



MIAMI-DADE COUNTY
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

www.miamidade.gov

NOTICE OF ACCEPTANCE (NOA)

Rollingshield, Inc.
2500 NW 74th Avenue
Miami, Florida 33122

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: Aluminum Railings

APPROVAL DOCUMENT: Drawing No. 09-061, titled " Aluminum Railing ", sheets 1 and 2 of 2, prepared by EngCo, Inc., dated April 27, 2009, signed and sealed by Pedro De Figueiredo, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the 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 the 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. The structural adequacy of the supporting structures is not part of this approval & shall be reviewed by the corresponding Building Dept. This NOA **revises & renews** NOA # **04-0322.01** and consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
 06/10/2009

NOA No. 09-0505.08
Expiration Date: 07/08/2014
Approval Date: 06/10/2009
Page 1

Rollingshield, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 04-0322.01

A. DRAWINGS

1. *Drawing No. 03-138R1, titled " Aluminum Railings ", sheets 1 and 2 of 2, prepared by EngCo, Inc., dated May 23, 2003, signed and sealed by Pedro De Figueiredo, P.E.*

B. TESTS

1. *Test Report No. 3936, by Fenestration Testing Laboratory, Inc., dated October 9, 2003, signed and sealed by Edmundo Largaespada, P.E.*
2. *Test Report No. 3937, by Fenestration Testing Laboratory, Inc., dated October 9, 2003, signed and sealed by Edmundo Largaespada, P.E.*
3. *Test Report No. 3918, by Fenestration Testing Laboratory, Inc., dated October 9, 2003, signed and sealed by Edmundo Largaespada, P.E.*

C. CALCULATIONS

1. *Calculation titled " Check Guard Rail Adequacy As Per F.B.C. ", 2 sheets, dated March 10, 2004, by EngCo, Inc., signed and sealed by Pedro De Figueiredo, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *" PLANIGROUT 740 " High Strength, Pre-Blended Non-Shrink Grout specification by MAPEI.*

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 09-061, titled " Aluminum Railing ", sheets 1 and 2 of 2, prepared by EngCo, Inc., dated April 27, 2009, signed and sealed by Pedro De Figueiredo, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

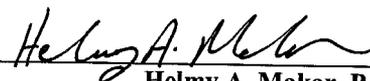
1. *Calculation titled " Aluminum Railing, Florida Building Code 2007 HVHZ ", 13 sheets, dated April 27, 2009, by EngCo, Inc., signed and sealed by Pedro De Figueiredo, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*



**Helmy A. Makar, P.E., M.S.
Senior Product Control Examiner**

NOA No. 09-0505.08

Expiration Date: 07/08/2014

Approval Date: 06/10/2009

TABLE OF CONTENTS:

SHEET 1 of 2 - GENERAL NOTES AND ELEVATIONS
 SHEET 2 of 2 - COMPONENTS AND SECTIONS

GENERAL NOTES:

1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2007 Ed. INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ)

2- DEFINITION: THIS PRODUCT IS AN ALUMINUM GUARD RAIL.

3- POSTING:
 "ALUMINUM GUARD RAIL
 ROLLING SHIELD, INC. MIAMI - FLORIDA
 MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED"

4- LIVE LOADS: THIS PRODUCT MEETS THE LOAD REQUIREMENTS FOR RAILING UNDER SECTIONS 1607. 7. 1 AND 1618. 4. 6 (FBC 2007 non HVHZ AND HVHZ) AND ASCE 7-05 CHAPTER 4 SECTION 4. 4.

5- MATERIAL: ALL ALUMINUM PARTS TO BE 6063-T6 ALLOY OR AS SPECIFIED ON THIS APPROVAL.

6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THIS APPROVAL. POST SPACING MUST NOT EXCEED THE MAXIMUM LIMITS SPECIFIED BY THIS APPROVAL.

7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:

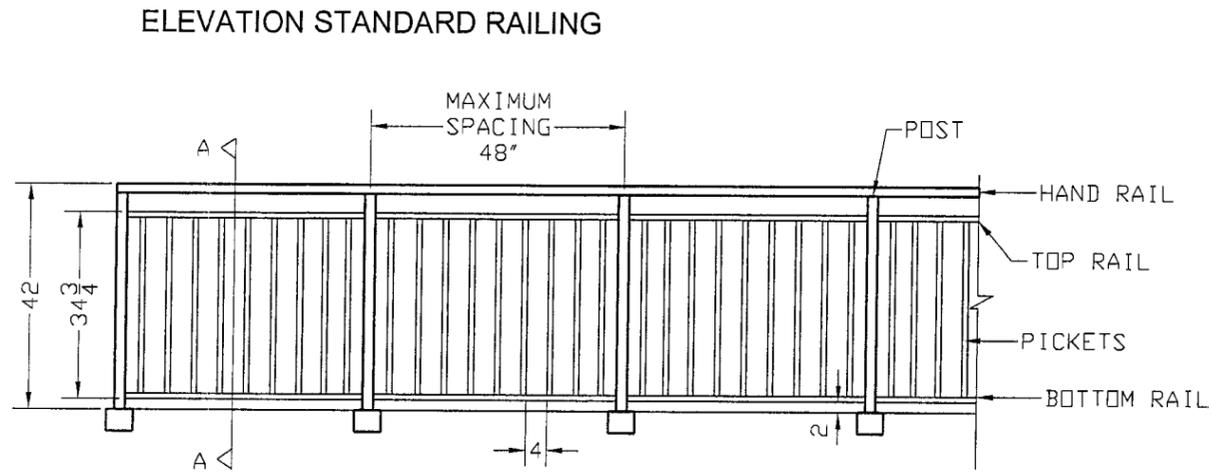
7.1- THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.

7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, ETC.

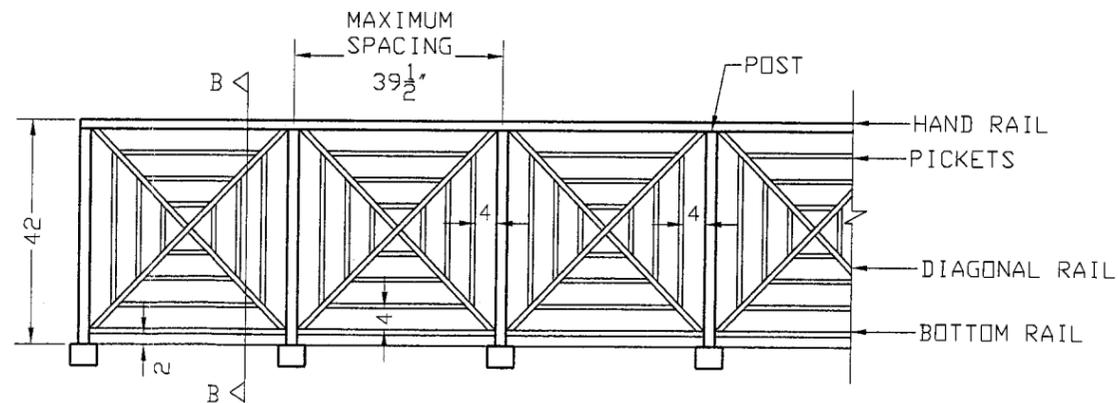
7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

**COMPLIANCE WITH THE
 FLORIDA BUILDING CODE 2007**

TYPICAL ELEVATION



ELEVATION SAN ANDRES RAILING



MANUFACTURER:
Rollingshield, Inc.
 2500 NW 74TH AVE.
 MIAMI - FLORIDA - 33122
 TEL.: (305) 436-6661
 FAX: (305) 436-5523

PRODUCT:
ALUMINUM RAILING

Engineering:
EngCo Inc.
 CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, Fl. 33313
 ENGCO@AOL.COM

[Signature]
APR 27 2009

Engineer Seal
 Pedro De Figueiredo
 PE 52609

DRAFTING:
PK DRAFTING & MORE

MIAMI-DADE BCCO:

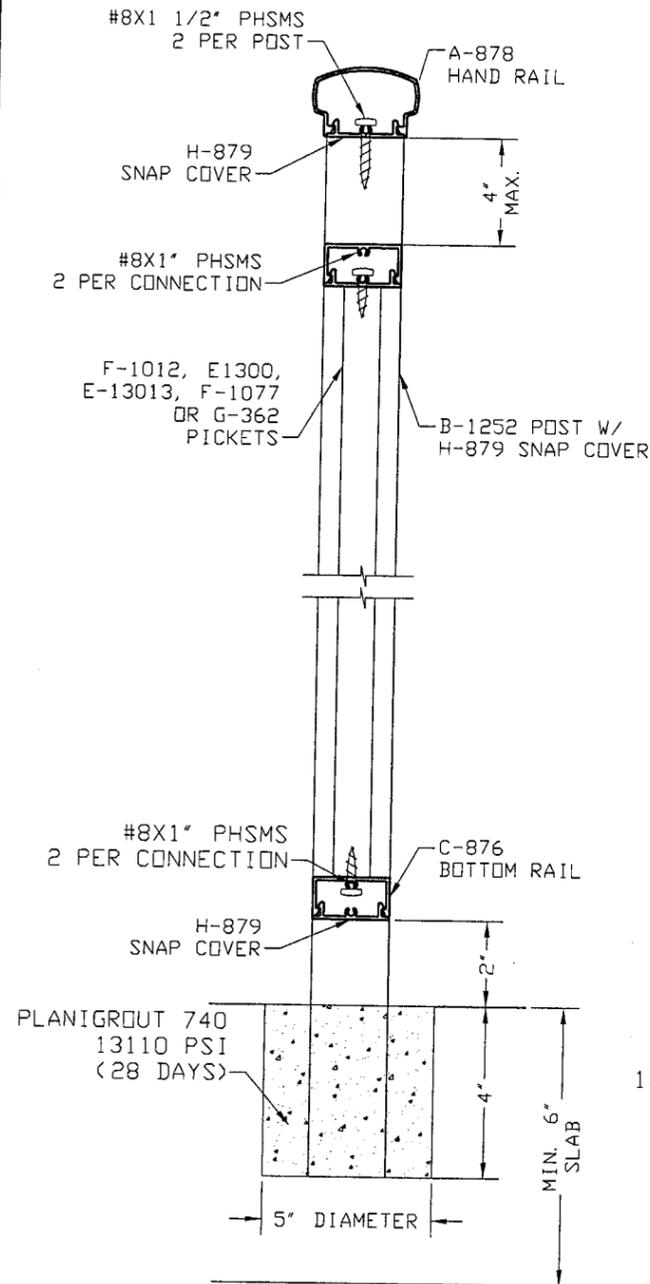
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 09-0505.08
 Expiration Date 07/08/2014
 By *[Signature]*
 Miami Dade Product Control
 Division

Date: 04/27/09
 Scale: NA
 Design by: PPMF

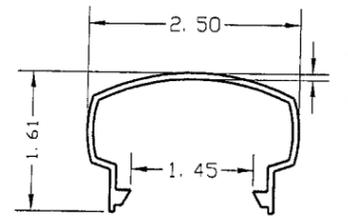
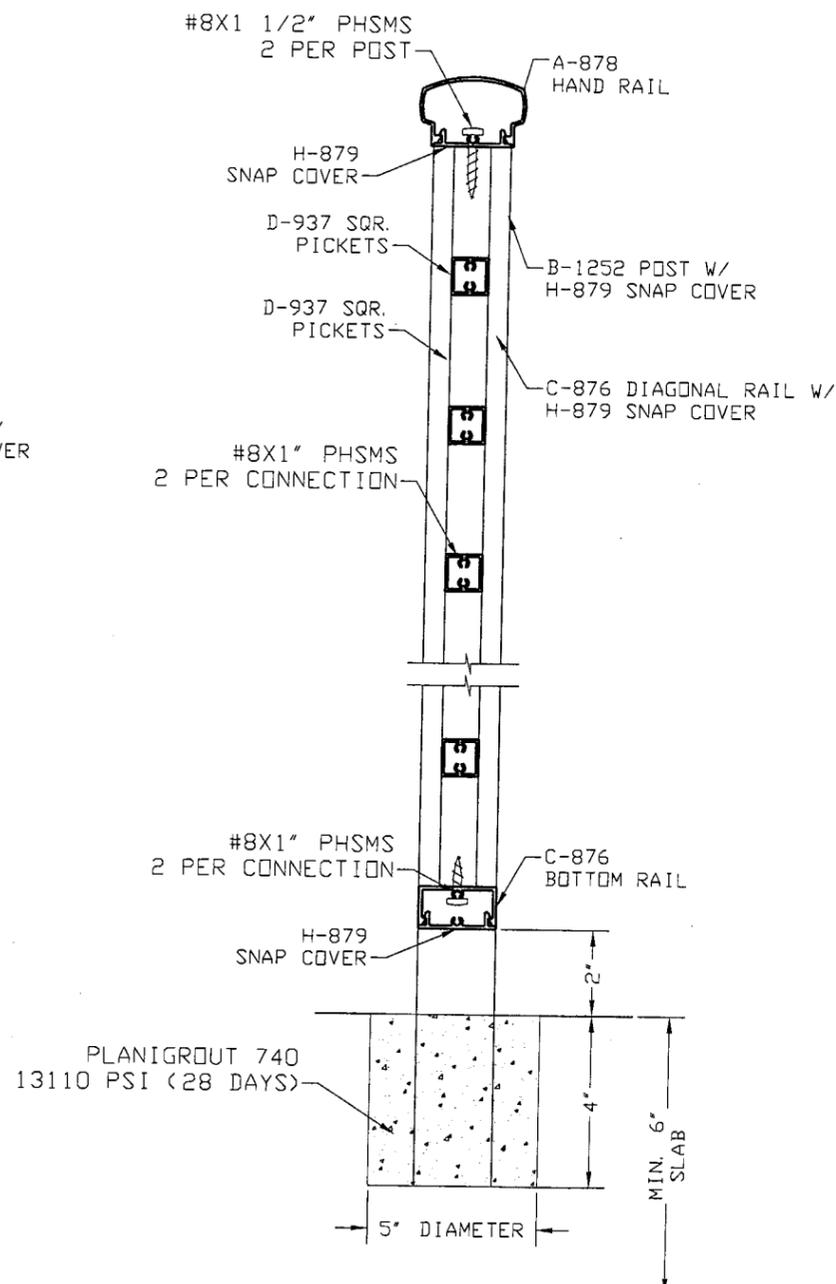
Drawing Number
09-061

SHEET
1 of 2

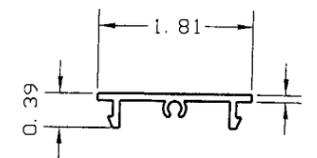
SECTION AA



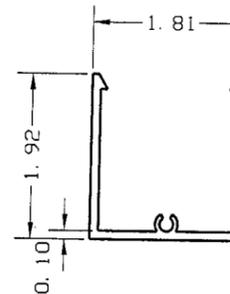
SECTION BB



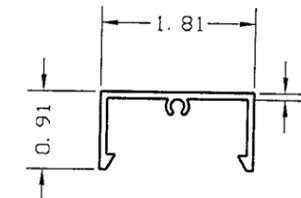
A-878- HAND RAIL
6063-T6



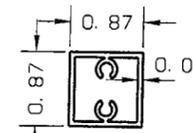
H-879- SNAP COVER
6061-T6



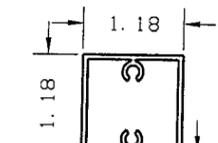
B-1252- POST
6061-T6



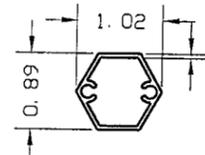
C-876- TOP, BOTTOM &
DIAGONAL RAIL
6063-T6



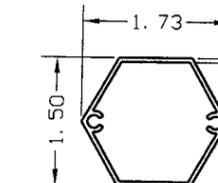
D-937- SQR. PICKET
6063-T6



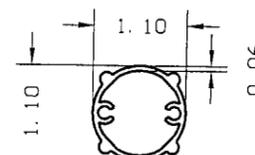
F-1012- SQR. PICKET
6063-T6



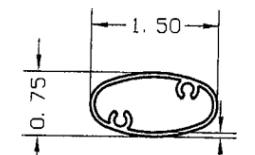
E-1300- HEXAGON PICKET
6063-T6



E-1013- HEXAGON PICKET
6063-T6



F-1077- ROUND PICKET
6063-T6



G-362- 3/4" OVAL PICKET
6063-T6

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6971 W. Sunrise Blvd. 104
Plantation, Fl. 33313
ENGCO@AOL.COM

[Signature]
APR 27 2009

Engineer Seal
Pedro De Figueiredo
PE 52609

DRAFTING:
PK DRAFTING & MORE

MIAMI-DADE BCCO:

PRODUCT REVISED
as complying with the Florida
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Acceptance No **09-0505.08**
Expiration Date **07/08/2014**
By *Helmy A. M...*
Miami Dade Product Control
Division

Date: 04/27/09
Scale: NA
Design by: PPMF

Drawing Number
09-061

SHEET
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