



**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)**

**Arso Enterprises  
d/b/a/ Sol- A – Trol Aluminum Products  
4101 NW 132<sup>nd</sup> Street  
Miami, FL 33054**

**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: Arso 6 Extruded Aluminum Unclipped Mullion**

**APPROVAL DOCUMENT:** Drawing No. 1791A, titled "Mullions for Multiple Aluminum Single Hung with Louvers", sheet 1 of 1, prepared by the manufacturer, dated 1/15/99, signed and sealed by William Myers, 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: 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 **renews NOA # 98-0706.02** and consists of this page 1 and evidence page(s), as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 03-0722.02  
Expiration Date: March 18, 2007  
Approval Date: September 25, 2003  
Page 1**

**Arso Enterprises d/b/a/ Sol- A – Trol Aluminum Products**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **1791A**, titled "Mullions for Multiple Aluminum Single Hung with Louvers", sheet 1 of 1, prepared by the manufacturer, dated 1/15/99, signed and sealed by William Myers, P.E.

**B. TESTS**

***Submitted under NOA#98-0706.02***

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294  
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 marked-up drawings and installation diagram of an aluminum single hung with louvers, dual action window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1791**, dated 10/16/97, signed and sealed by Gilbert Diamond, PE.

**C. CALCULATIONS**

***Submitted under NOA#98-0706.02***

1. Anchor Calculations and Structural Analysis, prepared by R. E. Fisher – W. M. Meyers, PE. Consulting, Engineers, dated 02/16/98, revised on 10/08/98, signed and sealed by W. M. Meyers, PE
2. Check Vertical Mullion of Test Unit Calculations, prepared by R. E. Fisher – W. M. Meyers, PE. Consulting Engineers, dated 02/16/98, revised on 03/19/98, signed and sealed by W. M. Meyers, PE.

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office

**E. MATERIAL CERTIFICATIONS**

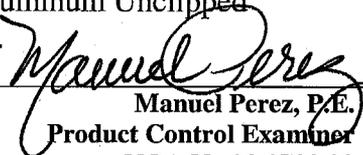
1. None

**F. STATEMENTS**

1. None

**G. OTHER**

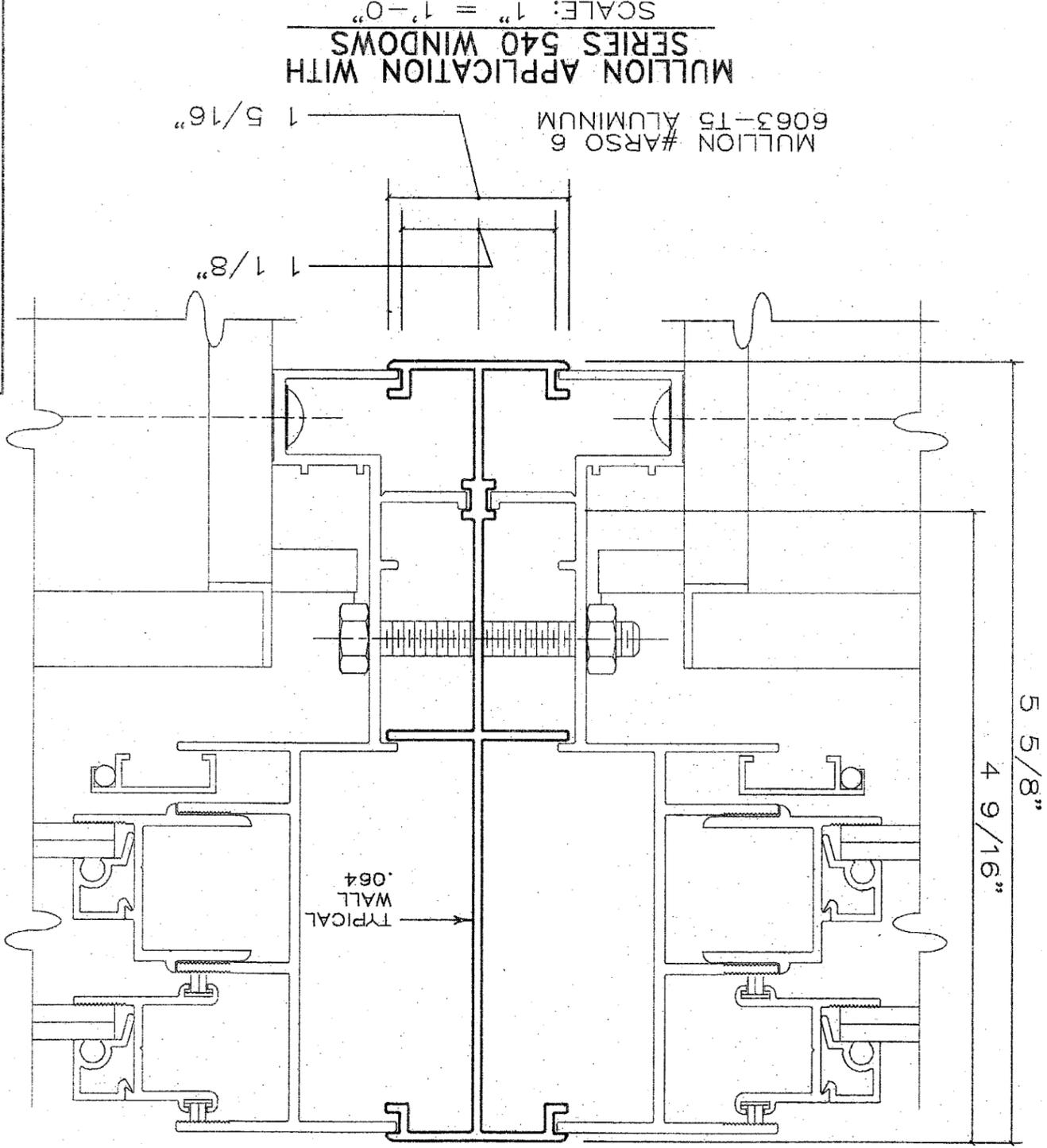
1. Notice of Acceptance No. **98-0706.02** issued to Arso Enterprises d/b/a/ Sol- A – Trol Aluminum Products, for their Arso 6 Extruded Aluminum Unclipped Mullion, approved on 3/18/99 and expiring on 3/18/02.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No 03-0722.02

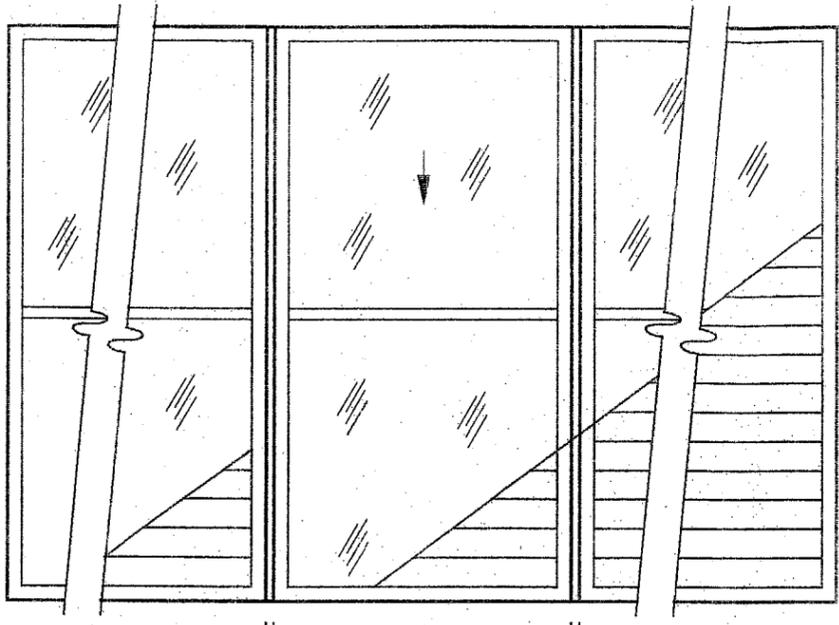
Expiration Date: March 18, 2007  
Approval Date: September 25, 2003

GENERAL NOTES:

- 1) DESIGN PRESSURE RATING = ± 70 P.S.F.
- 2) HURICANE PROTECTION SYSTEMS (SHUTTERS) ARE NOT REQUIRED.
- 3) BOLT LOCATION SHOWN IS TYPICAL FOR INSTALLATION EITHER INTO WOOD BUCKS OR DIRECTLY INTO CONCRETE
- 4) THIS DRAWING IS FOR MULTIPLE WINDOW OPENINGS (MORE THAN TWO SERIES #540-S WINDOWS) AND SHOULD BE USED IN CONJUNCTION WITH DRAWING #1791

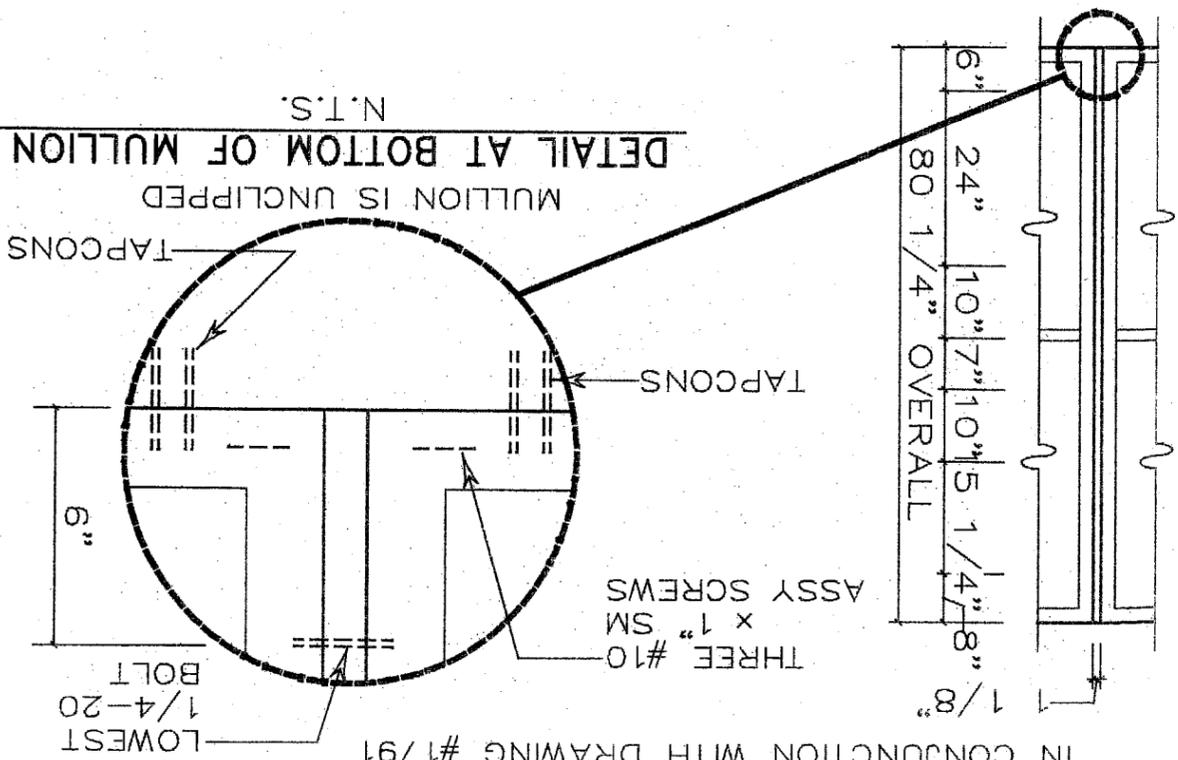


MULLION APPLICATION WITH SERIES 540 WINDOWS  
SCALE: 1" = 1'-0"



MULTIPLE ALUMINUM SINGLE HUNG W/ LOUVERS  
SCALE: 1" = 1'-0"

ELEVATION AT MULLION  
SCALE: 1" = 1'-0"



DETAIL AT BOTTOM OF MULLION  
MULLION IS UNCLIPPED  
N.T.S.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE: *March 18, 1995*  
BY: *Walter Davis*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. *95-0766-02*

PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No. *03-0722-02*  
Expiration Date: *MARCH 18, 2007*  
By: *Walter Davis*  
Division: *Miami Dade Product Control*

**MULLION FOR MULTIPLE ALUMINUM SINGLE HUNG WITH LOUVERS**  
- Product Approval Submittal Drawings -

**SOL-A-TROL**  
aluminum products  
4101 N.W. 132nd Street  
Miami, Florida 33054  
Phone: (305) 681-2020  
Fax: (305) 681-2035

PLOT SCALE: \_\_\_\_\_  
DWG. NO. **1791A**  
DATE: Jan 15, 1999  
CH BY: Don Miller  
SOL-A-TROL  
1 of 1

12785  
Shankland  
02/02/99