MIAMI-DADE

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)

Sunshine Windows Manufacturing, Inc.
1745 W 33rd Place
Hialeah, FL 33012

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: Un-clipped Aluminum Tube Mullions (Non-reinforced)

APPROVAL DOCUMENT: Drawing No. M95-15D, titled "Single Hung Window (2000) ", sheet 1 of 1, prepared, signed and sealed by Humayoun-Farooq, P.E., dated 2/8/96, 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 # 99-0310.01** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez.**

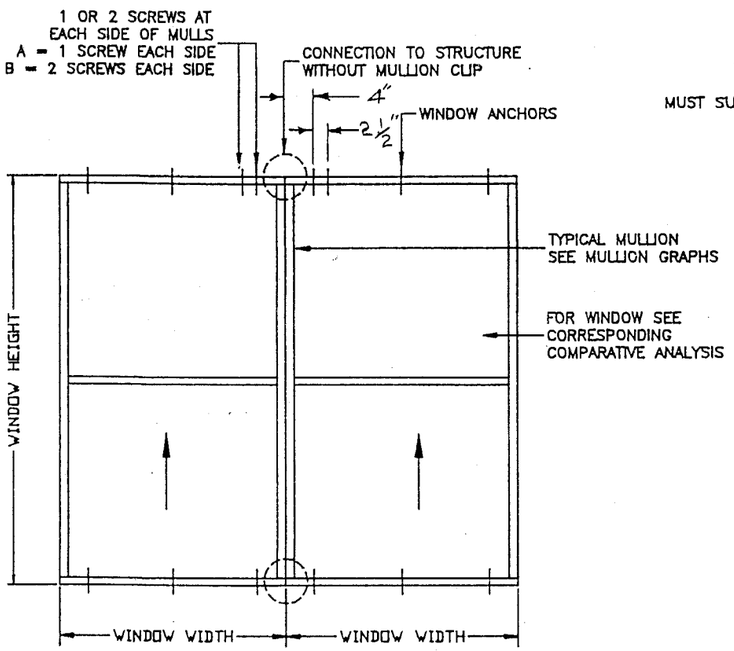
PRODUCT CONTROL ACCEPTED

PRODUCT RENEWED

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-0308.05
Expiration Date MAY 2-2007
By
Miami Dade Product Control
Division

ACCEPTANCE No. 99-0310.01
EXPIRATION DATE MAY 02-2002
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

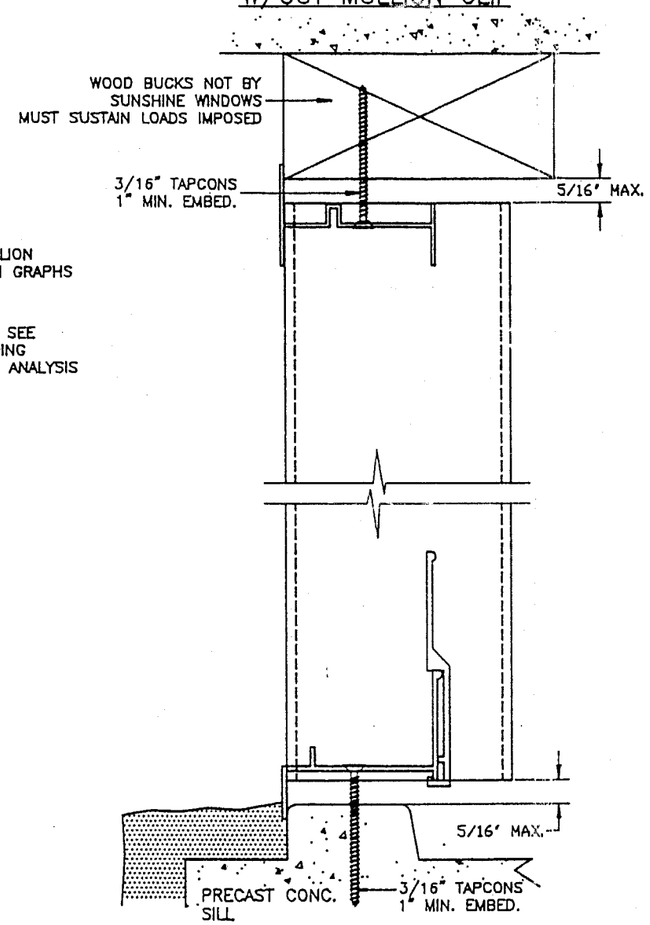
HEAD & SILL ANCHORS FOR MULLED WINDOWS W/OUT MULLION CLIP



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.



MULLIONS CONTAINING FRAME MEMBER # SSW-011 AT EACH SIDE HORIZONTAL OR VERTICAL

SEE WINDOW OR DOOR APPROVAL FOR FASTENERS SIZES AND SPACING

SIZES		DESIGN CAPACITY-PSF				
WINDOW	DIMS	ANCHORS		MULLIONS		
WIDTH (IN.)	HEIGHT (IN.)	HEAD AND SILL				
W	L	A	B	1x2	1x3	1x4
19.125	26	183.2	366.5	300.0	300.0	300.0
26.5		170.4	340.8	300.0	300.0	300.0
37		170.4	340.8	300.0	300.0	300.0
53.125		170.4	340.8	227.5	300.0	300.0
19.125	38.375	104.5	209.1	290.1	300.0	300.0
26.5		86.5	173.0	209.4	300.0	300.0
37		78.3	156.7	150.0	234.6	300.0
53.125		78.2	156.5	104.5	163.4	223.8
19.125	50.625	73.3	146.7	166.7	260.8	300.0
26.5		58.2	116.3	120.3	188.2	257.8
37		48.5	96.9	86.2	134.8	184.7
53.125		44.9	89.9	60.0	93.9	128.6
19.125	63	56.4	112.7	89.3	168.4	230.7
26.5		43.7	87.4	64.4	121.5	166.5
37		35.0	70.0	46.2	87.0	119.2
53.125		29.8	59.5	32.1	60.6	83.0
19.125	74.25	46.6	93.1	54.5	103.0	166.1
26.5		35.6	71.3	39.4	74.4	119.9
37		27.9	55.8	28.2	53.3	85.8
53.125		22.7	45.5	19.6	37.1	59.8

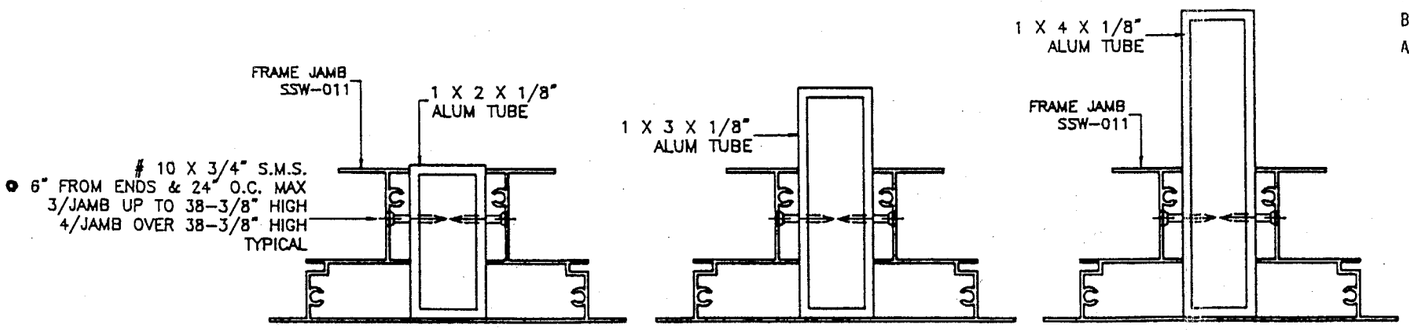
RECTANGULAR ALUMINUM TUBE MULLIONS (UN-CLIPPED)

WINDOW FRAME MEMBER # SSW-011 INCLUDED IN PROPERTIES.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MAY 2 1996
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-1212.04

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 MULLIONS TO BE ALLOY 6063-T5.



TOTAL PROPERTIES
I_x = .695 IN.^{4}
S_x = .560 IN.^{3}

TOTAL PROPERTIES
I_x = 1.313 IN.^{4}
S_x = .876 IN.^{3}

TOTAL PROPERTIES
I_x = 2.400 IN.^{4}
S_x = 1.200 IN.^{3}

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.

ENGINEER: HUMAYOUN FAROOQ
PE # 16557

FEB 0 8 1996

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT TESTING
1235 SW 87 AVE
MIAMI, FLORIDA 33174
(305) 264-8100
M95-15DS

SINGLE HUNG WINDOW (2000)

SUNSHINE WINDOWS
1745 W. 33RD PLACE
HIALEAH, FL. 33012
(305) 364-9952

revisions:			
no	date	by	description
1	2-96	H	ANC. SPEC. ADDED

date: 11-17-95
scale: 1/2" = 1'
design by:
drawn by: HAMID
checked by:

drawing no.
M95-15D

sheet 1 of 1