



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)

**Gamma USA**  
15407 West Dixie Highway  
North Miami Beach, FL 33162

### 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 72 Aldora Aluminum Sliding Glass Door

**APPROVAL DOCUMENT:** Drawing No. T-72, titled "Test # 72 Aldora 48" x 120" +110/-120 PSF Small Impact Elevation", sheets 1 through 9 of 9, prepared by manufacture, dated 03/02/04 with revisions "R3" 04/20/04, 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: Small Missile Impact

**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 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 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 04-1006.02  
Expiration Date: February 24, 2010  
Approval Date: February 24, 2005  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **T-72**, Sheets 1 through 9 of 9, titled "Test # 72 Aldora 48"x 120" +110/-120 PSF Small Impact Elevation", prepared by manufacture, dated 03/02/04 with revisions "**R3**" on 04/20/04, 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) Small Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1 (b) and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4167**, dated 05/27/04, signed and sealed by Edmundo Largespada, P.E.

**C. CALCULATIONS**

1. Anchor Calculations, ASTM-E 1300, and structural analysis, prepared by Structural Design, Inc., dated 08/27/04, signed and sealed by Farrokh Rasekhi, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

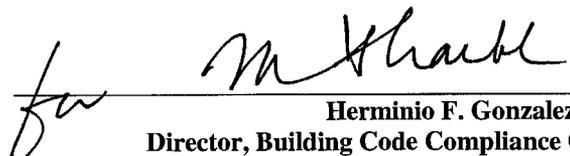
1. Notice of Acceptance No. **01-0205.02**, issued to Solutia Inc. for their "Saflex/Keepsafe Maximum", approved on 05/17/01 and expiring on 05/21/06.

**F. STATEMENTS**

1. Statement letter of conformance and no financial letter, dated 08/24/04, signed and sealed by Farrokh Rasekhi, P.E.

**G. OTHER**

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC)

  
\_\_\_\_\_  
Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office  
NOA No 04-1006.02  
Expiration Date: February 24, 2010  
Approval Date: February 24, 2005

As shown complying with the  
 Florida Building Code  
 Date 02/24/05  
 NOA# 04-1006-02  
 Miami Dade Product Control  
 Division  
 By M. Shull

**GENERAL NOTES**

- 1 -GLASS TYPE: 9/16" LAMINATED GLASS  
 1/4" CLEAR TEMPERED GLASS  
 0.060" PVB (SOLUTIA)  
 1/4" CLEAR TEMPERED GLASS
- MAXIMUM GLASS DIMENSION 45 9/16" X 115 11/16"
- ALL ALUMINUM IS 6063 T6
- GLAZING PENETRATION: 3/4"
- 1/2" MAX. SHIM SPACE
- CONCRETE APPLICATION
- FRAME CORNERS & MEETING RAIL SEAM SEALED WITH CLEAR SEALANT
- REFER TO BILL OF MATERIEL FOR COMPLETE DESCRIPTION

**SHUTTER REQUIREMENTS:**  
 1- INSTALLATION OF THIS UNIT ABOVE 30 FT ABOVE GRADE WILL NOT REQUIRE SHUTTERS  
 2- MIAMI DADE COUNTY APPROVED SHUTTERS WILL BE REQUIRED FOR INSTALLATION OF THIS UNIT BELOW 30 FT ABOVE THE GRADE

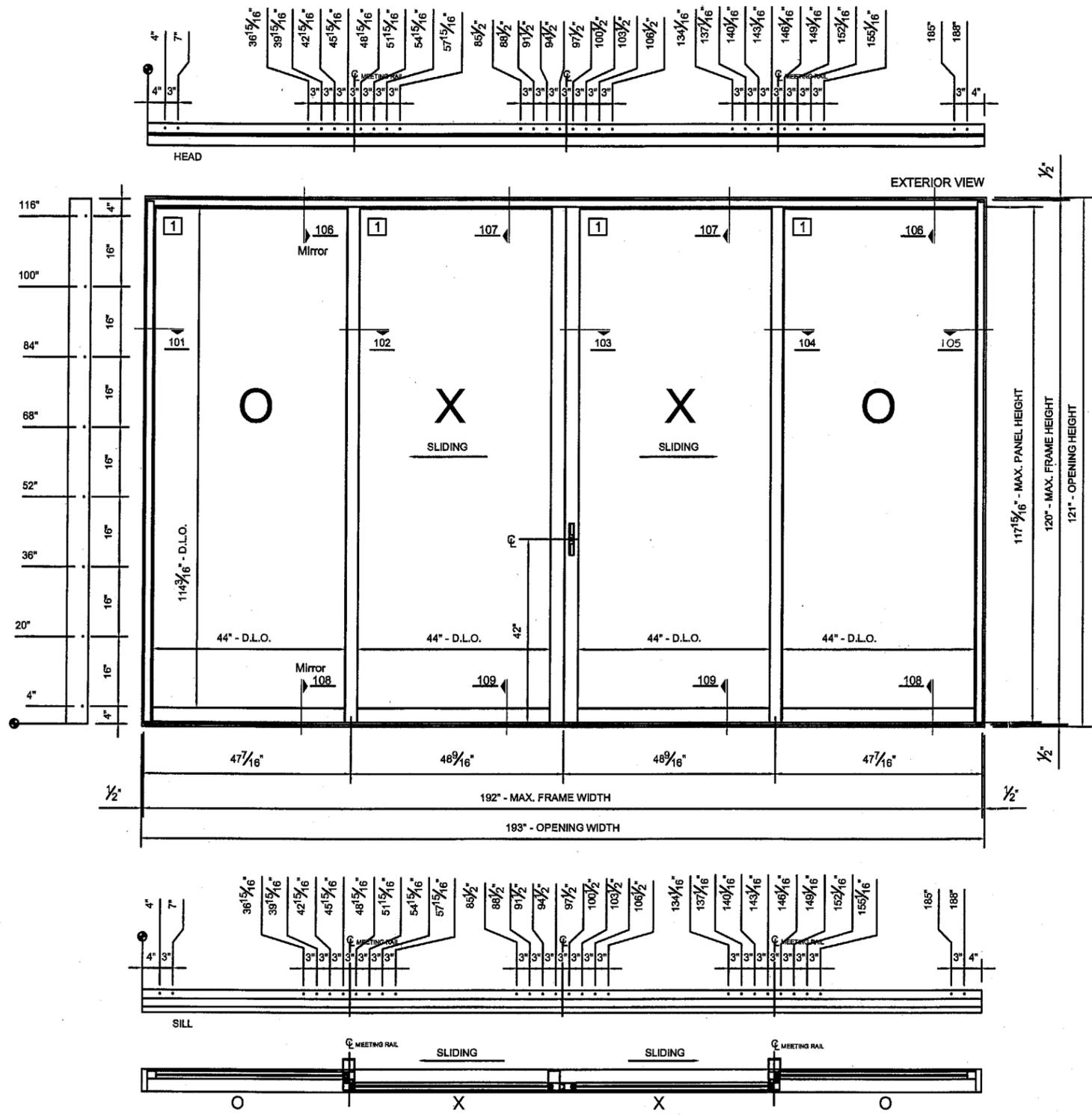
REVISIONS:	BY:
R1 03/17/2004	D.L.
R2 04/14/2004	LGB
R3 04/20/2004	LGB

*Farrakh Rasekhi*  
 8/31/04  
**Farrakh Rasekhi, P.E.**  
**Consulting Struct. Engineer**  
**Structural Design, Inc.**  
**FL. Registration #38001**

MANUFACTURER:  
  
 Gamma Industrie Inc.  
 15407 West Dixie Highway  
 North Miami Beach, FL 33162  
 Phone: (305) 957-7004 Fax: (305) 957-7006  
 Web site: www.gamma-online.com  
 Email: tech@gamma-online.com

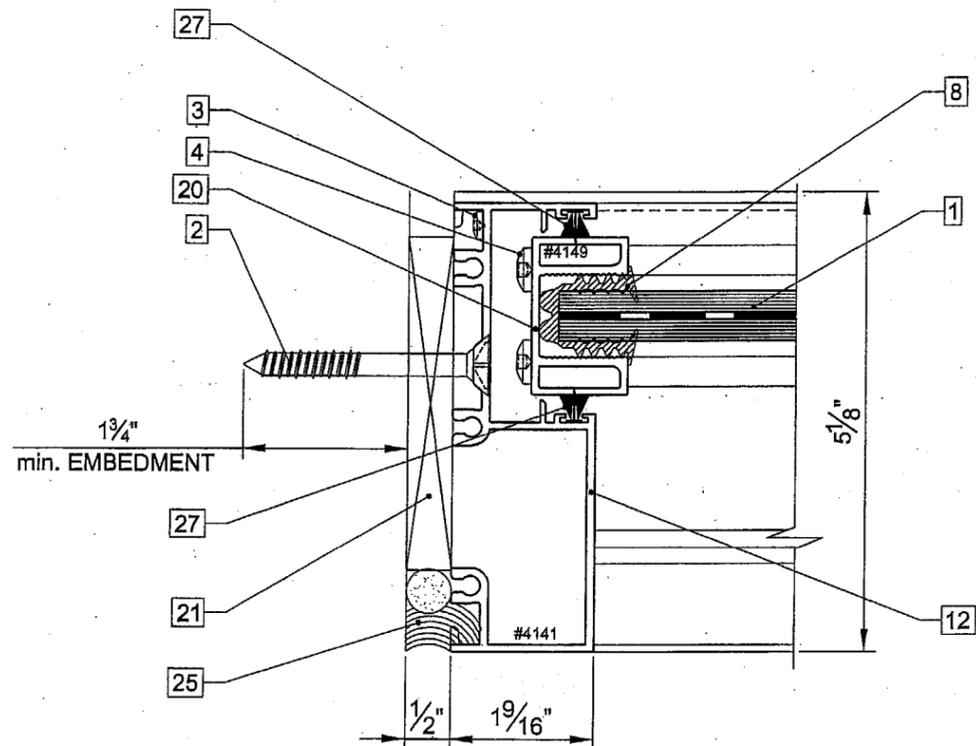
TITLE:  
**TEST #72**  
**ALDORA**  
**48" X 120"**  
**+110/-120 PSF**  
**SMALL IMPACT**  
**ELEVATION**

SCALE: 3/8" = 1'-0"	DRAWN BY: L-G. BOUDREAU	
DATE: 03/02/2004	DRAWING NO. T-72	SHEET NO. 1 OF 9



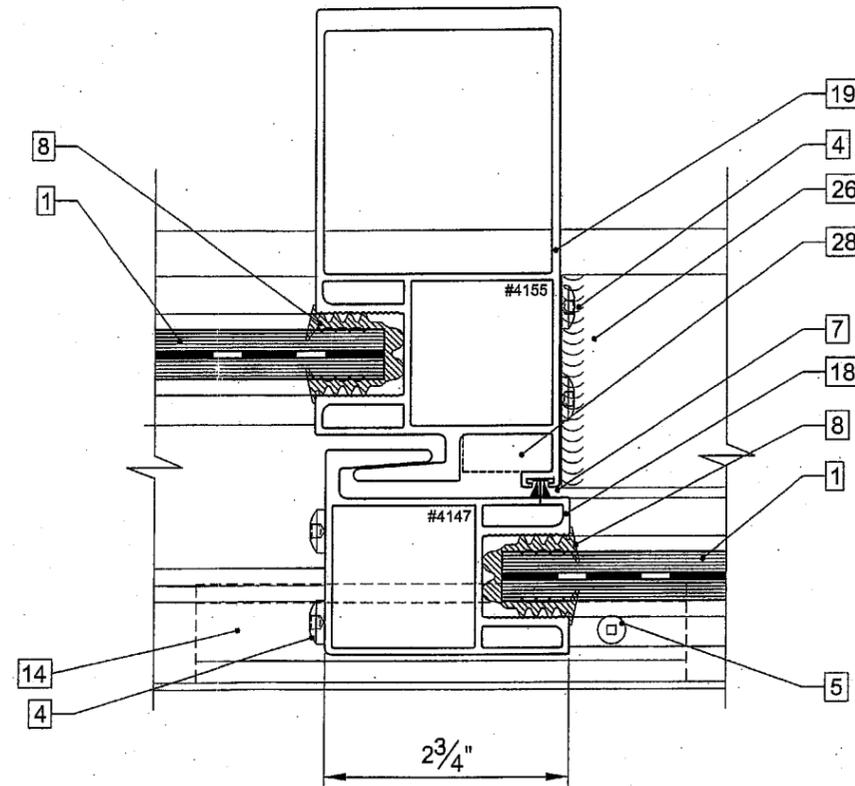
Approved as complying with the  
 Florida Building Code  
 Date 02/24/05  
 NOAH 04-1006.02  
 Miami Dade Product Control  
 Division  
 By M. Krall

REVISIONS:	BY:
R1 03/17/2004	D.L.
R2 04/14/2004	LGB



**OUTSIDE**

detail 101



**OUTSIDE**

detail 102

*Farrokh Rasekhi*  
 8/31/04

**Farrokh Rasekhi, P.E.**  
 Consulting Struct. Engineer  
 Structural Design, Inc.  
 FL. Registration #38001

MANUFACTURER:  
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 Web site: www.gamma-online.com  
 Email: tech@gamma-online.com

TITLE:  
 TEST #72  
 ALDORA  
 48" X 120"  
 +110/-120 PSF  
 SMALL IMPACT  
 DETAILS 101 & 102

SCALE: 6" = 1'-0"	DRAWN BY: L-G. BOUDREAU	
DATE: 03/02/2004	DRAWING NO. T-72	SHEET NO. 2 OF 9

License RBC 1159-5527-22

Approved as complying with the  
 Florida Building Code  
 Date 02/24/05  
 NOA# 04-1006-07  
 Miami Dade Product Control  
 Division  
 By J.M. Khalil

REVISIONS:	BY:
R1 03/17/2004	D.L.
R2 04/14/2004	LGB

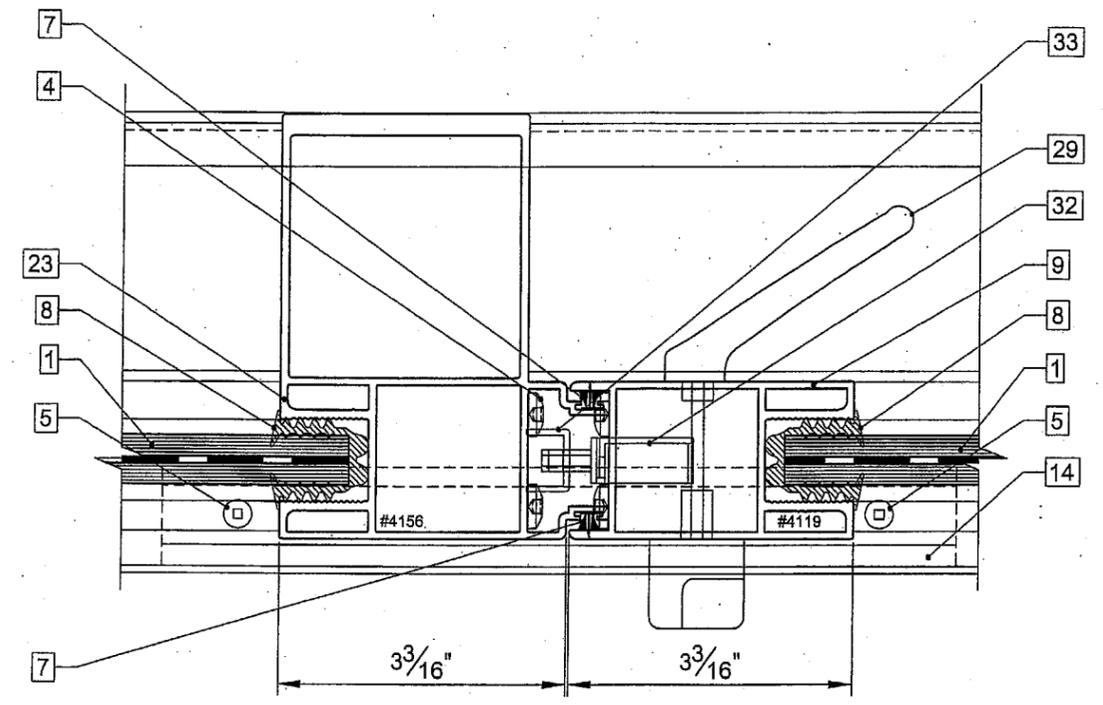
*J. Farrokh Rasekhi*  
 8/31/04  
**Farrokh Rasekhi, P.E.**  
 Consulting Struct. Engineer  
 Structural Design, Inc.  
 FL. Registration #38001

MANUFACTURER:  
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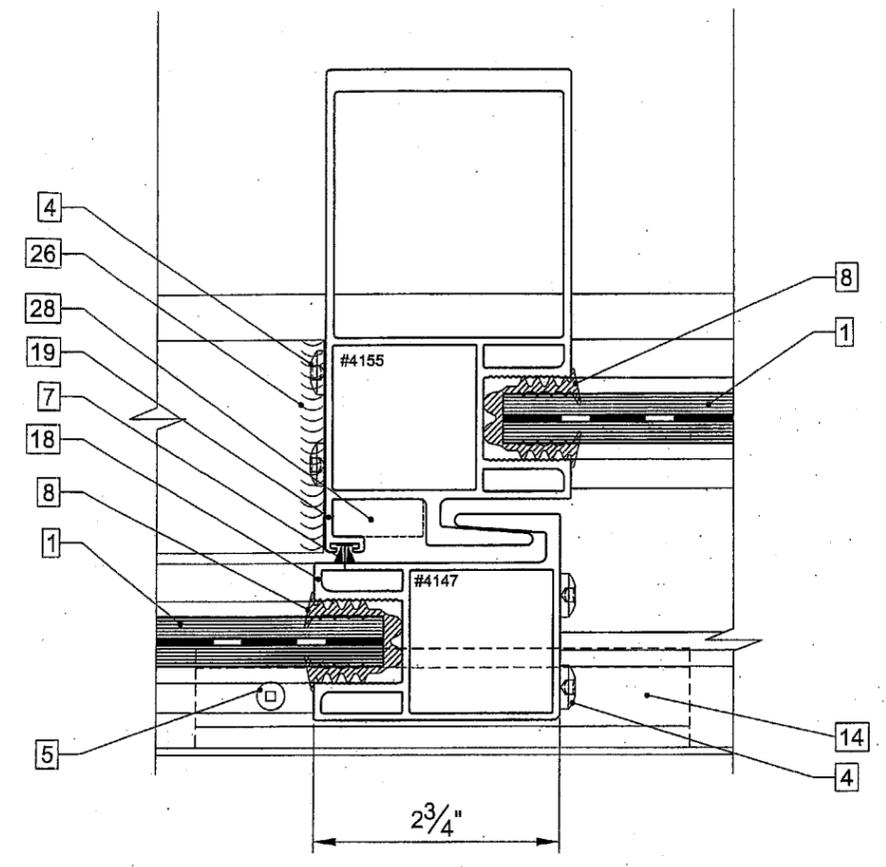
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 TEST #72  
 ALDORA  
 48" X 120"  
 +110/-120 PSF  
 SMALL IMPACT  
 DETAILS 103 & 104

SCALE: 6" = 1'-0"	DRAWN BY: L-G. BOUDREAU	
DATE: 03/02/2004	DRAWING NO. T-72	SHEET NO. 3 of 9

License RBO 1158-5627-22



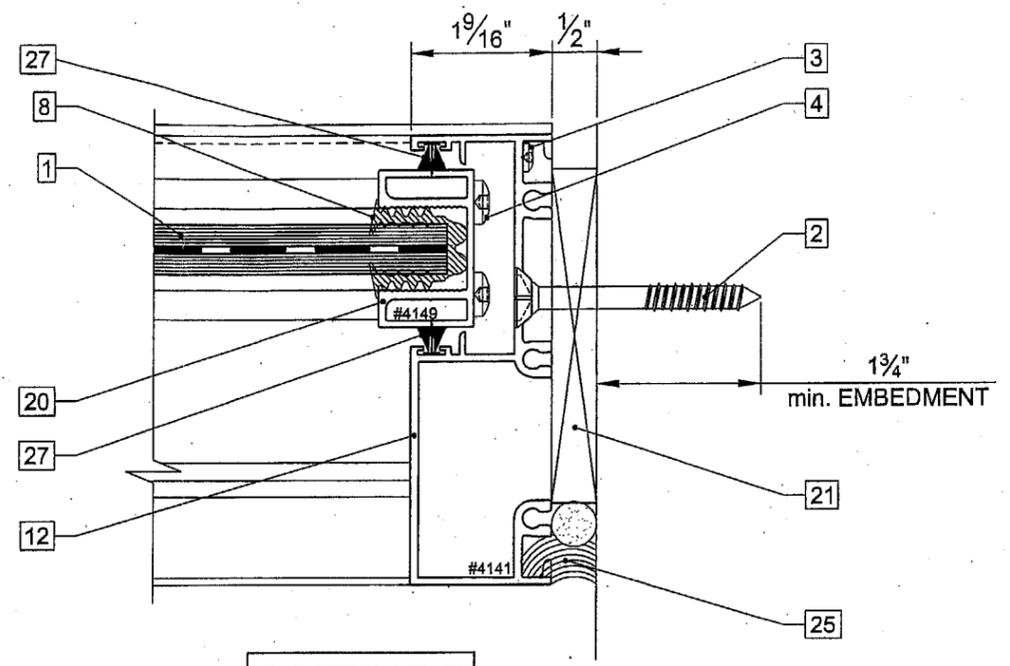
**OUTSIDE**  
detail 103



**OUTSIDE**  
detail 104

Approved as complying with the  
 Florida Building Code  
 Date 02/24/05  
 NOA# 04-1006-02  
 Miami Code Product Control  
 Division  
 By M. Shakk

REVISIONS:	BY:
R1 03/17/2004	D.L.
R2 04/14/2004	LGB



OUTSIDE

detail 105

*Farrokh Rasekhi*  
 8/31/04  
 Farrokh Rasekhi, P.E.  
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 FL. Registration #38001

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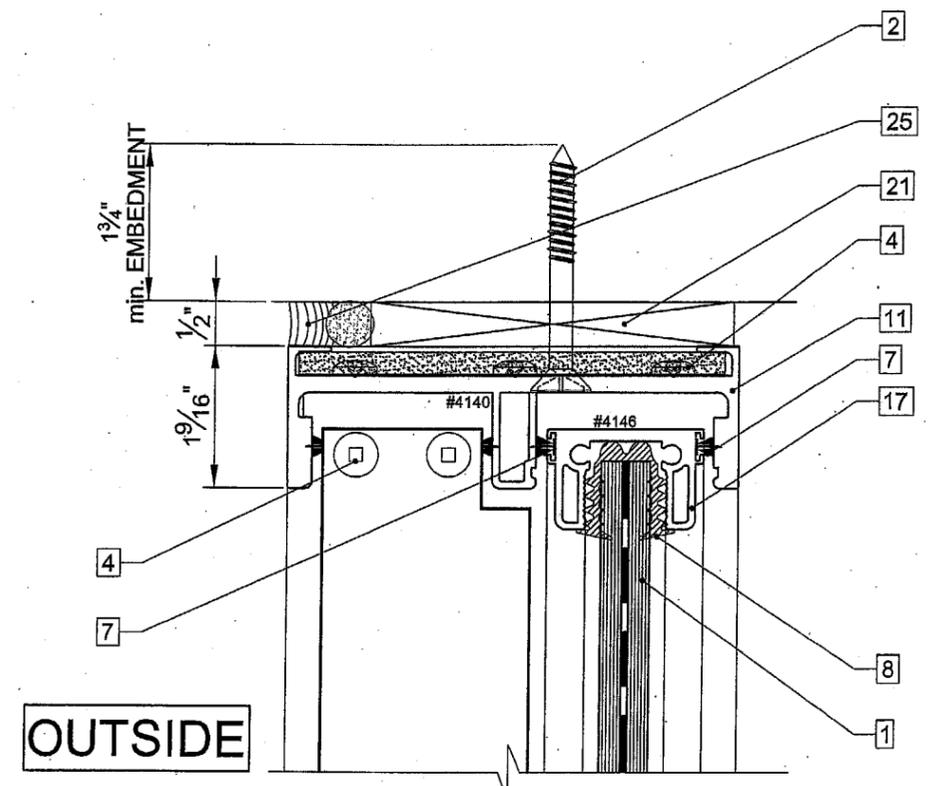
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 ALDORA  
 48" X 120"  
 +110/-120 PSF  
 SMALL IMPACT  
 DETAIL 105

SCALE: 6" = 1'-0"	DRAWN BY: L-G. BOUDREAU	
DATE: 03/02/2004	DRAWING NO. T-72	SHEET NO. 4 OF 9

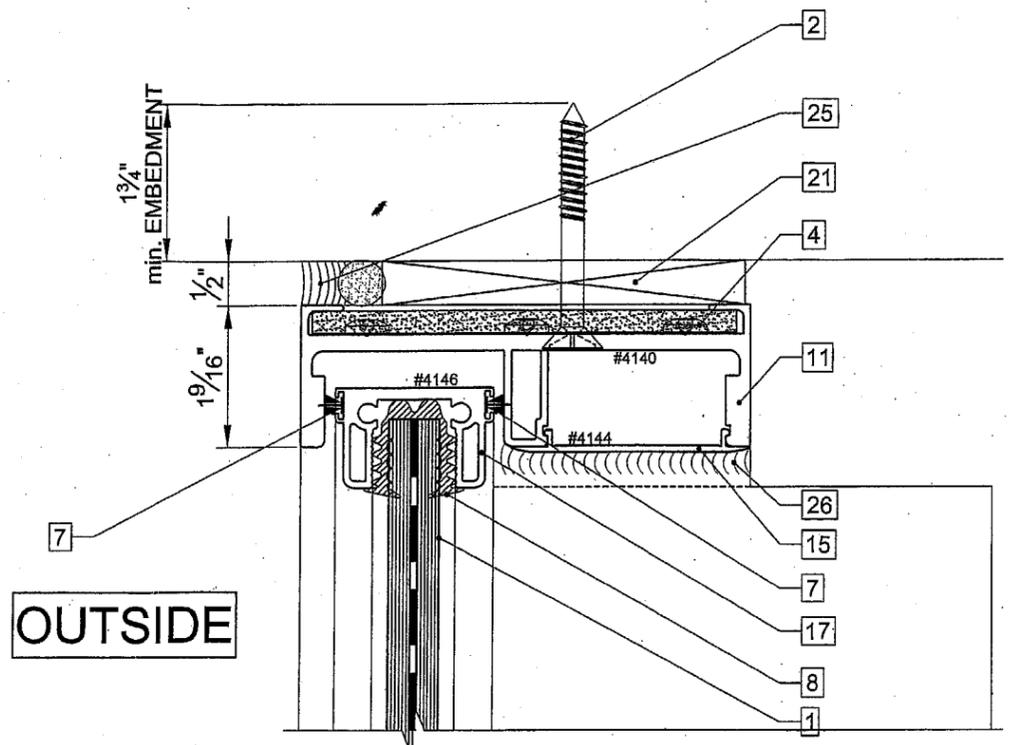
License RBQ 1159-5527-22

Approved as complying with the  
 Florida Building Code  
 Date 02/24/05  
 NOA# 04-700602  
 Miami-Dade Product Control  
 Division  
 By: *J.M. Hawk*

REVISIONS:	BY:
R1 03/17/2004	D.L.



detail 106



detail 107

*Farrokh Rasekhi*  
 8/31/04

Farrokh Rasekhi, P.E.  
 Consulting Struct. Engineer  
 Structural Design, Inc.  
 FL. Registration #38001

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 Phone: (305) 957-7004 Fax: (305) 957-7006  
 Web site: www.gamma-online.com  
 Email: tech@gamma-online.com

TITLE:  
 TEST #72  
 ALDORA  
 48" X 120"  
 +110/-120 PSF  
 SMALL IMPACT  
 DETAILS 106 & 107

SCALE: 6" = 1'-0"	DRAWN BY: L-G. BOUDREAU	
DATE: 03/02/2004	DRAWING NO. T-72	SHEET NO. 5 OF 9

Licence REQ 1159-5527-22

Approved as complying with the  
 Florida Building Code  
 Date 02/24/05  
 NOA# 04-100602  
 Miami-Dade Product Control  
 Division  
 By M. Khalil

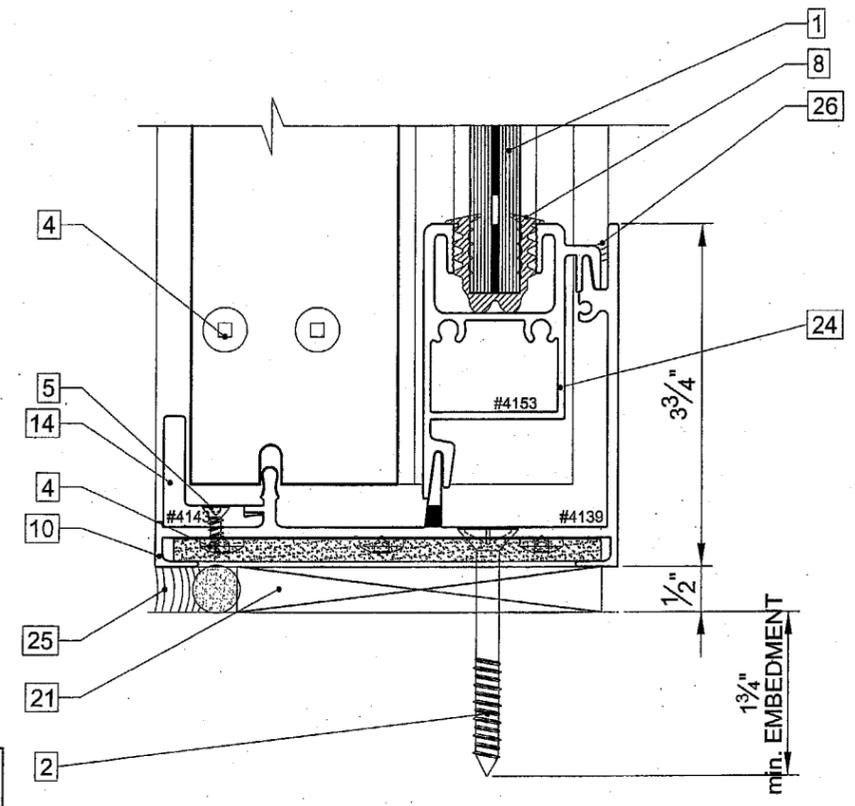
REVISIONS:	BY:
R1 03/17/2004	D.L.
R2 04/14/2004	LGB

*Farrokh Rasekhi*  
 8/31/04  
 Farrokh Rasekhi, P.E.  
 Consulting Struct. Engineer  
 Structural Design, Inc.  
 FL. Registration #38001

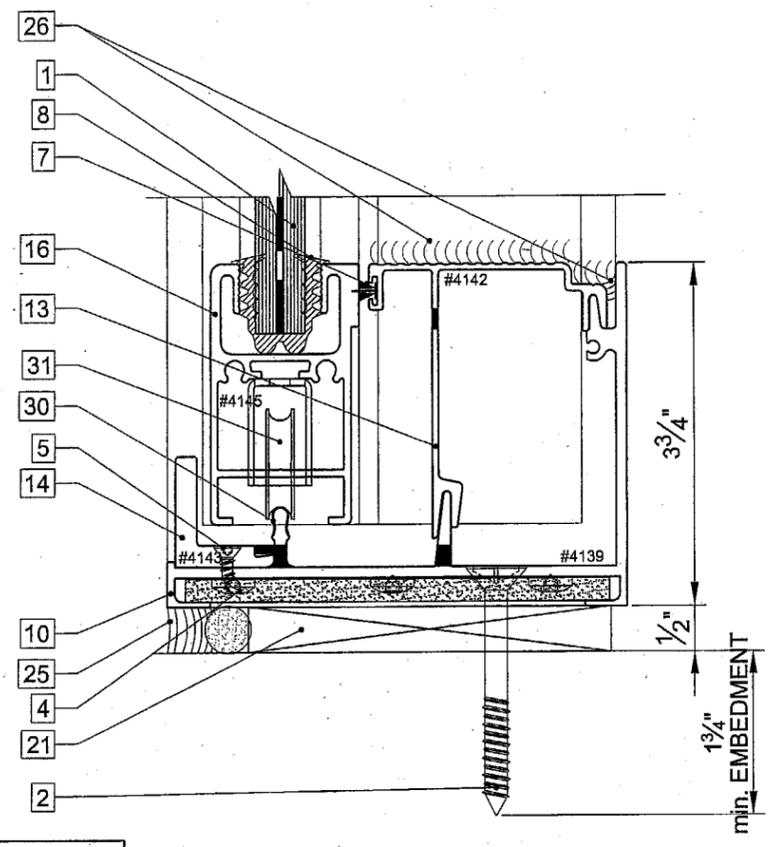
MANUFACTURER:  
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 North Miami Beach, FL 33162  
 Phone: (305) 957-7004 Fax: (305) 957-7006  
 Web site: www.gamma-online.com  
 Email: tech@gamma-online.com

TITLE:  
 TEST #72  
 ALDORA  
 48" X 120"  
 +110/-120 PSF  
 SMALL IMPACT  
 DETAILS 108 & 109

SCALE: 6" = 1'-0"	DRAWN BY: L-G. BOUDREAU	
DATE: 03/02/2004	DRAWING NO. T-72	SHEET NO. 6 OF 9



detail 108



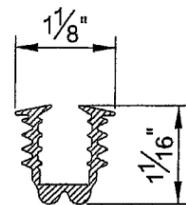
detail 109

OUTSIDE

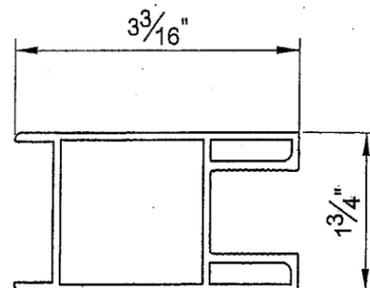
OUTSIDE

Approved as complying with the  
 Florida Building Code  
 Date 02-24-05  
 NOA# 04-1006-02  
 Miami-Dade Product Control  
 Division  
 By M. Khalil

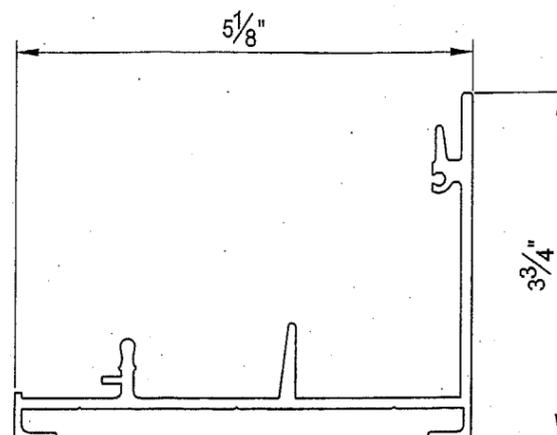
REVISIONS:	BY:
R1 03/17/2004	D.L.
R2 04/14/2004	LGB



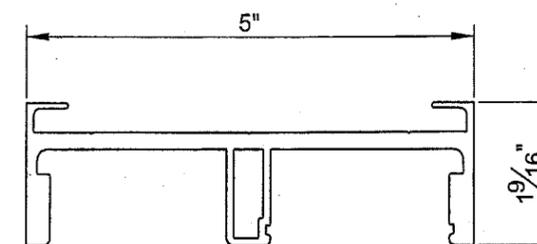
#3066 GLAZING GASKET



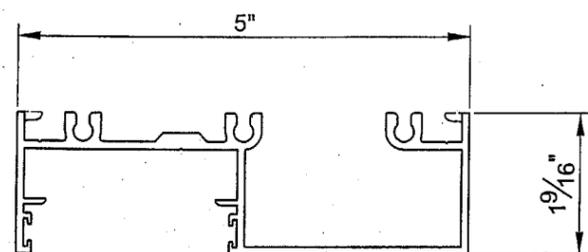
#4119 ALUMINUM MOVING PANEL  
 JAMB AT ASTRAGAL



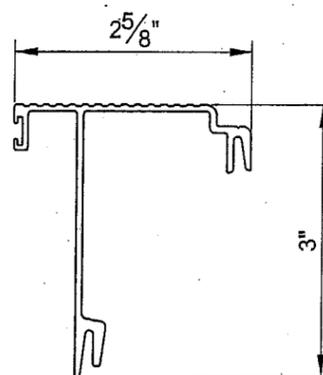
#4139 ALUMINUM FRAME SILL



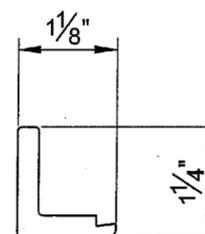
#4140 ALUMINUM FRAME HEAD



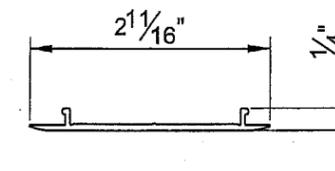
#4141 ALUMINUM FRAME JAMB  
 (Revised to accomodate sealant support)



#4142 ALUMINUM THRESHOLD  
 FILLING TRACK



#4143 ALUMINUM STOPPER



#4144 ALUMINUM SNAP-ON CAP

STAINLESS STEEL COVER  
 #502 By Unique

MOHAIR  
 (SCHLEGEL #FS 7532-270)

MOHAIR  
 (SCHLEGEL #FS 7550-270)

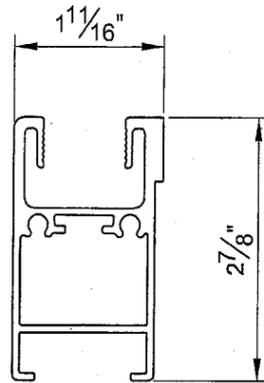
FOR MORE SPECIFIC  
 DIMENSIONS PLEASE  
 REFER TO THE  
 SPECIFICATION SHEET  
 FOR EACH EXTRUSIONS

*Farrokh Rasekhi*  
 8/31/04  
 Farrokh Rasekhi, P.E.  
 Consulting Struct. Engineer  
 Structural Design, Inc.  
 FL. Registration #38001

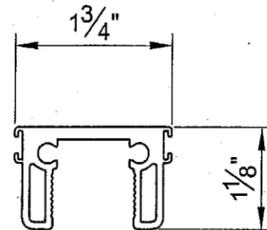
MANUFACTURER:  
**Gamma**  
 Gamma Industrie Inc.  
 15407 West Dixie Highway  
 North Miami Beach, FL 33182  
 Phone: (305) 957-7004 Fax: (305) 957-7006  
 Web site: www.gamma-online.com  
 Email: tech@gamma-online.com

TITLE:  
 TEST #72  
 ALDORA  
 48" X 120"  
 +110/-120 PSF  
 SMALL IMPACT  
 GAMMA'S EXTRUSIONS

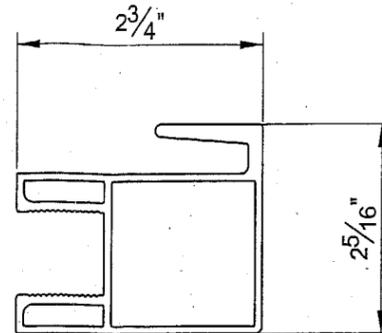
SCALE: 6" = 1'-0"	DRAWN BY: L-G. BOUDREAU	
DATE: 03/02/2004	DRAWING NO. T-72	SHEET NO. 7 OF 9



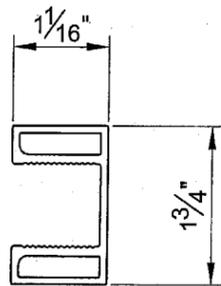
#4145 ALUMINUM MOVING PANEL SILL



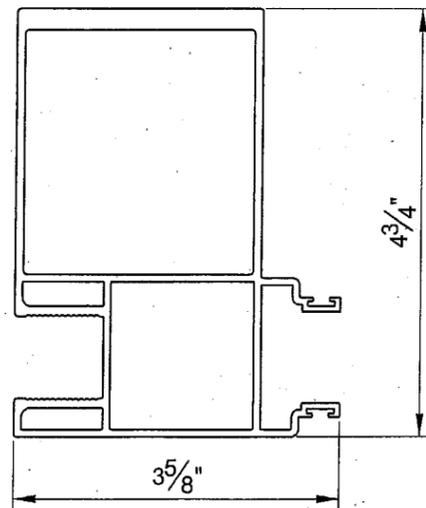
#4146 ALUMINUM PANEL HEAD



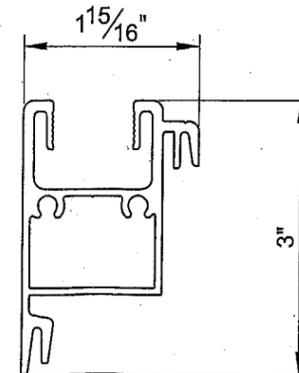
#4147 ALUMINUM MOVING PANEL JAMB AT MEETING RAIL



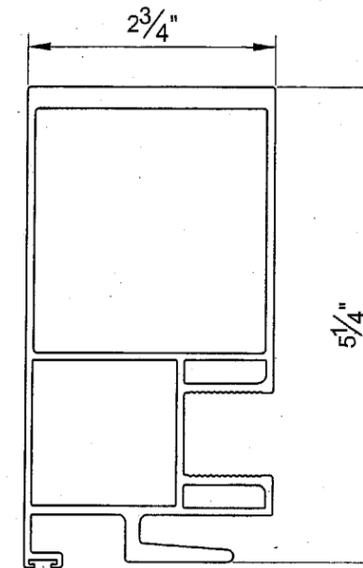
#4149 ALUMINUM FIXED PANEL JAMB



#4156 ALUMINUM MOVING PANEL AT JAMB ASTRAGAL



#4153 ALUMINUM FIXED PANEL SILL



#4155 ALUMINUM FIXED PANEL JAMB AT MEETING RAIL

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

Approved as complying with the Florida Building Code  
 Date 02/24/05  
 NOA# 04-1006.02  
 Miami/Dade Product Control  
 Division  
 By *M. Khan*

REVISIONS:	BY:
R1 03/17/2004	D.L.
R2 04/14/2004	LGB

*Farrokh Rasekhi*  
 8/31/04  
 Farrokh Rasekhi, P.E.  
 Consulting Struct. Engineer  
 Structural Design, Inc.  
 FL Registration #38001

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TITLE:  
 TEST #72  
 ALDORA  
 48" X 120"  
 +110/-120 PSF  
 SMALL IMPACT  
 GAMMA'S EXTRUSIONS

SCALE: 6" = 1'-0"	DRAWN BY: L-G. BOUDREAU	
DATE: 03/02/2004	DRAWING NO. T-72	SHEET NO. 8 of 9

License RBQ 1159-5527-22

ITEM	PART #	DESCRIPTION
1	-	9/16" LAMINATED GLASS: - 1/4" CLEAR TEMPERED GLASS - 0.060 PVB (SOLUTIA) - 1/4" CLEAR TEMPERED GLASS
2	-	5/16" TAPCON SCREW - 1 3/4" min. EMBEDMENT
3	-	#8 RH SS SCREW x 2" LONG
4	-	1/4"-20 PH SS SCREW x 1" LONG
5	-	#8 FH SS SCREW x 1/2" LONG
7	-	CONTINUOUS MOHAIR (SCHLEGEL # FS7532-270)
8	#3066	GLAZING GASKET
9	#4119	ALUMINUM MOVING PANEL JAMB AT ASTRAGAL
10	#4139	ALUMINUM FRAME SILL
11	#4140	ALUMINUM FRAME HEAD
12	#4141	ALUMINUM FRAME JAMB
13	#4142	ALUMINUM THRESHOLD FILLING TRACK
14	#4143	ALUMINUM STOPPER (5 1/2" LONG AT MEETING RAIL & 8 13/16" LONG AT ASTRAGAL)
15	#4144	ALUMINUM SNAP-ON CAP
16	#4145	ALUMINUM MOVING PANEL SILL
17	#4146	ALUMINUM PANEL HEAD
18	#4147	ALUMINUM MOVING PANEL JAMB AT MEETING RAIL
19	#4155	ALUMINUM FIXED PANEL JAMB AT MEETING RAIL
20	#4149	ALUMINUM FIXED PANEL JAMB
21	-	PVC SHIM
23	#4156	ALUMINUM MOVING PANEL AT JAMB ASTRAGAL
24	#4153	ALUMINUM FIXED PANEL SILL
25	-	BACKER ROD & SEALANT SPECTREM 3
26	-	SEALANT SPECTREM 3
27	-	CONTINUOUS MOHAIR (SCHLEGEL #FS7550-270)
28	-	PVC BLOCK 3" LONG WITH MOHAIR (AT TOP)
29	-	ALUMINUM HANDLE SET TRUTH #40.62.27.114
30	-	STAINLESS STEEL COVER #502 By Unique
31	-	ROLLER (TRUTH # 39.13.00.202)
32	-	MORTISE (TRUTH # 16139)
33	-	KEEPER (TRUTH # 32429)

Approved as complying with the  
Florida Building Code  
Date 02/24/05  
NOA# 04-1006.02  
Miami Dade Product Control  
Division  
By M. Khaki

REVISIONS:	BY:
R1 03/17/2004	D.L.
R2 04/14/2004	LGB

*Farokh Rasekhi*  
8/31/04  
Farokh Rasekhi, P.E.  
Consulting Struct. Engineer  
Structural Design, Inc.  
FL. Registration #38001

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Phone: (305) 957-7004 Fax: (305) 957-7008  
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Email: tech@gamma-online.com

TITLE:  
TEST #72  
ALDORA  
48" X 120"  
+110/-120 PSF  
SMALL IMPACT  
BILL OF MATERIEL

SCALE: N.T.S.	DRAWN BY: L-G. BOUDREAU	
DATE: 03/02/2004	DRAWING NO. T-72	SHEET NO. 9 of 9