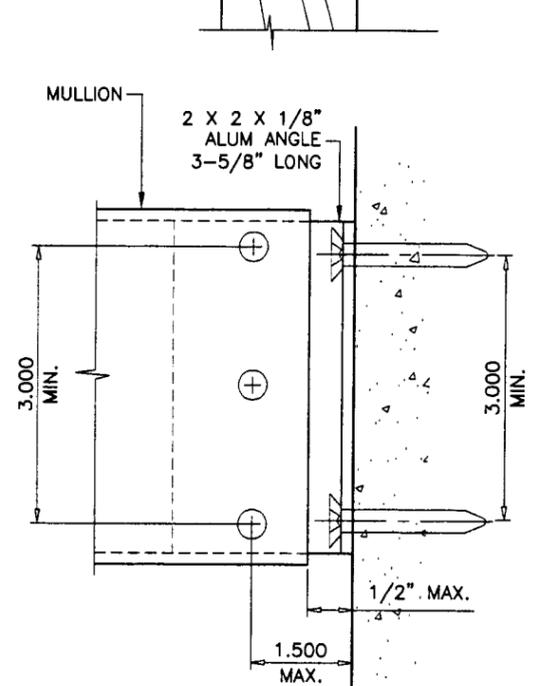
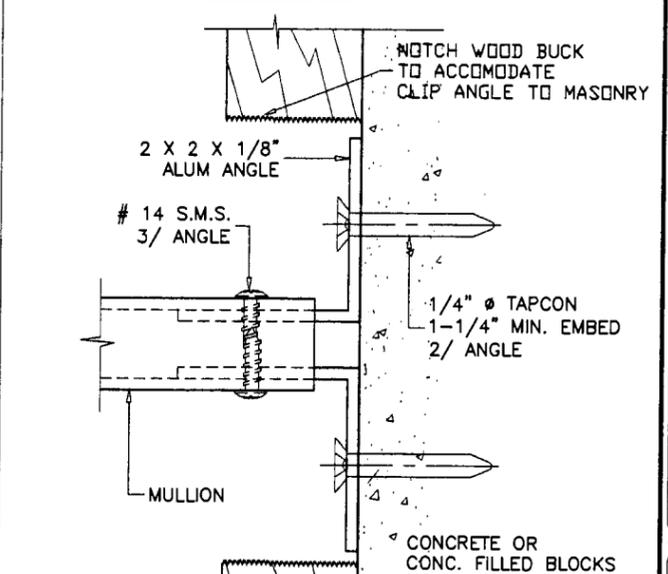


**ANCHORS TYPE 'D'**  
METAL TO METAL CONNECTION



**ONE PIECE CLIP**  
ALTERNATE TO ANGLES ALL CASES

**ANCHORS TYPE 'C'**



WOOD BUCKS NOT BY YALE OGRON  
MUST SUSTAIN LOADS IMPOSED.

Engr. DR. HUMAYOUN FAROOQ  
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FLA. PE # 16557

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