



**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)**

**Jel-Wen, Inc.  
201 Evans Road  
Rantoul, IL 61866**

**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 the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) 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 BCCO (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. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO 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: Tradition Plus Unclipped Mullion**

**APPROVAL DOCUMENT:** Drawing No. **M04-01**, titled "Tradition Plus Unclipped Mullion," sheets 1 through 3 of 3, prepared by AL-Farooq Corporation, dated 01/26/04 with revision "A" on 05/17/04, 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**

**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 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**

*MFG 1/17/2005*

**NOA No 04-1122.04  
Expiration Date: January 27, 2010  
Approval Date: January 27, 2005  
Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **M04-01**, titled "Tradition Plus Unclipped Mullion," Sheets 1 through 3 of 3, prepared by AL-Farooq Corporation, dated 01/26/04 with revision "A" on 05/17/04, signed and sealed by Humayoun Farooq, P.E.

**B. TESTS**

1. Test reports on  
1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

Along with installation diagram of a mulled window assemblies, prepared by Architectural Testing, Test Report No. **AT-52440.01-201-44**, dated 07/27-30/04, signed and sealed by Steven M. Urich, P.E.

**C. CALCULATIONS:**

1. Anchor Calculations, ASTM-E 1300, and structural analysis, prepared, signed and sealed by Humayoun Farooq, P.E dated 10/25/04.

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO)

**E. MATERIAL CERTIFICATIONS**

1. None

**F. STATEMENTS**

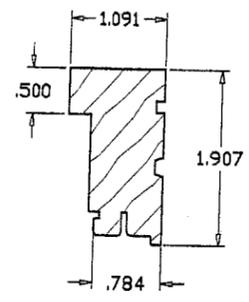
1. Statement letter of conformance and no financial interest, 05/10/04, signed and sealed by Eric S. Nielsen, P.E.

**G. OTHER**

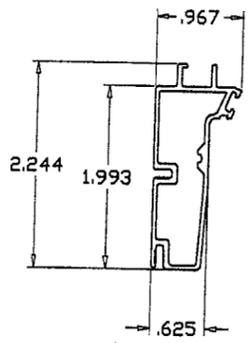
1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC)

*for* 

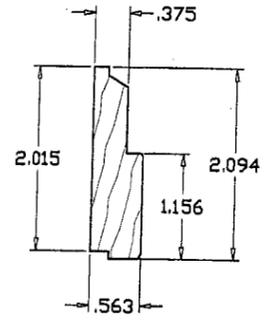
**Herminio F. Gonzalez, P.E.**  
**Director, Building Code Compliance**  
**NOA No 04-1122.04**  
**Expiration Date: January 27, 2010**  
**Approval Date: January 27, 2005**



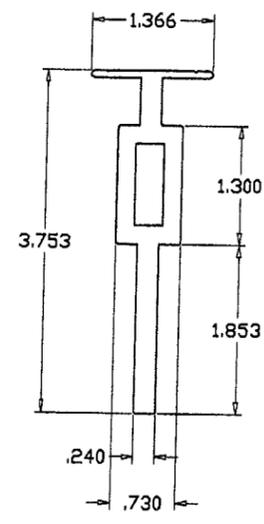
WINDOW FRAME



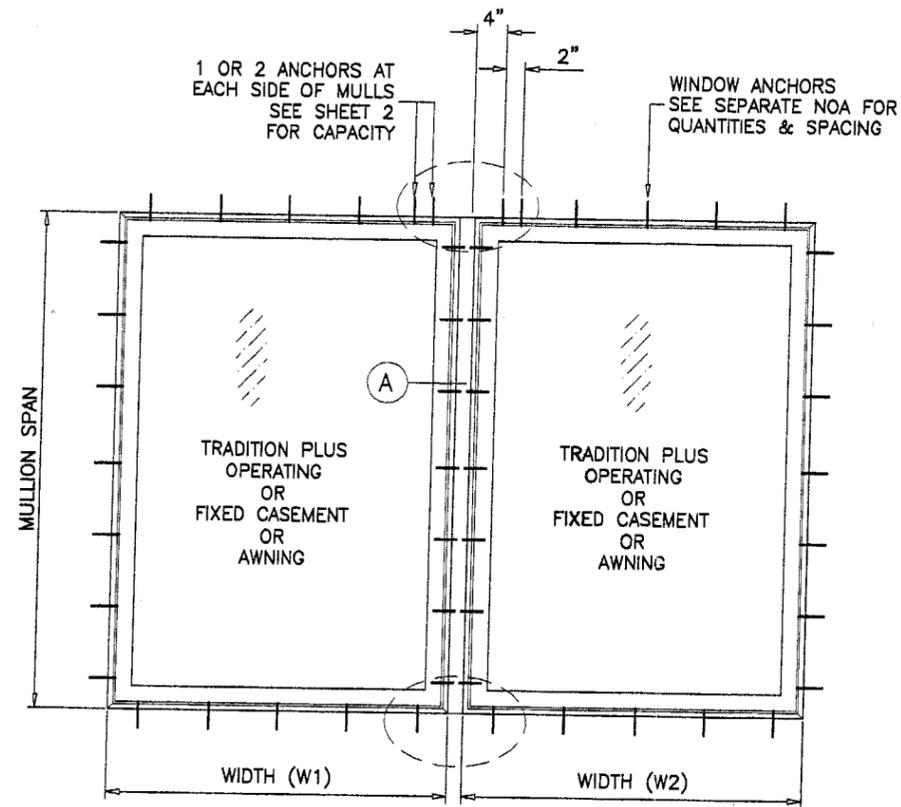
FRAME NOSING



SIDE STOP

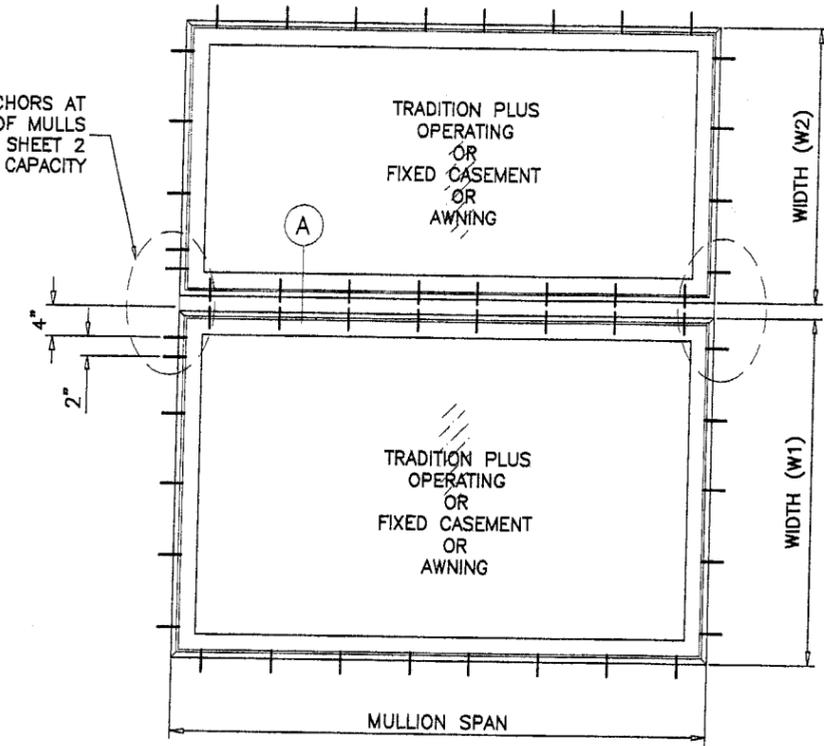


ALUMINUM FILLER



1 OR 2 ANCHORS AT EACH SIDE OF MULLS SEE SHEET 2 FOR CAPACITY

WINDOW ANCHORS SEE SEPARATE NOA FOR QUANTITIES & SPACING



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

**TRADITION PLUS UNCLIPPED WOOD MULLION WINDOW FRAME MEMBER INCLUDED**

MULLION SYSTEM IS RATED FOR LARGE MISSILE IMPACT.  
 DESIGN LOAD RATING FOR THIS MULLION TO BE AS PER CHART SHOWN ON SHEET 2.

APPROVAL APPLIES TO TWO OR MORE WINDOWS MULLED TOGETHER IN ANY COMBINATIONS OF CASEMENT, AWNING OR FIXED WINDOWS. SEE SEPARATE NOA FOR WDW. ANCHORS AND DESIGN LOADS LOWER DESIGN PRESSURE WILL GOVERN.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE.

ALL GLAZING PRODUCTS USED WITH THESE MULLIONS MUST MEET THE APPLICABLE FLORIDA BLDG. 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 33% INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS.

**INSTRUCTIONS:**

USE MULLION/ANCHOR LOAD CHART AS FOLLOWS.

- STEP 1** DETERMINE DESIGN LOAD REQUIRED FOR PARTICULAR OPENING.
- STEP 2** USE CONNECTION TO MULLION AS PER PRODUCT APPROVAL.
- STEP 3** USING CHART SELECT ANCHORS WITH DESIGN RATING MORE THAN THE DESIGN LOADS SPECIFIED IN STEP 1 ABOVE.
- STEP 3** CAPACITY OF WINDOW AND SELECTED MULLION ANCHOR MUST EQUAL OR EXCEED REQUIRED LOADS.

Approved as complying with the Florida Building Code  
 Date 01/23/05  
 NOA# 04-1122-04  
 Miami Dade Product Control  
 Division M. Shark

Engr: DR. HUMAYCUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
 NOV 18 2004

**afc**

**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL (305) 264-8100 FAX (305) 262-6978  
 MULLION MO4-01JW

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TRADITION PLUS UNCLIPPED MULLION  
 WELD WEN WINDOW DIVISION  
 201 EVANS ROAD  
 RANTOUL, ILLINOIS 61866  
 TEL (217) 893-4444 FAX (217) 893-7650

revisions:	no	date	by	description
	A	105.17.04		GENERAL REVISION

date: 01-26-04  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**MO4-01**

sheet 1 of 3

DESIGN LOAD CAPACITY - PSF (EXTERIOR & INTERIOR)			
WINDOW DIMS.		1 ANCHOR AT EACH SIDE OF MULL	2 ANCHORS AT EACH SIDE OF MULL
WIDTH (W)	MULL SPAN		
17"	40"	100.0	100.0
20"		100.0	100.0
24"		100.0	100.0
28"		100.0	100.0
30"		100.0	100.0
33"		100.0	100.0
36"		100.0	100.0
40"		100.0	100.0
48"		100.0	100.0
56"		100.0	100.0
60"		100.0	100.0
64"		100.0	100.0
72"	100.0	100.0	
17"	48"	100.0	100.0
20"		100.0	100.0
24"		100.0	100.0
28"		100.0	100.0
30"		100.0	100.0
33"		100.0	100.0
36"		98.7	100.0
40"		95.1	100.0
48"		92.5	100.0
56"		92.5	100.0
60"		92.5	100.0
64"		92.5	100.0
72"	92.5	100.0	
17"	56"	100.0	100.0
20"		100.0	100.0
24"		100.0	100.0
28"		90.6	100.0
30"		86.6	100.0
33"		81.7	100.0
36"		77.9	100.0
40"		74.0	100.0
48"		69.4	100.0
56"		68.0	100.0
60"		68.0	100.0
64"		68.0	100.0
72"	68.0	100.0	
17"	60"	100.0	100.0
20"		100.0	100.0
24"		92.5	100.0
28"		82.7	100.0
30"		78.9	100.0
33"		74.2	100.0
36"		70.5	100.0
40"		66.6	100.0
48"		61.7	100.0
56"		59.5	100.0
60"		59.2	100.0
64"		59.2	100.0
72"	59.2	100.0	

DESIGN LOAD CAPACITY - PSF (EXTERIOR & INTERIOR)				
WINDOW DIMS.		1 ANCHOR AT EACH SIDE OF MULL	2 ANCHORS AT EACH SIDE OF MULL	
WIDTH (W)	MULL SPAN			
17"	64"	100.0	100.0	
20"		98.7	100.0	
24"		85.4	100.0	
28"		76.1	100.0	
30"		72.5	100.0	
33"		68.0	100.0	
36"		64.3	100.0	
40"		60.5	100.0	
48"		55.5	100.0	
56"		52.9	100.0	
60"		52.2	100.0	
64"		52.0	100.0	
72"	52.0	100.0		
17"	72"	98.7	100.0	
20"		85.9	100.0	
24"		74.0	100.0	
28"		65.6	100.0	
30"		62.3	100.0	
33"		58.2	100.0	
36"		54.8	100.0	
40"		51.2	93.3	
48"		46.3	82.5	
56"		43.2	76.1	
60"		42.3	74.0	
64"		41.6	72.6	
17"	78"	90.2	100.0	
20"		78.4	100.0	
24"		67.3	100.0	
28"		59.5	97.0	
30"		56.4	91.3	
33"		52.5	84.1	
36"		49.3	78.2	
40"		45.9	71.9	
48"		41.1	63.0	
56"		38.1	57.5	
17"		84"	83.0	100.0
20"			72.0	100.0
24"	61.7		88.9	
28"	54.4		77.1	
30"	51.5		72.5	
33"	47.8		66.6	
36"	44.8		61.8	
40"	41.6		56.7	
48"	37.0		49.3	

DESIGN LOAD CAPACITY - PSF (EXTERIOR & INTERIOR)			
WINDOW DIMS.		1 ANCHOR AT EACH SIDE OF MULL	2 ANCHORS AT EACH SIDE OF MULL
WIDTH (W)	MULL SPAN		
17"	90"	76.9	100.0
20"		66.6	85.6
24"		56.9	72.0
28"		50.1	62.3
30"		47.4	58.5
33"		43.9	53.7
36"		41.1	49.8
40"		38.1	45.5
48"		33.6	39.4
17"		96"	71.6
20"	62.0		70.4
24"	52.9		59.1
28"	46.4		51.1
30"	43.9		48.0
33"	40.6		44.0
36"	37.9		40.7
40"	35.1		37.1
48"	30.8		32.0

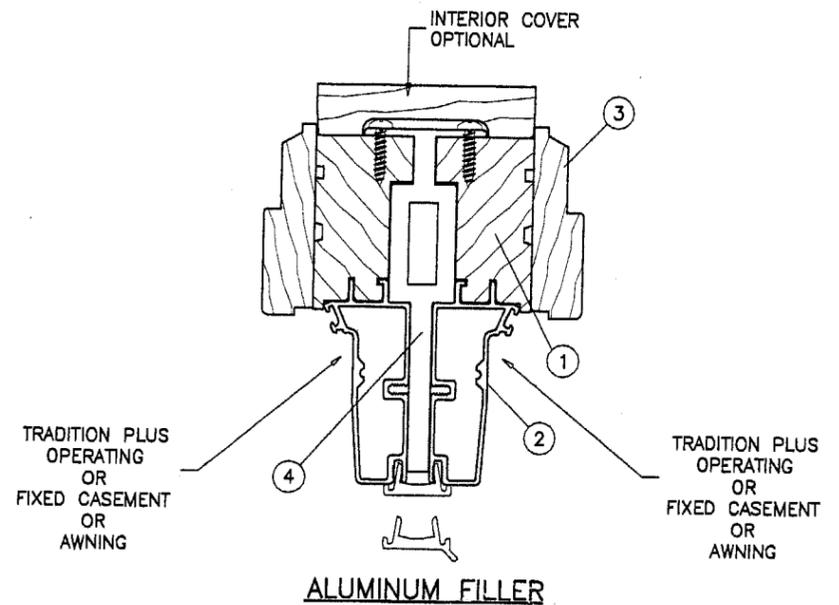
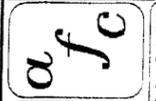


CHART ABOVE SHOWS MULLION & MULLION ANCHOR CAPACITIES REFER TO WINDOW NOA'S TO VERIFY WINDOW CAPACITIES THE LESSER VALUE WILL APPLY.

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

NOV 18 2004

Approved as complying with the Florida Building Code  
Date 01/27/05  
NOA# 04-1122-04  
Miami Dade Product Control Division  
By: *M. Shale*



**AL-FAROOQ CORPORATION**  
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1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
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TRADITION PLUS UNCLIPPED MULLION

**JELD WEN WINDOW DIVISION**  
201 EVANS ROAD  
RANTOUL, ILLINOIS 61866  
TEL. (217) 893-4444 FAX (217) 893-7650

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no	date	description
A	05.17.04	GENERAL REVISION

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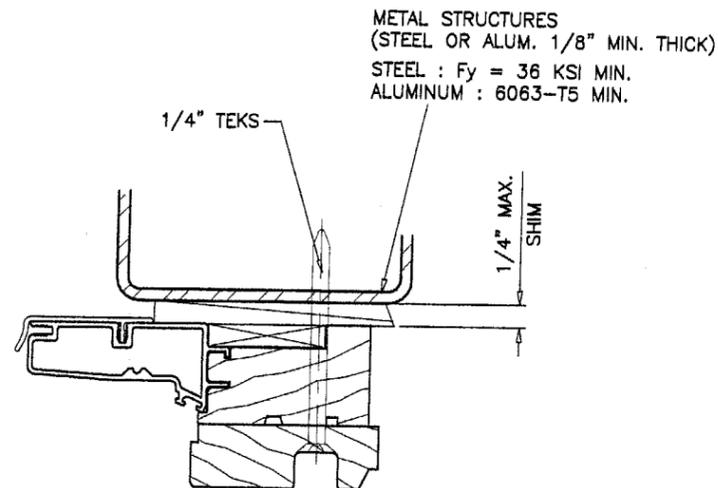
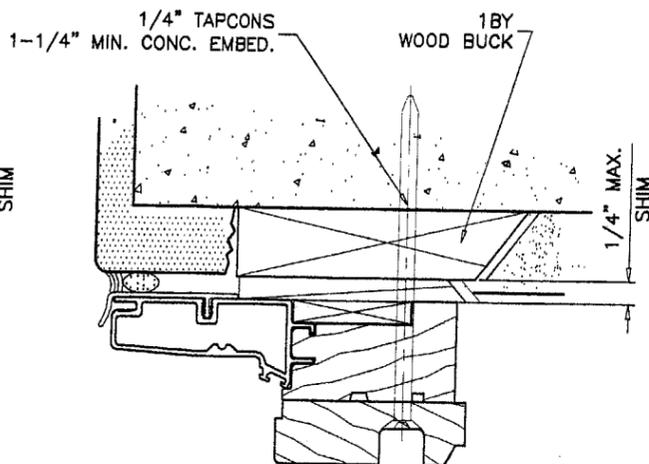
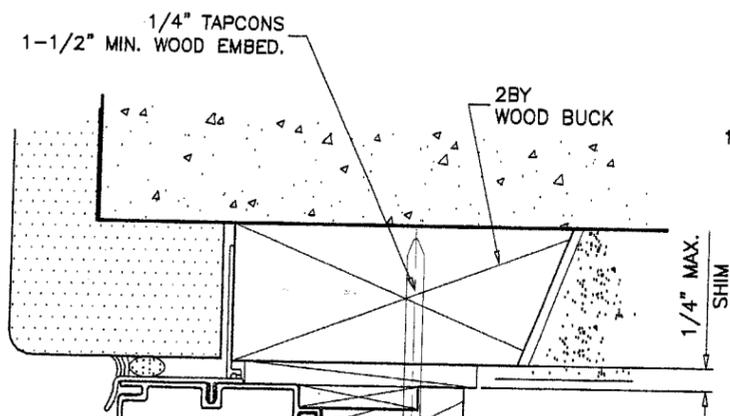
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dr. by: HAMID  
chk. by:

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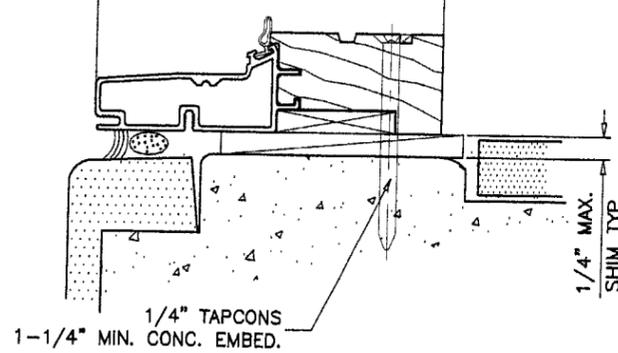
drawing no. **M04-01**  
sheet 2 of 3

MULLION\M04-01.JW

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



EXTERIOR



WOOD BUCKS NOT BY JELD-WEN, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

ITEM #	PART NO.	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	CA-259/260	AS REQD.	WINDOW FRAME	WOOD	JELD-WEN
2	CC-182	AS REQD.	FRAME NOSING	6063-T5	-
3	CA-253/254	AS REQD.	SIDE STOP	WOOD	JELD-WEN
4	-	AS REQD.	MULL FILLER	ALUMINUM	-

**MULLIONS CONTAINING FRAME MEMBER**  
SEE WINDOW APPROVAL FOR FASTENER SIZES AND SPACING

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538  
  
NOV 18 2004

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NOA# 01-1122.04  
Miami Dade Product Control  
Division  
By *M. Shabbir*

**af**  
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revisions:

no	date	description
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chk. by:

drawing no.  
**M04-01**  
sheet 3 of 3

MULLION M04-01JW