



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)

www.miamidade.gov/buildingcode

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 "98.1" Aluminum Sliding Glass Door (OX or XO) -L. M. Impact

APPROVAL DOCUMENT: Drawing No. T-98.1, titled "Test #98.2 ALDORA", sheets 1 through 6 of 6, dated 05/14/2008 and last revised on 08/21/2008, 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 08-0811.02
Expiration Date: September 18, 2013
Approval Date: September 18, 2008
Page 1

8/26/08

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **T-98.1**, titled "Test #98.1 ALDORA", sheets 1 through 6 of 6, dated 05/14/2008 and last revised on 08/21/2008, 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 Sliding Glass Doors (OX), prepared by Fenestration Testing Laboratory Inc, Test Report No. **FTL-5420(FTL-07169)**, dated 10/26/07, signed & sealed by Carlos S. Rionda, P. E.

C. CALCULATIONS

1. Anchor verification calculations, dated 06/1908 and revised on 08/20/2008, prepared by Structural design Inc, 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

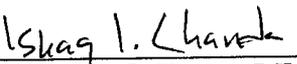
1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & CO., Inc. for "DuPont Sentry Glass Plus", expiring on January 14, 2012.

F. STATEMENTS

1. Statement letters of conformance and "No financial interest", both dated June 10, 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.

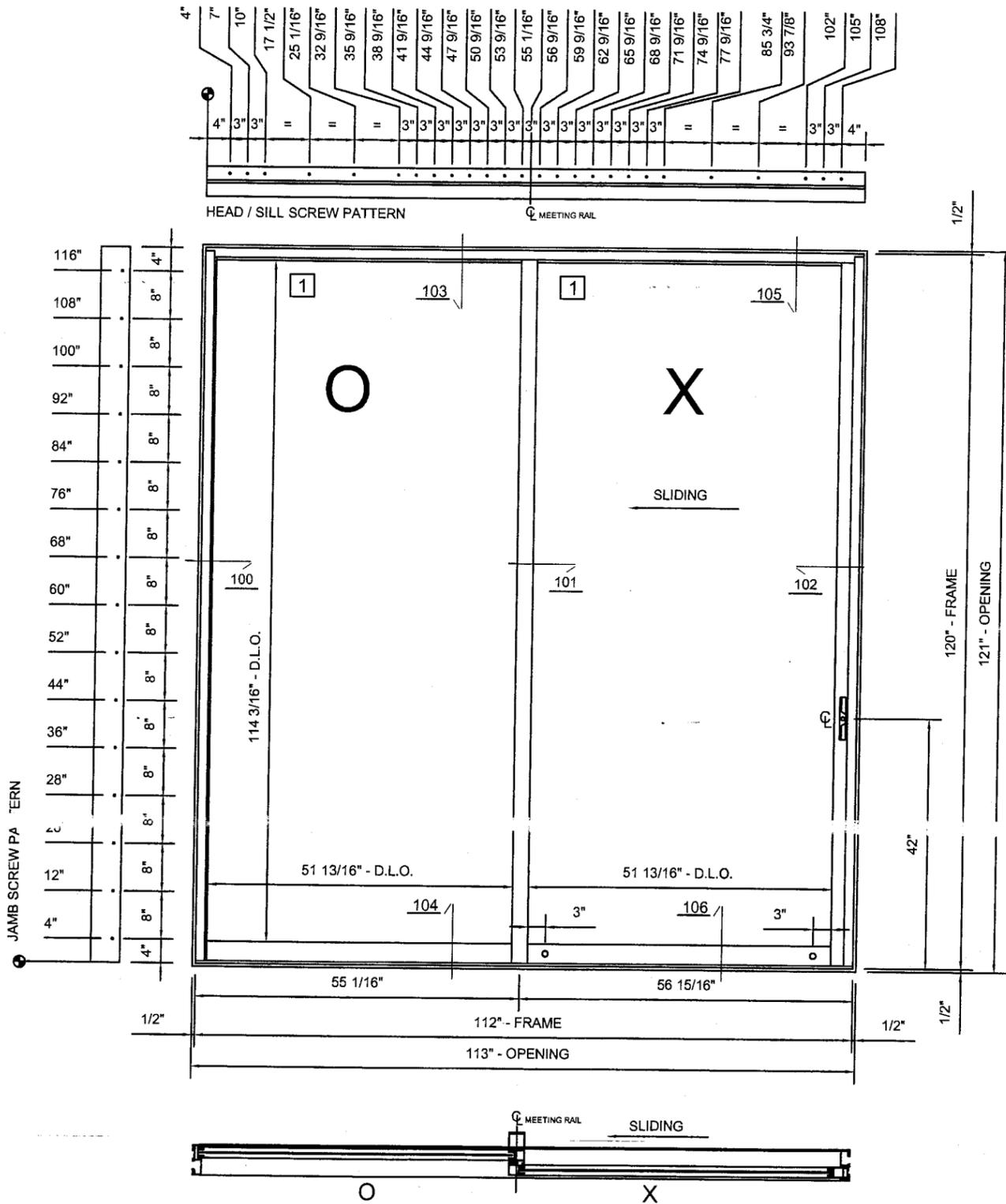
G. OTHER

1. None



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 08-0811.02

Expiration Date: September 18, 2013
Approval Date: September 18, 2008



GENERAL NOTES

- 1 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 53 5/16" x 115 11/16"
- ALL ALUMINUM IS 6063 T6
- GLAZING PENETRATION: 3/4"
- 1/2" MAX. LOAD BEARING SHIM
- (TO BE SECURE PROPERLY AND REVISED BY BUILDING OFFICIAL)
- 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
+120 PSF, -140 PSF

Approved as complying with the
 Florida Building Code
 Date SEP 18, 2008
 NOA# 08-0811.02
 Miami Dade Product Control
 Division
 By Shaq I. Clark

REVISIONS:	BY:
R1 06/16/2008	J.F.L.
R2 08/05/2008	M.P.
R3 08/21/2008	M.P.

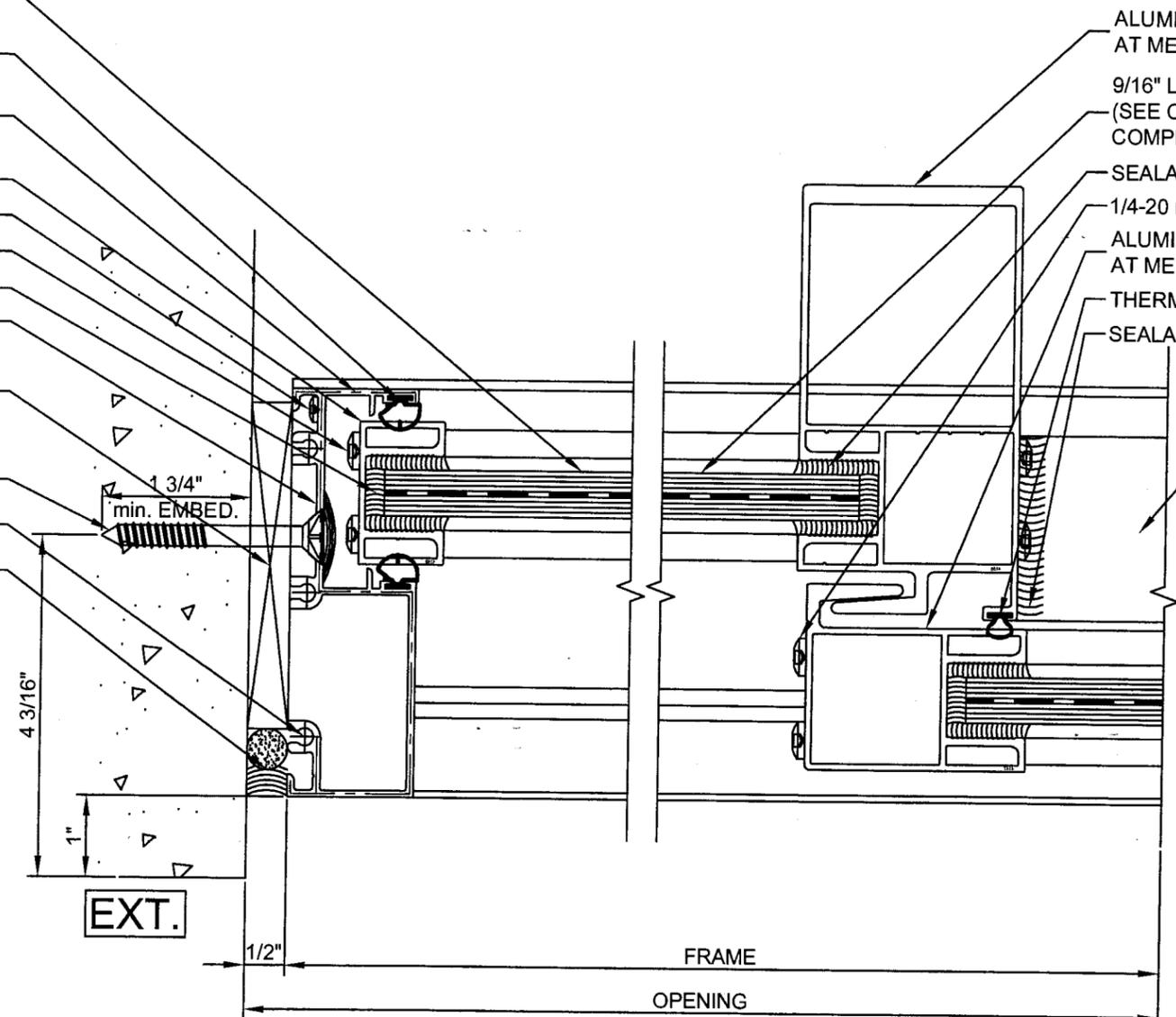
STRUCTURAL DESIGN INC.
 CONSULTING STRUCTURAL ENGINEERS
 9595 N. KENDALL DR. SUITE NO. 209
 MIAMI, FLORIDA 33176 CERTIFICATE # 8803
Farrokh Rasekhi
 8/21/08
 TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
 FAX: (305) 595-8966 FL. REG. #38001

MANUFACTURER:
Gamma
 U.S.A.
 2115 S.W. 2nd Street
 Pompano Beach, FL 33069
 Phone: (954) 977-2711 Fax: (954) 977-2715
 Web site: www.gammaindustries.ca
 E-mail: info@gamma-online.com

TITLE:
TEST #98.1
ALDORA
112" x 120"
+120/-140 PSF
LARGE IMPACT
ELEVATION

SCALE: 1/2" = 1'-0"	DRAWN BY: M. POTVIN	
DATE: 05/14/2008	DRAWING NO. T-98.1	SHEET NO. 1 OF 6

- 9/16" LAMINATED GLASS
(SEE COVER PAGE FOR COMPLETE DESCRIPTION)
- THERMOPLASTIC ELASTOMERE #3109
- FRAME CORNERS AND HORIZONTAL MULLION SEAMS SEALED WITH CLEAR SEALANT TYPE 2
- ALUMINUM FIXED PANEL JAMB #4149
- #8 RH SS SCREW 2" LONG
- 1/4-20 RH SS SCREW 1" LONG
- SEALANT TYPE 1
- ALUMINUM FRAME JAMB #4141
- LOAD BEARING SHIM
(TO BE SECURE PROPERLY AND REVISED BY BUILDING OFFICIAL)
- Ø5/16" FH TAPCON SCREW by ELCO
(SEAL HEAD AT BOTTOM SCREW ONLY)
- 1/4-20 RH SS SCREW 1" LONG
- BACKER ROD & SEALANT TYPE 2



- ALUMINUM FIXED PANEL JAMB AT MEETING RAIL #4155
- 9/16" LAMINATED GLASS
(SEE COVER PAGE FOR COMPLETE DESCRIPTION)
- SEALANT TYPE 1
- 1/4-20 RH SS SCREW 1" LONG
- ALUMINUM MOVING PANEL JAMB AT MEETINGRAIL #4147
- THERMOPLASTIC ELASTOMERE #3110
- SEALANT TYPE 2

ALUMINIUM THRESHOLD FILLING TRACK #4142 IS SET WITH SEALANT TYPE 2 AND THIS LOCKS THE FIXED PANEL REF. DETAIL 106

detail 100 detail 101

Approved as complying with the
Florida Building Code
Date SEP 18, 2008
NOA# 08-0811-02
Miami Dade Product Control
Division
By Ishag I. Chande

REVISIONS:	BY:
R1 06/16/2008	J.F.L.
R2 08/05/2008	M.P.
R3 08/21/2008	M.P.

STRUCTURAL DESIGN INC.
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9595 N. KENDALL DR. SUITE NO. 209
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F. Farrokh Rasekhi
8/21/08

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Web site: www.gammaindustries.ca
E-mail: info@gamma-online.com

TITLE:

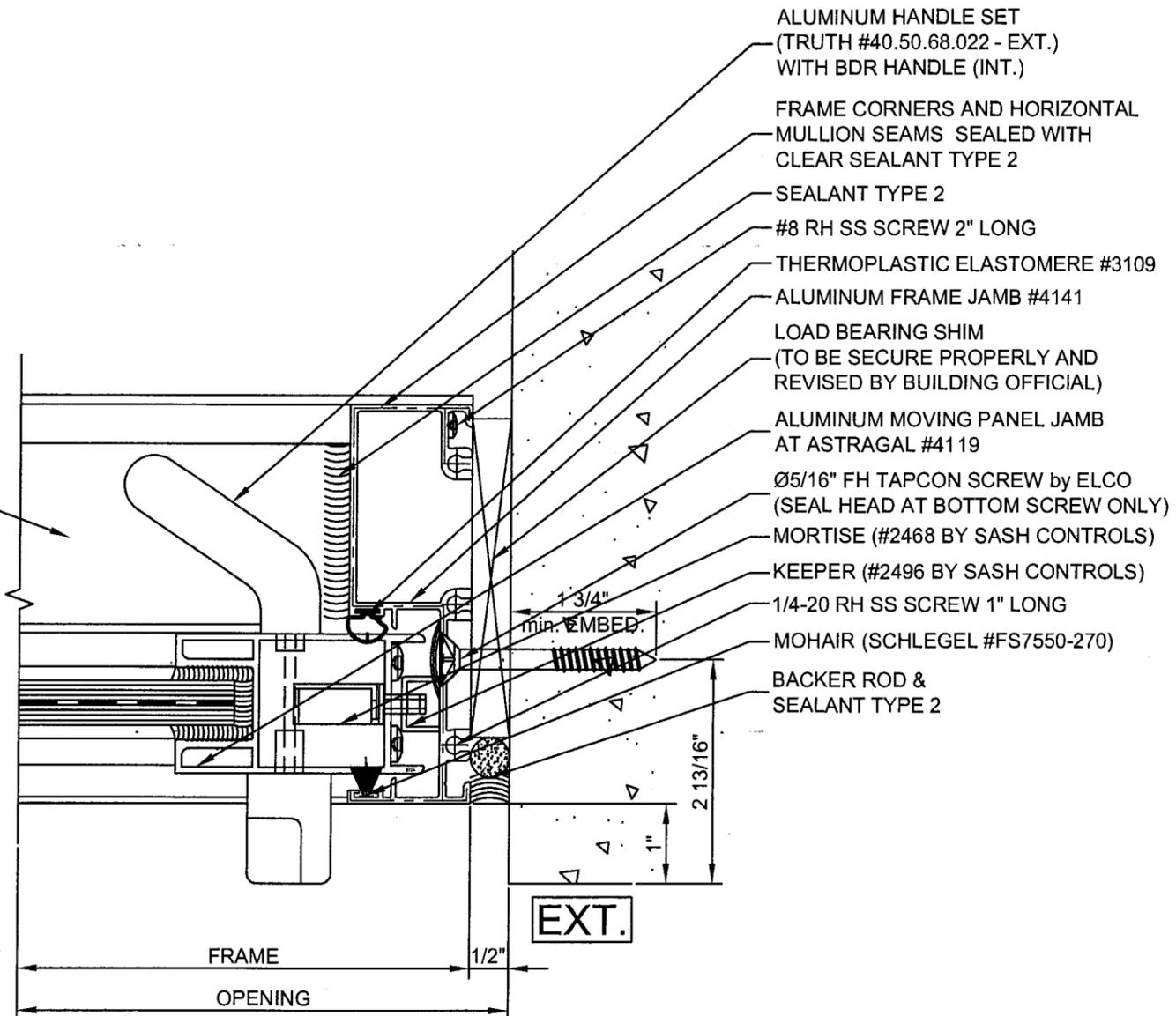
TEST #98.1
ALDORA
112" x 120"
+120/-140 PSF
LARGE IMPACT
DETAILS 100 and 101

SCALE: 6" = 1'-0"	DRAWN BY: M. POTVIN	
DATE: 05/14/2008	DRAWING NO. T-98.1	SHEET NO. 2 OF 6

Approved as complying with the
 Florida Building Code
 Date SEP 18, 2008
 NOA# 08-0811-02
 Miami Dade Product Control
 Division
 By Shaq I. L. L...

REVISIONS:	BY:
R1 06/16/2008	J.F.L.
R2 08/05/2008	M.P.
R3 08/21/2008	M.P.

ALUMINIUM THRESHOLD FILLING
 TRACK #4142 IS SET WITH SEALANT TYPE 2
 AND THIS LOCKS THE FIXED PANEL
 REF. DETAIL 106



detail 102

- ALUMINUM HANDLE SET
(TRUTH #40.50.68.022 - EXT.)
WITH BDR HANDLE (INT.)
- FRAME CORNERS AND HORIZONTAL
MULLION SEAMS SEALED WITH
CLEAR SEALANT TYPE 2
- SEALANT TYPE 2
- #8 RH SS SCREW 2" LONG
- THERMOPLASTIC ELASTOMERE #3109
- ALUMINUM FRAME JAMB #4141
- LOAD BEARING SHIM
(TO BE SECURE PROPERLY AND
REVISED BY BUILDING OFFICIAL)
- ALUMINUM MOVING PANEL JAMB
AT ASTRAGAL #4119
- Ø5/16" FH TAPCON SCREW by ELCO
(SEAL HEAD AT BOTTOM SCREW ONLY)
- MORTISE (#2468 BY SASH CONTROLS)
- KEEPER (#2496 BY SASH CONTROLS)
- 1/4-20 RH SS SCREW 1" LONG
- MOHAIR (SCHLEGEL #FS7550-270)
- BACKER ROD &
SEALANT TYPE 2

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Farrokh Rasekhi
 8/21/08

TEL: (305) 595-8565 FARROKH RASEKHI, P.E.
 FAX: (305) 595-8966 FL. REG. #38001

MANUFACTURER:

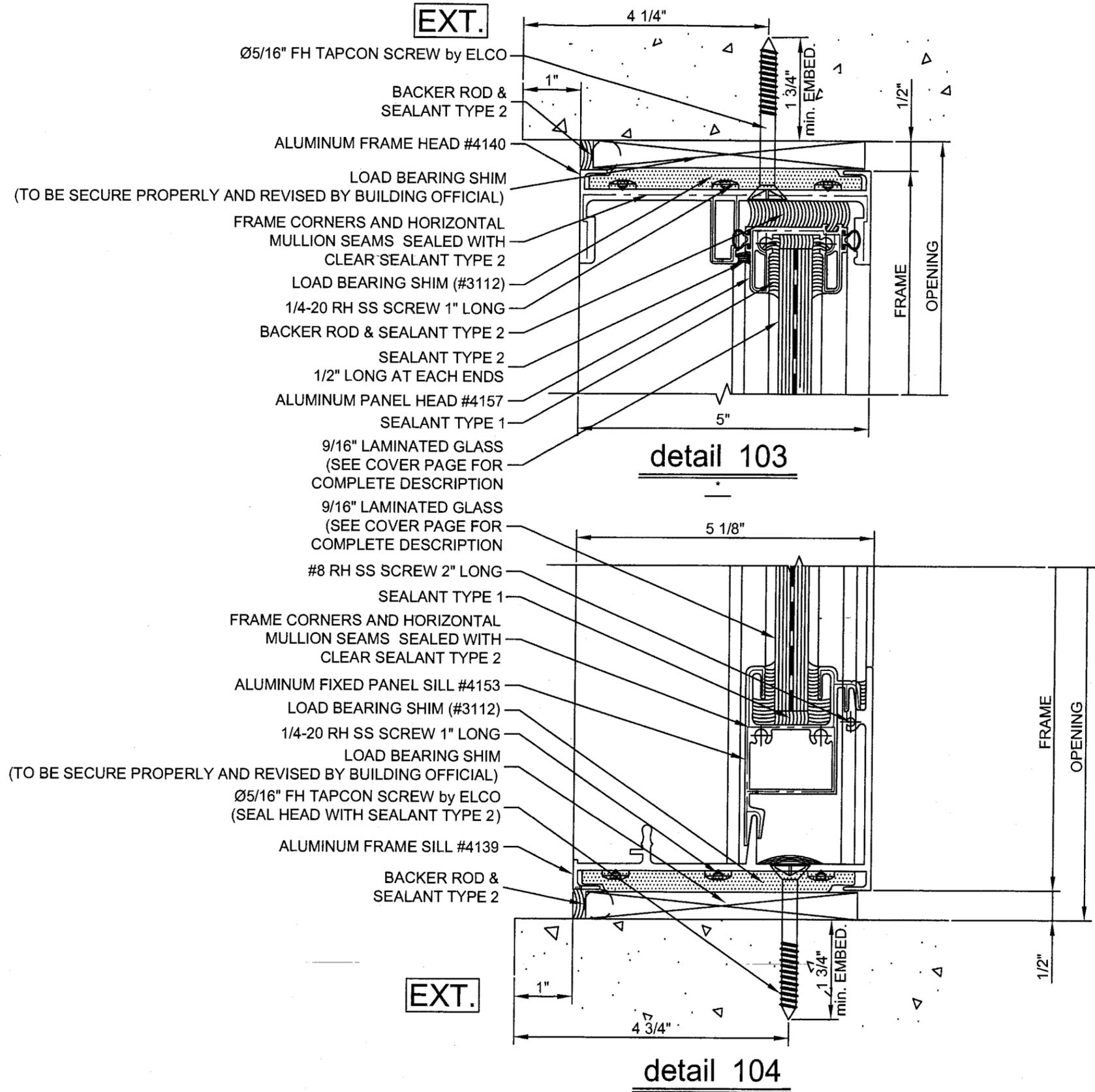
Gamma
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Phone: (954) 977-2711 Fax: (954) 977-2715
 Web site: www.gammaindustries.ca
 E-mail: info@gamma-online.com

TITLE:

TEST #98.1
 ALDORA
 112" x 120"
 +120/-140 PSF
 LARGE IMPACT
 DETAIL 102

SCALE: 6" = 1'-0"	DRAWN BY: M. POTVIN	
DATE: 05/14/2008	DRAWING NO. T-98.1	SHEET NO. 3 OF 6



EXT.

EXT.

- Ø5/16" FH TAPCON SCREW by ELCO
- BACKER ROD & SEALANT TYPE 2
- ALUMINUM FRAME HEAD #4140
- LOAD BEARING SHIM
(TO BE SECURE PROPERLY AND REVISED BY BUILDING OFFICIAL)
- FRAME CORNERS AND HORIZONTAL MULLION SEAMS SEALED WITH CLEAR SEALANT TYPE 2
- LOAD BEARING SHIM (#3112)
- 1/4-20 RH SS SCREW 1" LONG
- BACKER ROD & SEALANT TYPE 2
- SEALANT TYPE 2
1/2" LONG AT EACH ENDS
- ALUMINUM PANEL HEAD #4157
- SEALANT TYPE 1
- 9/16" LAMINATED GLASS
(SEE COVER PAGE FOR COMPLETE DESCRIPTION)
- 9/16" LAMINATED GLASS
(SEE COVER PAGE FOR COMPLETE DESCRIPTION)
- #8 RH SS SCREW 2" LONG
- SEALANT TYPE 1
- FRAME CORNERS AND HORIZONTAL MULLION SEAMS SEALED WITH CLEAR SEALANT TYPE 2
- ALUMINUM FIXED PANEL SILL #4153
- LOAD BEARING SHIM (#3112)
- 1/4-20 RH SS SCREW 1" LONG
- LOAD BEARING SHIM
(TO BE SECURE PROPERLY AND REVISED BY BUILDING OFFICIAL)
- Ø5/16" FH TAPCON SCREW by ELCO
(SEAL HEAD WITH SEALANT TYPE 2)
- ALUMINUM FRAME SILL #4139
- BACKER ROD & SEALANT TYPE 2

detail 103

detail 104

Approved as complying with the Florida Building Code
 Date SEP 18, 2008
 NOA# 08-0811.02
 Miami Dade Product Control Division
 By Isaac J. Clark

REVISIONS:	BY:
R1 06/16/2008	J.F.L.
R2 08/05/2008	M.P.
R3 08/21/2008	M.P.

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Farrokh Rasekhi
 8/21/08
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 FAX: (305) 595-8966 FL. REG. #38001

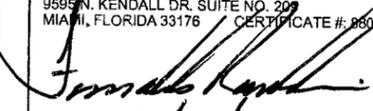
MANUFACTURER:
Gamma
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 2115 S.W. 2nd Street
 Pompano Beach, FL 33069
 Phone: (954) 977-2711 Fax: (954) 977-2715
 Web site: www.gammaindustries.ca
 E-mail: info@gamma-online.com

TITLE:
**TEST #98.1
 ALDORA
 112" x 120"
 +120/-140 PSF
 LARGE IMPACT
 DETAILS 103 and 104**

SCALE: 6" = 1'-0"	DRAWN BY: M. POTVIN
DATE: 05/12/2008	DRAWING NO. T-98.1
	SHEET NO. 4 of 6

Approved as complying with the
 Florida Building Code
 Date SEP 18, 2008
 NOA# 08-0811-02
 Miami Dade Product Control
 Division
 By Shag I. Gaudin

REVISIONS:	BY:
R1 06/16/2008	J.F.L.
R2 08/05/2008	M.P.
R3 08/21/2008	M.P.

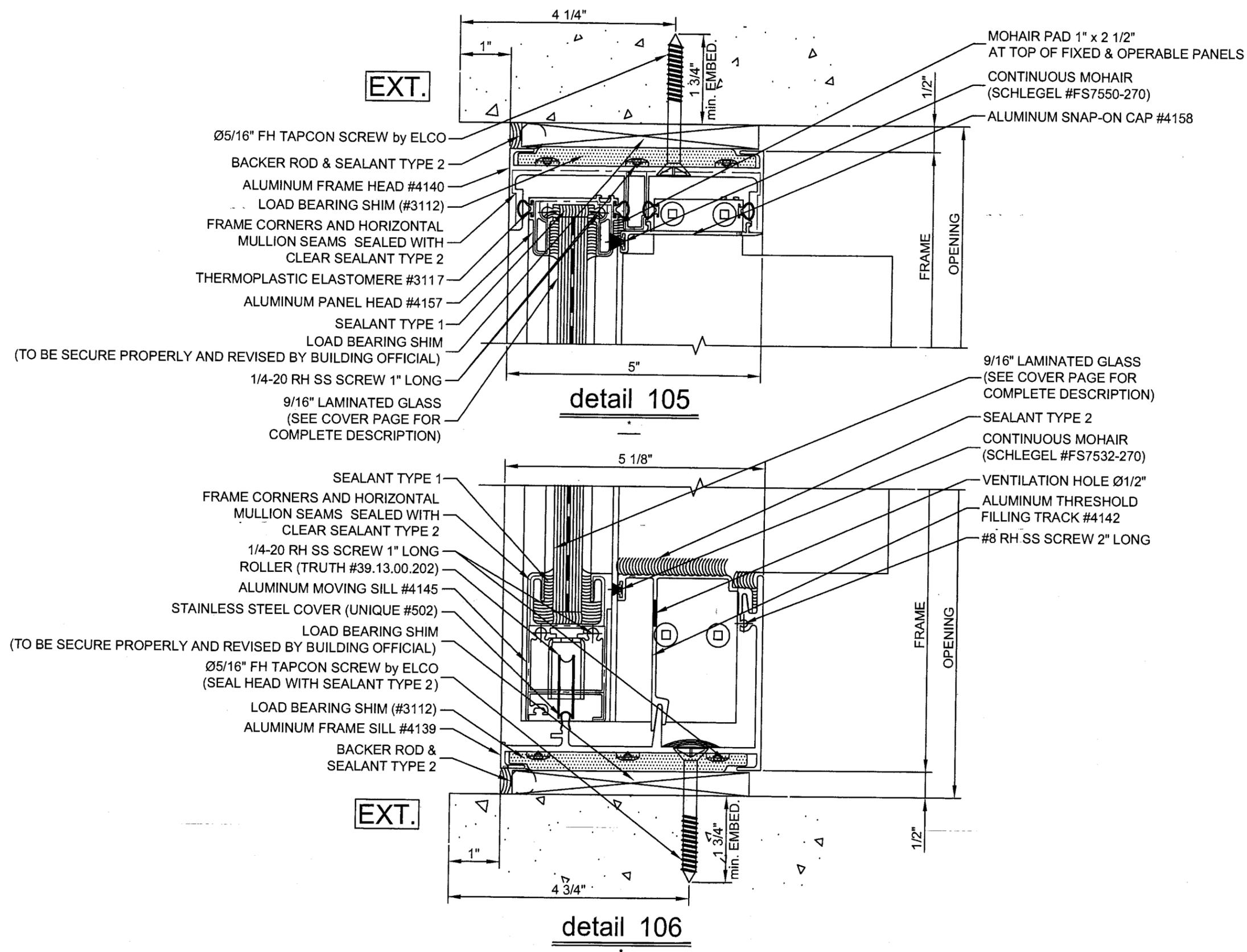
STRUCTURAL DESIGN INC.
 CONSULTING STRUCTURAL ENGINEERS
 9595 N. KENDALL DR. SUITE NO. 202
 MIAMI, FLORIDA 33176 CERTIFICATE # 0603

 8/21/08
 TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
 FAX: (305) 595-8966 FL. REG. #38001

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 Web site: www.gammaindustries.ca
 E-mail: info@gamma-online.com

TITLE:
 TEST #98.1
 ALDORA
 112" x 120"
 +120/-140 PSF
 LARGE IMPACT
 DETAILS 105 and 106

SCALE: 6" = 1'-0"	DRAWN BY: M. POTVIN	
DATE: 05/12/2008	DRAWING NO. T-98.1	SHEET NO. 5 OF 6



- Ø5/16" FH TAPCON SCREW by ELCO
- BACKER ROD & SEALANT TYPE 2
- ALUMINUM FRAME HEAD #4140
- LOAD BEARING SHIM (#3112)
- FRAME CORNERS AND HORIZONTAL MULLION SEAMS SEALED WITH CLEAR SEALANT TYPE 2
- THERMOPLASTIC ELASTOMERE #3117
- ALUMINUM PANEL HEAD #4157
- SEALANT TYPE 1
- LOAD BEARING SHIM
- (TO BE SECURE PROPERLY AND REVISED BY BUILDING OFFICIAL)
- 1/4-20 RH SS SCREW 1" LONG
- 9/16" LAMINATED GLASS (SEE COVER PAGE FOR COMPLETE DESCRIPTION)

- SEALANT TYPE 1
- FRAME CORNERS AND HORIZONTAL MULLION SEAMS SEALED WITH CLEAR SEALANT TYPE 2
- 1/4-20 RH SS SCREW 1" LONG
- ROLLER (TRUTH #39.13.00.202)
- ALUMINUM MOVING SILL #4145
- STAINLESS STEEL COVER (UNIQUE #502)
- LOAD BEARING SHIM
- (TO BE SECURE PROPERLY AND REVISED BY BUILDING OFFICIAL)
- Ø5/16" FH TAPCON SCREW by ELCO (SEAL HEAD WITH SEALANT TYPE 2)
- LOAD BEARING SHIM (#3112)
- ALUMINUM FRAME SILL #4139
- BACKER ROD & SEALANT TYPE 2

- MOHAIR PAD 1" x 2 1/2" AT TOP OF FIXED & OPERABLE PANELS
- CONTINUOUS MOHAIR (SCHLEGEL #FS7550-270)
- ALUMINUM SNAP-ON CAP #4158

- 9/16" LAMINATED GLASS (SEE COVER PAGE FOR COMPLETE DESCRIPTION)
- SEALANT TYPE 2
- CONTINUOUS MOHAIR (SCHLEGEL #FS7532-270)
- VENTILATION HOLE Ø1/2"
- ALUMINUM THRESHOLD FILLING TRACK #4142
- #8 RH SS SCREW 2" LONG

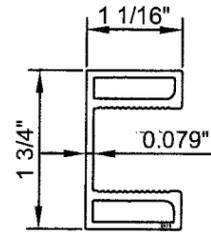
MOHAIR
(SCHLEGEL #FS 7532-270)

MOHAIR
(SCHLEGEL #FS 7550-270)

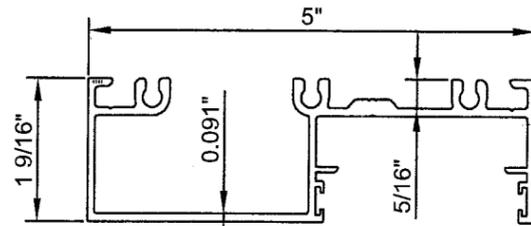
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RUBBER (#SE-237) #3110

STAINLESS STEEL COVER
#502 By Unique

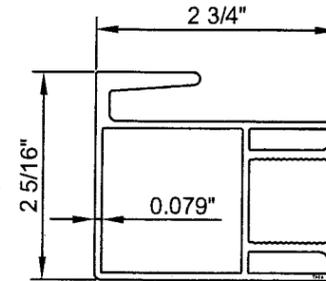
#3109 THERMOPLASTIC
ELASTOMERE RUBBER



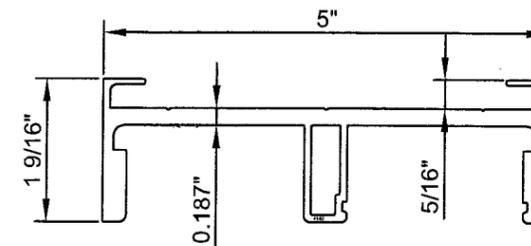
#4149
ALUMINUM FIXED PANEL JAMB



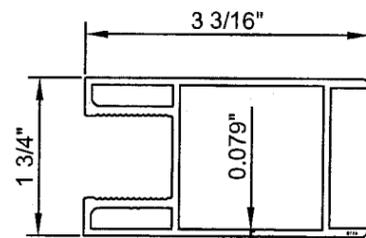
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ALUMINUM FRAME JAMB



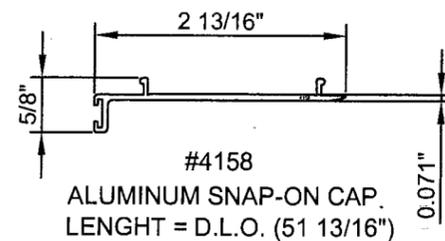
#4147
ALUMINUM MOVING PANEL
JAMB AT MEETING RAIL



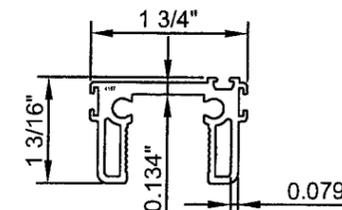
#4140
ALUMINUM FRAME HEAD



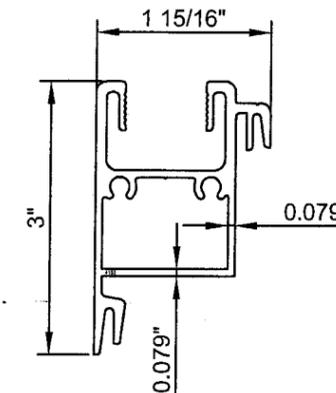
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ALUMINUM MOVING PANEL
JAMB AT ASTRAGAL



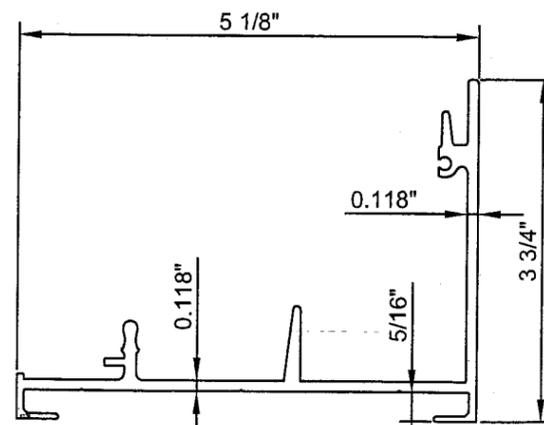
#4158
ALUMINUM SNAP-ON CAP.
LENGHT = D.L.O. (51 13/16")



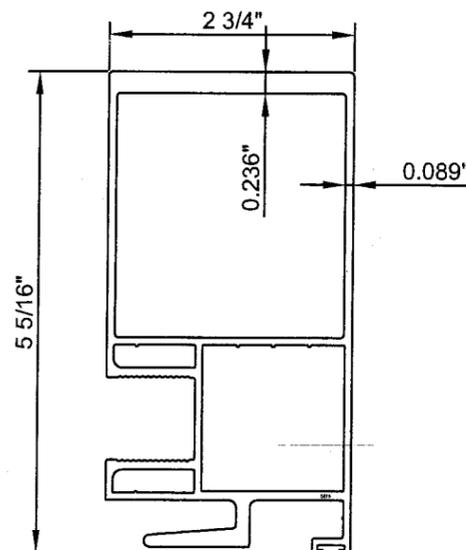
#4157
ALUMINUM PANEL HEAD



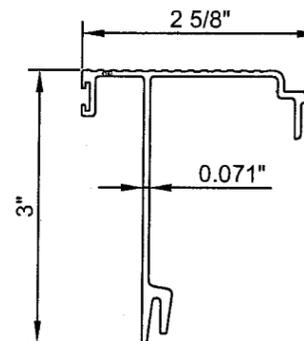
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ALUMINUM FIXED PANEL SILL



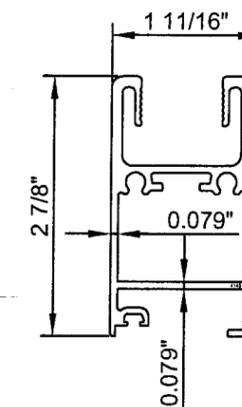
#4139
ALUMINUM FRAME SILL



#4155
ALUMINUM FIXED PANEL
JAMB AT MEETING RAIL



#4142
ALUMINUM THRESHOLD
FILLING TRACK
LENGHT = D.L.O. (51 13/16")



#4145
ALUMINUM MOVING PANEL SILL

Approved as complying with the
Florida Building Code
Date SEP 18, 2008
NOA# 08-0811.02
Miami Dade Product Control
Division
By Shay L. Land

REVISIONS:	BY:
R1 06/16/2008	J.F.L.
R2 08/05/2008	M.P.
R3 08/21/2008	M.P.

STRUCTURAL DESIGN INC.
CONSULTING STRUCTURAL ENGINEERS
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Farrok Rasekhi
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TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
FAX: (305) 595-8966 FL. REG. #38001

MANUFACTURER:
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Phone: (954) 977-2711 Fax: (954) 977-2715
Web site: www.gammaindustries.ca
E-mail: info@gamma-online.com

TITLE:
**TEST #98.1
ALDORA
112" x 120"
+120/-140 PSF
LARGE IMPACT
GAMMA'S EXTRUSIONS**

SCALE: 6" = 1'-0"	DRAWN BY: M. POTVIN	
DATE: 05/12/2008	DRAWING NO. T-98.1	SHEET NO. 6 OF 6