



**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)

**Glasswall and Doors, Inc.
3945 NW 32 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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series 100 Aluminum Sliding Glass Door – Small Missile Impact

APPROVAL DOCUMENT: Drawing No. **00-249A**, dated 10/16/02, titled "Series: 100 Aluminum Sliding Glass Door Small Missile", sheets 1 through 7, prepared by Kelvyn A. Whitfield, Mechanical Engineer, 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 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** NOA # **02-0429.05** and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 02-1028.07
Expiration Date: October 25, 2006
Approval Date: January 9, 2003
Page 1**

Glasswall and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **00-249A**, dated 10/16/02, titled "Series: 100 Aluminum Sliding Glass Door Small Missile", sheets 1 through 7, prepared by Kelvyn A. Whitfield, Mechanical Engineer.

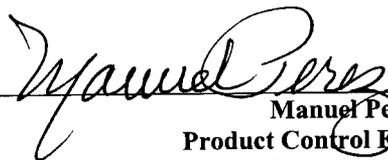
B. TESTS

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 202-94

along 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 to qualify the laminated glass option with 0.060" laminate Saflex/Keepsafe Maximum by Solutia*)

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 203-94

Along 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*)



Manuel Perez, P.E.
Product Control Examiner
NOA No 02-1028.07
Expiration Date: October 25, 2006
Approval Date: January 9, 2003

Glasswall and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

C. CALCULATIONS

1. Anchor Calculations and structural analysis, dated 2/11/02, revised on 6/21/02, prepared by Kelvyn A. Whitfield, Mechanical Engineer, signed and sealed by Kelvyn A. Whitfield, P.E. (*Submitted under previous approval 01-0402.03*)

D. MATERIAL CERTIFICATIONS

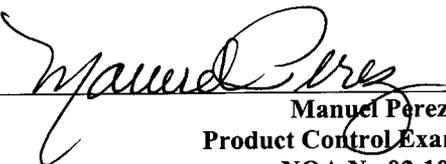
1. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for their "Saflex /Keepsafe Maximum" dated 05/17/01, expiring on 05/21/06.

E. STATEMENTS (*Submitted under previous approval 01-0402.03*)

1. Statement letter of conformance, dated February 11, 2002, 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.
4. Letter of *Adoption of as his Own, the Work of Another Engineer* per Section 61G15-27 of the FBPE, dated June 21st, 2002 signed and sealed by Kelvyn A. Whitfield, P.E.

F. OTHER

1. Notice of Acceptance No. **02-0429.05**, issued to Glasswall and Doors, Inc. for their Series 100 Aluminum Sliding Glass Door – Small Missile Impact, approved on 08/26/02 and expiring on 10/26/06.
2. Notice of Acceptance No. **01-0402.03**, issued to Glasswall and Doors, Inc. for their Series 100 Aluminum Sliding Glass Door – Impact, approved on 10/25/01 and expiring on 10/25/06.


Manuel Perez, P.E.

Product Control Examiner
NOA No 02-1028.07

Expiration Date: October 25, 2006

Approval Date: January 9, 2003

KELVYN A. WHITFIELD

MECHANICAL ENGINEER

1002 N.E 116 ST- MIAMI FL. 33161

TEL. (305) 659 1230

FAX. (305) 896 9978

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

DATE: 10/16/02

SCALE:

DWG. BY: L.O

SHEET 1 OF 7

APPLICATION REVISION TO
NOA # 01-0402-03

Approved as complying with the
Florida Building Code

Date JAN. 9, 2003

NOA# 02-1028.07

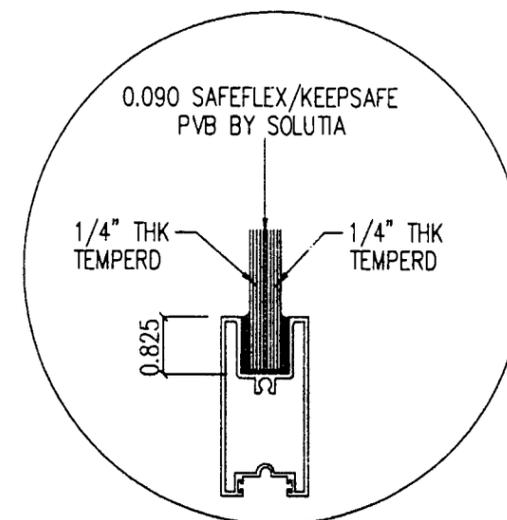
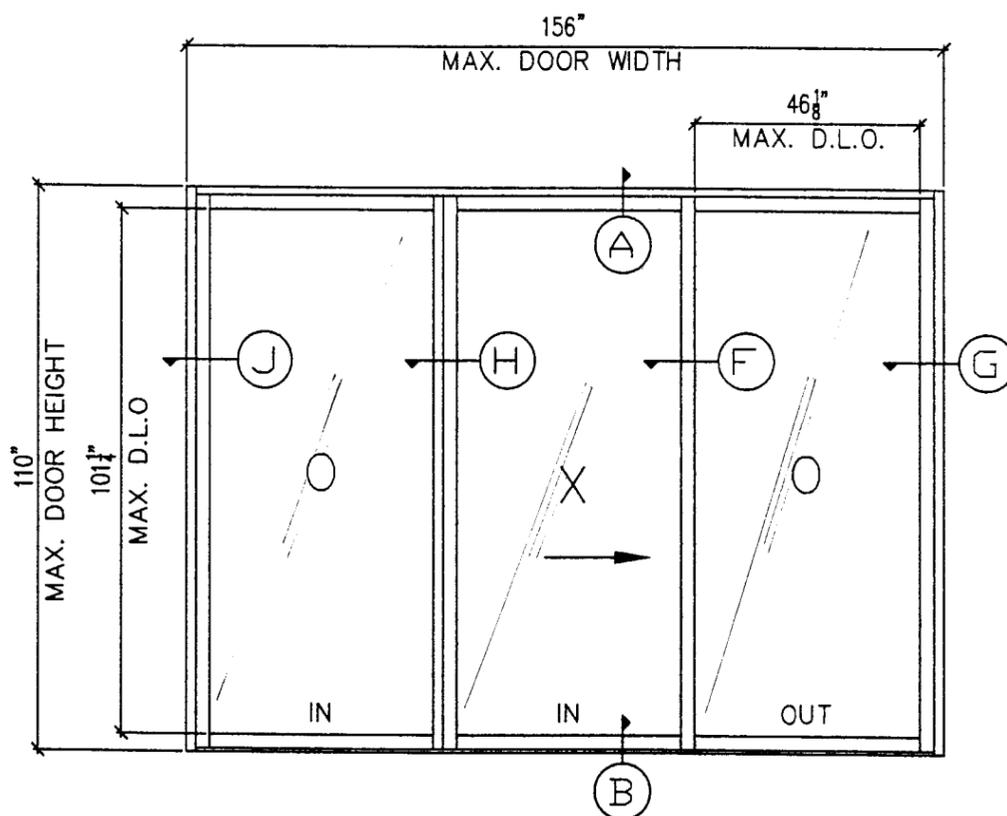
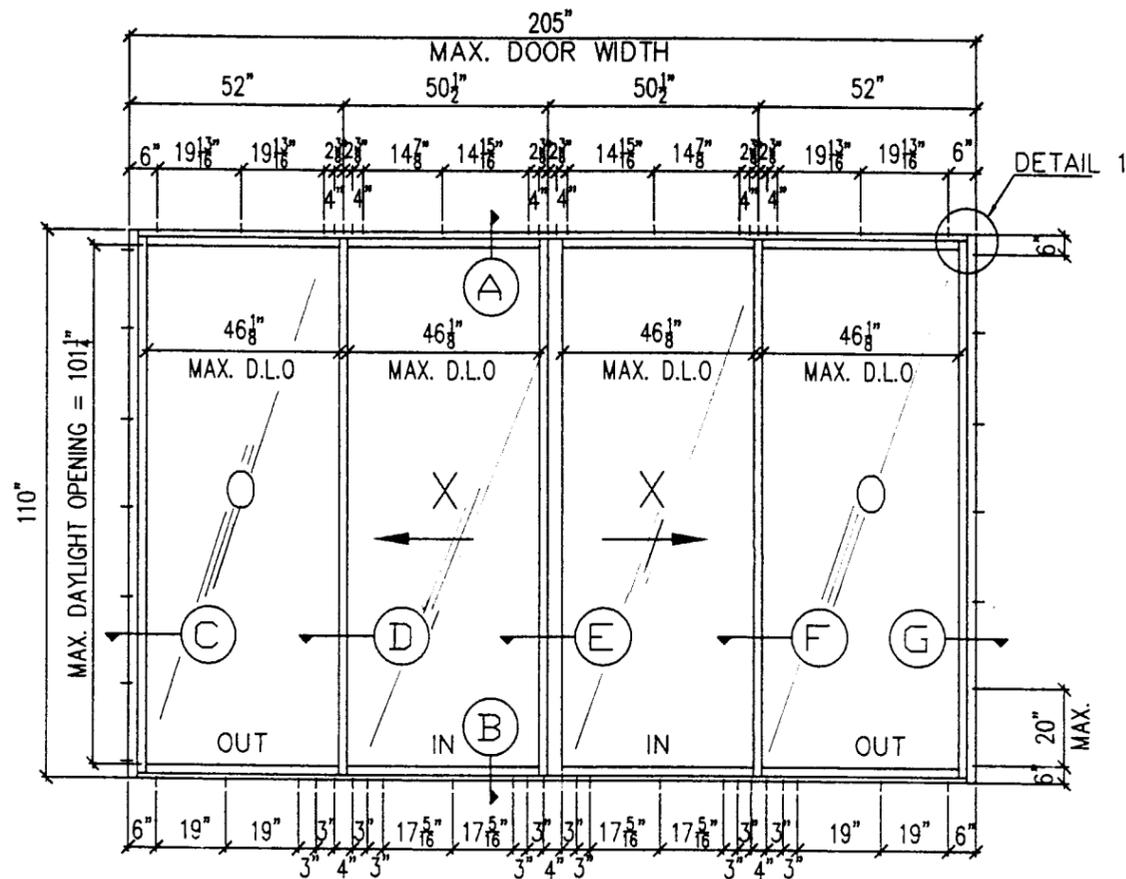
Miami Dade Product Control
Division

By Mauricio Perez

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

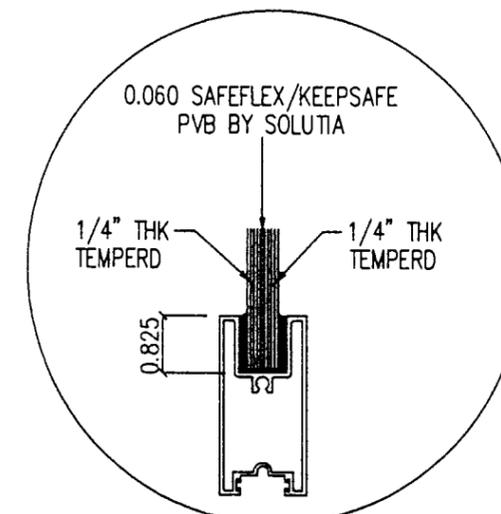
NOTES

1. THIS SLIDING GLASS DOOR SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 1994 DADE COUNTY EDITION OF THE SOUTH FLORIDA BUILDING CODE (S.F.B.C.) CHAPTER 4, CHAPTER 23, CHAPTER 35, UNDER THE SPECIFIC CONDITION SHOWN ON THIS DRAWING.
2. ALL EXTRUSIONS ARE ALUMINUM, 6005-T5 ALLOY, WITH A MINIMUM F_y 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 1/4" 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

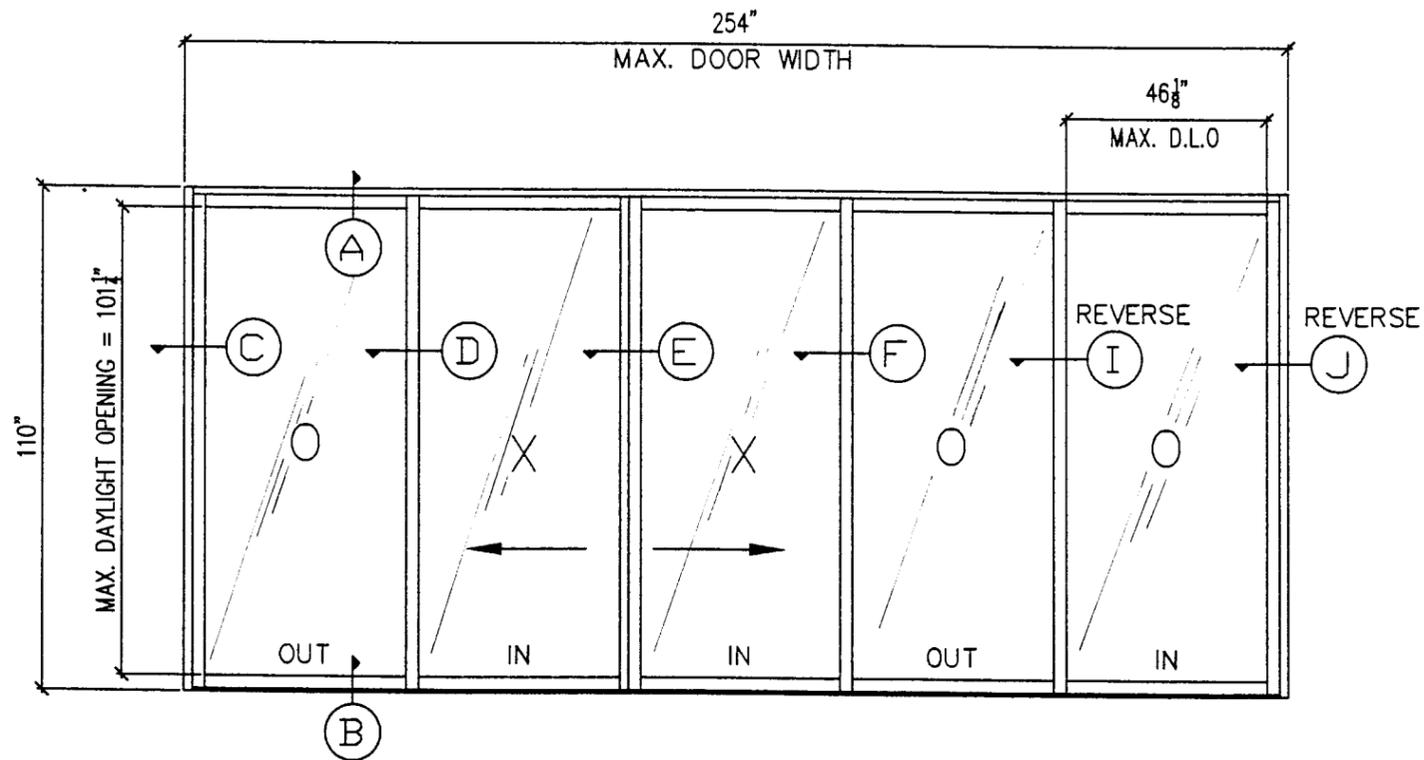
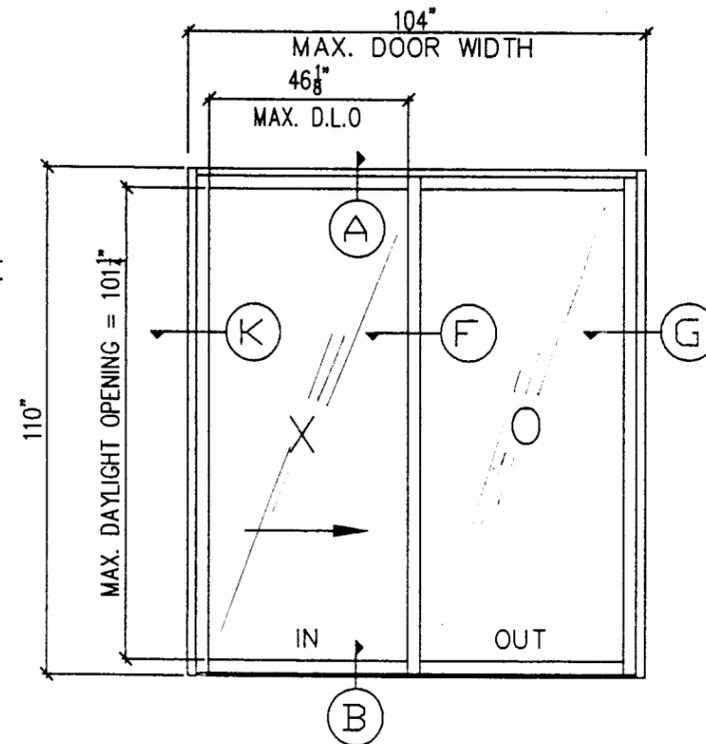
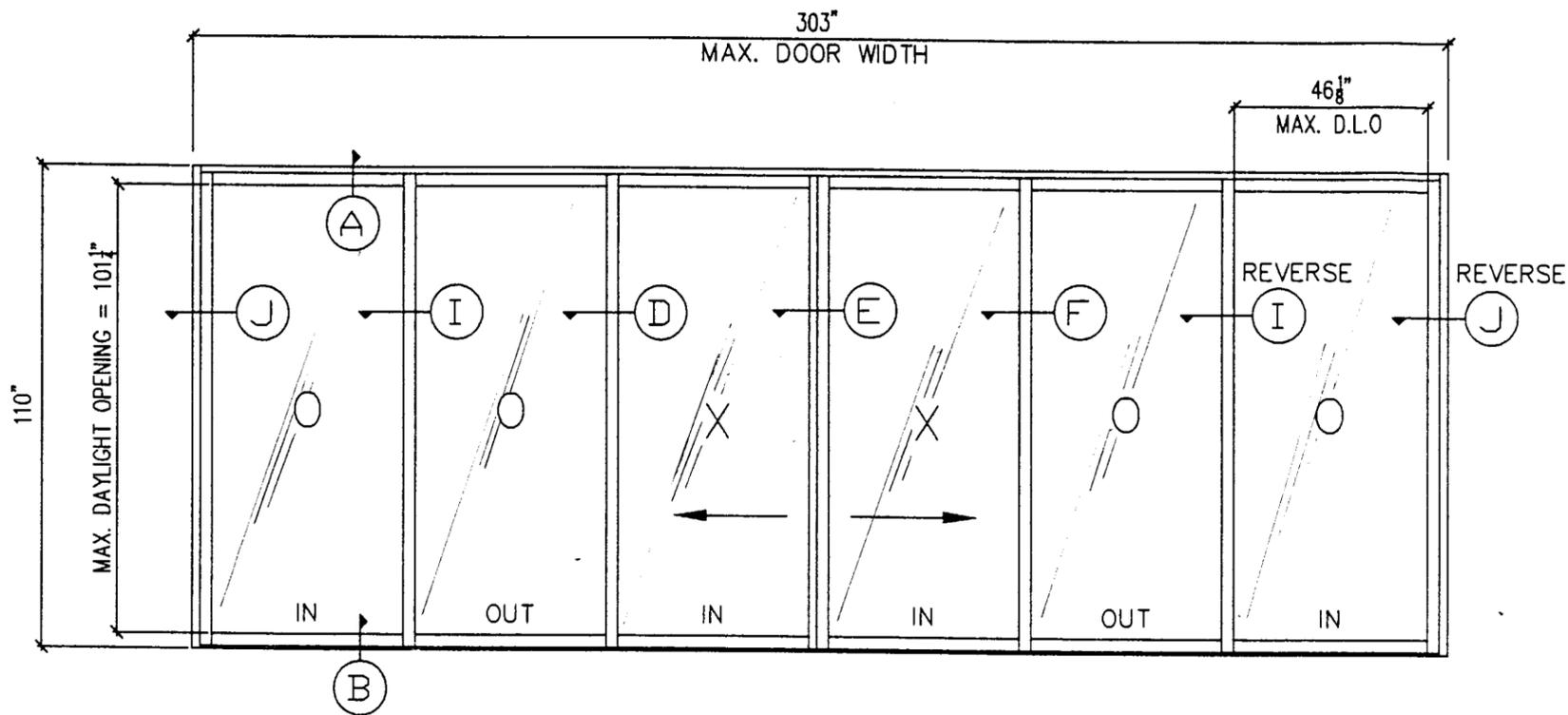


SMALL MISSILE GLAZING DETAIL
.532 LAMINATED GLASS

OPTION # 2

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

SMALL MISSILE



SMALL MISSILE

KELVYN A. WHITFIELD

MECHANICAL ENGINEER

1002 N.E 116 ST- MIAMI FL 33161
 TEL (305) 659 1230
 FAX (305) 895 9978

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	

DATE: 10/16/02

SCALE:

DWG. BY: L.O

SHEET 2 OF 7

APPLICATION REVISION TO
 NOA # 01-0402-03

Approved as complying with the
 Florida Building Code
 Date JAN. 9, 2003
 NOA# 02-1028.07
 Miami Dade Product Control
 Division
 By Mmanuel Perez

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

DATE: 10/16/02

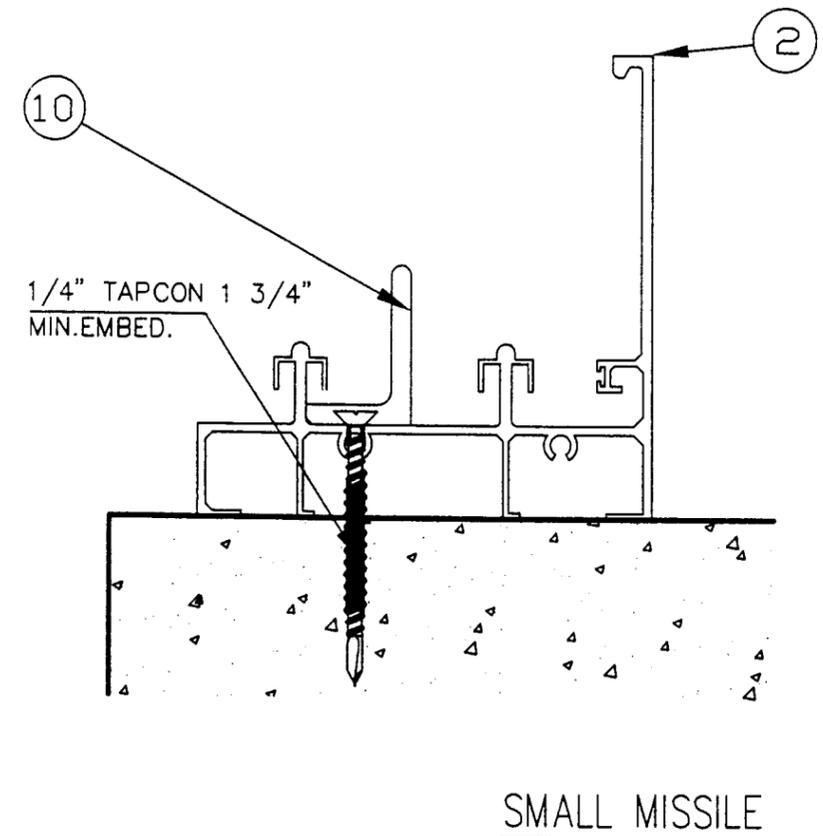
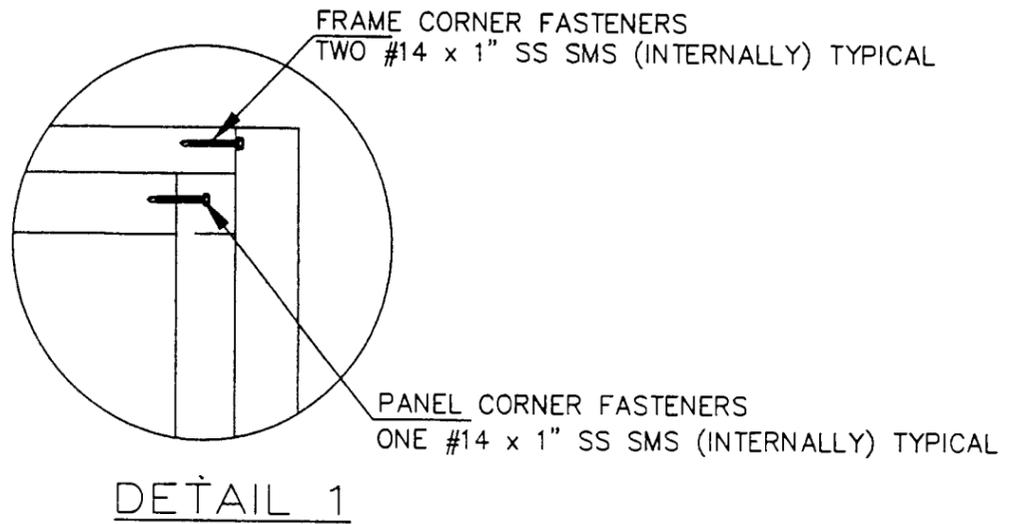
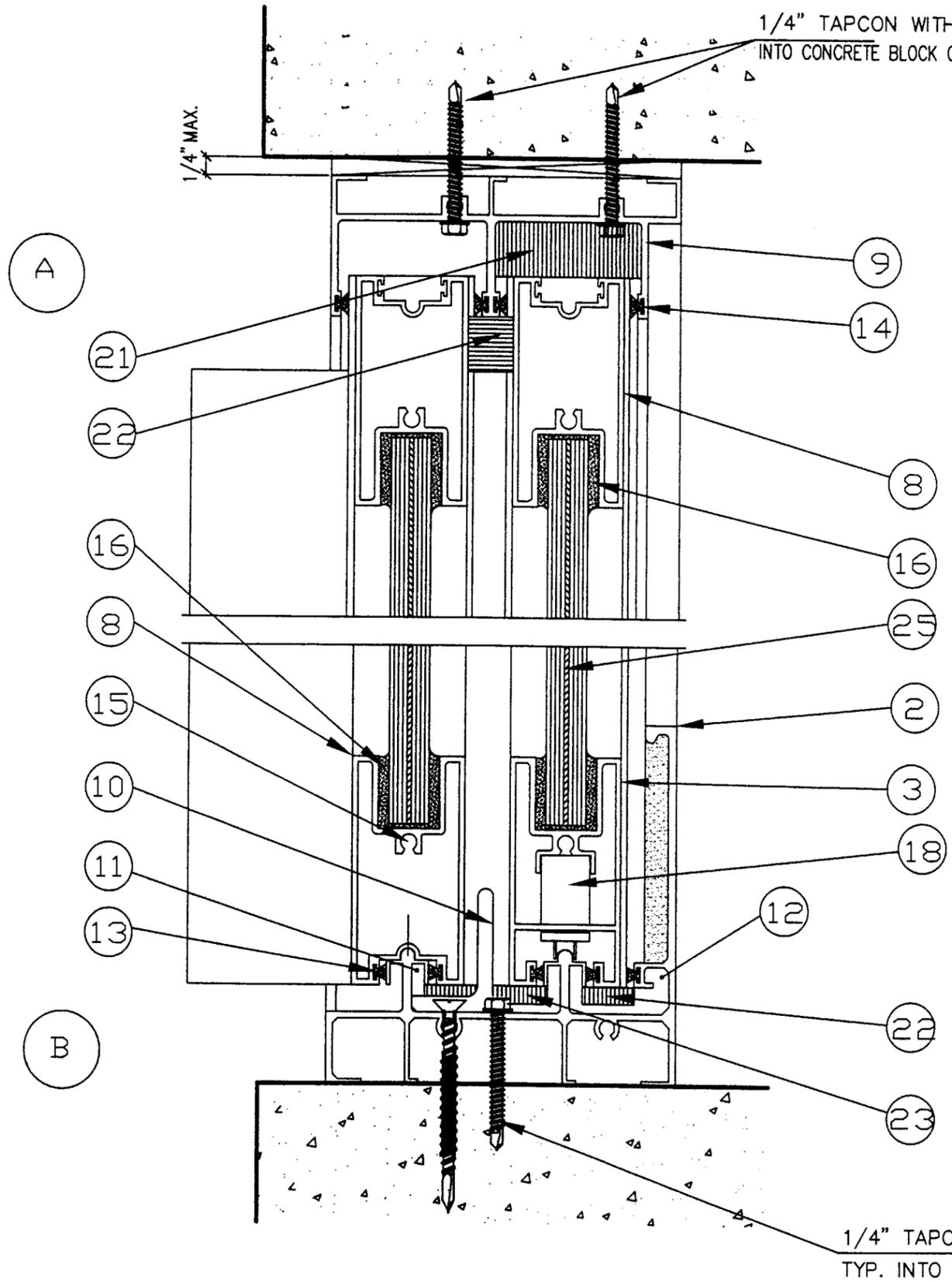
SCALE: N.T.S.

DWG. BY: L.O

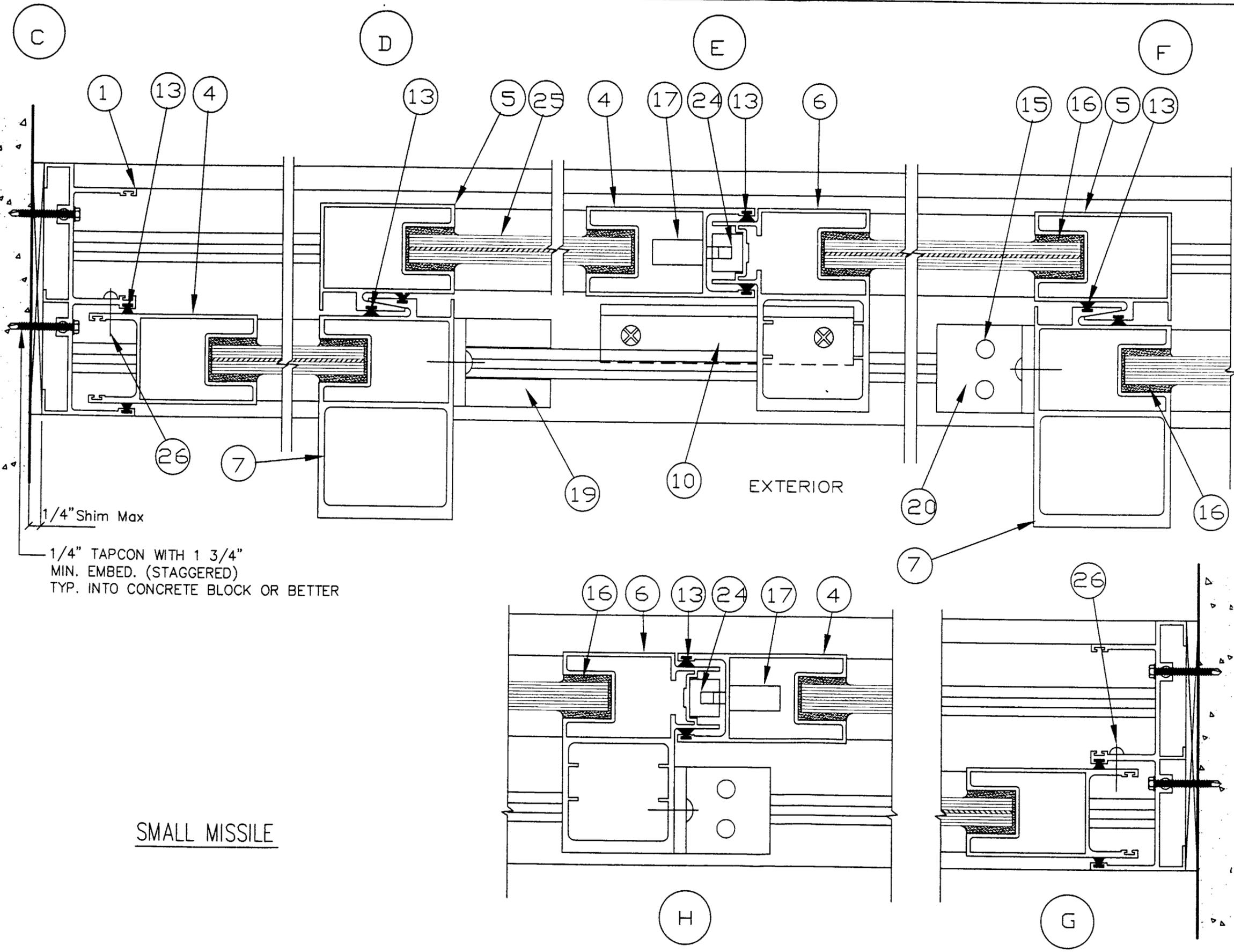
SHEET 3 OF 7

APPLICATION REVISION TO
NOA # 01-0402-03

Approved as complying with the
Florida Building Code
Date JAN. 9, 2003
NOA# 02-1028.07
Miami Dade Product Control
Division
By Maurice Perez



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

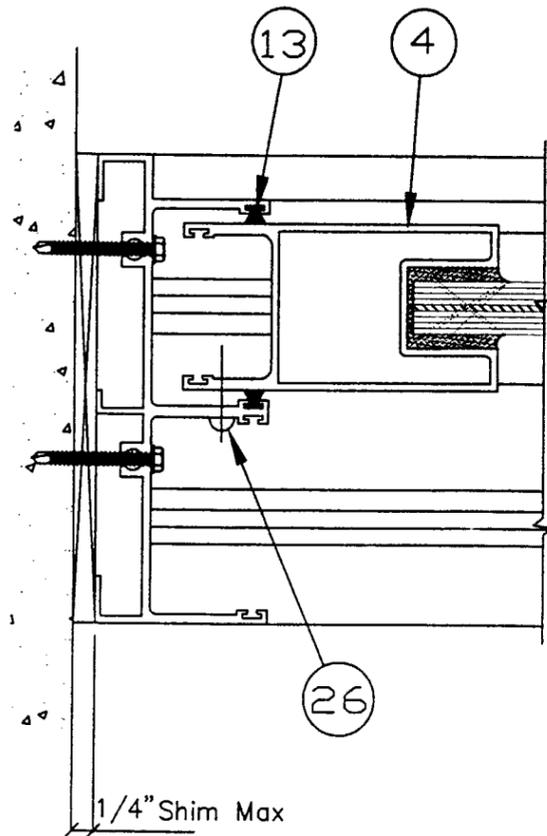
DWG. NO.: 00-249 A

REVISIONS DESCRIPTION

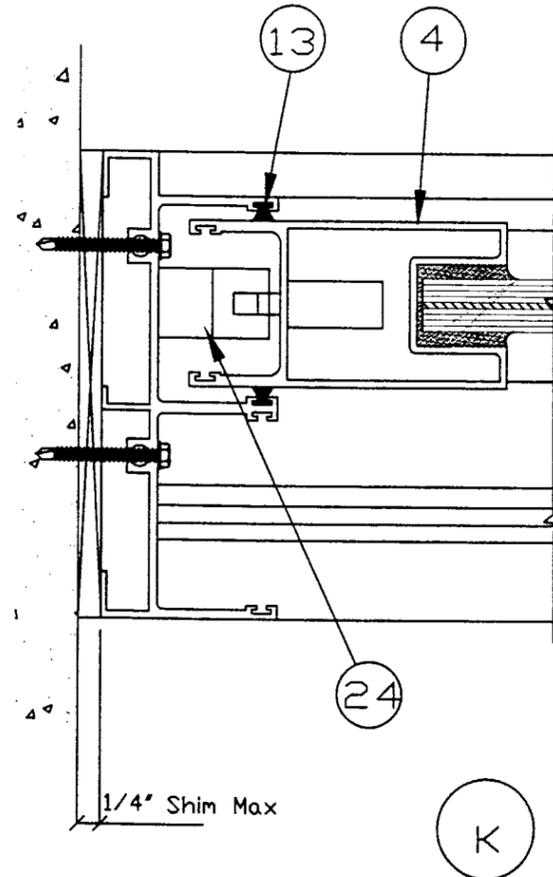
NO.	DATE	DESCRIPTION

DATE: 10/16/02
 SCALE: N.T.S.
 DWG. BY: L.O
 SHEET 4 OF 7

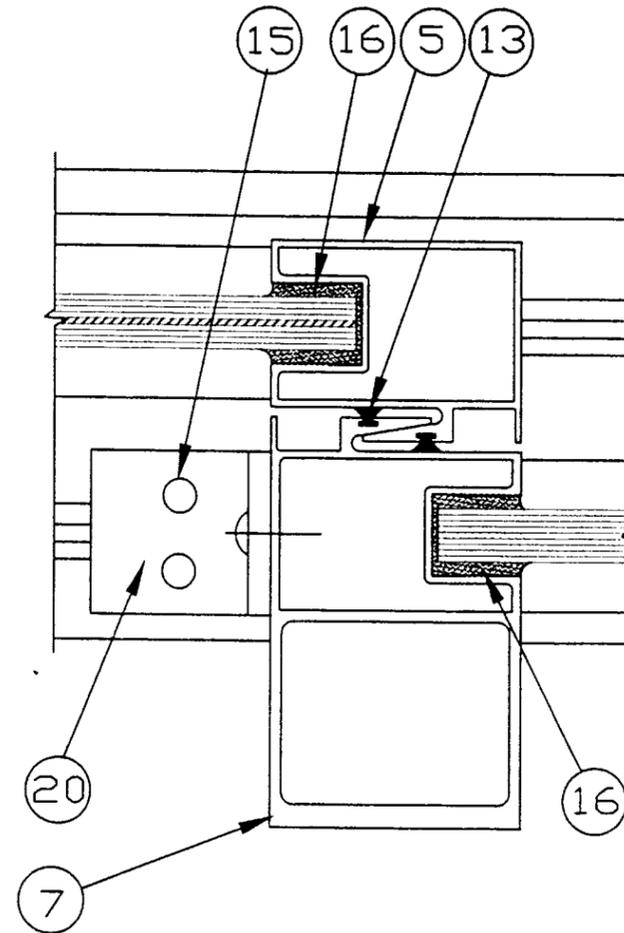
APPLICATION REVISION TO
 NOA # 01-0402-03
 Approved as complying with the
 Florida Building Code
 Date JAN. 9, 2003
 NOA# 02-1028-07
 Miami Dade Product Control
 Division
 By *Maurice Perez*



(J)



(K)



(I)
FIXED

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

DATE: 10/16/02

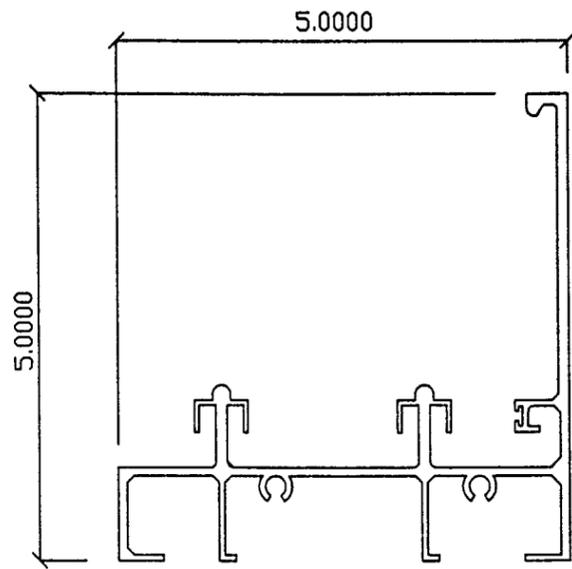
SCALE: N.T.S.

DWG. BY: L.O

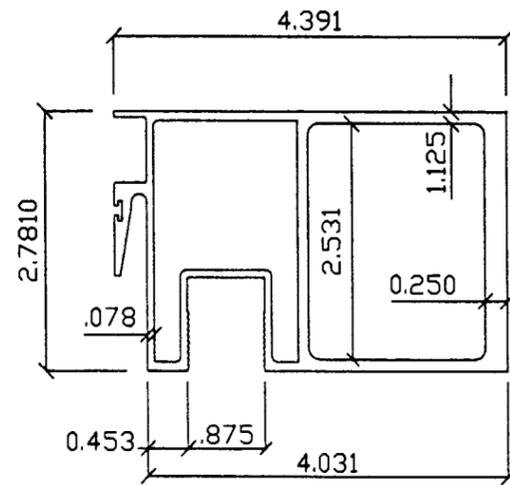
SHEET 5 OF 7

APPLICATION REVISION TO
NOA # 01-0402-03

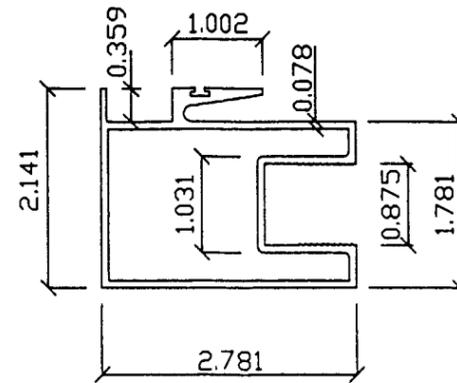
Approved as complying with the
Florida Building Code
Date JAN. 9, 2003
NOA# 02-1028.07
Miami Dade Product Control
Division
By Manuel Perez



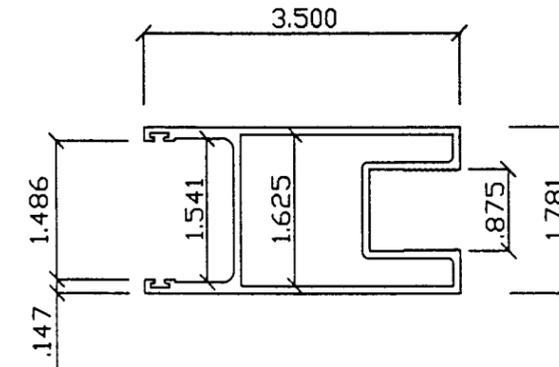
② Sill # 100-002
Material: Aluminum
HALF SCALE



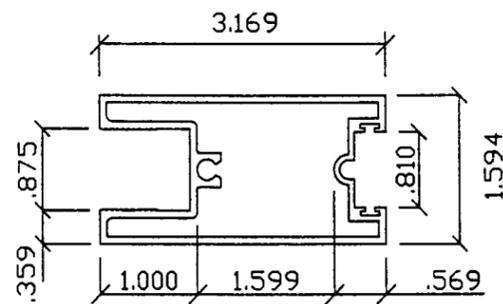
⑦ Heavy Interlock # 100-007
HALF SCALE



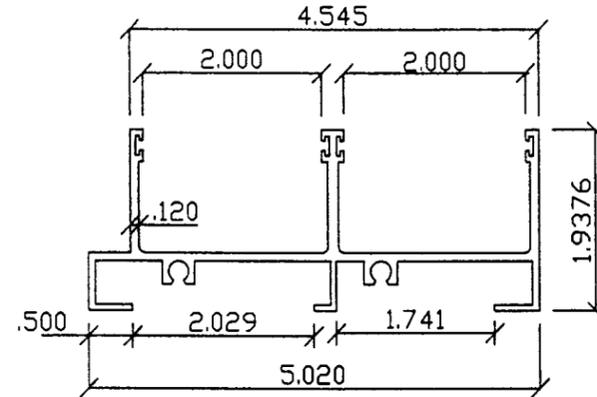
⑤ Interlock # 100-005
HALF SCALE



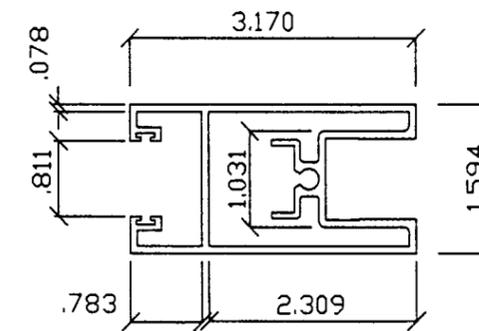
④ Fixed & Lock Stile # 100-004
HALF SCALE



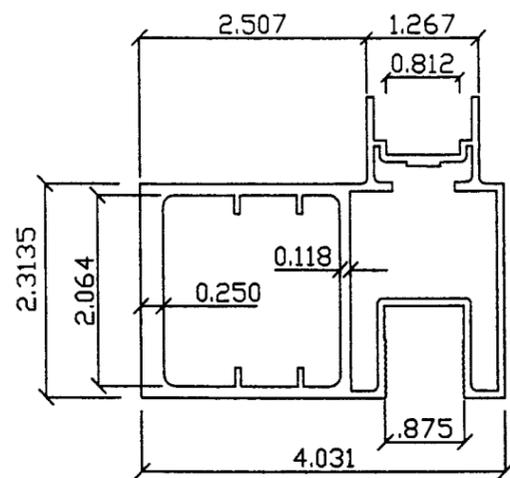
⑧ Fixed Bottom # 100-008
HALF SCALE



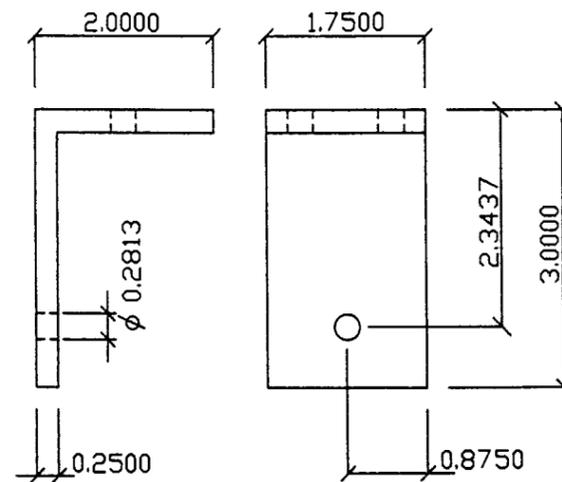
① Jamb # 100-001
HALF SCALE



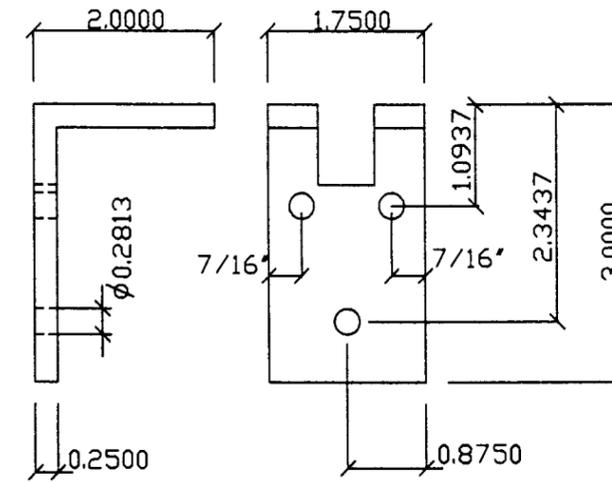
③ Bottom Moving Panel # 100-003
HALF SCALE



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

DATE: 10/16/02

SCALE: N.T.S.

DWG. BY: L.O

SHEET 6 OF 7

APPLICATION REVISION TO
NOA # 01-0402-03
Approved as complying with the
Florida Building Code
Date JAN. 9, 2003
NOA# 02-1028.07
Miami Dade Product Control
Division
By [Signature]

KELVYN A. WHITFIELD

MECHANICAL ENGINEER

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

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	

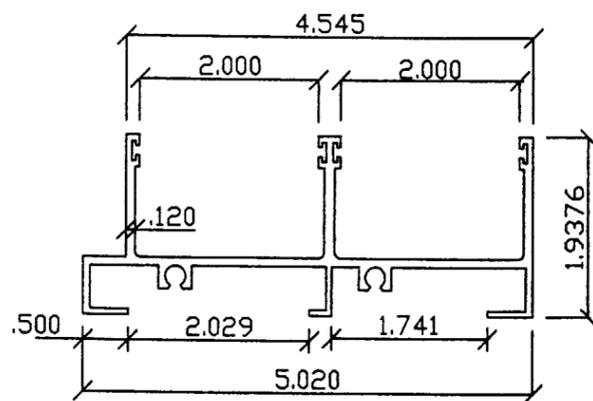
DATE: 10/16/02

SCALE:

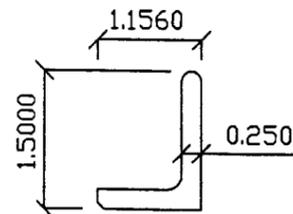
DWG. BY: L.O

SHEET 7 OF 7

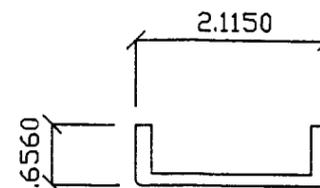
Item Number	Part Number	Part Name	Req/d Qty	Remarks
1	100-001	Jamb	2	Frame
2	100-002	Sill	1	Frame
3	100-003	Bottom moving panel	2	Panel
4	100-004	Fixed & Lock Stile	3	Panel
5	100-005	Interlock	2	Panel
6	100-006	Astragal	1	Panel
7	100-007	Heavy Interlock	2	Panel
8	100-008	Fix & Mov Top & Bot Fix	6	Panel
9	100-001	Head	1	Frame
10	100-012	Hurricane Clip	1	Only at OXXO (5 1/4" Long), OXX00, 00XX00 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)



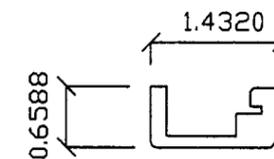
⑨ Head # 100-001
 HALF SCALE



⑩ Hurricane Clip # 100-012
 HALF SCALE



⑪ Sill Chanel Clip # 100-013
 HALF SCALE



⑫ Sill Chanel Clip II # 100-014
 HALF SCALE

APPLICATION REVISION TO
 NOA # 01-0402-03

Approved as complying with the
 Florida Building Code
 Date JAN. 9, 2003
 NOA# 02-102B.02
 Miami Dade Product Control
 Division
 By *[Signature]*