



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

DESCRIPTION: Series 122 Aluminum Fixed Window w/ equal & unequal leg frames-LM 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 06-09-04, 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 # 03-0303.04 and consists of this page 1, and evidence page E-1 as well as approval document mentioned above.

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



**NOA No 04-0322.09
Expiration Date: August 29, 2008
Approval Date: July 01, 2004
Page 1**

6/1/04

Miami Wall Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections. **(original in file# 03-0303.04)**
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 06-09-04, signed and sealed by Sifang Zhao, P.E.

B. TESTS (original in file# 03-0303.04)

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 1302.5

Along with marked-up drawings and installation diagram of aluminum single hung mullied unequal leg fixed windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3385 (02039)**, dated May 03 2002 and **3386 (02039)**, dated May 01, 2002, signed and sealed by Luis Antonio Figueredo, P.E.

3. Additional Test report No. **FTL 4092 (04005)** for equal leg fixed window per TAS 201-94, TAS 202-94 and TAS 203-94 issued by Fenestration Testing lab, dated 02-20-2004, signed and sealed by Edmundo Largaespada, P. E.
4. Verification test, Test reports No. **FTL 4225** for equal leg fixed window per TAS 202-94 issued by Fenestration Testing lab, dated 05-06-2004, signed and sealed by Edmundo Largaespada, P. E.
5. Additional supportive 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 (original in file# 03-0303.04)

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

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

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.

G. OTHER

1. This NOA **revises** NOA # **03-0303.04**, expiring August 29, 2008.
2. Additional verification test per TAS 202-94.

Ishaq I. Chanda
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 04-0322.09
Expiration Date: August 29, 2008
Approval Date: July 01, 2004

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

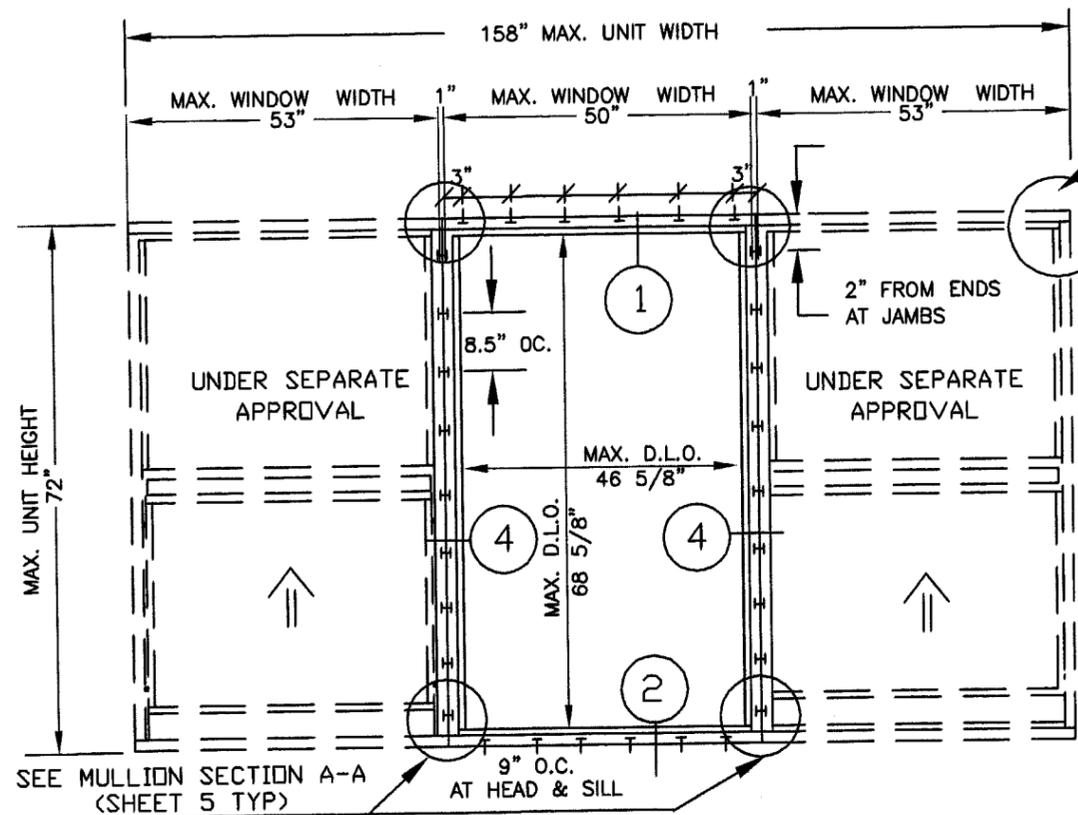
SHEET 1 OF 5

NO.	DATE	DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
2	07/11/03	AS PER DADE COUNTY
3	02/24/04	EQUAL LEG FRAME
4	05/14/04	PER DADE COUNTY

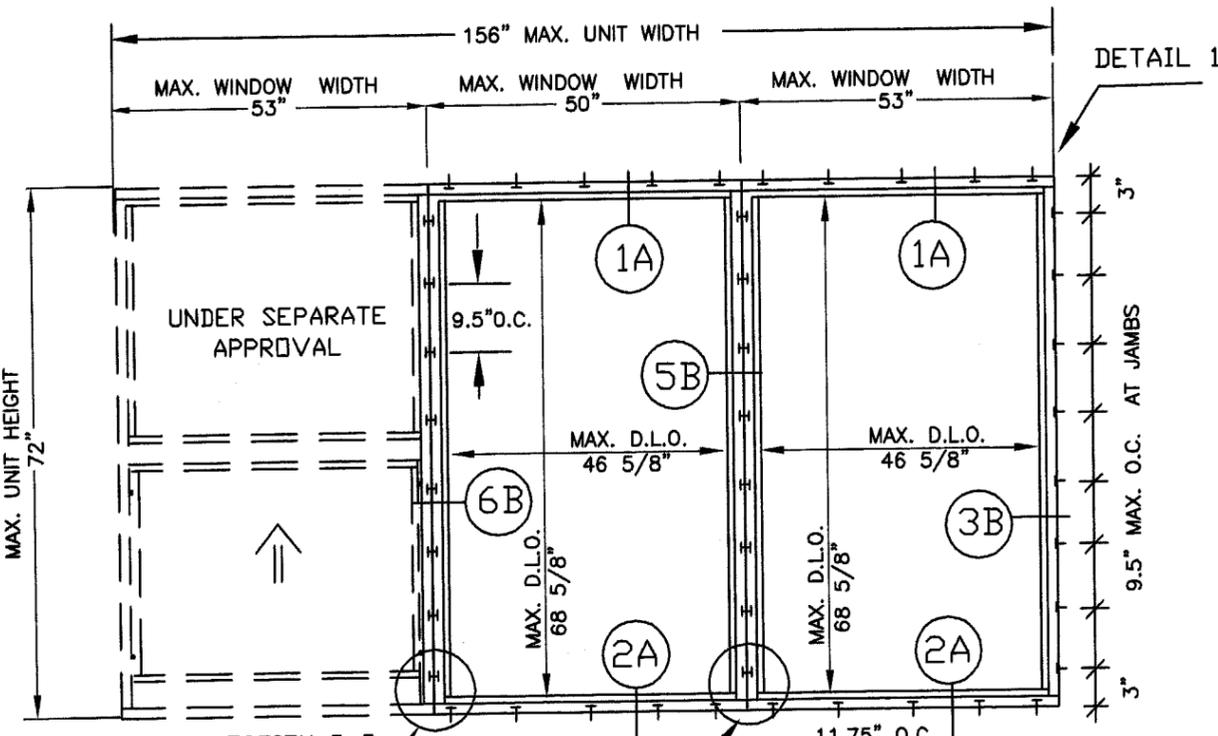
REVISIONS DESCRIPTION

SIFANG ZHAO
 P.E. 50685
 STRUCTURAL ENGINEER

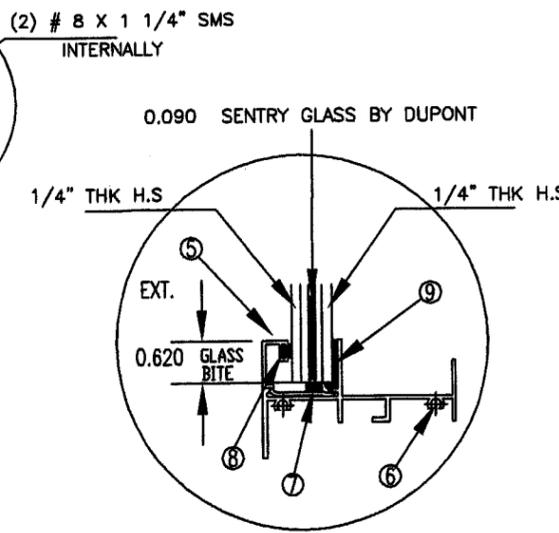
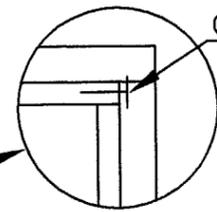
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 6/9/04



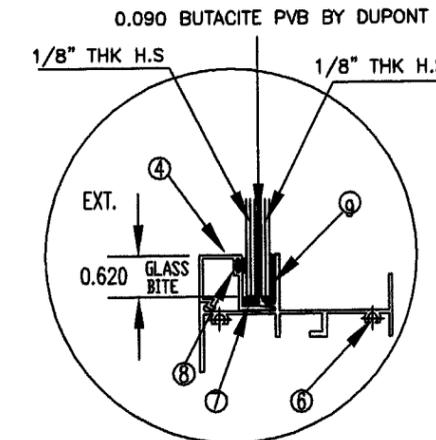
DP: 120.0 PSF (POSITIVE & NEGATIVE), LARGE MISSILE



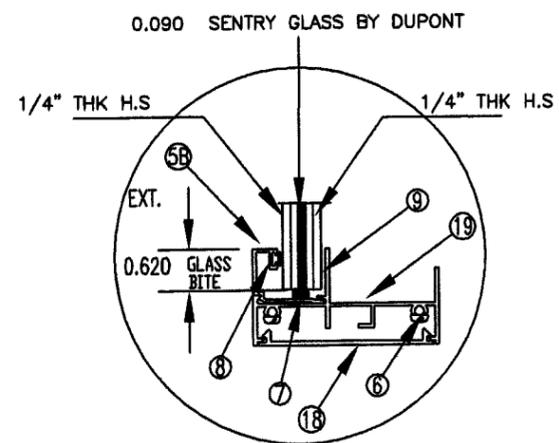
DP: 62.4 PSF (POSITIVE & NEGATIVE), LARGE MISSILE



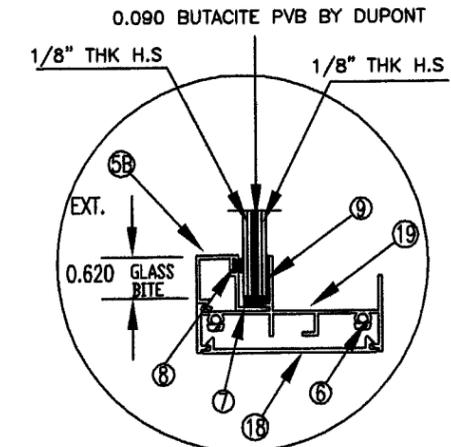
FLANGE FRAME OPTION No. 1 (120 PSF)
 OVERALL 0.534"/HS LAMINATED GLASS



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



EQUAL LEG FRAME OPTION No. 1 (120 PSF)
 OVERALL 0.534"/HS LAMINATED GLASS



EQUAL LEG FRAME 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.
- EQUAL & UNEQUAL LEG FRAME CONDITION INCLUDED.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 04-0322-09
 Expiration Date AUG 29, 2009
 By: Shaq I. Chande
 Miami Dade Product Control
 Division

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

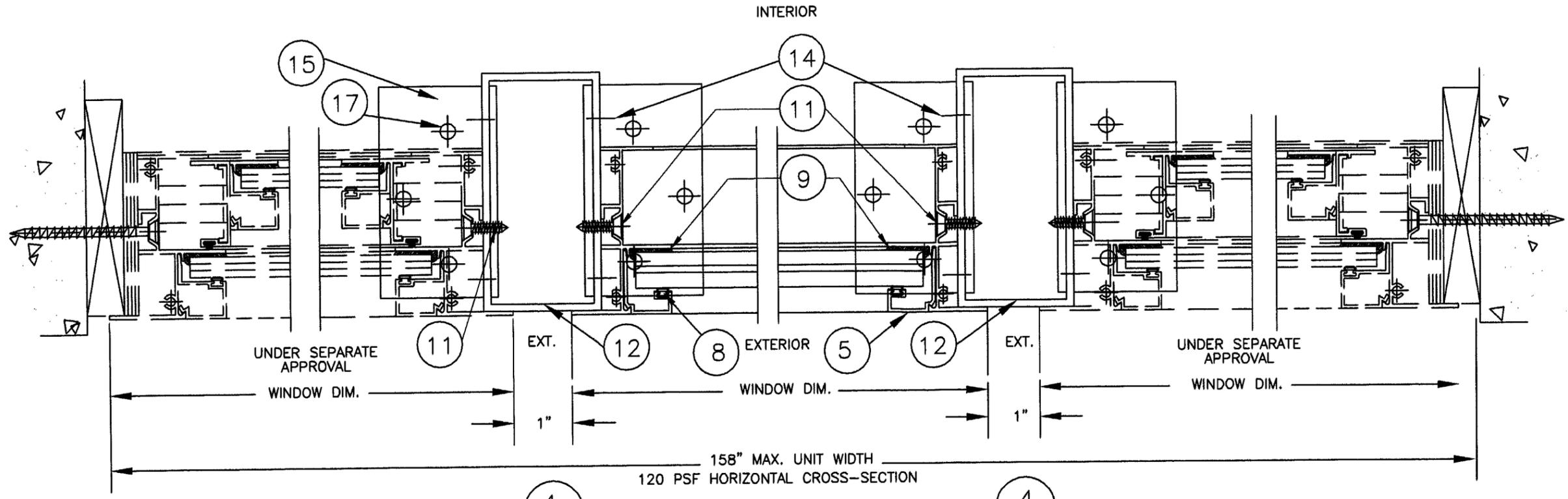
SHEET 3 OF 5

NO.	DATE	DESCRIPTION
1	05/06/03	AS PER DADE COUNTY
2	07/11/03	AS PER DADE COUNTY
3	02/24/04	EQUAL LEG FRAME
4	05/14/04	PER DADE COUNTY

REVISIONS DESCRIPTION

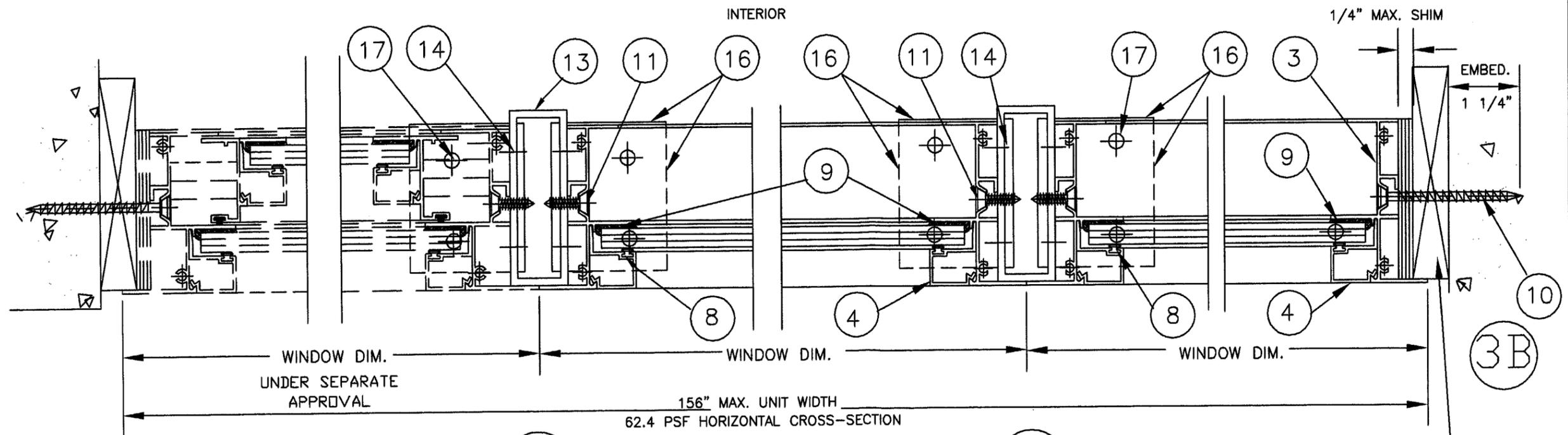
SIFANG ZHAO
 P.E. 50685
 STRUCTURAL ENGINEER

Sifang Zhao



4

4



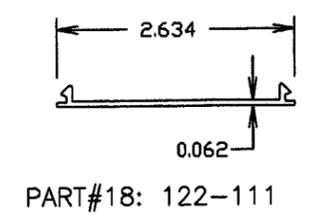
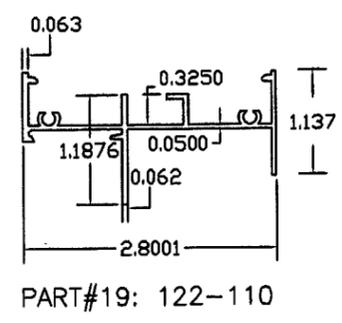
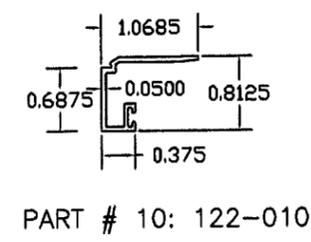
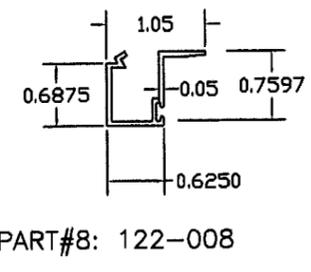
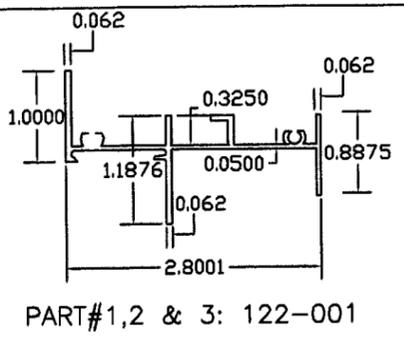
6B

5B

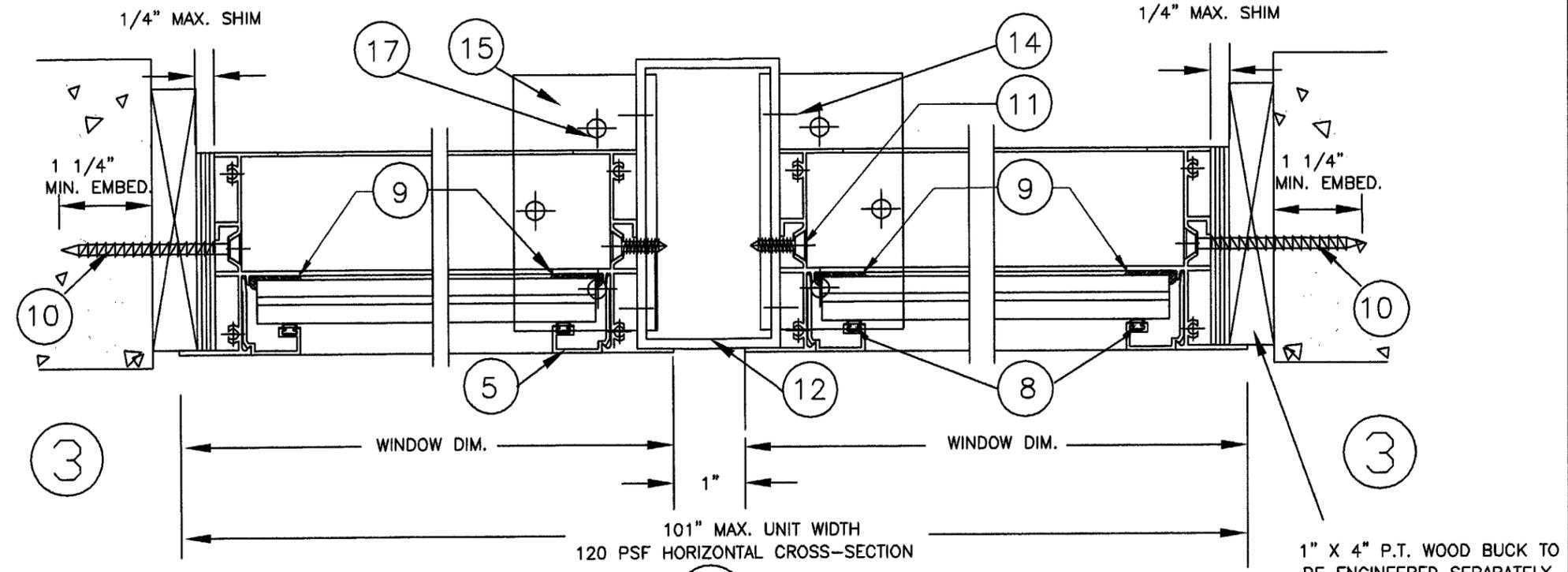
3B

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 04-0322-09
 Expiration Date AUG 29, 2008
 By Ishag I. Chanda
 Miami Dade Product Control
 Division

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

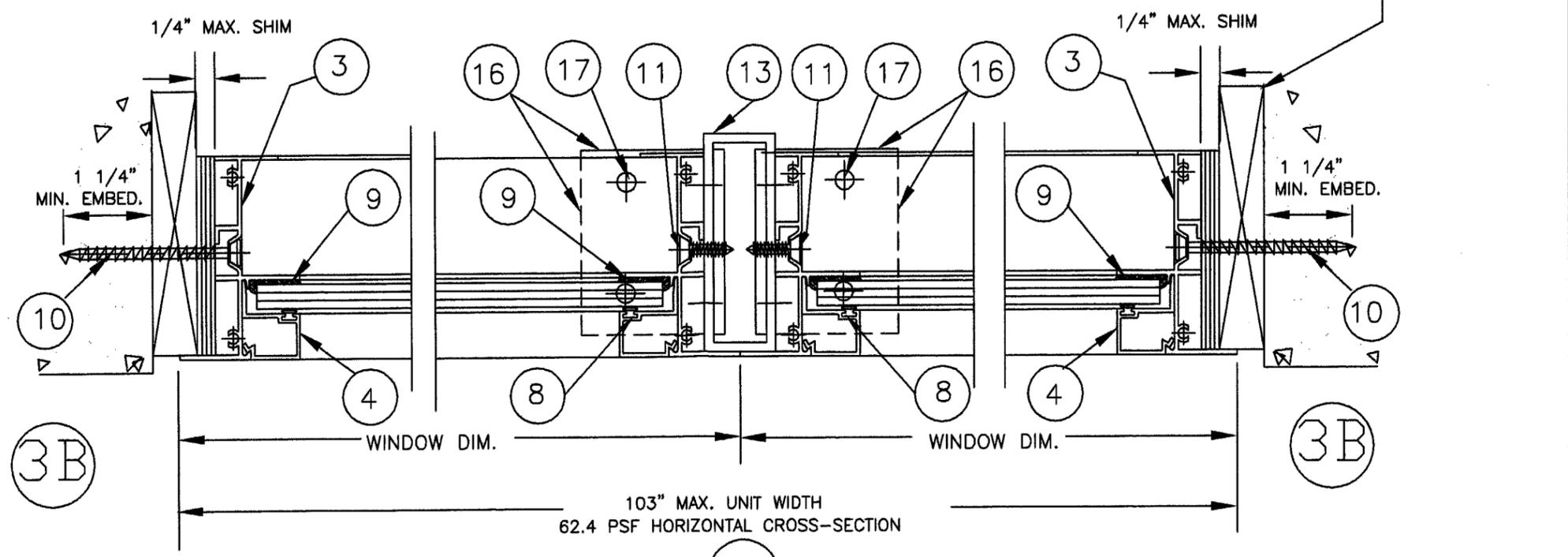


INTERIOR



7

EXTERIOR



5B

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
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2	07/11/03	AS PER DADE COUNTY
3	02/24/04	EQUAL LEG FRAME
4	05/14/04	PER DADE COUNTY

REVISIONS DESCRIPTION

SIFANG ZHAO
P.E. 50685
STRUCTURAL ENGINEER

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 04-0322.09
Expiration Date 06/29/2008
By Ishag I. Chande
Miami Dade Product Control
Division

MIAMI WALL SYSTEMS, INC.
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 DWG. BY: J.C.
 SCALE: N/A

DWG. NO.: 122-001

SHEET 5 OF 5

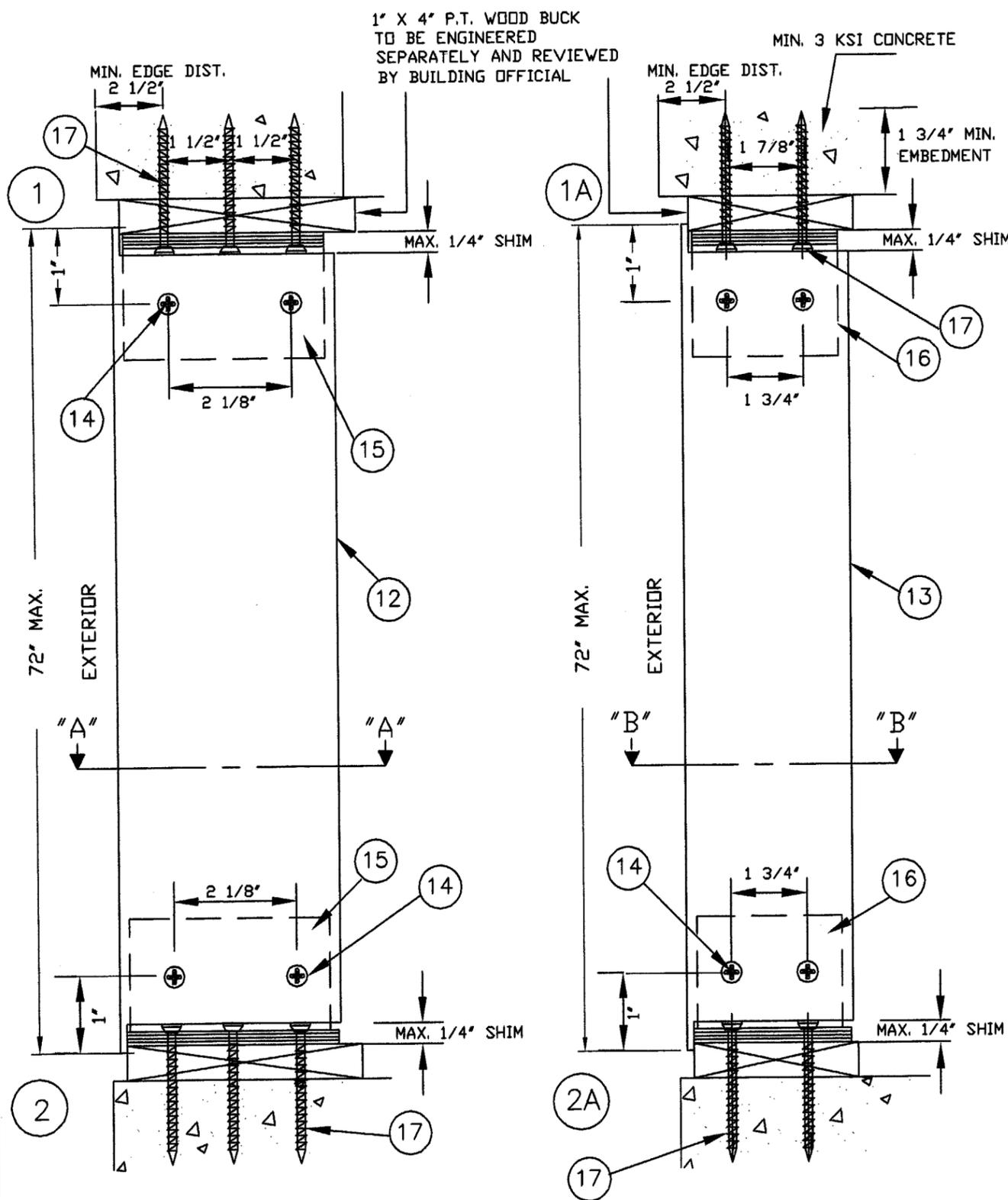
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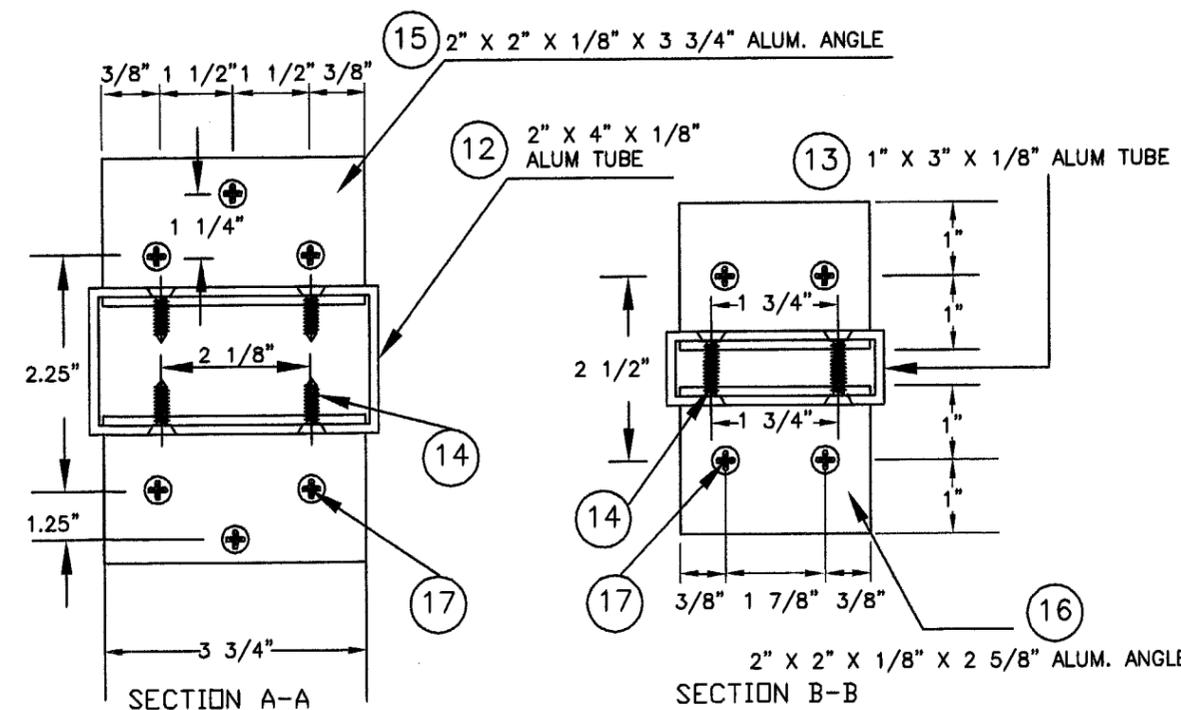


ITEM NO.	PART NO.	REQUIRED	PART NAME	REMARKS
1	122-001	1	HEAD ALUM. 6005-T5	
2	122-001	1	SILL ALUM. 6005 T-5	
3	122-001	2	JAMB ALUM. 6005-T5	
4	122-008	8	GLAZING BEAD ALUM.6005 T-5	5/16" GLASS TK.
5	122-010		GLAZING BEAD ALUM.6005 T-5	9/16" GLASS TK.
5B	122-010B		GLAZING BEAD ALUM.6063 T-6	9/16" GLASS 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	GE 4000, DOW CORNING 995, GE 2800
9			GLAZING SILICONE	
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	
18	122 - 111	4	COVER PLATE AL 6005-T5	USED WITH EQUAL LEG FRAME
19	122 - 110	4	HEAD, JAMB & SILL EQUAL LEG FRAME 6005-T5	



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



PRODUCT REVISED
 as complying with the Florida
 Building Code
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 Expiration Date 11/29/2008
 By Ishay J. Chanda
 Miami Dade Product Control
 Division