



**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)

**Lawson Industries, Inc.
8501 NW 90th St
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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "2", 3", & 4" Custom Mullions and 1" x 2", 1" x 3" and 1" x 4" Alternate Standard Aluminum Tube Mullions (Un-clipped)

APPROVAL DOCUMENT: Drawing No. **M96-07**, titled "Mullion Details", sheets 1 through 2 of 2, prepared by Al Farooq Corporation, dated 7/23/96 with revision on 4/29/03, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

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 **renews NOA # 00-0208.05** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Theodore Berman, P.E.**



**NOA No 03-0430.10
Expiration Date: May 01, 2008
Approval Date: May 29, 2003
Page 1**

Lawson Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **M96-07**, titled "Mullion Details", sheets 1 through 2 of 2, prepared by Al Farooq Corporation, dated 7/23/96 with revision on 4/29/03, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

Submitted under NOA# 00-0208.05

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Water Resistance Test, per FBC, TAS 202-94
along with installation diagram of window prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-1539, dated December 30, 1996, signed and sealed by Gilbert Diamond, P.E

C. CALCULATIONS

Submitted under NOA#00-0208.05

1. Structural mullion and anchorage calculations prepared by Al-Farooq Corporation, dated 10/19/95, signed and sealed by Humayoun Farooq, P.E.

D. MATERIAL CERTIFICATIONS

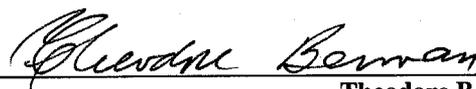
1. None

E. STATEMENTS

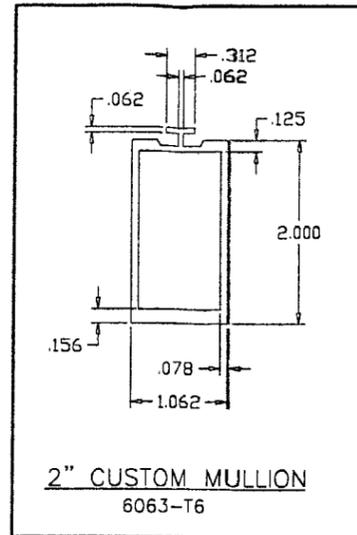
1. Statement letter of conformance, dated 1/27/00, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated 1/27/00, signed and sealed by Humayoun Farooq, P.E.
3. Letter from Al Farooq Corporation dated 1/27/00, stating that the product has not changed since it was originally approved.

F. OTHER

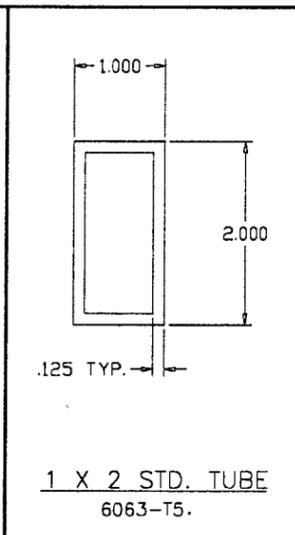
1. Notice of Acceptance No. **00-0208.05**, issued to Lawson Industries for their, "Series "2", 3", & 4" Custom Mullions and 1" x 2", 1" x 3" and 1" x 4" Alternate Standard Aluminum Tube Mullions (Un-clipped), approved on 5/12/00 and expiring on 5/1/03.



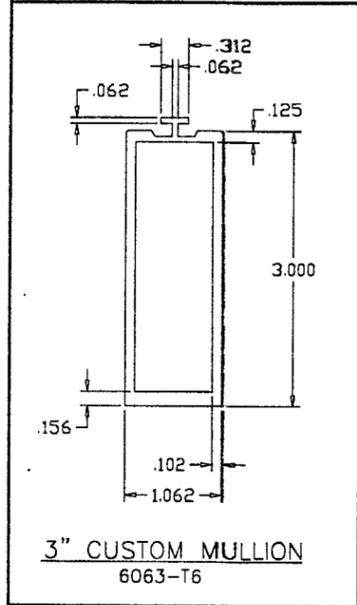
Theodore Berman, P.E.
Deputy Director, Product Control Division
NOA No 03-0430.10
Expiration Date: May 01, 2008
Approval Date: May 29, 2003



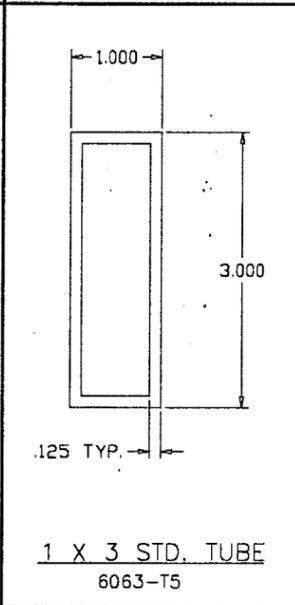
2" CUSTOM MULLION
6063-T6



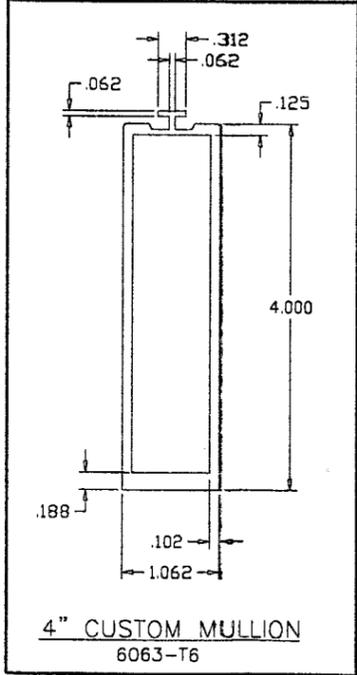
1 X 2 STD. TUBE
6063-T5



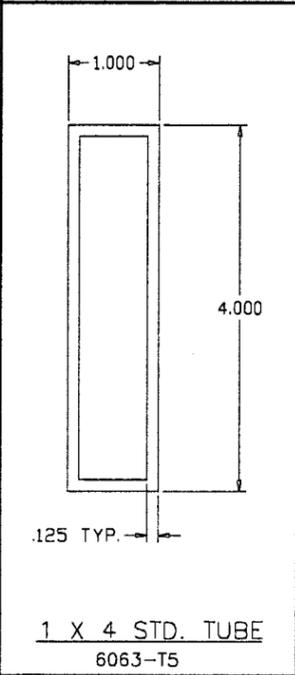
3" CUSTOM MULLION
6063-T6



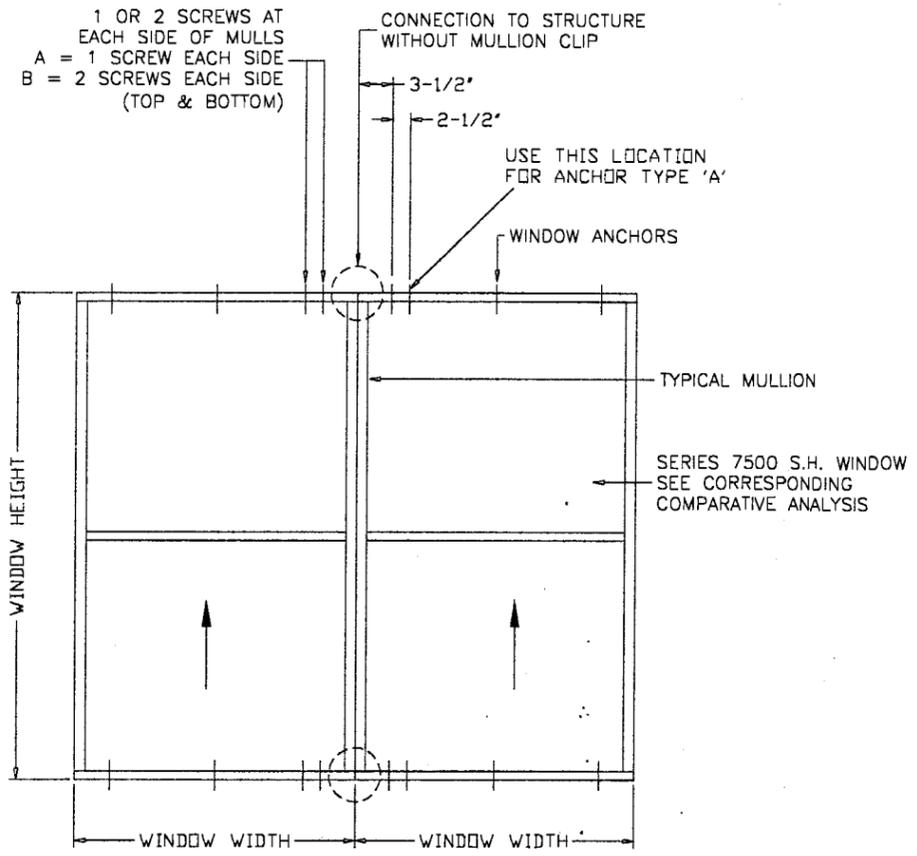
1 X 3 STD. TUBE
6063-T5



4" CUSTOM MULLION
6063-T6



1 X 4 STD. TUBE
6063-T5



1 OR 2 SCREWS AT EACH SIDE OF MULLS
A = 1 SCREW EACH SIDE
B = 2 SCREWS EACH SIDE (TOP & BOTTOM)

CONNECTION TO STRUCTURE WITHOUT MULLION CLIP

3-1/2"

2-1/2"

USE THIS LOCATION FOR ANCHOR TYPE 'A'

WINDOW ANCHORS

TYPICAL MULLION

SERIES 7500 S.H. WINDOW SEE CORRESPONDING COMPARATIVE ANALYSIS

WINDOW HEIGHT

WINDOW WIDTH

WINDOW WIDTH

ALL WINDOWS WIDER THAN 26-1/2" TO HAVE FASTENERS AT CENTER OF HEAD & SILL.

FOR OTHER PERIMETER ANCHORS REFER TO PRODUCT APPROVAL.

ANCHORING CONDITIONS VARYING FROM THOSE SHOWN IN THESE CALCULATIONS SUBJECT TO SEPARATE ENGINEERING REVIEW.

NOTE:
APPROVAL APPLIES TO TWO OR MORE WINDOWS MULLED TOGETHER.

- INSTRUCTIONS:**
USE MULLION/ANCHOR LOAD CHART 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 MULLION LOAD CHART DETERMINE MULLION CAPACITY WHICH MUST EXCEED THE DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
 - STEP 5** USING ANCHOR LOAD CHART SELECT ANCHOR WITH DESIGN RATING MORE THAN THE DESIGN LOADS SPECIFIED IN STEP 1 ABOVE.

DESIGN LOAD CAPACITY - PSF						
WINDOW DIMS.		ANCHORS HEAD & SILL		MULLIONS		
WIDTH	HEIGHT	A	B	2"	3"	4"
19-1/8"	38-3/8"	100.0	-	100.0	-	-
26-1/2"		100.0	-	100.0	-	-
37"		100.0	-	100.0	-	-
53-1/8"		100.0	-	100.0	-	-
19-1/8"	50-5/8"	100.0	-	100.0	-	-
26-1/2"		80.3	100.0	100.0	-	-
37"		66.9	100.0	83.4	-	-
53-1/8"		62.0	100.0	58.1	-	-
19-1/8"	56"	89.5	100.0	100.0	-	-
26-1/2"		70.2	100.0	86.1	100.0	-
37"		57.3	100.0	61.6	100.0	-
53-1/8"		50.8	100.0	42.9	74.3	100.0
19-1/8"	63"	77.8	100.0	83.8	100.0	-
26-1/2"		60.3	100.0	60.5	100.0	-
37"		48.3	96.6	43.3	84.3	100.0
53-1/8"		41.1	82.1	30.2	58.7	81.7
19-1/8"	74-1/4"	64.3	100.0	51.2	99.8	100.0
26-1/2"		49.2	98.3	36.9	72.0	100.0
37"		38.5	77.1	26.4	51.6	84.4
53-1/8"		31.4	62.8	18.4	35.9	58.8

A = ONE ANCHOR AT EACH SIDE OF MULLION
B = TWO ANCHORS AT EACH SIDE OF MULLION

**SERIES 7500 SINGLE HUNG WINDOW
RECTANGULAR ALUMINUM TUBE MULLIONS
WINDOW FRAME MEMBER INCLUDED IN PROPERTIES**

NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. ALSO FOR WIND LOADS AS PER ASCE 7-88, ASCE 7-93, ASCE 7-95 OR ASCE 7-98 AS REQUIRED BY PREVAILING BUILDING CODE.
2. ALL GLAZING PRODUCTS USED WITH THESE MULLIONS MUST MEET THE APPLICABLE DADE COUNTY REQUIREMENTS I.E: WIND LOAD, WATER INFILTRATION, FORCED ENTRY RESISTANCE, SAFEGUARDS ETC.
3. WOOD BUCKS BY OTHERS, MUST BE PROPERLY SECURED TO BLDG. STRUCTURE TO TRANSFER LOADS IMPOSED BY MULLION/GLAZING SYSTEMS.
4. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL COVERING (STUCCO, TILE ETC.).
5. ANCHORING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
6. ALL EXTRUSIONS TO BE ALLOY 6063-T5, EXCEPT AS NOTED.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-0430.10
Expiration Date 05/01/08
By: *Glenn Berna*
Miami Dade Product Control
Division

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

APR 29 2003

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AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT TESTING
1235 SW 87 AVE
MIAMI, FLORIDA 33174
(305) 264-8100
M96-07LI

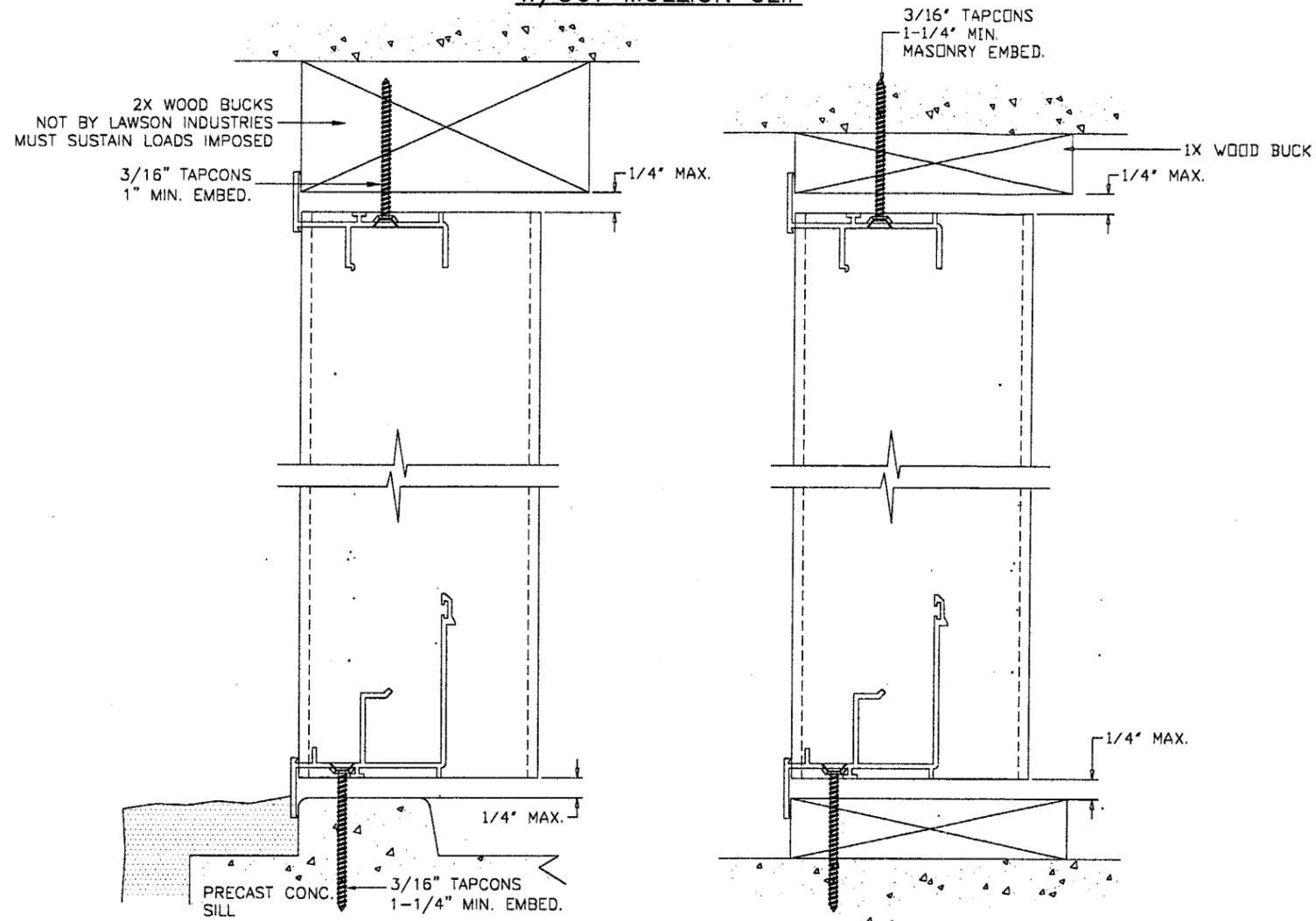
MULLION DETAILS
LAWSON INDUSTRIES
8501 N.W. 90TH STREET
MEDLEY, FL. 33160
TEL. (305) 696-8660 FAX (305) 696-6006

no	date	description
A	12.16.96	H RECT. MULLIONS SHOWN
B	04.29.03	H UPDATED FOR FBC

date: 07-23-96
scale: 1/2" = 1"
design by:
drawn by: HAMID
checked by:

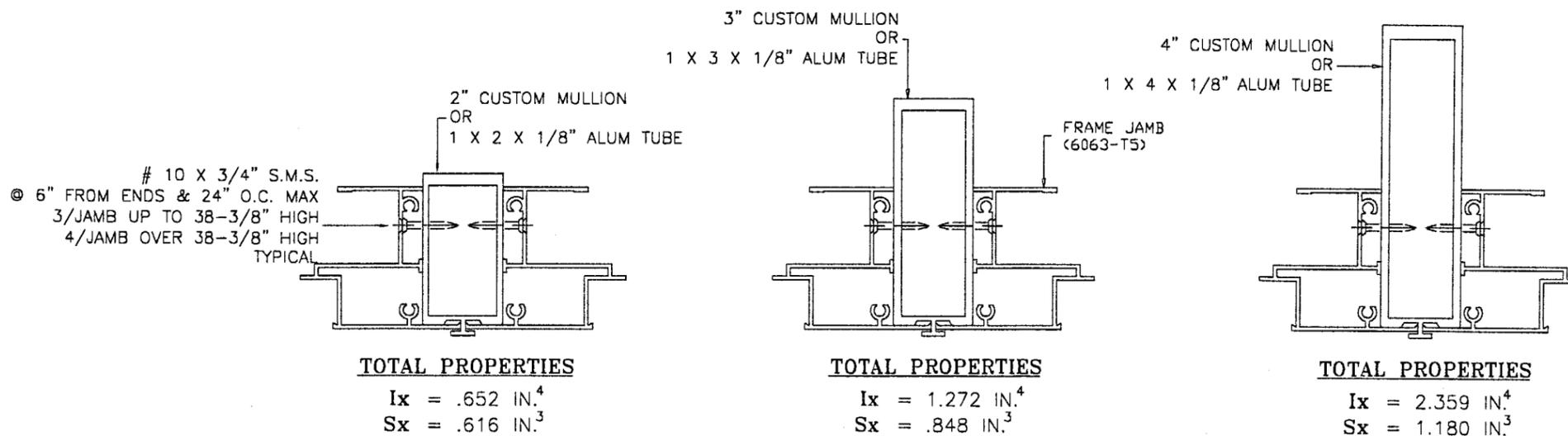
drawing no.
M96-07
sheet 1 of 2

**HEAD & SILL ANCHORS FOR MULLED WINDOWS
W/OUT MULLION CLIP**



MULLIONS CONTAINING FRAME MEMBER

SEE WINDOW OR DOOR APPROVAL FOR FASTENER SIZES AND SPACING



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. **03-0430.10**
Expiration Date **05/01/08**
By *Hamid Hamid*
Miami Dade Product Control
Division

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

APR 29 2003

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MEDLEY, FL. 33160
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NO.	DATE	BY	DESCRIPTION
B	04-29-03	H	NO CHANGE THIS SHEET

date: 07-23-96	scale: 1/2" = 1"
design by: HAMID	checked by:

drawing no.
M96-07
sheet 2 of 2