



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 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 Fixed Window – S. M. Impact

APPROVAL DOCUMENT: Drawing No. 122-002, titled “ Series 122 Aluminum Fixed Window-Small 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: 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.

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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.**

8/17/3



NOA No 03-0303.05
Expiration Date: August 29, 2008
Approval Date: August 29, 2003
Page 1

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. 122-002, titled " Series 122 Aluminum Fixed Window-Small 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) Small 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-3383 (02041), dated April 30 2002, signed and sealed by Luis Antonio Figueredo, P.E. (Note: This test report revised by addendum letter on dated 05-22-03 based on review of test report by Joseph Chan, P. E.)

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3. Additional reference test reports FTL 3385 and, 3386 per TAS 201, 202, 203-94, 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.
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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 03-0303.05**

**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
 SMALL MISSILE IMPACT**

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

DWG. NO.: 122-002

SHEET 1 OF 5

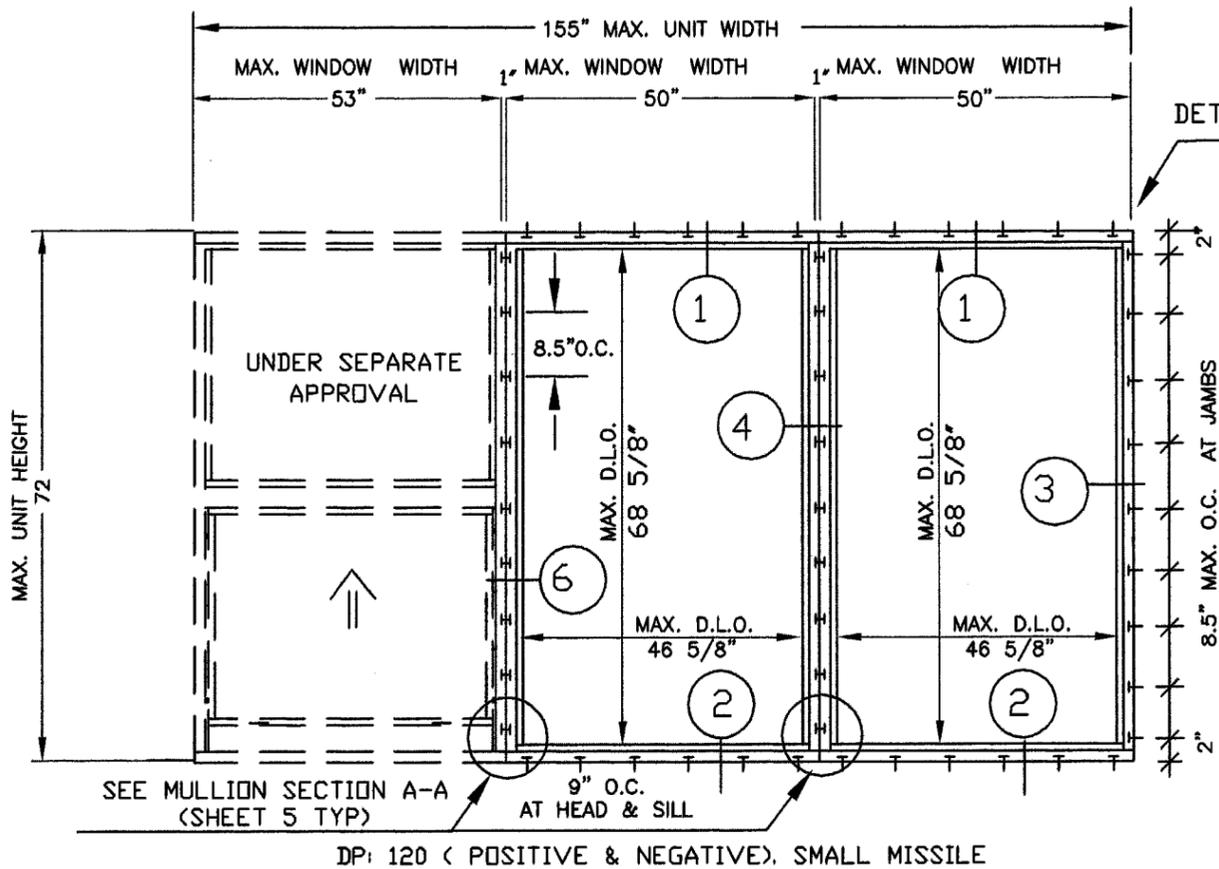
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05/06/03	AS PER DADE COUNTY	
2	07/11/03	AS PER DADE COUNTY

REVISIONS DESCRIPTION

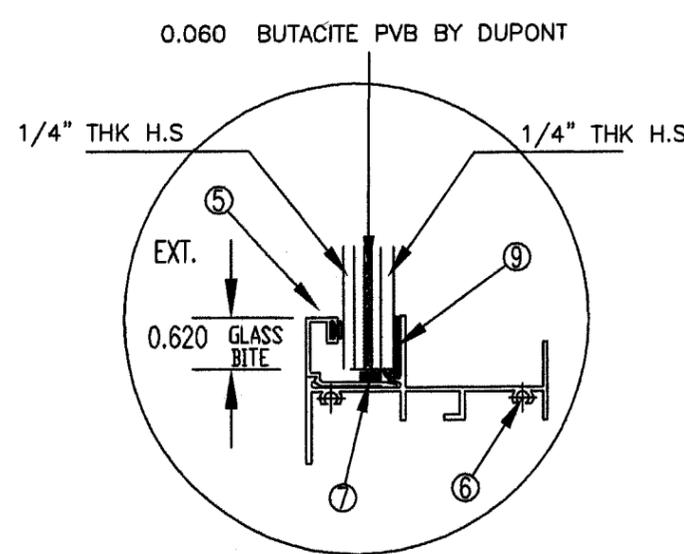
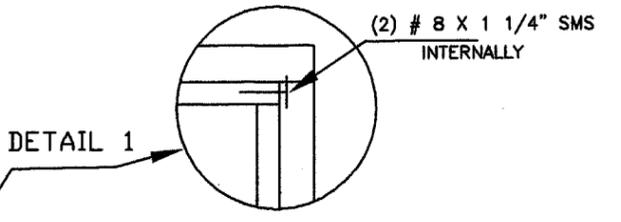
SIFANG ZHAO
 P.E. 50685
 STRUCTURAL ENGINEER

[Signature]
 8/4/2003

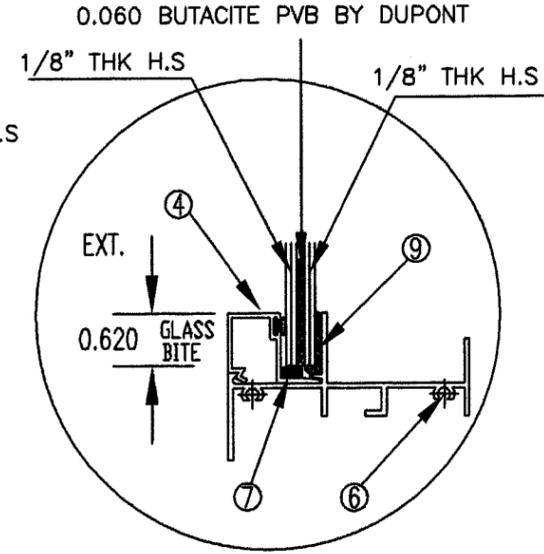
Approved as complying with the Florida Building Code
 Date: AUGUST 29, 2003
 NOAH 03-0303-05
 Miami Dade Product Control Division
 By: Shaq I. Uanda



DP: 120 (POSITIVE & NEGATIVE) . SMALL MISSILE



OPTION No. 1 (120 PSF)
 OVERALL 0.560"/HS LAMINATED GLASS

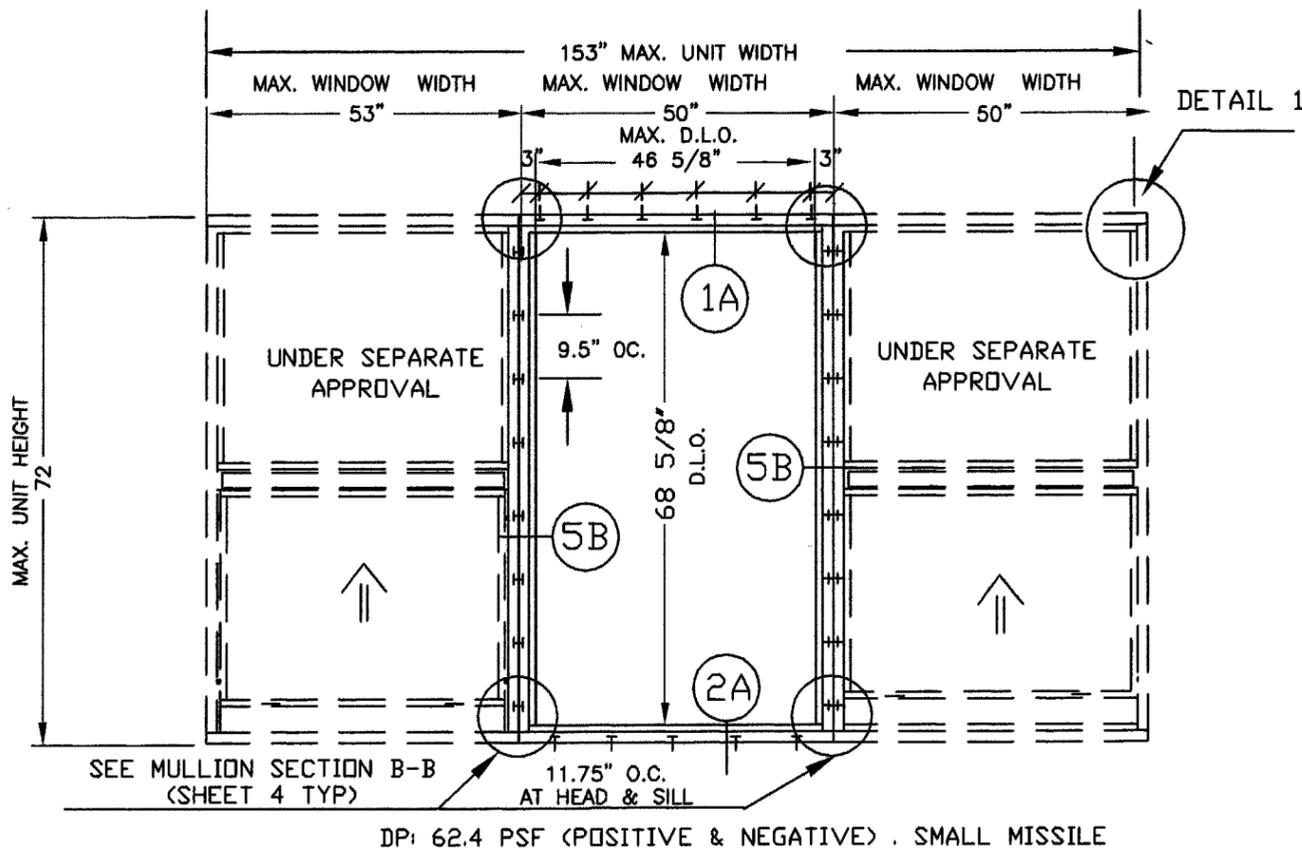


OPTION No. 2 (62.4 PSF)
 OVERALL 0.340"/HS LAMINATED GLASS

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:

1. MIAMI WALL SINGLE HUNG UNITS UNDER SEPARATE APPROVAL. LOWER DESIGN PRESSURE CONTROLS
2. 1" X 4" P.T. WOOD BUCKS MUST BE ENGINEERED TO TAKE THE WIND LOADS IMPOSED BY WINDOWS AND TO BE REVIVED BY BUILDING OFFICIAL.
3. FRAME CORNER, FIXED PANEL & MULLION SEALED W/ SILICONE
4. GLAZING TO BE LAMINATED BY DUPOUND APPROVED LAMINATED.
5. HURRICANE PROTECTION SYSTEM (SHUTTERS): INSTALLATION OF THIS SYSTEM UP TO 30 FT. ABOVE GRADE WILL REQUIRE PROTECTION SYSTEM. BUT INSTALLATIONS ABOVE 30FT. WILL NOT REQUIRE A HURRICANE PROTECTION SYSTEM.
6. ALL INSTALLATION HOLES MUST BE FACTORY PUNCHED FOR 1/4" DIAM. FLAT HEAD FASTENERS.



DP: 62.4 PSF (POSITIVE & NEGATIVE) . SMALL MISSILE

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

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

DATE: 8/10/03
 DWG. BY: J.C.
 SCALE: N/A

DWG. NO.: 122-002

SHEET 3 OF 5

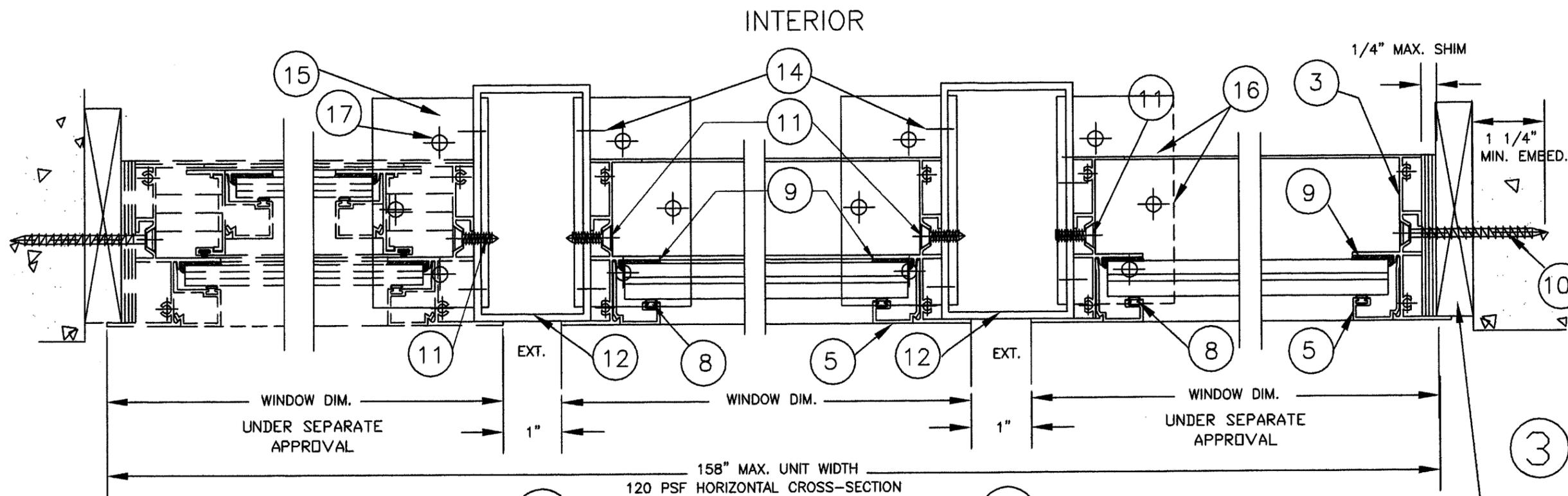
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REVISIONS DESCRIPTION

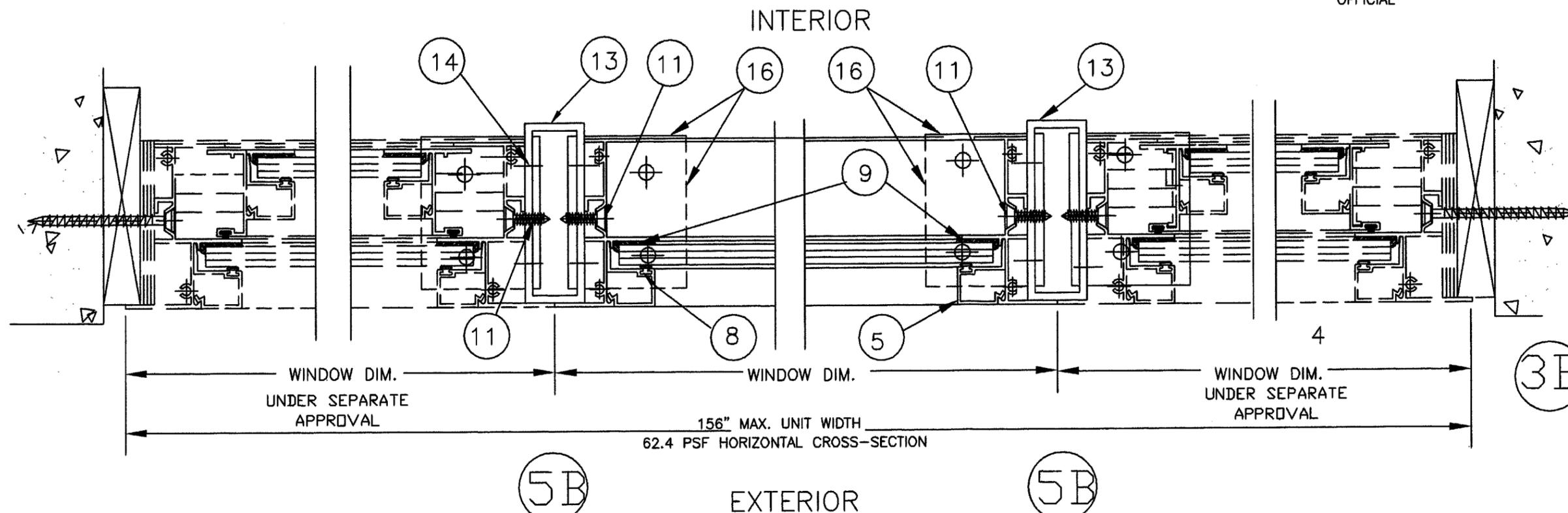
SIFANG ZHAO
 P.E. 50685
 STRUCTURAL ENGINEER

[Signature]
 8/4/2003

Approved as complying with the
 Florida Building Code
 Date Aug 29, 2003
 NOAH 03-0303.03
 Miami Dade Product Control
 Division
 By [Signature]



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



EXTERIOR

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

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

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

DWG. NO.: 122-002

SHEET 4 OF 5

NO.	DATE	DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
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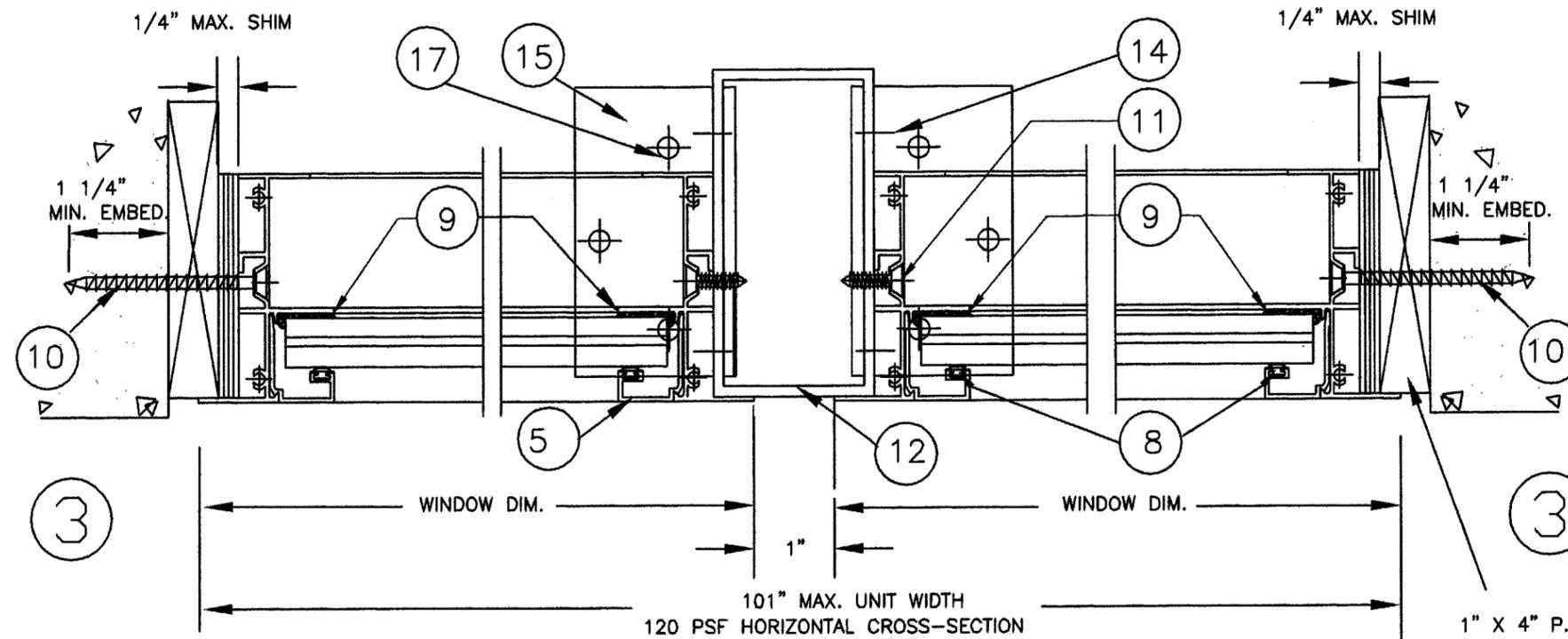
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 Miami Dade Product Control
 Division
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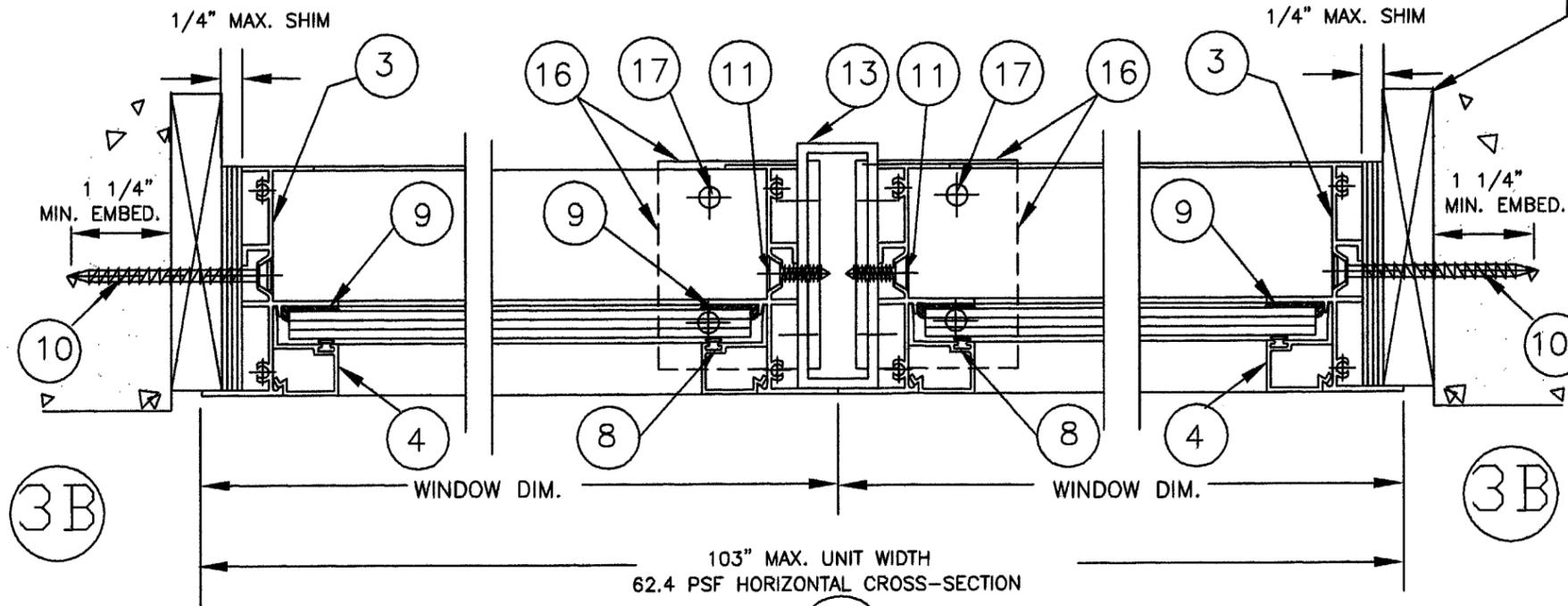
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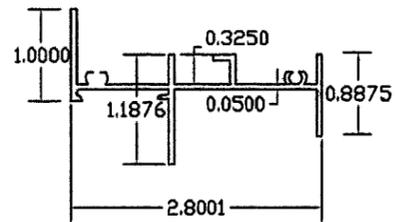
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4

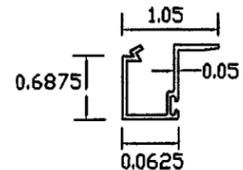
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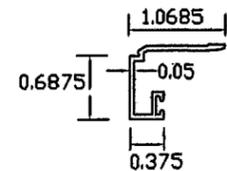
7B



PART#1,2 & 3: 122-001



PART#4 : 122-008



PART#5: 122-010

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SHEET 5 OF 5

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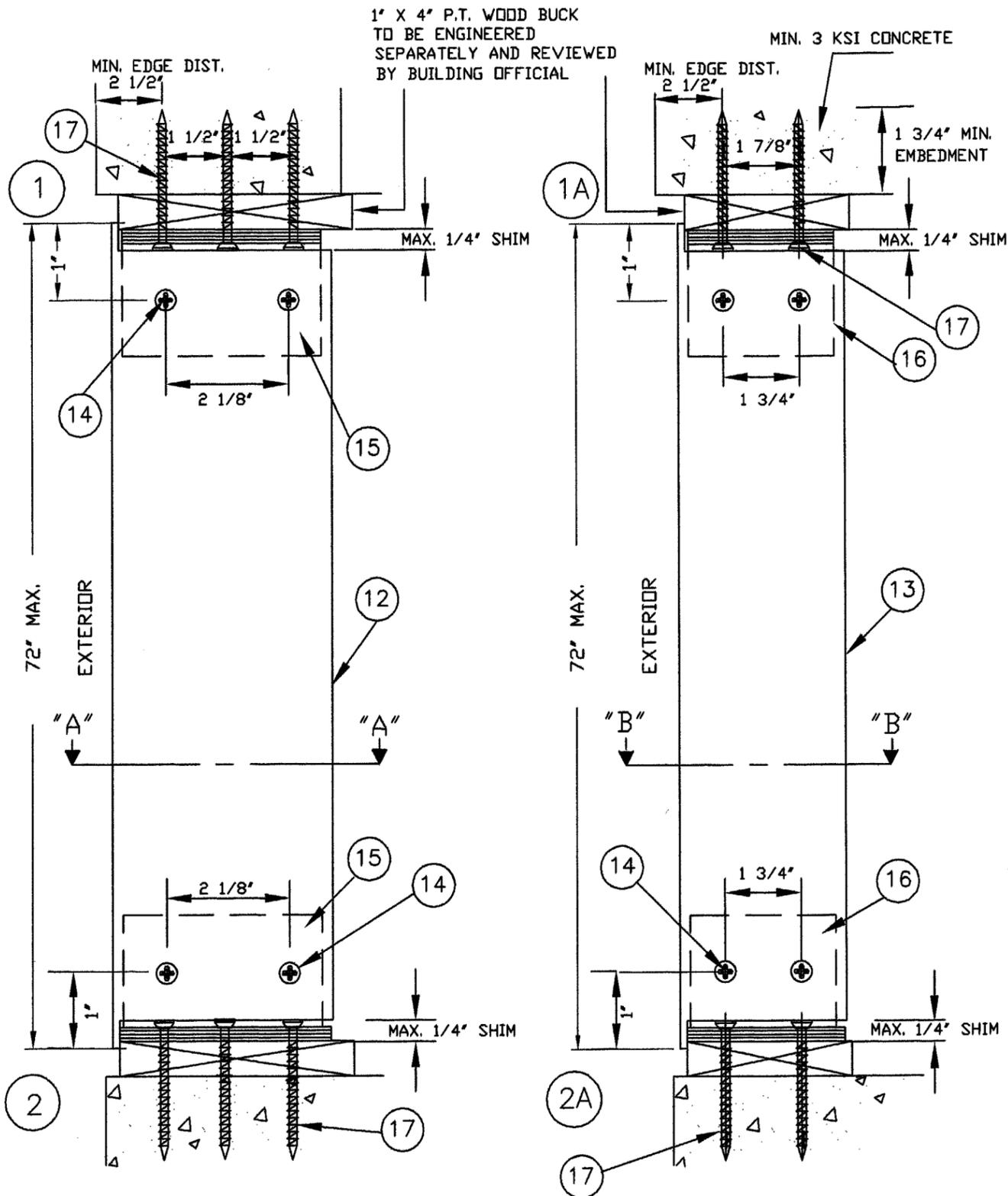
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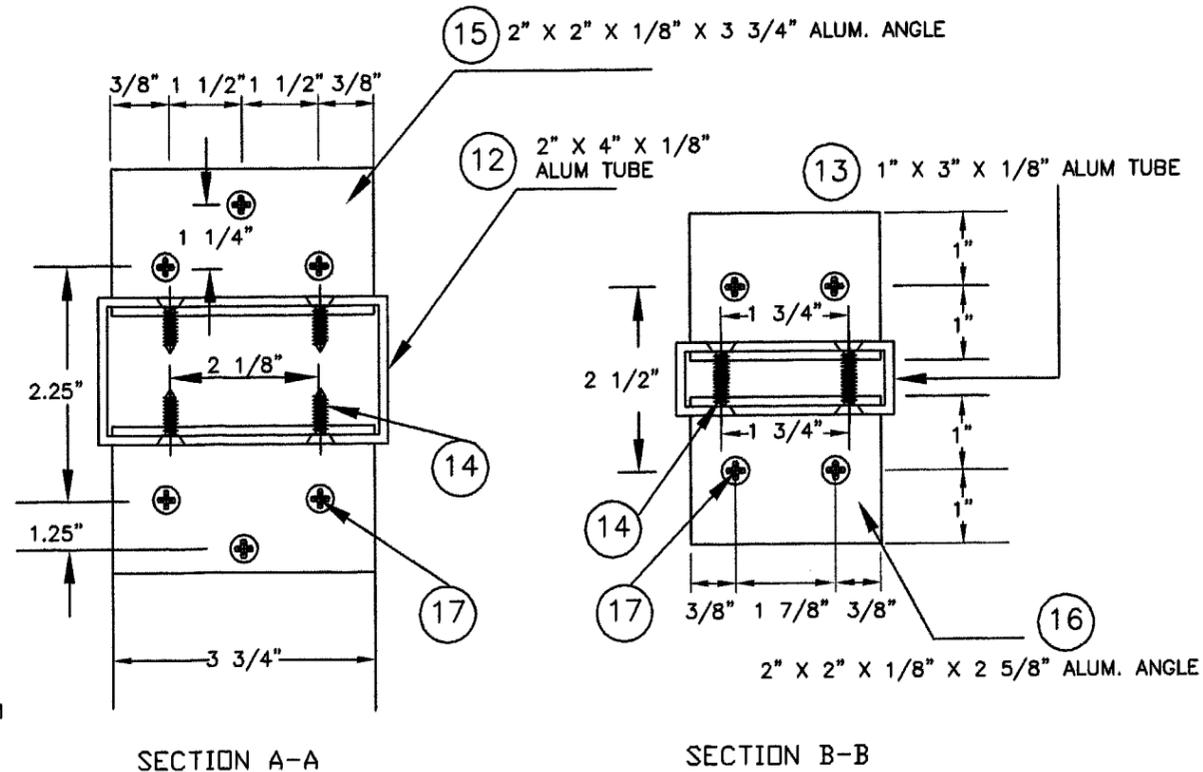
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 By J. Chanda

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		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)

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





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DESCRIPTION: Series 122 Aluminum Fixed Window – S. M. Impact

APPROVAL DOCUMENT: Drawing No. 122-002, titled “ Series 122 Aluminum Fixed Window-Small 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.

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NOA No 03-0303.05
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Product Control Examiner

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

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

DWG. NO.: 122-002

SHEET 1 OF 5

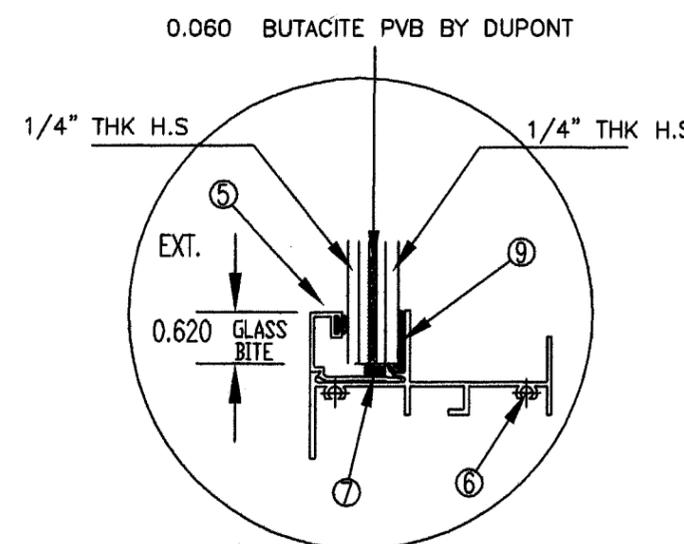
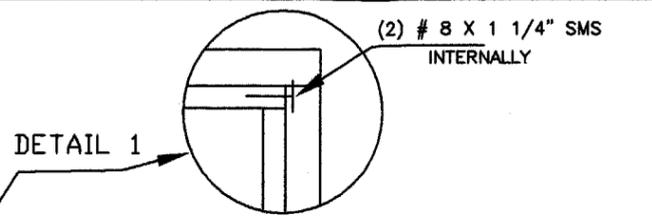
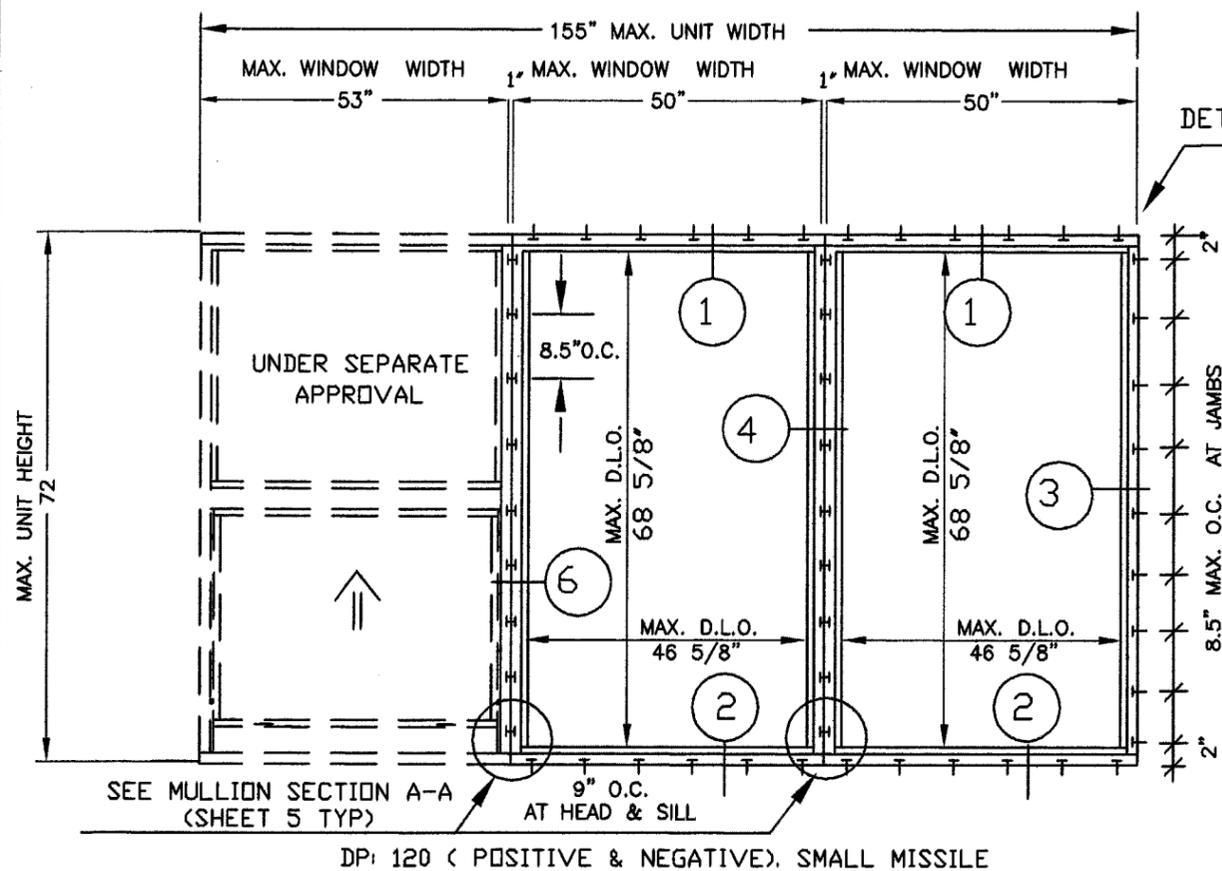
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REVISIONS DESCRIPTION

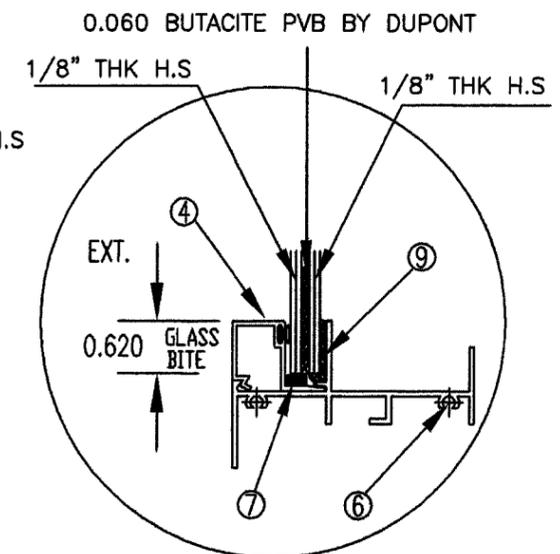
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 P.E. 50685
 STRUCTURAL ENGINEER

[Signature]
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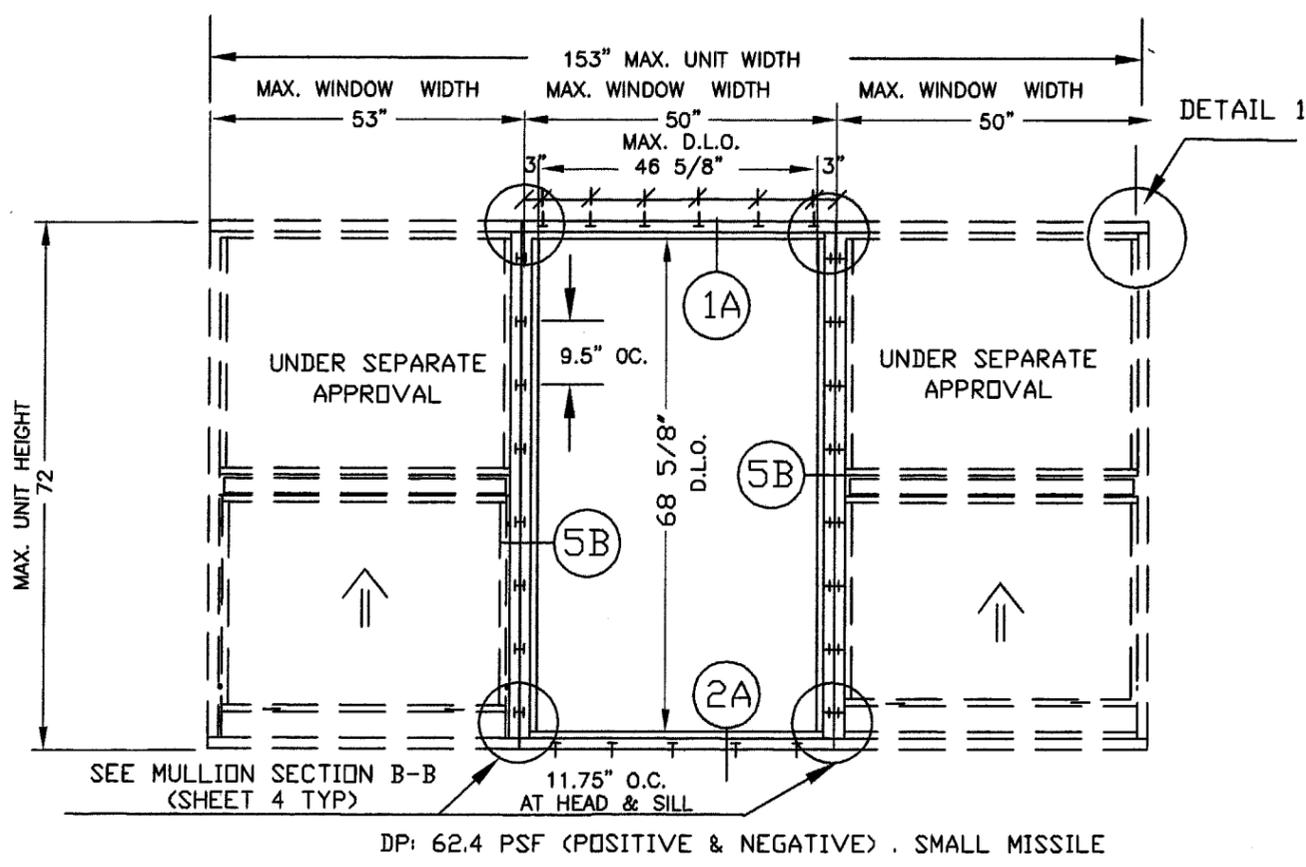
GLAZING DETAIL
 OPTION No. 1 (120 PSF)
 OVERALL 0.560/HS LAMINATED GLASS

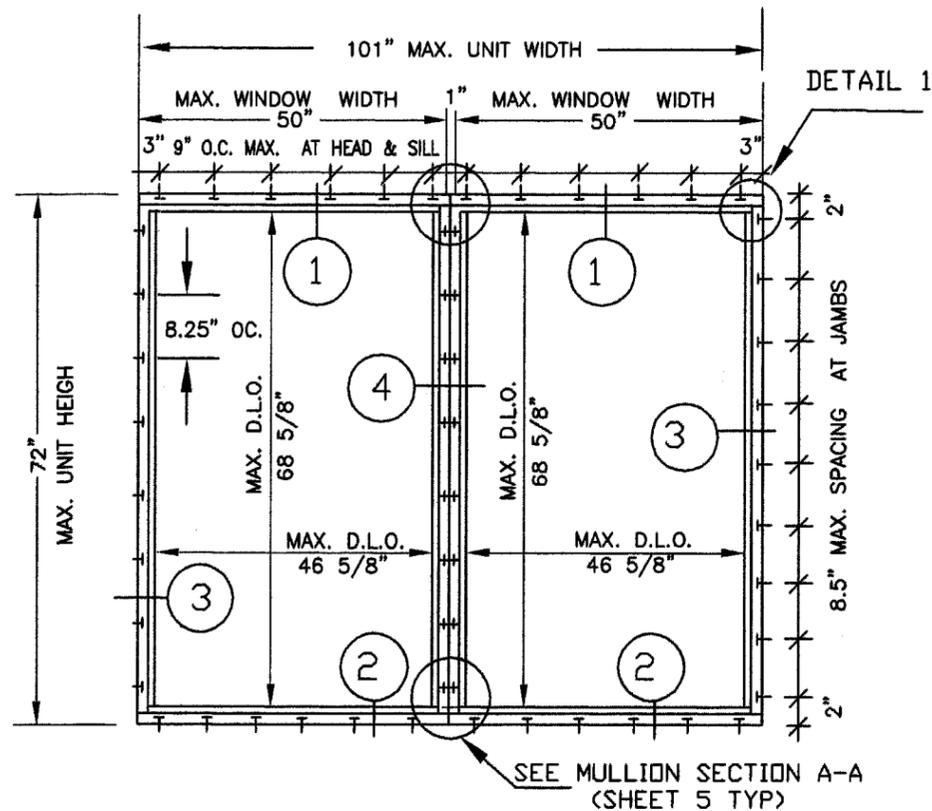


GLAZING DETAIL
 OPTION No. 2 (62.4 PSF)
 OVERALL 0.340/HS LAMINATED GLASS

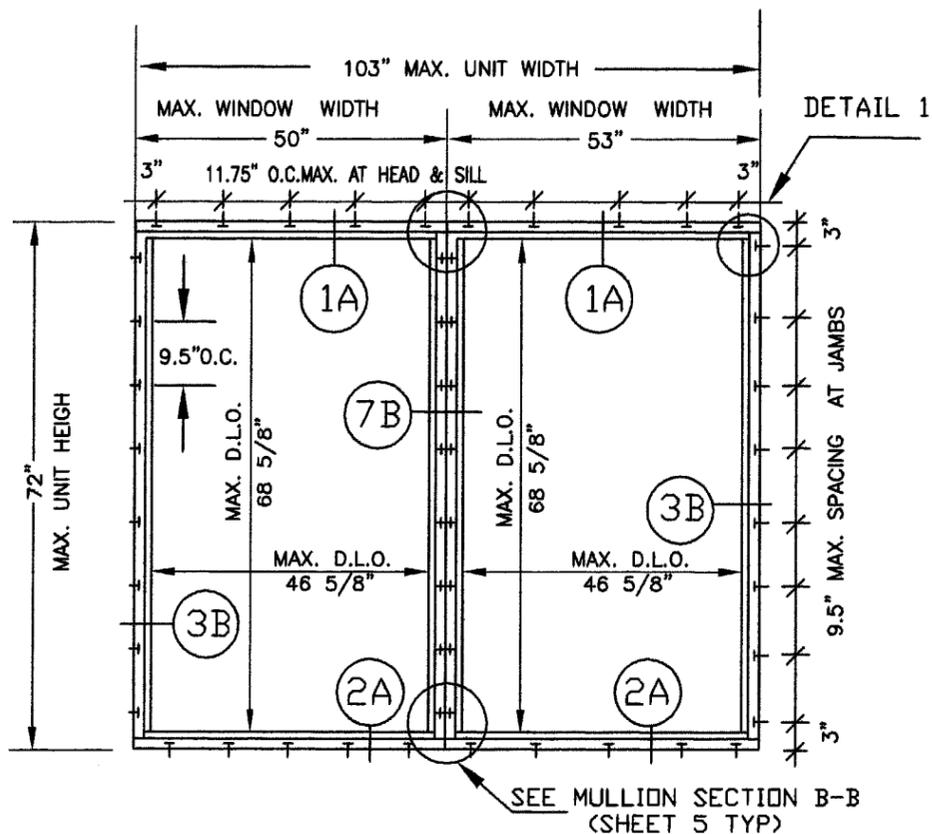
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POSITIVE	NEGATIVE	NOTES
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- NOTES:
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 5. HURRICANE PROTECTION SYSTEM (SHUTTERS): INSTALLATION OF THIS SYSTEM UP TO 30 FT. ABOVE GRADE WILL REQUIRE PROTECTION SYSTEM. BUT INSTALLATIONS ABOVE 30FT. WILL NOT REQUIRE A HURRICANE PROTECTION SYSTEM.
 6. ALL INSTALLATION HOLES MUST BE FACTORY PUNCHED FOR 1/4" DIAM. FLAT HEAD FASTENERS.



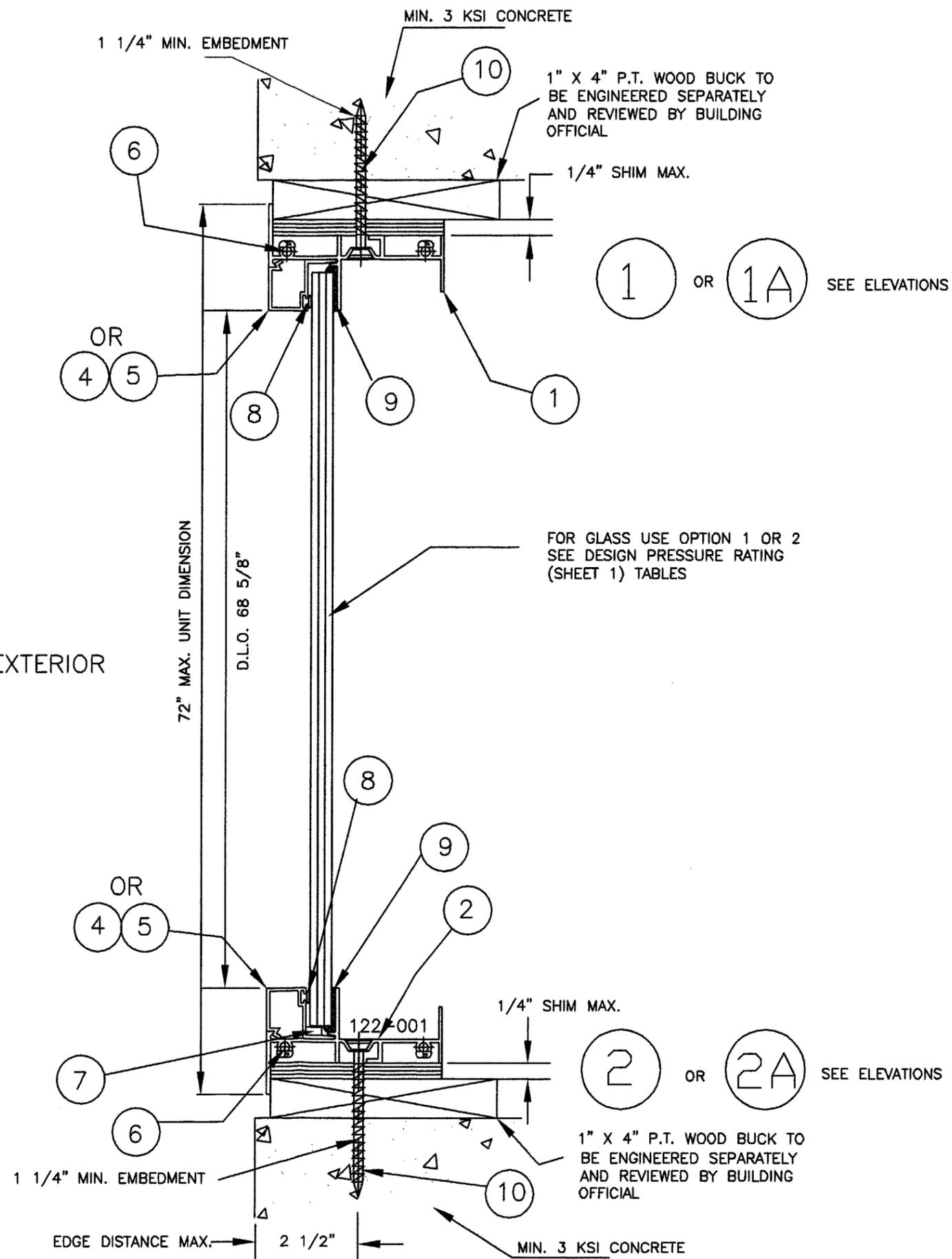


FOR OPTIONAL FIXED-FIXED CONDITION
DP: 120 (POSITIVE & NEGATIVE), SMALL MISSILE



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

EXTERIOR



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

SERIES: 122 ALUMINUM
FIXED WINDOW
SMALL MISSILE IMPACT

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

DWG. NO.: 122-002

SHEET 2 OF 5

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 AUG 29, 2003
NOA# 03-0303-05
Miami Dade Product Control
Division
By Ishag I. Chanda

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

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

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

DWG. NO.: 122-002

SHEET 3 OF 5

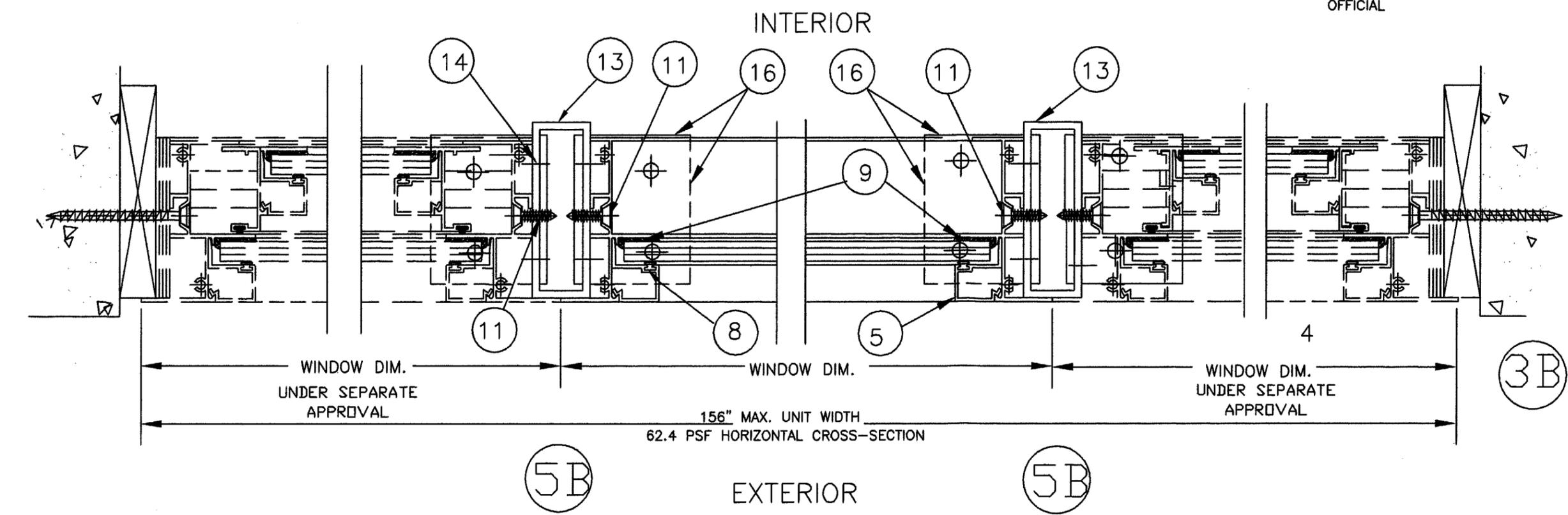
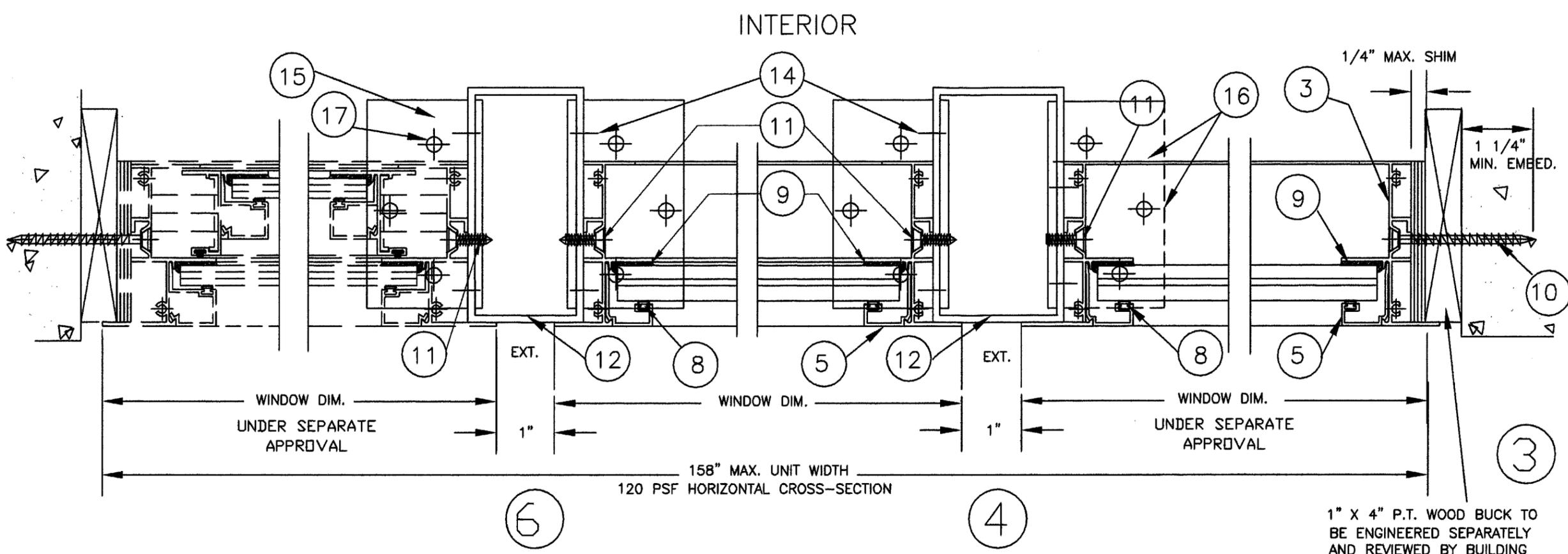
NO.	DATE	DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
2	07/11/03	AS PER DADE COUNTY

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# 03-0303.05
 Miami Dade Product Control
 Division
 By: Shag J. 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
SMALL MISSILE IMPACT**

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

DWG. NO.: 122-002

SHEET 4 OF 5

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

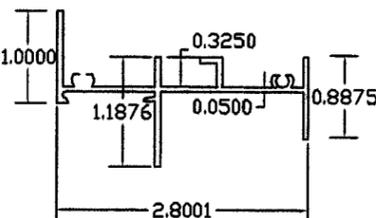
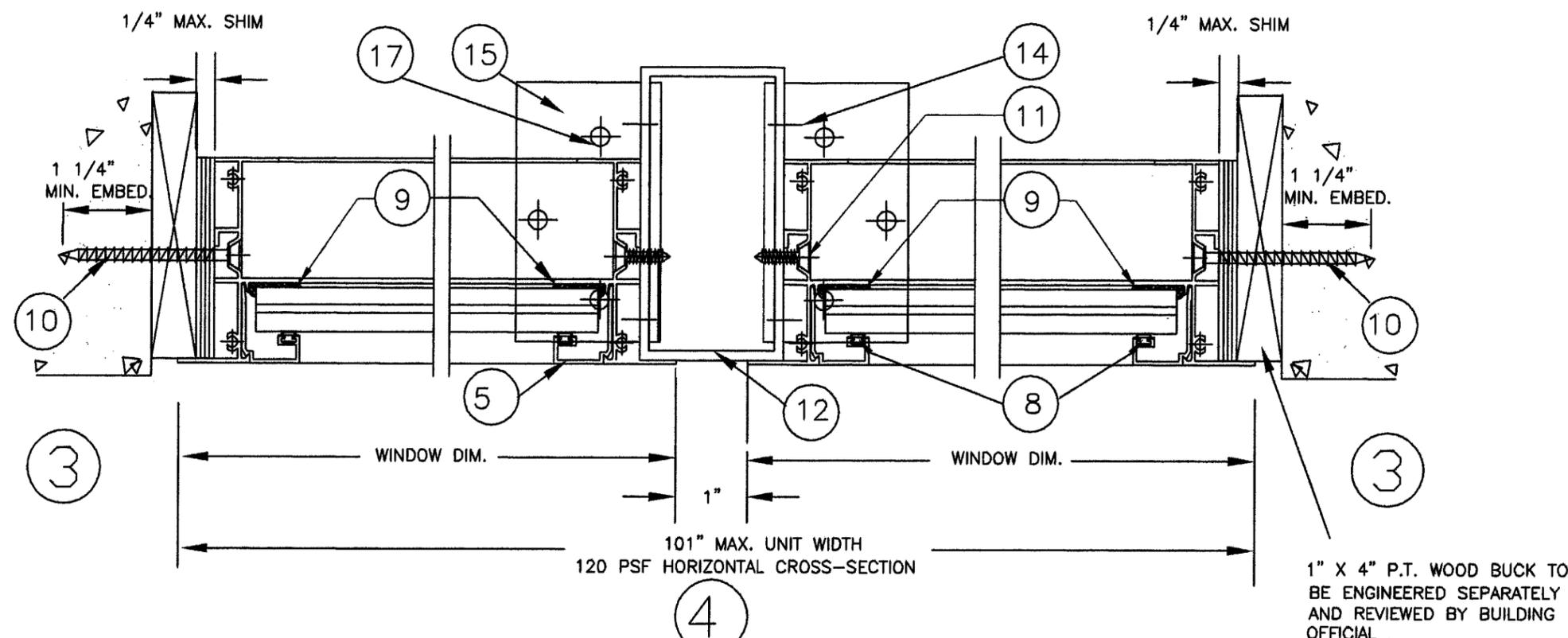
REVISIONS DESCRIPTION

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

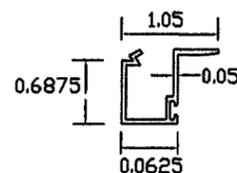
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8/4/2003

Approved as complying with the
Florida Building Code
Date Aug 29, 2003
NOAH 03-0303.05
Miami Dade Product Control
Division
By Ishag I. Chanda

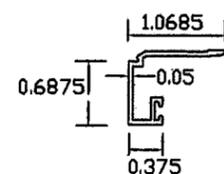
INTERIOR



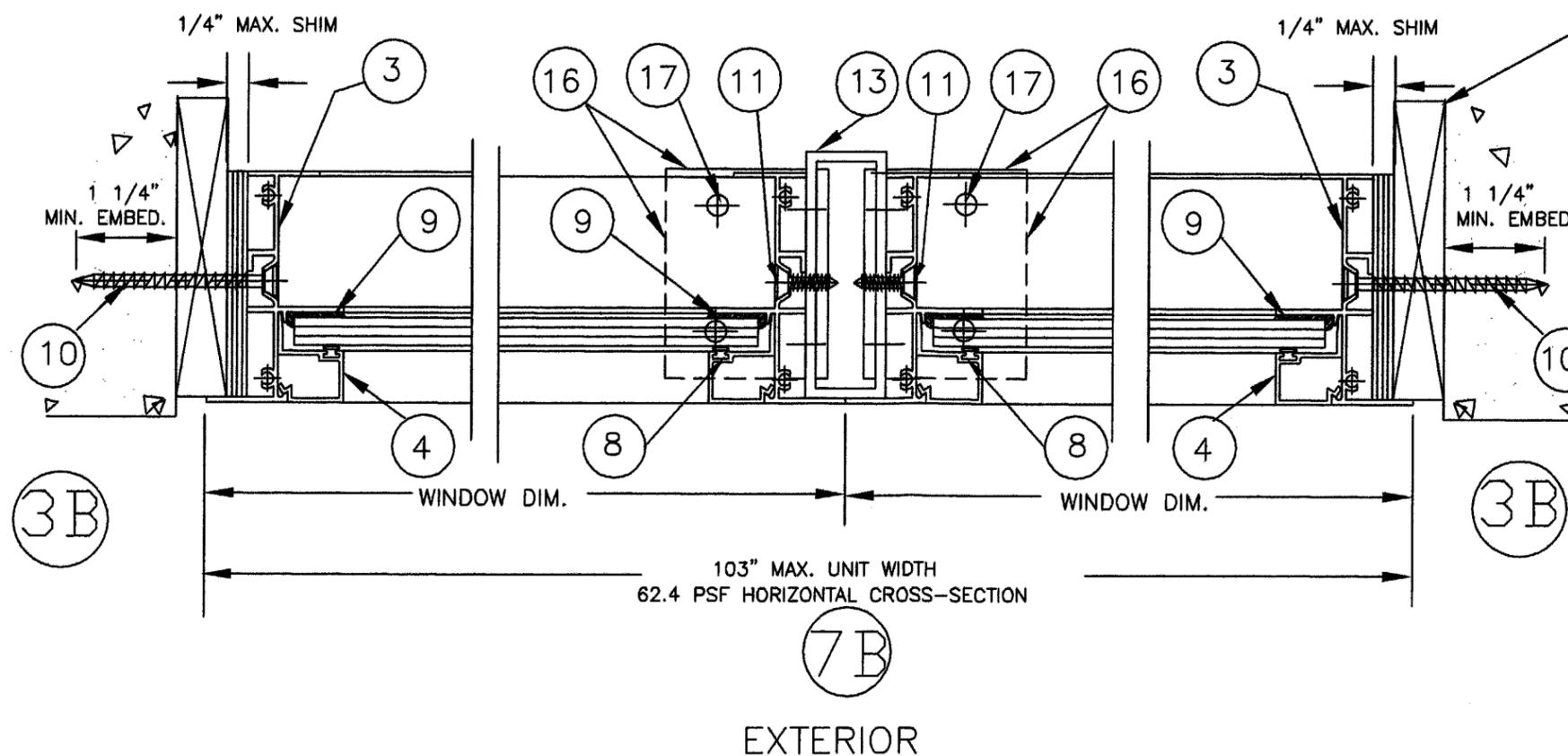
PART#1,2 & 3: 122-001



PART#4 : 122-008



PART#5: 122-010



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

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

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

DWG. NO.: 122-002

SHEET 5 OF 6

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

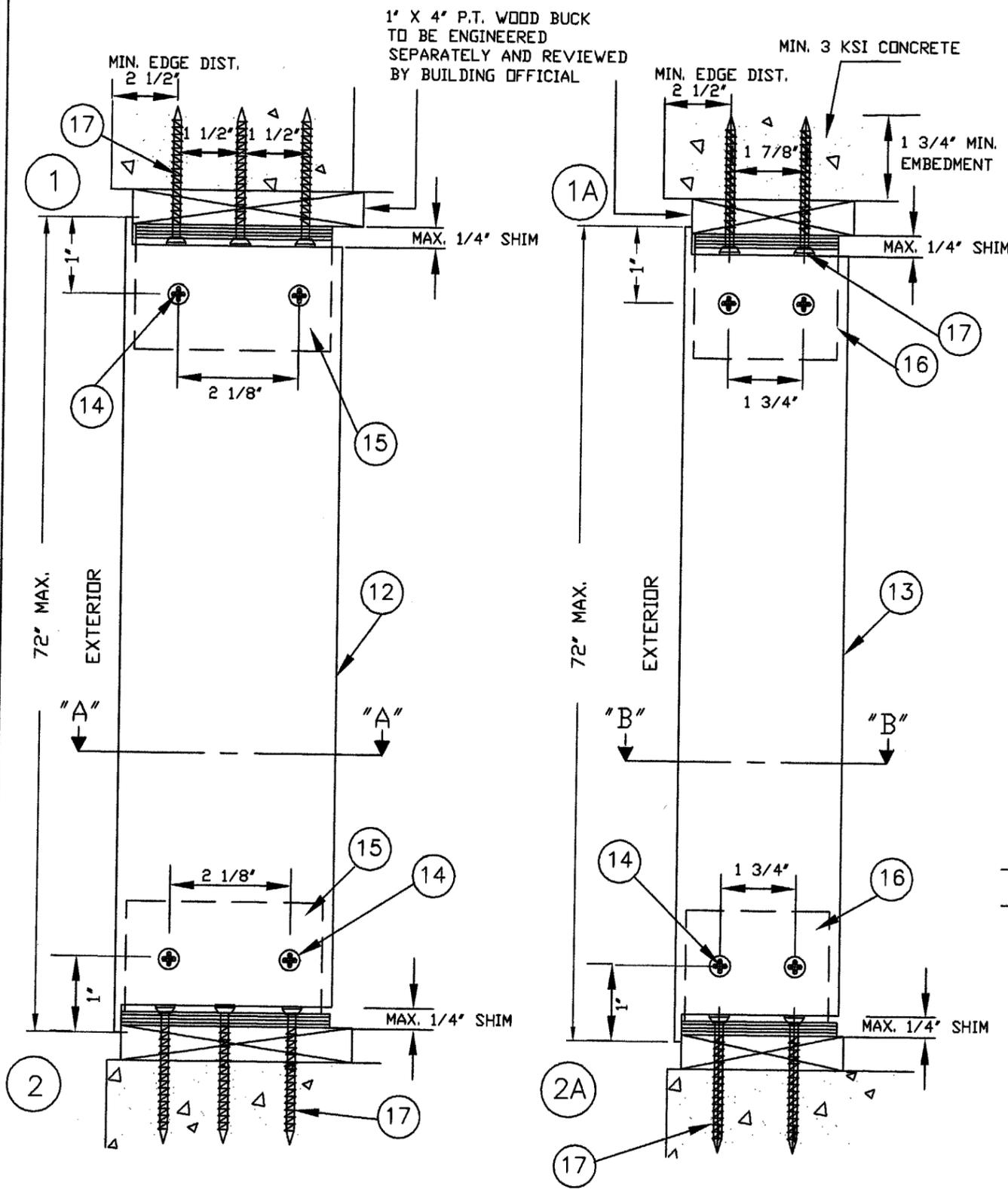
REVISIONS DESCRIPTION

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

[Signature]
 8/4/2003

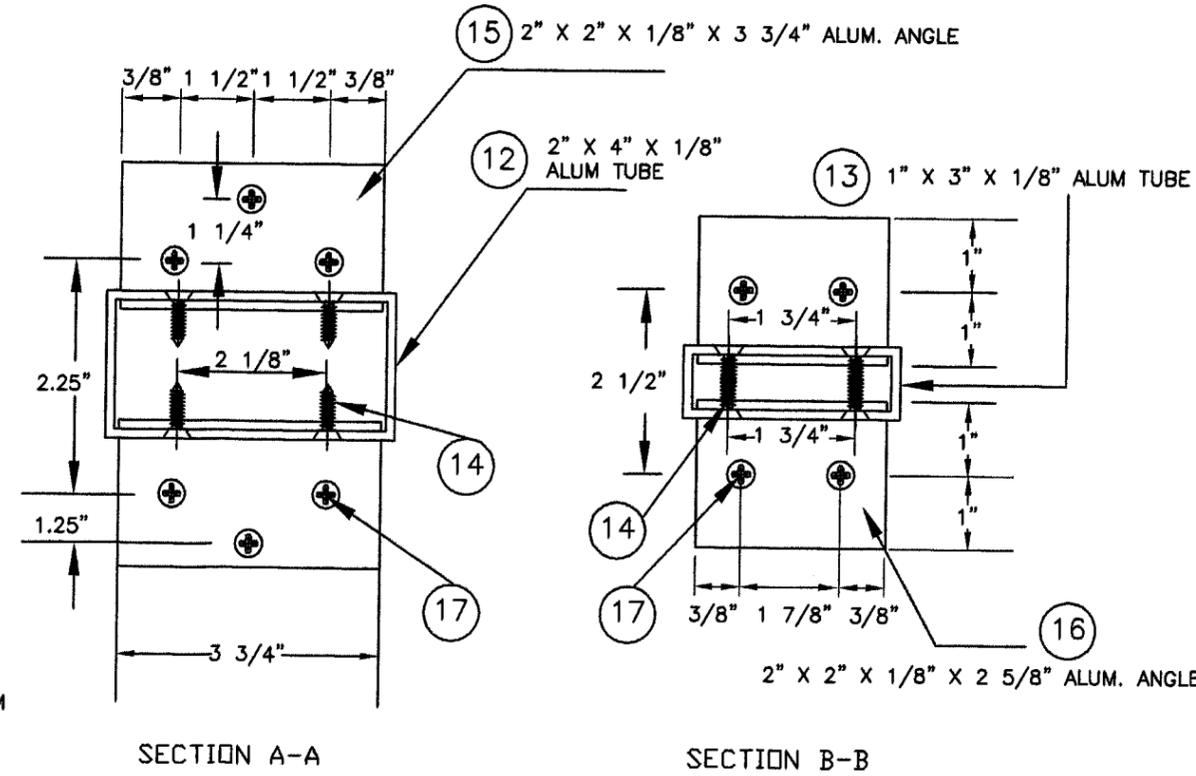
Approved as complying with the
 Florida Building Code
 Date Aug 29, 2003
 NOAH 03-2303-05
 Miami Dade Product Control
 Division
 By J. Chanda

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		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)

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



SECTION A-A

SECTION B-B