

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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Glasswall and Doors, Inc.
3550 N.W. 49 Street
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 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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 103 Aluminum Glass Railing System – N.I.

APPROVAL DOCUMENT: Drawing No. **DB REV.041207.DWG**, Sheets 1 through 3 of 3, titled "Series 103 Railing System," dated 04/22/2002, revised on 04/12/2007, prepared by Applied Engineering Concepts, Inc. signed and sealed by Kelvyn A. Whitfield PE., 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.

REVISION 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 # 02-0507.05** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
12/13/07

NOA No. 07-0731.07
Expiration Date: July 25, 2012
Approval Date: December 20, 2007
Page 1

Glasswall and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **DB REV.041207.DWG**, Sheets 1 through 3 of 3, titled "Series 103 Railing System," dated 04/22/2002, revised on 04/12/2007, prepared by Applied Engineering Concepts, Inc., signed and sealed by Kelvyn A. Whitfield, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test per PA 202
2) Safety Performance Specifications and Methods of Test per ANSI Z 97.1 - 1984
along with marked-up drawings and installation diagram of "Series 103 Aluminum Glass Glazed Railing System Acceptance", Test No. **FTL-3368**, prepared by Fenestration Testing Laboratory, Inc., dated 02/18/2002, signed and sealed by Luis Antonio Figueredo, PE.
(Submitted under NOA# 02-0507.05)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Applied Engineering Concept, Inc., dated 04/30/2002, signed and sealed by K. A. Whitfield PE.
Complies with ASTM E1300-98

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS

1. Statement letter of conformance, no financial interest and compliance, dated 07/24/2007, signed and sealed by Kelvyn A. Whitfield, P.E.

G. OTHER

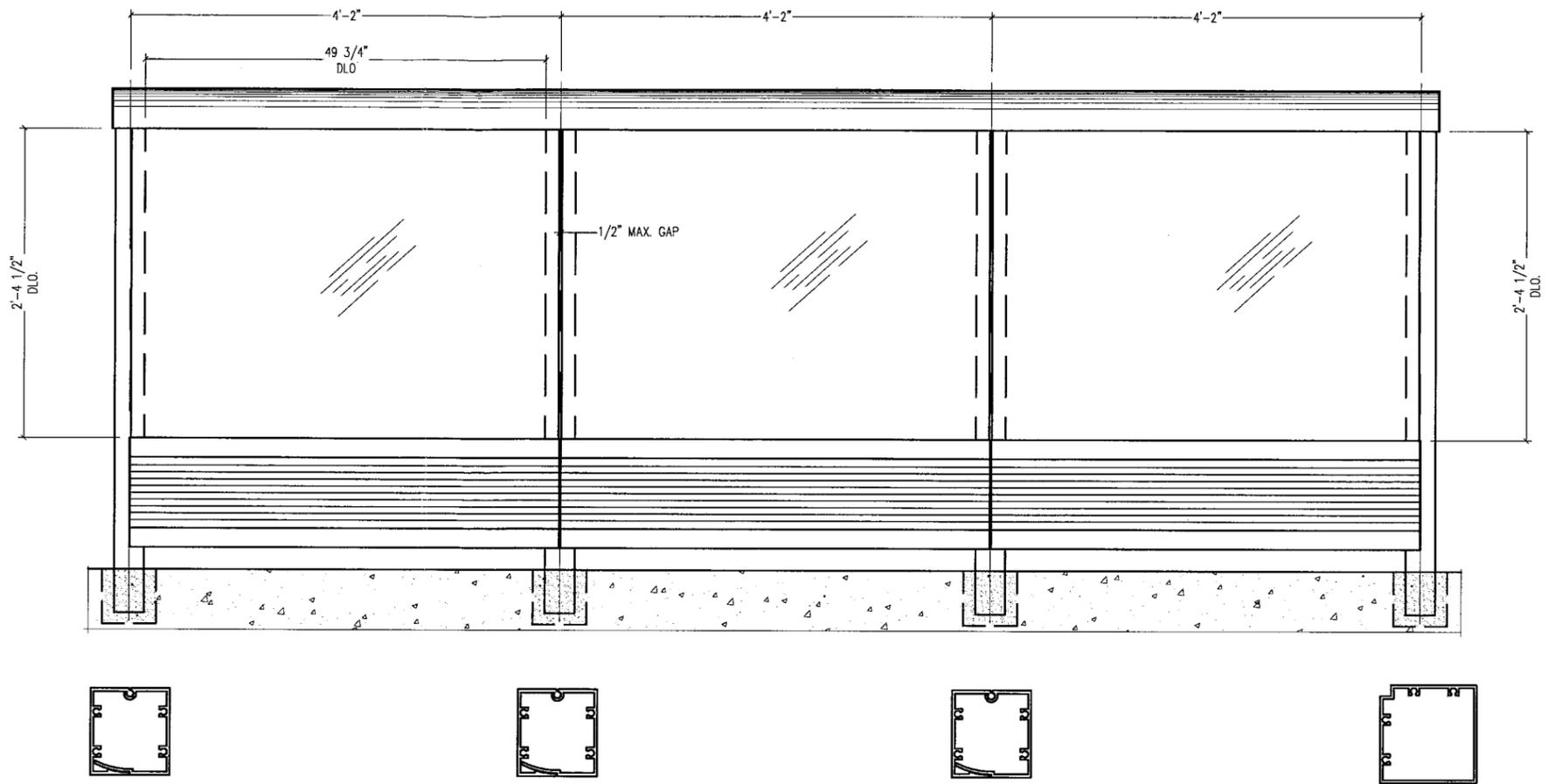
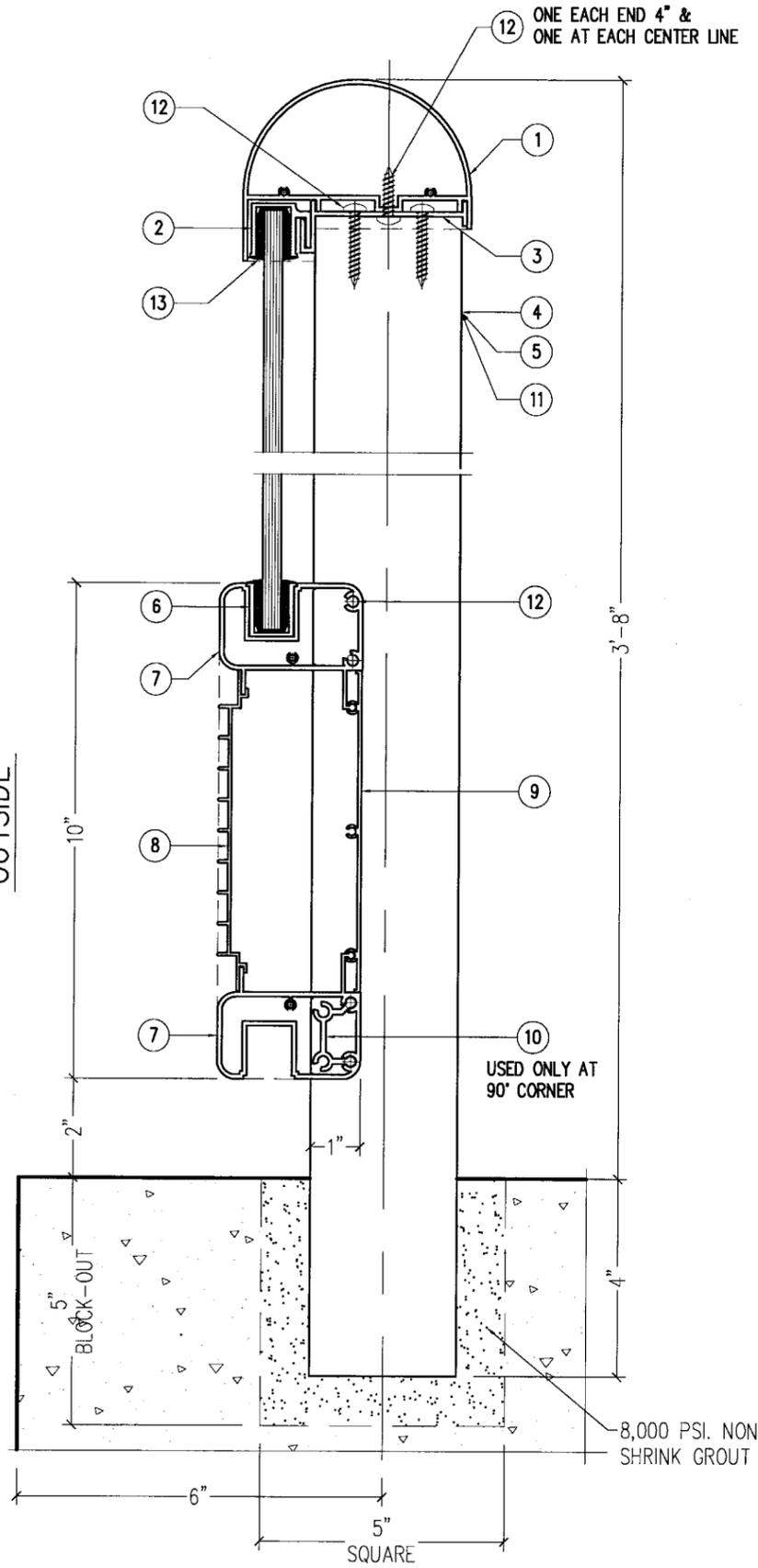
1. Notice of Acceptance No. **02-0507.05**, issued to Glasswall and Doors, Inc. for their Series "103 Railing System", approved on 07/25/2002 and expiring on 07/25/2007.



Jaime D. Gascon, P.E.
Chief, Product Control Revision
NOA No. 07-0731.07

Expiration Date: July 25, 2012
Approval Date: December 20, 2007

OUTSIDE



NOTES

1. THIS RAILING IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (F.B.C.), 2004, 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 PSI.
3. BASED ON REPORT LABORATORY FTL No. 3368.
4. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THIS DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
5. A 1/3 STRESS INCREASE WAS NOT USED IN THE CALCULATION OF THE ALLOWABLE LOADS OF THE ASSEMBLY ANCHORS.

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

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 07-0731.07
 Expiration Date 07/25/2012
 By *[Signature]*
 Miami Code Product Control
 Division

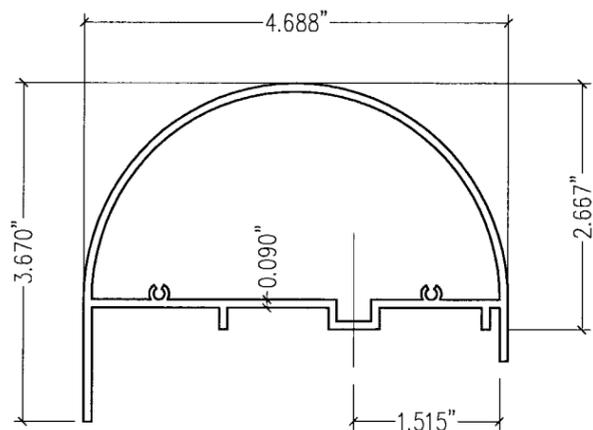
ELEVATION SHEET
 KELVYN WHITFIELD.P.E
 1002 NE 116 ST
 MIAMI, FL 33161
[Signature]
 DATE 1/24/07
 FLORIDA No-24140
 MECHANICAL

REVISION	
Date	Description
8-28-2	AS PER DAD COUNTY REQUIREMENTS
4-18-7	AS PER DAD COUNTY REQUIREMENTS
4-12-7	

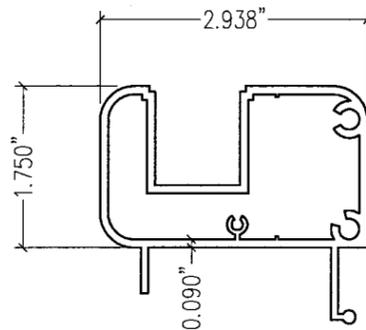
Date 4-12-7
 Scale As noted
 Design by -
 Drawing by D.R.
 Checked by K.W.
 Drawing No.
 DB REV.041207.DWG
 Sheet 1 of 3

Series # 103
 RAILING SYSTEM

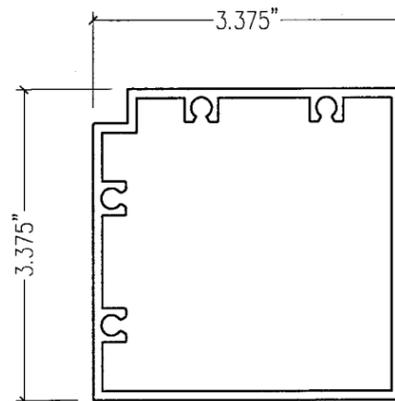
Glasswall LLC.
 3550 NW 49th Street
 Miami, Florida 33142
 Tel +305-638-5151 - Fax +305-638-5158



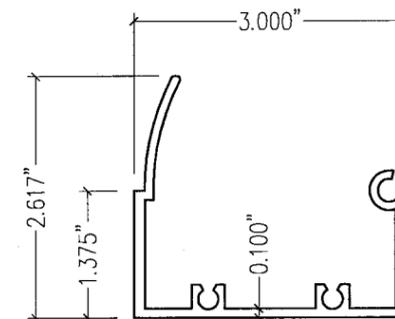
103-005 TOP RAIL
ALLOY: 6005-T5
PART # 1
HALF SCALE



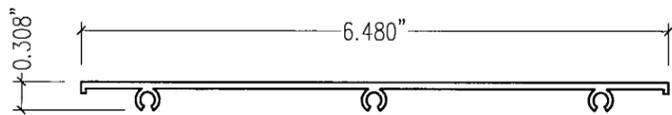
103-007 HORIZONTAL MULL.
ALLOY: 6005-T5
PART # 7
HALF SCALE



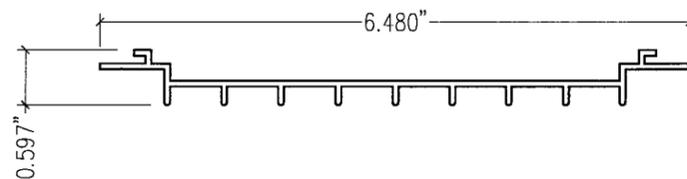
103-003 POST 90°
ALLOY: 6005-T5
PART # 11
HALF SCALE



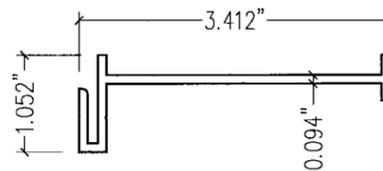
103-002 POST 180° MALE
ALLOY: 6005-T5
PART # 5
HALF SCALE



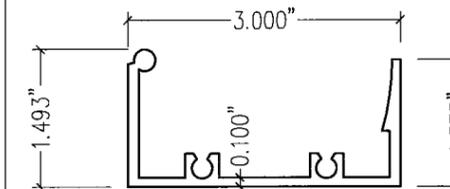
103-009 INSIDE COVER
ALLOY: 6005-T5
PART # 9
HALF SCALE



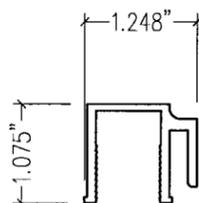
103-010 OUTSIDE COVER
ALLOY: 6005-T5
PART # 8
HALF SCALE



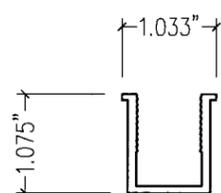
103-006 TOP RAIL
ALLOY: 6005-T5
PART # 3
HALF SCALE



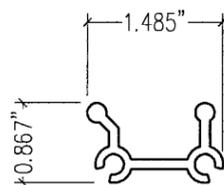
103-001 POST 180° FEMALE
ALLOY: 6005-T5
PART # 4
HALF SCALE



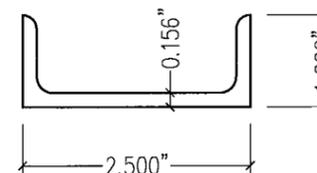
103-008 TOP PANEL
ALLOY: 6005-T5
PART # 2
HALF SCALE



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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0731.07
Expiration Date 07/25/2012
By *[Signature]*
Miami Dade Product Control
Division

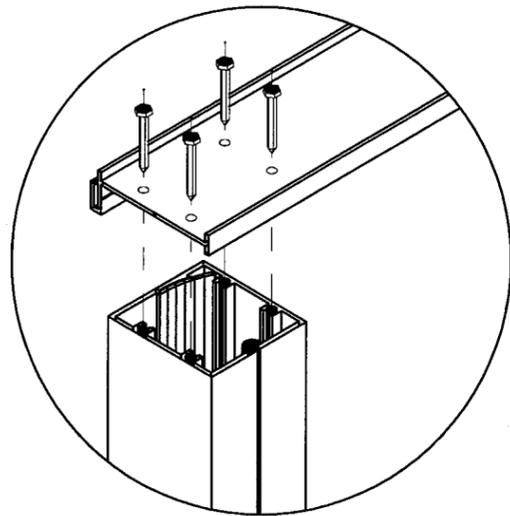
EXTRUSIONS
KELVYN WHITFIELD.P.E.
1002 NE 116 ST
MIAMI, FL 33161
DATE 7/29/07
FLORIDA No-24140
MECHANICAL

Revision	
Date	Description
6-26-2	AS PER DAD COUNTY REQUIREMENTS
4-12-7	AS PER DAD COUNTY REQUIREMENTS
4-12-7	
4-12-7	

Glasswall Llc.
3550 NW 49th Street
Miami, Florida 33142
Tel +305-638-5151 - Fax +305-638-5158

Series # 103
RAILING SYSTEM

Date 4-12-7
Scale As noted
Design by -
Drawing by D.B.
Checked by K.W.
Drawing No.
DB REV.041207.DWG
Sheet 2 of 3



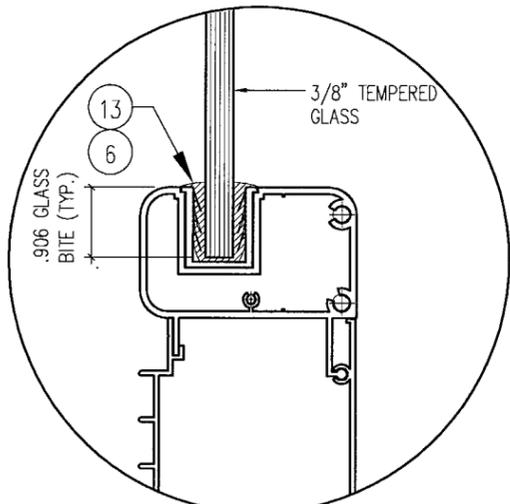
ITEM NUMBER	PART NUMBER	PART NAME	REMARKS
1	103-005	TOP RAIL	ALL EXTRUSIONS ARE PAINTED
2	103-008	TOP PANEL	ALL EXTRUSIONS ARE PAINTED
3	103-006	TOP RAIL	ALL EXTRUSIONS ARE PAINTED
4	103-001	POST 180° FEMALE	ALL EXTRUSIONS ARE PAINTED
5	103-002	POST 180° MALE	ALL EXTRUSIONS ARE PAINTED
6	103-011	BOTTOM PANEL	ALL EXTRUSIONS ARE PAINTED
7	103-007	HORIZONTAL MULLION	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" LG. SMS
11	103-003	POST 90°	ALL EXTRUSIONS ARE PAINTED
12		SCREW	#14 X 1" LG. SMS PH STAINLESS STEEL
13	7P-731	R MARINE GASKET	RAILING MARINE GASKET
14		ALUM. REINFORCEMENT	16" LONG, PAINTED

Glasswall LLC.
 3550 NW 49th Street
 Miami, Florida 33142
 Tel +305-638-5151 - Fax +305-638-5158

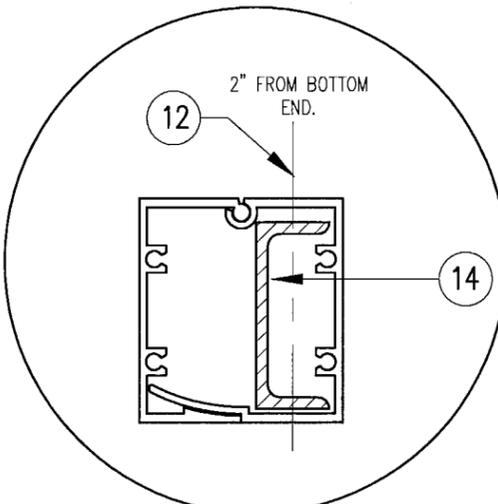
Series # 103
RAILING SYSTEM

REVISION	
Date	Description
6-25-2	AS PER DAD COUNTY REQUIREMENTS
4-12-7	AS PER DAD COUNTY REQUIREMENTS
4-12-7	
4-12-7	
4-12-7	

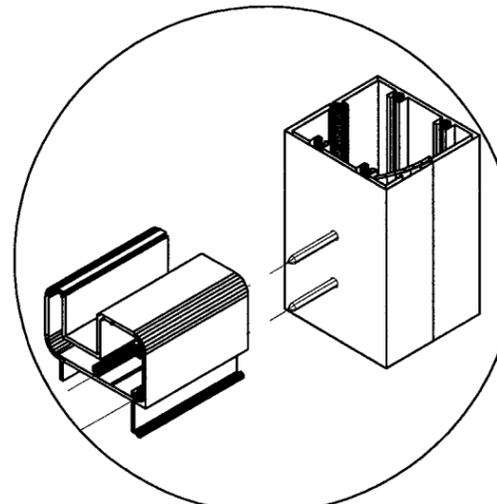
Date: 4-12-7
 Scale: As noted
 Design by: -
 Drawing by: D.B.
 Checked by: K.W.
 Drawing No.: DB REV.041207.DWG
 Sheet 3 of 3



GLAZING DETAIL
 BASED ON TEST REPORT
 FTL 3368



REINFORCEMENT DETAIL



CONNECTION OF HORIZONTAL
 MULLION TO POST

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 07-0731.07
 Expiration Date 07/25/2012
 By: *[Signature]*
 Miami-Dade Product Control
 Division

PARTS
 KELVYN WHITFIELD.P.E
 1902 NE 116 ST
 MIAMI, FL 33161
 DATE 7/24/07
 FLORIDA No-24140
 MECHANICAL