



**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)

**Sun Metals Systems, Inc.
5008 Tampa West Blvd.
Tampa, Florida 33634**

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 Glazed Railing

APPROVAL DOCUMENT: Drawing No. S-3316, titled "Sun Metals Outdoor Glazed Handrail System", sheets 1 through 4 of 4, prepared by R W Building Consultants, Inc., dated February 06, 2007, last revision #2 dated June 08, 2009, signed and sealed by Lyndon F. Schmidt, P.E., bearing Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by 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 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 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
07/08/2009

**NOA No. 08-0715.08
Expiration Date: 07/08/2014
Approval Date: 07/08/2009**

Sun Metals Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. S-3316, titled "Sun Metals Outdoor Glazed Handrail System", sheets 1 through 4 of 4, prepared by R W Building Consultants, Inc., dated February 06, 2007, last revision #2 dated June 08, 2009, signed and sealed by Lyndon F. Schmidt, P.E.,*

B. TESTS

1. *Test Report No. 0280-0219-06, by Hurricane Test Laboratory, LLC, dated November 09, 2006, signed and sealed by Vinu J. Abraham, P.E.*
2. *Test Report No. 0280-1014-06, by Hurricane Test Laboratory, LLC, dated March 08, 2007, signed and sealed by Vinu J. Abraham, P.E.*

C. CALCULATIONS

1. *Calculation titled " Post Analysis ", sheet 1 of 1, dated July 08, 2008, prepared by R W Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt, P.E.,*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

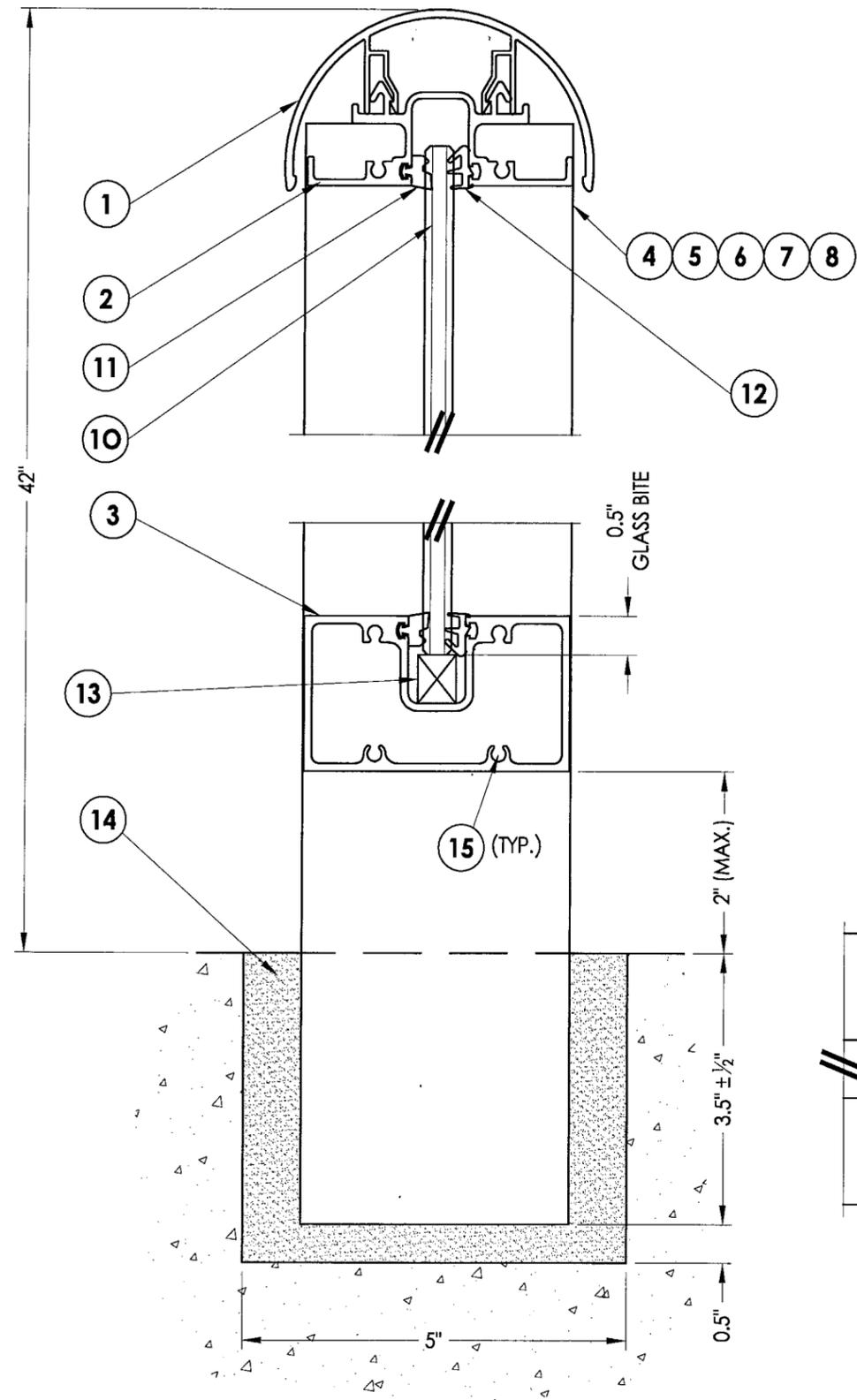


Helmy A. Makar, P.E., M.S.
Senior Product Control Examiner

NOA No. 08-0715.08

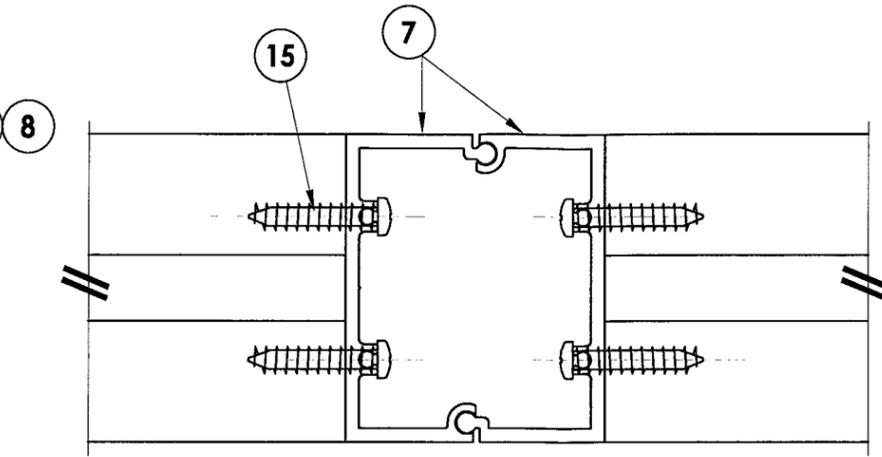
Expiration Date: 07/08/2014

Approval Date: 07/08/2009

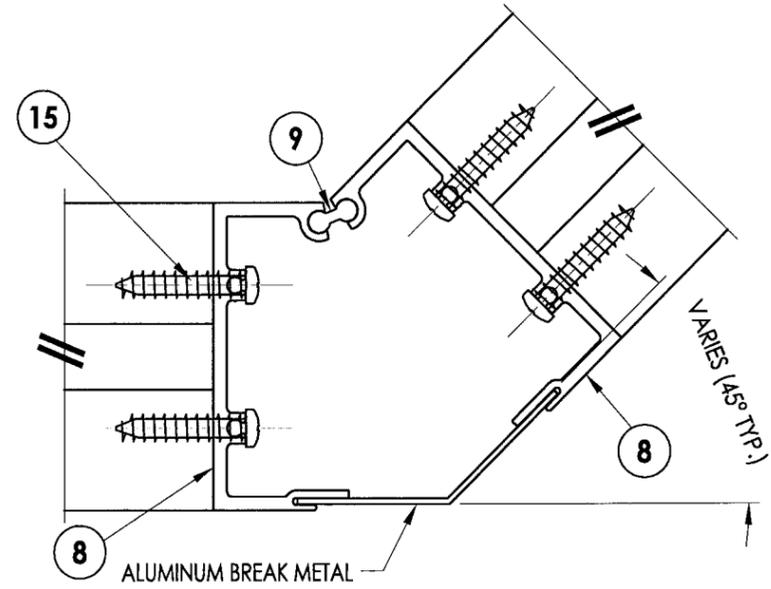


1 TYPICAL SECTION
2 Center glazed

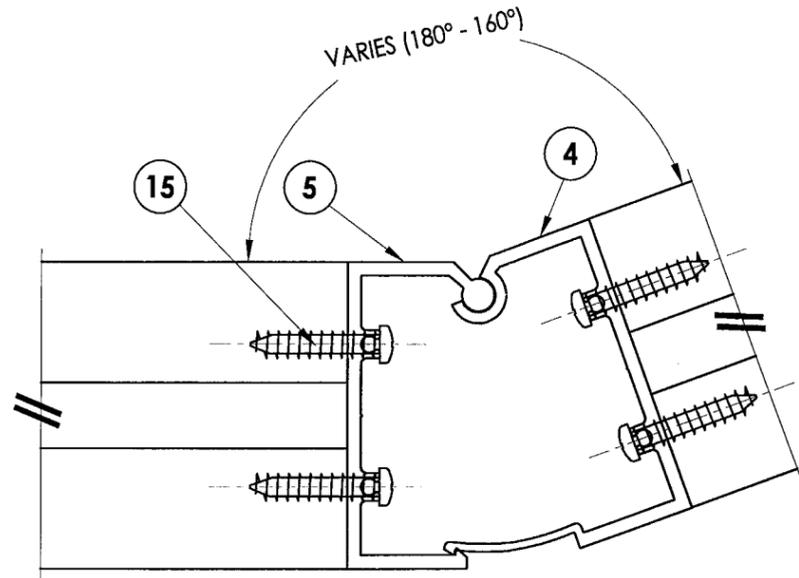
POST CONFIGURATIONS



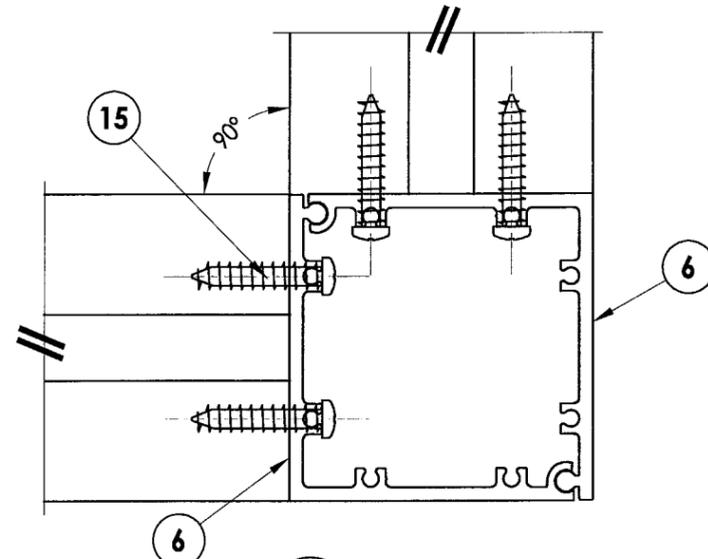
A POST
2



B 45° POST
2



C SPLAYED POST
2



D 90° POST
2

Documents Prepared By:

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
LFS 6.7.09
Lyndon F. Schmidt, P.E. No. 43409

PRODUCT:
SUN METALS
OUTDOOR GLAZED
HANDRAIL SYSTEM

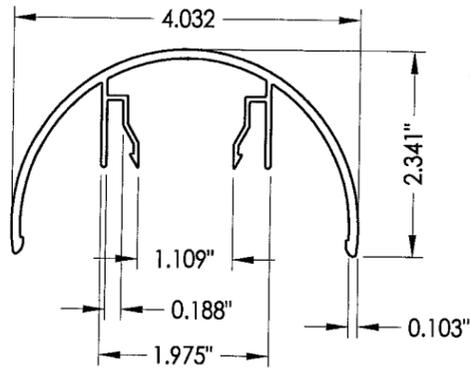
PART OR ASSEMBLY:
VERTICAL CROSS
SECTION AND DETAILS

NO.	DATE	REVISIONS
2	06/08/09	REVISED PER DADE COMMENTS
1	05/19/09	REVISED PER DADE COMMENTS
		BY
		DWS
		JK

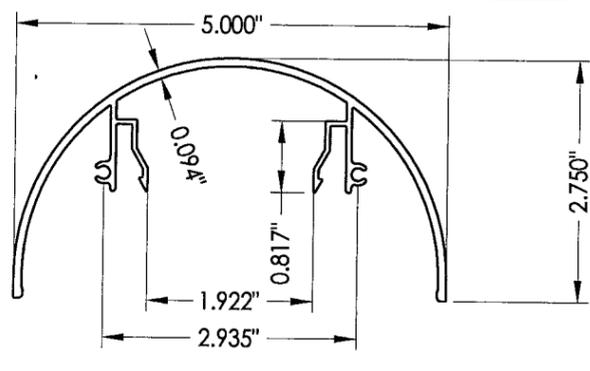
Approved as complying with the
Florida Building Code
Date 07/08/2009
NOA# 08-0115-08
Miami Dade Product Control
Division
By Helmy A. Walker

DATE: 02/06/07
SCALE: N.T.S.
DWG. BY: DWS
CHK. BY: LFS
DRAWING NO.: S-3316
SHEET 2 OF 4

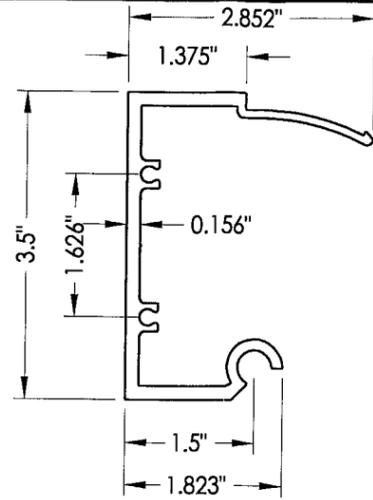
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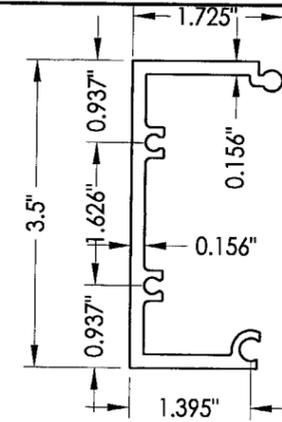
1 TOP RAIL CAP
SUN-370



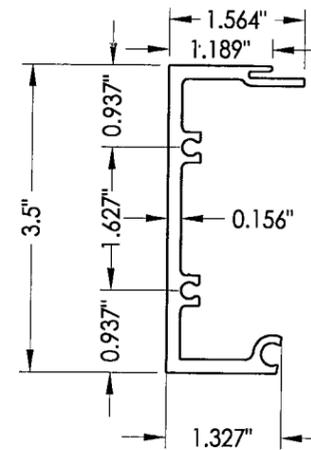
1A TOP RAIL CAP
SUN-383



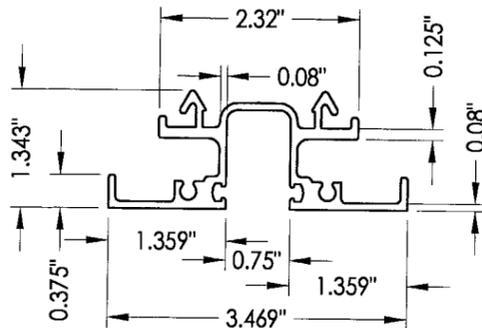
4 FEMALE SPLIT POST (SPLAYED)
SUN-373



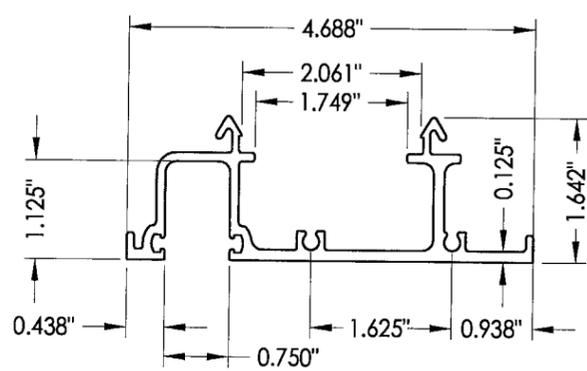
7 SELF MATING POST
SUN-378



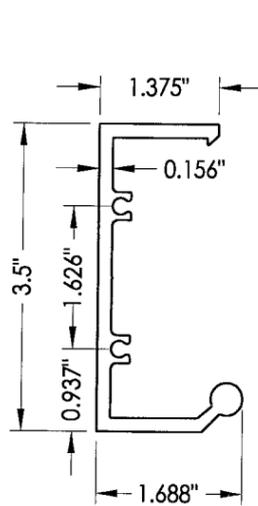
8 45° CORNER POST
SUN-381



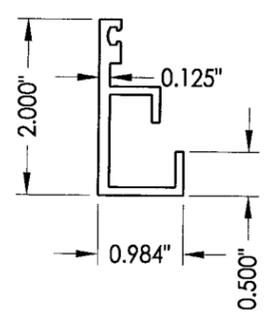
2 TOP CAP RETAINER
SUN-371



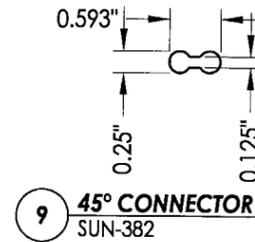
2A TOP CAP RETAINER
SUN-384



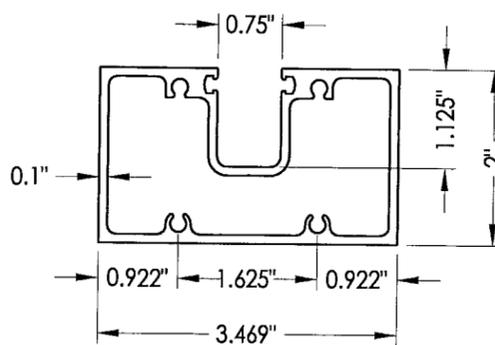
5 MALE SPLIT POST (SPLAYED)
SUN-374



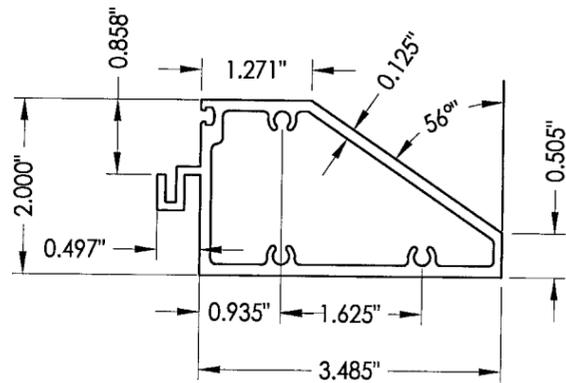
16 GLASS RETAINER
SUN-386



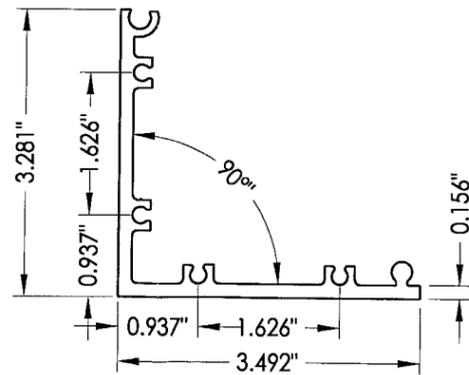
9 45° CONNECTOR
SUN-382



3 HORIZONTAL RAIL
SUN-372



3A SLOPED HORIZONTAL RAIL
SUN-385



6 90 DEGREE CORNER POST
SUN-377



11 GASKET



12 WEDGE

BILL OF MATERIALS			
ITEM	PART#	DESCRIPTION	SUPPLIER/COMMENTS
1	SUN-370	TOP RAIL CAP	6063-T6
1A	SUN-383	TOP RAIL CAP	6063-T6
2	SUN-371	TOP CAP RETAINER	6063-T6
2A	SUN-384	TOP CAP RETAINER	6063-T6
3	SUN-372	HORIZONTAL RAIL	6005-T5
3A	SUN-385	HORIZONTAL RAIL	6005-T5
4	SUN-373	FEMALE SPLIT POST (SPLAYED)	6005-T5
5	SUN-374	MALE SPLIT POST (SPLAYED)	6005-T5
6	SUN-377	90° CORNER POST	6005-T5
7	SUN-378	SELF MATING POST	6005-T5
8	SUN-381	45° CORNER POST	6005-T5
9	SUN-382	45° CONNECTOR	6005-T5
10	-	3/8" TEMPERED GLASS	
11	TR-12711E	3/8" GLAZING GASKET (70 DURO.)	TREMCO (OR EQUAL)
12	TR-12912E	3/8" GLAZING WEDGE (70 DURO.)	TREMCO (OR EQUAL)
13	-	SETTING BLOCK	1/2" X 5/8" X 2" LG.
13A	-	SETTING BLOCK	1/4" X 1/2" X 2" LG.
14	-	GROUT - 8,000 PSI MINIMUM	
15	-	# 12 x 1-1/2" SSSMS	300 Series Stainless Steel
16	SUN-386	GLASS RETAINER	6005-T5
19	-	END CAP	ABS
20	-	# 8 x 3/4" SSSMS	300 Series Stainless Steel

2

Approved as complying with the
Florida Building Code
Date 07/08/2009
NOA# 08-0715-08
Miami Dade Product Control
Division
By Helmy Adnan

DATE: 02/06/07
SCALE: N.T.S.
DWG. BY: DWS
CHK. BY: LFS
DRAWING NO.: S-3316
SHEET 4 OF 4

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
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Certificate Of Authorization No. 9813
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PRODUCT:
SUN METALS
OUTDOOR GLAZED
HANDRAIL SYSTEM

PART OR ASSEMBLY:
BILL OF MATERIALS &
COMPONENTS

NO.	DATE	REVISIONS
2	06/08/09	REVISED PER DADE COMMENTS
1	05/19/09	REVISED PER DADE COMMENTS
		BY
		JK
		DWS

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