



**MIAMI-DADE**  
**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Series 122 Aluminum Fixed Window - Impact**

**APPROVAL DOCUMENT:** Drawing No. 122-001, titled "Series 122 Aluminum Fixed Window-Large Missile Impact", sheets 1 through 5, prepared by manufacturer dated 03-10-03 and last revised on 07-11-03, signed and sealed by Sifang Zhao, 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: 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 consists of this page 1 as well as approval document mentioned above.

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

8/17/08



**NOA No 03-0303.04**  
**Expiration Date: August 29, 2008**  
**Approval Date: August 29, 2003**

**Miami Wall Systems, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **122-001**, titled "Series 122 Aluminum Fixed Window-Large Missile Impact", sheets 1 through 5, prepared by manufacturer dated 03-10-03 and last revised on 07-11-03, signed and sealed by Sifang Zhao, 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 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 1302.5Along with marked-up drawings and installation diagram of aluminum single hung mullied fixed windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3386 (02039)**, dated May 01, 2002, signed and sealed by Luis Antonio Figueredo, P.E.
2. 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**

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. MATERIAL CERTIFICATIONS**

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.

**E. STATEMENTS**

1. Statement letter of conformance, dated 08-04-03, signed and sealed by Sifang Zhao, P.E.
2. Statement letter of no financial interest, dtd 07-24-03, signed & sealed by Sifang Zhao, P.E.
3. Laboratory compliance letter, as part of the above referenced test reports, issued by Fenestration Testing lab.

*Ishaq I. Chanda*

**Ishaq I. Chanda, P.E.**  
**Product Control Examiner**  
**NOA No 03-0303.04**

**Expiration Date: August 29, 2008**  
**Approval Date: August 29, 2003**

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

**SERIES: 122 ALUMINUM  
 FIXED WINDOW  
 LARGE MISSILE IMPACT**

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

DWG. NO.: 122-001  
 SHEET 1 OF 5

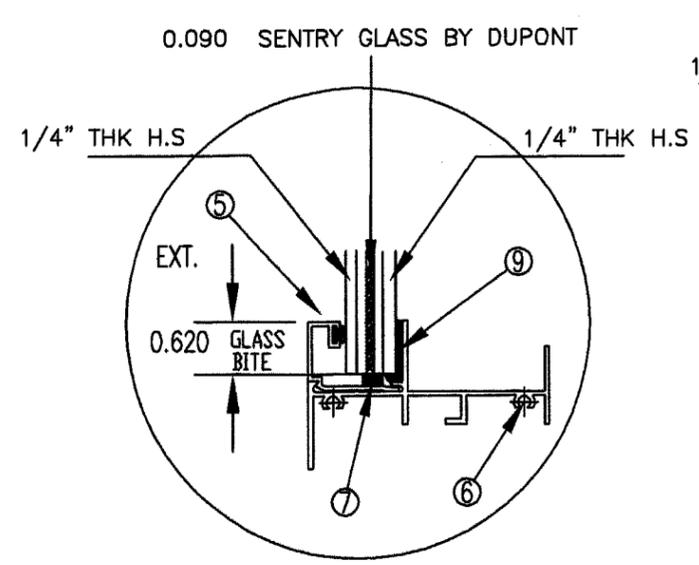
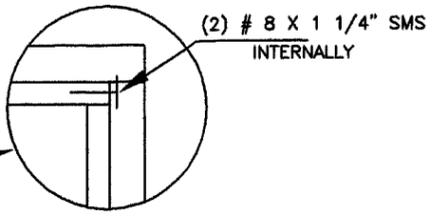
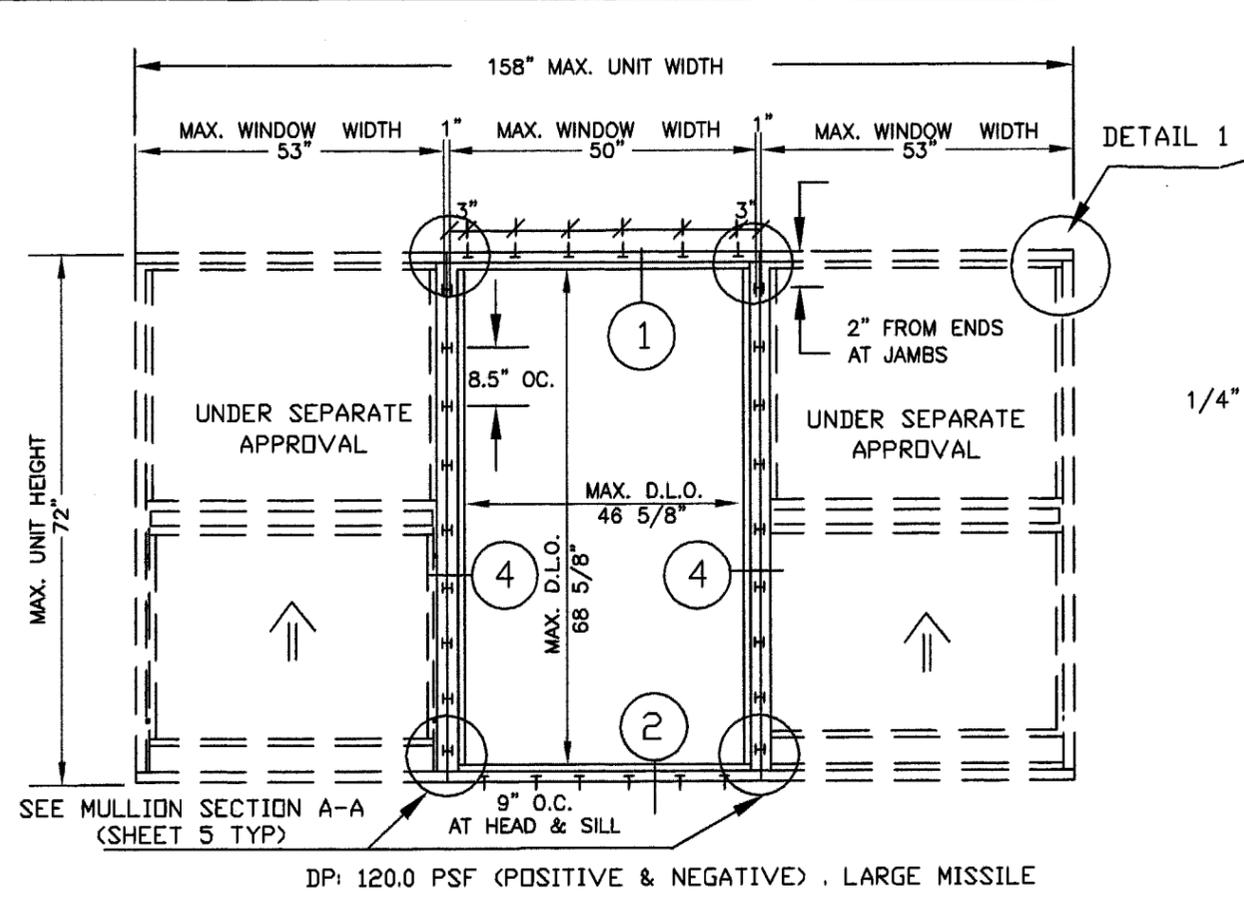
NO.	DATE	DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
2	07/11/03	AS PER DADE COUNTY

**REVISIONS DESCRIPTION**

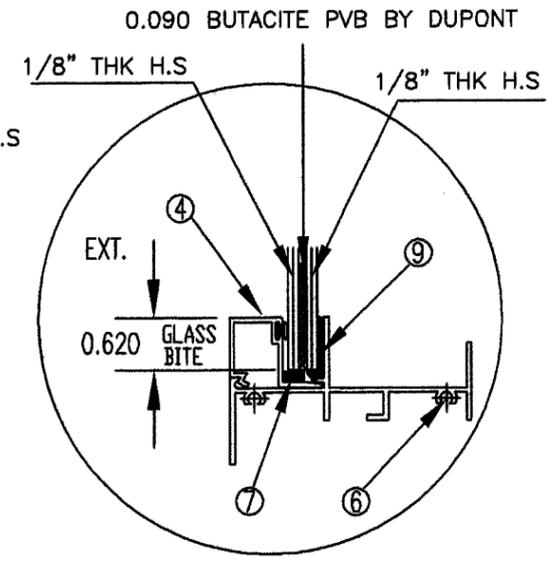
**SIFANG ZHAO**  
 P.E. 50685  
 STRUCTURAL ENGINEER

*[Signature]*  
 8/4/2003

Approved as complying with the  
 Florida Building Code  
 Date: AUGUST 29, 2003  
 NOAH 03-0303.04  
 Miami Code Product Control  
 Division  
 By: Chag I. Chanda



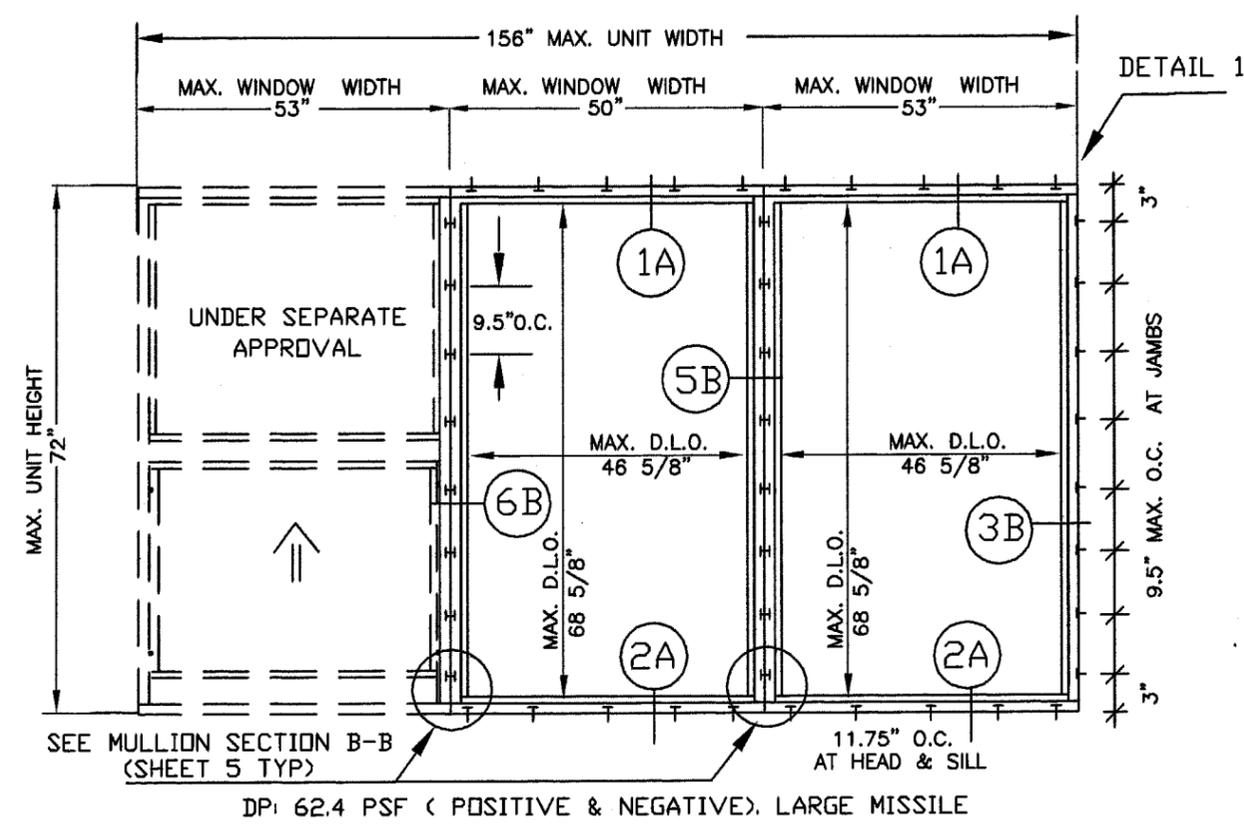
GLAZING DETAIL  
 OPTION No. 1 (120 PSF)  
 OVERALL 0.534"/HS LAMINATED GLASS



GLAZING DETAIL  
 OPTION No. 2 (62.4 PSF)  
 OVERALL 0.340"/HS LAMINATED GLASS

DESIGN LOAD CAPACITY (P.S.F.)		
POSITIVE	NEGATIVE	NOTES
120.0	120.0	WITH GLASS OPTION No.1 OVERALL .560 HS LAMINATED GLASS
62.4	62.4	WITH GLASS OPTION No.2 OVERALL .340 HS LAMINATED GLASS

- NOTES:
- MIAMI WALL SINGLE HUNG 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 DUPOND APPROVED LAMINATED.
  - ALL INSTALLATION HOLES MUST BE FACTORY PUNCHED FOR 1/4" DIAM. FLAT HEAD FASTENERS.



**MIAMI WALL SYSTEMS, INC.**  
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 TEL. (305) 888 2300

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 FIXED WINDOW  
 LARGE MISSILE IMPACT**

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

DWG. NO.: 122-001

SHEET 2 OF 5

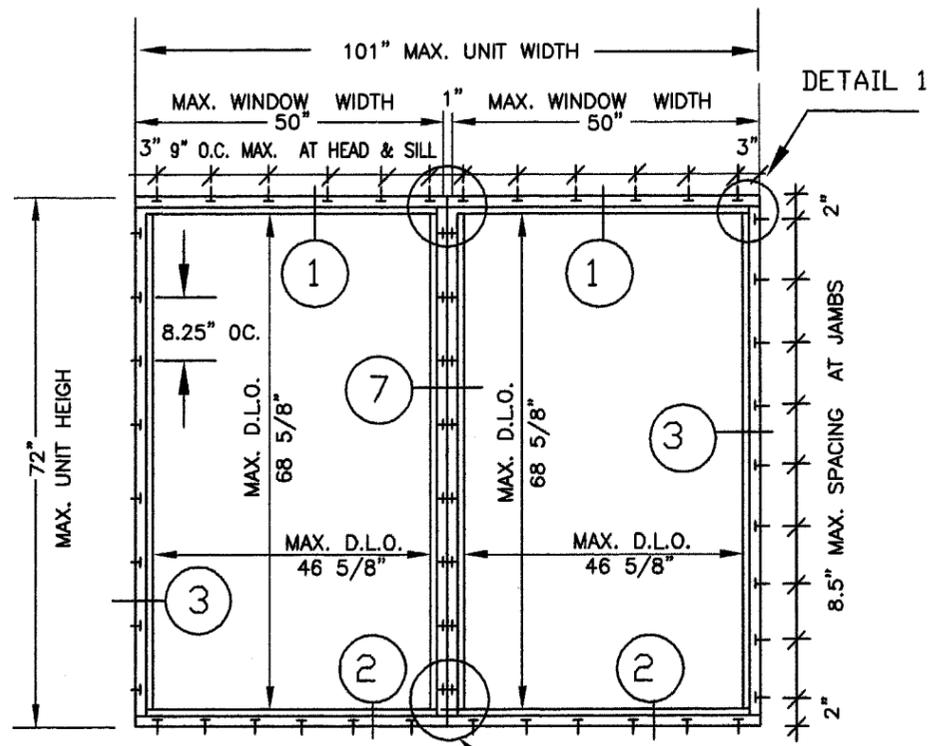
NO.	DATE	DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
2	07/11/03	AS PER DADE COUNTY

**REVISIONS DESCRIPTION**

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

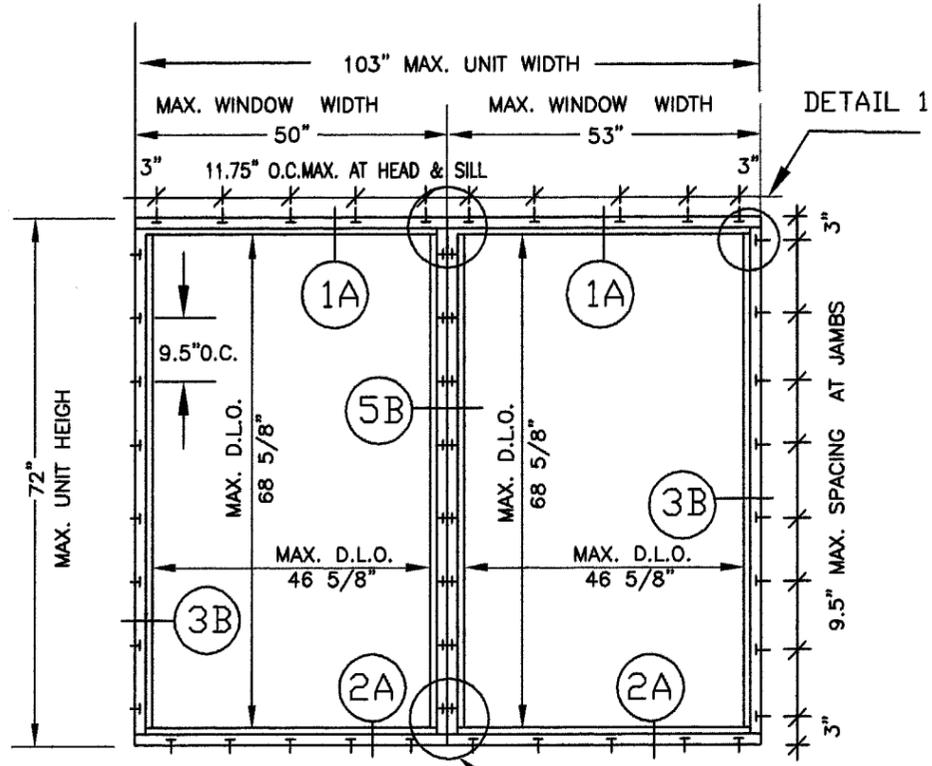
*[Signature]*  
 8/4/2003

Approved as complying with the  
 Florida Building Code  
 Date: Aug 29, 2003  
 NOA# 03-0303-04  
 Miami Dade Product Control  
 Division  
 By: Shay I. Chanda



SEE MULLION SECTION A-A  
 (SHEET 5 TYP)

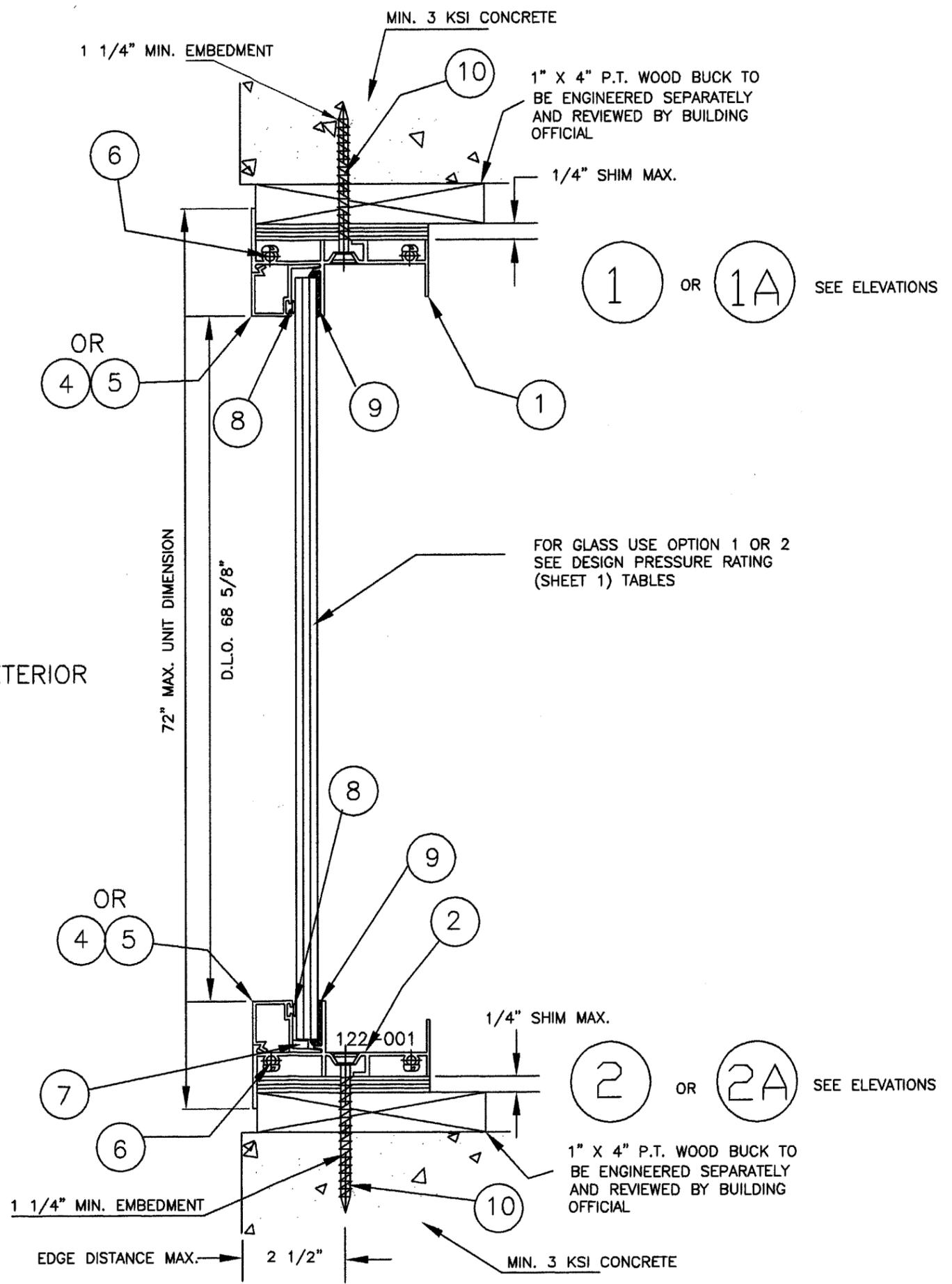
FOR OPTIONAL FIXED-FIXED CONDITION  
 DP: 120 ( POSITIVE & NEGATIVE), LARGE MISSILE



SEE MULLION SECTION B-B  
 (SHEET 5 TYP)

FOR OPTIONAL FIXED-FIXED CONDITION  
 DP: 62.4 ( POSITIVE & NEGATIVE), LARGE MISSILE

EXTERIOR



FOR GLASS USE OPTION 1 OR 2  
 SEE DESIGN PRESSURE RATING  
 (SHEET 1) TABLES

1 OR 1A SEE ELEVATIONS

2 OR 2A SEE ELEVATIONS

**MIAMI WALL SYSTEMS, INC.**  
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 FIXED WINDOW  
 LARGE MISSILE IMPACT**

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

DWG. NO.: 122-001

SHEET 3 OF 5

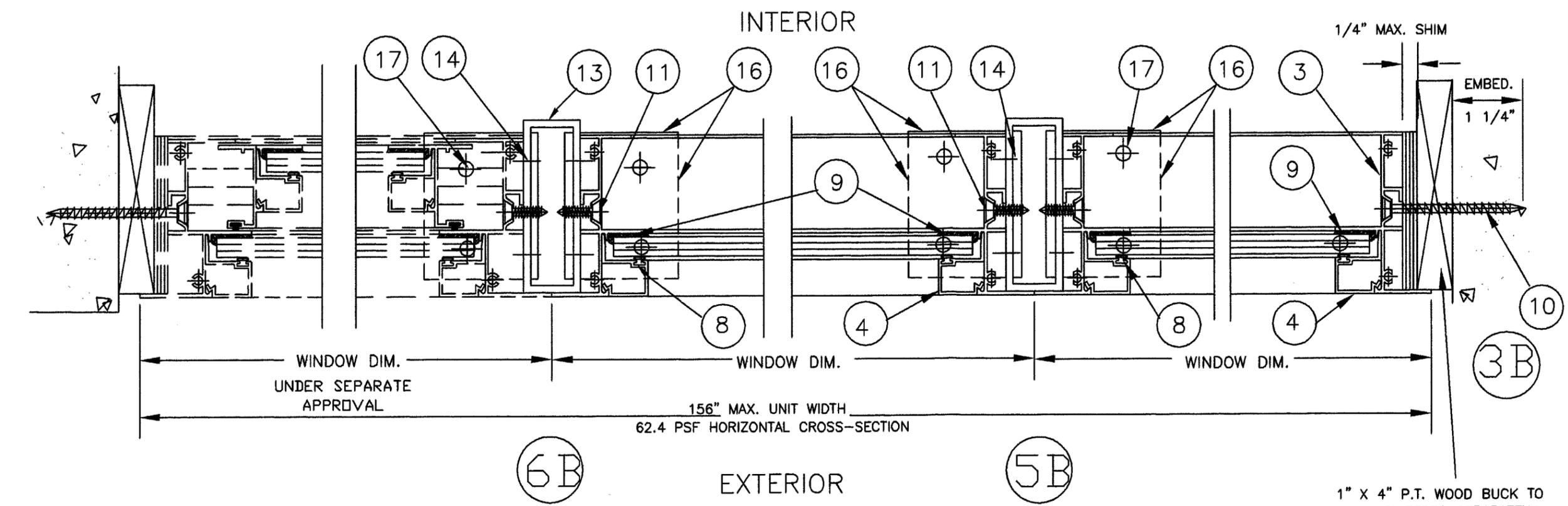
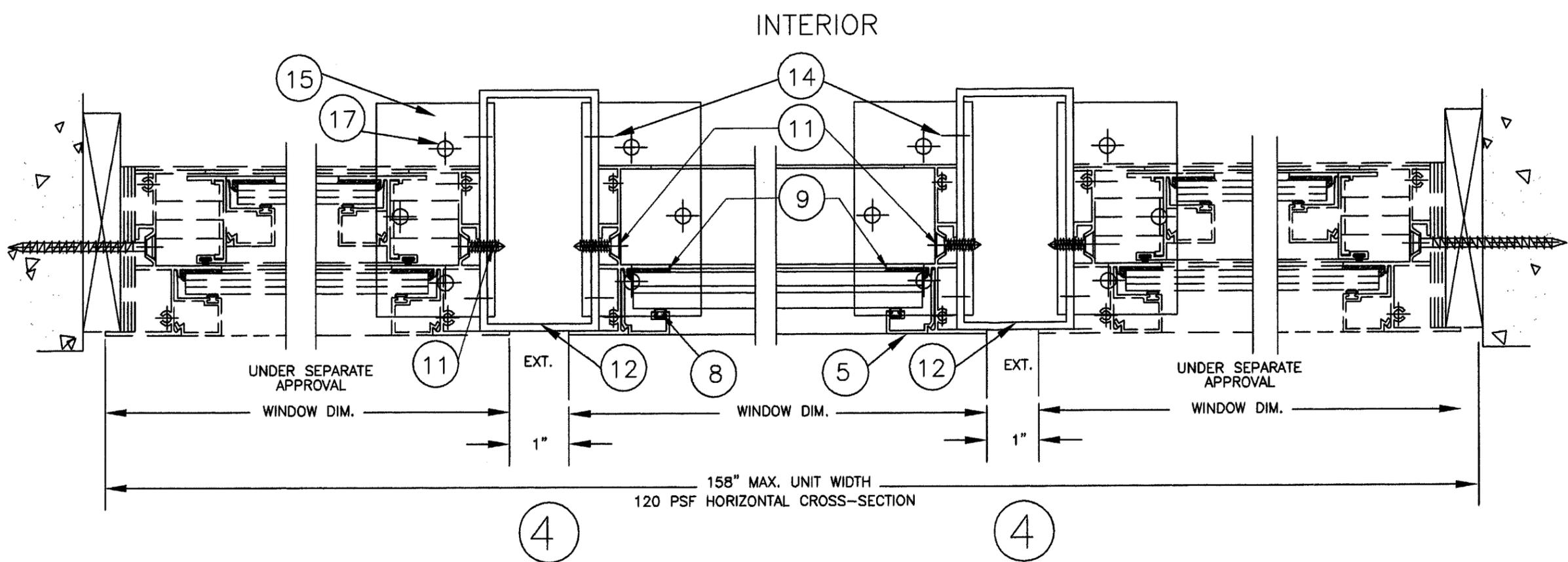
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1	05/06/03	AS PER DADE COUNTY
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**REVISIONS DESCRIPTION**

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

*[Signature]*  
 8/4/2003

Approved as complying with the  
 Florida Building Code  
 Date 04/29/2003  
 NOAH 03-0302-04  
 Miami Dade Product Control  
 Division  
 By Isaac I. Chanda



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

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

**SERIES: 122 ALUMINUM  
 FIXED WINDOW  
 LARGE MISSILE IMPACT**

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

DWG. NO.: 122-001

SHEET 4 OF 5

NO.	DATE	DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
2	07/11/03	AS PER DADE COUNTY

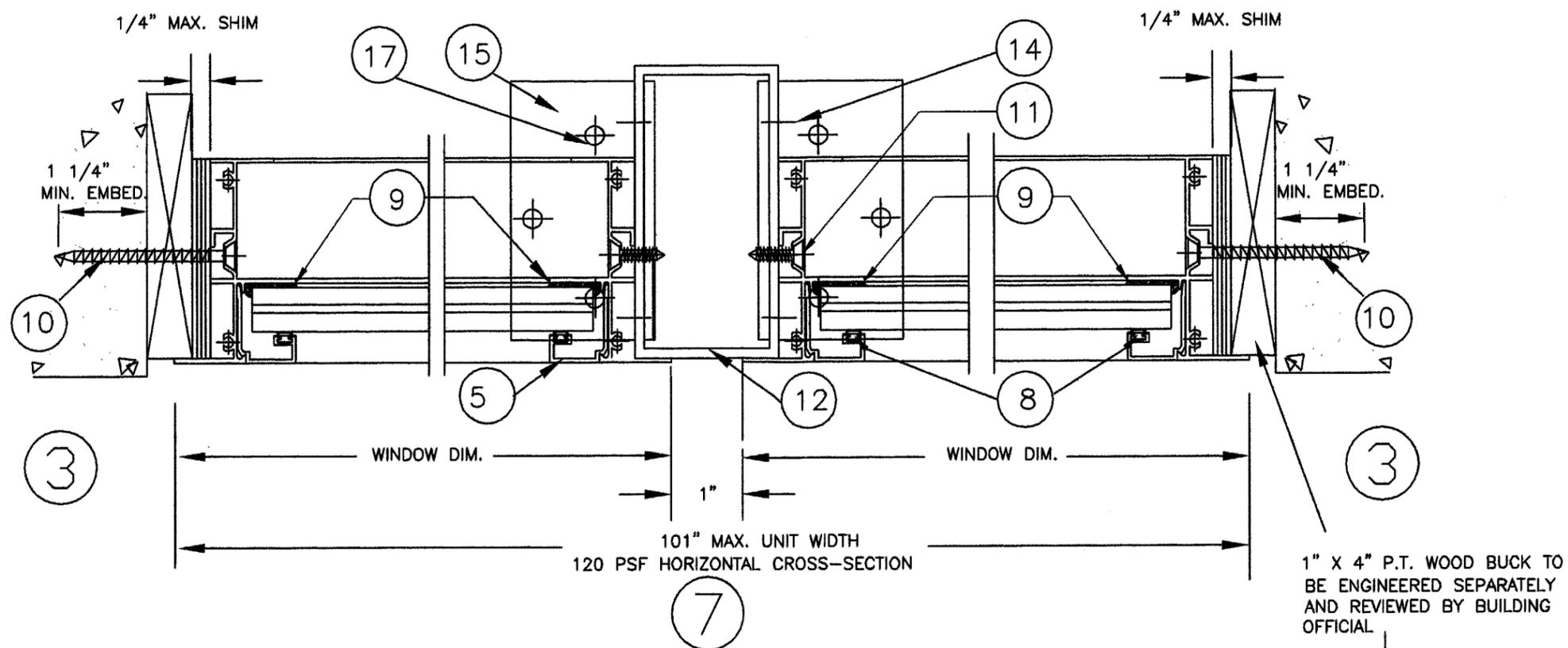
**REVISIONS DESCRIPTION**

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

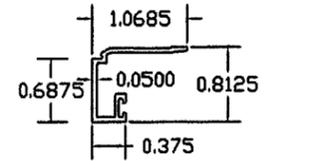
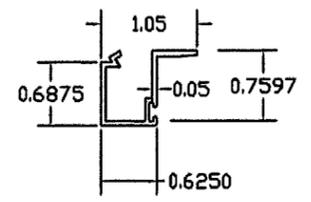
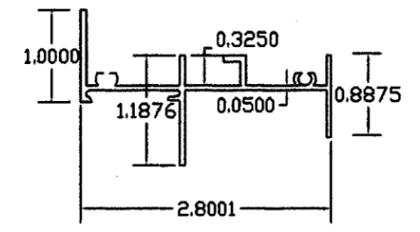
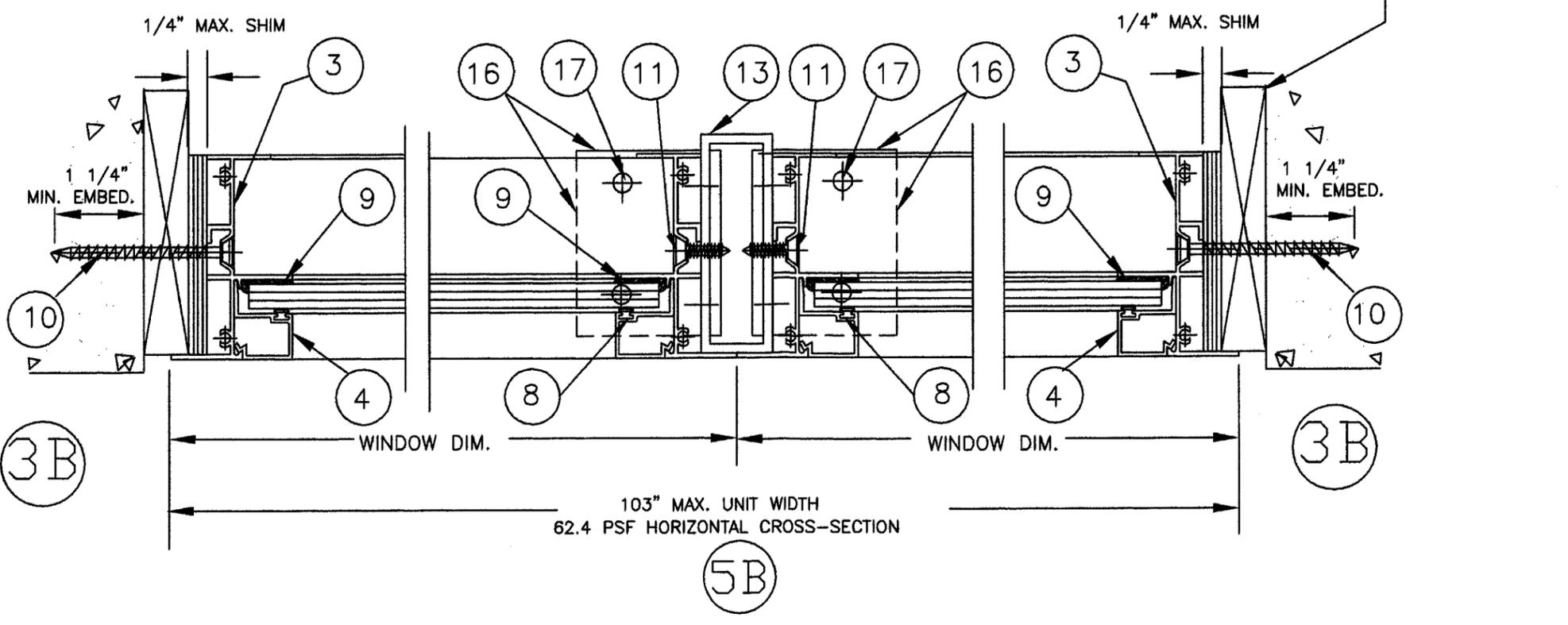
*[Signature]*  
 8/4/2003

Approved as complying with the  
 Florida Building Code  
 Date Aug 29, 2003  
 NOAH 03-0303-04  
 Miami Dade Product Control  
 Division  
 By Isaac I. Chaudhry

INTERIOR



EXTERIOR



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

**SERIES: 122 ALUMINUM  
 FIXED WINDOW  
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DATE: 3/10/03  
 DWG. BY: J.C.  
 SCALE: N/A

DWG. NO.: 122-001

SHEET 5 OF 5

NO.	DATE	DESCRIPTION
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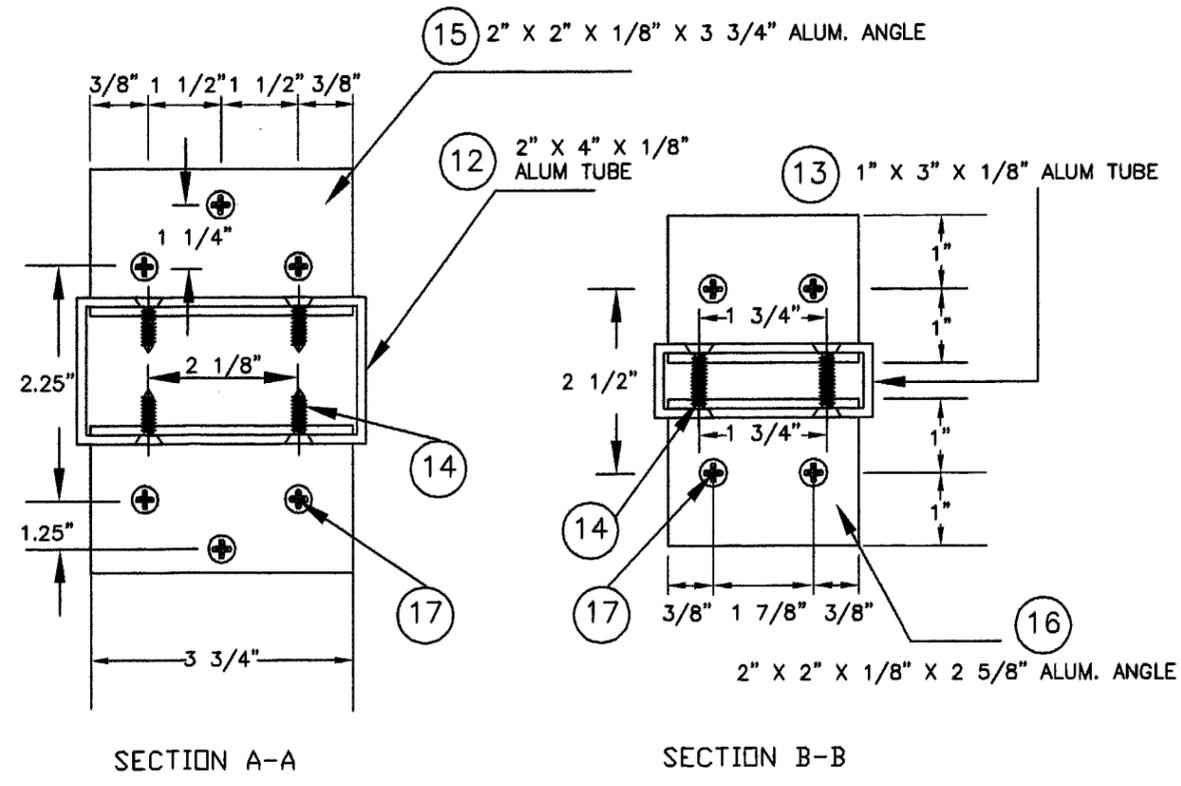
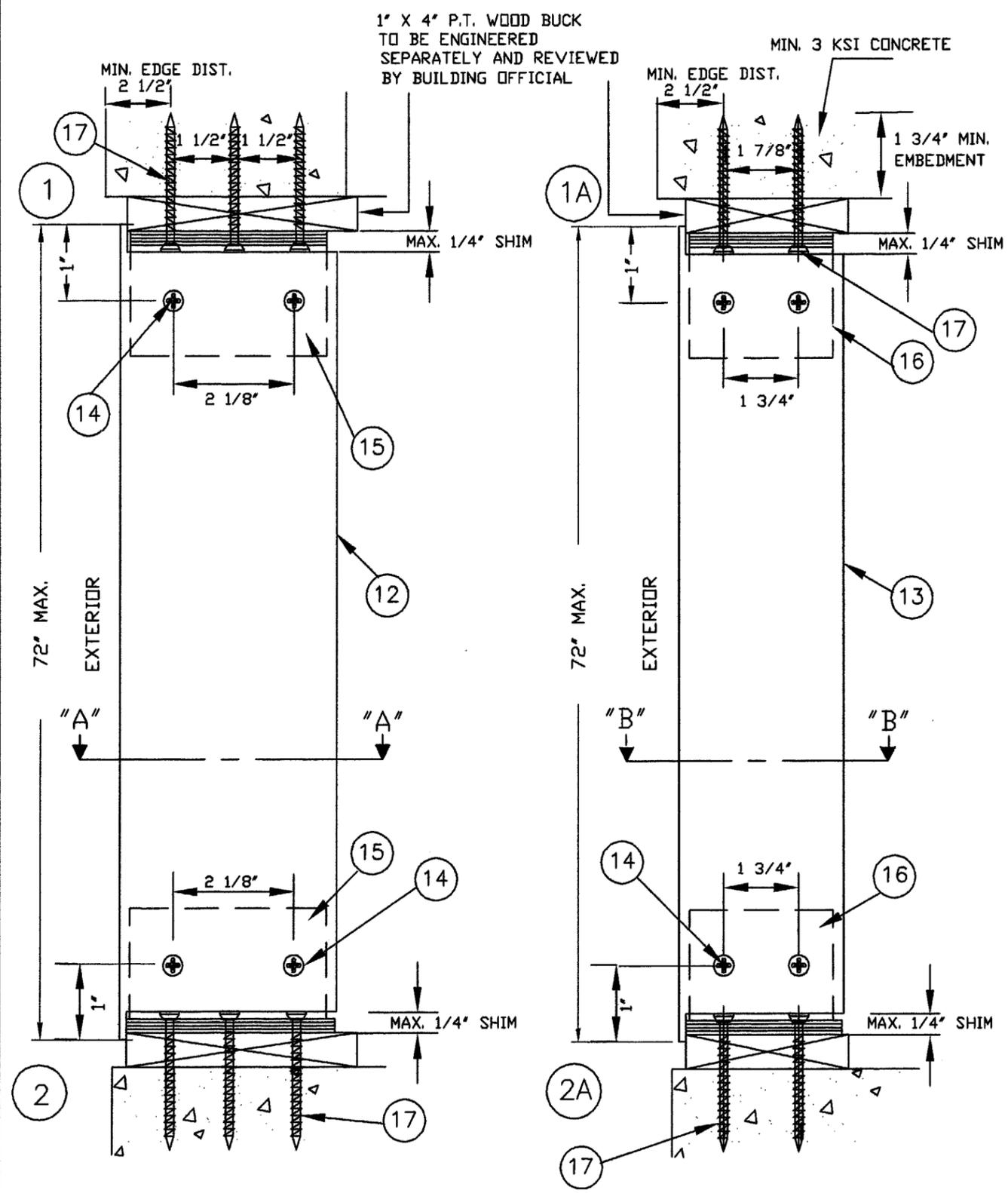
**REVISIONS DESCRIPTION**

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

*[Signature]*  
 8/4/2003

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 Florida Building Code  
 Date: AUG 29, 2003  
 NO. 03-0303.04  
 Miami Dade Product Control  
 Division  
 By: Ishag J. Chaudhry

ITEM NO.	PART NO.	REQUIRED	PART NAME	REMARKS
1	122-001	1	HEAD ALUM. 6005-T5	
2	122-001	1	SILL ALUM. 6005 T-5	
3	122-001	2	JAMB ALUM. 6005-T5	
4	122-008	8	GLAZING BEAD ALUM.6005 T-5	5/16" GLASS TK.
5	122-010	8	GLAZING BEAD ALUM.6005 T-5	9/16" GLASS TK.
6		12	FRAME ASSEMBLY SCREWS	#8 X 1 1/4" PHSMS S/S
7		2	SETTING BLOCK (NOEPRENE)	1/8" X 1/4" X 4"
8		4	BEAD BULB VINYL	
9			GLAZING SILICONE	GE 4000, DOW CORNING 995, GE 2800
10		SEE ELEV.	INSTALLATION FASTENERS ITW	1/4" FH ITW TAPCONS
11		SEE ELEV.	JAMB/MULLION FASTENERS	#12 x 3/4" FH SMS
12			2" X 4" X 1/8" ALUM TUBE-6063 T-5	TESTED AT 120 psf
13			1" X 3" X 1/8" ALUM TUBE-6063 T-5	TESTED AT 62.4 psf
14		2/CLIP	ANGLE/MULLION FASTENERS	#12 x 3/4" FH GRADE 5
15			ANGLE CLIP (120 PSF) ALM. 6063 T-5	
16			ANGLE CLIP (62.5 PSF) ALM. 6063 T-5	
17			MULLION ANGLE INSTALATIONS FAST. 1/4" ITW	



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

DP: 62.4 PSF ( POSITIVE & NEGATIVE)  
 1" X 3" MULLION TO BE USED WITH