



MIAMI-DADE COUNTY
BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
 11805 SW 26th Street, Room 208
 MIAMI, FLORIDA 33175-2474
 T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building/home.asp

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 Section 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 Section (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 Section 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 "105L" Aluminum Outswing Projected Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 105L, titled "Series-105L Aluminum Outswing Projected Window-L.M.I.", sheets 1 through 4 of 4, prepared by Glasswall, LLC., dated 10/23/03 with the latest revision no. "2", dated 11/23/10, signed and sealed by Kelvyn 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 Section.

MISSILE IMPACT RATING: Large and 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.

REVISION 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 **renews NOA No. 04-0126.02** and consists of this page 1, evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
 12/9/10

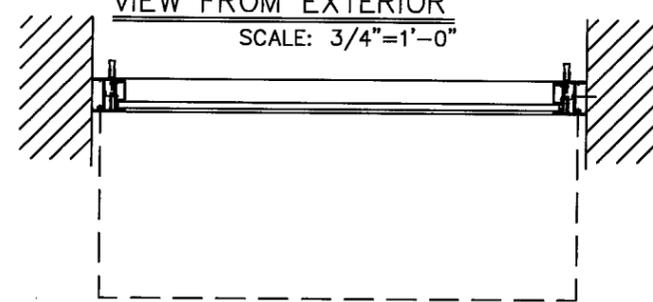
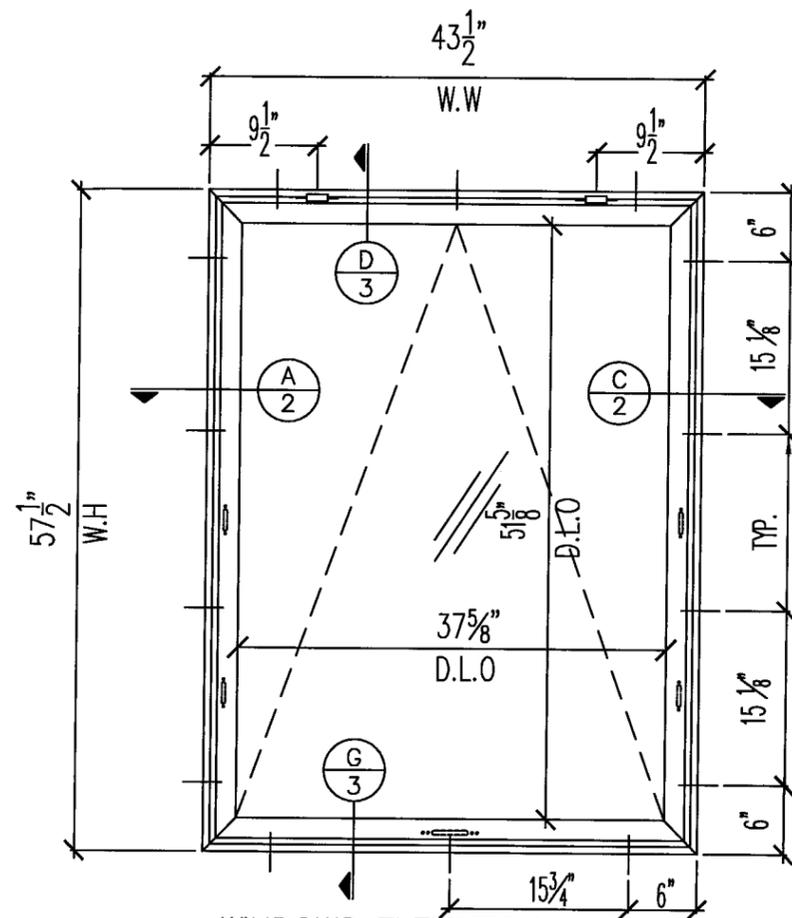
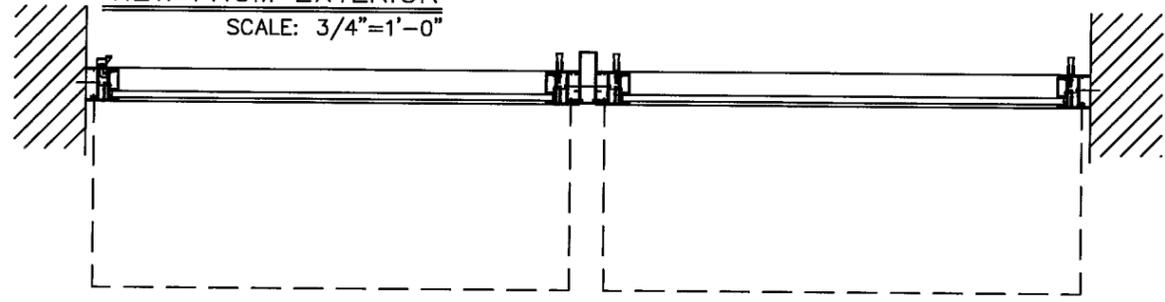
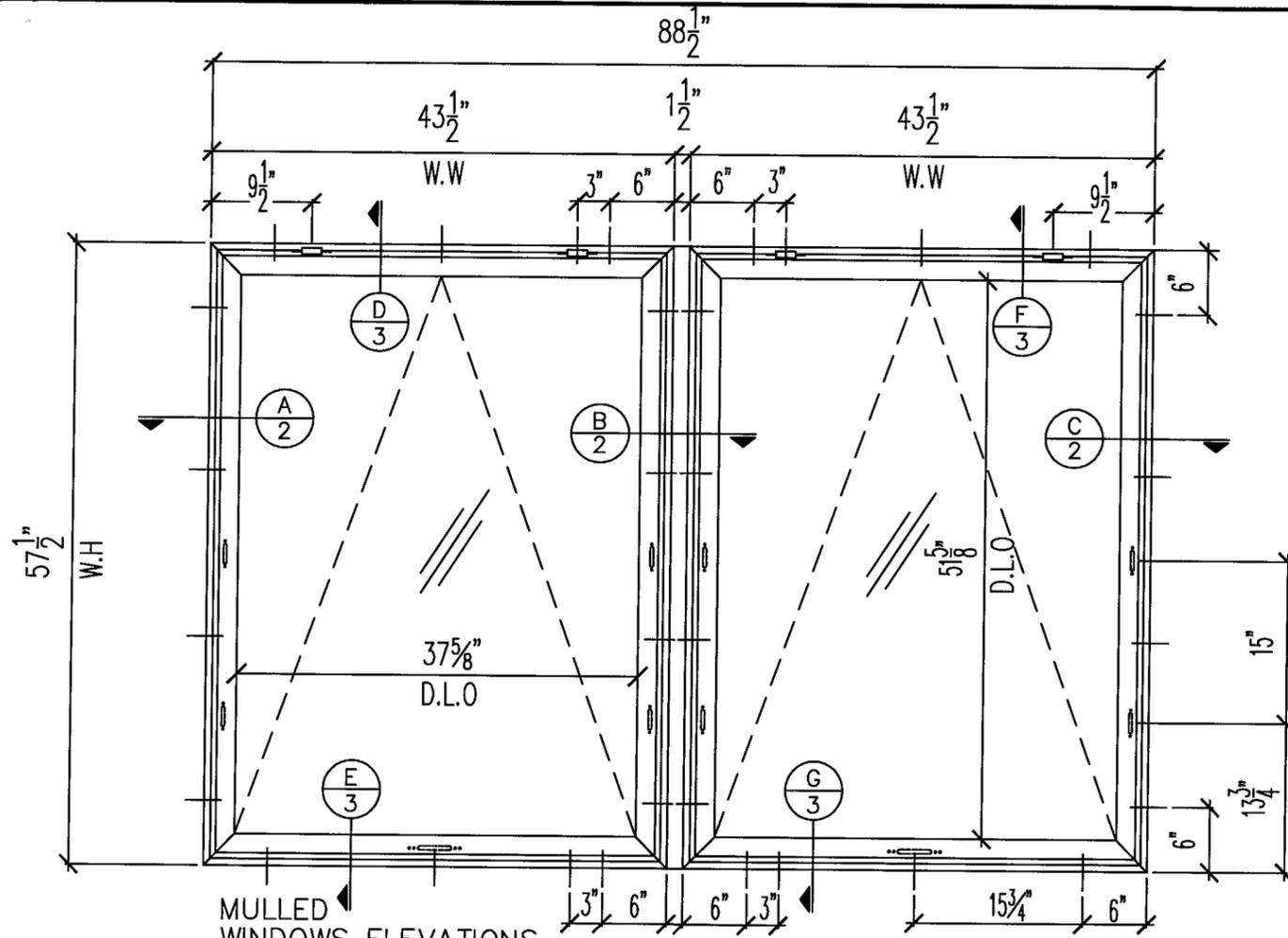
NOA No. 10-1104.02
Expiration Date: April 08, 2014
Approval Date: December 30, 2010
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS**
1. Manufacturer's die drawings and sections.
 2. Drawing No **105L**, titled "Series-105 Aluminum Outswing Projected Window – L.M.I.", sheets 1 through 4 of 4, prepared by Glasswall, LLC., dated 10/23/03 with the latest revision no. "2", dated 11/23/10, 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) Large 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, TAS 202-94
along with marked-up drawings and installation diagram of an aluminum projected/casement window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.'s **FTL-3957** and **FTL-3958**, dated 11/10/03, signed and sealed by Edmundo J. Largaespada, P. E.
(Submitted under previous NOA No.04-0126.02)
- C. CALCULATIONS**
1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared, signed, sealed and dated 10/22/10 by Kelvyn Whitfield, P. E.
Complies with ASTM E1300-02/ 04
- D. QUALITY ASSURANCE**
1. Miami-Dade Building and Neighborhood Compliance Department (BNC).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **10-0413.04** issued to E. I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/26/2010, expiring on 01/14/12.
- F. STATEMENTS**
1. Statement letter of conformance, no financial interest and compliance with the FBC 2007, dated April 30, 2010, signed and sealed by Kelvyn Whitfield, P. E.
 2. Laboratory compliance letter for Test Reports No.'s **FTL-3957** and **FTL-3958**, issued by Fenestration Testing Laboratory, Inc., dated November 10, 2003, signed and sealed by Edmundo J. Largaespada, P. E.
(Submitted under previous NOA No. 04-0126.02)
- G. OTHERS**
1. Notice of Acceptance No. **04-0126.02**, issued to Glasswall, LLC for their "Series-105 Aluminum Projected/ Casement Window-L.M.I.", approved on 04/08/04 and expiring on 04/08/09.



Jaime D. Gascon, P. E.
Chief, Product Control Division
NOA No. 10-1104.02
Expiration Date: April 08, 2014
Approval Date: December 30, 2010



GLASSWALL:
ALUMINUM OUTSWING
SERIES 105 PROJECTED WINDOW
LARGE MISSILE IMPACT

- NOTES
1. THIS WINDOW SYSTEM HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (2007) CHAPTER 16. CHAPTER 24, UNDER THE SPECIFIC CONDITIONS SHOWN ON THIS DRAWING.
 2. ALL EXTRUSIONS ARE ALUMINUM, 6063-T6 ALLOY, WITH A MINIMUM Fy OF 25,000 P.S.I. U.O.N.
 3. LARGE MISSILE IMPACT: INSTALLATION WILL NOT REQUIRE A HURRICANE PROTECTION SYSTEM.
 4. ALL ANCHORS INTO CONCRETE, ARE 5/16" TAPCON ITW BUILDDEX WITH 1 1/2" MIN. EMBEDMENT INTO CONCRETE FILLED BLOCK OR BETTER. ALL ANCHOR INTO METAL OR MULLION ARE #14 TEKS OR SMS.
 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 1714.5.4.2 AND 3.

Glasswall LLC.
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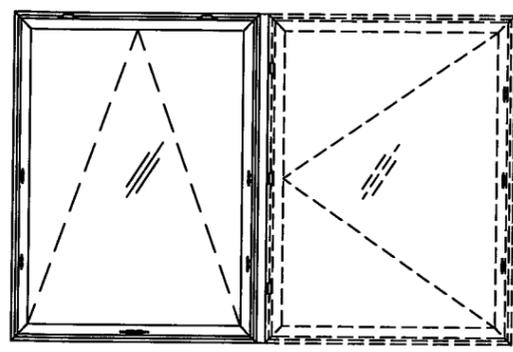
SERIES 105
ALUMINUM OUTSWING
PROJECTED WINDOW
LARGE MISSILE

Revision		Date	Description	By	Engineer Rev.
#1		10/28/10	T.C.		
#2		11/23/10	T.C.		

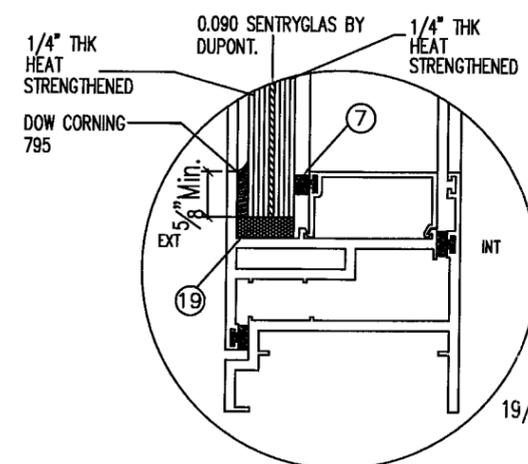
Date	09-28-10
Scale	3/4"=1'
Design by	D. D.
Drawing by	V. G.
Checked by	D. D.
Drawing No.	SERIES # 105L
Sheet 1 of 4	

PROJECTED WINDOWS

Type	Window Dimensions		Design Load Capacity (P. S. F.)	
	Width	Height	Positive	Negative
Projected	43 1/2"	57 1/2"	100	100



THIS WINDOW CAN BE MULLED WITH SERIES 105 CASEMENT WINDOW (SEE SEPARATE N.O.A.)



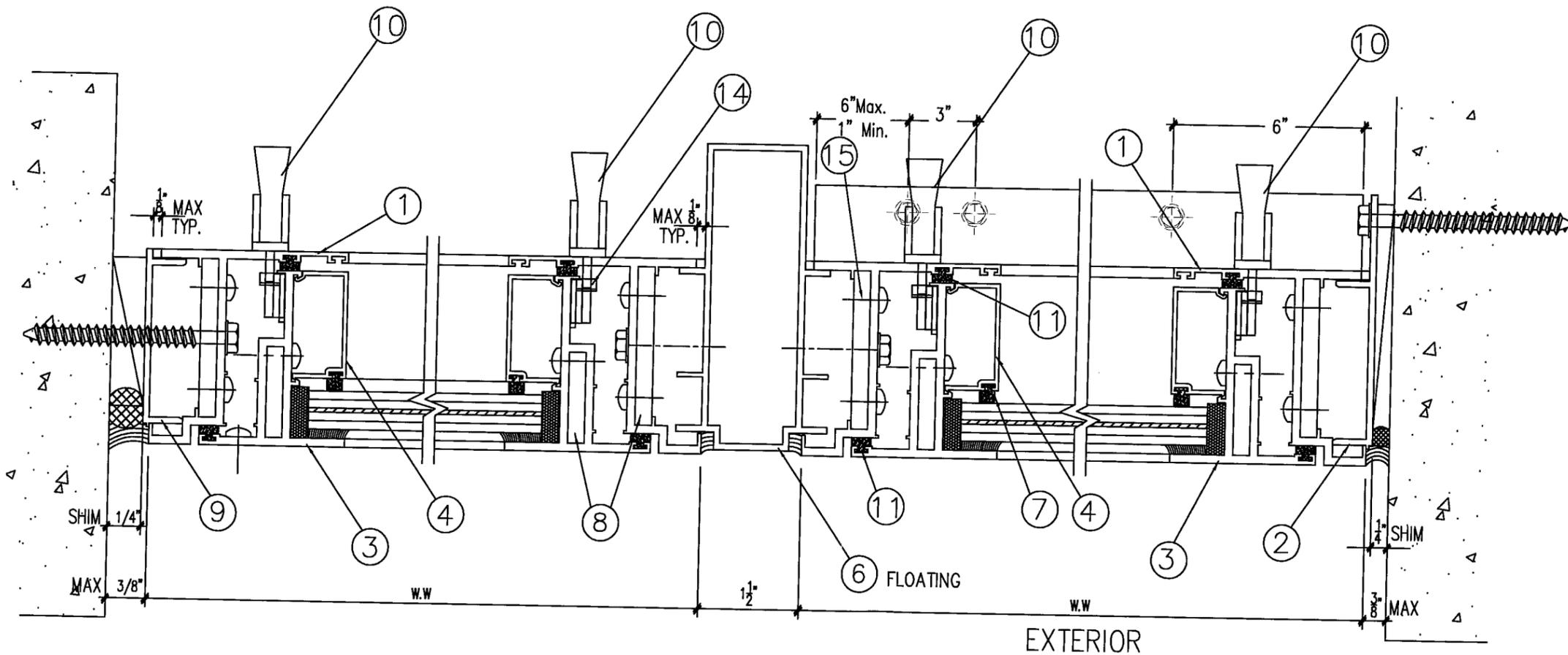
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-1104.02
Expiration Date 08/08/2014
Miami Dade Product Control
Division

PARTS SHEET
KELVYN WHITFIELD, P.E.
1002 NE 116 ST
MIAMI, FL 33161
DATE: 11/23/10
FLORIDA No-24140
MECHANICAL

DETAIL A
SCALE: 6"=1'-0"

DETAIL B
SCALE: 6"=1'-0"

DETAIL C
SCALE: 6"=1'-0"



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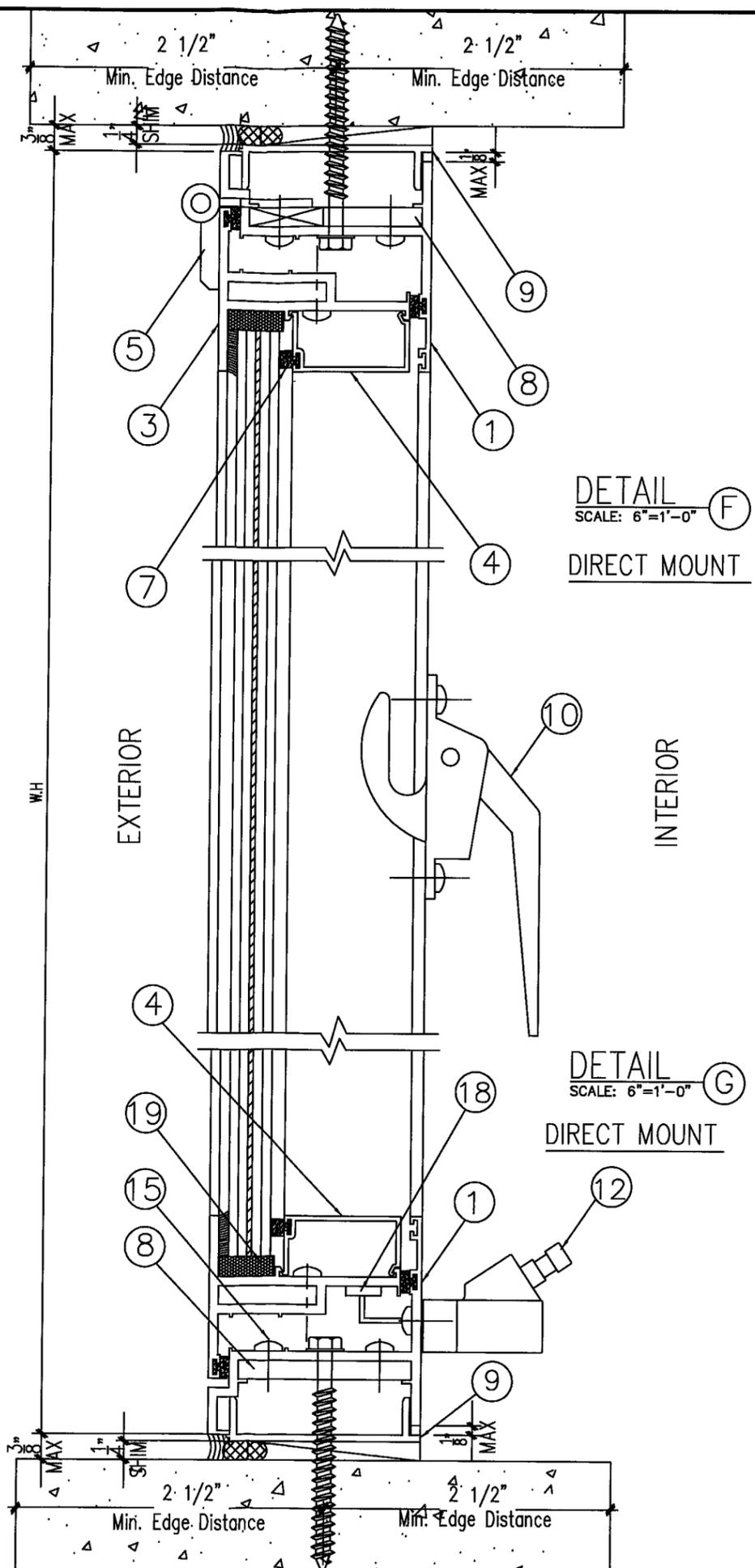
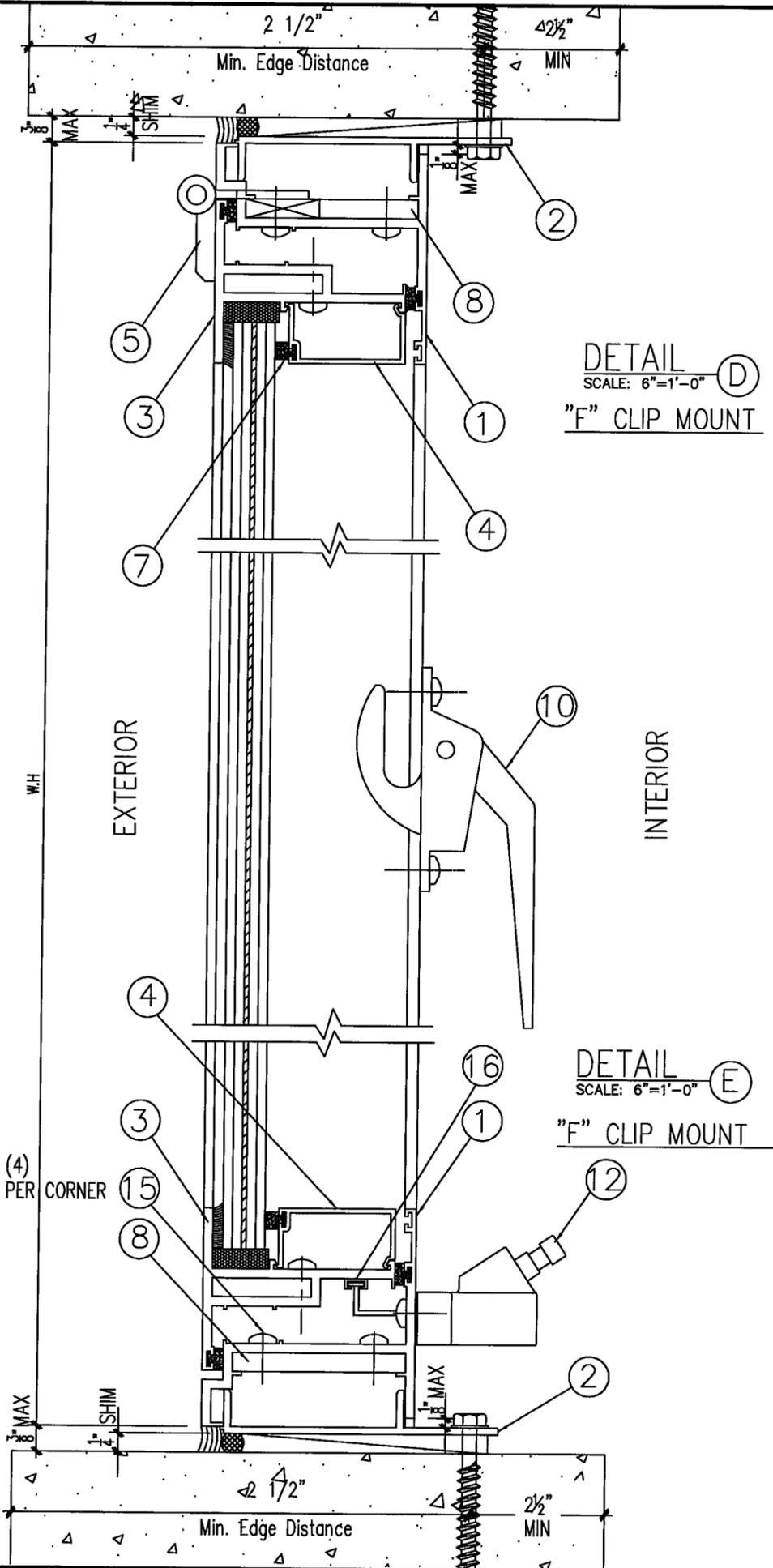
SERIES 105
ALUMINUM OUTSWING
PROJECTED WINDOW
LARGE MISSILE

Revision		
No	Date	By Description Engineer Rev.
#2	11/23/10	T.C.

Date 09-28-10
Scale 6"=1'
Design by D. D.
Drawing by V. G.
Checked by D. D.
Drawing No. SERIES # 105L
Sheet 2 of 4

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-1104-02
Expiration Date 04/08/2014
By *[Signature]*
Miami Dade Product Control
Division

PARTS SHEET
KELVYN WHITFIELD.P.E
1002 NE 116 ST
MIAMI, FL 33161
[Signature]
DATE: 11/23/10
FLORIDA No-24140
MECHANICAL



Glasswall Inc.
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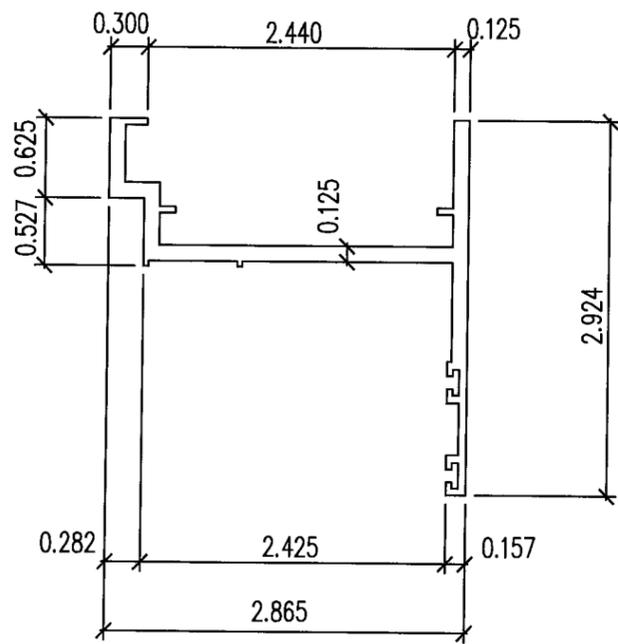
**SERIES 105
 ALUMINUM OUTSWING
 PROJECTED WINDOW
 LARGE MISSILE**

Revision		By	Description
No	Date	r.c.	Engineer Rev.
#2	11/23/10		

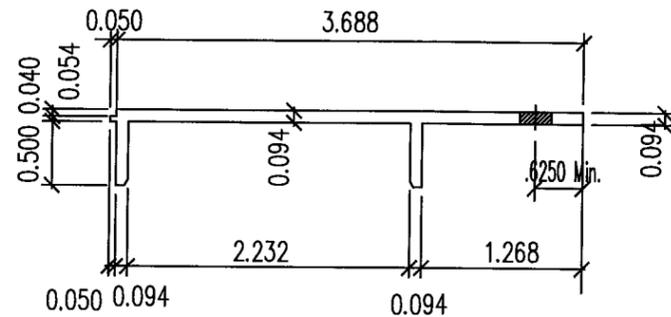
Date 09-28-10
 Scale 6"=1'
 Design by D. D.
 Drawing by V. G.
 Checked by D. D.
 Drawing No. SERIES # 105L
 Sheet 3 of 4

PRODUCT RENEWED
 as complying with the Florida
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 Acceptance No. 10-1104.02
 Expiration Date 04/08/2011
 By *[Signature]*
 Miami Dade Product Control
 Division

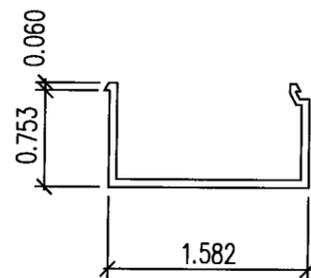
ELEVATION SHEET
 KELVYN WHITFIELD, P.E.
 1002 NE 116 ST
 MIAMI, FL 33161
[Signature]
 DATE: 11/23/10
 FLORIDA No-24140
 MECHANICAL



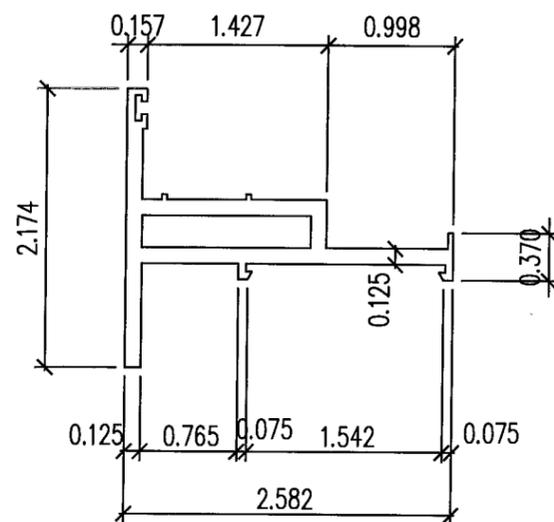
① WINDOW FRAME
105-002



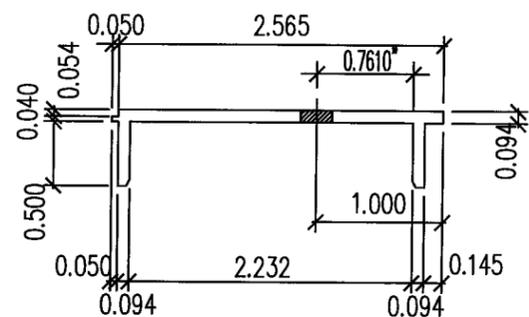
② ANCHOR ("F" CLIP)
102-009



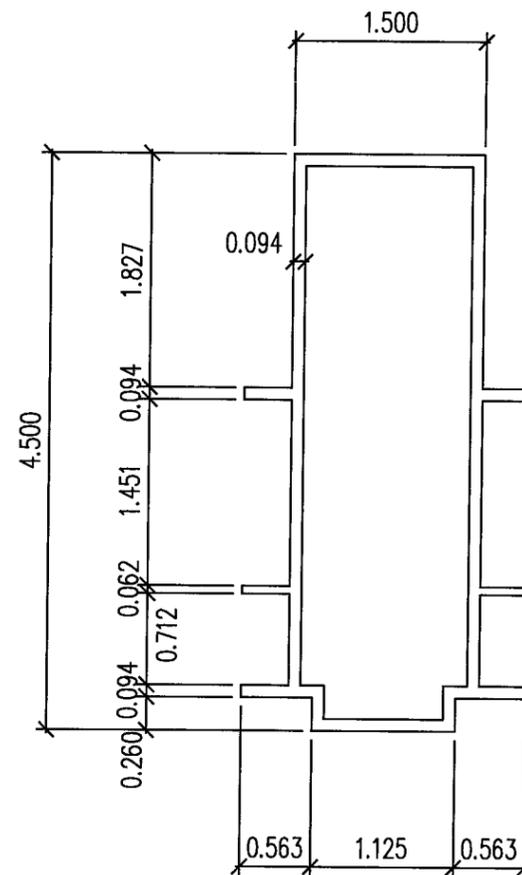
④ GLAZING BEAD
105-003



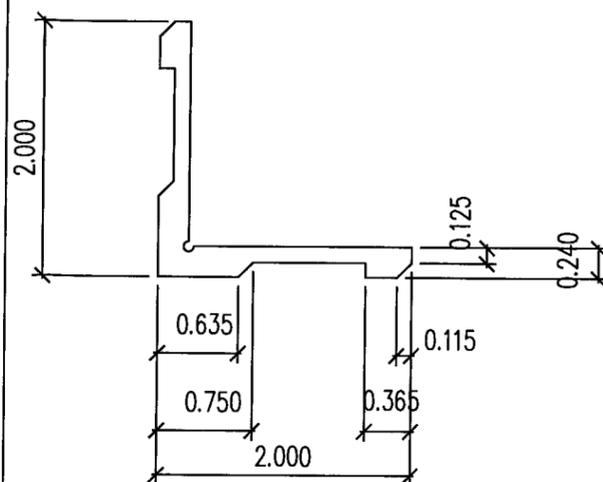
③ VENT FRAME
105-001



⑨ ANCHOR ("F" CLIP) RIP
102-009



⑥ MULLION
102-010



⑧ CORNER LOCK
105-004

Item Number	Part Number	Part Name	Remarks	Material
1	105-002	FRAME		ALUM. 6063-T6
2	102-009	ANCHOR ("F" CLIP)		ALUM. 6063-T6
3	105-001	VENT FRAME		ALUM. 6063-T6
4	105-003	GLAZING BEAD		ALUM. 6063-T6
5	# AH-GW	HINGE (ASSEMBLE WITH (5) #10)	WINDOW HARDWARE	ALUM. 6063-T6
6	102-010	MULLION		ALUM. 6063-T6
7	679-FP-688B	VINYL GLASS SPACER	PROTOTYPE PLASTIC	EPDM 70±5 SHORE "A"
8	105-004	CORNER LOCK		ALUM. 6063-T6
9	102-009	ANCHOR ("F" CLIP) RIP		ALUM. 6063-T6
10	THUTH # 24.13	LOCKING HANDLE	ASSEMBLE WITH (2) #10	CAST METAL
11		GASKET		EPDM 70±5 SHORE "A"
12	# 22.27	ROTO OPERATOR		STEEL
14	# 31376	KEEPER	ASSEMBLE WITH (2) #10	STEEL
15	SCREW	# 10 X 1/2 PH-PH SMS	(4) PER CORNER	ST/ST
16	30175	TRACK		STEEL
17	NOT USED	NOT USED	NOT USED	NOT USED
18	# 31336	SASH HOOK		CAST METAL
19	SETTING BLOCK	3/16" x 3/4" X 4" LG.		

PROJECTED WINDOWS

SERIES 105
ALUMINUM OUTSWING
PROJECTED WINDOW
LARGE MISSILE

No	Date	By	Description
#2	11/23/10	T.C.	Engineer Rev.

Date 09-28-10

Scale N.T.S.

Design by D. D.

Drawing by V. G.

Checked by D. D.

Drawing No.
SERIES # 105L

Sheet 4 of 4

PRODUCT RENEWED
is complying with the Florida
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Acceptance No. 10-1104-02
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By [Signature]
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