



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.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Gamma USA, Inc.
 5600 N. W. 37th 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 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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "99" Single Outswing Aluminum Door w/ Transom-L. M. Impact

APPROVAL DOCUMENT: Drawing No. T-99, titled "Test #99 Balcony Door", sheets 1 through 6 of 6, dated 08/06/2008 and last revised on 08/15/2008, prepared by Structural design Inc. , signed and sealed by Farrokh Rasekhi, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large Missile Impact Resistant

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 -- f 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 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No 08-0513.10
 Expiration Date: September 11, 2013
 Approval Date: September 11, 2008
 Page 1

A
9/11/08

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **T-99**, titled "Test #99 Balcony Door", sheets 1 through 6 of 6, dated 08/06/2008 and last revised on 08/15/2008, prepared by Structural design Inc., signed and sealed by Farrokh Rasekhi, P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
 - 5) Large Missile impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of single outswing alum door w/ transom, prepared by Fenestration Testing Laboratory Inc, Test Report No. **FTL-5440(FTL-07617)**, dated 11/21/07, signed & sealed by Michael Wenzel, P. E.

C. CALCULATIONS

1. Anchor verification calculations, prepared by Structural design Inc, dated 03/10/08 and revised on 08/15/2008, signed and sealed by Farrokh Rasekhi, P.E.
2. Glazing complies with ASTM E-1300-02.

D. QUALITY ASSURANCE BY:

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours for "SentryGlasPlus", expiring on 01/14/2012.

F. STATEMENTS

1. Statement letters of conformance and "No financial interest", both dated March 07, 2008, signed and sealed by Farrokh Rasekhi, P.E.
2. Statement of compliance, issued as part of the above referenced test report issued by Fenestration Testing Laboratory Inc.

G. OTHER

1. None

Ishaq I. Chanda

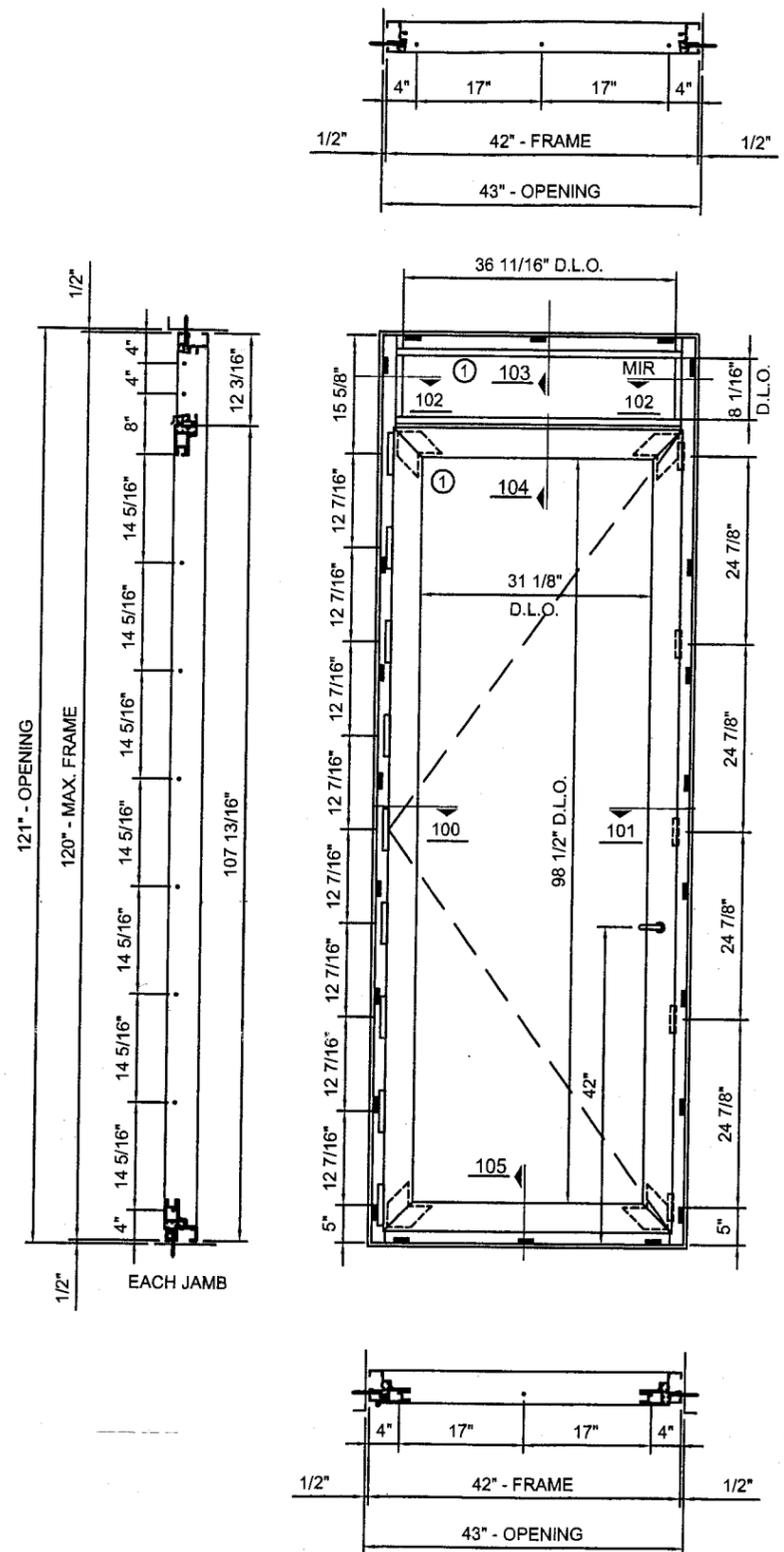
Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 08-0513.10

Expiration Date: September 11, 2013

Approval Date: September 11, 2008



GENERAL NOTES

- ① -GLASS TYPE: 9/16" LAMINATED GLASS
1/4" CLEAR HEAT STRENGTHENED GLASS
0.100" SENTRY GLASS PLUS BY DUPONT
1/4" CLEAR HEAT STRENGTHENED GLASS
- MAXIMUM GLASS DIMENSION 32 5/8" x 100"
- ALL ALUMINUM IS 6063 T6
- GLAZING PENETRATION: 3/4" FOR DOOR
9/16" FOR TRANSOM
- 1/2" MAX. LOAD BEARING SHIM
- CONCRETE APPLICATION
- FRAME CORNERS SEAMS SEALED WITH CLEAR SEALANT SPECTREM 2 OR SILPRUF SCS 2000

SHUTTER REQUIREMENTS:
1- INSTALLATION OF THIS UNIT ABOVE GRADE WILL NOT REQUIRE SHUTTERS

SEALANT TYPE 1:
TREMCO PROGLAZE II or ULTRAGLAZE SSG 4700 (G.E.)

SEALANT TYPE 2:
TREMCO SPECTREM 2 or SILPRUF SCS 2000 (G.E.)

DESIGN PRESSURE RATING
+110 PSF, -130 PSF

- ALUMINIUM SNAP ON ANCHOR CLIP #4460, 2" LONG AT EACH SCREW
- Ø5/16" FH TAPCON SCREW (TRIMFIT)
- KEEPERS SAVIO #1246.835
- ☞ HANDLE
- ▮ ALUMINIUM HINGE

Approved as complying with the
Florida Building Code
Date SEP 11, 2008
NOA# 08-0513-10
Miami Dade Product Control
Division
By J. Shagl. Chanda

REVISIONS:	BY:
R1 09-05-2007	J.C.
R2 08/08/2008	J.F.L.

STRUCTURAL DESIGN INC.
CONSULTING STRUCTURAL ENGINEERS
9535 N. KENDALL DR. SUITE NO. 209
MIAMI, FLORIDA 33176 CERTIFICATE #: 8803

J. Shagl. Chanda
8/15/08

TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
FAX: (305) 595-8966 FL. REG. #38001

MANUFACTURER:

Gamma
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L'ANGE GARDIEN (QUÉBEC)
G0A 2K0

Phone: (418) 822-1448 Fax: (418) 822-1533
Web site: www.gammaindustries.ca
E-mail: info@gamma-online.com

TITLE:

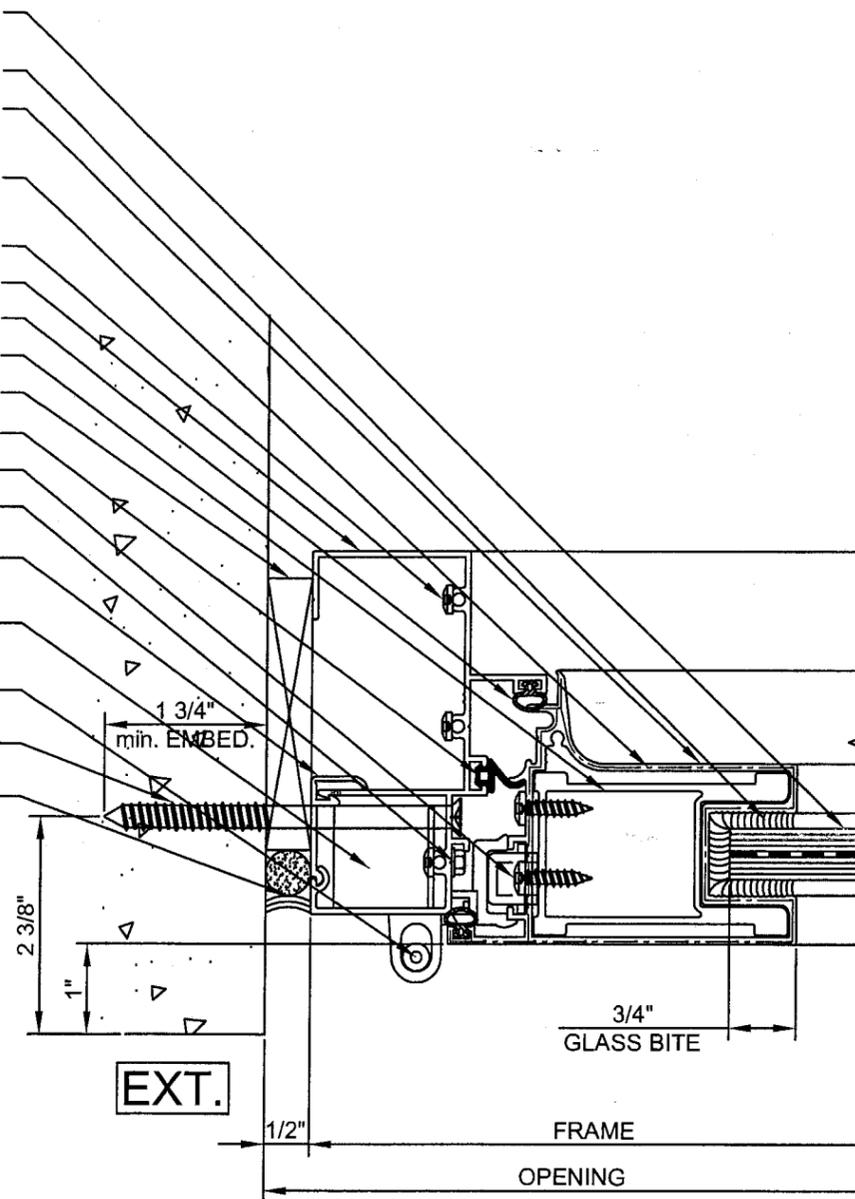
**TEST # 99
BALCONY DOOR
42" X 120"
+110/-130 PSF
LARGE IMPACT
ELEVATION**

SCALE: 1/2" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 08/06/2007	DRAWING NO. T-99	SHEET NO. 1 of 6

Approved as complying with the
 Florida Building Code
 Date SEP 11, 2008
 NOA# 08-0513-10
 Miami Dade Product Control
 Division
 By Shag I. Chant

9/16" LAMINATED GLASS
 (SEE COVER PAGE FOR COMPLETE DESCRIPTION)

- SEALANT TYPE 1
- ALUMINUM DOOR - SASH FRAME #4133
- FRAME CORNERS AND HORIZONTAL
MULLION SEAMS SEALED WITH
CLEAR SEALANT TYPE 2
- #8 RH SS SCREW x 1 1/2" LONG
- ALUMINUM DOOR FRAME #4424
- SANTOPRENE GASKET #3004
- ALUMINUM CORNER ASSEMBLY #4134
- LOAD BEARING SHIM
- SANTOPRENE WEATHERSTRIP #3047
- #10 RH SS SCREW 3/4" LONG
- #8 HH SELF DRILLING SCREW x 5/8" LONG
- ALUMINUM SNAP-ON ANCHOR CLIP #4460
2" LONG AT EACH SCREW
- ALUMINUM BACKER ANGLE
L1/2" x 1 1/8" x 1/16" x 1 1/8" LONG
- 3 PIECE BOLT ALUMINUM HINGE SAVIO #1122.1
ELCO
8/22/08
SEALED WITH FOAM TAPE
- Ø5/16" FH TAPCON SCREW (TRIMFIT)
- BACKER ROD &
SEALANT TYPE 2



detail 100

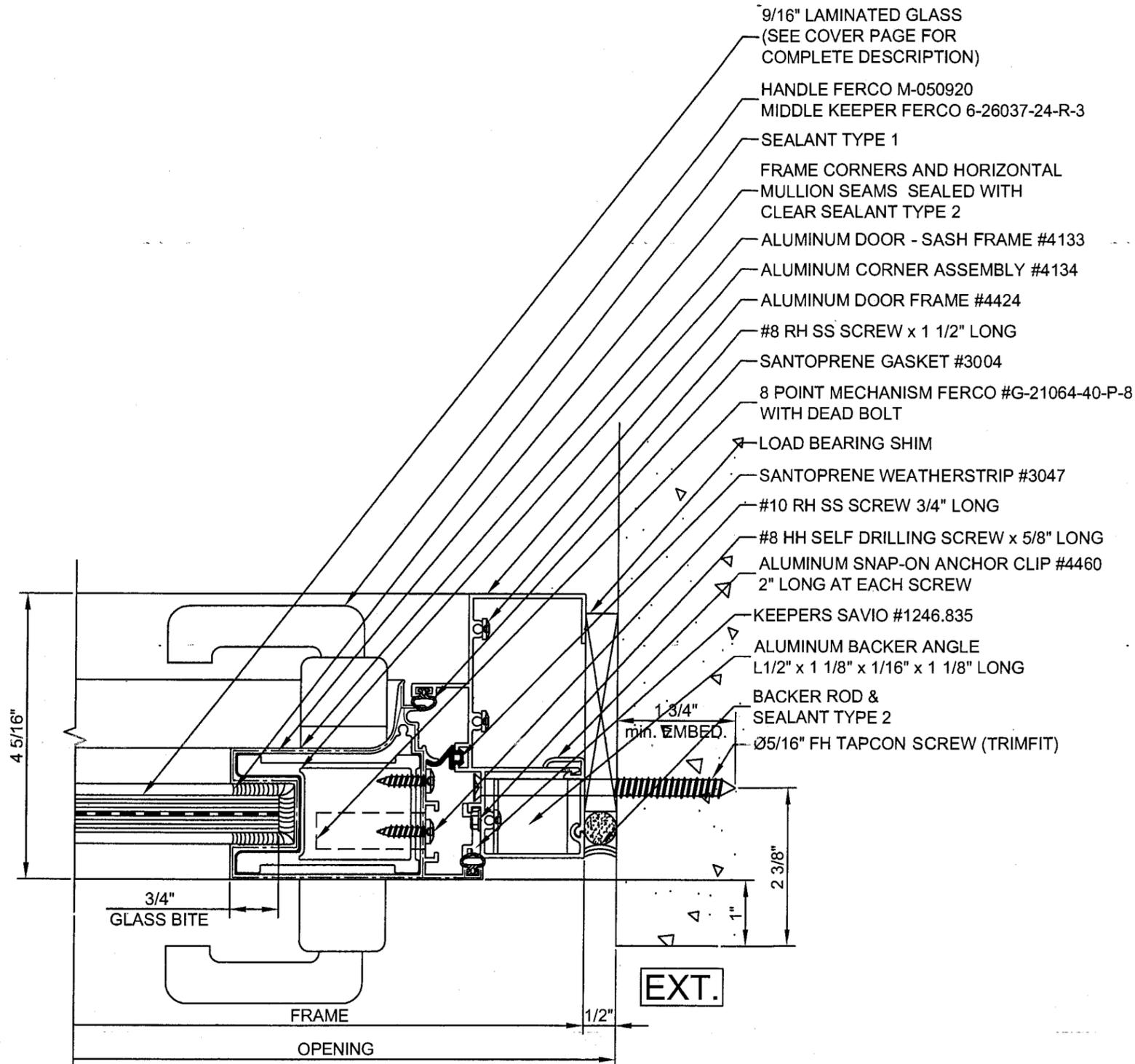
REVISIONS:	BY:
R1 09-05-2007	J.C.
R2 08/08/2008	J.F.L.

S **STRUCTURAL** **D** **DESIGN** **I** **INC.**
 CONSULTING STRUCTURAL ENGINEERS
 9935 N. KENDALL DR., SUITE NO. 209
 MIAMI, FLORIDA 33176 CERTIFICATE #: 8803
Farrokh Rasekhi
 8/15/08
 TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
 FAX: (305) 595-8966 FL. REG. #38001

MANUFACTURER:
Gamma
 U.S.A.
 6130, BOUL. STE-ANNE
 L'ANGE GARDIEN (QUÉBEC)
 G0A 2K0
 Phone: (418) 822-1448 Fax: (418) 822-1533
 Web site: www.gammaindustries.ca
 E-mail: info@gamma-online.com

TITLE:
 TEST # 99
 BALCONY DOOR
 42" X 120"
 +110/-130 PSF
 LARGE IMPACT
 DETAIL # 100

SCALE: 6" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 08/06/2007	DRAWING NO. T-99	SHEET NO. 2 OF 6



detail 101

- 9/16" LAMINATED GLASS
(SEE COVER PAGE FOR COMPLETE DESCRIPTION)
- HANDLE FERCO M-050920
- MIDDLE KEEPER FERCO 6-26037-24-R-3
- SEALANT TYPE 1
- FRAME CORNERS AND HORIZONTAL MULLION SEAMS SEALED WITH CLEAR SEALANT TYPE 2
- ALUMINUM DOOR - SASH FRAME #4133
- ALUMINUM CORNER ASSEMBLY #4134
- ALUMINUM DOOR FRAME #4424
- #8 RH SS SCREW x 1 1/2" LONG
- SANTOPRENE GASKET #3004
- 8 POINT MECHANISM FERCO #G-21064-40-P-8 WITH DEAD BOLT
- LOAD BEARING SHIM
- SANTOPRENE WEATHERSTRIP #3047
- #10 RH SS SCREW 3/4" LONG
- #8 HH SELF DRILLING SCREW x 5/8" LONG
- ALUMINUM SNAP-ON ANCHOR CLIP #4460 2" LONG AT EACH SCREW
- KEEPERS SAVIO #1246.835
- ALUMINUM BACKER ANGLE 1 1/2" x 1 1/8" x 1/16" x 1 1/8" LONG
- BACKER ROD & SEALANT TYPE 2
- Ø5/16" FH TAPCON SCREW (TRIMFIT)

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 Miami Dade Product Control
 Division
 By Guag L. Chank

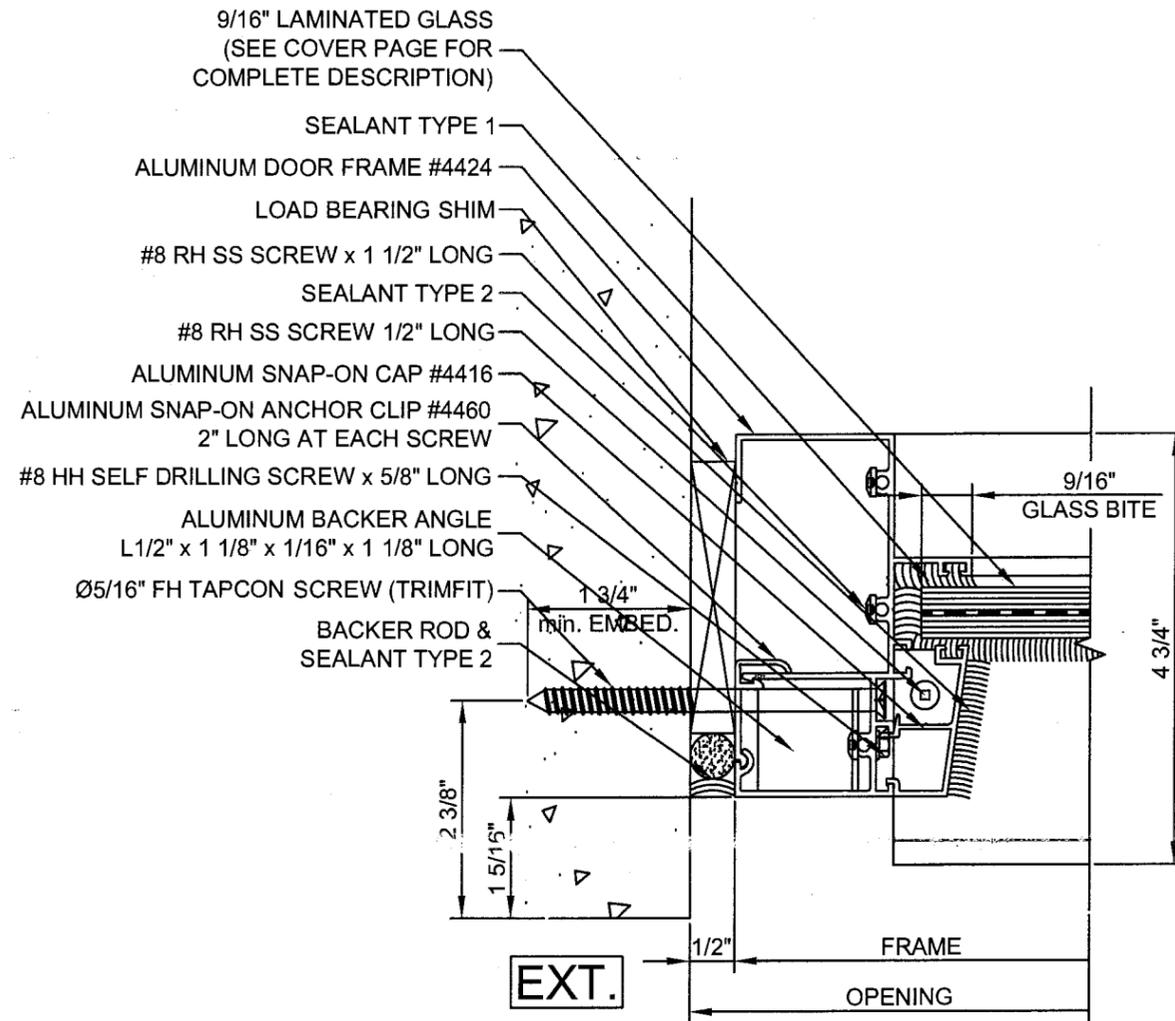
REVISIONS:	BY:
R1 09-05-2007	J.C.
R2 08/08/2008	J.F.L.

STRUCTURAL DESIGN INC.
 CONSULTING STRUCTURAL ENGINEERS
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Farrokh Rasekhi
 8/15/08
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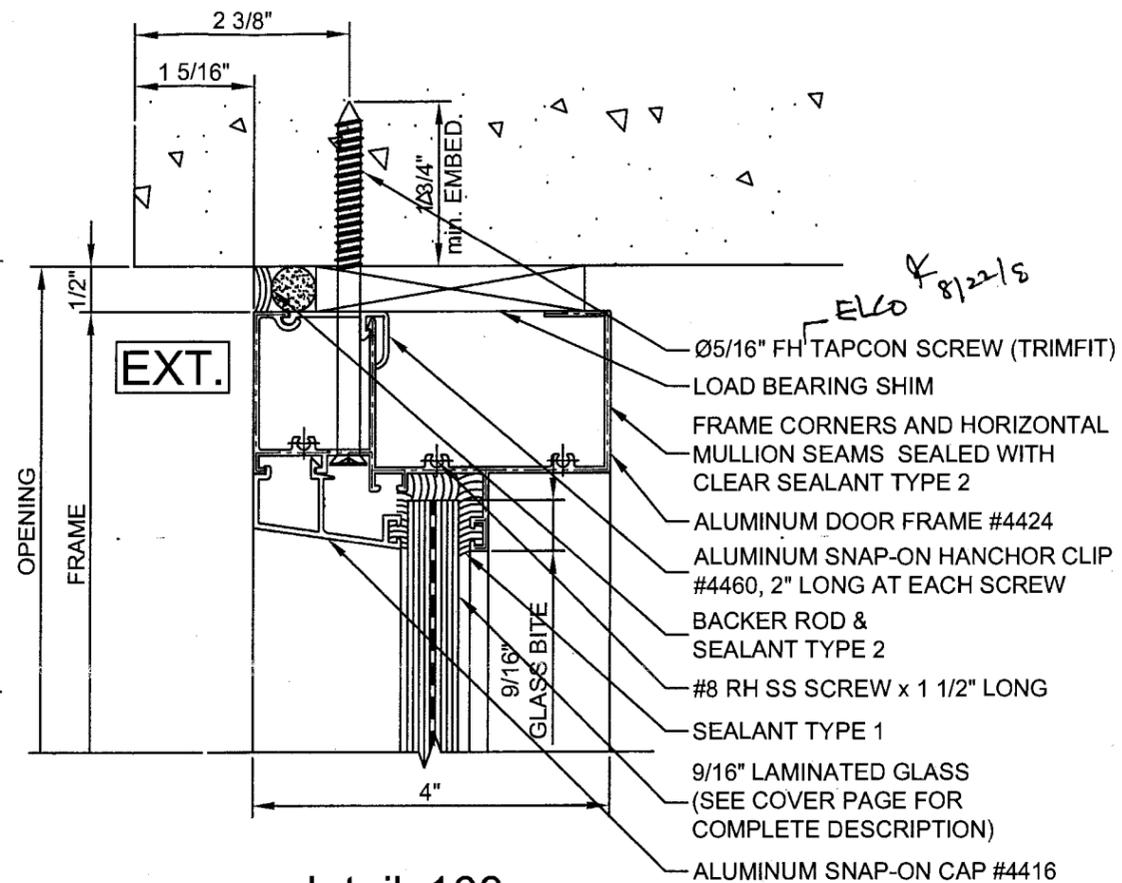
MANUFACTURER:
Gamma
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 L'ANGE GARDIEN (QUÉBEC)
 G0A 2K0
 Phone: (418) 822-1448 Fax: (418) 822-1533
 Web site: www.gammaindustries.ca
 E-mail: info@gamma-online.com

TITLE:
**TEST # 99
 BALCONY DOOR
 42" X 120"
 +110/-130 PSF
 LARGE IMPACT
 DETAIL # 101**

SCALE: 6" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 08/06/2007	DRAWING NO. T-99	SHEET NO. 3 OF 6



detail 102



detail 103

- 9/16" LAMINATED GLASS
(SEE COVER PAGE FOR COMPLETE DESCRIPTION)
- SEALANT TYPE 1
- ALUMINUM DOOR FRAME #4424
- LOAD BEARING SHIM
- #8 RH SS SCREW x 1 1/2" LONG
- SEALANT TYPE 2
- #8 RH SS SCREW 1/2" LONG
- ALUMINUM SNAP-ON CAP #4416
- ALUMINUM SNAP-ON ANCHOR CLIP #4460
2" LONG AT EACH SCREW
- #8 HH SELF DRILLING SCREW x 5/8" LONG
- ALUMINUM BACKER ANGLE
L1/2" x 1 1/8" x 1/16" x 1 1/8" LONG
- Ø5/16" FH TAPCON SCREW (TRIMFIT)
- BACKER ROD & SEALANT TYPE 2

- Ø5/16" FH TAPCON SCREW (TRIMFIT)
- LOAD BEARING SHIM
- FRAME CORNERS AND HORIZONTAL MULLION SEAMS SEALED WITH CLEAR SEALANT TYPE 2
- ALUMINUM DOOR FRAME #4424
- ALUMINUM SNAP-ON HANCHOR CLIP #4460, 2" LONG AT EACH SCREW
- BACKER ROD & SEALANT TYPE 2
- #8 RH SS SCREW x 1 1/2" LONG
- SEALANT TYPE 1
- 9/16" LAMINATED GLASS
(SEE COVER PAGE FOR COMPLETE DESCRIPTION)
- ALUMINUM SNAP-ON CAP #4416

REVISIONS:	BY:
R1 09-05-2007	J.C.
R2 08/08/2008	J.F.L.

Approved as complying with the Florida Building Code
 Date SEP 11, 2008
 NOA# 08-0513-10
 Miami Dade Product Control
 Division
 By [Signature]

STRUCTURAL DESIGN INC.
 CONSULTING STRUCTURAL ENGINEERS
 9515 N. KENDALL DR. SUITE NO. 200
 MIAMI, FLORIDA 33176 CERTIFICATE # 8806

[Signature]
 8/15/08

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 FAX: (305) 595-8966 FL. REG. #38001

MANUFACTURER:

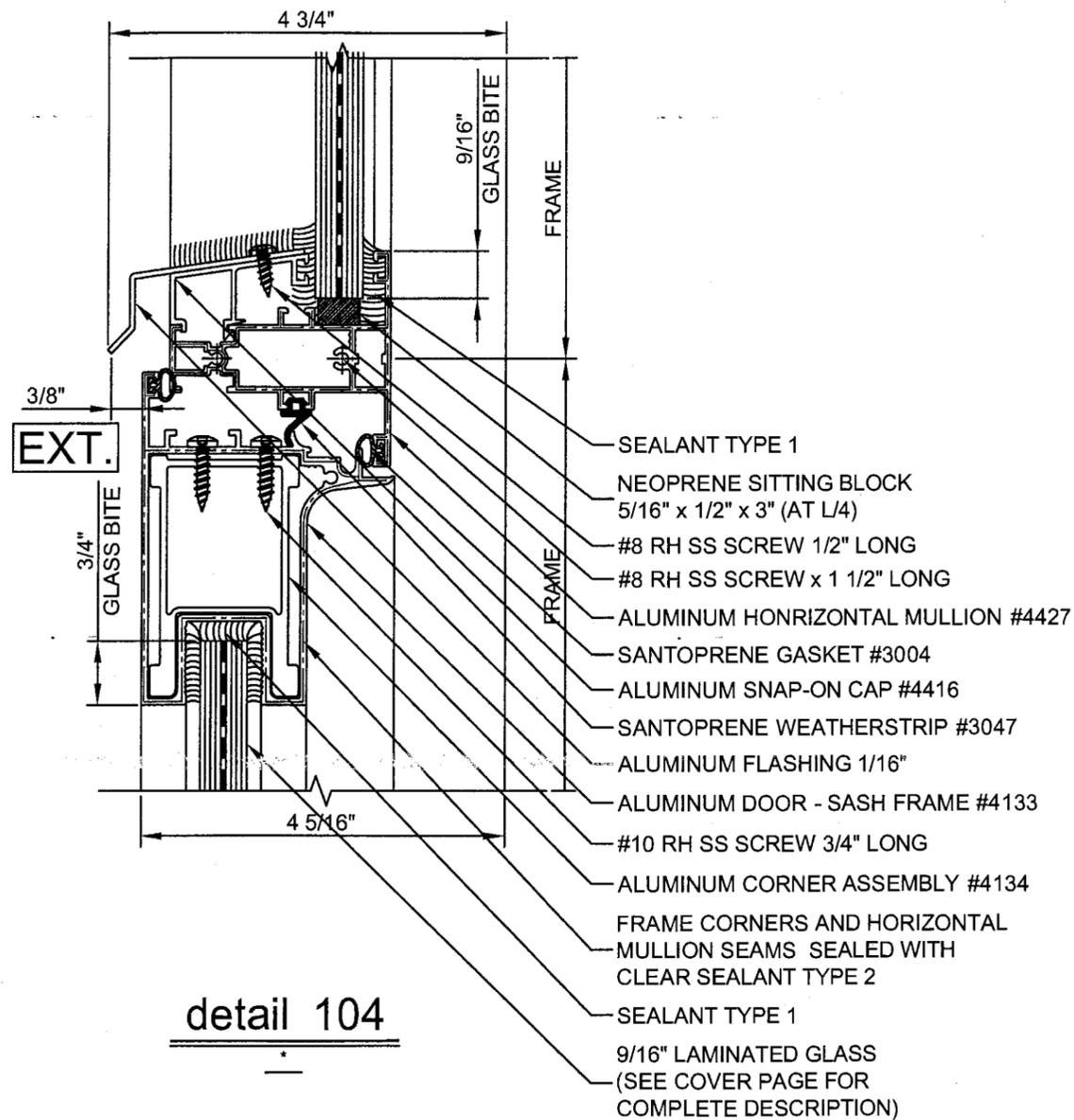
Gamma
 U.S.A.
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 G0A 2K0

Phone: (418) 822-1448 Fax: (418) 822-1533
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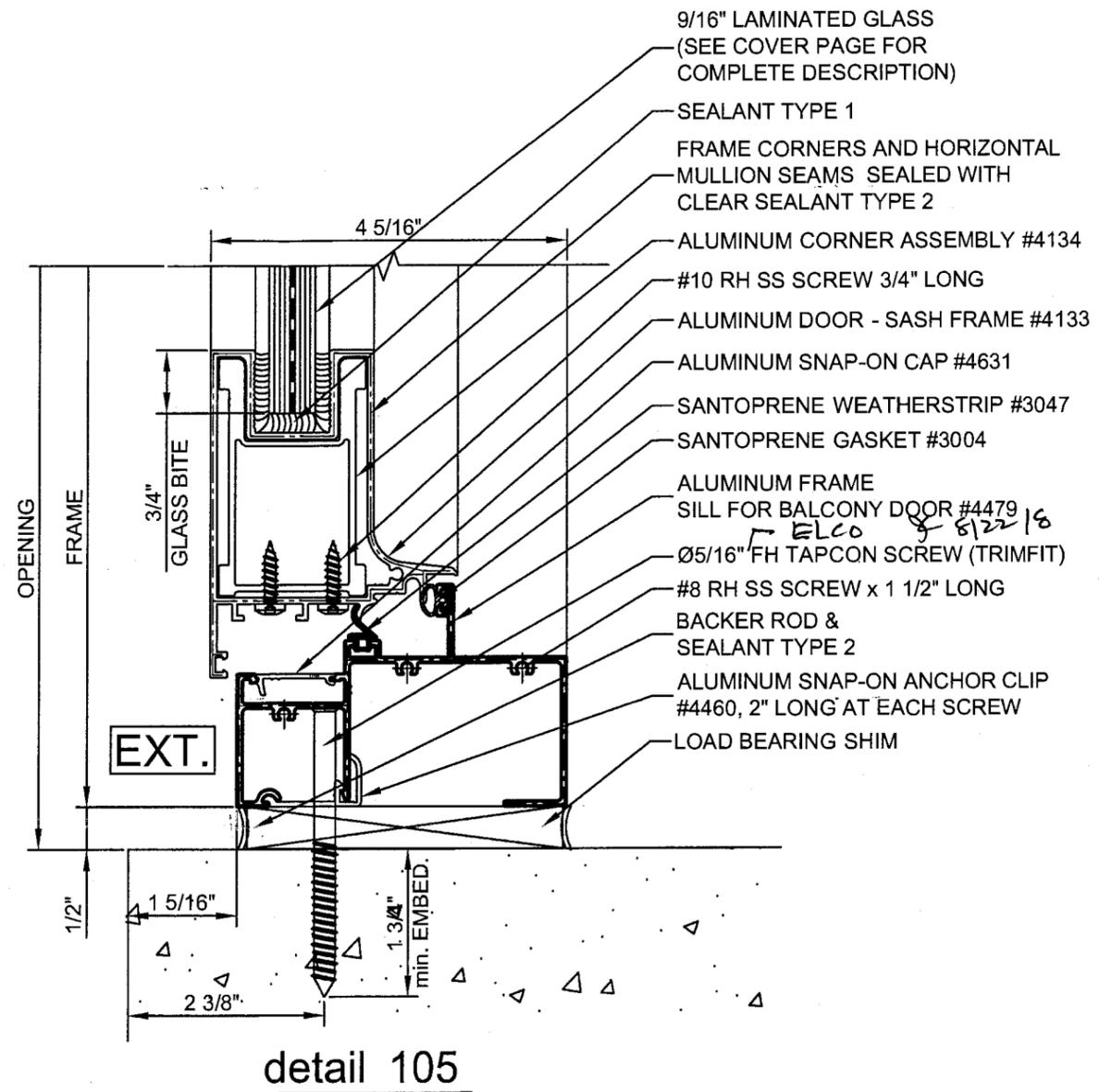
TITLE:

TEST # 99
 BALCONY DOOR
 42" X 120"
 +110/-130 PSF
 LARGE IMPACT
 DETAILS # 102 & 103

SCALE: 6" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 08/06/2007	DRAWING NO. T-99	SHEET NO. 4 OF 6



detail 104



detail 105

REVISIONS:	BY:
R1 09-05-2007	J.C.
R2 08/08/2008	J.F.L.

Approved as complying with the
Florida Building Code
Date SEP 11, 2008
NOA# 08-0513.10
Miami Dade Product Control
Division
By Shaqi Choudhry

STRUCTURAL DESIGN INC.
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9595 N. KENDALL DR. SUITE NO. 209
MIAMI, FLORIDA 33176 CERTIFICATE #: 8809

Farooqh Rasekhi
8/15/08

TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
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MANUFACTURER:

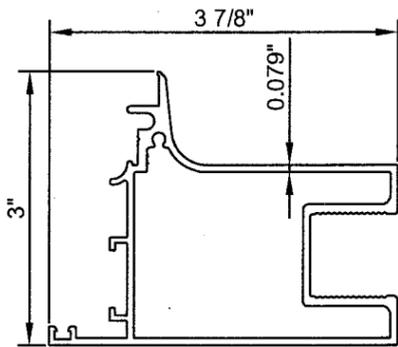
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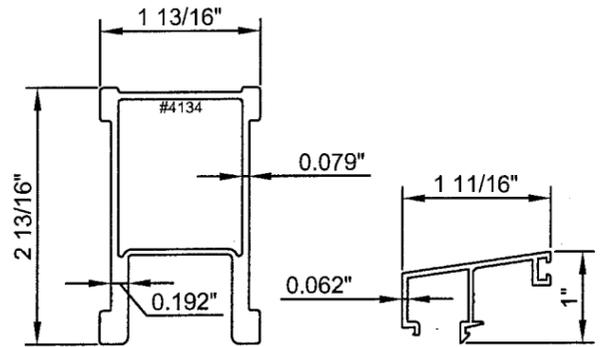
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TEST # 99
BALCONY DOOR
42" X 120"
+110/-130-PSF
LARGE IMPACT
DETAILS # 104 & 105

SCALE: 6" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 08/06/2007	DRAWING NO. T-99	SHEET NO. 5 OF 6

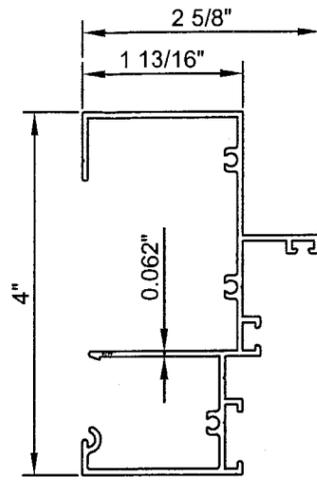


#4133 ALUMINUM FRAME
BALCONY DOORS

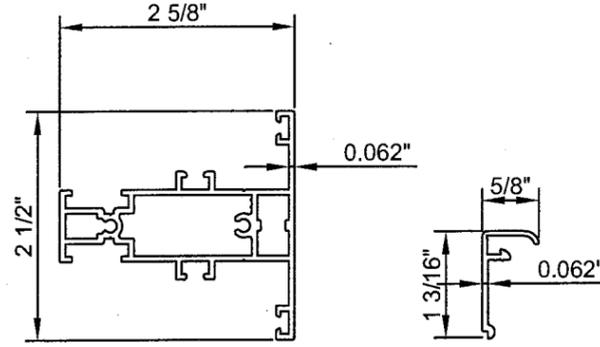


#4134 ALUMINUM
CORNER ASSEMBLY

#4416 ALUMINUM
SNAP-ON CAP

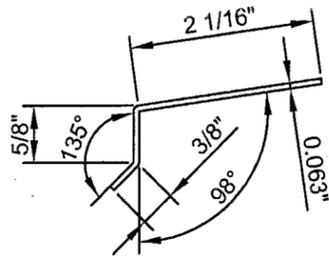


#4424 ALUMINUM
DOORS FRAME

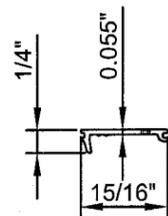


#4427 ALUMINUM
HORIZONTAL MULLION

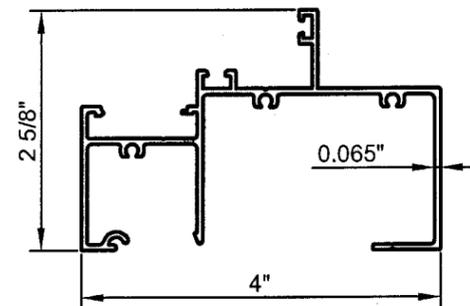
#4460 ALUMINUM
SNAP-ON ANCHOR CLIP
2" AT EACH SCREW



ALUMINUM FLASHING 1/16"

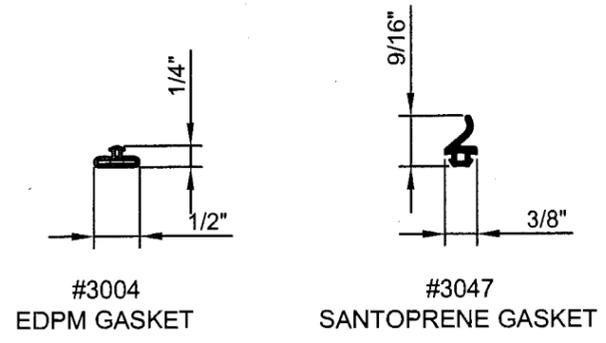


#4631 ALUMINUM
SNAP-ON CAP



#4479 ALUMINUM FRAME
SILL FOR BALCONY DOOR

FOR MORE SPECIFIC
DIMENSIONS PLEASE
REFER TO THE
SPECIFICATION SHEET
FOR EACH EXTRUSIONS



#3004
EDPM GASKET

#3047
SANTOPRENE GASKET

REVISIONS:	BY:
R1 09-05-2007	J.C.
R2 08/08/2008	J.F.L.

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Miami Dade Product Control
Division
By Shag I. Chande

STRUCTURAL DESIGN INC.
CONSULTING STRUCTURAL ENGINEERS
9995 N. KENDALL DR. SUITE NO. 200
MIAMI, FLORIDA 33176 CERTIFICATE # 5803

Farrokh Rasekhi
8/15/08

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FARROKH RASEKHI, P.E.
FL. REG. #38001

MANUFACTURER:

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G0A 2K0

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E-mail: info@gamma-online.com

TITLE:

TEST # 99
BALCONY DOOR
42" X 120"
+110/-130 PSF
LARGE IMPACT
GAMMA'S EXTRUSIONS

SCALE: 6" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 08/06/2007	DRAWING NO. T-99	SHEET NO. 6 of 6