



**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 25th 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 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 07-11-03, sheets 1 through 4, prepared by manufacturer, 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.

8/14/13



**NOA No 03-0303.01
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. **122-003**, titled "Series 122 Aluminum Fixed Window-Large Missile Impact", dated 03-10-03 and last revised on 07-11-03, sheets 1 through 4, prepared by manufacturer, 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.
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

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 03-0303.01

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 SINGLE HUNG WINDOW LARGE MISSILE IMPACT

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

DWG. NO.: 122-003

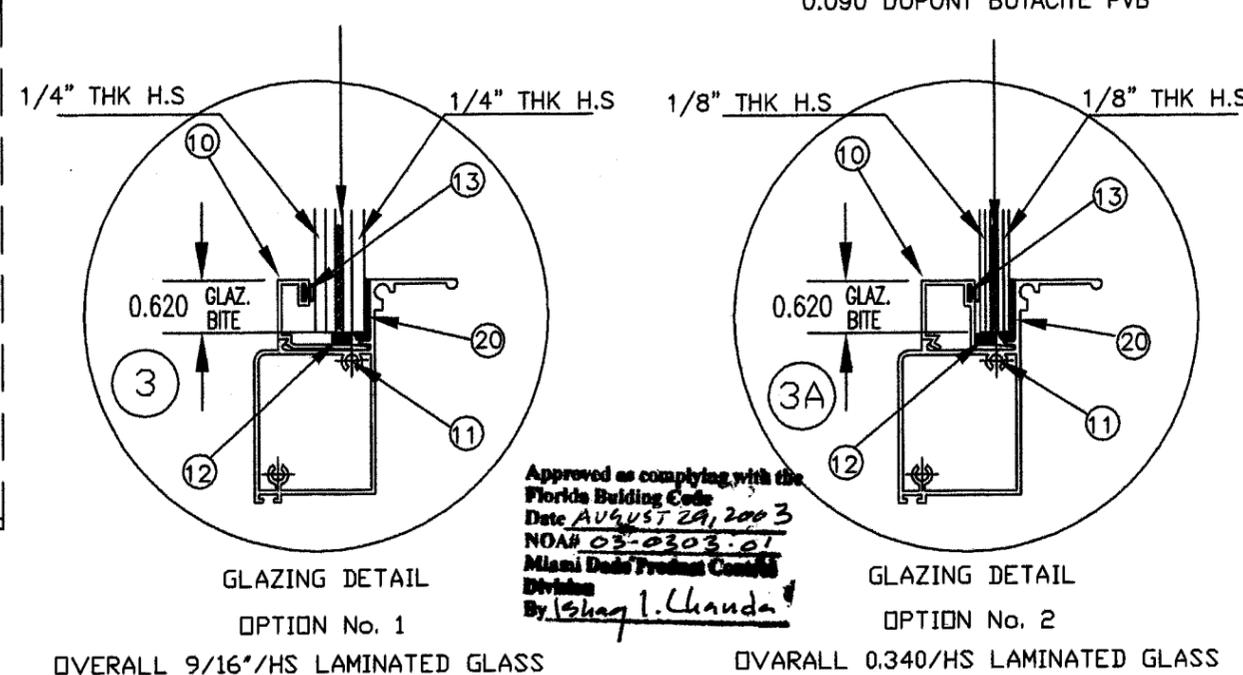
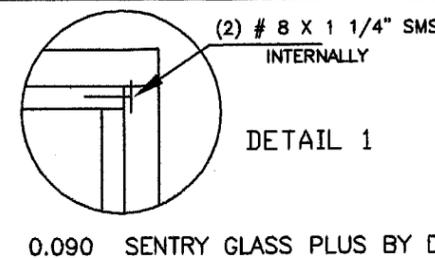
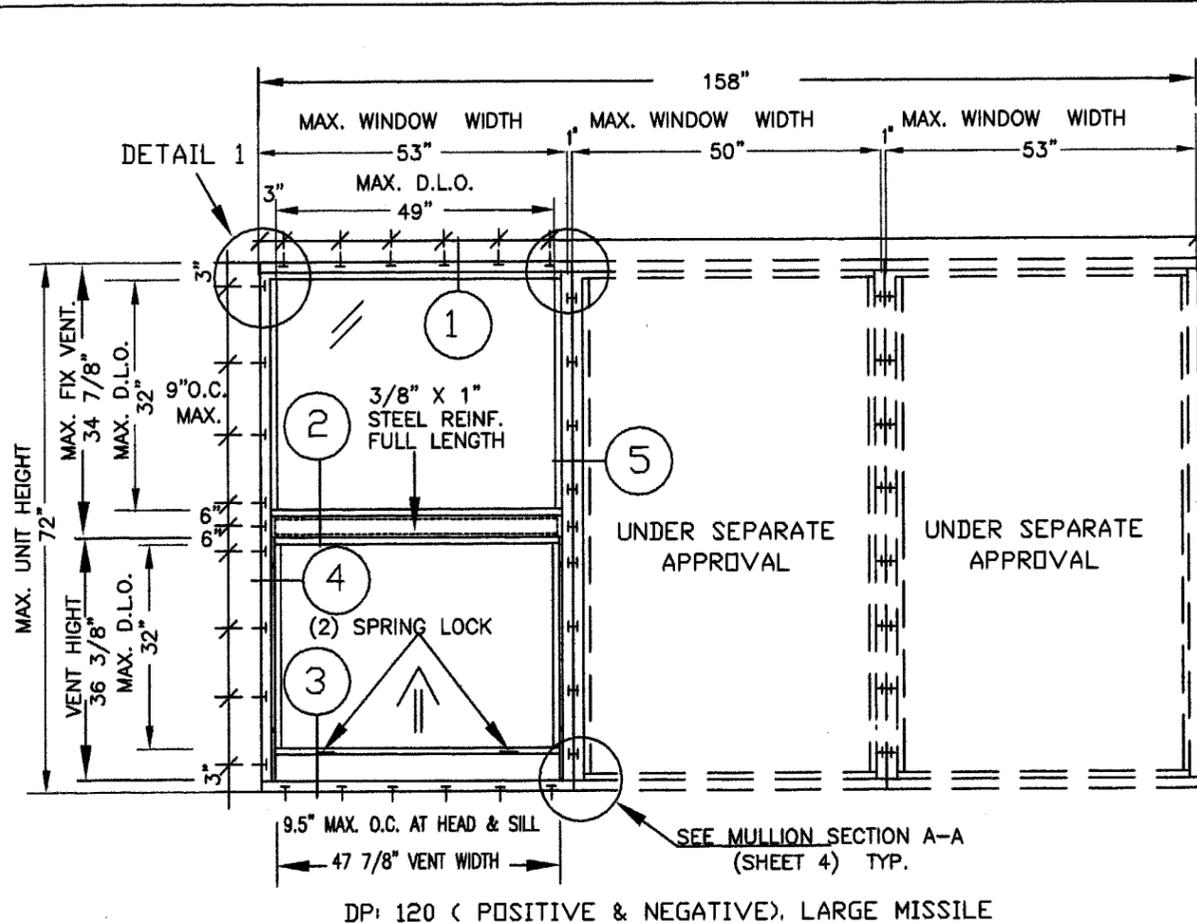
SHEET 1 OF 4

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

REVISIONS DESCRIPTION

SIFANG ZHAO
 P.E. 50685
 STRUCTURAL ENGINEER

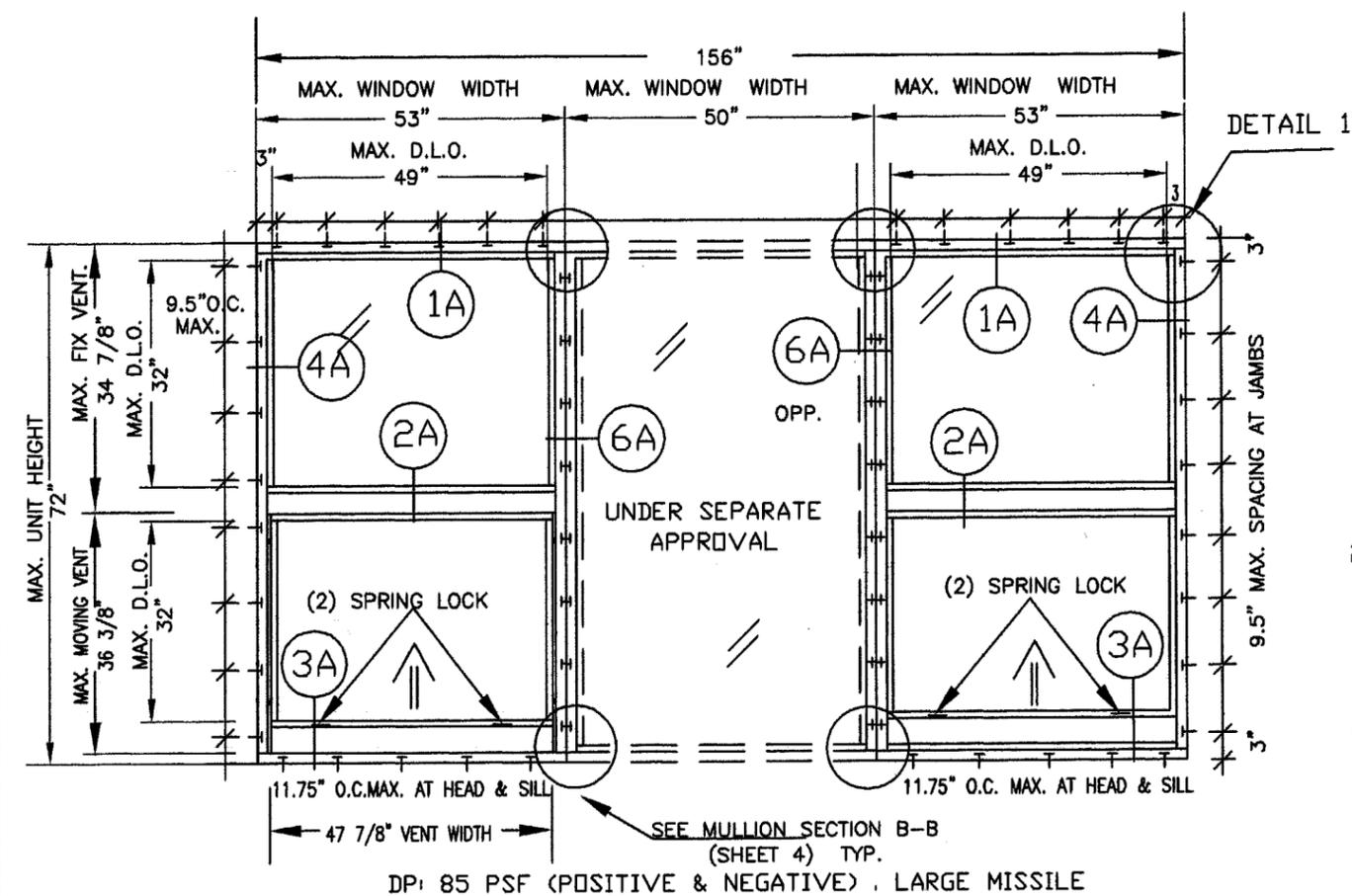
[Signature]
 8/4/2003



Approved as complying with the Florida Building Code
 Date AUGUST 29, 2003
 NOAH 03-0303-01
 Miami Dade Product Control Division
 By: *[Signature]*

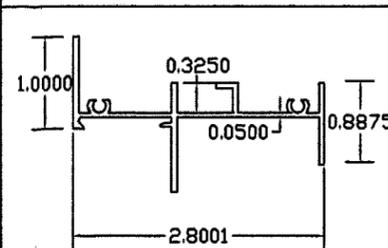
DESIGN PRESSURE RATING (P.S.F.)		
	WITH GLAZING OPTION 1 AND WITH STEEL REINFORCEMENT	WITH GLAZING OPTION 2 NO STEEL REINFORCEMENT REQ'D.
POSITIVE	120.0	85.0
NEGATIVE	120.0	85.0

- 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

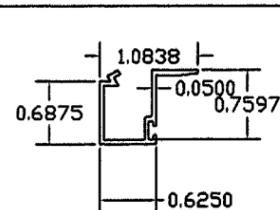


DP: 85 PSF (POSITIVE & NEGATIVE), LARGE MISSILE

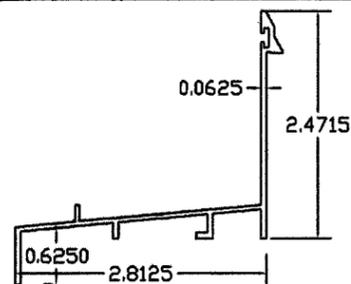
DIMENSIONS IN INCHES— HALF SCALE



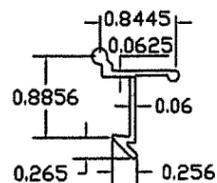
122-001
PART # 1



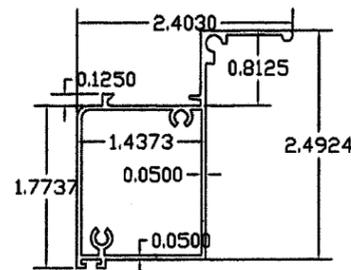
122-008
PART # 8



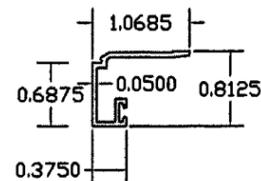
122-002
PART # 2



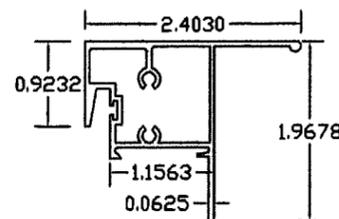
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PART # 9



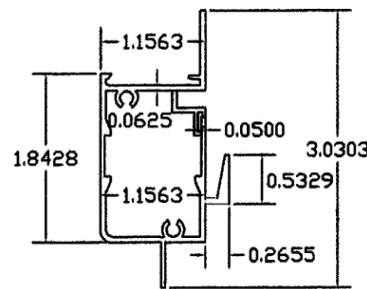
122-006
PART # 6



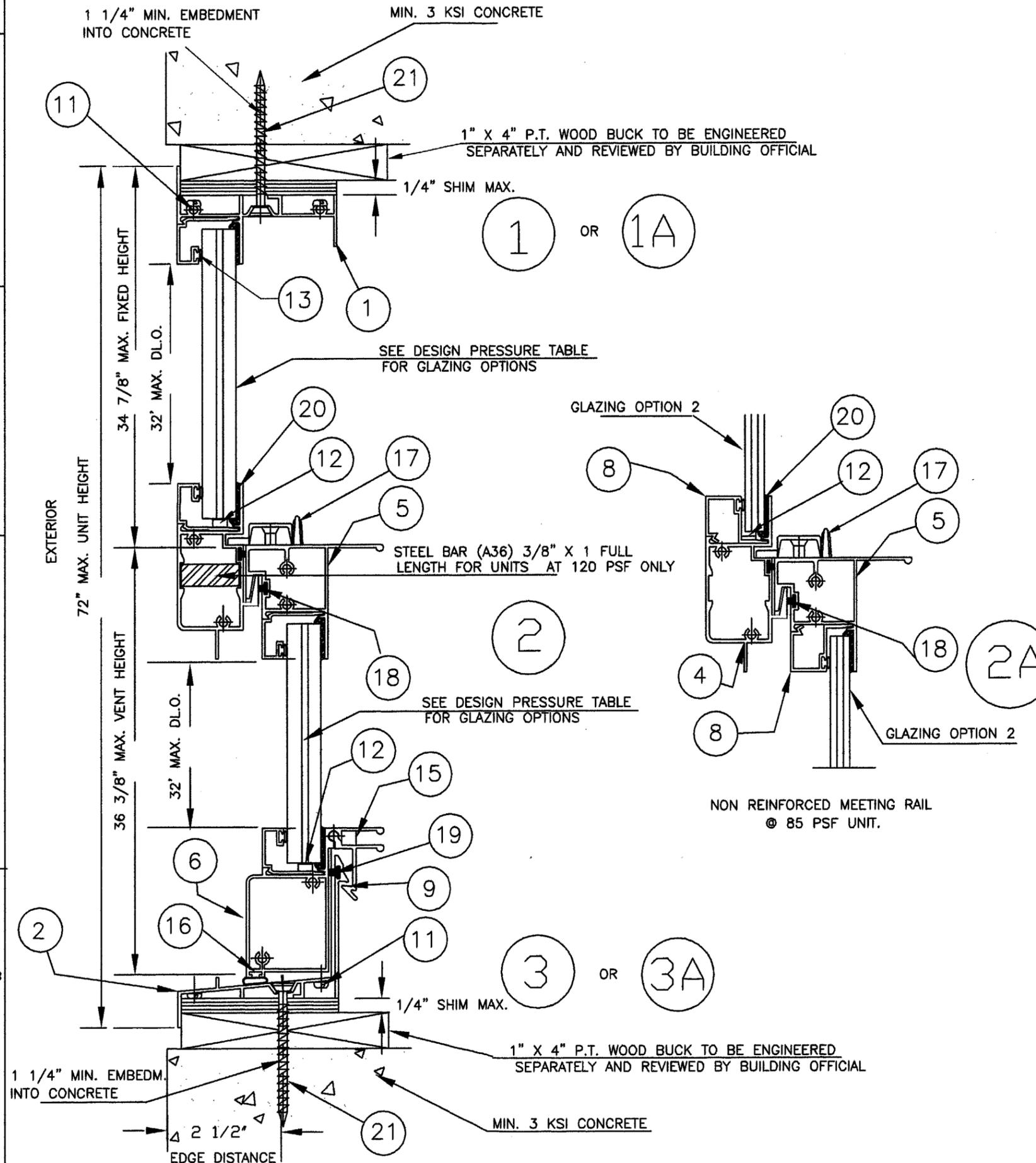
122-010
PART # 10



122-005
PART # 5



122-004
PART # 4



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 2 OF 4

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# 02-0303-01
Miami Dade Product Control Division
By: Shag I. Chaudh

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

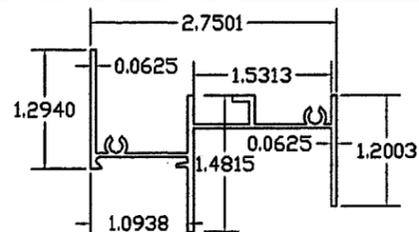
NO.	DATE	DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
2	07/11/03	AS PER DADE COUNTY

REVISIONS DESCRIPTION

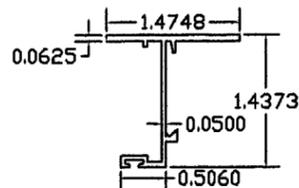
SIFANG ZHAO
 P.E. 50685
 STRUCTURAL ENGINEER

[Signature]
 8/4/2003

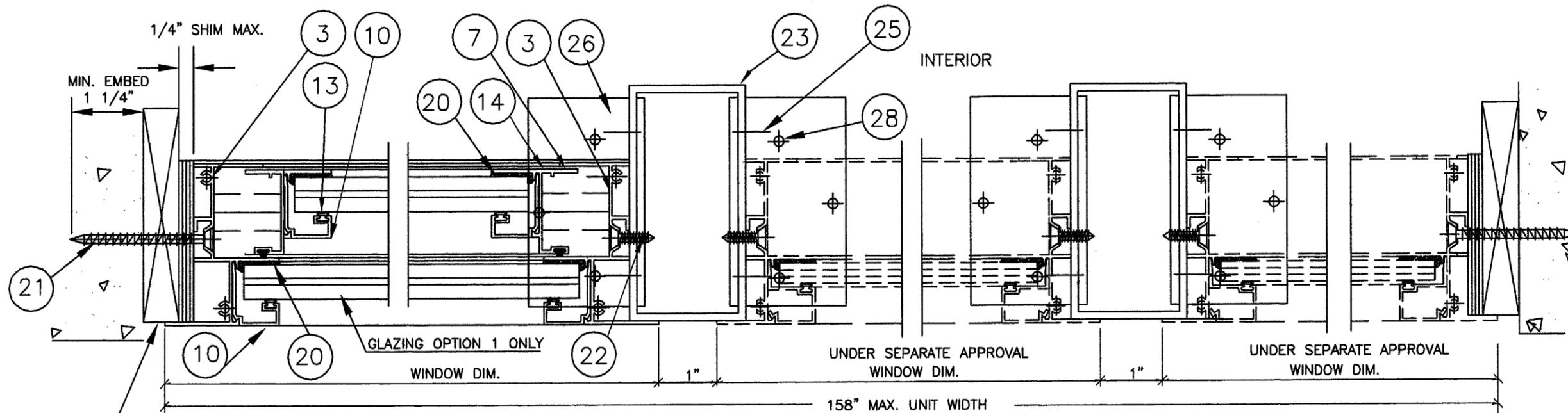
Approved as complying with the
 Florida Building Code
 Date Aug 29, 2003
 NOA# 03-0303-01
 Miami Dade Product Control
 Division
 By Isaac I. Chanda



122-003
 PART # 3

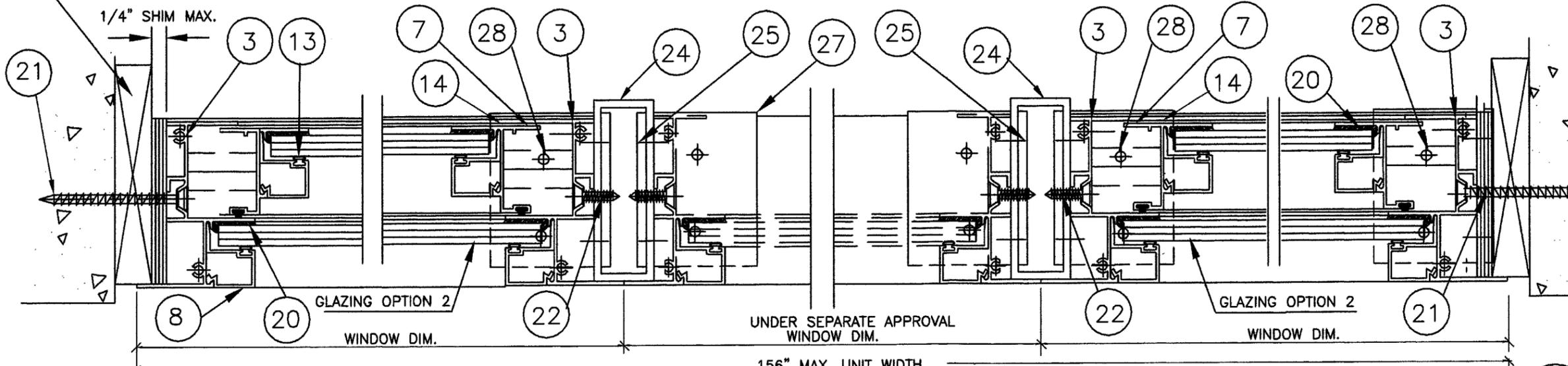


122-007
 PART # 7



158" MAX. UNIT WIDTH
 120PSF HORIZONTAL CROSS SECTION

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



156" MAX. UNIT WIDTH
 85PSF HORIZONTAL CROSS SECTION

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
05/06/03	AS PER DADE COUNTY	
2 07/11/03	AS PER DADE COUNTY	

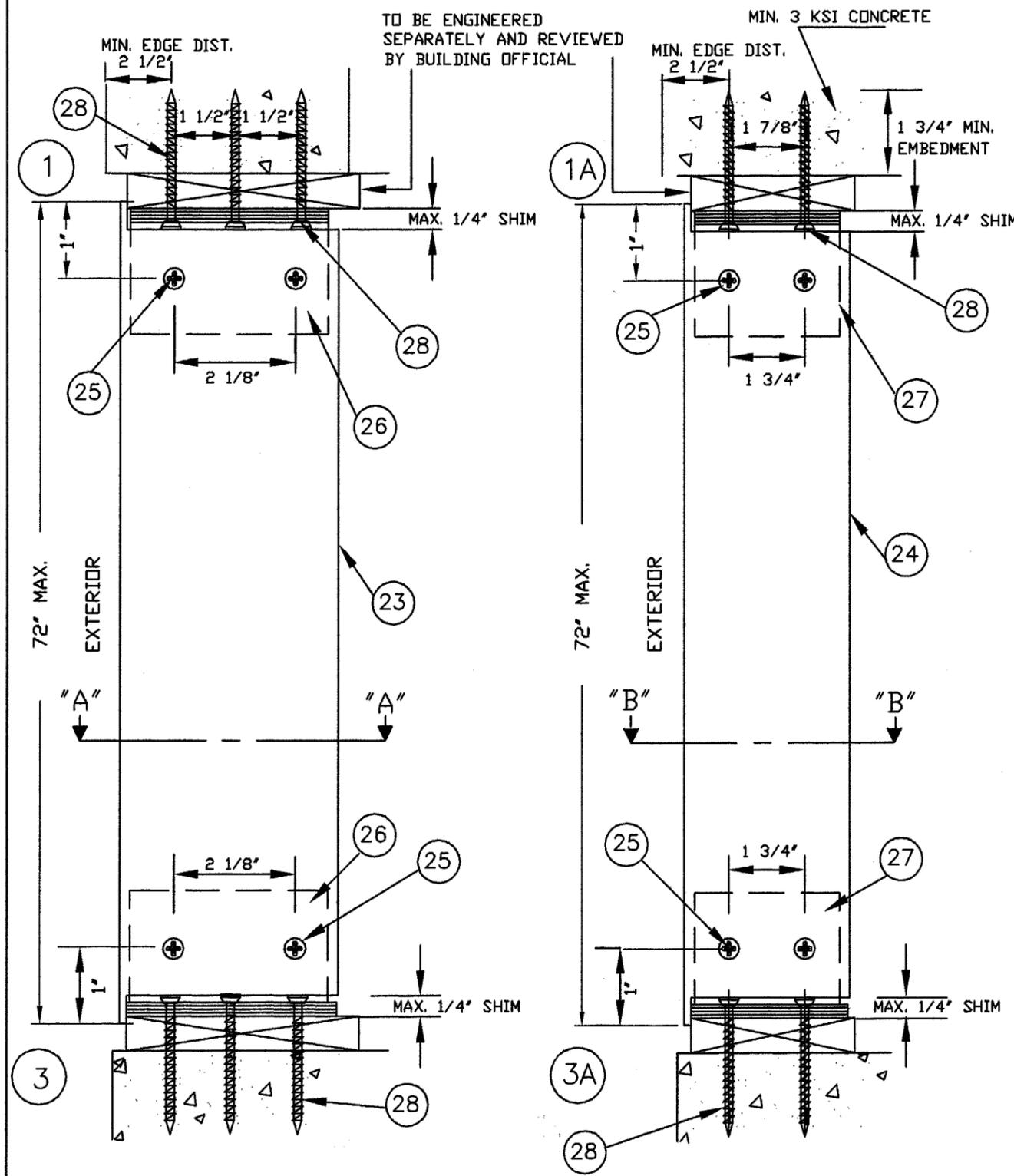
REVISIONS DESCRIPTION

SIFANG ZHAO
 P.E. 50685
 STRUCTURAL ENGINEER

[Signature]
 8/2/03

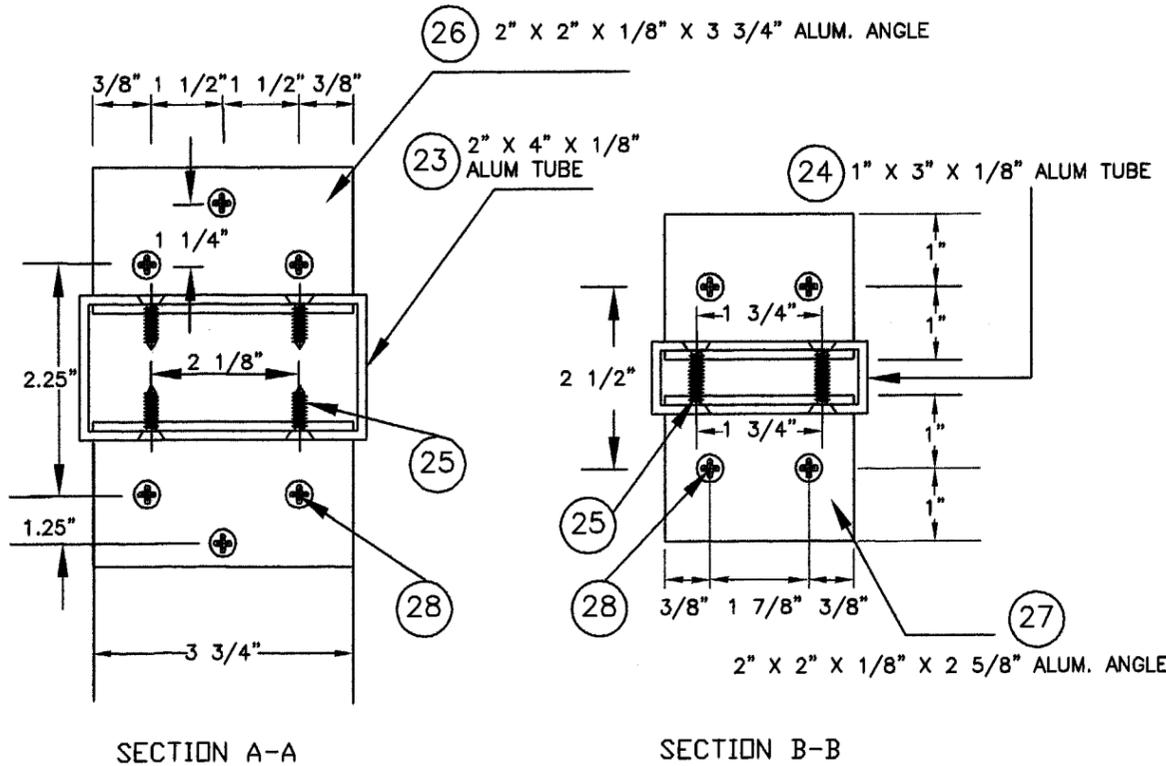
Approved as complying with the
 Florida Building Code
 Date: Aug 29, 2003
 NOAH 03-0303-01
 Miami Dade Product Council
 Division
 By: [Signature]

ITEM NO.	PART NO.	REQUIRED	PART NAME	REMARKS
1	122-001	1	HEAD ALUM. 6005 T-5	
2	122-002	1	SILL ALUM. 6005 T-5	
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	VENT BOTTOM ALUM. 6005 T-5	
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	



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)



SECTION A-A

SECTION B-B