



**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**

**Construction Glass Industries Corporation**  
7840 N.W. 62nd Street  
Miami, FL 33166

Your application for Notice of Acceptance (NOA) of:

**Series 450 Clipped 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.

Raul Rodriguez  
Chief Product Control Division

**ACCEPTANCE NO.: 01-1026.01**  
**EXPIRES: 11/19/2006**

**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: 12/27/2001**

APPROVED: December 27, 2001

EXPIRES: November 19, 2006

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

1.1 This **renews** Notice of Acceptance (NOA) No. **98-0608.22**, which was issued on November 19, 1998. It renews the approval of a structural clipped aluminum mullion, 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 **Series "450" Clipped Aluminum Tube Mullion** and its components shall be constructed in strict compliance with the following document: Drawing No **W98-02**, Sheets 1 through 3 of 3, titled "Mullion Details-Series 450," prepared by Al-Farooq Corporation, dated 05/02/98 and revised on 10/15/98, signed and sealed by Dr. Humayoun Farooq, P.E, 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 This approval applies only to clipped aluminum mullion to be installed vertically with CGI, Series 450 door/side lite and transom each with a current Notice of Acceptance, installed as shown in approved drawings.

**4. INSTALLATION**

4.1 The aluminum mullion and its components shall be installed in strict compliance with the approved drawings.

4.2 This mullion **can** 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".

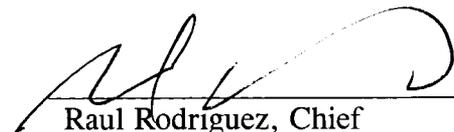
**6. BUILDING PERMIT REQUIREMENTS**

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

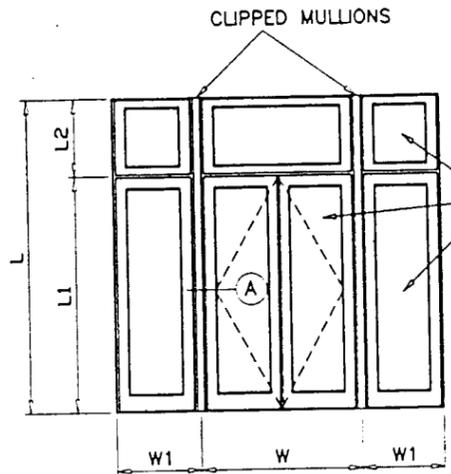
**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

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**

  
Raul Rodriguez, Chief  
Product Control Division

DESIGN LOAD CAPACITY - PSF														
OPENING DIMENSIONS			DOOR WIDTH (W) = 60"				DOOR WIDTH (W) = 72"				DOOR WIDTH (W) = 84"			
			SIDELITE WIDTHS (W1)				SIDELITE WIDTHS (W1)				SIDELITE WIDTHS (W1)			
L	L1	L2	24'	30'	36'	42'	24'	30'	36'	42'	24'	30'	36'	42'
96'	84'	12'	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
102'	84'	18'	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
108'	84'	24'	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
114'	84'	30'	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
120'	84'	36'	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.3	91.1
126'	84'	42'	100.0	100.0	100.0	94.2	100.0	96.2	90.2	84.9	92.0	86.5	81.7	77.3
132'	84'	48'	100.0	92.9	86.5	81.0	88.2	82.4	77.4	72.9	78.7	74.1	70.0	66.3
138'	84'	54'	86.7	80.4	75.0	70.2	76.3	71.3	67.0	63.2	68.1	64.1	60.6	57.4
144'	84'	60'	75.7	70.3	65.5	61.4	66.6	62.3	58.5	55.2	59.4	56.0	52.9	50.2
108'	96'	12'	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
114'	96'	18'	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
120'	96'	24'	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.8
126'	96'	30'	100.0	100.0	100.0	99.1	100.0	100.0	95.7	89.8	98.7	92.4	86.9	82.0
132'	96'	36'	100.0	97.5	90.5	84.4	93.2	86.8	81.2	76.3	83.4	78.2	73.7	69.6
138'	96'	42'	90.5	83.7	77.8	72.7	79.8	74.4	69.7	65.6	71.3	67.0	63.2	59.8
144'	96'	48'	78.3	72.5	67.5	63.1	69.0	64.4	60.4	56.9	61.6	58.0	54.7	51.8
120'	108'	12'	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
126'	108'	18'	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	100.0	100.0	94.6	88.9
132'	108'	24'	100.0	100.0	96.5	89.6	100.0	93.5	87.0	81.4	90.7	84.6	79.3	74.6
138'	108'	30'	96.5	88.8	82.2	76.5	85.4	79.3	74.0	-	76.6	71.6	-	-
144'	108'	36'	82.7	76.2	70.7	65.9	73.1	68.0	63.5	-	65.4	61.3	-	-



REFER TO SEPARATE 'CGI' N.O.A. FOR SERIES 450 DOORS, SIDELITES AND TRANSOMS

**VERTICAL ALUMINUM MULLION  
DOOR FRAME MEMBER INCLUDED IN PROPERTIES**

- NOTES:**
1. THIS MULLION APPROVAL TO BE USED FOR MULLION AS SHOWN ON SHEET 3 AND CAN CONTAIN CGI'S SWING DOORS, SIDELITES AND TRANSOMS AS DEPICTED.
  2. GLAZING PRODUCTS USED WITH THIS MULLION MUST MEET THE APPLICABLE DADE COUNTY REQUIREMENTS I.E. WIND LOAD, AIR & WATER INFILTRATION, FORCED ENTRY RESISTANCE, SAFEGUARDS ETC.
  3. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL COVERING (STUCCO, TILE ETC.)
  4. ANY CONDITIONS NOT COVERED IN THIS SUBMITTAL SUBJECT TO SEPARATE ENGINEERING REVIEW.

- INSTRUCTIONS:**
- USE MULLION/ANCHOR LOAD CHART AS FOLLOWS.
  - STEP 1** DETERMINE DESIGN LOAD REQUIRED FOR PARTICULAR OPENING.
  - STEP 2** USE DADE COUNTY APPROVED GLAZING PRODUCTS MEETING ABOVE LOAD REQUIREMENTS, FOR DOORS DOOR ANCHORS, VERT. MULLION AND MULLION ANCHORS.
  - STEP 3** USING MULLION LOAD CHART DETERMINE MULLION CAPACITY WHICH MUST EXCEED THE DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.

**PRODUCT RENEWED**  
ACCEPTANCE No. 01-1026.01  
EXPIRATION DATE November 19, 2001  
By *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA PE # 16557  
*[Signature]*  
OCT 26 1998

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE November 19, 1998  
BY Ishag I. Chanda  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-0608-22

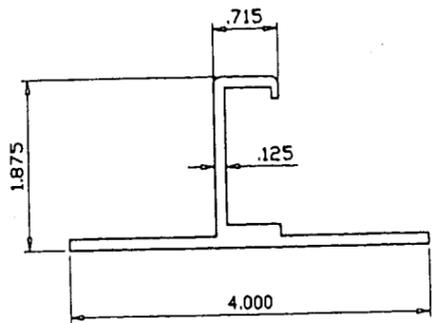
**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
MULLION M98-02CG

**MULLION DETAILS-SERIES 450**  
**CONSTRUCTION GLASS INDUSTRIES CORP.**  
7840 N.W. 62 STREET  
MIAMI, FL. 33166  
TEL. (305) 593-6590 FAX (305) 593-6592

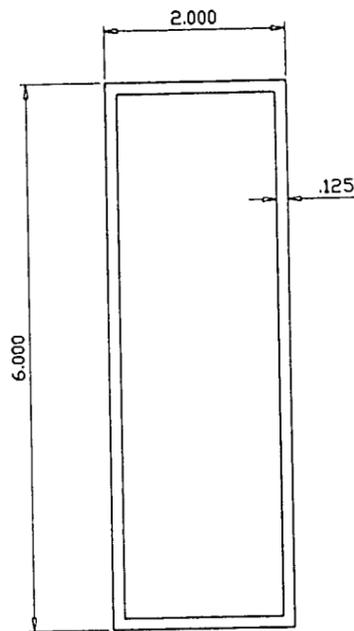
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chk. by:

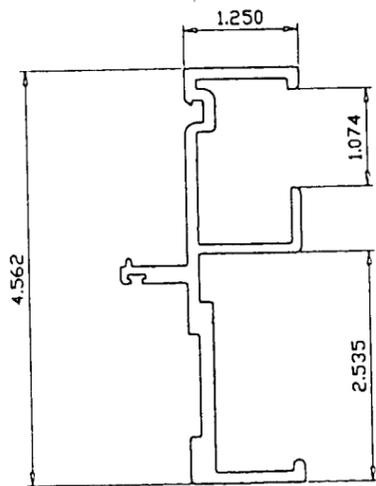
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**M98-02**  
sheet 1 of 3



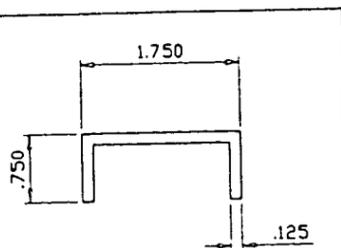
**MULLION CLIP**  
CGI-383  
6063-T6



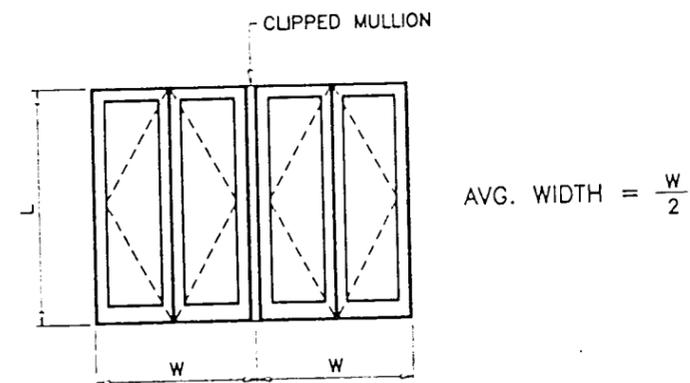
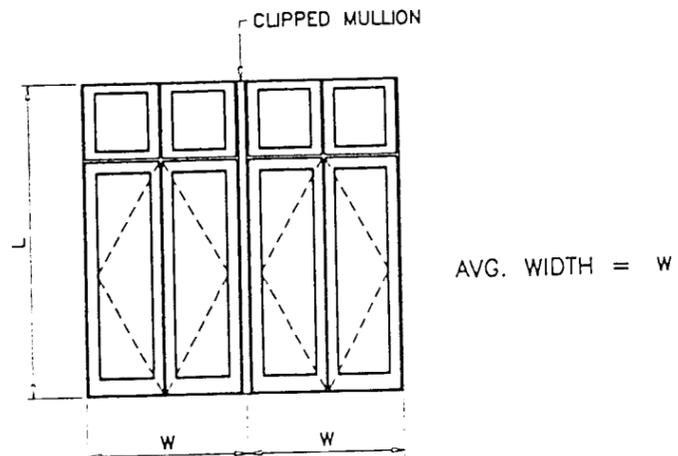
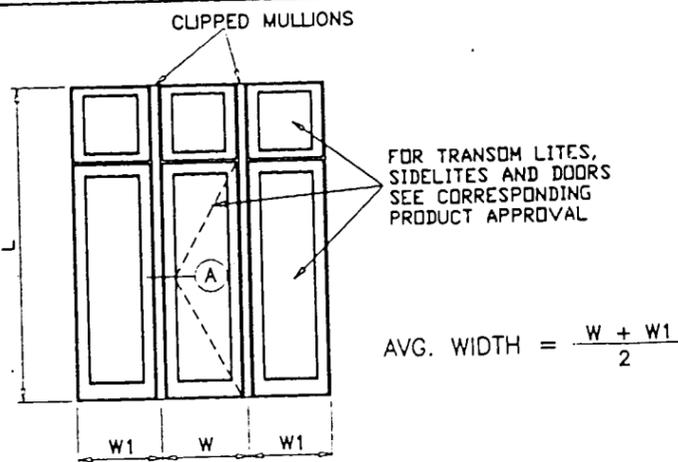
**MULLION TUBE**  
6063-T6



**DOOR JAMB**  
CGI-509  
6063-T6



**CLIP CHANNEL**  
CGI-  
6063-T6



L IN.	AVG. WIDTH IN.	P MAX. PSF	L IN.	AVG. WIDTH IN.	P MAX. PSF
84	24	100.0	120'	24	100.0
	30	100.0		30	100.0
	36	100.0		36	100.0
	42	100.0		42	100.0
	48	100.0		48	100.0
	54	100.0		54	93.4
	60	100.0		60	84.0
	66	100.0		66	76.4
	72	100.0		72	70.0
	78	100.0		78	64.7
96'	84	100.0	132'	84	60.0
	24	100.0		24	100.0
	30	100.0		30	100.0
	36	100.0		36	100.0
	42	100.0		42	90.2
	48	100.0		48	78.9
	54	100.0		54	70.2
	60	100.0		60	63.1
	66	100.0		66	57.4
	72	100.0		72	52.6
108'	78	97.3	144'	78	48.6
	84	90.4		84	45.1
	24	100.0		24	100.0
	30	100.0		30	97.3
	36	100.0		36	81.1
	42	100.0		42	69.5
	48	100.0		48	60.8
	54	100.0		54	54.0
	60	100.0		60	48.6
	66	100.0			
72	93.7				
78	86.5				
84	80.3				

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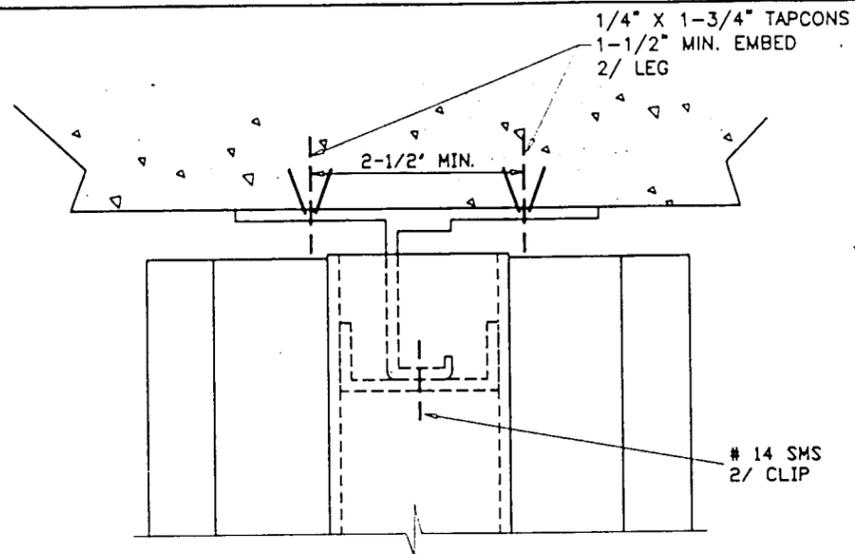
no	date	description

**PRODUCT RENEWED**  
ACCEPTANCE No. 01-1026.01  
EXPIRATION DATE November 19, 2006  
By *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
OCT 26 1998

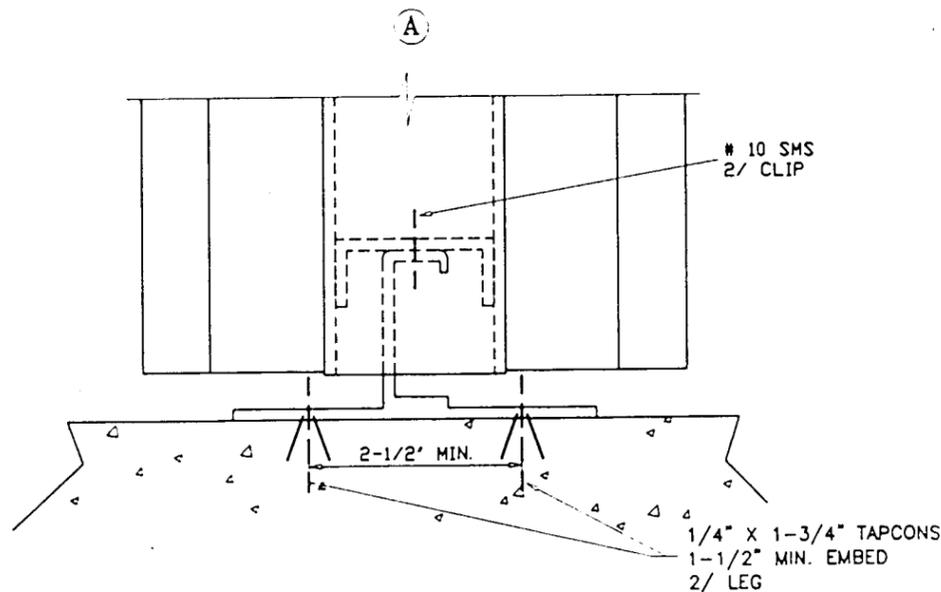
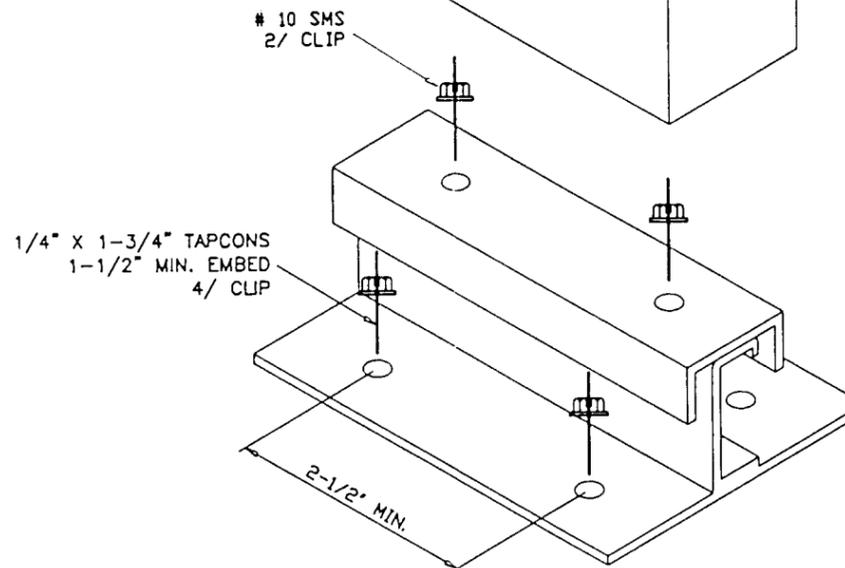
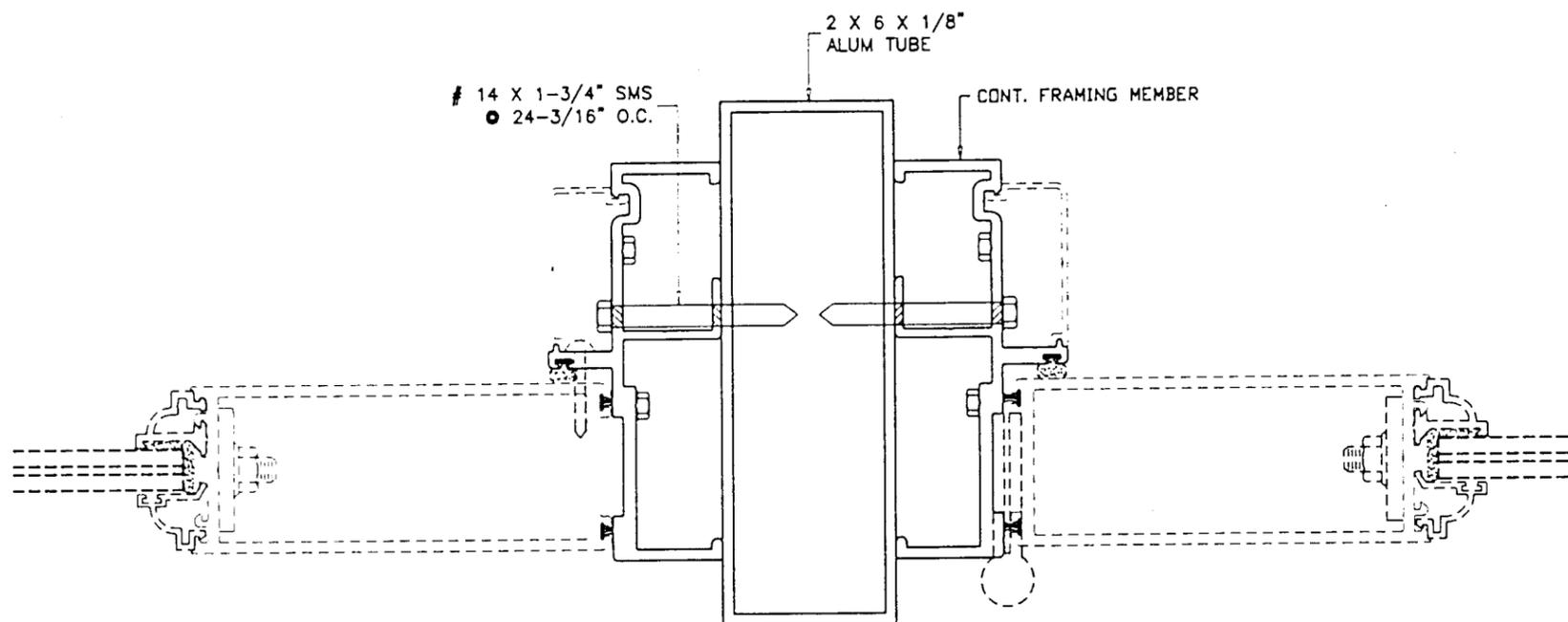
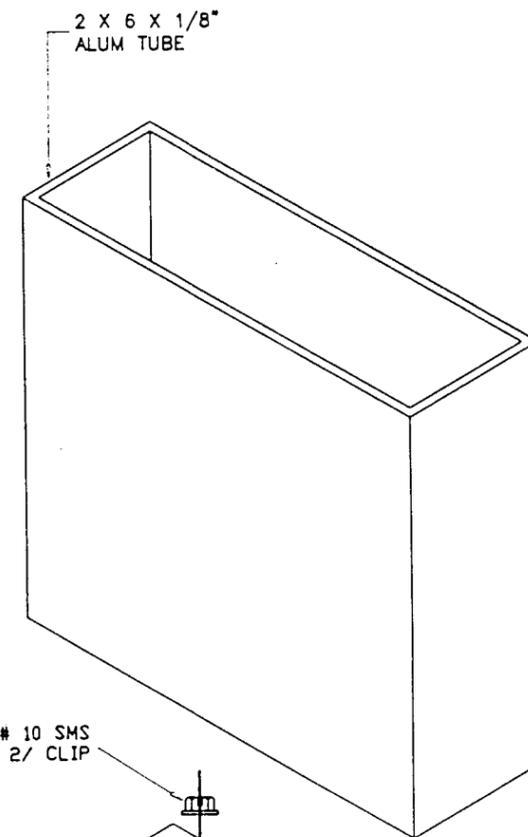
APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE November 19, 1998  
BY Ishag I. Chaudhary  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-0608-22

date: 04-23-98  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:  
drawing no.  
**M98-02**  
sheet 2 of 3



**NOTES:**

1. MIN. CONCRETE STRENGTH = 3000 PSI
2. TAPCONS AS MANUFACTURED BY ELCO.



**PRODUCT RENEWED**

ACCEPTANCE No. 01-1026.01  
 EXPIRATION DATE November 19, 2006  
 By [Signature]  
**PRODUCT CONTROL DIVISION**  
**BUILDING CODE COMPLIANCE OFFICE**

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

OCT 26 1998

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 MIAMI, FL. 33166  
 TEL (305) 593-6590 FAX (305) 593-6592

no	date	by	description

date: 04-23-98  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chg. by:

drawing no.  
**M98-02**

sheet 3 of 3

MULLION\M98-02CG