



**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)**

**Glasswall and Doors, Inc.  
3945 NW 32 Avenue  
Miami, FL 33142**

**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 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: Series 103 Aluminum Glass Railing System.**

**APPROVAL DOCUMENT:** Drawing No.02-0402, Sheets 1 through 3 of 3, titled "Series 103 Railing System," dated 04/22/02, revised on 6/25/02, prepared by Applied Engineering Concepts, Inc. signed and sealed by K. A. Whitfield PE., bearing the Miami-Dade County Product Control Approval stamp with the NOA number and approval 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 consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez PE.**



**NOA No: 02-0507.05  
Expiration Date: July 25, 2007  
Approval Date: July 25, 2002  
Page 1**

**Glasswall and Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**A. DRAWINGS**

1. Drawing No. **02-0402**, Sheets 1 through 3 of 3, titled "Series 103 Railing System," dated 04/22/02, revised on 6/25/02, prepared by Applied Engineering Concepts, Inc. signed and sealed by K. A. Whitfield PE.

**B. TESTS**

1. Test report on Uniform Static Air Pressure Test per PA 202 on Series 103; Aluminum Glass Glazed Railing System Acceptance, Test No. **FTL-3368**, prepared by Fenestration Testing Laboratory, Inc. on 02/18/02, signed and sealed by L. A. Figueredo, PE.

**C. CALCULATION**

1. Structural Verification of mullion, anchor and glass; sheets 1 through 15, prepared by Applied Engineering Concept, Inc., signed and sealed by K. A. Whitfield PE. on 04/30/02.

**D. MATERIAL CERTIFICATIONS**

1. Die drawing of parts, prepared by Aluminio Nacional S.A., No. 1371 through 1381, 10/19/01 and stamped by Fenestration Testing Laboratory, Inc. with No. 3368

**E. STATEMENTS**

1. Code compliance letter issued by Applied Engineering Concept, Inc. on 05/02/02, signed by K. A. Whitfield, PE.
2. No financial Interest letter issued by Applied Engineering Concept, Inc. on 05/02/02, signed and sealed by K. A. Whitfield PE.

**F. OTHER**

1. None.

  
Manuel Perez, PE.  
Product Control Examiner

NOA No 02-0507.05

Expiration Date: July 25, 2007

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**APPLIED  
ENGINEERING  
CONCEPTS, INC.**

6210 N.W. 173 ST  
SUITE 815  
MIAMI, FLORIDA 33015  
TEL. (305) 335 3640

**GLASS WALL**  
3550 N.W. 49 ST  
MIAMI, FL. 33142  
TEL. (305) 638-5151

**SERIE 103  
RAILING SYSTEM**

DATE: 04/22/02  
PROJECT NO.: 02-0402  
CAD FILE NAME.: 02-0402  
DWG. BY: J.C.

SHEET 1 OF 3

DATE	DESCRIPTION
6-25-2	AS PER DADE COUNTY REQUIREMENTS

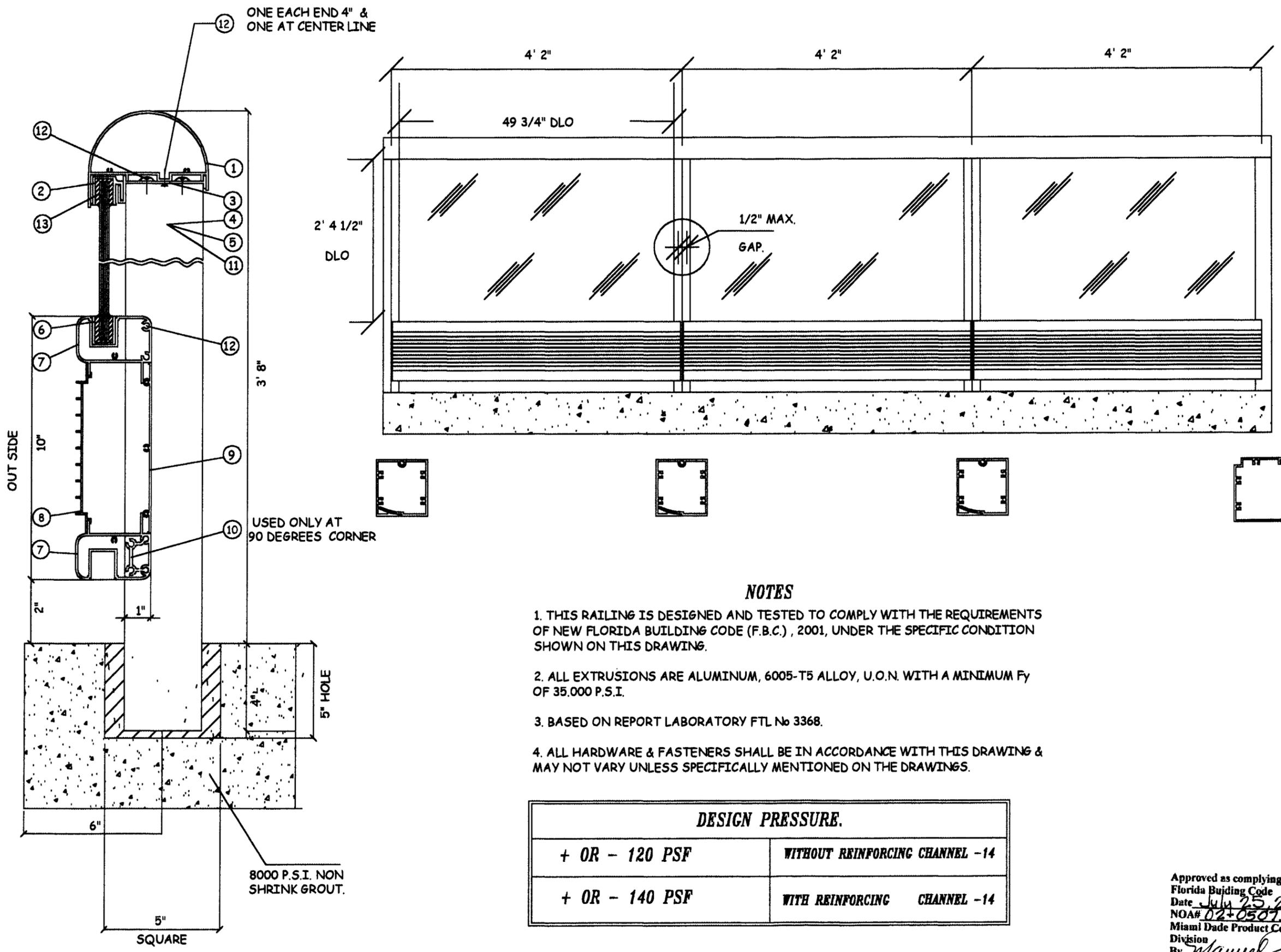
**REVISIONS DESCRIPTION**

**KELVYN A. WHITFIELD.**  
P.E.  
MECHANICAL ENGINEER

6/25/02  
*[Signature]*

Approved as complying with the  
Florida Building Code  
Date July 25, 2002  
NOA# 02-0507-05  
Miami Dade Product Control  
Division  
By *[Signature]*

02-0507-05



**NOTES**

1. THIS RAILING IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF NEW FLORIDA BUILDING CODE (F.B.C.), 2001, UNDER THE SPECIFIC CONDITION SHOWN ON THIS DRAWING.
2. ALL EXTRUSIONS ARE ALUMINUM, 6005-T5 ALLOY, U.O.N. WITH A MINIMUM Fy OF 35,000 P.S.I.
3. BASED ON REPORT LABORATORY FTL No 3368.
4. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THIS DRAWING & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.

DESIGN PRESSURE.	
+ OR - 120 PSF	WITHOUT REINFORCING CHANNEL -14
+ OR - 140 PSF	WITH REINFORCING CHANNEL -14

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**SERIE 103  
RAILING SYSTEM**

DATE: 04/22/02  
PROJECT NO.: 02-0402  
CAD FILE NAME.: 02-0402  
DWG. BY: J.C.

**SHEET 2 OF 3**

DATE	DESCRIPTION
6-25-02	AS PER DADE COUNTY REQUIREMENTS

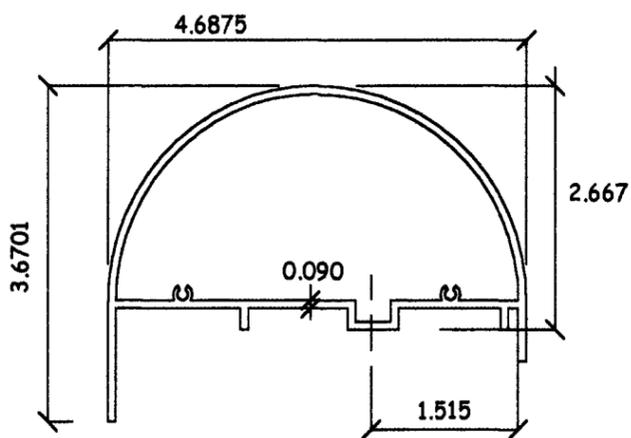
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**KELVYN A. WHITFIELD,  
P.E.  
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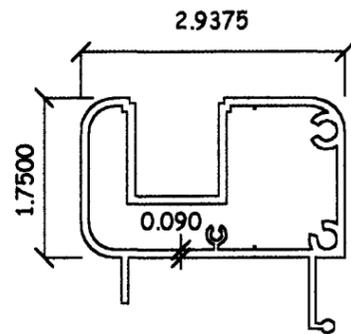
6/25/02



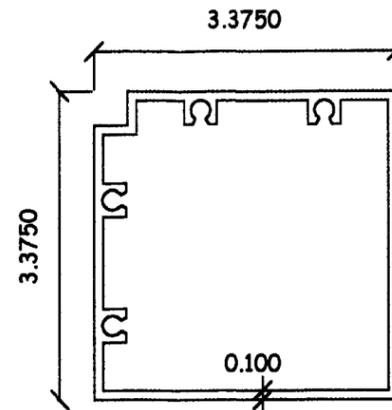
Approved as complying with the  
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Date July 25, 2002  
NOA# 02L0507.05  
Miami Dade Product Control  
Division  
By Mauro Perez



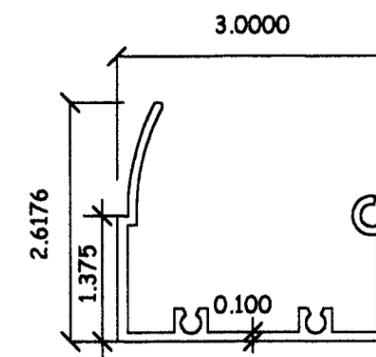
103-005 Top Rail  
Alloy: 6005-T5  
PART # 1  
HALF SCALE



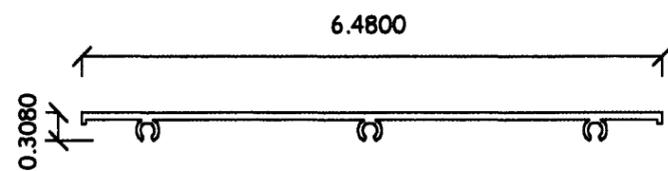
103-007 Horizontal Mull  
Alloy: 6005-T5  
PART # 7  
HALF SCALE



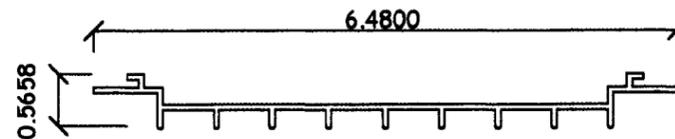
103-003 Post 90°  
Alloy: 6005-T5  
PART # 11  
HALF SCALE



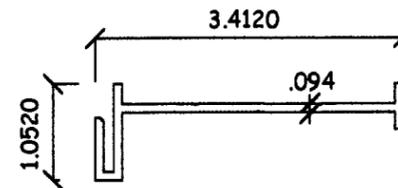
103-002 Post 180° Male  
Alloy: 6005-T5  
PART # 5  
HALF SCALE



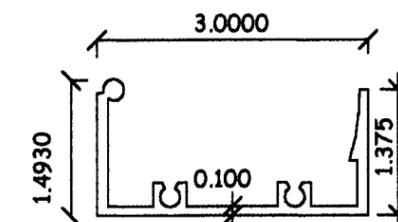
103-009 Inside Cover  
Alloy: 6005-T5  
PART # 9  
HALF SCALE



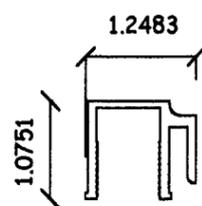
103-010 Outside Cover  
Alloy: 6005-T5  
PART # 8  
HALF SCALE



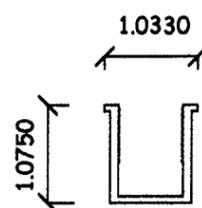
103-006 Top Rail  
Alloy: 6005-T5  
PART # 3  
HALF SCALE



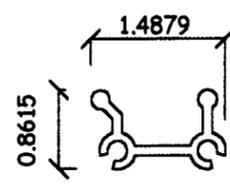
103-001 Post 180° Female  
Alloy: 6005-T5  
PART # 4  
HALF SCALE



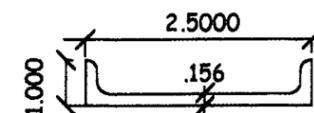
103-008 Top Panel  
Alloy: 6005-T5  
PART # 2  
HALF SCALE



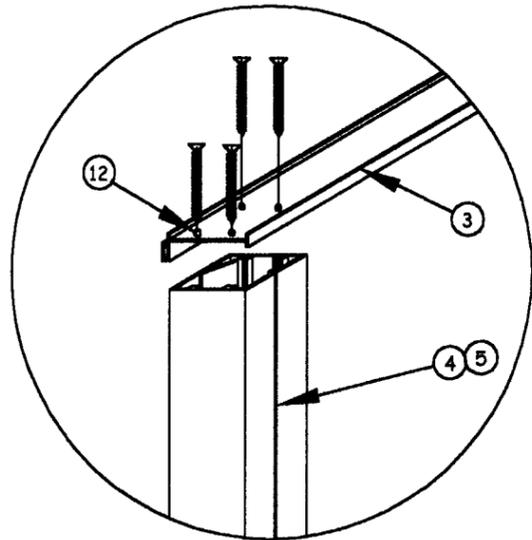
103-011 Bottom Panel  
Alloy: 6005-T5  
PART # 6  
HALF SCALE



103-004 90° Clip  
Alloy: 6005-T5  
PART # 10  
USED AT CORNER  
POST 103-003  
HALF SCALE



ALLOY 6063-T6 REINFORCEMENT  
CHANNEL  
PART # 14  
HALF SCALE



**HAND RAIL CONNECTION  
TO VERTICAL MULLION  
BASED ON TEST REPORT  
FTL 3368**

Item Number	Part Number	Part Name	Remarks
1	103-005	Top Rail	All Extrusions are Painted
2	103-008	Top Panel	All Extrusions are Painted
3	103-006	Top Rail	All Extrusions are Painted
4	103-001	Post 180° Female	All Extrusions are Painted
5	103-002	Post 180° Male	All Extrusions are Painted
6	103-011	Bottom Panel	All Extrusions are Painted
7	103-007	Horizontal Mull	All Extrusions are Painted
8	103-010	Outside Cover	All Extrusions are Painted
9	103-009	Inside Cover	All Extrusions are Painted
10	103-004	90° Clip - 1 1/2" Long.	Attach with (2) #14 x 2" long. SMS
11	103-003	Post 90°	All Extrusions are Painted
12		Screw	# 14 x 1" SMS PH Stainless Steel
13	7P-731	R Marine Glazed	Railing Marine Glazed
14		Alum. Reinforcement	16" Long, Painted

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**SERIE 103  
RAILING SYSTEM**

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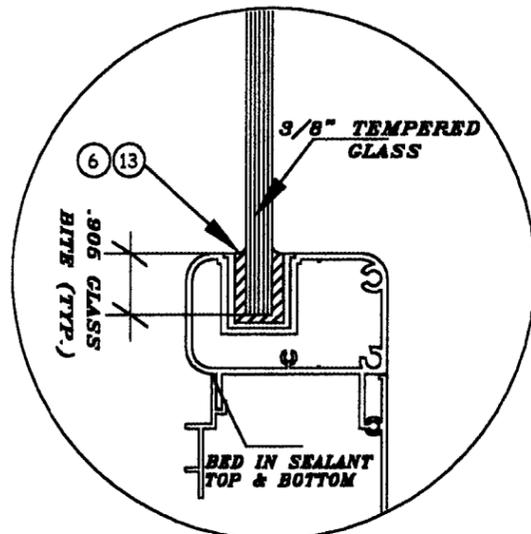
**SHEET 3 OF 3**

DATE	DESCRIPTION
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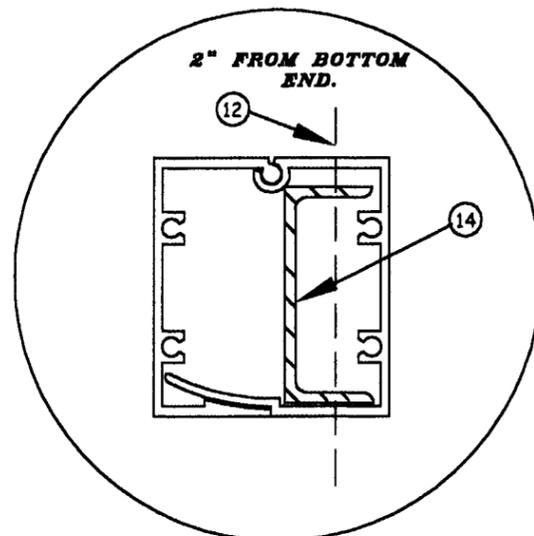
**REVISIONS DESCRIPTION**

**KELVYN A. WHITFIELD,  
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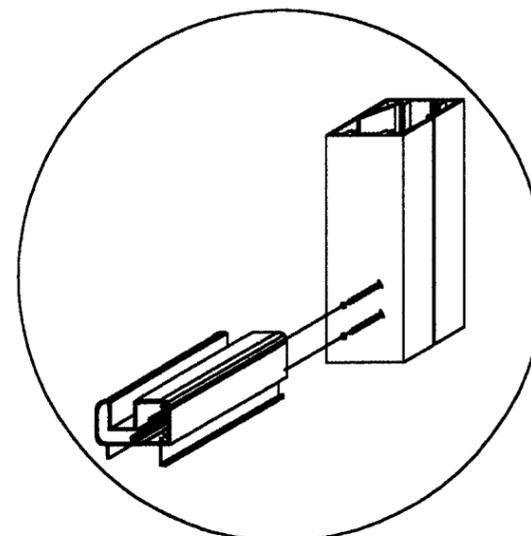
6/25/02



**GLAZING DETAIL  
BASED ON TEST REPORT  
FTL 3368**



**REINFORCEMENT DETAIL**



**CONNECTION OF HORIZONTAL  
MULLION TO POST**

Approved as complying with the  
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Date July 25, 2002  
NOA# 02-0507-05  
Miami Dade Product Control  
Division  
By: Maurice Perry