



**MIAMI-DADE COUNTY, FLORIDA**  
**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)**

**Miami Wall Systems, Inc.**  
**701 West 25<sup>th</sup> Street**  
**Hialeah, FL 33010**

**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Series 122 Aluminum Single Hung Window - Impact**

**APPROVAL DOCUMENT:** Drawing No. 122-003, titled "Series 122 Aluminum Fixed Window-Large Missile Impact", dated 03-10-03 and last revised on 11-07-03, sheets 1 through 4, prepared by manufacturer, signed and sealed by Sifang Zhao, 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 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 #03-0303.01 consists of this page 1 and evidence page as well as approval document mentioned above.

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



**NOA No 03-1008.03**  
**Expiration Date: August 29, 2008**  
**Approval Date: January 08, 2004**  
**Page 1**

1/8/04

**Miami Wall Systems, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **122-003**, titled "Series 122 Aluminum Fixed Window-Large Missile Impact", dated 03-10-03 and last revised on 11-07-03, sheets 1 through 4, prepared by manufacturer, signed and sealed by Sifang Zhao, P.E.

Note: The revision consists of addition of upgrade bottom rail (#6A) & sill (2A).

**B. TESTS (Photo copies from file #03-0303.01)**

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 Resistant test per TAS202-94 & AAMA 1302.5along with marked-up drawings and installation diagram of aluminum single hung mullied fixed windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3385 (02039)**, dated May 03 2002, signed and sealed by Luis Antonio Figueredo, P.E.

2. 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 Resistant test per TAS202-94 & AAMA 1302.5

Along with marked-up drawings and installation diagram of aluminum single hung mullied fixed windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3386 (02039)**, dated May 01, 2002, signed and sealed by Luis Antonio Figueredo, P.E.

3. Additional reference test reports FTL 3383 and, 3384 per TAS 201, 202, 203-94, revised by addendum letter dated 05-22-03, issued by Fenestration Testing laboratory.

**C. CALCULATIONS (Photo copies from file #03-0303.01)**

1. Anchor Calculations and structural analysis, prepared by Miami Wall Systems, Inc., dated 05-20-03 revised on 07-24-03, signed and sealed by Sifang Zhao, P.E.
2. Anchor Calculations and structural analysis, prepared by Applied Engineering Concept, Inc., dated 05-29-02, signed and sealed by Kelvyn whitfield, P.E.

**D. QUALITY ASSURANCE BY:**

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

**E. MATERIAL CERTIFICATIONS (Photo copies from file #03-0303.01)**

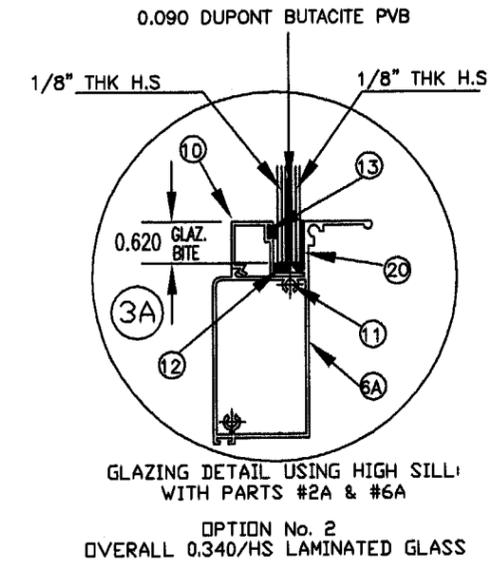
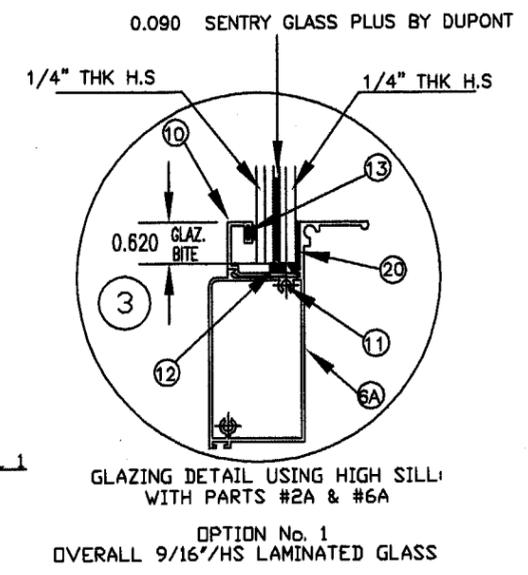
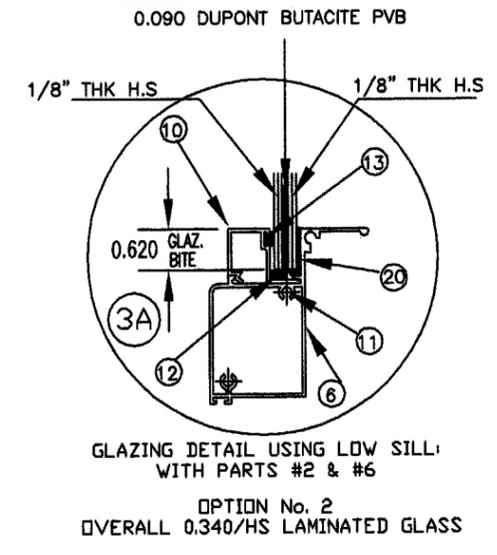
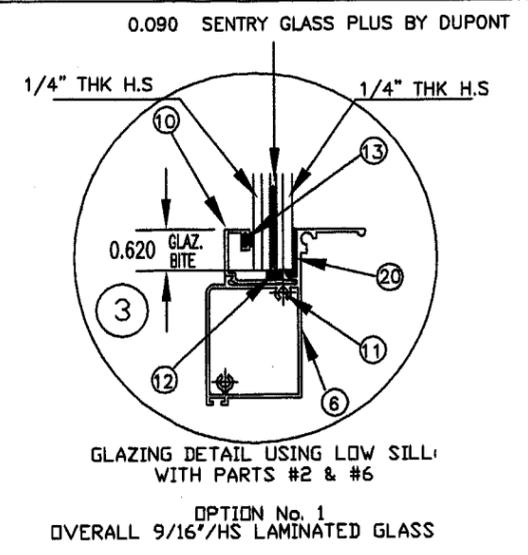
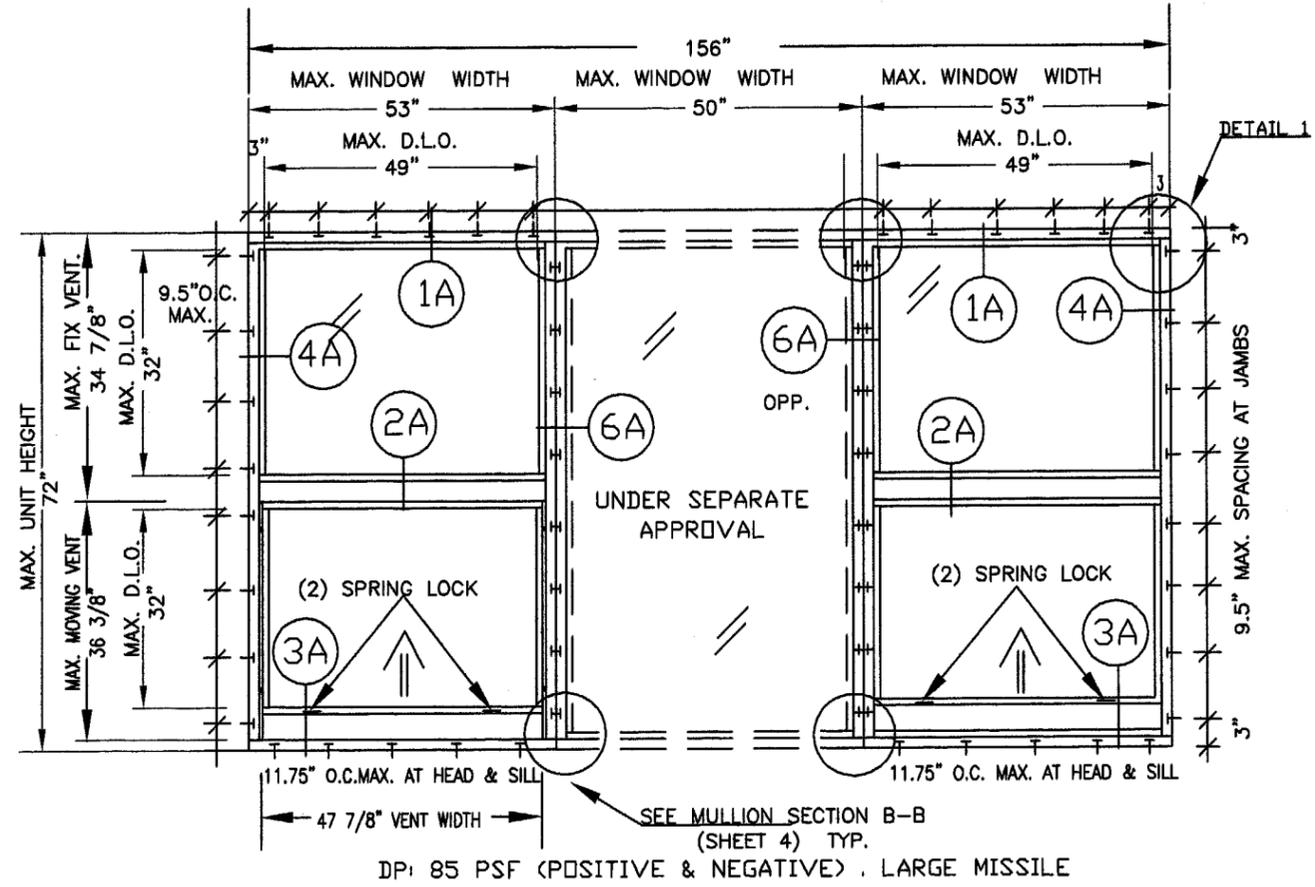
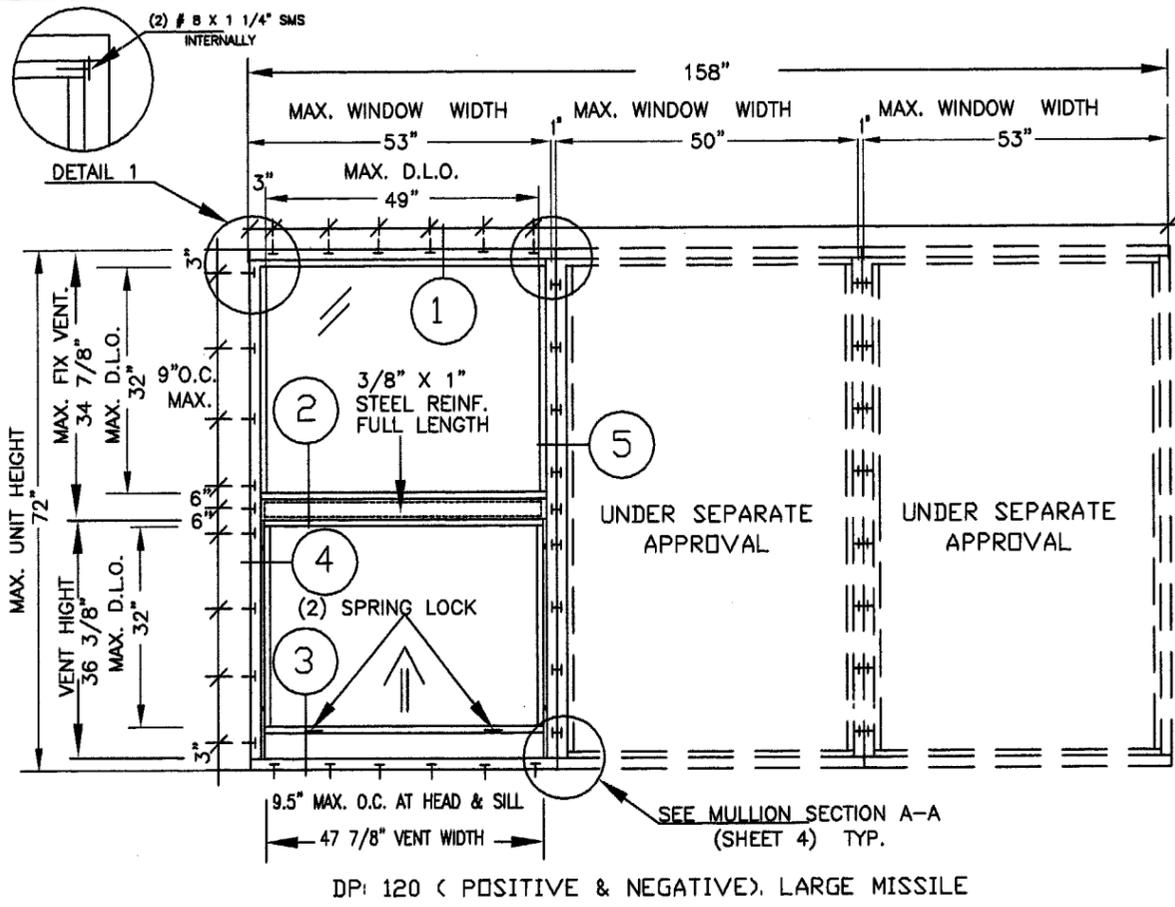
1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry Glass®", expiring on 01/14/2007.
2. Notice of Acceptance No. **00-1212.04** issued to E.I. DuPont DeNemours for "Dupont Butacite ® PVB", expiring on 12/12/05.

**F. STATEMENTS (Photo copies from file #03-0303.01)**

1. Request letter for revision dated Sep. 30, 2003 by Miami Wall System, signed by P. Valencia.
2. Statement letter of conformance, dated 08-04-03, signed and sealed by Sifang Zhao, P.E.
3. Statement letter of no financial interest, dtd 07-24-03, signed & sealed by Sifang Zhao, P.E.
4. Laboratory compliance letter, as part of the above referenced test reports, issued by FTL.

**G. OTHER: This NOA revises # 03-0303.01 expiring August 29, 2008.**

*Ishaq I. Chanda*  
Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 03-1008.03  
Expiration Date: August 29, 2008  
Approval Date: January 08, 2004



DESIGN PRESSURE RATING (P.S.F.)		
	WITH GLAZING OPTION 1 AND WITH STEEL REINFORCEMENT	WITH GLAZING OPTION 2 NO STEEL REINFORCEMENT RQ'D.
POSITIVE	120.0	85.0
NEGATIVE	120.0	85.0

- NOTES:
- MIAMI WALL FIXED UNITS UNDER SEPARATE APPROVAL. LOWER DESIGN PRESSURE CONTROLS
  - 1' X 4' P.T. WOOD BUCKS MUST BE ENGINEERED TO TAKE THE WIND LOADS IMPOSED BY WINDOWS AND TO BE REVIEWED BY BUILDING OFFICIAL.
  - FRAME CORNER, FIXED PANEL & MULLION SEALED W/ SILICONE
  - GLAZING TO BE LAMINATED BY DUPONT APPROVED LAMINATOR
  - ALL INSTALLATION FASTENERS MUST BE FACTORY PUNCHED FOR 1/4" DIAM. FLAT HEAD TAPCONS

**MIAMI WALL SYSTEMS, INC.**  
 701 WEST 25 STREET.  
 HIALEAH, FL. 33010  
 TEL. (305) 888 2300

**SERIES: 122 ALUMINUM SINGLE HUNG WINDOW LARGE MISSILE IMPACT**

DATE: 3/10/03  
 DWG. BY: J.C.  
 SCALE: N/A

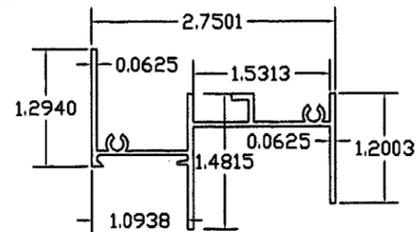
DWG. NO.: 122-003  
 SHEET 1 OF 4

NO.	DATE	REVISIONS DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
2	07/11/03	AS PER DADE COUNTY
3	11/07/03	ADD VENT & FRAME SILL

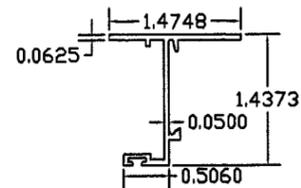
**SIFANG ZHAO**  
 P.E. 50685  
 STRUCTURAL ENGINEER

*[Signature]*  
 12/8/03

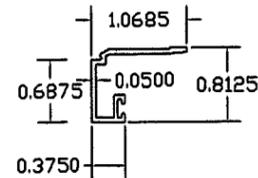
PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No. 03-1008-03  
 Expiration Date AUGUST 29, 2008  
 By: *[Signature]*  
 Miami Dade Professional Division



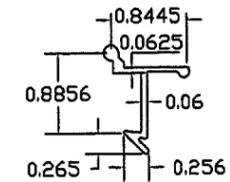
122-003  
PART # 3



122-007  
PART # 7



122-010  
PART # 10



122-009  
PART # 9

**MIAMI WALL SYSTEMS, INC.**  
701 WEST 25 STREET.  
HIALEAH, FL. 33010  
TEL. (305) 888 2300

**SERIES: 122 ALUMINUM  
SINGLE HUNG WINDOW  
LARGE MISSILE IMPACT**

DATE: 3/10/03  
DWG. BY: J.C.  
SCALE: N/A

DWG. NO.: 122-003

SHEET 3 OF 4

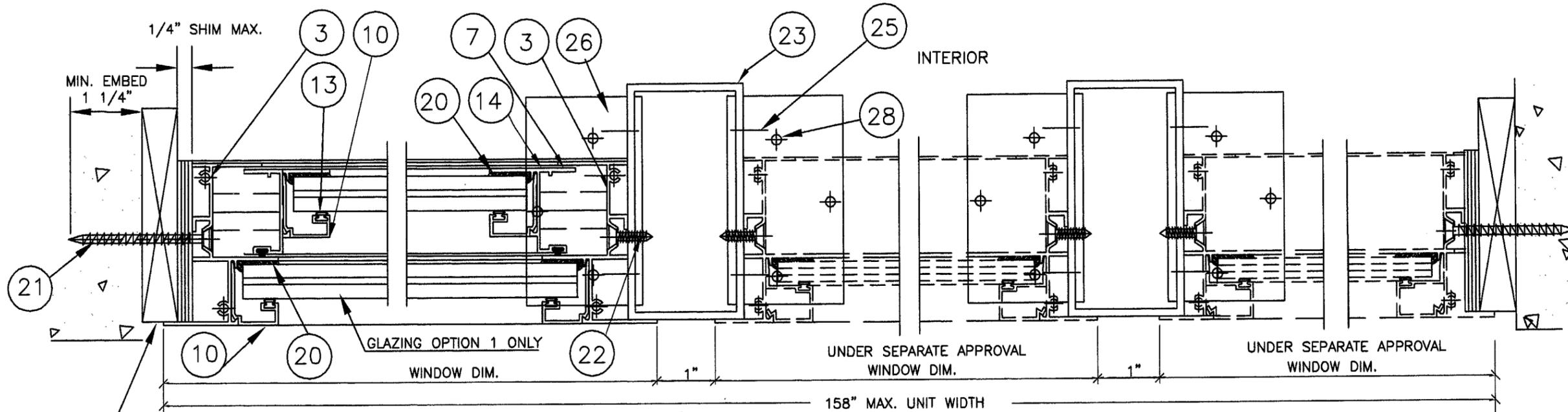
NO.	DATE	DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
2	07/11/03	AS PER DADE COUNTY
3	11/07/03	ADD VENT & FRAME SILL

**REVISIONS DESCRIPTION**

**SIFANG ZHAO**  
P.E. 50685  
STRUCTURAL ENGINEER

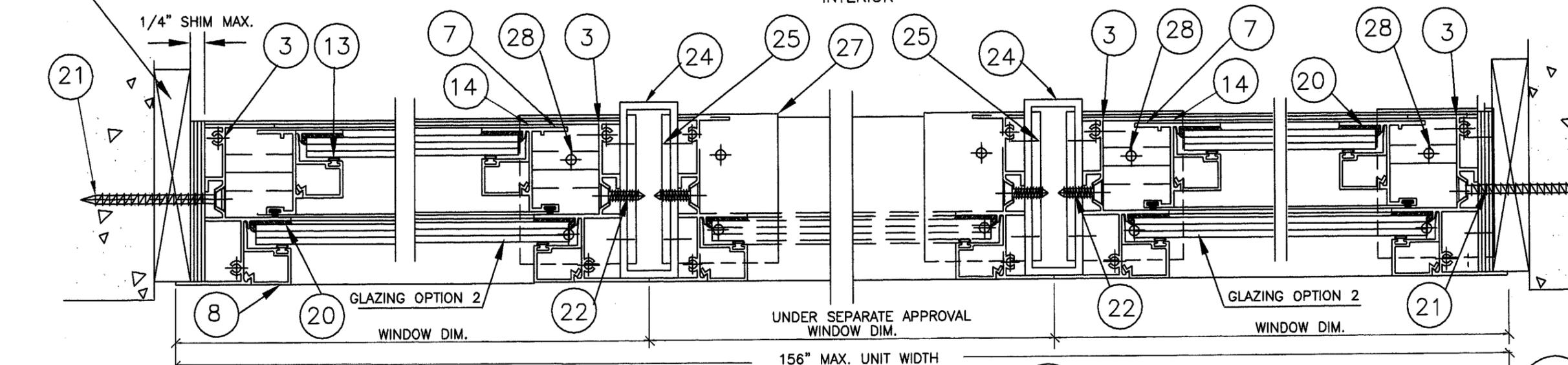
*[Signature]*  
12/8/03

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 03-1008-03  
Expiration Date AUG 29, 2008  
By Isaac J. Chanda  
Miami Dade Permit Control  
Division

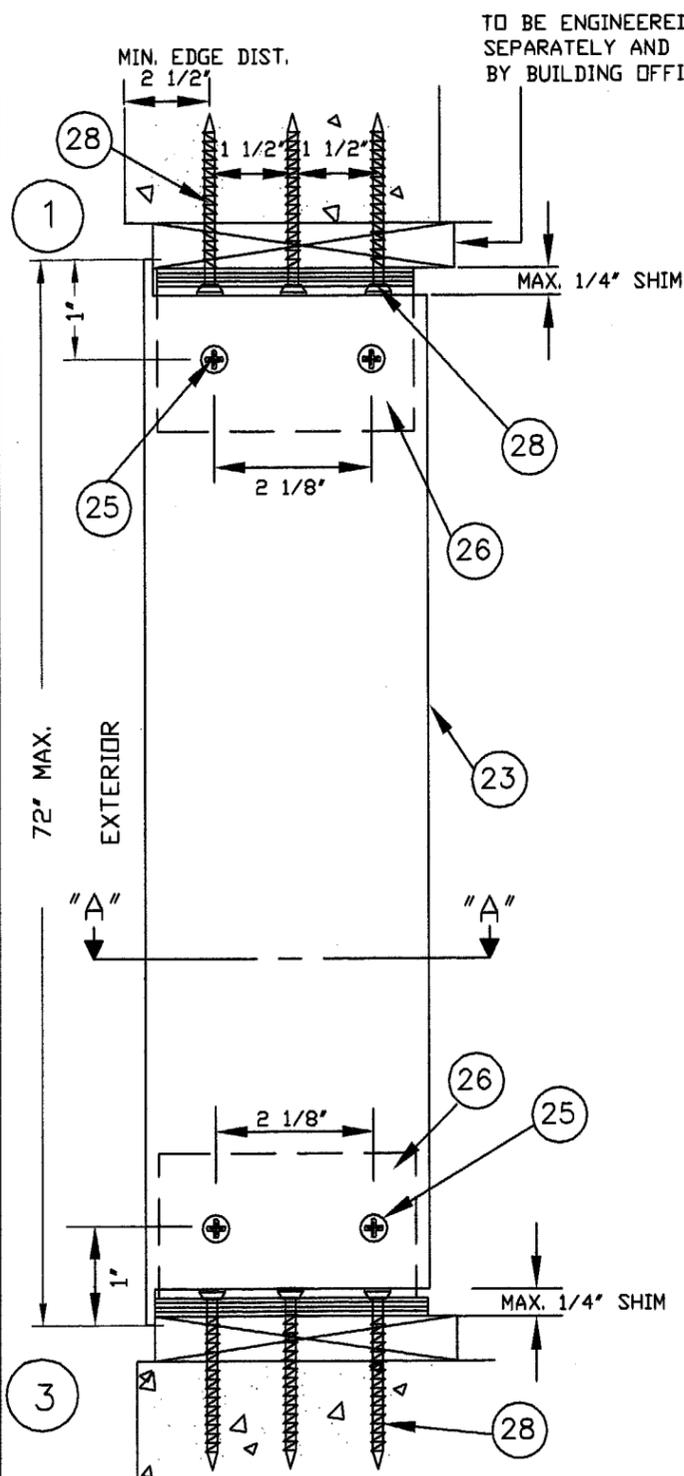


120PSF HORIZONTAL CROSS SECTION

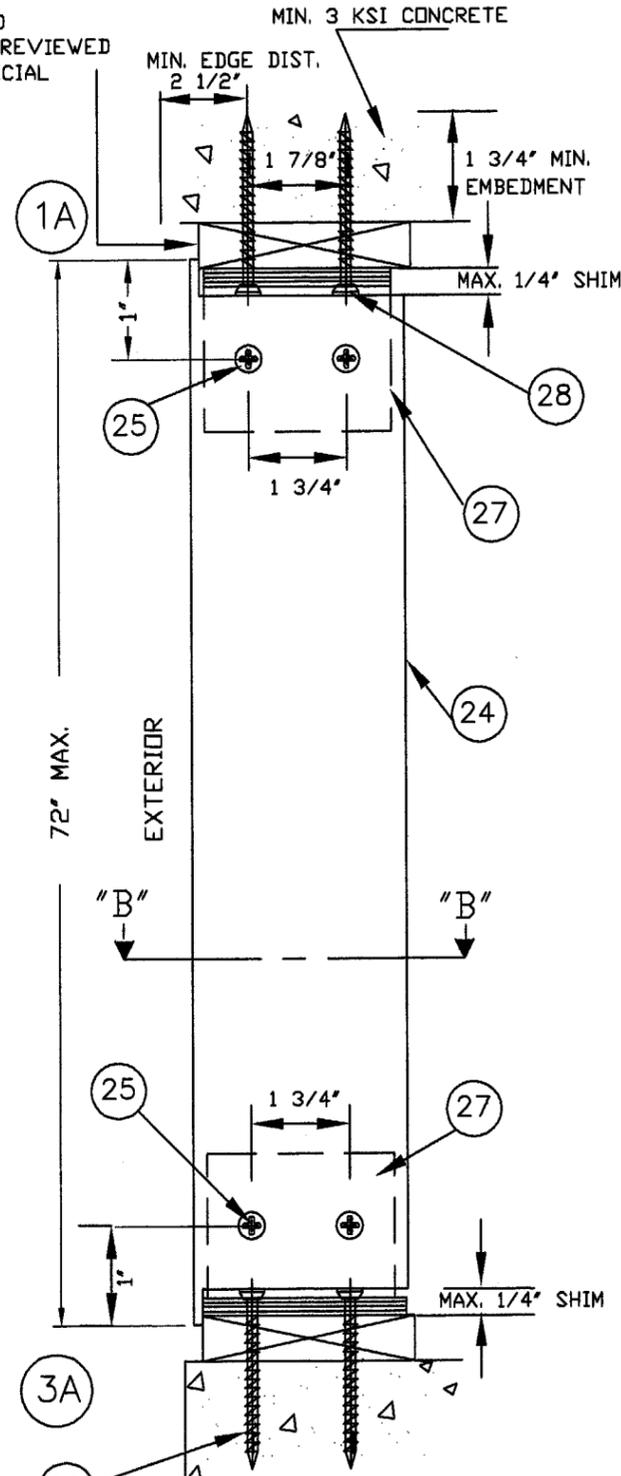
1" X 4" P.T. WOOD BUCK TO BE ENGINEERED  
SEPARATELY AND REVIEWED BY BUILDING OFFICIAL



85PSF HORIZONTAL CROSS SECTION

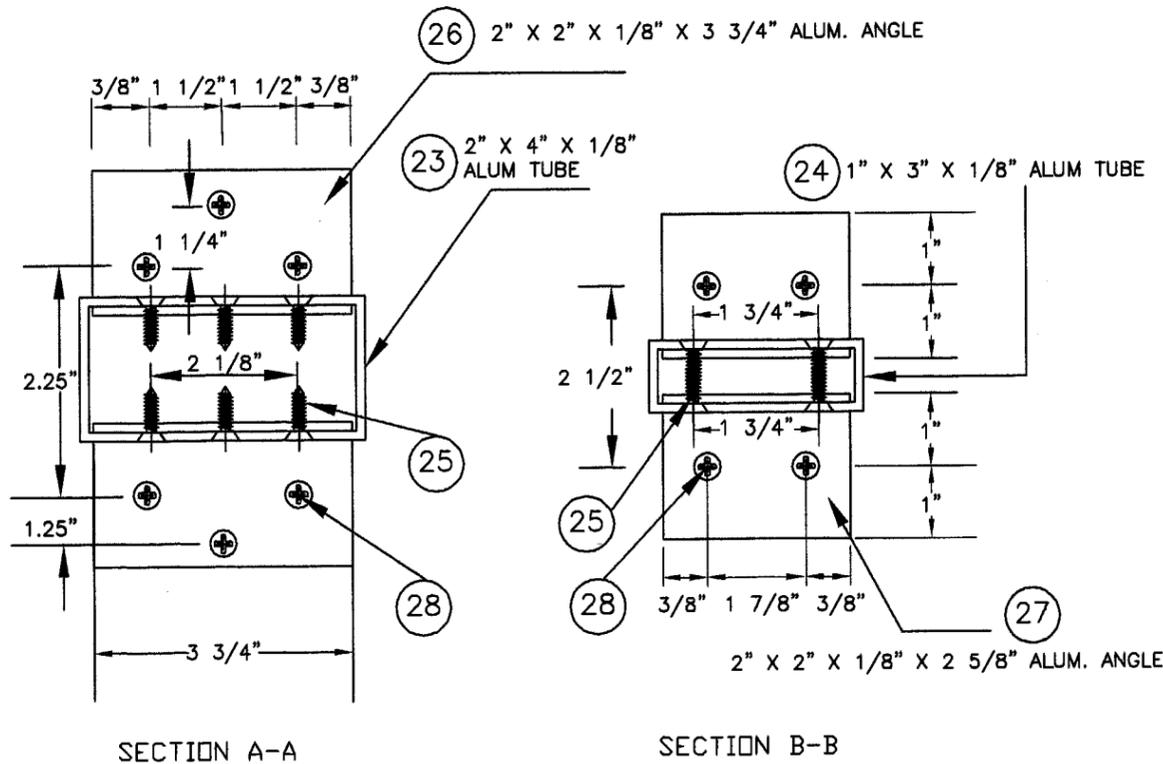


2' X 4' MULLION TO BE USED WITH  
DP: 120 PSF ( POSITIVE & NEGATIVE)



1' X 3' MULLION TO BE USED WITH  
DP: 85 PSF ( POSITIVE & NEGATIVE)

ITEM NO.	PART NO.	REQUIRED	PART NAME	REMARKS
1	122-001	1	HEAD ALUM. 6005 T-5	
2	122-002	1	LOW SILL ALUM. 6005 T-5	
2A	122-002A	1	HIGH SILL ALUM. 6005 T-5	UP GRADE
3	122-003	2	JAMB ALUM. 6005 T-5	
4	122-004	1	MEETING RAIL ALUM. 6005 T-5	
5	122-005	1	VENT TOP ALUM. 6005 T-5	
6	122-006	1	LOW VENT BOTTOM 6005 T-5	
6A	122-006A	1	HIGH VENT BOTTOM 6005 T-5	UP GRADE
7	122-007	2	VENT JAMB ALUM. 6005 T-5	
8	122-008	8	GLAZING BEAD ALUM. 6005 T-5	1/4" & 5/16 GLASS TK.
9	122-009	2	LOCK ALUM. 6005 T-5	AT BOTTOM RAIL
10	122-010		GLAZING BEAD	7/16" & 9/16" GLASS TK.
11		12	FRAME ASSEMBLY SCREWS	#8 X 1 1/4" PHSMS S/S
12		2 PER SILL	SETTING BLOCK (NEOPRENE)	1/8" X 1/4" X 4"
13	122-101	4	BEAD BULB VINYL	
14	122-150	4/VENT	HORIZ. VENT GUIDE	
15	122-151	2/VENT	LOCK SPRING	
16		16	BOTTOM VENT BULB VINYL	
17		2/VENT	CAM LOCK BY MWS	
18			FIN SEAL .180 HIGH	
19			FIN SEAL .25 HIGH	
20			GLAZING SILICONE	GE 4000, DOW CORNING 995, GE 2800
21		SEE ELEV.	INSTALLATION FASTENERS ITW	1/4" FH ITW TAPCONS
22		SEE ELEV.	JAMB/MULLION FASTENERS	#12 x 3/4" FH SMS
23			2" X 4" X 1/8" ALUM TUBE ALUM. 6063-T5	TESTED AT 120 psf
24			1" X 3" X 1/8" ALUM TUBE ALUM. 6063-T5	TESTED AT 90 psf
25		2/CLIP	ANGLE/MULLION FASTENERS	#12 x 3/4" FH GRADE 5
26			ANGLE CLIP (120 PSF) ALM. 6063 T-5	
27			ANGLE CLIP (85.0 PSF) ALM. 6063 T-5	
28			MULLION ANGLE INSTALATIONS FASTENERS 1/4" ITW	



SECTION A-A

SECTION B-B

**MIAMI WALL SYSTEMS, INC.**  
701 WEST 25 STREET.  
HIALEAH, FL. 33010  
TEL. (305) 888 2300

**SERIES: 122 ALUMINUM SINGLE HUNG WINDOW LARGE MISSILE IMPACT**

DATE: 3/10/03  
DWG. BY: J.C.  
SCALE: N/A

DWG. NO.: 122-003

SHEET 4 OF 4

NO.	DATE	DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
2	07/11/03	AS PER DADE COUNTY
3	11/07/03	ADD VENT & FRAME SILL

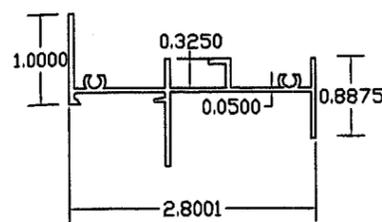
**REVISIONS DESCRIPTION**

**SIFANG ZHAO**  
P.E. 50685  
STRUCTURAL ENGINEER

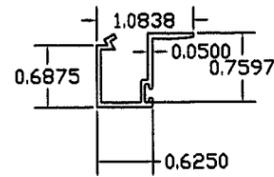
*[Signature]*  
12/8/03

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 03-1008.03  
Expiration Date AUG 29, 2008  
By *[Signature]*  
Miami Dade Product Control  
Division

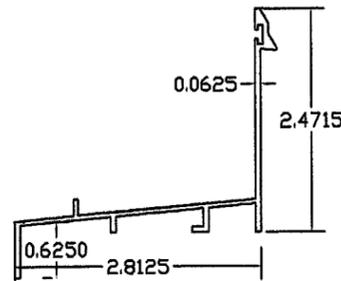
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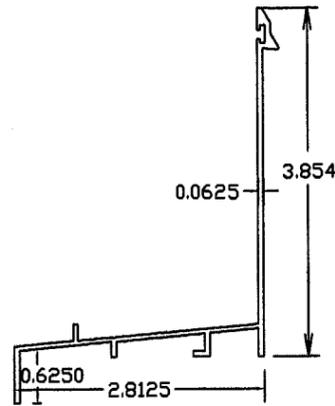
122-001  
PART # 1



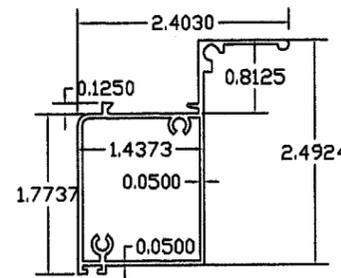
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PART # 8



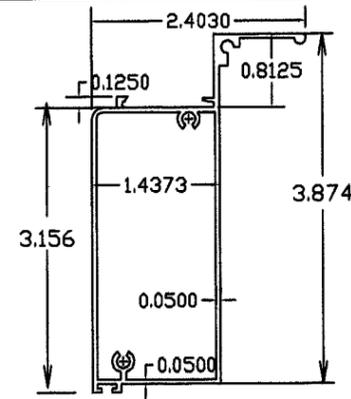
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PART # 2



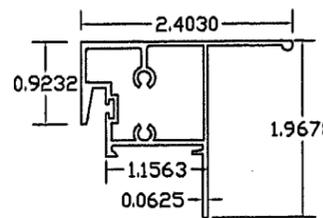
122-002 A  
PART # 2A



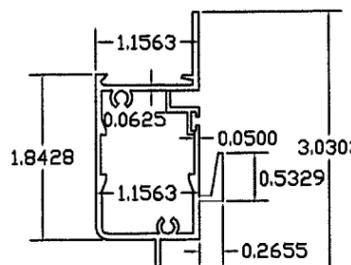
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PART # 6



122-006 A  
PART # 6A

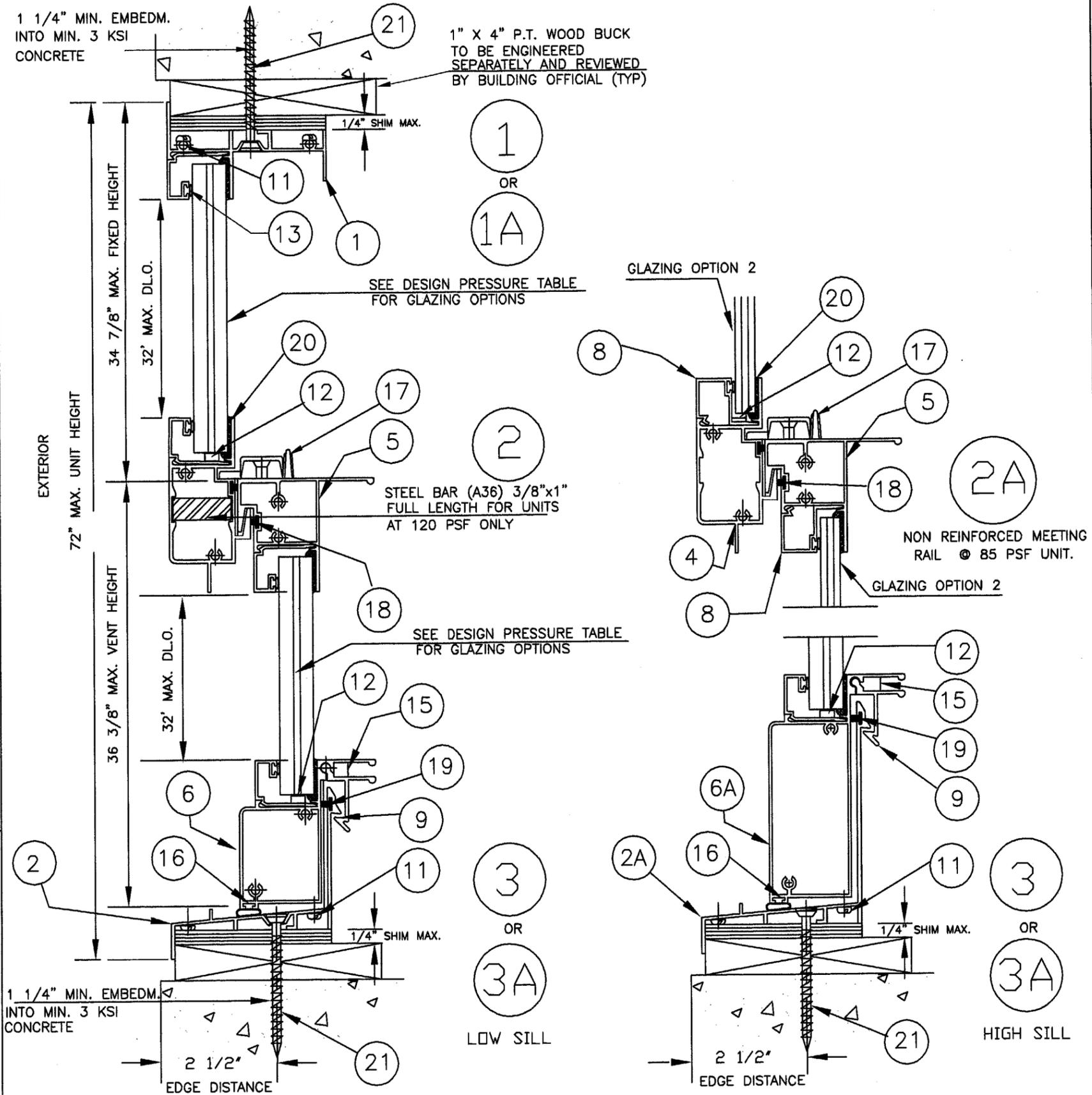


122-005  
PART # 5



122-004  
PART # 4

1 1/4" MIN. EMBEDM.  
INTO MIN. 3 KSI  
CONCRETE



**MIAMI WALL  
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DATE: 3/10/03  
DWG. BY: J.C.  
SCALE: N/A

DWG. NO.: 122-003

SHEET 2 OF 4

NO.	DATE	DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
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3	11/07/03	ADD VENT & FRAME SILL

REVISIONS DESCRIPTION

SIFANG ZHAO  
P.E. 50685  
STRUCTURAL ENGINEER

*[Signature]*  
12/8/03

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 03-1018-03  
Expiration Date AUG 29, 2008  
By Ishaq I. Chanda  
Miami Dade Product Control  
Division