



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) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Glasswall, LLC
3550 NW 49th 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 106 Aluminum Horizontal Rolling Window- S.M.I.

APPROVAL DOCUMENT: Drawing No. **Rolling-106 S**, titled "Series No. 106 Rolling Glass Window Small Missile" Sheets 1 through 5 of 5, dated 07/07/04 with revision dated 09/09/04, prepared by manufacturer, signed and sealed by Kelyvn Whitfield, 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 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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



NOA No 04-0714.03
Expiration Date: September 30, 2009
Approval Date: September 30, 2004
Page 1

Glasswall, LLC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **Rolling-106 S**, titled "Series No. 106 Rolling Glass Window Small Missile," Sheets 1 through 5 of 5, dated 07/07/04 with revision dated 09/09/04, prepared by manufacturer, signed and sealed by Kelvyn 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) 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 and TAS 202-94
along with marked-up drawings and installation diagram of aluminum horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4237**, dated 06/11/04, signed & sealed by Edumundo Largaespada, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300, and structural analysis, prepared by Kelvyn A. Whitfield, P.E. Consulting Engineer, dated 07/07/04, signed and sealed by Kelvyn Whitfield, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

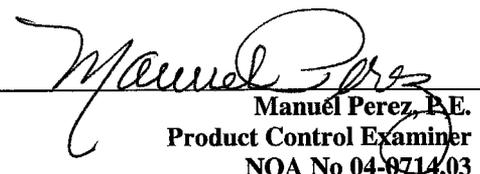
1. Notice of Acceptance No. **01-0205.01** issued to Solutia, Inc. for "Saflex/Keepsafe Maximum" approved on 05/17/01, expiring on 05/21/06.

F. STATEMENTS

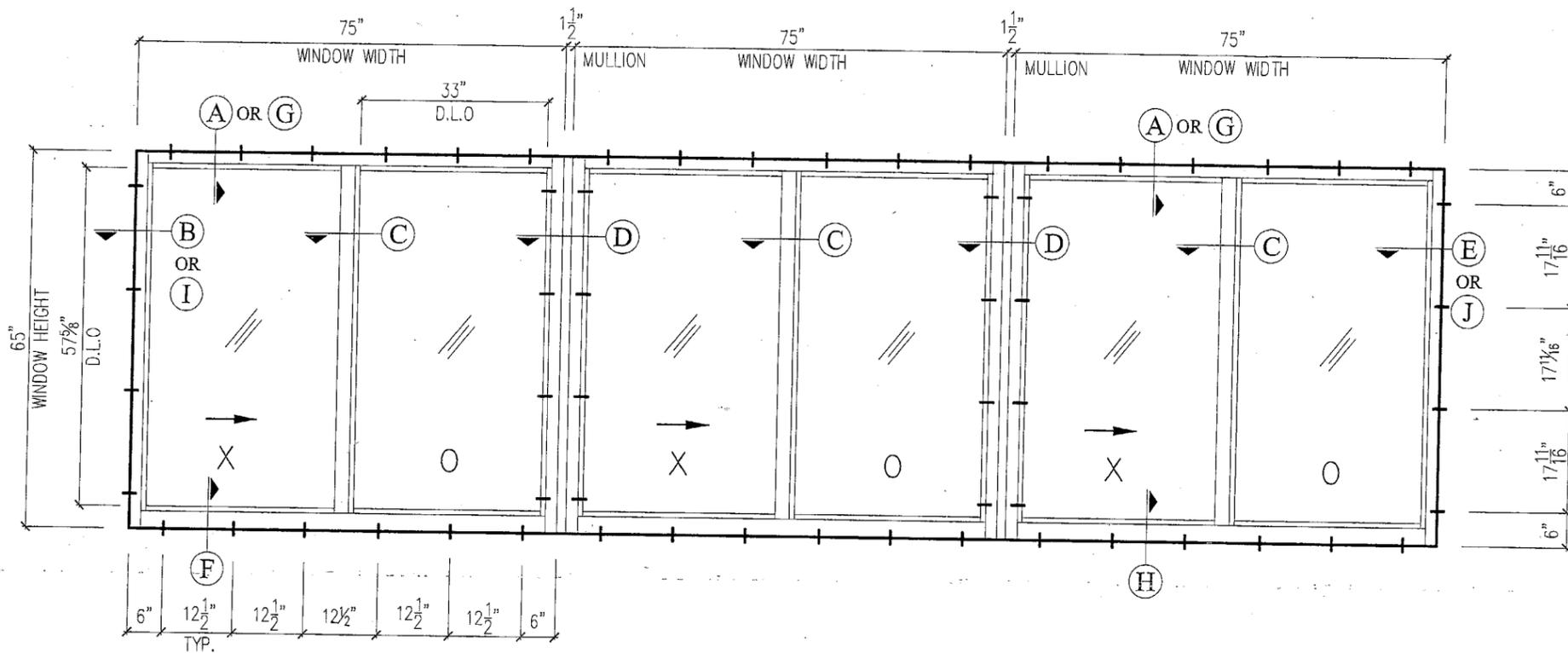
1. Statement letter of conformance dated June 07, 2004 signed and sealed by Kelvyn Whitfield, P.E.
2. Statement letter of no financial interest dated June 07, 2004, signed and sealed by Kelvyn Whitfield, P.E.

G. OTHER

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

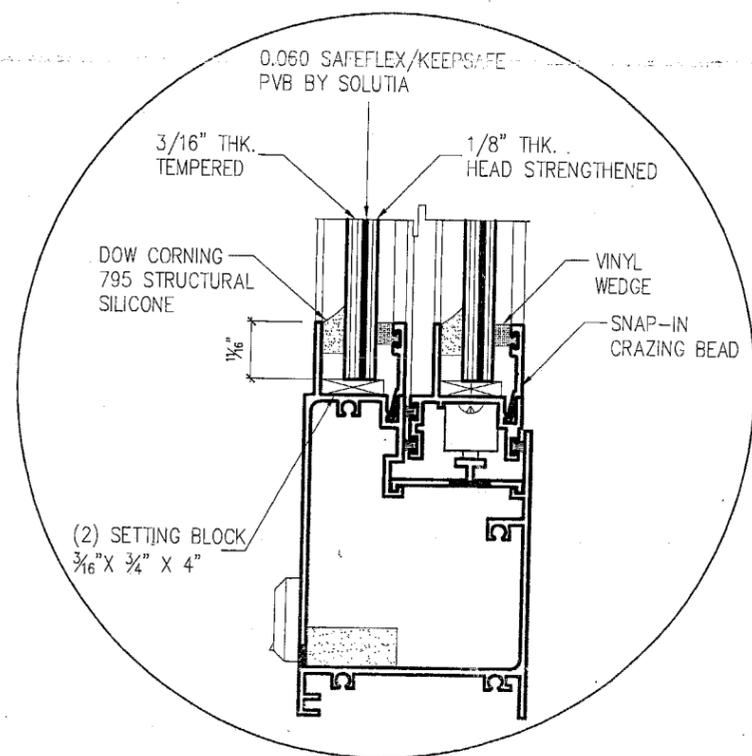

Manuel Perez, P.E.
Product Control Examiner
NOA No 04-0714.03

Expiration Date: September 30, 2009
Approval Date: September 30, 2004



WINDOWS ELEVATIONS
EXTERIOR VIEW

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



SMALL MISSILE GLAZING DETAIL
0.373 LAMINATED GLASS

SERIES No. 106 - ALUMINUM ROLLING WINDOW SMALL MISSILE IMPACT.

NOTES:

1. THIS WINDOW SYSTEM HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (2001) CHAPTERS 16, 17 AND CHAPTER 24, UNDER THE SPECIFIC CONDITIONS SHOWN ON THIS DRAWING FOR HIGH VELOCITY HURRICANE ZONE.
2. ALL EXTRUSIONS ARE ALUMINUM, 6005-T5 ALLOY, WITH A MINIMUM Fy OF 35.000 P.S.I. U.O.N.
3. SMALL MISSILE IMPACT: INSTALLATION UP TO 30 FT 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" HILTI KWIK-CON II WITH 1 3/4" MIN. EMBEDMENT INTO CONCRETE FILLED BLOCK OR BETTER. CONCRETE COMPRESSIVE STRENGTH=3000 PSI.
5. SHIMS SHALL BE MADE FROM MATERIAL CAPABLE OF SUSTAINING APPLICABLE LOADS, LOCATED AND APPLIED IN A THICKNESS CAPABLE OF SUSTAINING THESE LOADS. REFERENCE FLORIDA BUILDING CODE SECTION 1707.4.4.2 AND 3.
6. BASED ON FTL REPORT # 4237 DATED 11 JUNE, 04.

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SERIES No. 106
ROLLING GLASS WINDOW
SMALL MISSILE

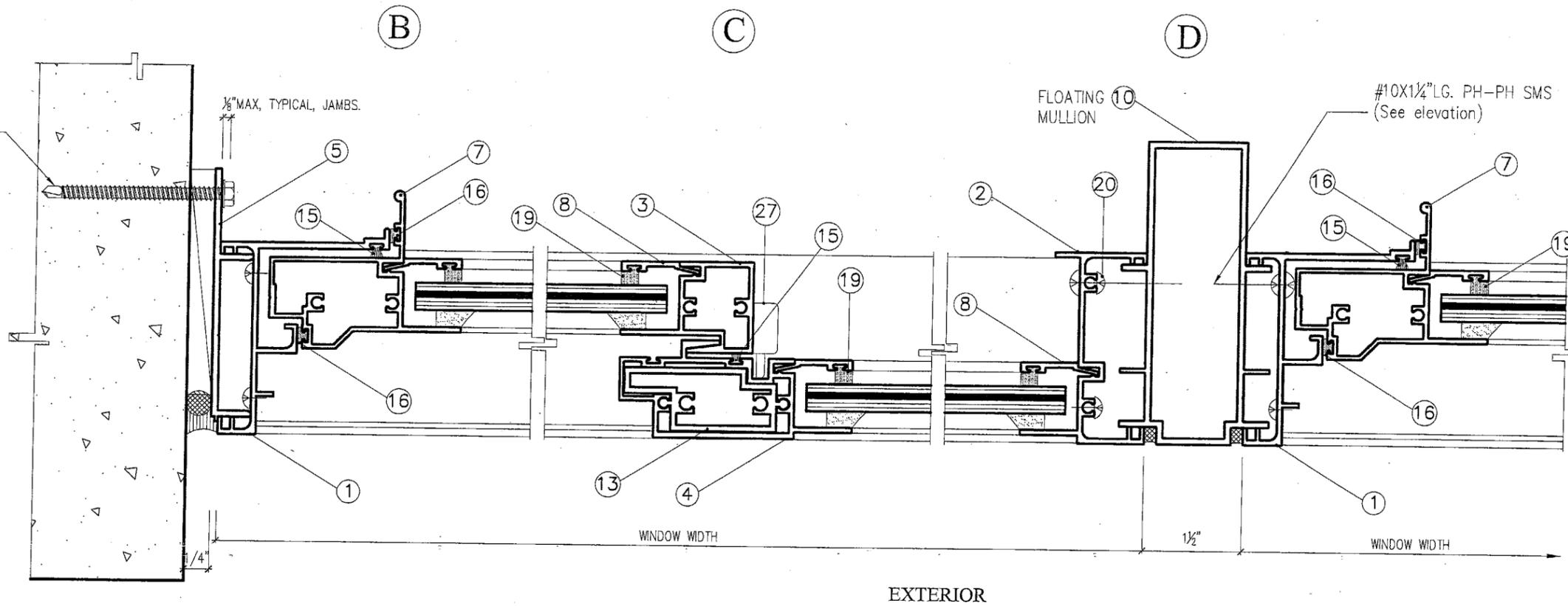
REVISION		
No	Date	Description
1	09-09-04	General Revision

Date: 07-07-04
Scale: As noted
Design by: G. S.
Drawing by: L. ORTA
Checked by: G. S.
Drawing No.: ROLLING-106 S
Sheet 1 of 5

Approved as complying with the Florida Building Code
Date: SEPT. 30 2004
NOA# 04-0714-03
Miami Dade Product Control Division
By: *[Signature]*

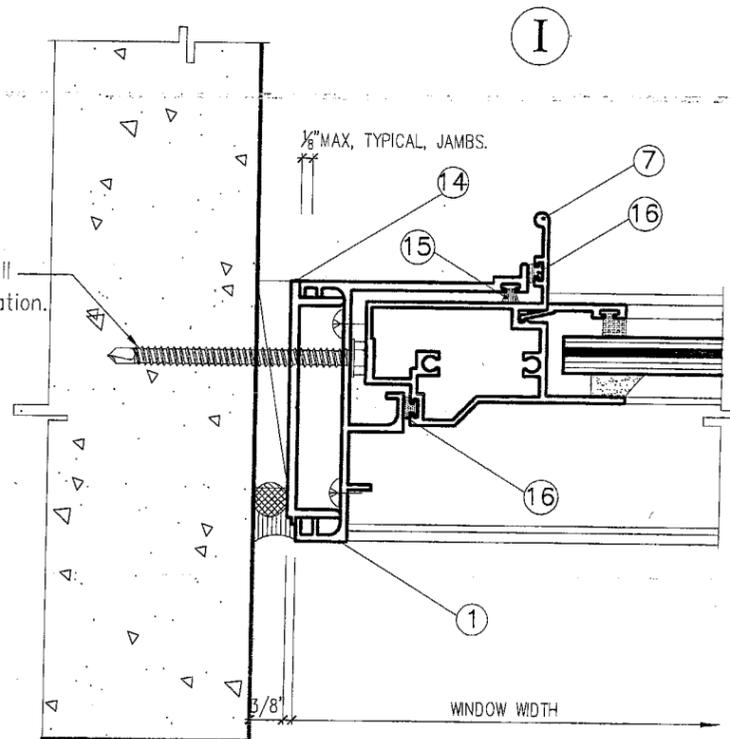
ELEVATION SHEET
[Signature]
9/9/04
KELVIN WHITFIELD P.E.
FLORIDA NO. 24140
1002 NE 116 STREET
MIAMI, FL 33161-6744

1/4" ϕ Kwik Con II
1 3/4" Min. Penetration.



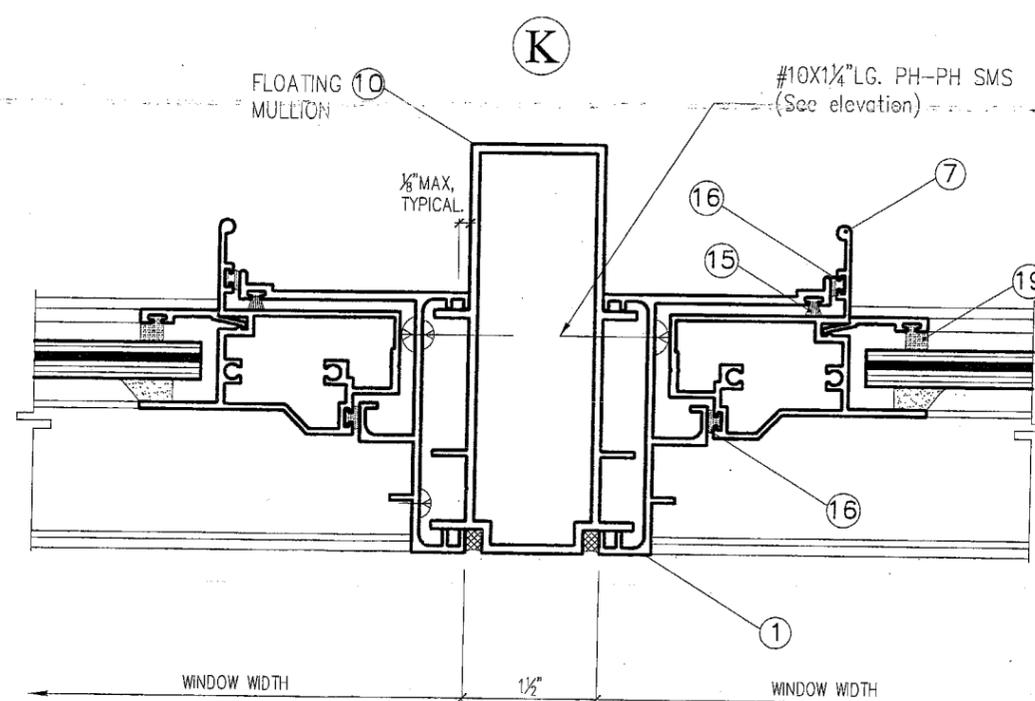
EXTERIOR

1/4" ϕ Kwik Con II
1 3/4" Min. Penetration.



EXTERIOR

FLOATING MULLION (10)
#10x1 1/4" LG. PH-PH SMS (See elevation)



EXTERIOR

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SERIES No. 106
ALUMINUM ROLLING WINDOW
SMALL MISSILE

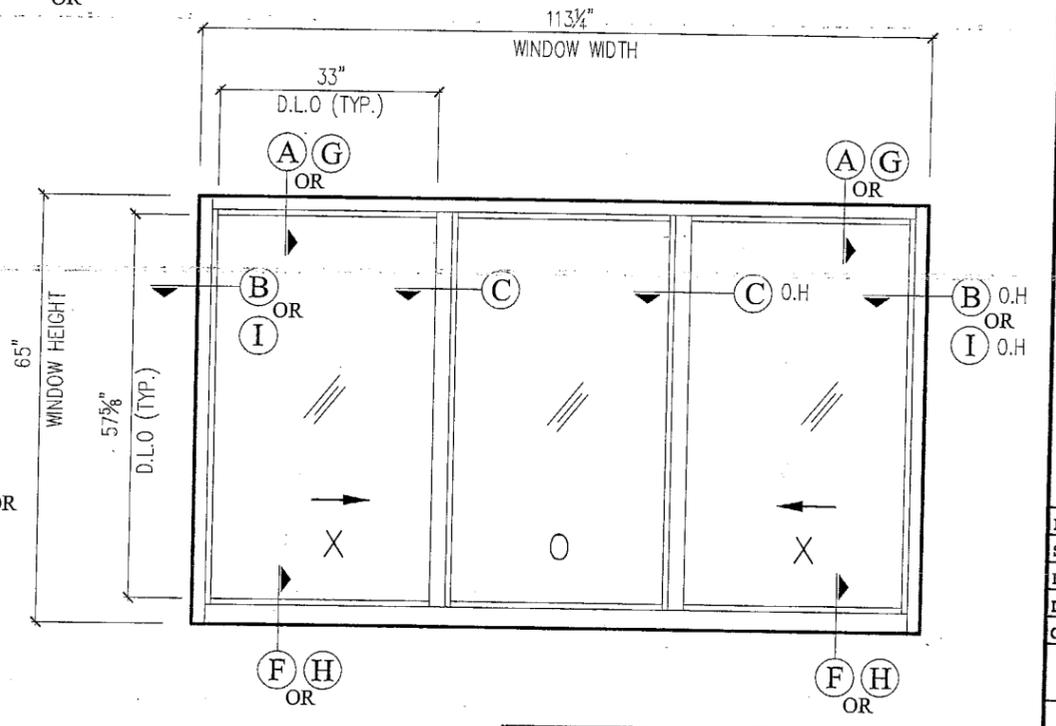
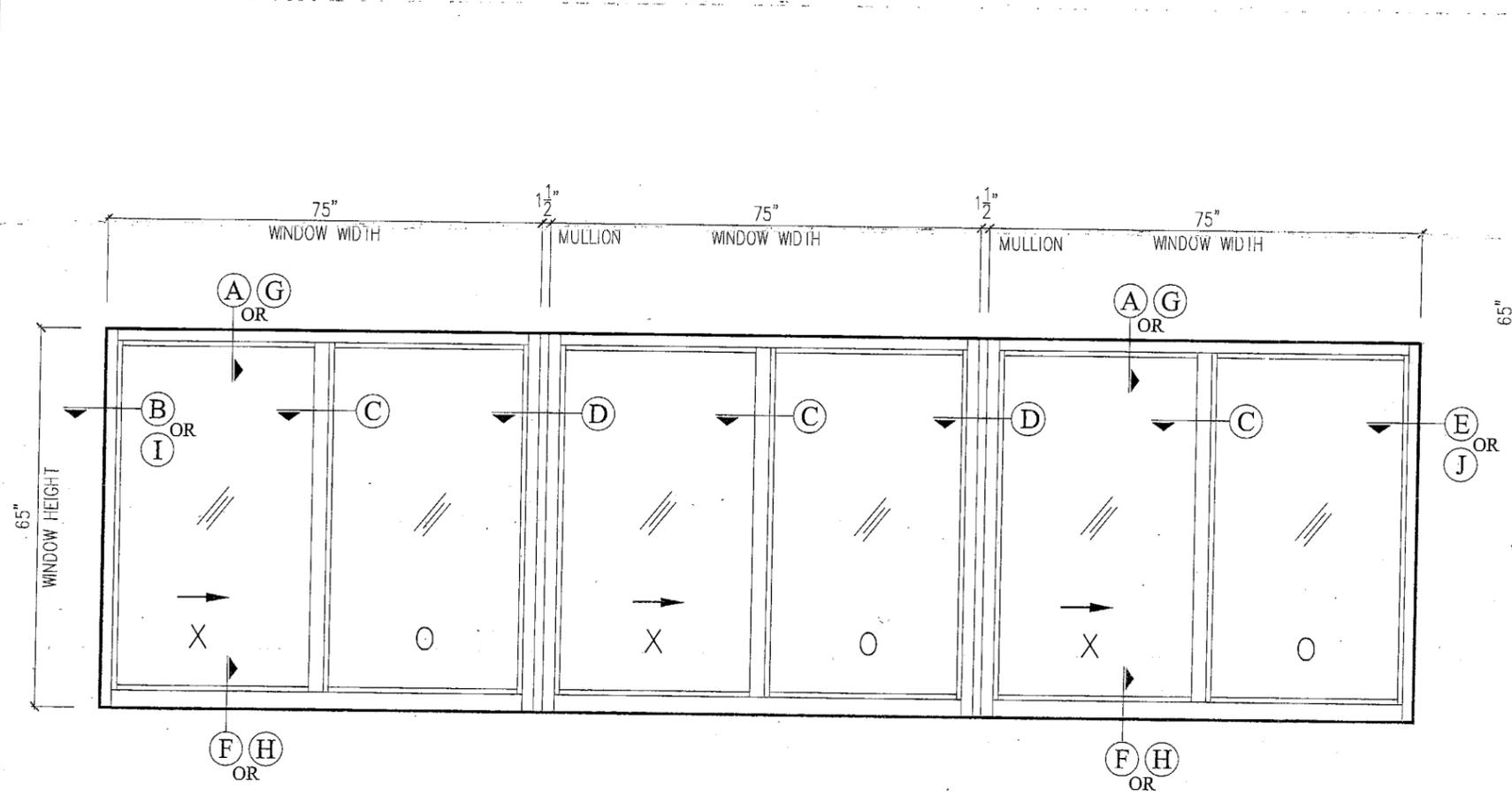
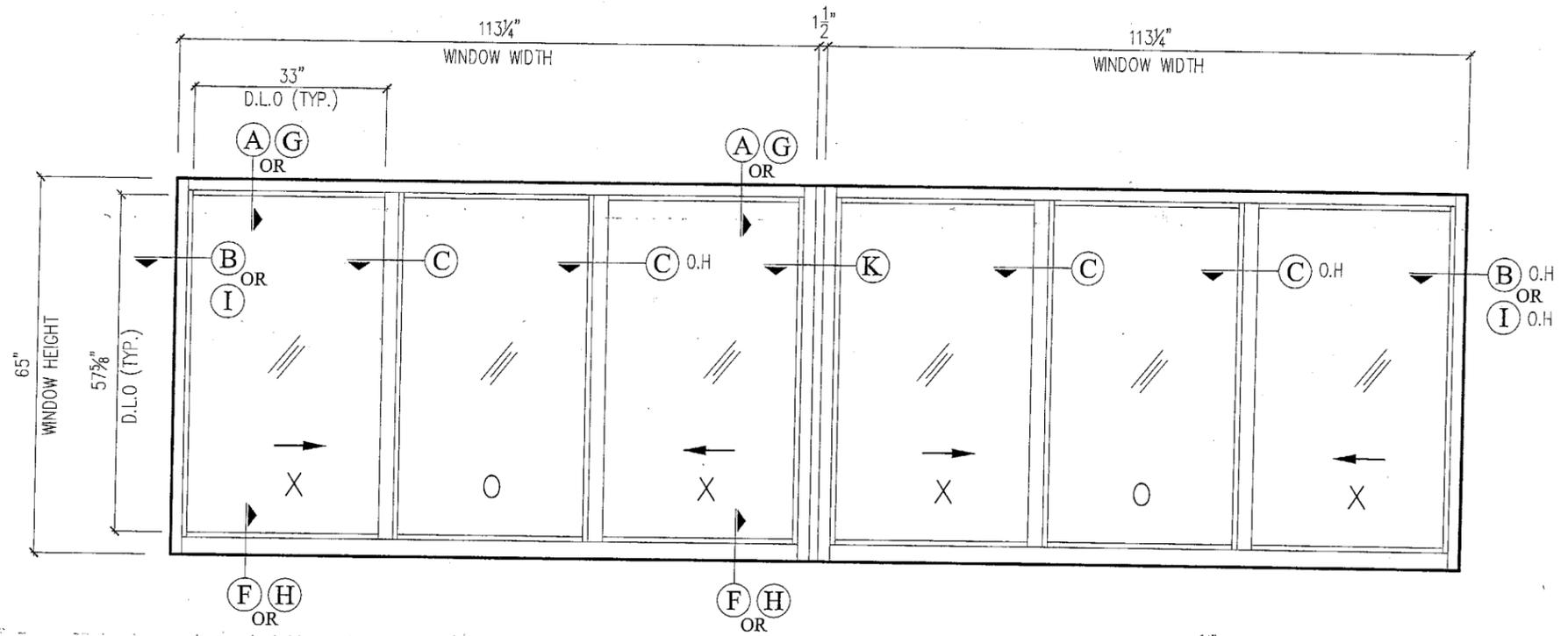
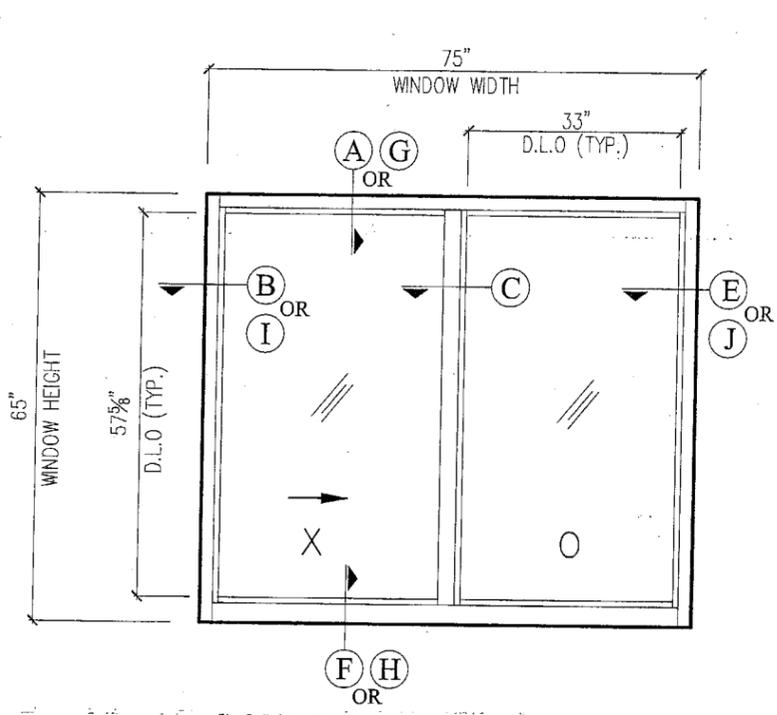
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No	Date	General Revision
1	09-09-04	

Date 07-07-04
Scale As noted
Design by G. S.
Drawing by L. ORTA
Checked by G. S.
Drawing No. ROLLING-106 S
Sheet 3 of 5

Approved as complying with the Florida Building Code
Date SEPT. 30, 2004
NOA# 04-0714.03
Miami Dade Product Control Division
By Manuel Perez

SECTION SHEET
Kelvin Whitfield
9/9/04
KELVIN WHITFIELD P.E.
FLORIDA NO. 24140
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CONFIGURATIONS
EXTERIOR VIEW



Glasswall LLC.
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SERIES No. 106
ROLLING GLASS WINDOW
SMALL MISSILE

REVISION		Date	Description
No.	By	08-08-04	General Revision
1			
2			
3			
4			
5			

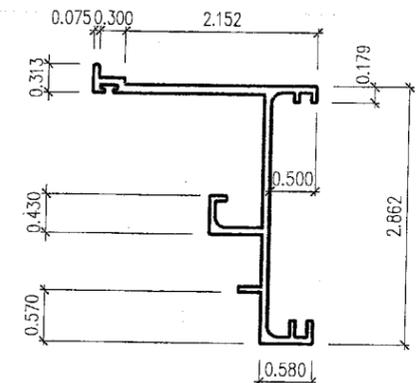
Date: 07-07-04
Scale: As noted
Design by: G. S.
Drawing by: L. ORTA
Checked by: G. S.
Drawing No.: ROLLING-106 S
Sheet 4 of 5

Approved as complying with the
Florida Building Code
Date SEPT 30, 2004
NOAH 04-0714.03
Miami Dade Product Control
Division
By: *Manuel*

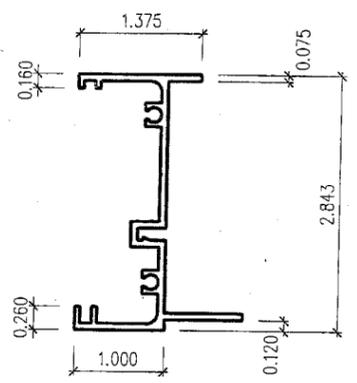
CONFIGURATION SHEET

Kelvin Whitfield
9/9/04

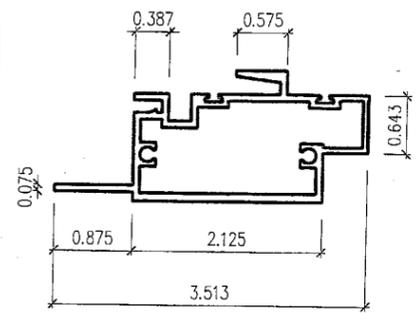
KELVIN WHITFIELD P.E.
FLORIDA NO. 24140
1002 NE 116 STREET
MIAMI, FL 33161-6744



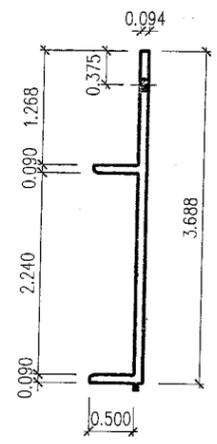
① Jamb Moving Frame # 106-003



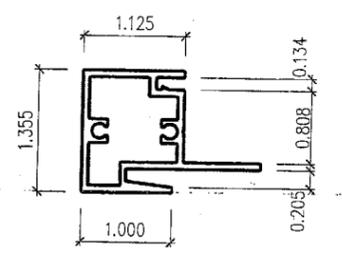
② Jamb Fixed Frame # 102-001



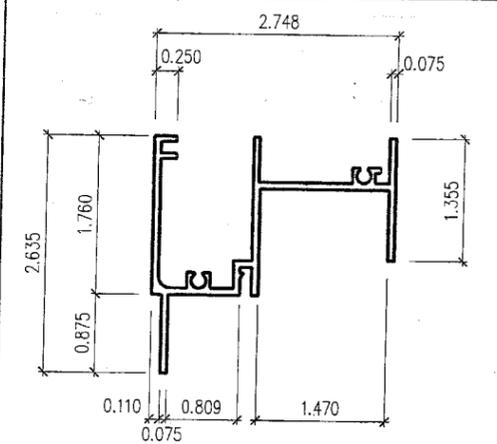
④ Intermediate # 102-004



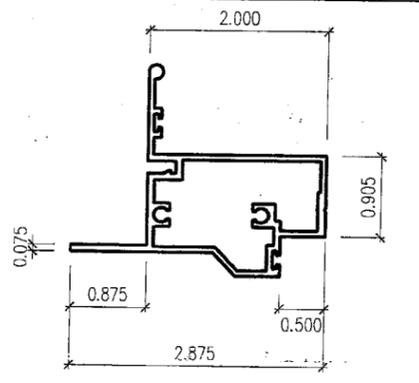
⑤ "F" Clip # 102-009



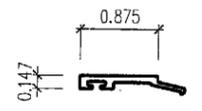
③ Moving Lock Stile # 102-005



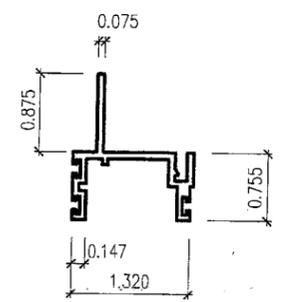
⑫ Head # 106-001



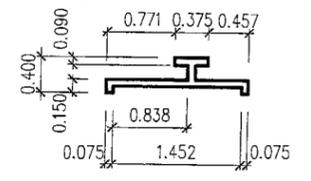
⑦ Jamb Moving Panel # 102-006



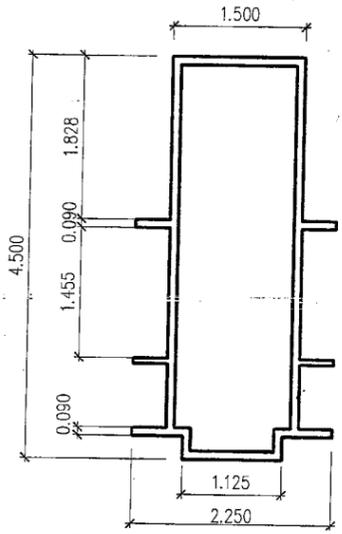
⑧ Glazing bead # 102-008



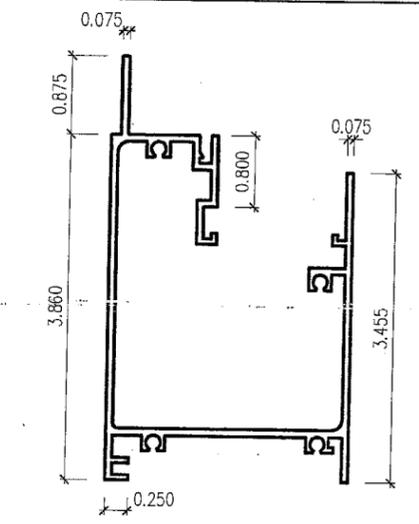
⑨ Side Rail # 106-005



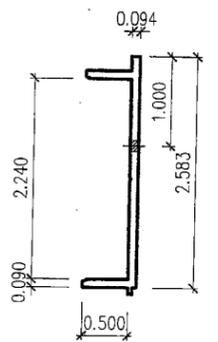
⑥ Sill Adaptor # 106-004



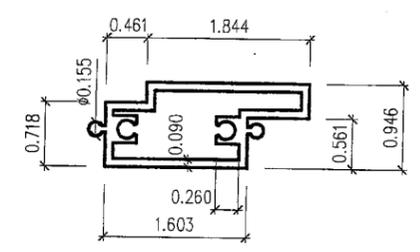
⑩ Mullion # 102-010



⑪ Sill # 106-002



⑭ "F" Clip ripped # 102-009



⑬ Reinf Fixed Stile # 106-006

Item Number	Part Number	Part Name	Remarks
1	106-003	Jamb Moving Frame	Frame
2	102-001	Jamb Fixed Frame	Frame
3	102-005	Moving Lock Stile	Panel
4	102-004	Intermediate	Frame
5	102-009	"F" Clip	
6	106-004	Sill Adaptor	
7	102-006	Jamb Moving Panel	Panel
8	102-008	Glazing Bead	Panel
9	106-005	Side Rail	Panel
10	102-010	Mullion	
11	106-002	Sill	Frame
12	106-001	Head	Frame
13	106-006	Clip	1 1/2" LG At Bottom of Intermediate
14	102-009	"F" Clip ripped	
15	# 568-62379	Fin Seal Pile	Prototype Plastic Extrusion Co. Inc.
16	# 679-FP-448B	Bulb Vinyl	Prototype Plastic Extrusion Co. Inc.
17	PAD	2" X 1 3/8" X 1" HT	AT TOP OF INTERLOCK
18	Setting Block	EPDM	3/16" THK. x 3/4" x 4" LG.
19	679-FP-688B	Vinyl Glass Spacer	Prototype Plastic Extrusion Co. Inc.
20		#10 x 1" LG. PH-PH SMS	Assembly Frame & Vent
21		Baffle 1"x 1"x 2"LG.	30 PPI
22	PAD	2" X 7/8" X 1" HT	AT BOTTOM OF VENT AT INTERLOCK
23	RH-200	Wheel	M & M. Plastic Corp.
24	WPHP-100	Weep Housing and Flad	M & M Plastic Corp. attached with (2) #6x1/2" PH-SMS SCREWS.
25	#568-61279	Fin Seal Pile	Prototype Plastic Co. Inc
26		1"x 1/4" Weep Hole	One at Each Ends of Sill
27	SL01-GW	Lock	Door and Window Hardware co.
28		1/2"x 1" Slot	At Sill Adaptor 6" From Ends and 12" O.C.

ROLLING GLASS WINDOW

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SERIES No. 106
ALUMINUM ROLLING WINDOW
SMALL MISSILE

REVISION		Description	
No	Date	By	General Revision
1	08-09-04		

Date: 07-07-04
 Scale: As noted
 Design by: G. S.
 Drawing by: L. O.
 Checked by: G. S.
 Drawing No. ROLLING-106 S
 Sheet 5 of 5

Approved as complying with the Florida Building Code
 Date SEPT. 30, 2004
 NOA# 04-0714.03
 Miami Dade Product Control Division
 By: *Maureen Gray*

LIST PART
Kelvin Whitfield
 9/9/04
 KELVIN WHITFIELD P.E.
 FLORIDA NO. 24140
 1002 NE 116 STREET
 MIAMI, FL 33161-6744