



**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.
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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 101 Aluminum Window Wall System – Large Missile Impact

APPROVAL DOCUMENT: Drawing No. **02-0164**, titled "Series # 101 Fixed Window – Large Missile", sheets 1 through 5 of 5, dated 12/4/04, with revision #4 dated 04/07/05, 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: 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.

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 # **02-0329.02** 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 04-1208.04
Expiration Date: September 27, 2006
Approval Date: May 05, 2005
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **02-0164**, titled "Series # 101 Fixed Window - Large Missile", sheets 1 through 5 of 5, dated 12/4/04, with revision # 4 dated 04/07/05, prepared by manufacturer, signed and sealed by Kelvyn A. Whitfield, P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
2) Large Missile Impact Test per SFBC, PA 201-94
3) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked-up drawings and installation diagram of a series 101 aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4034**, dated 01/13/04, signed and sealed by Edmundo Largaespada, P.E.
2. 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) Large Missile Impact Test per SFBC, PA 201-94
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked-up drawings and installation diagram of 1 specimen of a series 101 aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3348**, dated February 5, 2002, signed and sealed by Luis A. Figueredo, P.E. "*Submitted under previous approval 02-0329.02*"
3. 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
along with marked-up drawings and installation diagram of a series 101 aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3349**, dated February 7, 2002, signed and sealed by Luis A. Figueredo, P.E. "*Submitted under previous approval 02-0329.02*"



Manuel Perez, P.E.
Product Control Examiner
NOA No 04-1208.04

Expiration Date: September 27, 2006
Approval Date: May 05, 2005

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. 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. **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 1/17/01.

“Submitted under previous approval 02-0329.02”

C. CALCULATIONS

1. Anchor Calculations and structural analysis, dated 2/11/02, with revision dated 6/21/02, prepared by Kelvyn A. Whitfield, Mechanical Engineer, signed and sealed by Kelvyn A. Whitfield, P.E.
“Submitted under previous approval 02-0329.02”
2. Anchor Calculations, ASTM-E1300, and structural analysis, prepared by Kelvyn A. Whitfield, Mechanical Engineer, file # F24-118, dated 12/04/04, signed and sealed by Kelvyn A. Whitfield, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

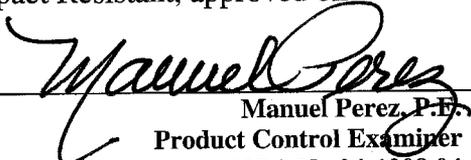
1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for their “Sentry Glass ® Plus” dated 01/17/02, expiring on 01/14/07.

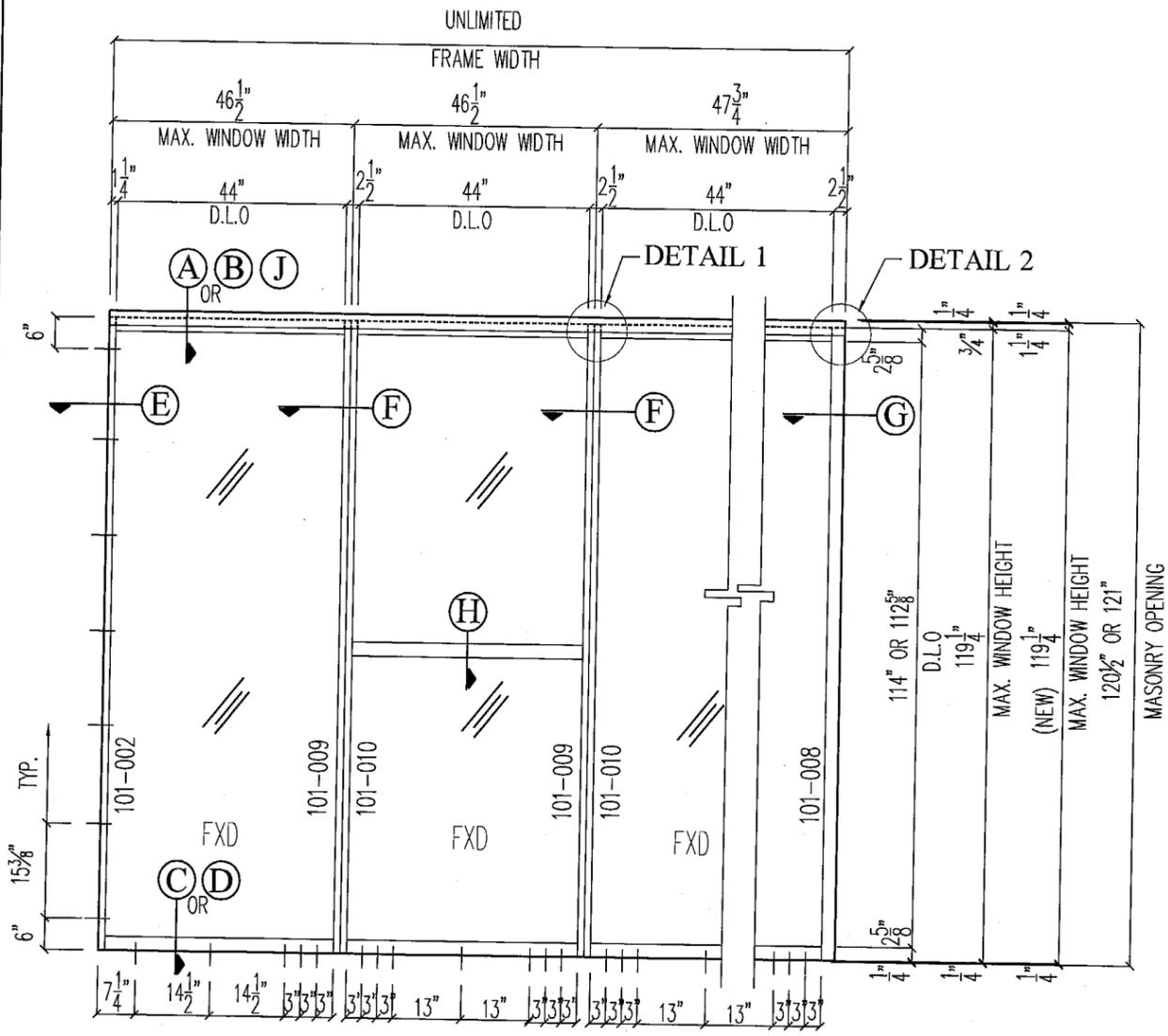
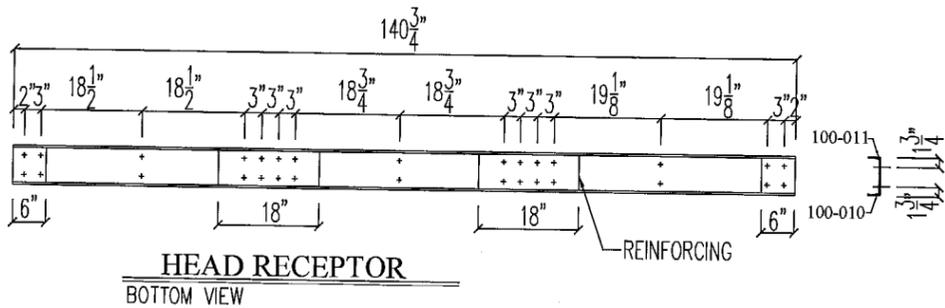
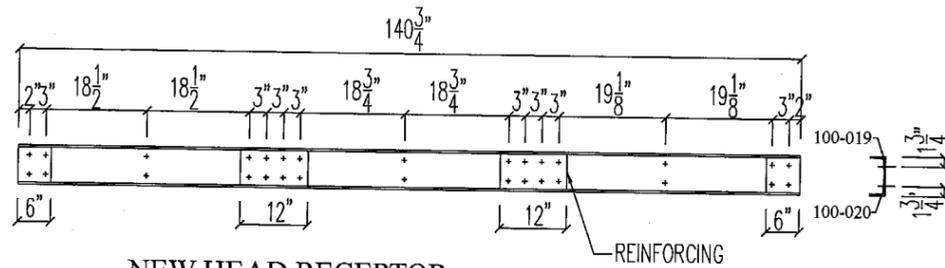
F. STATEMENTS

1. Statement letter of conformance, dated 12/04/04, signed and sealed by Kelvyn A. Whitfield, P.E.
2. Statement letter of no financial interest, dated 12/04/04, signed and sealed by Kelvyn A. Whitfield, P.E.

G. OTHER

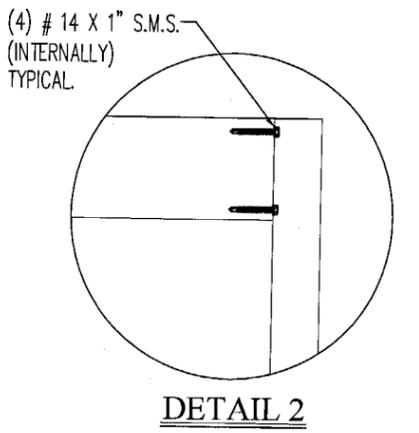
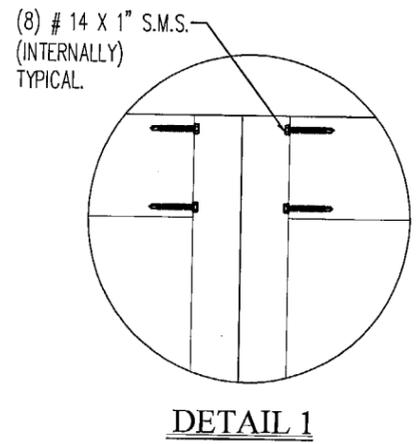
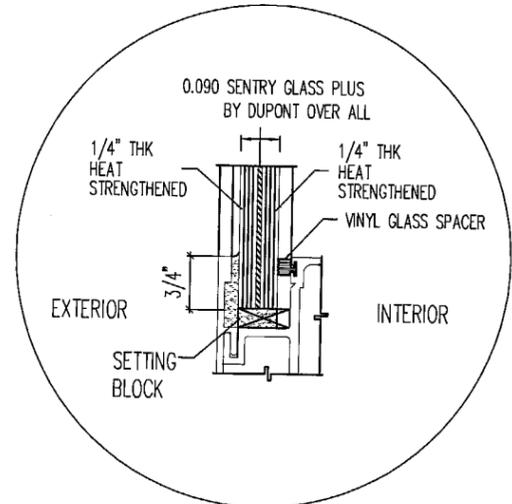
1. Notice of Acceptance No. **02-0329.02**, issued to Glasswall and Doors, Inc. for their Series 101 Aluminum Window Wall System – Impact Resistant, approved on 07/25/02 and expiring on 09/27/06.


Manuel Perez, P.E.
Product Control Examiner
NOA No 04-1208.04
Expiration Date: September 27, 2006
Approval Date: May 05, 2005



**GLASSWALL: SERIES 101 ALUMINUM WINDOW WALL.
LARGE MISSILE IMPACT**

- NOTES**
1. THIS WINDOW SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2001. FLORIDA BUILDING CODE CHAPTER 16 AND 24 AND UNDER THE SPECIFIC CONDITIONS SHOWN ON THIS DRAWING.
 2. ALL EXTRUSIONS ARE ALUMINUM, 6005-T5 UNLESS OTHERWISE NOTED.
 3. BASED ON REPORT LABORATORY No.3348 AND No.4034 FENESTRATION TESTING LAB., INC.
 4. REVISION OF WINDOW WALL SYSTEM NOA 02-0329.02



Design Load Capacity (P. S. F.)	
POSITIVE	NEGATIVE
110	110

No	Date	By	Description	Redraw and Revised
3	12-4-04			
4	04-07-05			

Date: 12-4-04
Scale: As noted
Design by: G. S.
Drawing by: L. O.
Checked by: C. S.
Drawing No.: 02-0184
Sheet 1 of 5

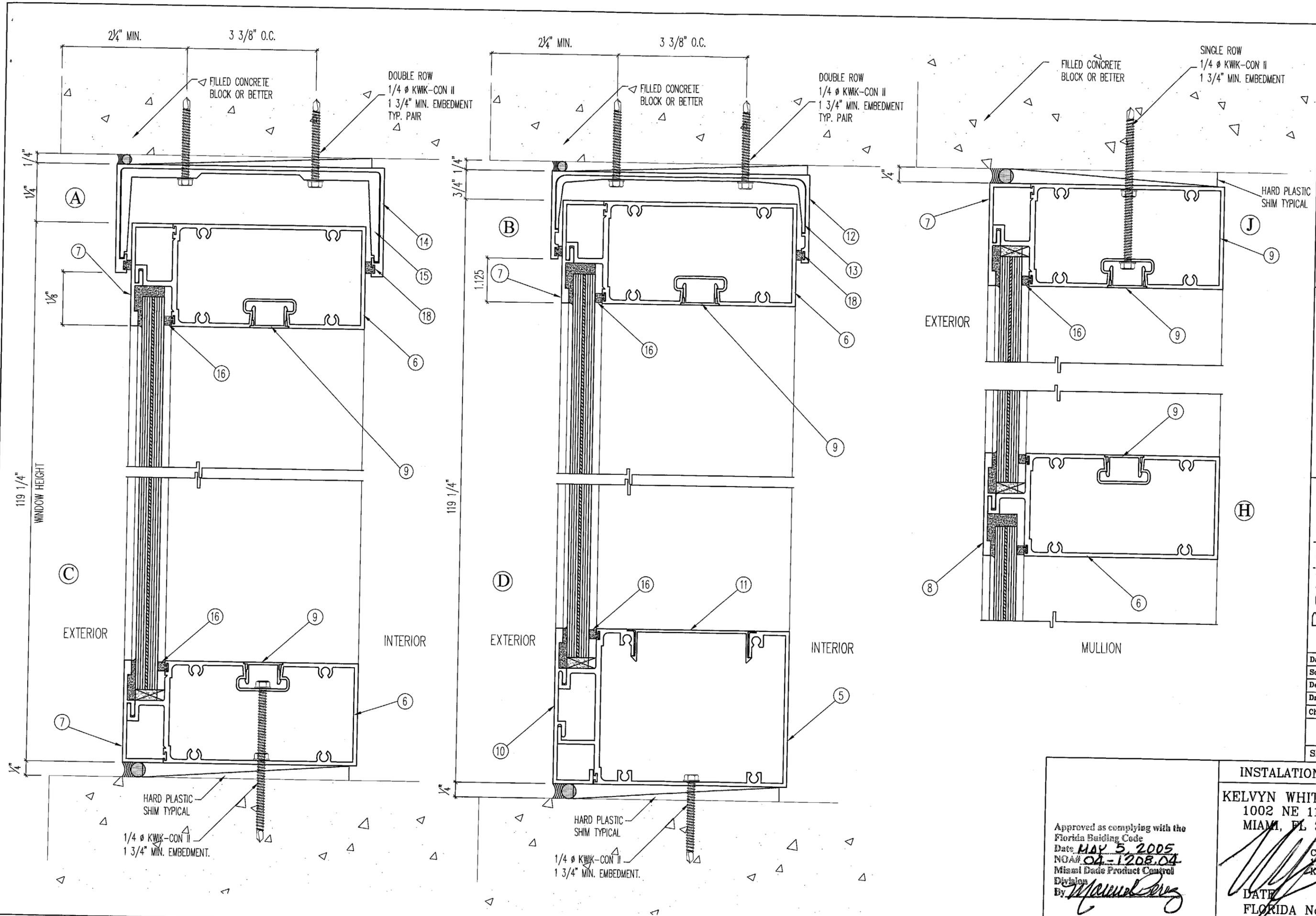
Approved as complying with the Florida Building Code
Date: **MAY 5, 2005**
NOA# **04-1208.04**
Miami Dade Product Control
Division
By: *[Signature]*

ELEVATION SHEET
KELVYN WHITFIELD.P.E.
1002 NE 116 ST
MIAMI FL 33161
CHECKED: 11/30/04
KAW
DATE: 4/8/5
FLORIDA No-24140
MECHANICAL

Glasswall LLC.
3550 NW 49th Street
Miami, Florida 33142
Tel +305-638-5151 - Fax +305-638-5158

**Series # 101
FIXED WINDOW
Large Missile**

C:\NO-A\NEW\02-164-P-APPROVAL\FREDL.M.dwg, 4/8/2005 4:39:21 PM



Glasswall LLC.
 3550 NW 49th Street
 Miami, Florida 33142
 Tel. +305-638-5151 - Fax +305-638-5158

Series # 101
FIXED WINDOW
Large Missile

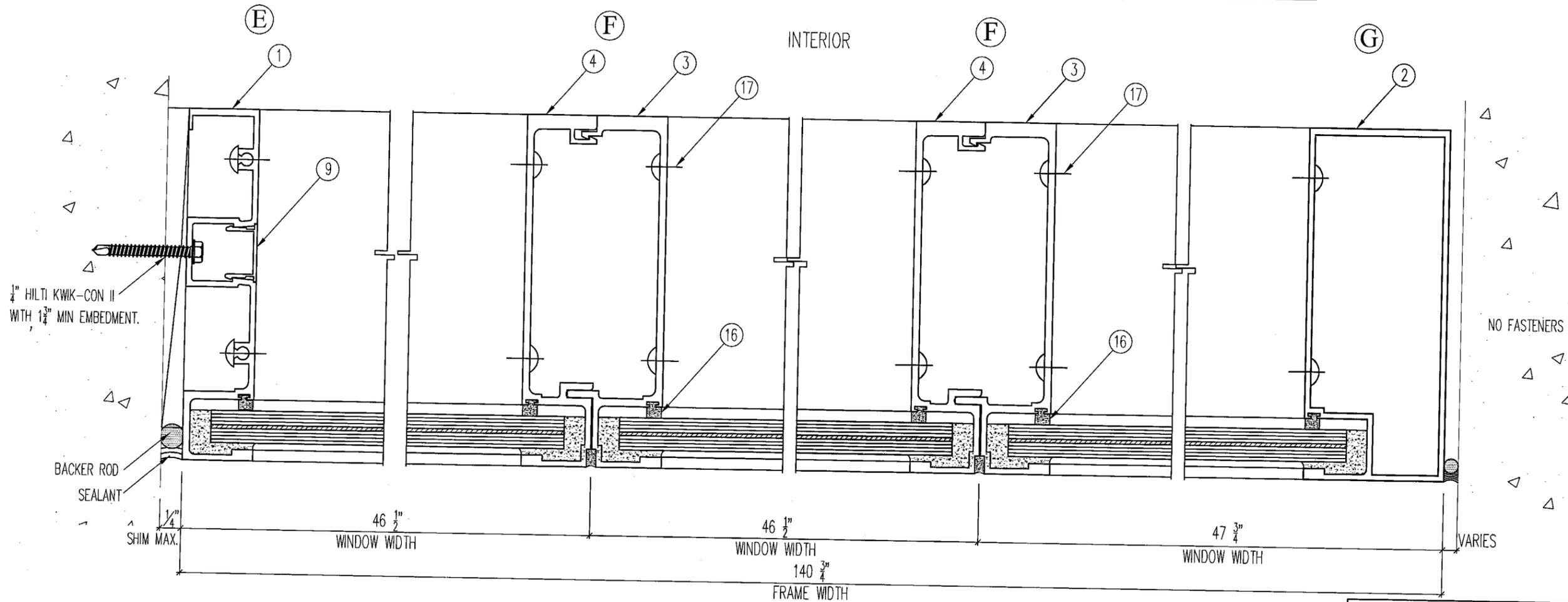
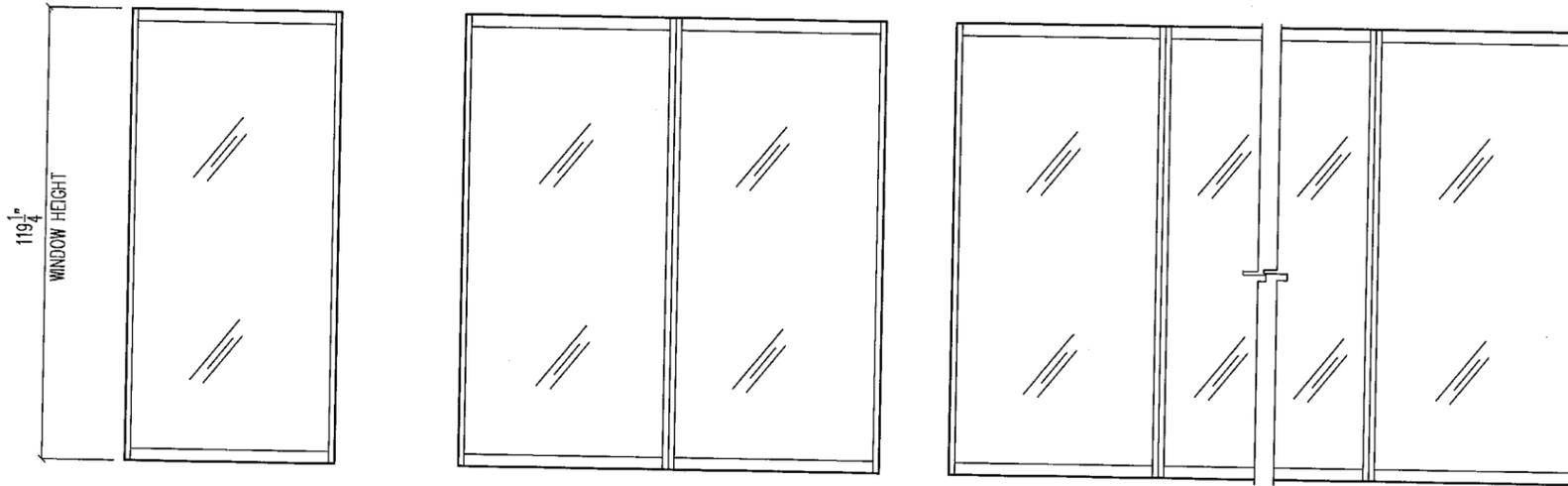
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4	04-07-05	04-07-05	

Date: 12-4-04
 Scale: As noted
 Design by: G. S.
 Drawing by: L. O.
 Checked by: G. S.
 Drawing No.: 02-0184
 Sheet 3 of 5

Approved as complying with the Florida Building Code
 Date: MAY 5, 2005
 NOAH: 04-1208.04
 Miami Dade Product Control Division
 By: *Manuel Perez*

INSTALLATION SHEET
KELVYN WHITFIELD, P.E.
 1002 NE 116 ST
 MIAMI, FL 33161
 CHECKED: *[Signature]*
 DATE: 4/8/5
 FLORIDA No. 24140
 MECHANICAL

CONFIGURATIONS



Glasswall Llc.
 3550 NW 49th Street
 Miami, Florida 33142
 Tel +305-638-5151 - Fax +305-638-5158

**Series # 101
 FIXED WINDOW
 Large Missile**

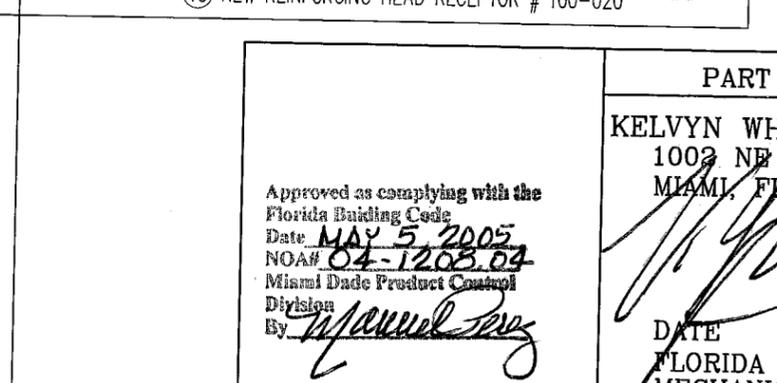
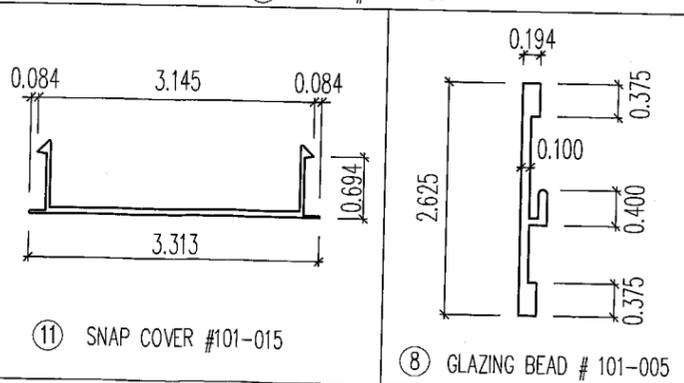
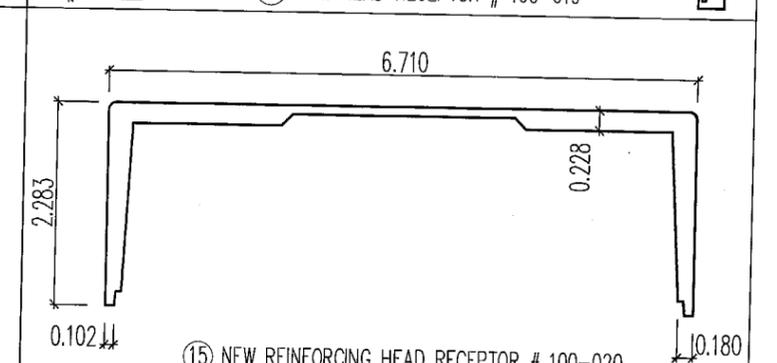
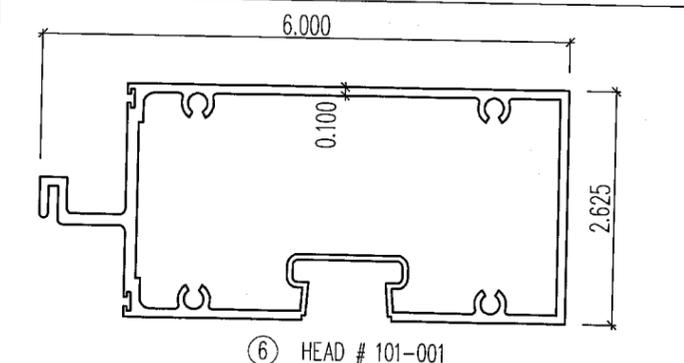
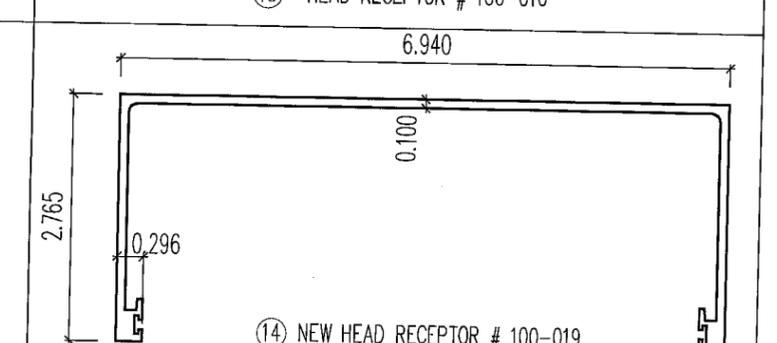
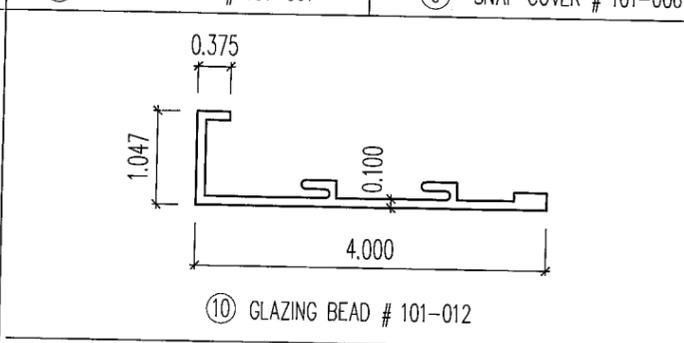
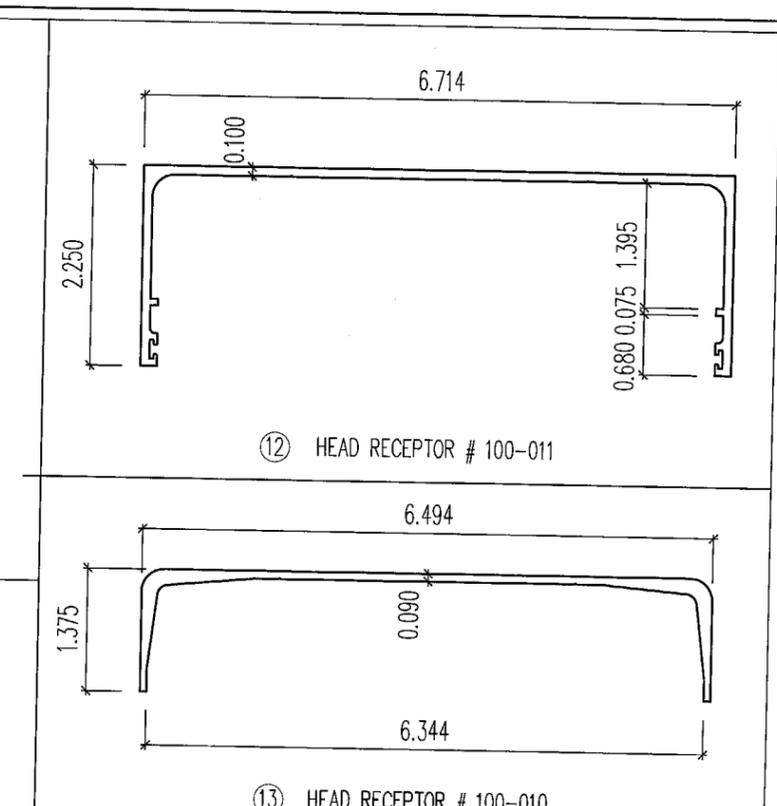
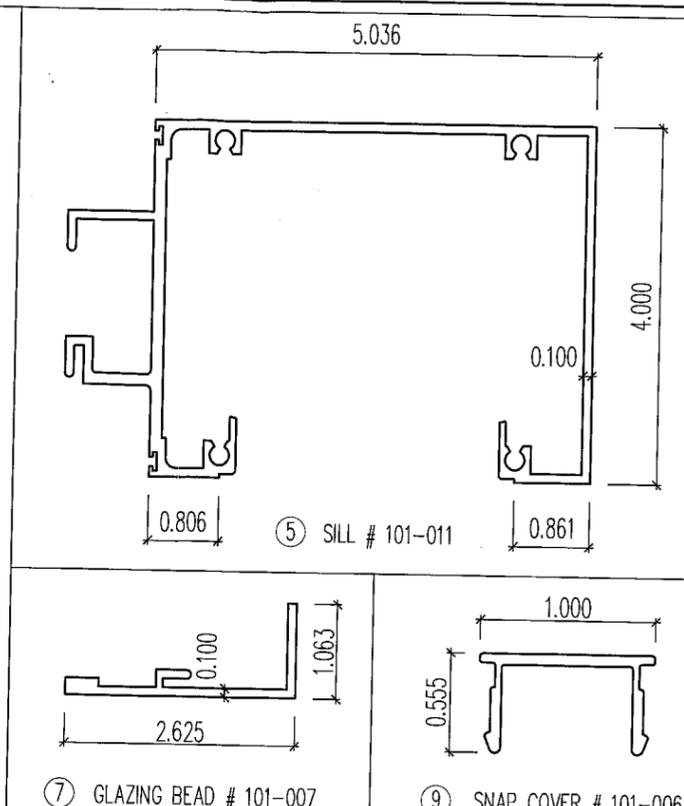
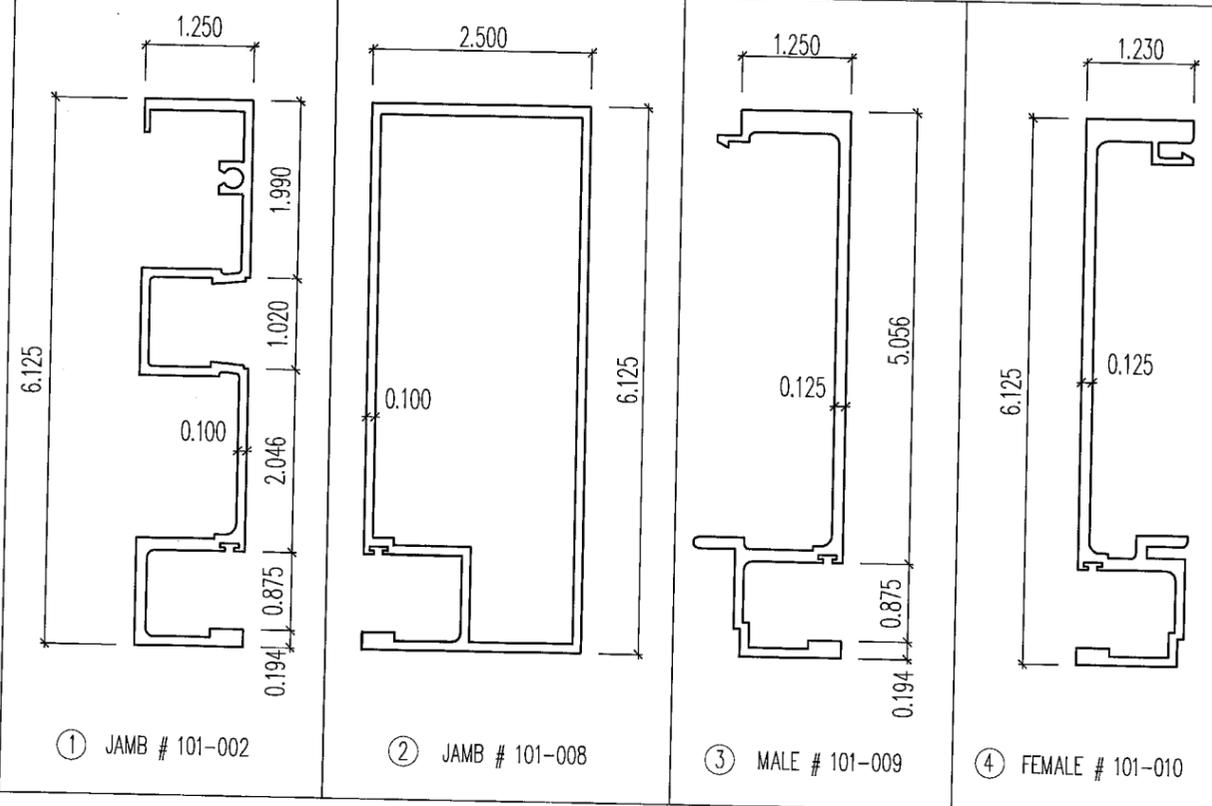
REVISION	
No	Description Redraw and Revised
③	12-4-04
④	04-07-05

Date 12-4-04
 Scale As noted
 Design by G. S.
 Drawing by L. O.
 Checked by G. S.
 Drawing No. 02-0164
 Sheet 4 of 5

INSTALLATION SHEET

KELVYN WHITFIELD P.E.
 1002 NE 116 ST
 MIAMI FL 33161
 CHECKED
 11/30/04
 KM
 DATE 4/8/5
 FLORIDA No-24140
 MECHANICAL

Approved as complying with the
 Florida Building Code
 Date MAY 5, 2005
 NOAH 04-1208.04
 Miami Dade Product Control
 Division
 By [Signature]



Item #	Part Number	Part Name	Remarks	MATERIAL
1	101-002	Jamb	Frame	ALUM. ALLOY 6005-T5
2	101-008	Jamb	Frame	ALUM. ALLOY 6005-T5
3	101-009	Male Jamb	Frame	ALUM. ALLOY 6005-T5
4	101-010	Female Jamb	Frame	ALUM. ALLOY 6005-T5
5	101-011	Sill	Frame	ALUM. ALLOY 6005-T5
6	101-001	Head and Sill	Frame	ALUM. ALLOY 6005-T5
7	101-007	Glazing Bead	-	ALUM. ALLOY 6005-T5
8	101-005	Glazing Bead	-	ALUM. ALLOY 6005-T5
9	101-006	Snap Cover	-	ALUM. ALLOY 6005-T5
10	101-012	Glazing Bead	-	ALUM. ALLOY 6005-T5
11	101-015	Snap Cover	-	ALUM. ALLOY 6005-T5
12	100-011	Head Receptor	-	ALUM. ALLOY 6005-T5
13	100-010	Reinforcing Head Receptor	-	ALUM. ALLOY 6005-T5
14	100-019	Head Receptor- NEW	-	ALUM. ALLOY 6005-T5
15	100-020	Reinforcing Head Receptor-NEW	-	ALUM. ALLOY 6005-T5
16	#679-FP-888B	Gasket	Prototype Plastic	
17	Fastener	#14x1" PH-PH S.M.S S/S	Assembly Screws	
18		7P-448	Prototype Plastic	

FIXED WINDOW

Glasswall LLC.
 3550 NW 49th Street
 Miami, Florida 33142
 Tel +305-638-5151 - Fax +305-638-5158

Series # 101
FIXED WINDOW
Large Missile

REVISION		Description	
No	Date	By	Redraw and Revised
3	12-4-04		
4	04-07-05		

Date	12-4-04
Scale	As noted
Design by	G. S.
Drawing by	L. O.
Checked by	G. S.
Drawing No.	02-0184
Sheet	5 of 5

PART LIST
 KELVYN WHITEFIELD, P.E.
 1002 NE 116 ST
 MIAMI, FL 33161
 DATE: 4/8/5
 FLORIDA No-24140
 MECHANICAL

Approved as complying with the Florida Building Code
 Date: MAY 5 2005
 NOA# 04-1208.04
 Miami Dade Product Control
 Division
 By: [Signature]