



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**

**Lawson Industries, Inc.**  
**8501 NW 90 St**  
**Medley**

**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:

***Custom & Standard Aluminum Tube Mullions (Un-Clipped)***

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.: 00-0208.05**

**Expires: 05/01/2003**

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: 05/12/2000**

1 of 3



**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

1.1 This **renews** the Notice of Acceptance No. 96-0806.05, which was issued on May 1, 1997. It approves a structural mullion system, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 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 **Lawson Industries 2", 3", & 4" Custom Mullions and 1" x 2", 1" x 3" and 1" x 4" Alternate Standard Aluminum Tube Mullions (Un-clipped)** and its components shall be constructed in strict compliance with the following documents: Drawing No. **M96-07**, Sheet 1 and 2 of 2, titled "Mullion Details", prepared by Al-Farooq Corporation, dated 07/23/96, with revision A dated 12/16/96, 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 un-clipped structural mullions to be installed vertically, as shown in the approved drawings.
- 3.2 For Design Pressure Rating vs. Mullion size (2", 3" or 4"), Span (window height), Tributary area (window width and height), and Anchor type ("A" or "B"), see "Design Load Capacity" chart in approved drawings.1 approval stamp
- 3.3 Mullion and anchor selected Design Pressure Rating, per "Design Load Capacity" chart, must each meet or exceed the pressure requirement for the opening in which it is to be installed.
- 3.4 Window sizes and design pressures are to be limited only to those appearing on charts referenced above and also listed in the individual window's Notice of Acceptance.

**4. INSTALLATION**

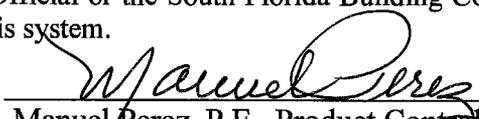
- 4.1 The structural mullion system and its components shall be installed in strict compliance with the approved drawings.
- 4.2 This mullion **cannot** be installed as part of an impact resistant unit.

**5. LABELING**

- 5.1 Each panel 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 The Notice of Acceptance of each window or door to be attached to the mullion.
  - 6.1.4 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

**Lawson Industries, Inc**

**ACCEPTANCE No. :** 00-0208.05

**APPROVED :** MAY 12 2000

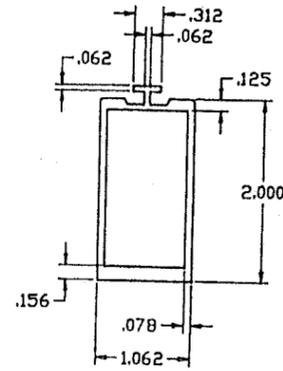
**EXPIRES :** May 1, 2003

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

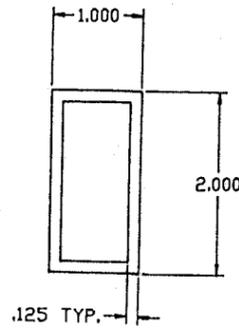
1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approval", 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 purposes.
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 through 3.

**END OF THIS ACCEPTANCE**

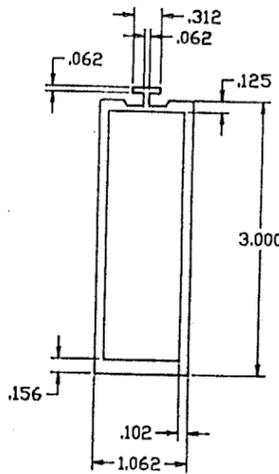
  
Manuel Perez, P.E., Product Control Examiner  
Product Control Division



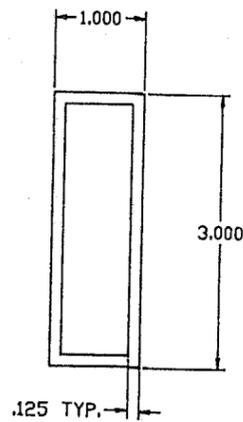
2" CUSTOM MULLION  
6063-T6



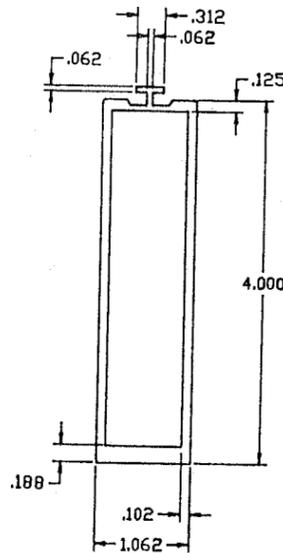
1 X 2 STD. TUBE  
6063-T5



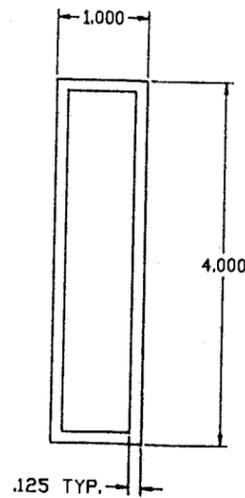
3" CUSTOM MULLION  
6063-T6



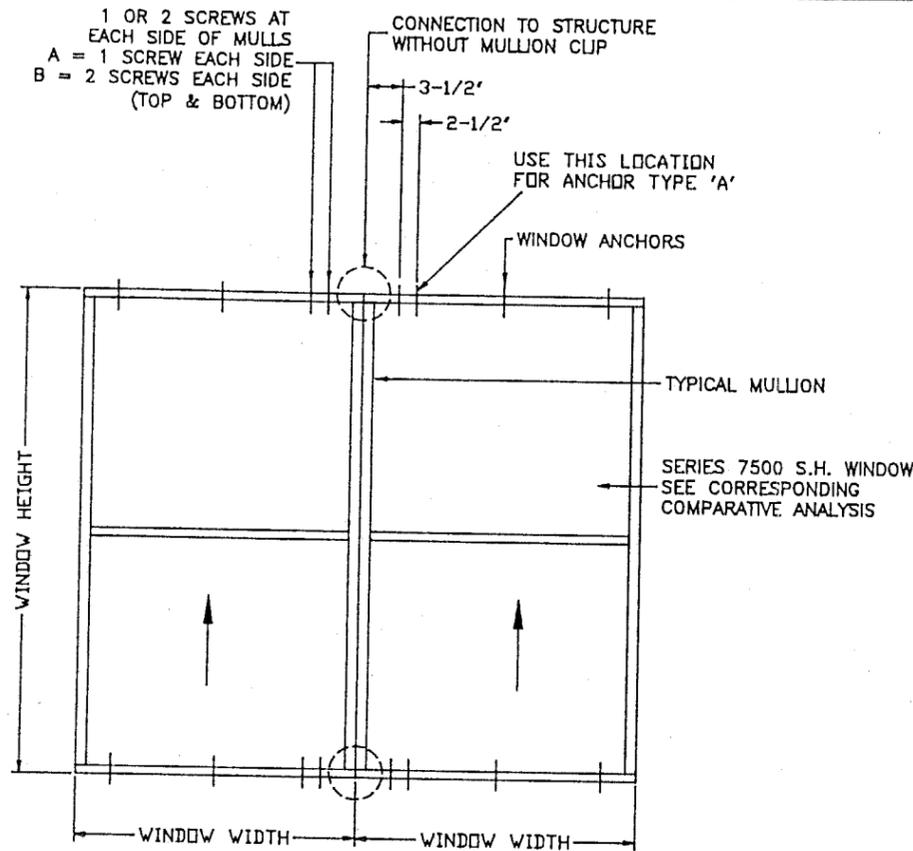
1 X 3 STD. TUBE  
6063-T5



4" CUSTOM MULLION  
6063-T6



1 X 4 STD. TUBE  
6063-T5



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.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE May 12, 2000  
BY Manuel Perez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0208.05

- INSTRUCTIONS:**  
USE MULLION/ANCHOR LOAD CHART 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** 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.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE MAY 1 1997  
BY Manuel Perez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 96-0806.05

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 18557

DEC 17 1996

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"	50-5/8"	100.0	-	100.0	-	-
19-1/8"		100.0	-	100.0	-	-
26-1/2"		80.3	100.0	100.0	-	-
37"	56"	66.9	100.0	83.4	-	-
53-1/8"		62.0	100.0	58.1	-	-
19-1/8"		89.5	100.0	100.0	-	-
26-1/2"	63"	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"	74-1/4"	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"	74-1/4"	41.1	82.1	30.2	58.7	81.7
19-1/8"		64.3	100.0	51.2	99.8	100.0
26-1/2"		49.2	98.3	36.9	72.0	100.0
37"	74-1/4"	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. 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 EXTRUSIONS TO BE ALLOY 6063-T5, EXCEPT AS NOTED.

**a f c**

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

**MULLION DETAILS**  
LAWSON INDUSTRIES  
7030 N.W. 37 TH. COURT  
MIAMI, FL. 33147  
(305) 696-8660

NO.	DATE	DESCRIPTION
1	12.16.96	H RECT. MULLIONS SHOWN

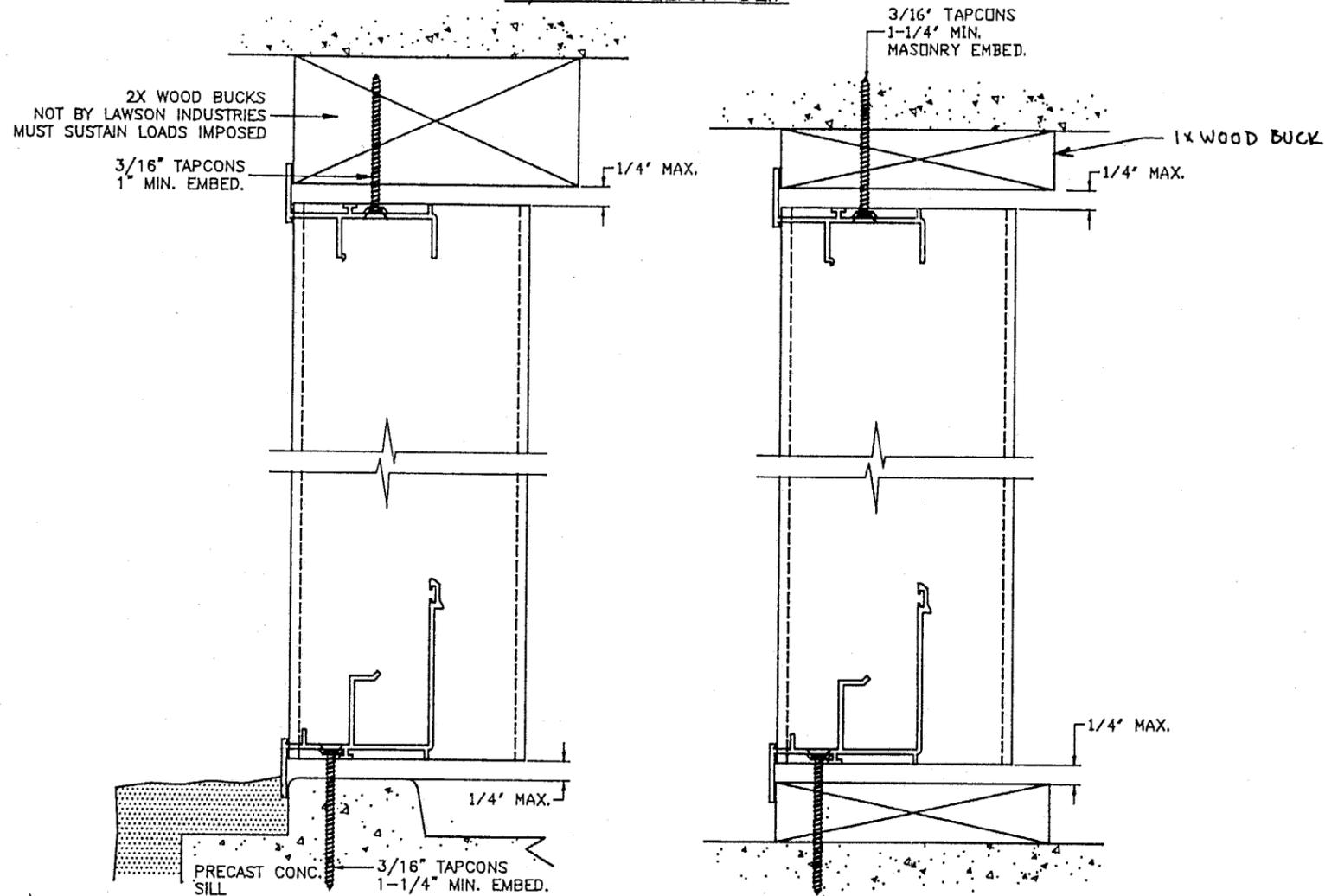
revisions:

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

drawing no.  
**M96-07**

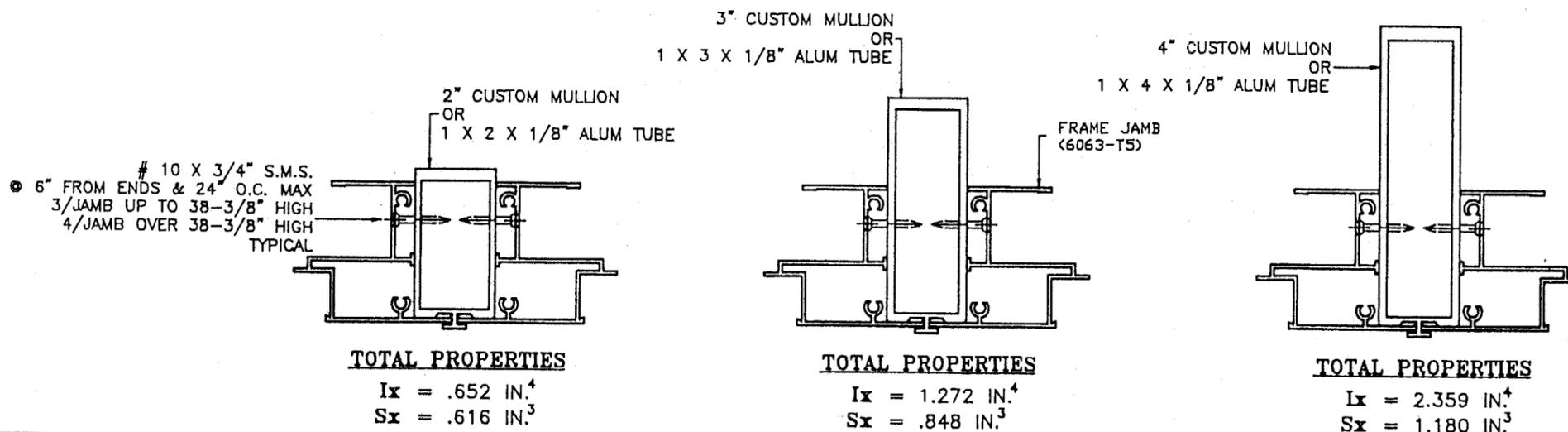
sheet 1 of 2

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



MULLIONS CONTAINING FRAME MEMBER

SEE WINDOW OR DOOR APPROVAL FOR FASTENER SIZES AND SPACING



APPROVED AS COMPLYING WITH THE  
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PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0208.05

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DATE MAY 1 1997  
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PRODUCT CONTROL DIVISION  
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ACCEPTANCE NO. 96-0806.05

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

DEC 17 1996

a f c

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M96-07J

MULLION DETAILS  
LAWSON INDUSTRIES  
7030 N.W. 37 TH. COURT  
MIAMI, FL. 33147  
(305) 696-8660

revisions:	no	date	by	description

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

drawing no.  
M96-07  
sheet 2 of 2