



**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) 372-6339

**NOTICE OF ACCEPTANCE (NOA)**

[www.maimidade.gov/buildingcode](http://www.maimidade.gov/buildingcode)

**Glasswall LLC**  
**3550 NW 49<sup>th</sup> Street**  
**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 the High Velocity Hurricane Zone.

**DESCRIPTION: Series 100 Aluminum Sliding Glass Door – S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **00-249 A**, titled “Series 100 Aluminum Sliding Glass Door – Small Missile”, sheets 1 through 7 of 7, dated 10/16/02 with revision #1 dated 9/24/08, prepared by manufacturer, signed and sealed by Kelvyn A. Whitfield, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Small 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 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 **revises and renews** NOA # **02-1028.07** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No. 08-0925.07**  
**Expiration Date: October 25, 2011**  
**Approval Date: October 30, 2008**  
**Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **00-249 A**, Sheets 1 through 7 of 7, titled "Series 100 Aluminum Sliding Glass Door Small Missile", dated 10/16/02 with revision #1 dated 9/24/08, prepared by manufacturer, signed and sealed by Kelvyn A. Whitfield, P.E.

**B. TESTS**

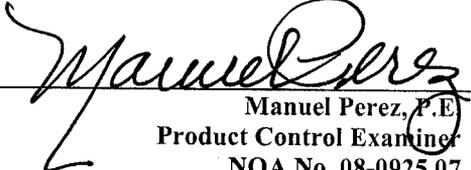
1. Test reports on:
  - 1) Air Infiltration Test, per SFBC, PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
  - 3) Water Resistance Test, per SFBC, PA 202-94
  - 4) Small Missile Impact Test per SFBC, PA 201-94
  - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
  - 6) Forced Entry Test, per AAMA 1303.5 and PA 202-94along with marked-up drawings and installation diagram of 1 specimen of a series 100 aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3347**, dated February 5, 2002, signed and sealed by Luis A. Figueredo, P.E. *(Submitted under previous approval 02-1028.07)*
2. Test reports on:
  - 1) Air Infiltration Test, per SFBC, PA 202-94
  - 2) Uniform Structural load Test, Loading per SFBC, PA 202-94
  - 3) Water Resistance Test, per SFBC, PA 202-94
  - 4) Large Missile Impact Test per SFBC, PA 201-94
  - 5) Small Missile Impact Test per SFBC, PA 201-94
  - 6) Cyclic Wind Pressure Loading per SFBC, PA 203-94along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Construction Testing Corporation, Test Report No. **CTC-01-002**, dated March 19, 2001, signed and sealed by Yamil G. Kuri, P.E., and additional information describing tests sequence, provided by Construction Testing Corporation and dated 9/6/01. *(Submitted under previous approval 01-0402.03)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, dated 09/23/08, prepared, signed and sealed by Kelvyn A. Whitfield, P.E. **Complies with ASTM E1300-98/02**

**D. QUALITY ASSURANCE**

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

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 08-0925.07

Expiration Date: October 25, 2011  
Approval Date: October 30, 2008

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**E. MATERIAL CERTIFICATIONS**

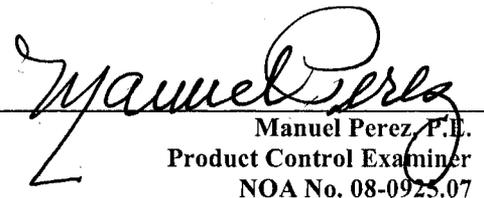
1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their “**Saflex III G Clear or colored interlayer**” dated May 04, 2006, expiring on May 21, 2011.

**F. STATEMENTS**

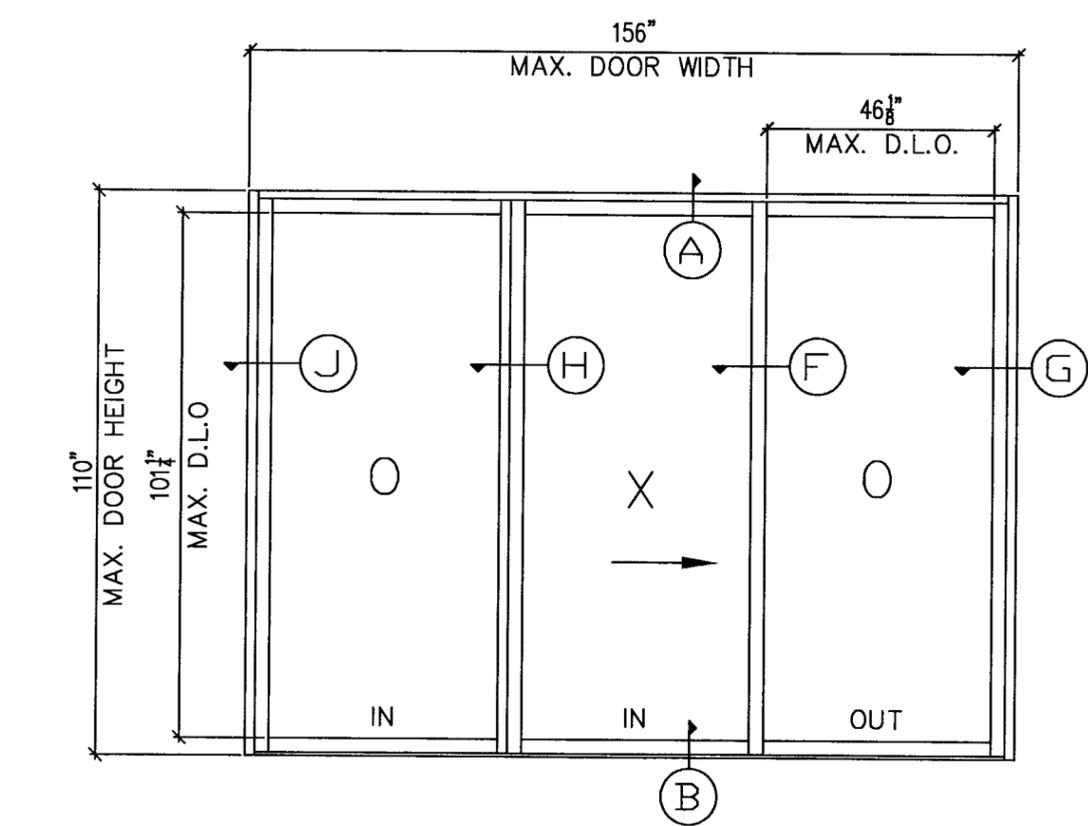
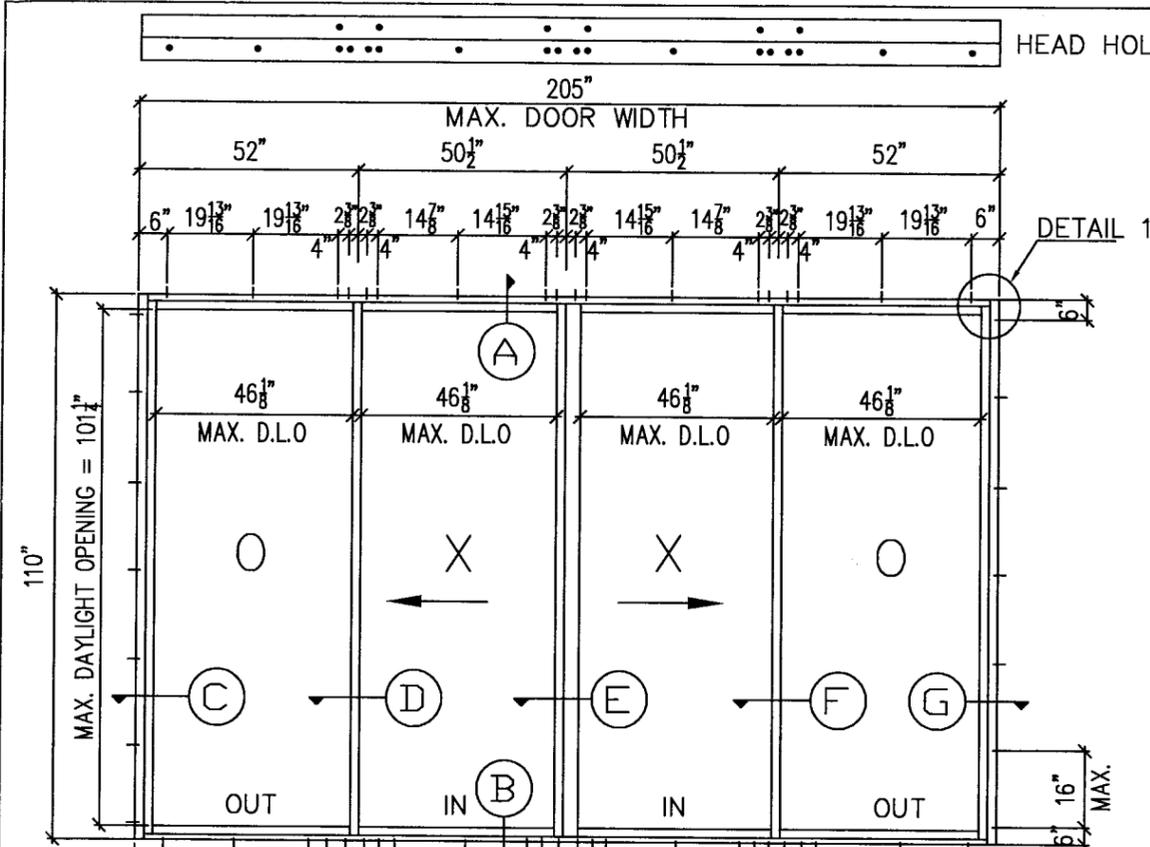
1. Statement letter of conformance, dated September 23, 2008, signed and sealed by Kelvyn A. Whitfield, P.E.
2. Statement letter of no financial interest, dated February 11, 2002, signed and sealed by Kelvyn A. Whitfield, P.E.
3. Laboratory compliance letter for Test Report no. **FTL- 3347**, issued by Fenestration Testing Laboratory, Inc., dated February 20, 2002, signed and sealed by Luis A. Figueredo, P.E.

**G. OTHER**

1. Notice of Acceptance No. **02-1028.07**, issued to Glasswall and Doors, Inc. for their Series 100 Aluminum Sliding Glass Door – Small Missile Impact, approved on 01/09/03 and expiring on 10/25/06.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 08-0925.07

Expiration Date: October 25, 2011  
Approval Date: October 30, 2008

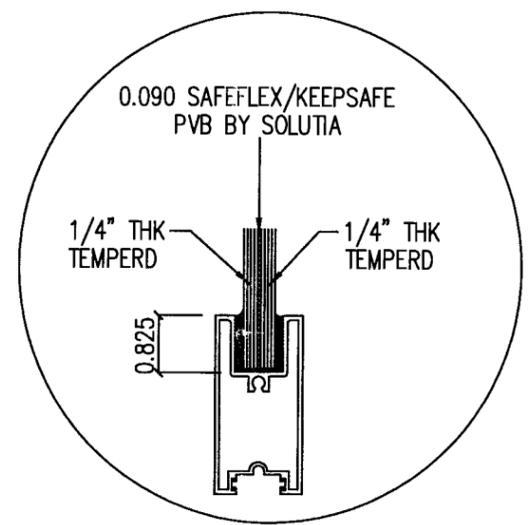


HEAD HOLE PATTERN

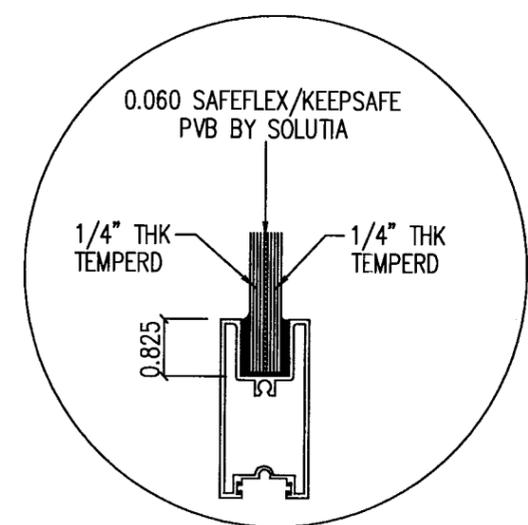
GLASSWALL: SERIES 100 SLIDING GLASS DOOR. BASED ON CONSTRUCTION TESTING CORPORATION No. 01-001.

NOTES

1. THIS SLIDING GLASS DOOR SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2007 EDITION OF THE FLORIDA BUILDING CODE CHAPTER 4, CHAPTER 16 and 24, CHAPTER 35, UNDER THE SPECIFIC CONDITION SHOWN ON THIS DRAWING.
2. ALL EXTRUSIONS ARE ALUMINUM, 6005-T5 ALLOY, WITH A MINIMUM F<sub>y</sub> OF 35,000 P.S.I. U.O.N.
3. SMALL MISSILE IMPACT: INSTALLATION UP TO 30FT ABOVE GRADE WILL REQUIRE A HURRICANE PROTECTION SYSTEM, BUT FOR INSTALLATION ABOVE 30FT ABOVE GRADE WILL NOT REQUIRE A HURRICANE PROTECTION SYSTEM.
4. ALL ANCHORS ARE 5/16" TAPCON WITH 1 3/4" MIN. EMBEDMENT INTO CONCRETE BLOCK OR BETTER.
5. ALL ANCHOR SPACINGS ARE MAXIMUM DIMENSION AND TYPICAL FOR ALL CONFIGURATIONS.



SMALL MISSILE GLAZING DETAIL  
.562 LAMINATED GLASS  
OPTION # 1



SMALL MISSILE GLAZING DETAIL  
.532 LAMINATED GLASS  
OPTION # 2

Design Load Capacity (P. S. F.)	
Positive	Negative
110	110

SMALL MISSILE

KELVYN A. WHITFIELD  
MECHANICAL ENGINEER  
1002 N.E 116 ST- MIAMI FL. 33161  
TEL. (305) 659 1230  
FAX. (305) 895 9976

GLASSWALL  
3550 N.W. 49 St  
MIAMI, FL. 33142  
PHONE: (305) 638-5151

SERIES: 100 ALUMINUM SLIDING GLASS DOOR SMALL MISSILE

DWG. NO.: 00-249 A

REVISIONS DESCRIPTION

NO.	DATE	DESCRIPTION
1	9/24/08	GENERAL REVISION

DATE: 10/16/02  
SCALE:  
DWG. BY: L.C  
SHEET 1 OF 7

APPLICATION REVISION TO  
NOA # 01-0402-03

*[Signature]*  
9/23/8

PRODUCT REVISION  
in compliance with the Florida Building Code  
Application No. 08-0925.07  
Expiration Date OCT. 25, 2011  
*[Signature]*  
Miami-Dade County, Florida

KELVYN A. WHITFIELD

MECHANICAL ENGINEER

1002 N.E 116 ST- MIAMI FL. 33161  
TEL. (305) 859 1230  
FAX. (305) 895 9976

GLASSWALL

3550 N.W. 49 St  
MIAMI, FL. 33142  
PHONE: (305) 638-5151

SERIES: 100 ALUMINUM  
SLIDING GLASS DOOR  
SMALL MISSILE

DWG. NO.: 00-249 A

REVISIONS DESCRIPTION

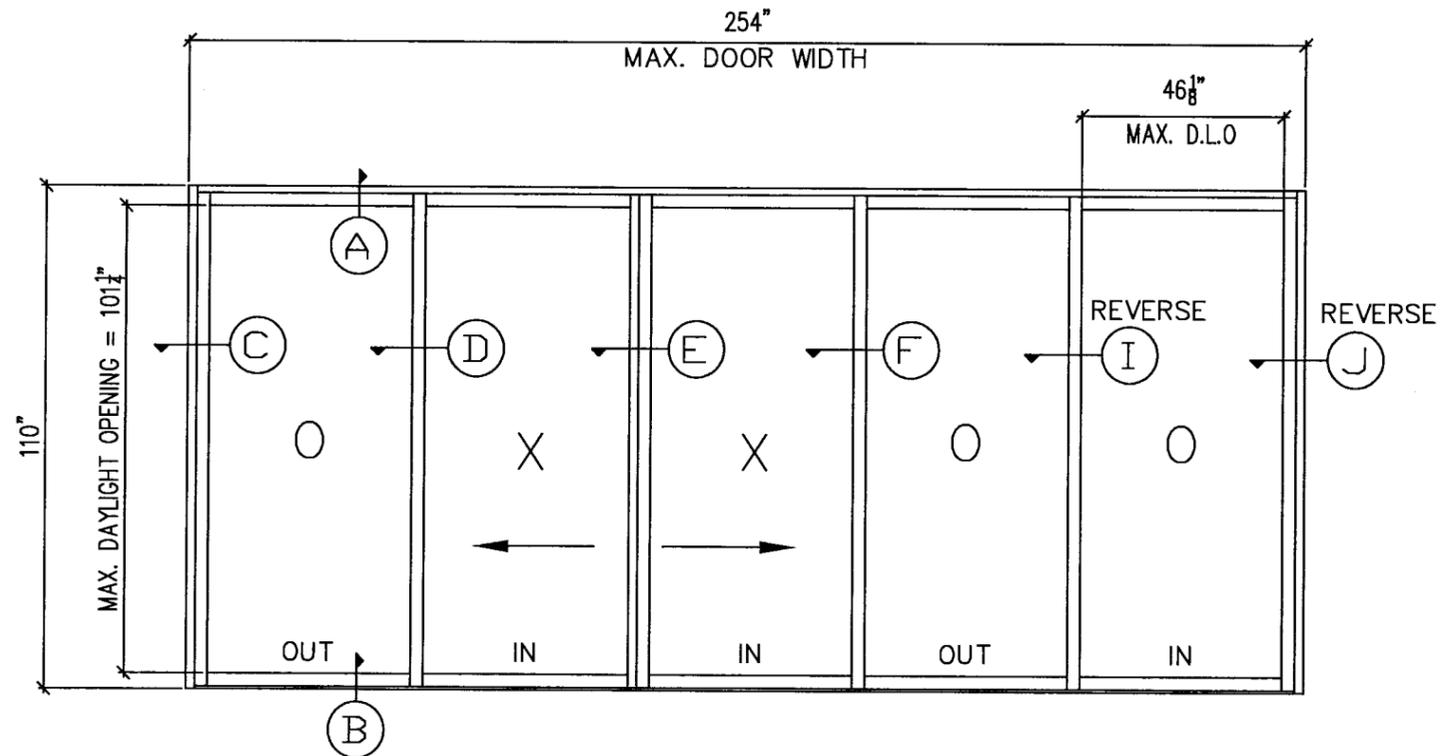
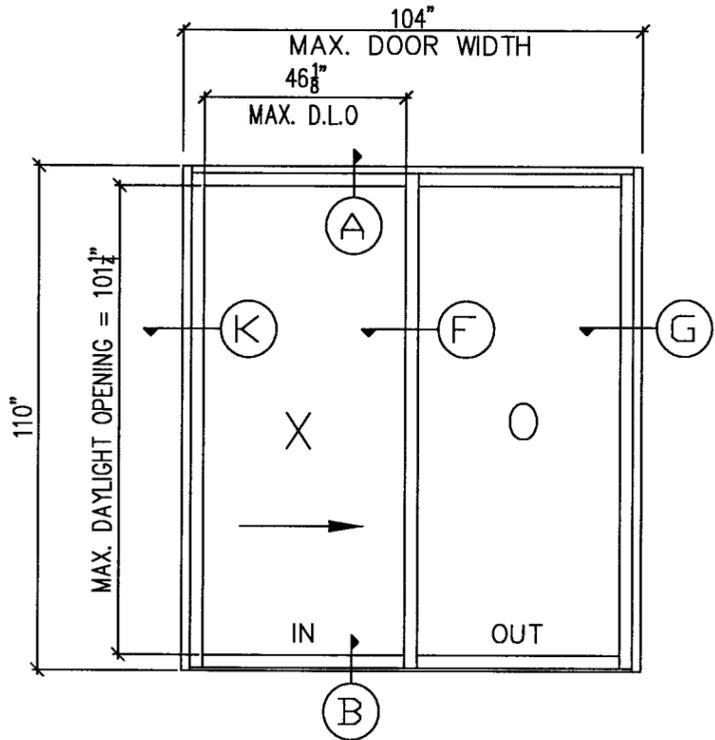
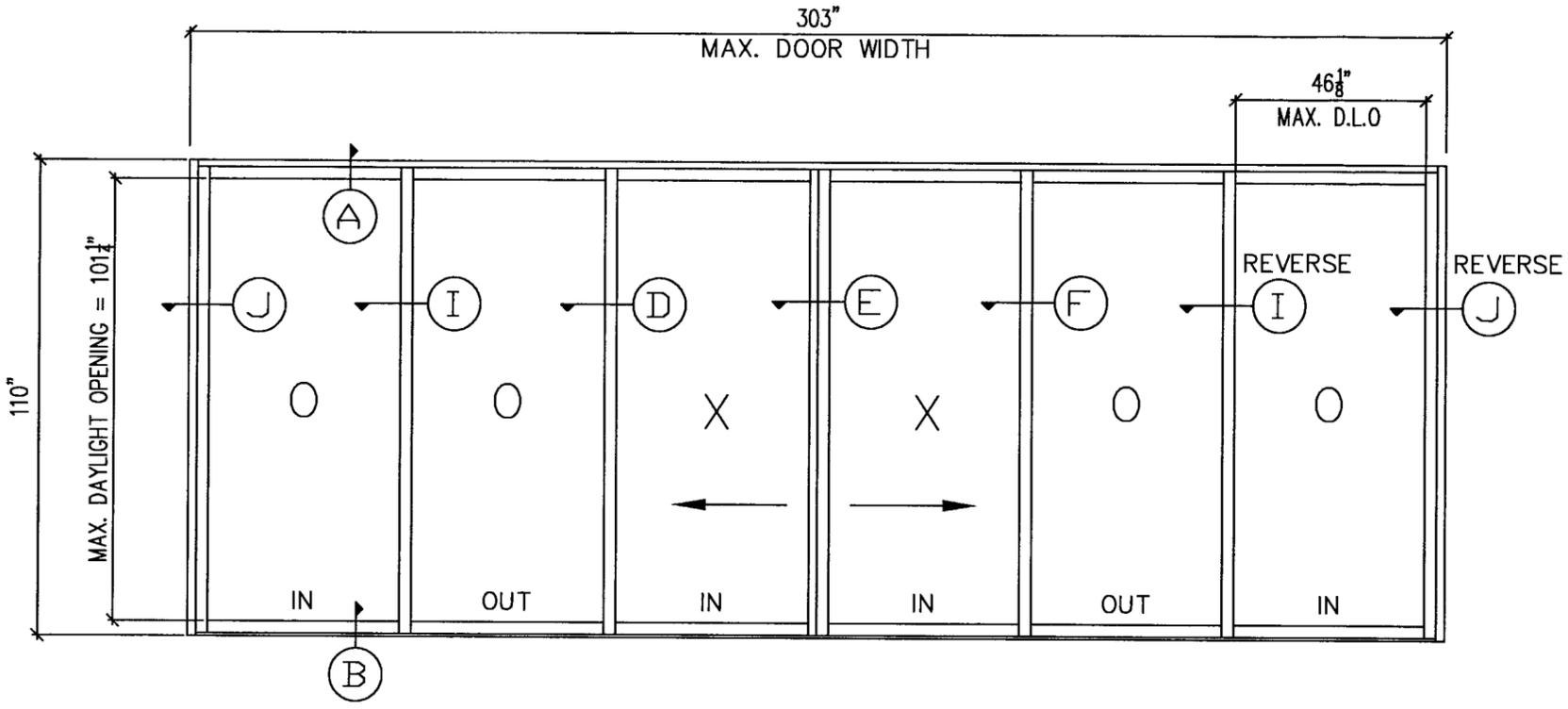
NO.	DATE	DESCRIPTION
1	9/24/08	GENERAL REVISION

DATE: 10/16/02  
SCALE:  
DWG. BY: L.O  
SHEET 2 OF 7

APPLICATION REVISION TO  
NOA # 01-6402-03

*Whitfield*  
9/23/8

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Approval No. 08-0925.07  
Effective Date OCT. 25, 2011  
By *Manuel Perez*  
Miami Hurricane Product Control  
Division



SMALL MISSILE

KELVYN A. WHITFIELD

MECHANICAL ENGINEER  
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TEL. (305) 659 1230  
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**GLASSWALL**

3550 N.W. 49 St  
MIAMI, FL. 33142  
PHONE: (305) 638-5151

SERIES: 100 ALUMINUM  
SLIDING GLASS DOOR  
SMALL MISSILE

DWG. NO.: 00-249 A

**REVISIONS DESCRIPTION**

NO.	DATE	DESCRIPTION
1	9/24/08	GENERAL REVISION

DATE: 10/16/02

SCALE: N.T.S.

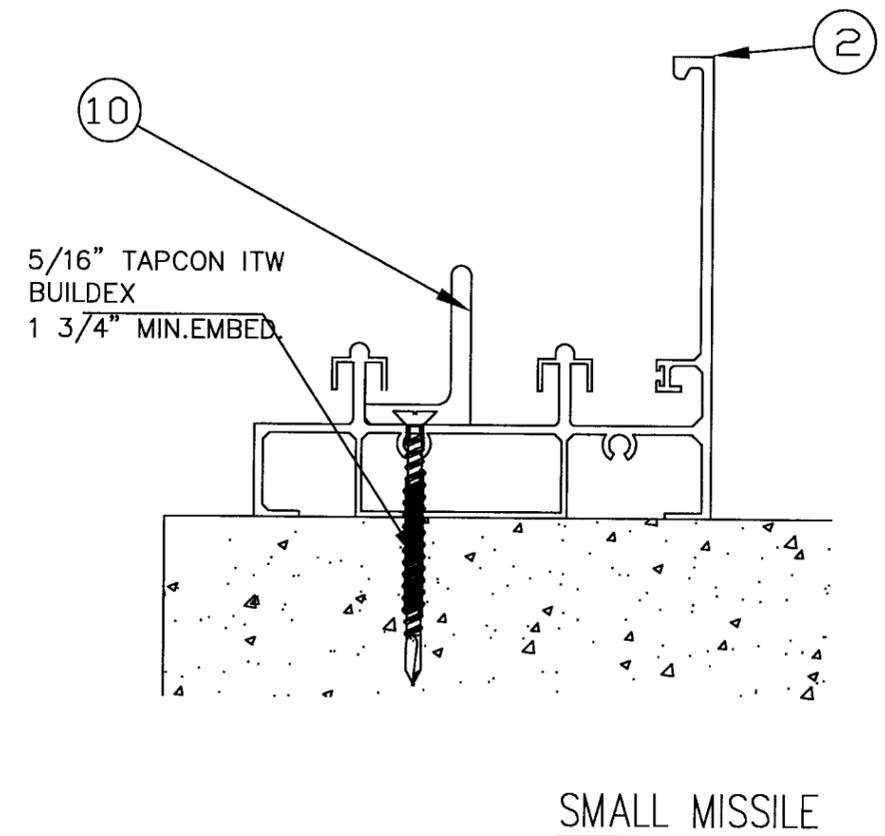
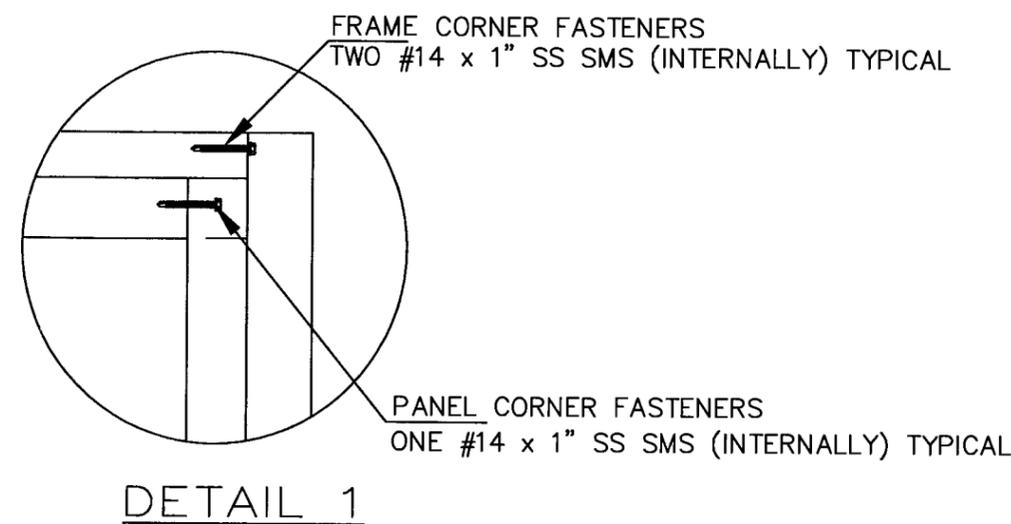
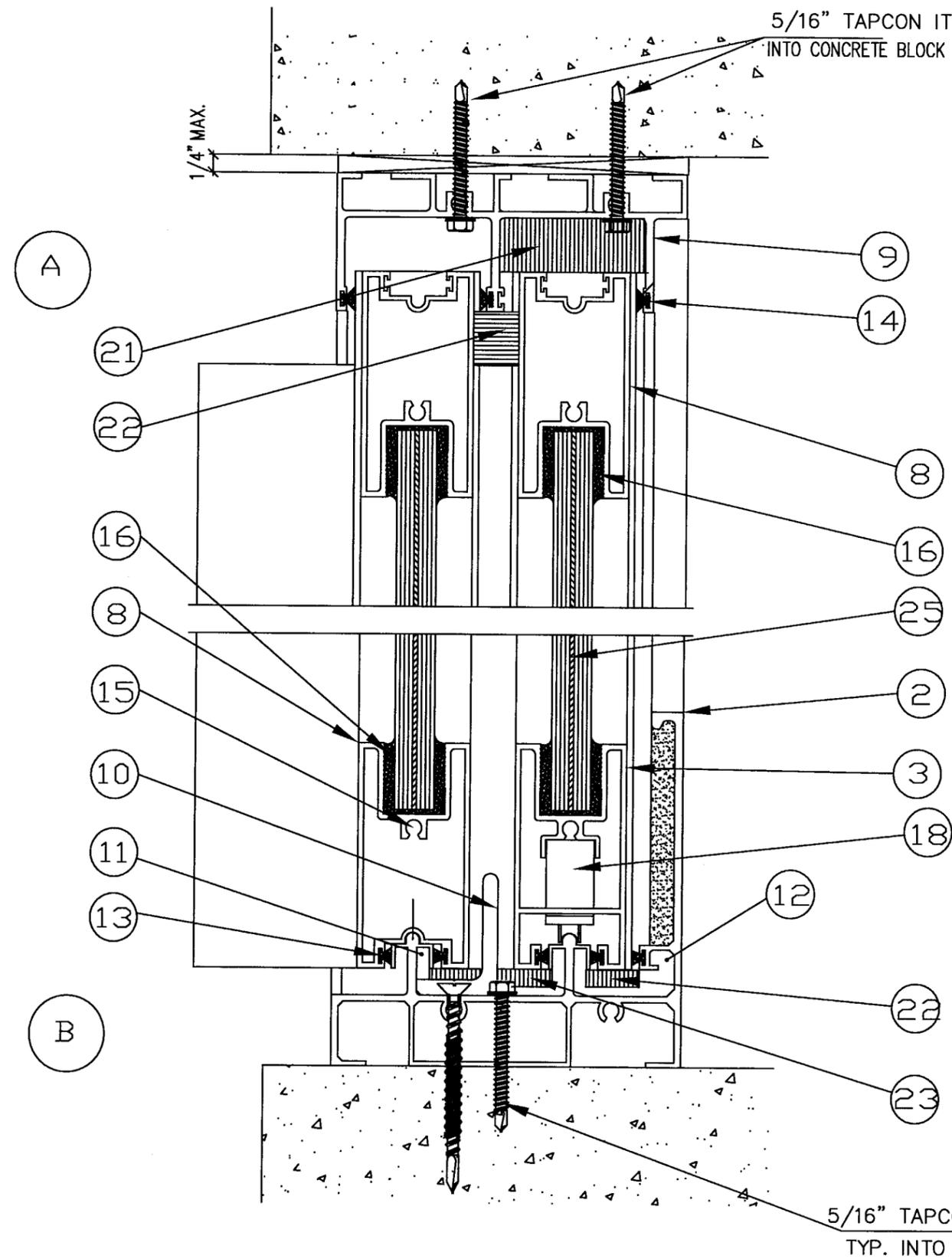
DWG. BY: L.O

SHEET 3 OF 7

APPLICATION REVISION TO  
NOA # 01-0402-03

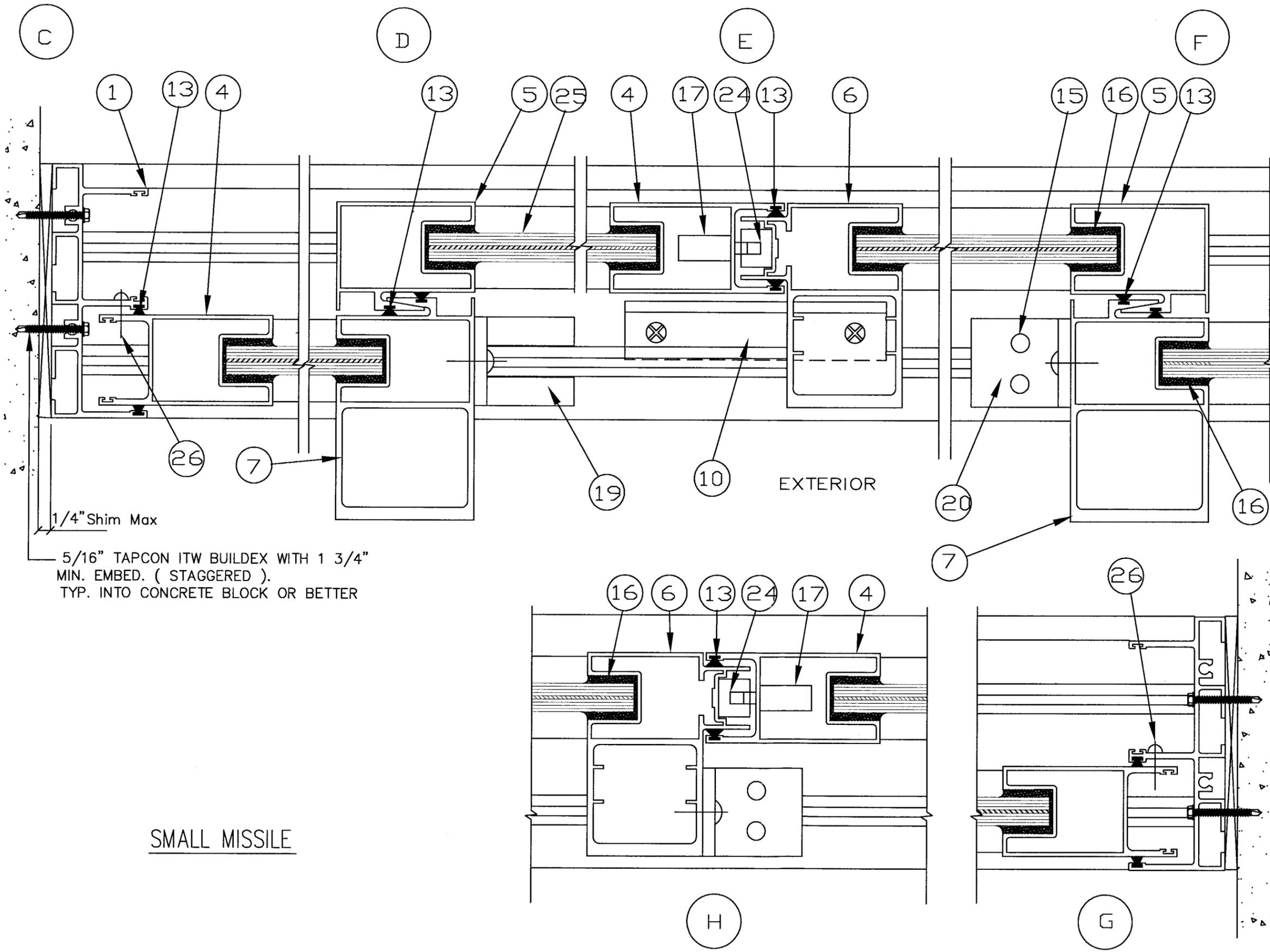
*Whitfield*  
10/8/08

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 08-0925.07  
Expiration Date OCT. 25, 2011  
By *Manuel Lopez*  
Miami Code Product Control  
Division



SMALL MISSILE

5/16" TAPCON ITW BUILDDEX WITH 1 3/4" MIN. EMBED.  
TYP. INTO CONCRETE BLOCK OR BETTER



1/4" Shim Max  
 5/16" TAPCON ITW BUILDDEX WITH 1 3/4"  
 MIN. EMBED. ( STAGGERED ).  
 TYP. INTO CONCRETE BLOCK OR BETTER

SMALL MISSILE

KELVYN A. WHITFIELD  
 MECHANICAL ENGINEER  
 1002 N.E 116 ST- MIAMI FL. 33161  
 TEL. (305) 659 1230  
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GLASSWALL  
 3550 N.W. 49 St  
 MIAMI, FL. 33142  
 PHONE: (305) 638-5151

SERIES: 100 ALUMINUM  
 SLIDING GLASS DOOR  
 SMALL MISSILE

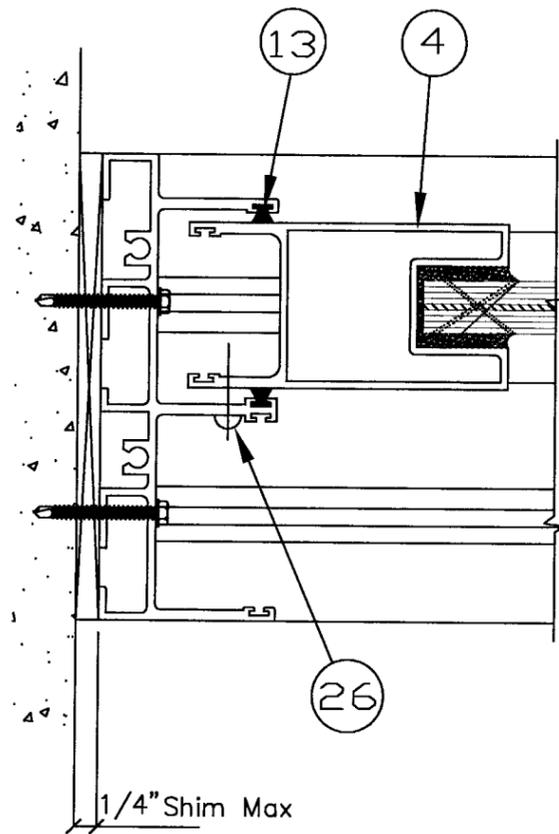
DWG. NO.: 00-249 A

REVISIONS DESCRIPTION		
NO.	DATE	
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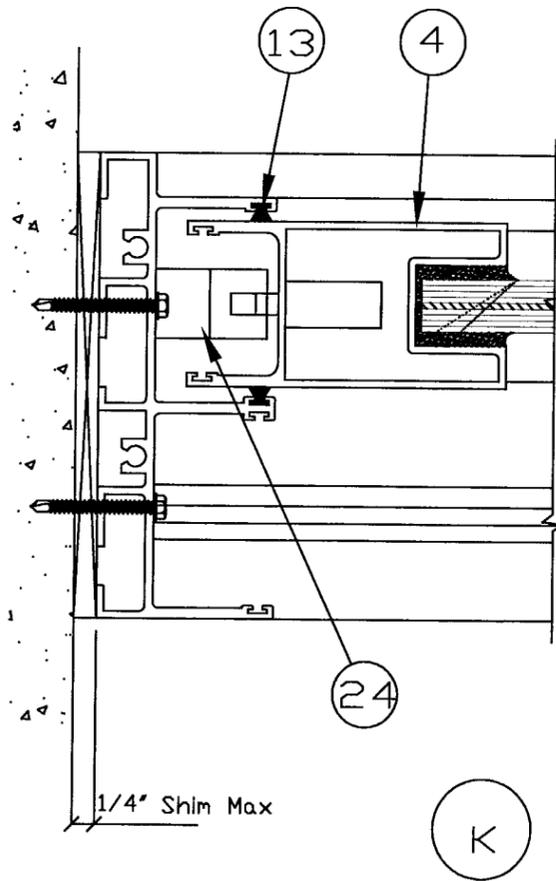
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 SCALE: N.T.S.  
 DWG. BY: L.O  
 SHEET 4 OF 7

APPLICATION REVISION TO  
 NOA # 01-0402-03  
*[Signature]*  
 9/23/08

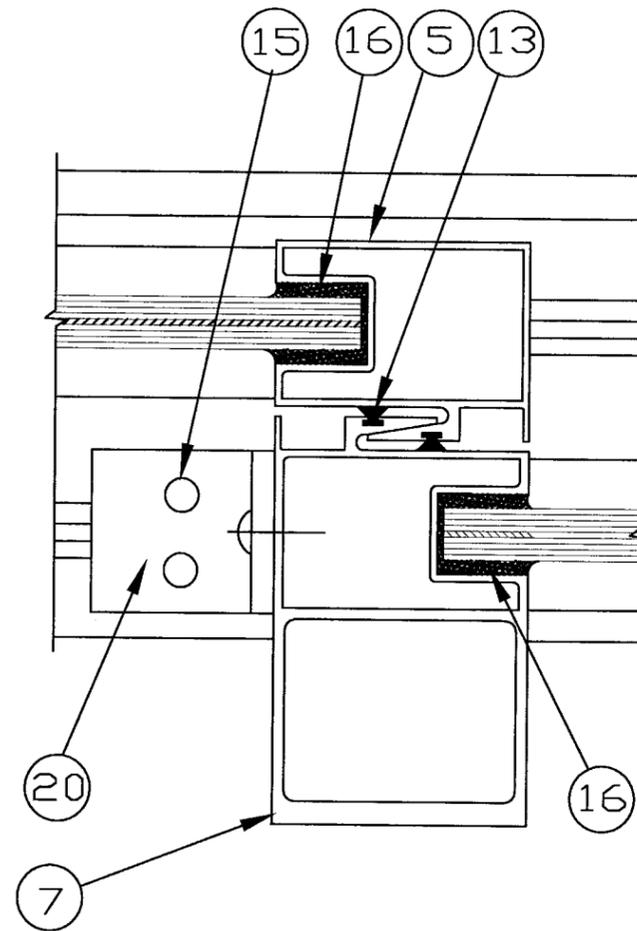
PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 08-0925.07  
 Expiration Date OCT. 25, 2011  
 By *[Signature]*  
 Miami Code Product Control  
 Division



(J)



(K)



(I)

FIXED

SMALL MISSILE

KELVYN A. WHITFIELD

MECHANICAL ENGINEER  
1002 N.E 116 ST- MIAMI FL. 33161  
TEL. (305) 659 1230  
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GLASSWALL

3550 N.W. 49 St  
MIAMI, FL. 33142  
PHONE: (305) 638-5151

SERIES: 100 ALUMINUM  
SLIDING GLASS DOOR  
SMALL MISSILE

DWG. NO.: 00-249 A

REVISIONS DESCRIPTION

NO.	DATE	DESCRIPTION
1	9/24/08	GENERAL REVISION

DATE: 10/16/02

SCALE: N.T.S.

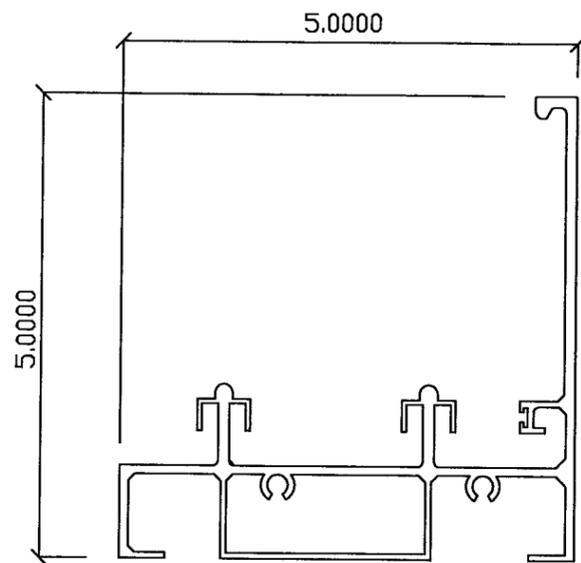
DWG. BY: L.O

SHEET 5 OF 7

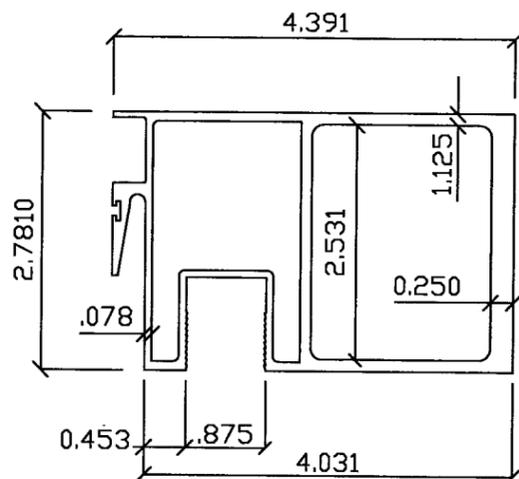
APPLICATION REVISION TO  
NOA # 01-0408-03

*Whitfield*  
9/23/08

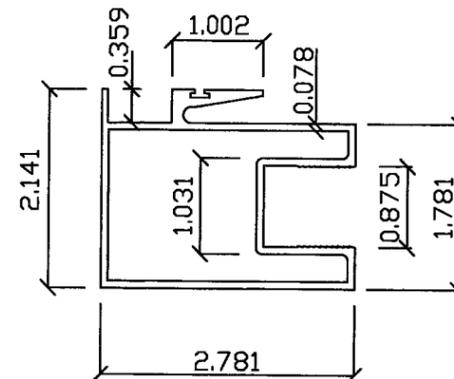
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 08-0925.07  
Expiration Date Oct. 25, 2011  
By *Maurice Perez*  
Miami Trade Product Control  
Division



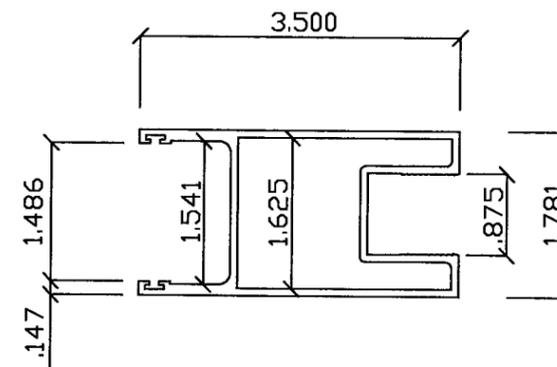
② Sill # 100-002-A  
Material: Aluminum  
HALF SCALE



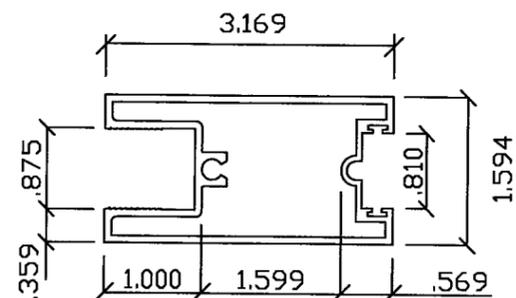
⑦ Heavy Interlock # 100-007  
HALF SCALE



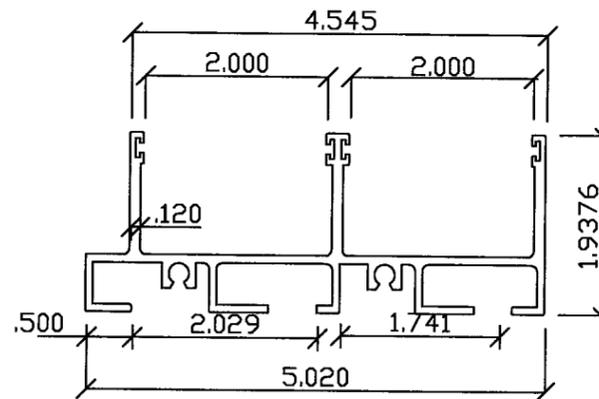
⑤ Interlock # 100-005  
HALF SCALE



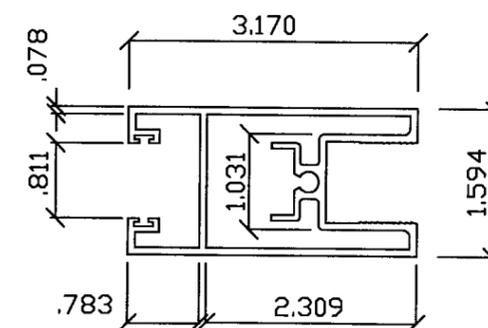
④ Fixed & Lock Stile # 100-004  
HALF SCALE



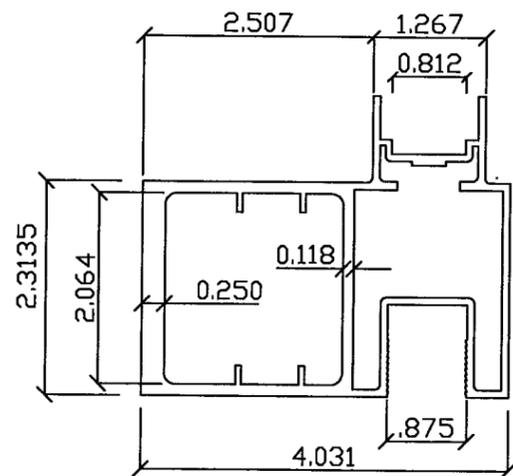
⑧ Fixed Bottom # 100-008  
HALF SCALE



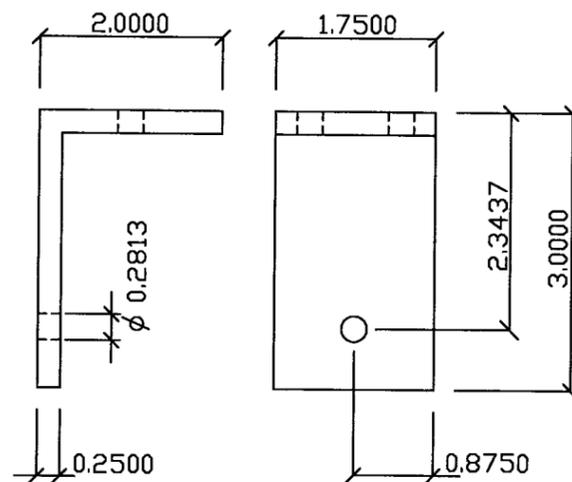
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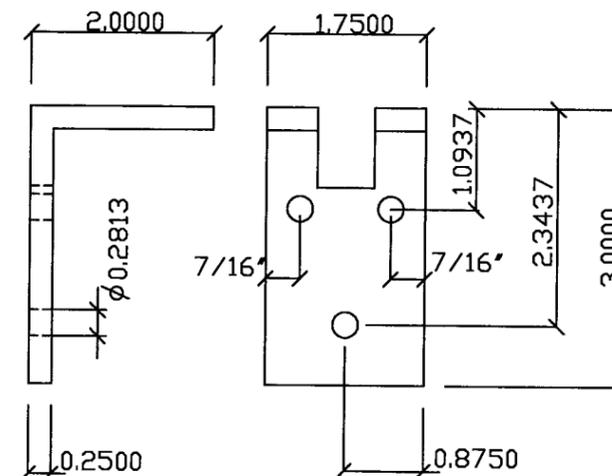
③ Bottom Moving Panel # 100-003  
HALF SCALE



⑥ Astragal # 100-006  
HALF SCALE



⑳ AB-2 Aluminum Angle Top 6063-T6  
HALF SCALE



⑲ AB-1 Aluminum Angle Bottom 6063-T6  
HALF SCALE

KELVYN A. WHITFIELD

MECHANICAL ENGINEER  
1002 N.E 116 ST- MIAMI FL. 33161  
TEL. (305) 659 1230  
FAX. (305) 895 9976

GLASSWALL

3550 N.W. 49 St  
MIAMI, FL. 33142  
PHONE: (305) 638-5151

SERIES: 100 ALUMINUM  
SLIDING GLASS DOOR  
SMALL MISSILE

DWG. NO.: 00-249 A

REVISIONS DESCRIPTION

NO.	DATE	DESCRIPTION
1	9/24/08	GENERAL REVISION

DATE: 10/16/02

SCALE: N.T.S.

DWG. BY: L.O

SHEET 6 OF 7

APPLICATION REVISION TO  
NOA # 01-0402-03

*[Signature]*  
9/23/08

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 08-0925.07  
Expiration Date Oct. 25, 2011  
By *[Signature]*  
Miami-Dade Product Control  
Division

KELVYN A. WHITFIELD

MECHANICAL ENGINEER

1002 N.E 116 ST- MIAMI FL. 33181  
 TEL (305) 659 1230  
 FAX (305) 895 9978

GLASSWALL

3945 N.W. 32 AVE  
 MIAMI, FL. 33142  
 PHONE: (305) 638-5151

SERIES: 100 ALUMINUM  
 SLIDING GLASS DOOR  
 SMALL MISSILE

DWG. NO.: 00-249 A

REVISIONS DESCRIPTION

NO.	DATE	DESCRIPTION
1	9/24/08	GENERAL REVISION

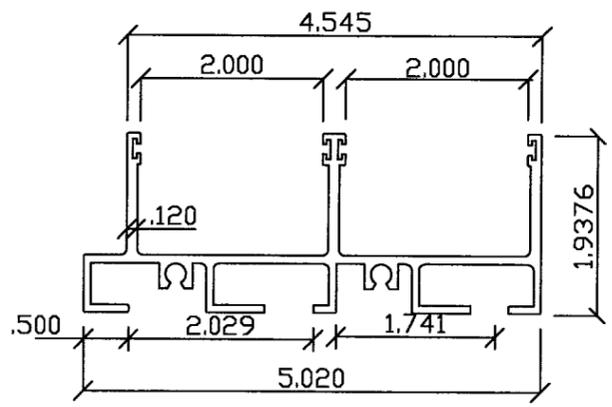
DATE: 10/16/02  
 SCALE:  
 DWG. BY: L.O  
 SHEET 7 OF 7

APPLICATION REVISION TO  
 NOA # 01-0402-03

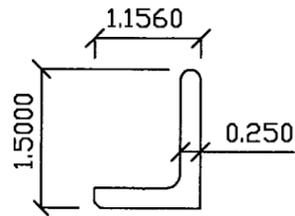
*[Signature]*  
 9/23/8'

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 08-0925.07  
 Origination Date: Oct. 25, 2011  
 By: *[Signature]*  
 Miami-Dade Product Control  
 Division

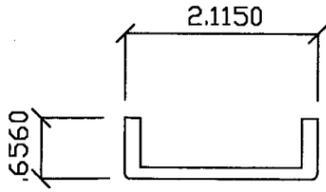
Item Number	Part Number	Part Name	Req/d Qty	Remarks
1	100-001	Jamb	2	Frame
2	100-002	Sill	1	Frame
3	100-003	Bottom moving panel	2	Panel
4	100-004	Fixed & Lock Stile	3	Panel
5	100-005	Interlock	2	Panel
6	100-006	Astragal	1	Panel
7	100-007	Heavy Interlock	2	Panel
8	100-008	Fix & Mov Top & Bot Fix	6	Panel
9	100-001	Head	1	Frame
10	100-012	Hurricane Clip	1	Only at OXXO (5 1/4" Long), OXX00, O0XX00 attached to frame sill using two 1/4 Kwik-con.
11	100-013	Sill Chanel clip I	2	Frame
12	100-014	Sill Chanel clip II	3	Frame
13	568-61279	Fin Seal .270HT		Part #568-61279 - 00914-18701 Prototype Plastics
14	568-62379	Fin Seal .370HT		Part #568-62379 - 00914-18701 Prototype Plastics
15		Screw	6	# 14 x 1" SMS Stainless Steel frame & panel assembly
16	7P-687	Chanel glazed		Chanel glazed using a flexible vinyl glazing gasket
17	D-60C	Lock	1	Door & Window Hardware 3 Point Mortise Hook Lock
18	AR-50A	Wheel, SS	4/Panel	D & W Hardware (Attached with 2 #10 x 1/2" PH-PH-SMS-S/S
19	AB-1	Aluminum Angle Bot	2	Door & Window Hardware
20	AB-2	Aluminum Angle Top	2	Door & Window Hardware
21	P1000AFK(PC)2	Pad		Ultrafab
22	P6309AFK(PC).75	Pad		Ultrafab
23	P5009AFK(PC)1.75	Pad		Ultrafab
24	KP-60	Keeper	1	Door & Window Hardware
25		Glazing		9/16" Overall Lamin. glass 1/4 Temp./0.060" and 0.090" Interl. Saflex/Keepsafe by Solutia/1/4" Temp.
26		Tie down	1	#10 x 3/4" LG. PH-PH SMS S-S (Only at bottom fixed panel)



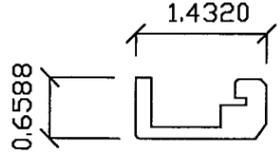
⑨ Head # 100-001-A  
 HALF SCALE



⑩ Hurricane Clip # 100-012  
 HALF SCALE



⑪ Sill Chanel Clip # 100-013  
 HALF SCALE



⑫ Sill Chanel Clip II # 100-014  
 HALF SCALE