



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)

GlassWall, LLC
3550 N. W. 49 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. **W02-0158**, titled "Series 100' Aluminum Sliding Glass Door", sheets 1 through 7 of 7, dated 02/11/02 and last revised on 04-02-07, prepared by manufacturer, signed and sealed by Kelvyn A. Whitfield, P.E., bearing the Miami-Dade County Product Control Renewal 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 & renews** NOA # **02-0429.05** consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



4/14/17

NOA No 06-1121.08
Expiration Date: October 26, 2011
Approval Date: April 27, 2007
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS (transferred from file # 02-0429.05)

1. Manufacturer's die drawings and sections.
2. Drawing No. **W02-0158**, titled "Series 100' Aluminum Sliding Glass Door", sheets 1 through 7 of 7, dated 02/11/02 and last revised on 04-02-07, prepared by manufacturer, signed and sealed by Kelvyn A. Whitfield, 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 (b) and TAS 202-94along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4449**, dated 01/17/05, signed and sealed by Edmundo Largaespada, P.E.
2. Test reports (transferred from file # **02-0429.05**)
 - 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.
3. Test reports (transferred from file # **02-0429.05**)
 - 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

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 06-1121.08

Expiration Date: October 26, 2011

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C. CALCULATIONS

1. Anchor verification calculations and structural analysis dated 10-24-2006 and last revised on 04-02-2207, prepared, signed and sealed by Kelvyn A. Whitfield, P. E.
2. Glazing complies w/ ASTME-1300-02

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **03-0827.08**, issued to Solutia, Inc., for their "Solutia Interlayer for laminated glass", expiring on 03/04/09.

F. STATEMENTS

1. Statement letters of conformance and "No financial interest", dated 10/24/06, prepared, signed and sealed by Kelvyn A. Whitfield, P.E.
2. Statement letter of Lab compliance, as part of test report, issued by above Testing Laboratories.

G. OTHER

1. This NOA revises & renews NOA # **02-0429.05**, expired on **October 26, 2006**.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 06-1121.08
Expiration Date: October 26, 2011
Approval Date: April 27, 2007

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 IMPACT

JOB NO.: 02-0158
 DWG. NO.: 02-0158

REVISIONS DESCRIPTION

NO.	DATE	DESCRIPTION
2	07/23/02	AS PER DADE COUNTY REQUIREMENTS
3	10/24/06	GENERAL REVISION.
4	02/12/07	AS PER DADE COUNTY REQUIREMENTS

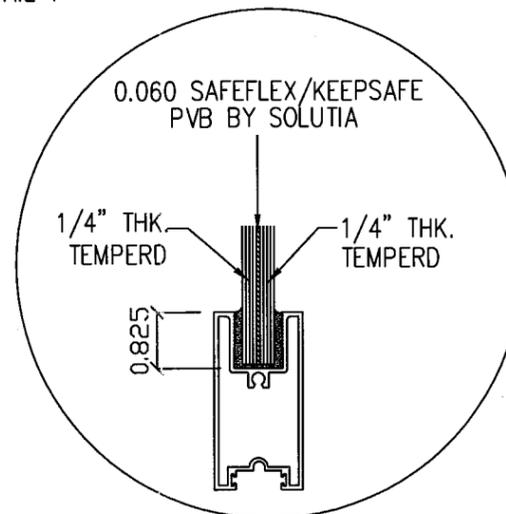
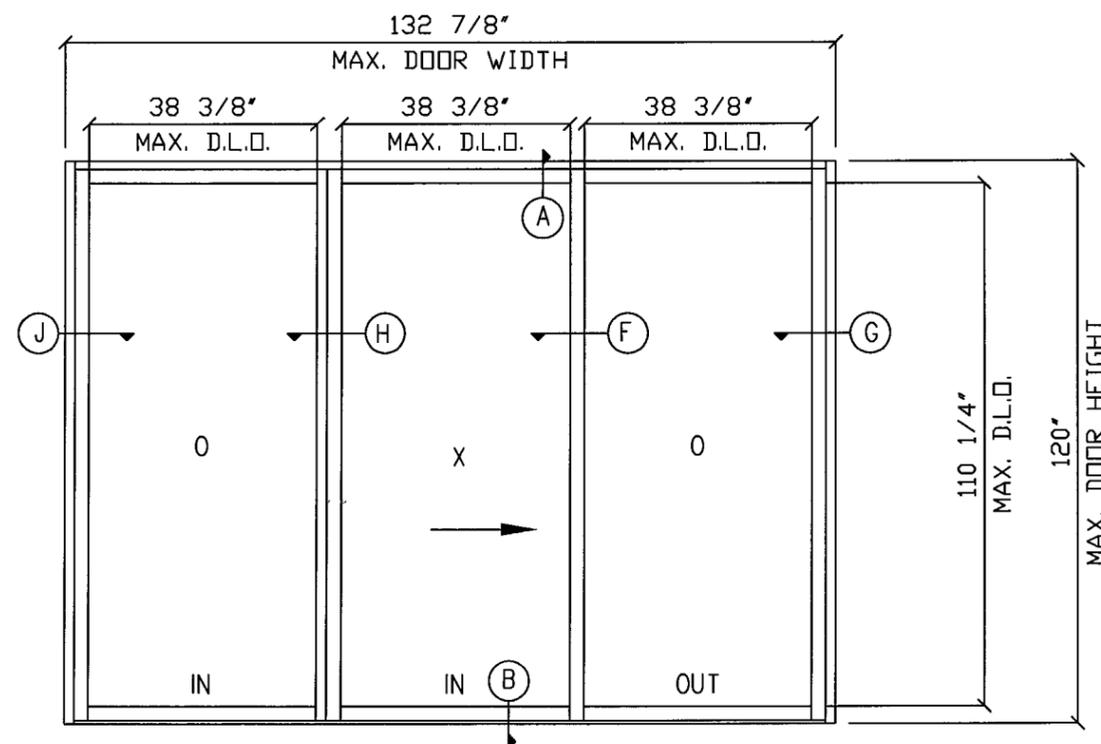
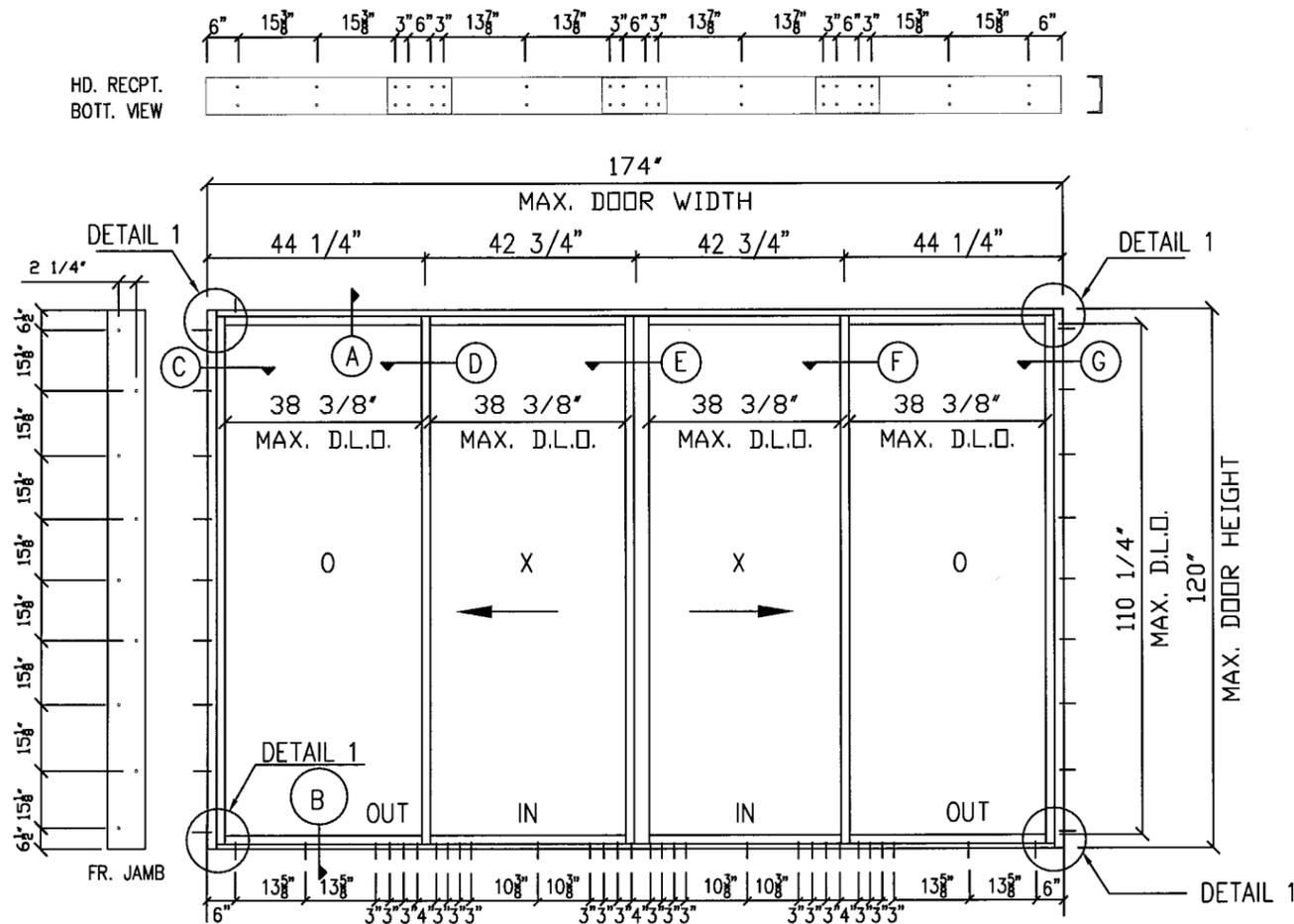
DATE: 02/11/02
 SCALE:
 DWG. BY: D.M
 SHEET 1 OF 7

KELVYN A. WHITFIELD
 MECH. ENGINEER.
 FLA. PE # 24140

[Signature]
 4/02/7

NOTES:

1. THIS SLIDING GLASS DOOR SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 CHAPTERS, CHAPTER 16, CHAPTER 24, 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. EXCEPT AS NOTED
3. SMALL MISSILE IMPACT (TYPE 1 GLAZING): 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. REVISION BASED ON LABORATORY REPORT No. 3347 FENESTRATION TESTING LAB., INC.
5. ALL ANCHORS ARE 5/16"-DIA. ELCO TAP-CON 1 3/4" MIN. EMBEDMENT INTO FILLED CONCRETE BLOCK OR BETTER. (USE 3000 PSI CONCRETE MINIMUM.)
6. ALL ANCHORS SPACINGS ARE MAXIMUM DIMENSION AND TYPICAL FOR ALL CONFIGURATIONS.



PRODUCT RENEWED
 as complying with the Florida
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 Expiration Date: OCT 26, 2011
 By: *[Signature]*
 Miami Dade Product Control
 Division

SMALL MISSILE

SMALL MISSILE GLAZING TYPE 1 DETAIL
 0.590 LAMINATED GLASS

Design Load Capacity (P. S. F.)			
POSITIVE	NEGATIVE	HEAD ANCHORS	SILL ANCHORS
110	110	CLUSTER (8)	CLUSTER (8)

KELVYN A. WHITFIELD

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PHONE: (305) 638-5151

SERIES: 100 ALUMINUM
SLIDING GLASS DOOR
SMALL MISSILE IMPACT

JOB NO.: 02-0158
DWG. NO.: 02-0158

REVISIONS DESCRIPTION

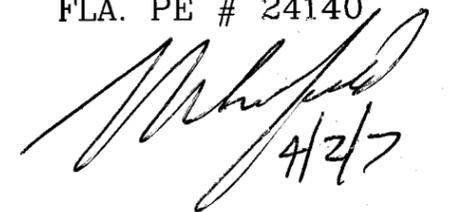
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4	02/12/07	AS PER DADE COUNTY REQUIREMENTS

SCALE:

DWG. BY: D.M

SHEET 2 OF 7

KELVYN A. WHITFIELD
MECH. ENGINEER.
FLA. PE # 24140

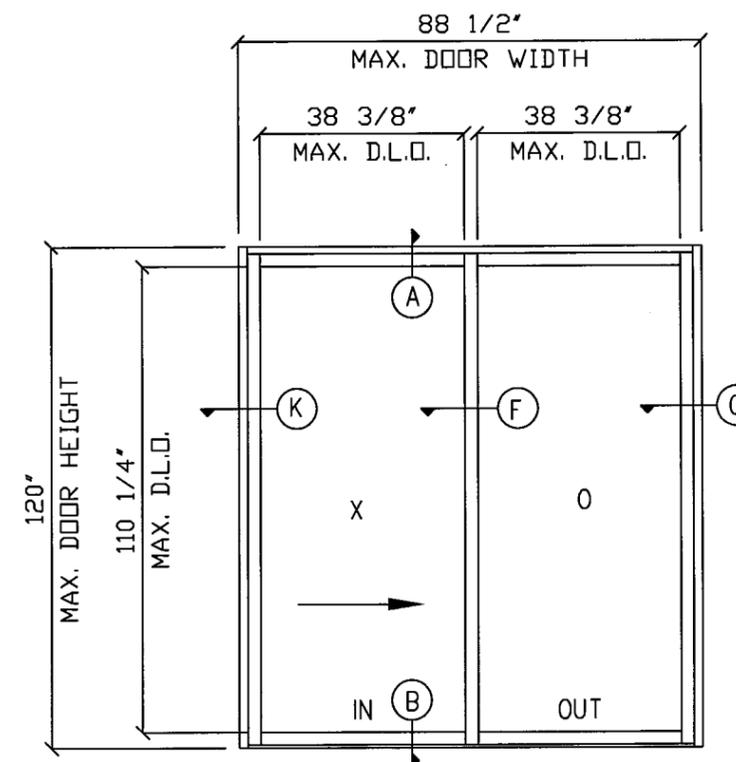


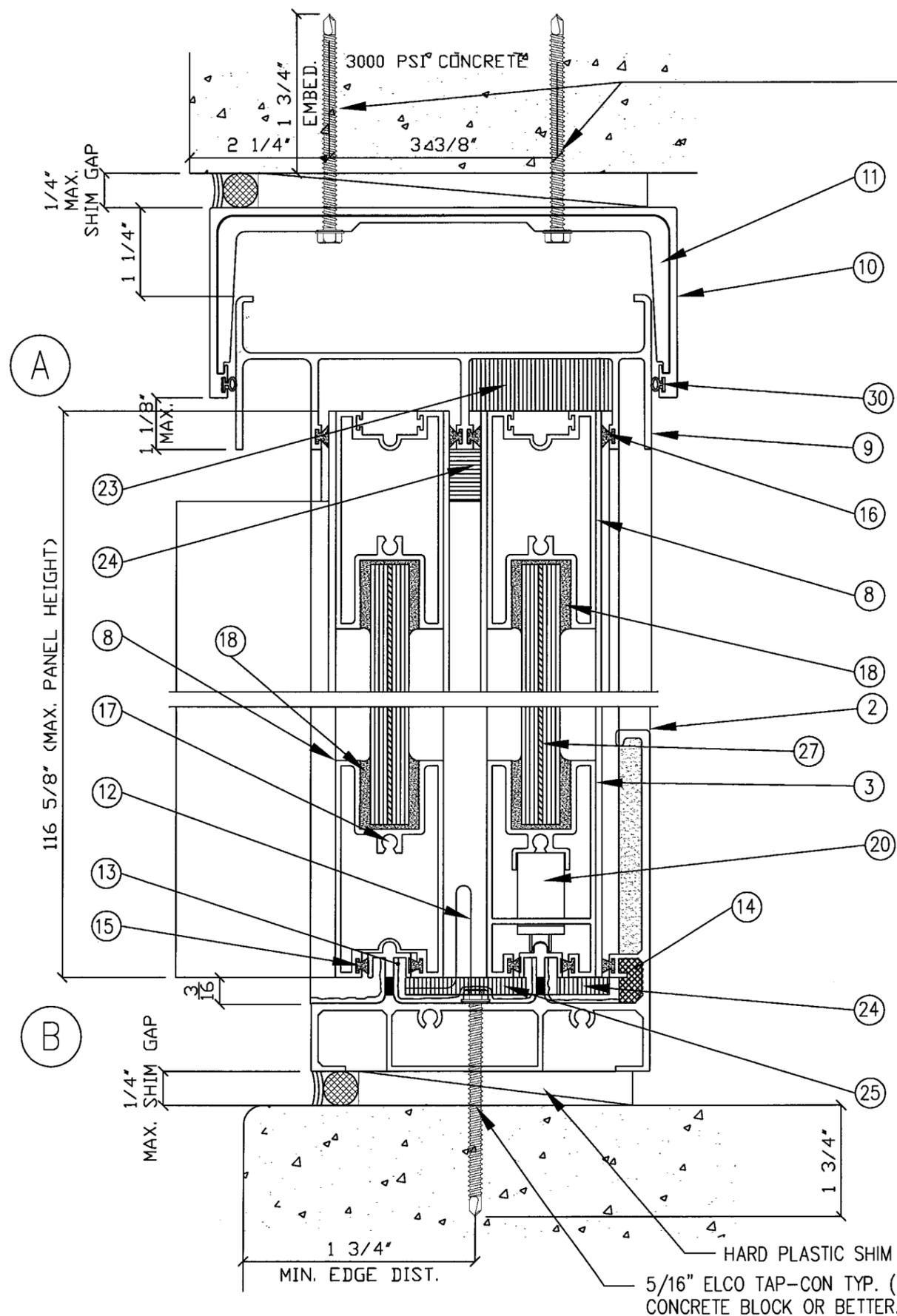
4/2/7

NOTE: SEE ELEVATION
SHEET 1 FOR TYPICAL
ANCHORS

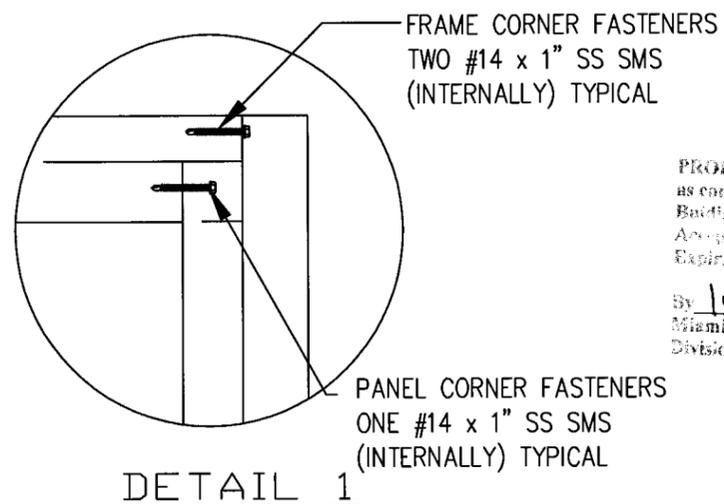
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Acceptance No. 06-1121.08
Expiration Date OCT 26, 2011
By: Isaac L. Llanusa
Miami Dade Product Control
Division

SMALL MISSILE

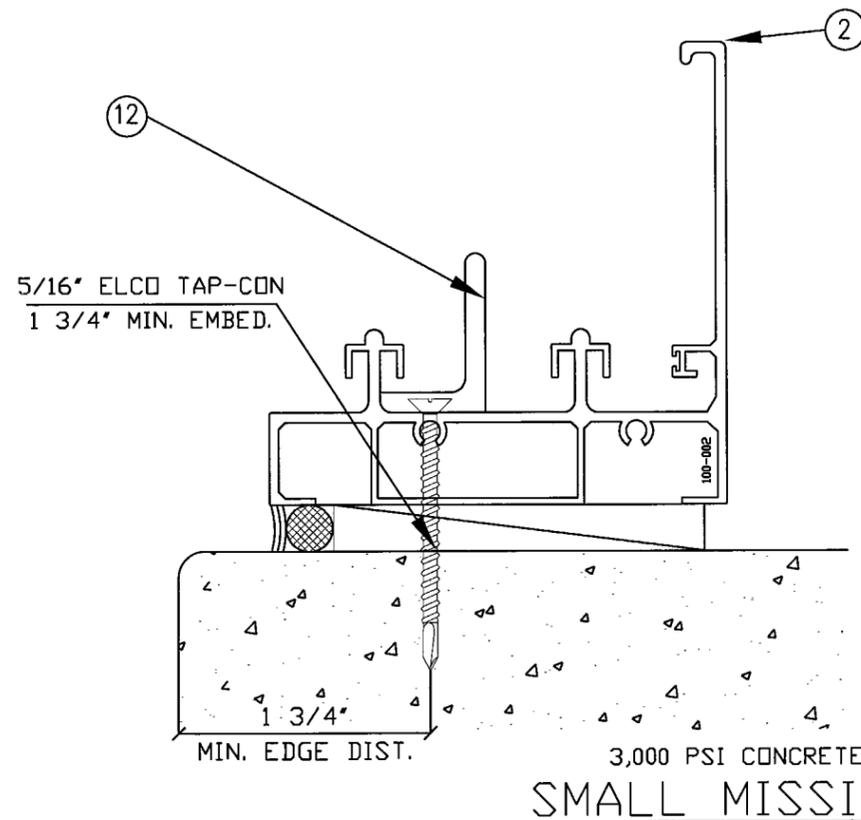




5/16" Ø ELCO TAP-CON WITH 1 3/4" MIN. EMBEDMENT TYP. (DOUBLE ROW) INTO CONCRETE BLOCK OR BETTER.



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 By *Isaac I. Chaudh*
 Miami Dade Product Control Division



HARD PLASTIC SHIM TYPICAL
 5/16" ELCO TAP-CON TYP. (SINGLE ROW) INTO CONCRETE BLOCK OR BETTER.

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SERIES: 100 ALUMINUM
 SLIDING GLASS DOOR
 SMALL MISSILE IMPACT

JOB NO.: 02-0158
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DATE: 02/11/02

SCALE: N.T.S.

DWG. BY: D.M

SHEET 3 OF 7

KELVYN A. WHITFIELD
 MECH. ENGINEER.
 FLA. PE # 24140

Kelwyn A. Whitfield
 2/2/7

KELVYN A. WHITFIELD

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SCALE: N.T.S.

DWG. BY: D.M

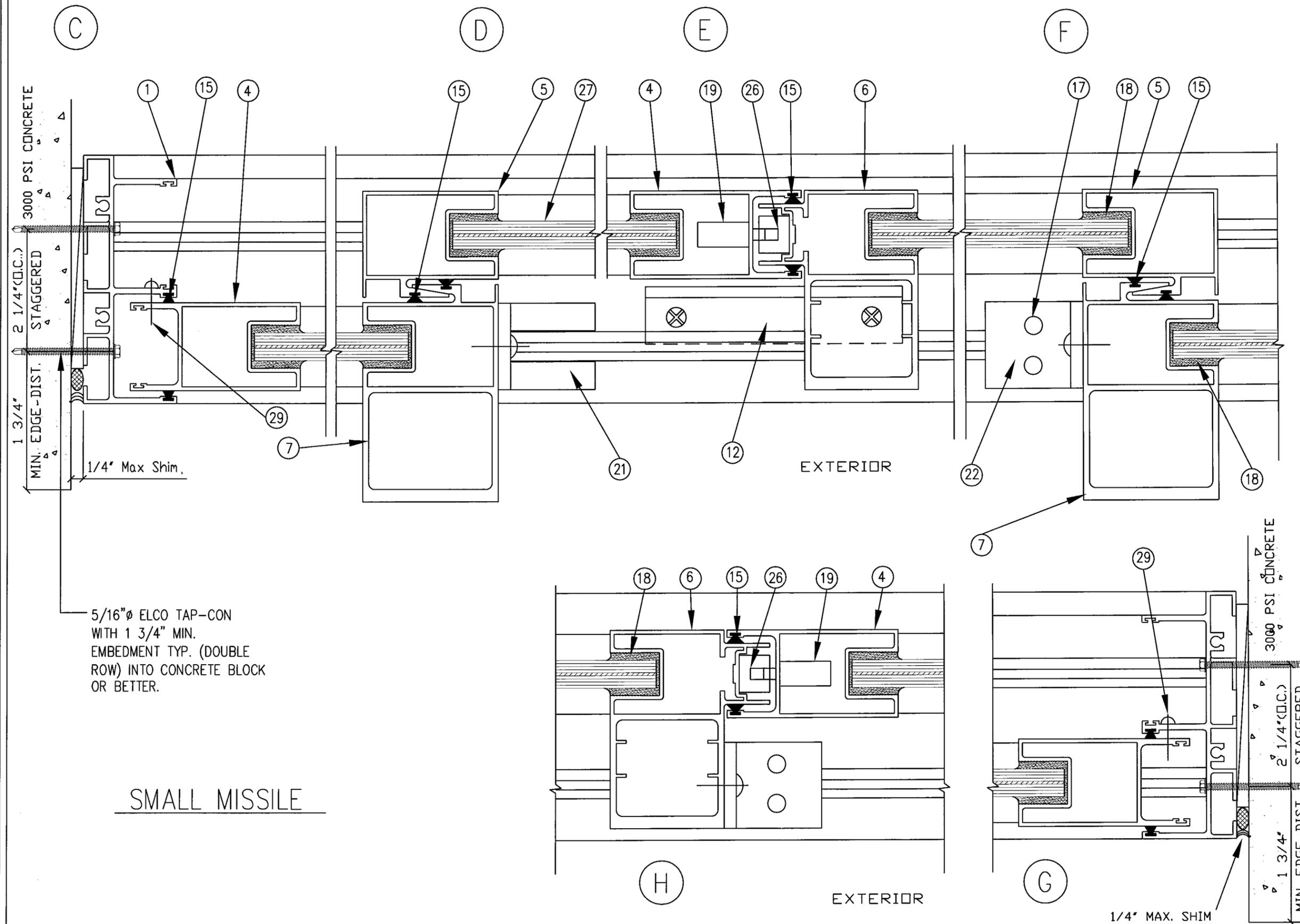
SHEET 4 OF 7

KELVYN A. WHITFIELD
 MECH. ENGINEER.
 FLA. PE # 24140

[Signature]
 4/2/7

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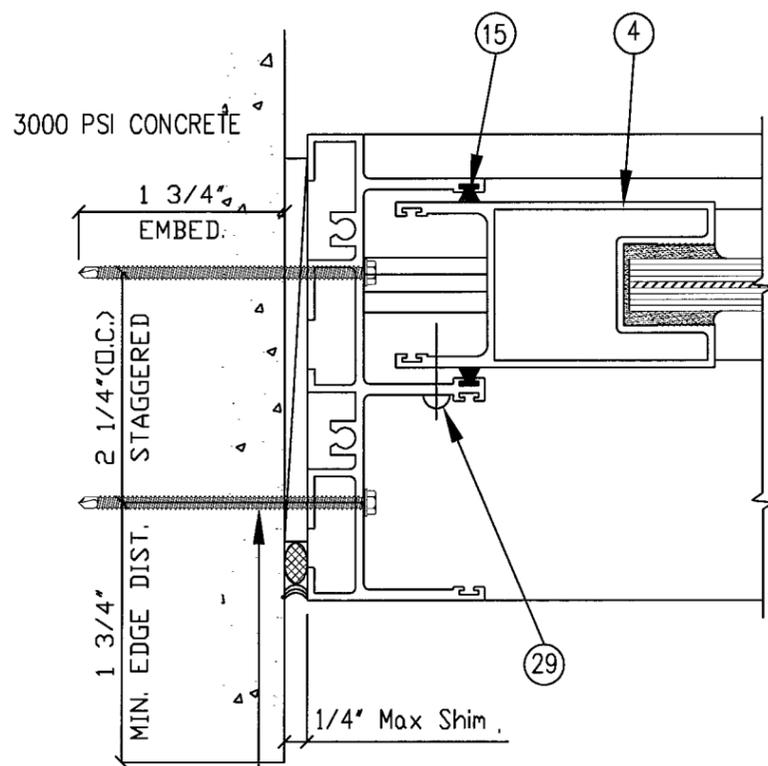
5/16"Ø ELCO TAP-CON
 WITH 1 3/4" MIN.
 EMBEDMENT TYP. (DOUBLE
 ROW) INTO CONCRETE BLOCK
 OR BETTER.

SMALL MISSILE

EXTERIOR

EXTERIOR

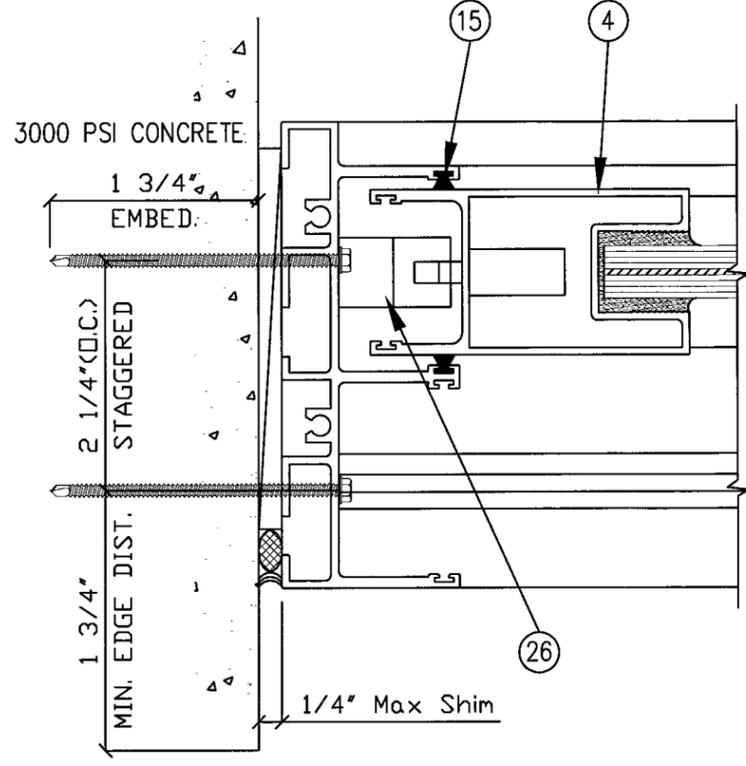
1/4" MAX. SHIM



J

5/16"Ø ELCO TAP-CON WITH 1 3/4" MIN. EMBEDMENT TYP. (DOUBLE ROW) INTO CONCRETE BLOCK OR BETTER.

SMALL MISSILE



K

EXTERIOR

KELVYN A. WHITFIELD
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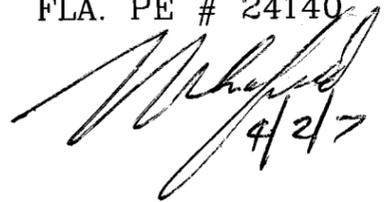
GLASSWALL
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 SMALL MISSILE IMPACT

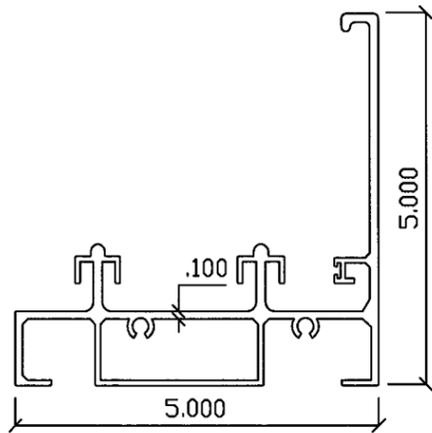
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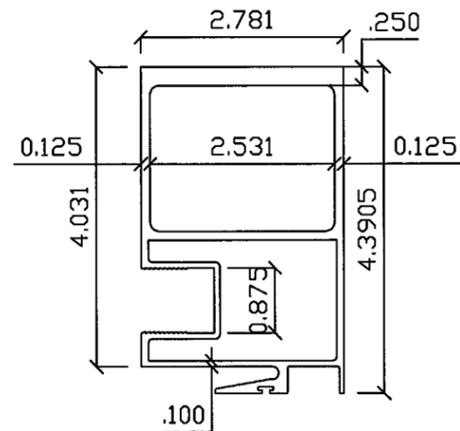
DATE: 02/11/02
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 SHEET 5 OF 7

KELVYN A. WHITFIELD
 MECH. ENGINEER.
 FLA. PE # 24140

 4/2/7

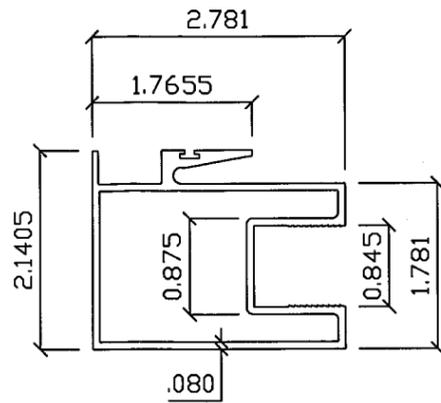
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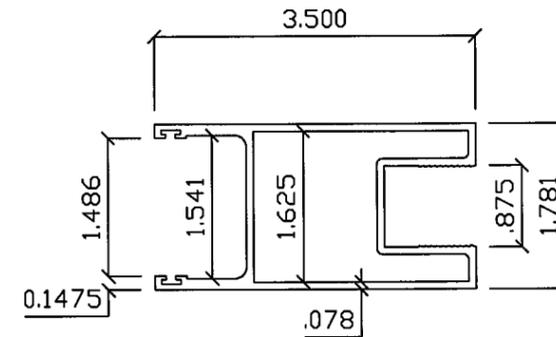
② Sill # 100-002A
HALF SCALE



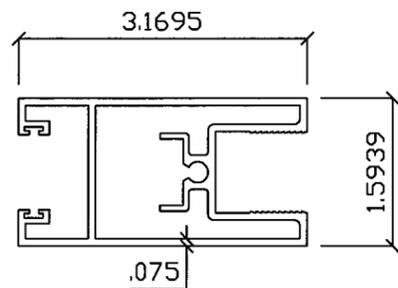
⑦ Heavy Interlock # 100-007
HALF SCALE



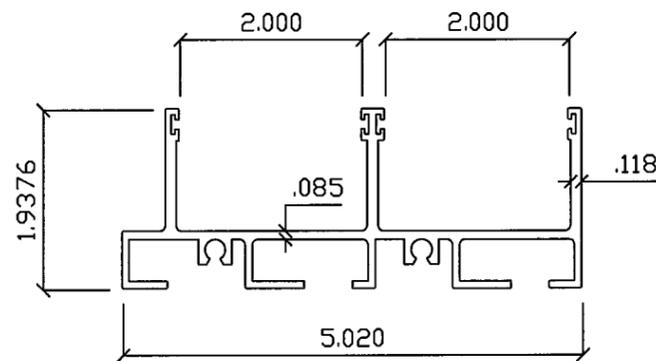
⑤ Interlock # 100-005
HALF SCALE



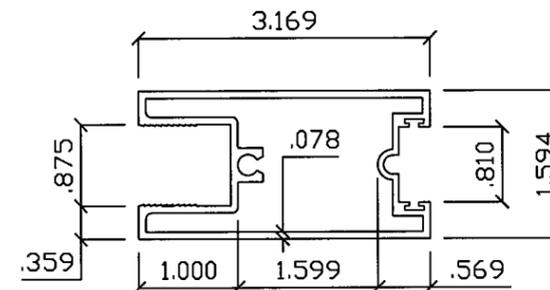
④ Fixed & Lock Stile # 100-004
HALF SCALE



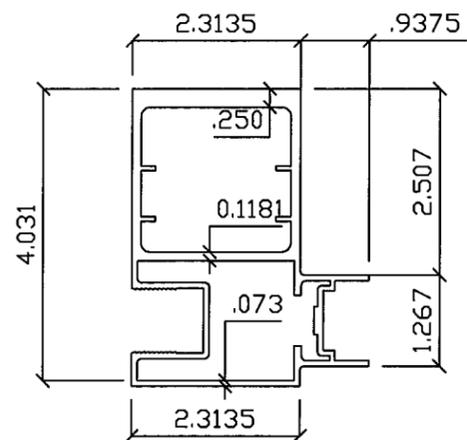
③ Bottom Moving Panel # 100-003
HALF SCALE



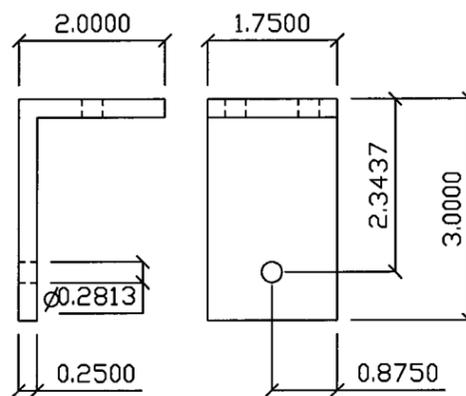
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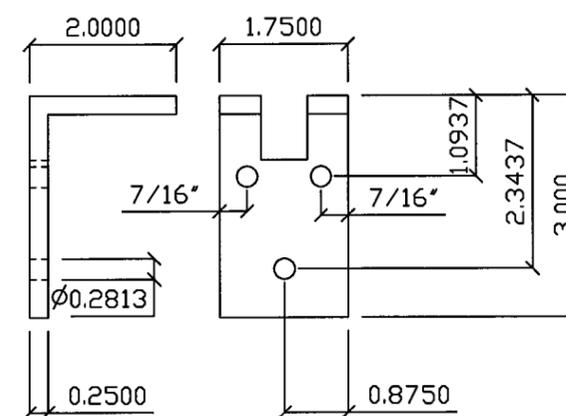
⑧ Fixed Bottom # 100-008
HALF SCALE



⑥ Astragal # 100-006
HALF SCALE



②② AB-2 Aluminum Angle Top 6063-T6
HALF SCALE



②① AB-1 Aluminum Angle Bottom 6063-T6
HALF SCALE

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SMALL MISSILE IMPACT

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DATE: 02/11/02

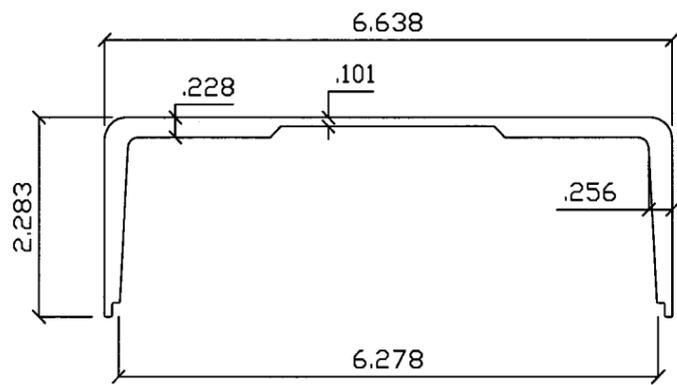
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DWG. BY: D.M

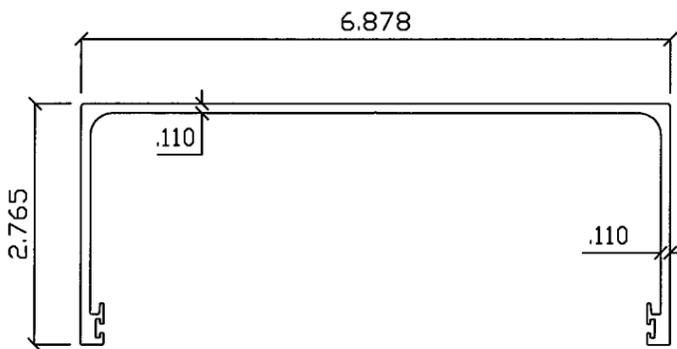
SHEET 6 OF 7

KELVYN A. WHITFIELD
MECH. ENGINEER.
FLA. PE # 24140

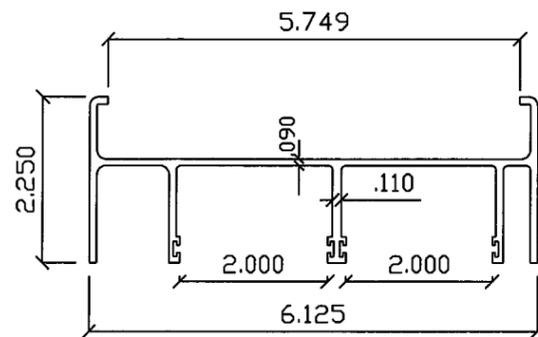
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Miami Dade Product Control
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⑪ Head Receptor Reinforcement # 100-020
HALF SCALE



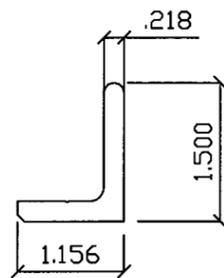
⑩ Head Receptor # 100-019
HALF SCALE



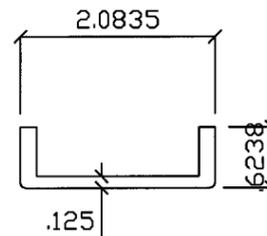
⑨ Head # 100-009
HALF SCALE

SLIDING GLASS DOOR

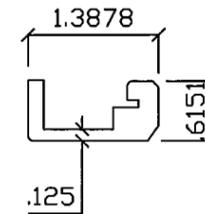
Item #	Part Number	Part Name	Remarks
1	100-001A	Jamb	Frame
2	100-002A	Sill	Frame
3	100-003	Bottom moving panel	Panel
4	100-004	Lock Stile	Panel
5	100-005	Interlock	Panel
6	100-006	Astragal	Panel
7	100-007	Heavy Interlock	Panel
8	100-008	Fix & Mov Top & Bottom	Panel
9	100-009	Head	Frame
10	100-019	Head Receptor	Frame
11	100-020	Reinforcement	Frame, LENGTH = 15"
12	100-012	Hurricane Clip	Only at OXXO (5 1/4" Long), Attached to frame sill using two 1/4 KWK -con.
13	100-013	Sill Chanel Clip I	Frame
14	100-014	Sill Chanel Clip II	Frame
15	568-61279	Fin Seal .270HT	Part #568-61279 - 00914-18701 Prototype Plastics
16	568-62379	Fin Seal .370HT	Part #568-62379 - 00914-18701 Prototype Plastics
17	Fastener	Screw	# 14 x 1" PH-PH SMS frame & panel assembly
18	7P-687	Chanel Glazed	Chanel Glazed using a flexible vinyl glazing gasket
19	D-60C	Lock	3 Point Martise Hook Lock
20	AR-50A	Wheel, SS	D & W Hardware (Attached with 2 #10 x 1/2" PH-PH-SMS-S/S
21	AB-1	Alum. Angle 1/4"x2"x3"x1 3/4" LG.	Bottom Angle
22	AB-2	Alum. Angle 1/4"x2"x3"x1 3/4" LG.	Top Angle
23	P1000AFK(PC)2	Pad	Ultrafab
24	P6309AFK(PC).75	Pad	Ultrafab
25	P5009AFK(PC)1.75	Pad	Ultrafab
26	KP-60	Keeper	
27		Glazing	9/16" Overall Lamin. glass 1/4 Temp.0.060 Saflex by Solutia
29		Tie down	#10 x 3/4" LG. PH-PH SMS S-S (ONLY AT BOTTOM FIXED PANEL)
30	7P-448	Receptor Gasket	Prototype Plastic



⑫ Hurricane Clip # 100-012
HALF SCALE



⑬ Sill Chanel Clip # 100-013
HALF SCALE



⑭ Sill Chanel Clip II # 100-014
HALF SCALE

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SMALL MISSILE IMPACT

JOB NO.: 02-0158
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REVISIONS DESCRIPTION

NO.	DATE	DESCRIPTION
2	07/23/02	AS PER DADE COUNTY REQUIREMENTS
3	10/24/06	GENERAL REVISION.
4	02/12/07	AS PER DADE COUNTY REQUIREMENTS

SCALE:

DWG. BY: D.M

SHEET 7 OF 7

KELVYN A. WHITFIELD
MECH. ENGINEER.
FLA. PE # 24140

[Signature]
4/2/7.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-1121-08
Expiration Date OCT 26, 2011
By: *[Signature]*
Miami Dade Product Control
Division