



**MIAMI-DADE COUNTY**  
**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) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

[www.maimidade.gov/buildingcode](http://www.maimidade.gov/buildingcode)

**Pino's Window Corporation**  
**7191 NW 77 Terrace**  
**Medley, 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 Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Aluminum Tube Mullion – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **M95-18A**, titled "Aluminum Tube Mullions", sheets 1 through 4 of 4, dated 12/07/95, with last revision C dated 05/05/08, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration 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 and renews** NOA # **07-0322.12** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



*Signature*  
 5/31/08

**NOA No. 08-0514.10**  
**Expiration Date: March 28, 2012**  
**Approval Date: June 26, 2008**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **M95-18A**, titled "Aluminum Tube Mullions", sheets 1 through 4 of 4, dated 12/07/95, with last revision C dated 05/05/08, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

**B. TESTS**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of Aluminum Fixed Windows Mullied Together, prepared by Fenestration Testing Laboratory, Test Report No. **FTL-5562**, dated 03/29/08, signed and sealed by Carlos S. Rionda, P.E.

**C. CALCULATIONS**

1. Mullion clip anchoring calculations, prepared by Al-Farooq Corporation., dated 05/02/08, signed and sealed by Humayoun Farooq, P.E.
2. Anchor and mullion calculations, prepared by Al-Farooq Corporation., dated 02/24/07, signed and sealed by Humayoun Farooq, P.E.  
*"Submitted under NOA # 07-0322.12"*

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of conformance issued by Al-Farooq Corporation, dated 05/02/08, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest issued by Al-Farooq Corporation, dated 05/02/08, signed and sealed by Humayoun Farooq, P.E.
3. Laboratory compliance statement issued by Fenestration Testing Laboratory, Inc., dated 03/29/08, signed and sealed by Carlos S. Rionda, P.E.

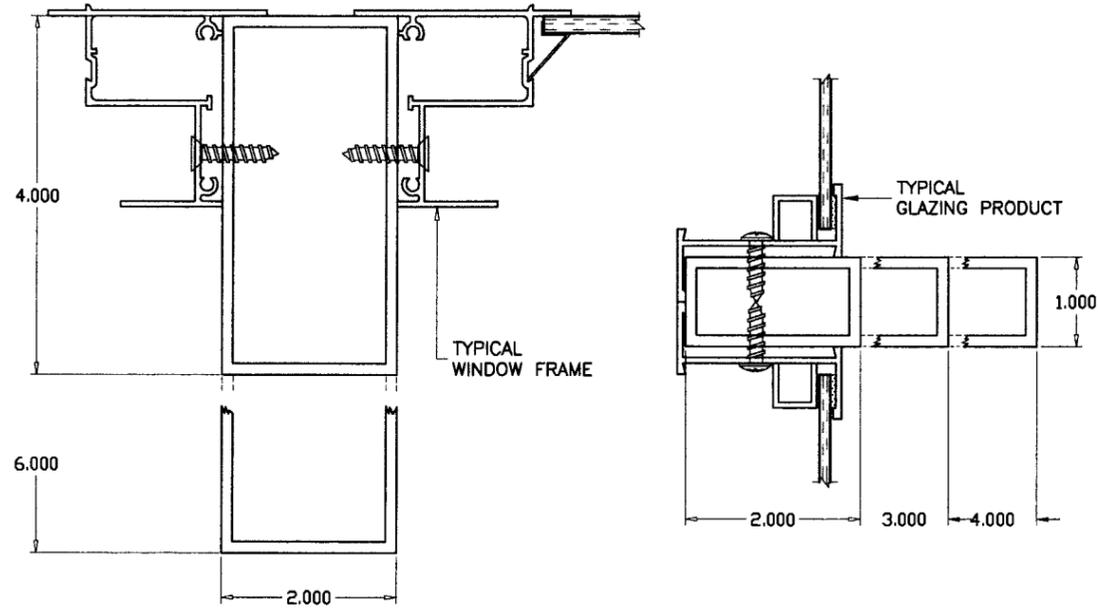
**G. OTHER**

1. Notice of Acceptance No. **07-0322.12**, issued to Pino's Window Corporation, approved on 05/24/07 and expiring on 03/28/08.

  
5/31/08

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 08-0514.10

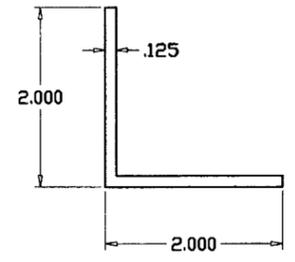
Expiration Date: March 28, 2012  
Approval Date: June 26, 2008



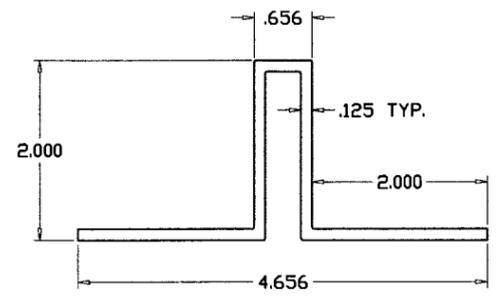
**MULLIONS CONTAINING TYPICAL GLAZING PRODUCTS  
HORIZONTAL OR VERTICAL**

SEE WINDOW OR DOOR APPROVAL FOR FASTENERS SIZES AND SPACING

ALL MULLIONS 6063-T6 MIN.

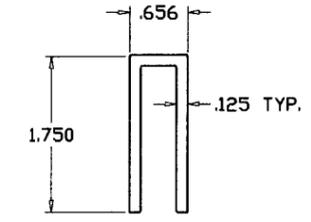


**ANGLE CLIP (6063-T5)**



**MULLION CLIP (6063-T6)**

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



**MULLION CLIP LEGS REMOVED**

**RECTANGULAR ALUMINUM TUBE MULLIONS  
USING MULLION PROPERTIES ONLY**

**NOTES:**

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004/2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ALL GLAZING PRODUCTS USED WITH THESE MULLIONS MUST MEET THE APPLICABLE BUILDING CODE REQUIREMENTS I.E: WIND LOAD, WATER INFILTRATION, FORCED ENTRY RESISTANCE, SAFEGUARDS ETC.

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL COVERING (STUCCO, TILE ETC.).

ANCHORING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.

**INSTRUCTIONS:**

USE CHARTS AND GRAPHS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN LOAD REQUIRED PER ASCE 7 FOR PARTICULAR OPENING.
- STEP 2** USE MIAMI-DADE COUNTY APPROVED GLAZING PRODUCTS MEETING ABOVE LOAD REQUIREMENTS.
- STEP 3** USE CONNECTION TO MULLION AS PER PRODUCT APPROVAL.
- STEP 4** USING GRAPHS ON SHEET 2 SELECT MULLION SIZE WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5** 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.

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

Eng: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 08-0514.10  
Expiration Date 03/28/12

By: *[Signature]*  
Miami Dade Product Control  
Division  
MAY 06 2008

**af c**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
MULLION M95-18A

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ALUMINUM TUBE MULLIONS

**PINO WINDOWS CORPORATION**  
6860 N.W. 75TH STREET  
MEDLEY, FL. 33166  
TEL. (305) 888-9946 FAX (305) 888-8079

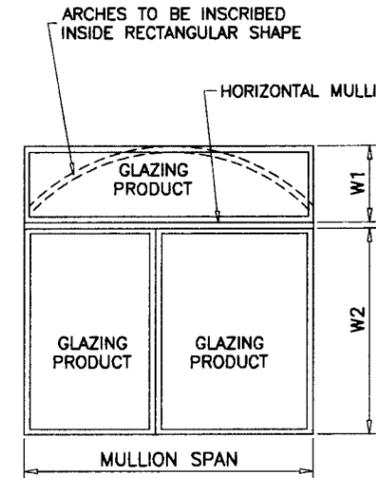
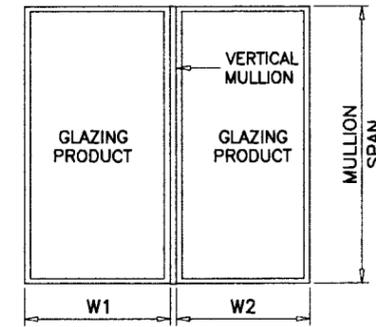
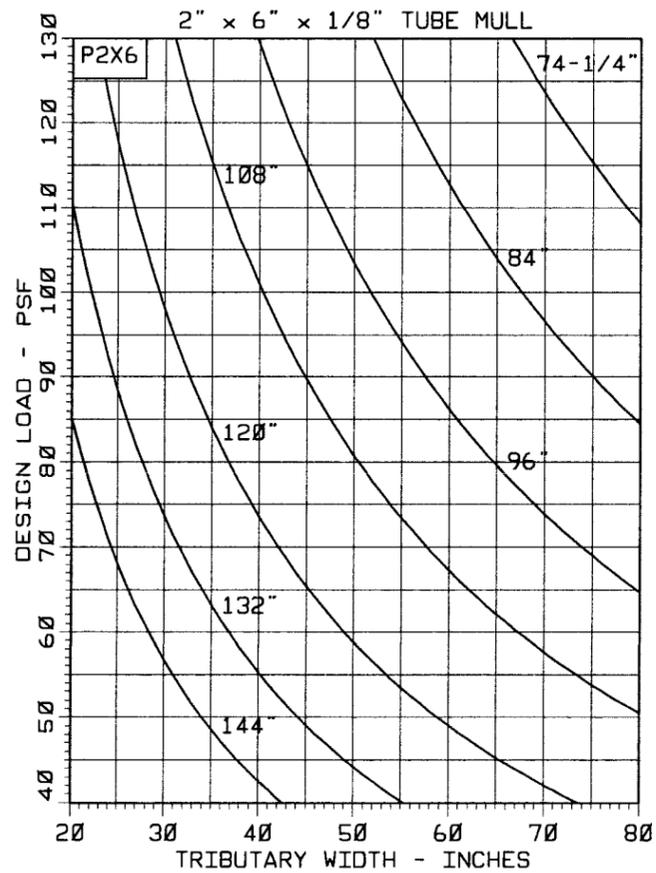
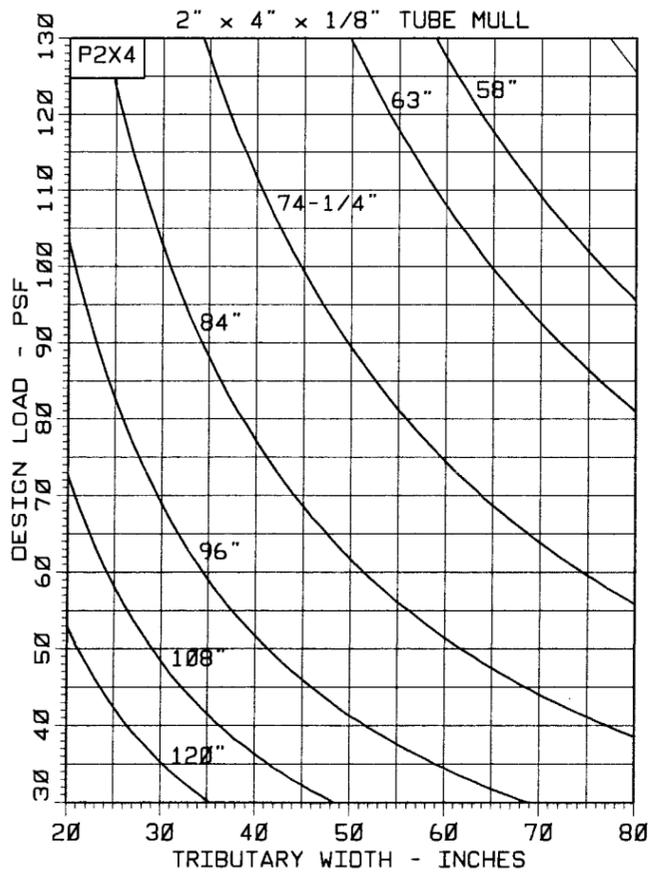
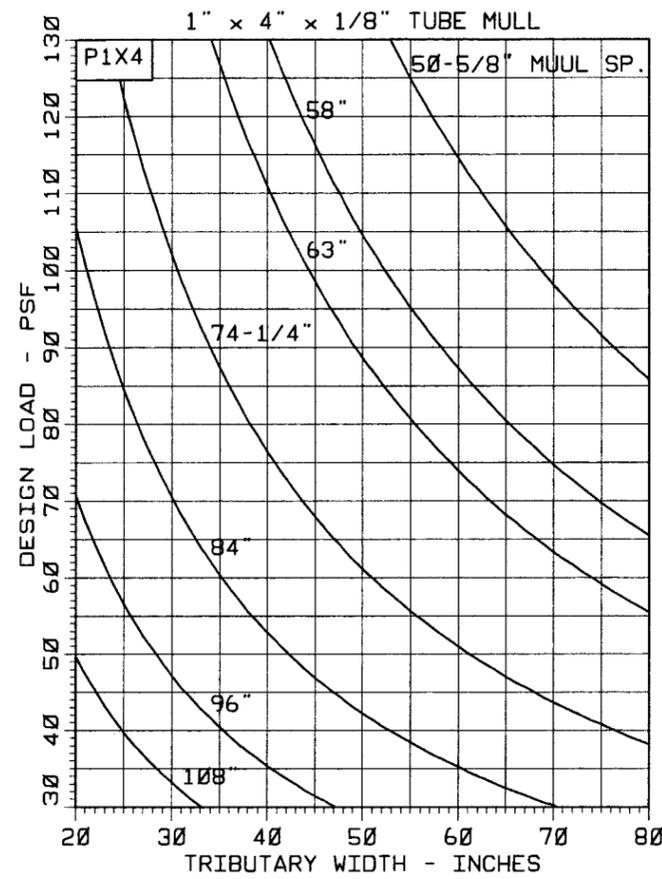
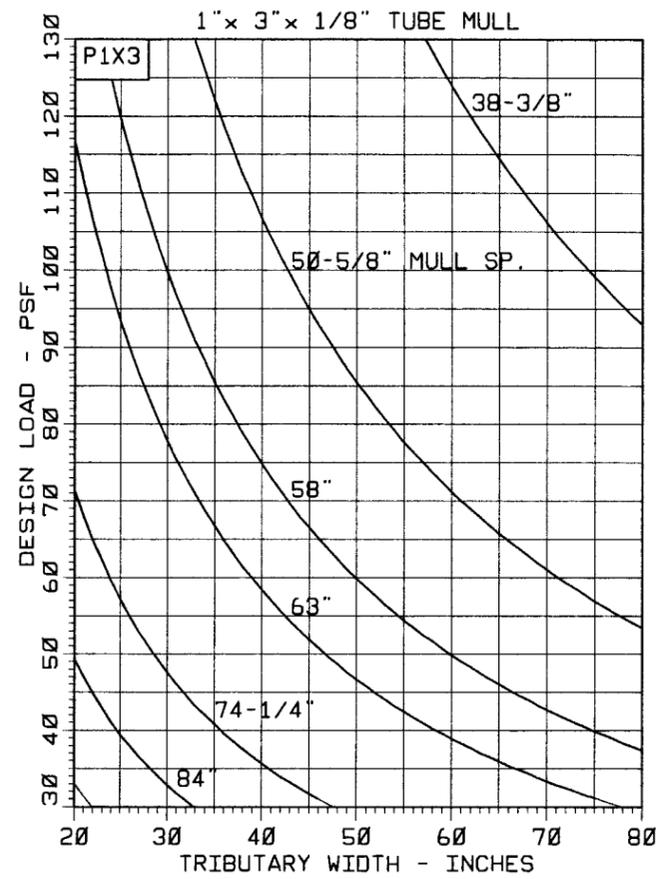
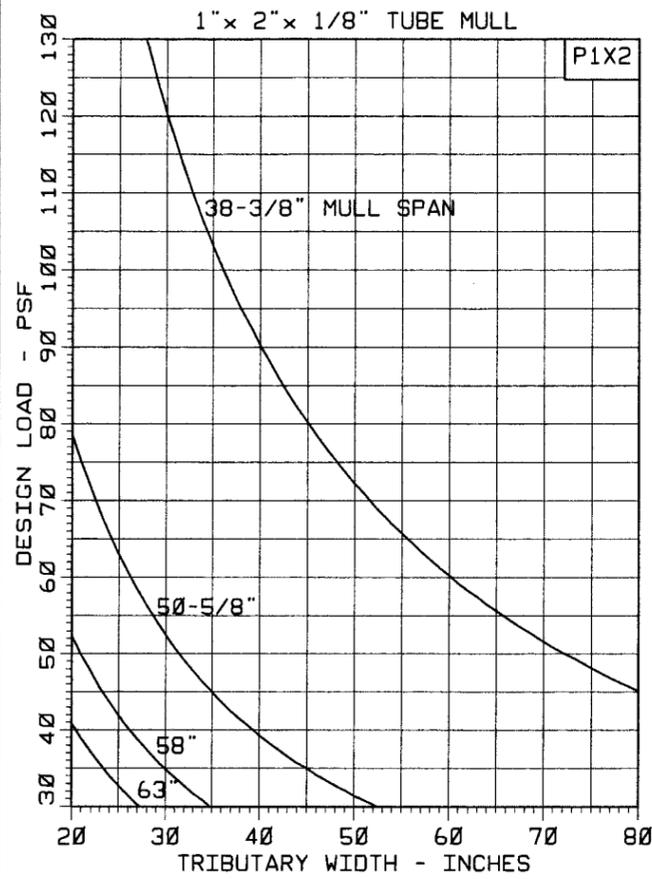
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B	02.26.07		UPDATED FOR 2004 FBC
C	05.05.08		MULL CLIP ADDED

revisions:

date: 12-07-95  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**M95-18A**

sheet 1 of 4



TYPICAL MULLION ARRANGEMENTS

$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

**NOTE:**  
MULLIONS RATED IN THESE CHARTS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY.  
(INTERPOLATION BETWEEN WIDTHS ALLOWED)

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 18557  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 08-0514-10  
Expiration Date 03/28/12

By *[Signature]*  
Miami-Beach Product Control  
Division

MULLIONS

MAY 06 2008

**af c**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

**ALUMINUM TUBE MULLIONS**  
**PINO WINDOWS CORPORATION**  
6860 N.W. 75TH STREET  
MEDLEY, FL. 33166  
TEL. (305) 888-9946 FAX (305) 888-8079

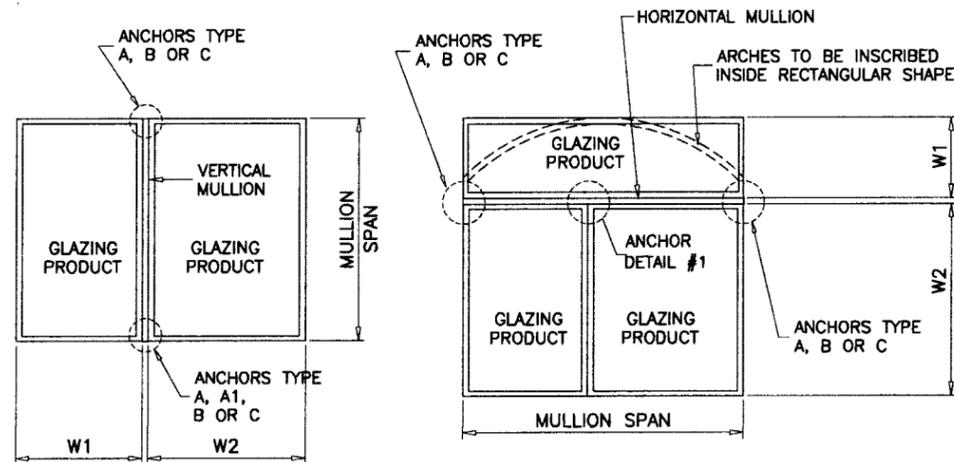
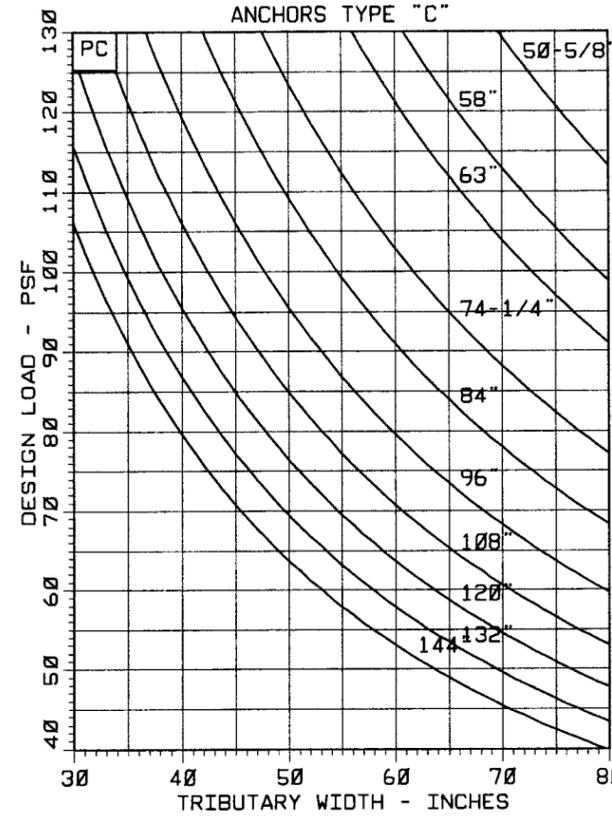
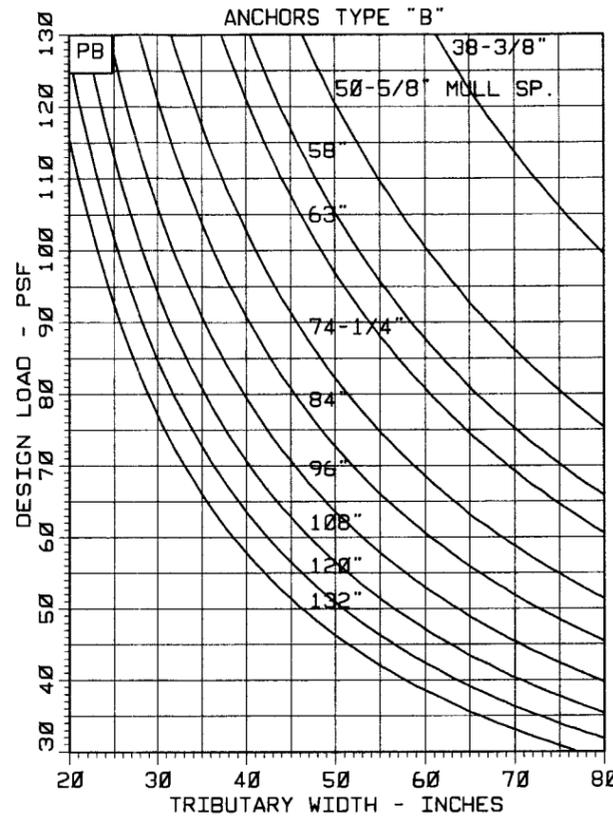
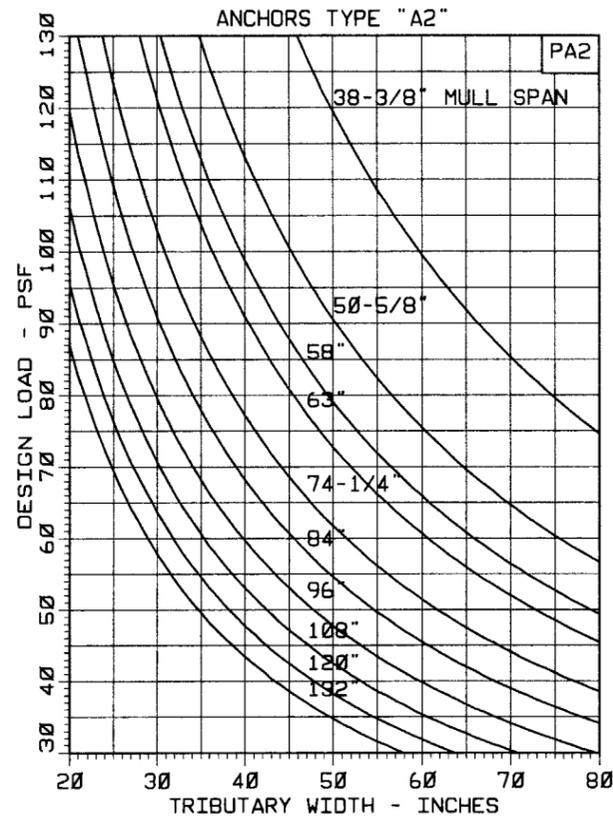
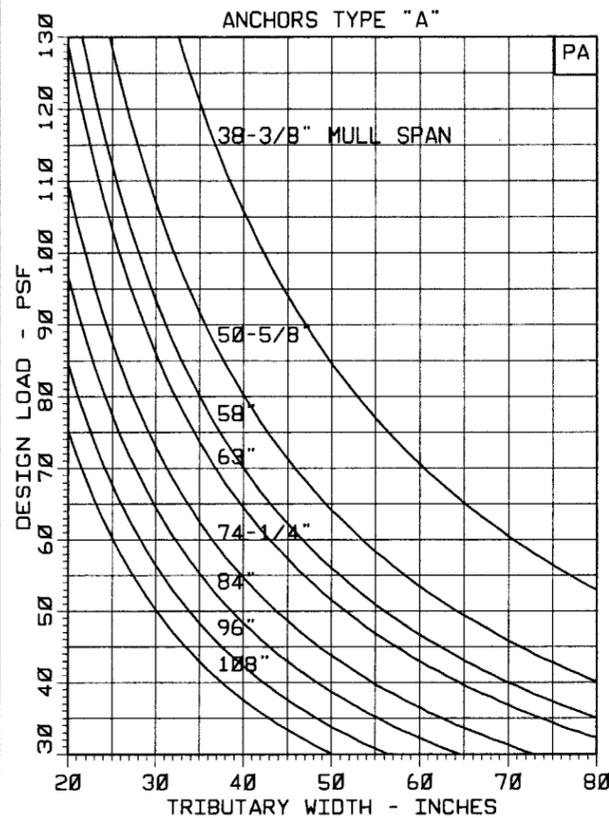
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B	02.26.07		UPDATED FOR 2004 FBC
C	05.05.08		NO CHANGE THIS SHEET

date: 12-07-95  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**M95-18A**

sheet 2 of 4

MULLION\M95-18A



TYPICAL MULLION ARRANGEMENTS

$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

**NOTE:**  
 ANY ANCHOR CONDITION SHOWN HEREIN MAY COVER LOCATIONS AT HEAD, SILL OR JAMB ENDS.  
 FOR ANCHORS DESCRIPTION SEE SHEET 4.  
 (INTERPOLATION BETWEEN WIDTHS OR SPANS ALLOWED)

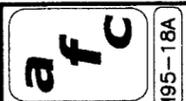
Engr: DR. HUMAYOUN FARCOQ  
 STRUCTURES  
 FLA. PE # 18557  
 C.A.N. 3538

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 08-0514-10  
 Expiration Date 03/28/12

By: *[Signature]*  
 Miami/Dade Product Control  
 Division

**ANCHORS**

MAY 06 2008



**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978

ALUMINUM TUBE MULLIONS  
**PINO WINDOWS CORPORATION**  
 6860 N.W. 75TH STREET  
 MEDLEY, FL. 33166  
 TEL. (305) 888-9946 FAX (305) 888-8079

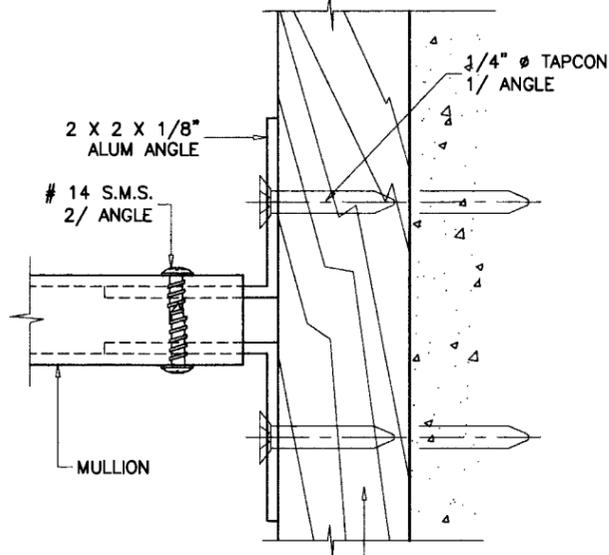
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	C	05.05.08	NO CHANGE THIS SHEET

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 dr. by: HAMID  
 chk. by:

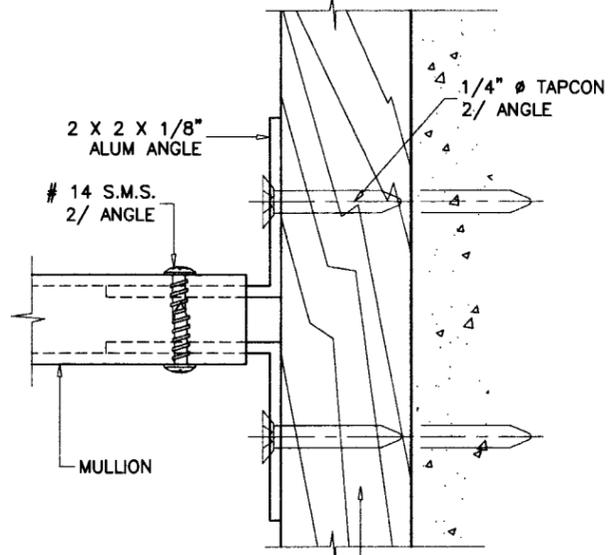
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**M95-18A**  
 sheet 3 of 4

MULLION M95-18A

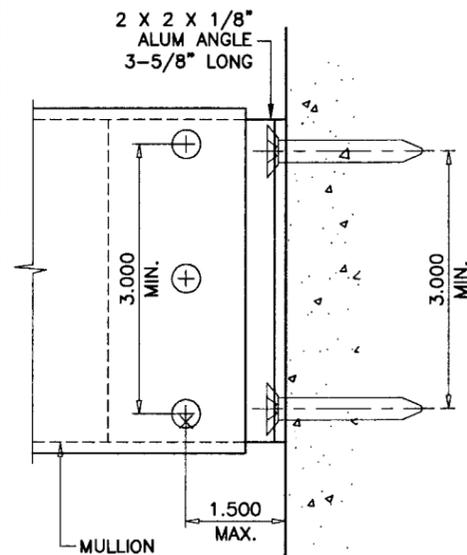
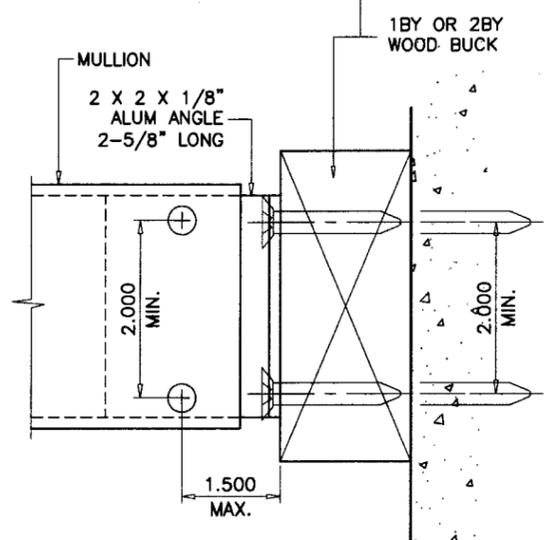
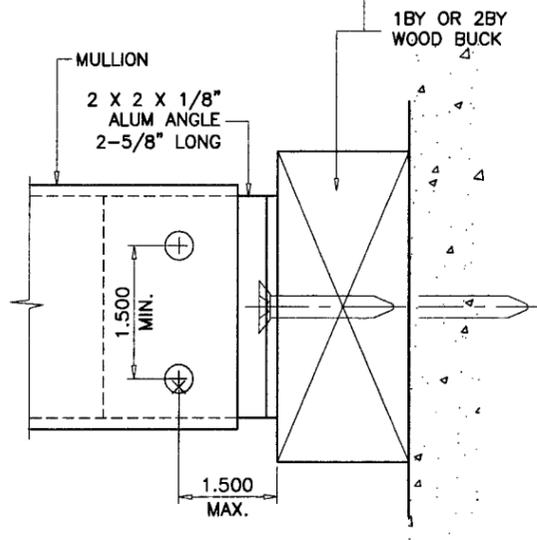
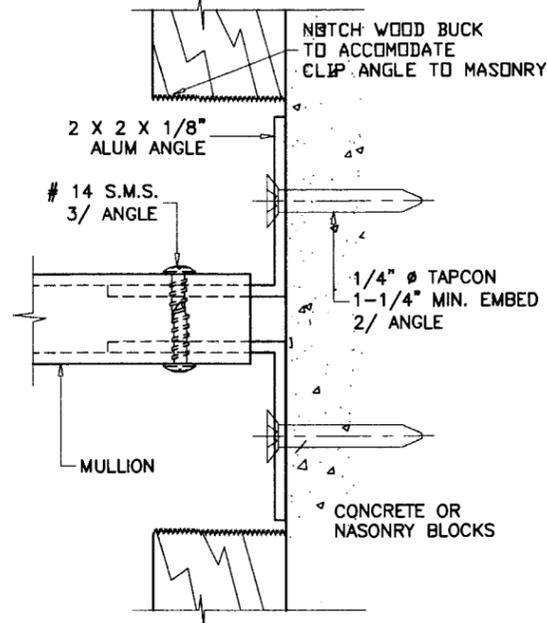
**ANCHORS TYPE 'A'**



**ANCHORS TYPE 'B'**

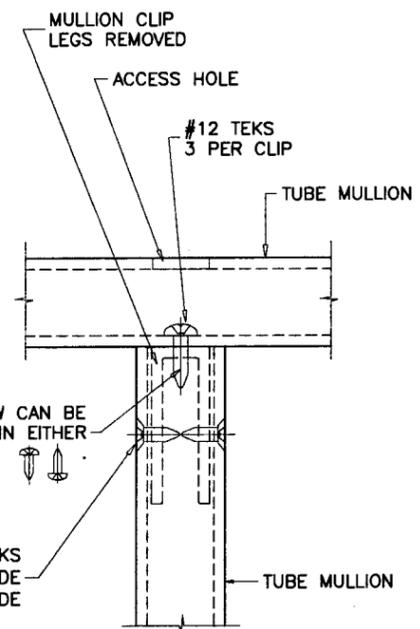
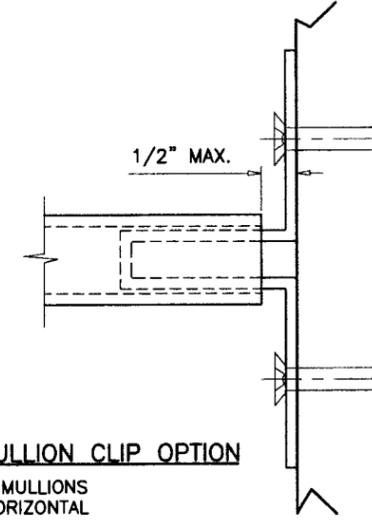


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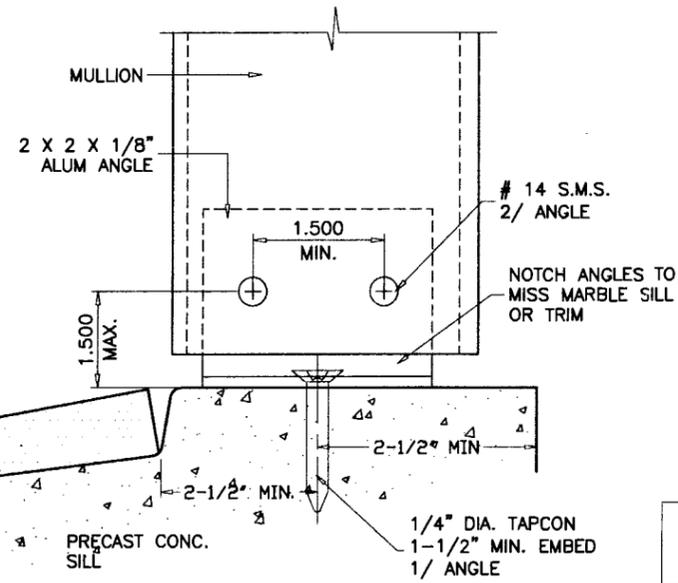
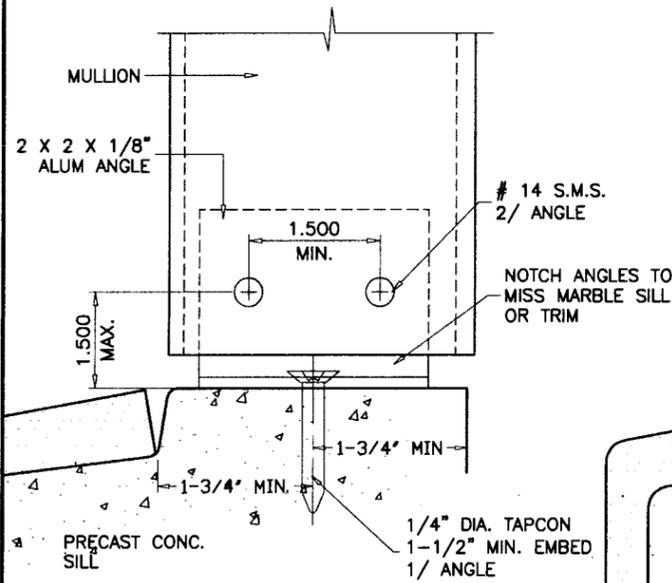
**FLOATING MULLION CLIP OPTION**

FOR 1BY TUBE MULLIONS  
VERTICAL OR HORIZONTAL



**ANCHOR DETAIL #1**

**ANCHORS TYPE 'A2'**



**TAPCONS**

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-3/8" MIN. PENETRATION INTO WOOD  
THRU 1BY BUCKS INTO CONC. OR MASONRY  
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**ANCHOR EDGE DISTANCES:**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.  
INTO METAL STRUCTURE = 5/8" MIN.

Engr: DR. HLMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
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Acceptance No. 28-0514.10  
Expiration Date 03/28/12

By *[Signature]*  
Miami Dade Product Control  
Division

WOOD BUCKS NOT BY PINO WINDOWS  
MUST SUSTAIN LOADS IMPOSED.

MAY 06 2008

**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
MULLION M95-18A

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no	date	description
A	02.14.02	T.H. ANCHOR EMBEDMENT TRV.
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date:	12-07-95
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chk. by:	

drawing no.  
**M95-18A**  
sheet 4 of 4