



**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)**

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**Miami Wall Systems, Inc.**  
**701 West 25<sup>th</sup> Street**  
**Hialeah, FL 33013**

**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 101 Aluminum Fixed Window Wall System – (1/4" Temp)**

**APPROVAL DOCUMENT:** Drawing No. **MWS-101-N**, titled "Window Wall Series 101", sheets 1 through 6 of 6, prepared by the manufacturer, dated 1/6/03, 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: None**

**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 and replaces** NOA # **01-1108.01** and consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 03-0213.10**  
**Expiration Date: December 2, 2006**  
**Approval Date: March 27, 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. **MWS-101-N**, titled "Window Wall Series 101", sheets 1 through 6 of 6, dated 1/6/03, prepared by the manufacturer.

**B. TESTS**

***Submitted under NOA#01-1108.01***

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 97061**, dated 8/28/97, signed and sealed by Gilbert Diamond, P.E.

**C. CALCULATIONS**

***Submitted under NOA#01-1108.01***

1. Anchor Calculations, dated 11/11/97, prepared by Applied Engineering Concepts, signed and sealed by K.A. Whitfield, P.E.

**D. MATERIAL CERTIFICATIONS**

1. None

**E. STATEMENTS**

1. None

**F. OTHER**

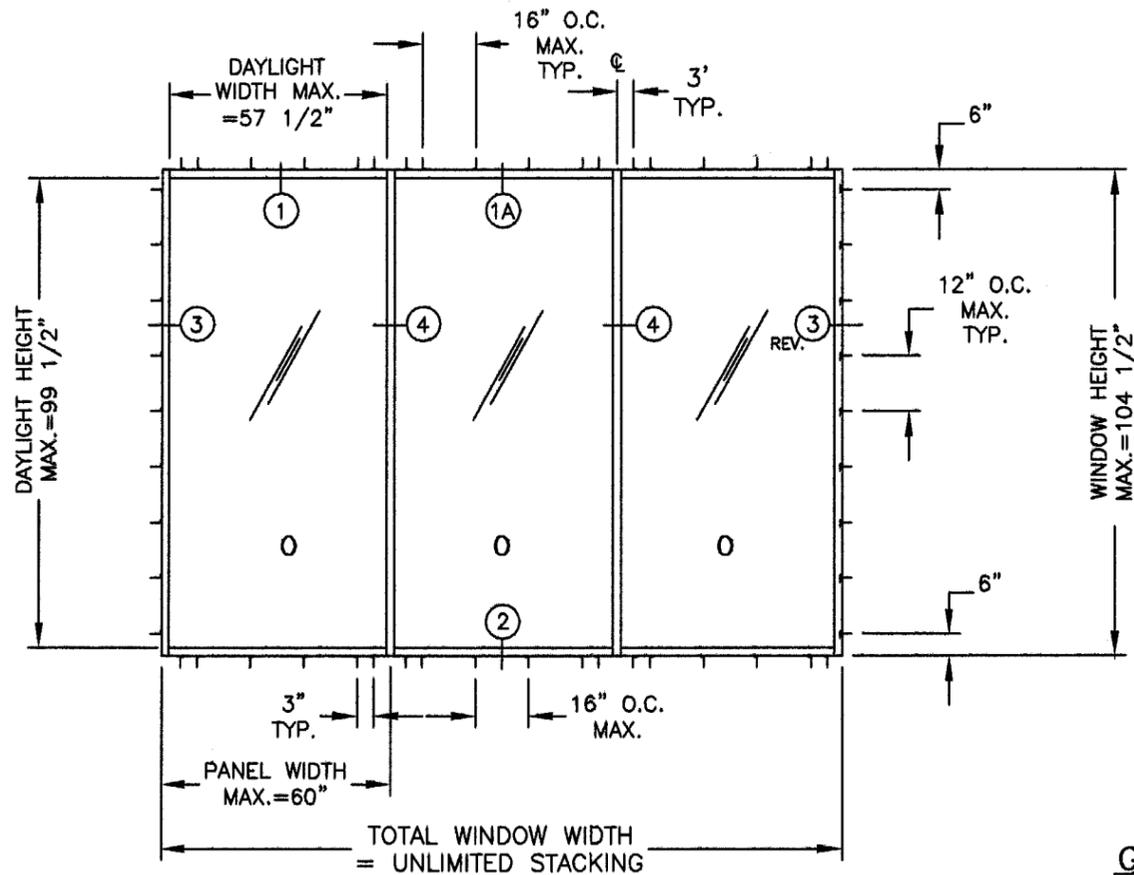
1. Notice of Acceptance No. **01-1108.01** Miami Wall Systems, Inc., for their "Series "101" Fixed Window ¼ Temp", approved on 12/27/01 and expiring on 12/02/06. Note: This NOA was previously issued as Small Missile Impact Resistant (tested with gravel) per the Code change in June 1, 2000 from gravel test to steel balls test, this NOA is being converted from Small Missile to Non-Impact.



Manuel Perez, P.E.  
Product Control Examiner  
NOA No 03-0213.10

Expiration Date: December 2, 2006

Approval Date: March 27, 2003



**TYPICAL ELEVATION**

- GENERAL NOTES:**
- (1) FRAME HEAD AND SILL USE SAME FASTENER SPACING.
  - (2) MAX. PANEL SIZE: 60 7/8"x103 1/8"

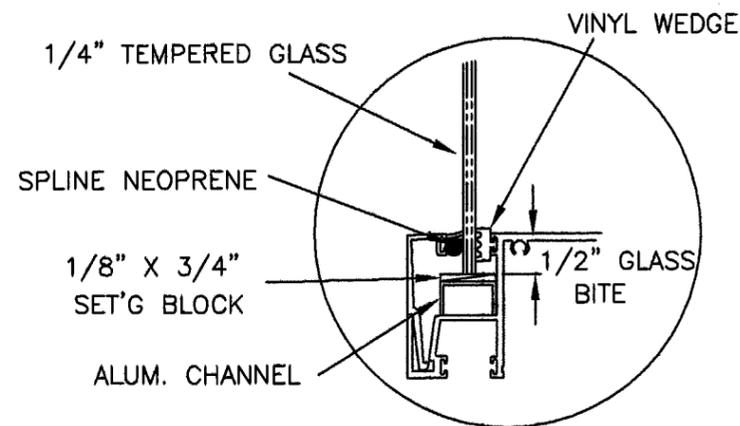
PANEL SIZE INCHES	DESIGN PRESSURE PSF		NO. OF ANCHOR SCREWS IN FRAME	
	WIDTH/HEIGHT	EXTERIOR	INTERIOR	HEAD & SILL
<b>TEST REPORT#1785. NO REINFORCEMENT</b>				
36 x 79 1/8	60.0	60.0	4	6
48 x 79 1/8	60.0	60.0	4	6
60 x 79 1/8	60.0	60.0	4	6
36 x 95 1/8	60.0	60.0	4	8
48 x 95 1/8	60.0	60.0	4	8
60 x 95 1/8	60.0	60.0	4	8
36 x 103 1/8	60.0	60.0	4	9
48 x 103 1/8	60.0	60.0	4	9
50 x 103 1/8	60.0	60.0	4	9
<b>TEST REPORT#1784. LIGHT REINFORCEMENT</b>				
36 x 79 1/8	100.0	100.0	4	6
48 x 79 1/8	100.0	100.0	4	6
60 x 79 1/8	100.0	100.0	4	6
36 x 95 1/8	100.0	100.0	4	8
48 x 95 1/8	100.0	100.0	4	8
60 x 95 1/8	100.0	100.0	4	8
36 x 103 1/8	100.0	100.0	4	9
48 x 103 1/8	100.0	100.0	4	9
50 x 103 1/8	100.0	100.0	4	9
<b>TEST REPORT#1779. HEAVY REINFORCEMENT</b>				
36 x 79 1/8	110.0	110.0	4	6
48 x 79 1/8	110.0	110.0	4	6
60 x 79 1/8	110.0	110.0	4	6
36 x 95 1/8	110.0	110.0	4	8
48 x 95 1/8	110.0	110.0	4	8
60 x 95 1/8	110.0	110.0	4	8
36 x 103 1/8	110.0	110.0	4	9
48 x 103 1/8	110.0	110.0	4	9
50 x 103 1/8	110.0	110.0	4	9

**MIAMI WALL SYSTEMS, INC.**

SERIES 101  
 ALUMINUM WINDOW WALL SYSTEM  
 BASE ON FTL #'S:1779 FOR 110 PSF; 1784 FOR 100 PSF & 1785 FOR 60 PSF  
 POSITIVE & NEGATIVE DESIGN PRESSURE  
 W.T.P.: 20 PSF  
 GLASS: 1/4" TEMPERED. NON IMPACT SYSTEM

DWG.No.	DESIGNATION	REINFORCEMENT	LOCATION
SHEET 2 OF 6	NO REINFORCEMENT	NONE	NONE
SHEET 3 OF 6	LIGHT REINFORCEMENT	1/4" STEEL BAR *	VERT. MULL
SHEET 4 OF 6	HEAVY REINFORCEMENT	(2) 1/2x2 1/2" STEEL BAR* (1) 3/4x1 1/2"x1/8' ALUM. CHANNEL*	VERT. MULL

\*NOTE: ALL REINFORCEMENTS MEMBERS ARE FULL LENGTH(BAR, TUBE, OR CHANNEL)



**GLAZING DETAIL**  
1/4" TEMPERED GLASS

Approved as complying with the Florida Building Code  
 Date **MARCH 27, 2003**  
 NOA# **03-0213-10**  
 Miami Dade Product Control  
 Division  
 By *[Signature]*

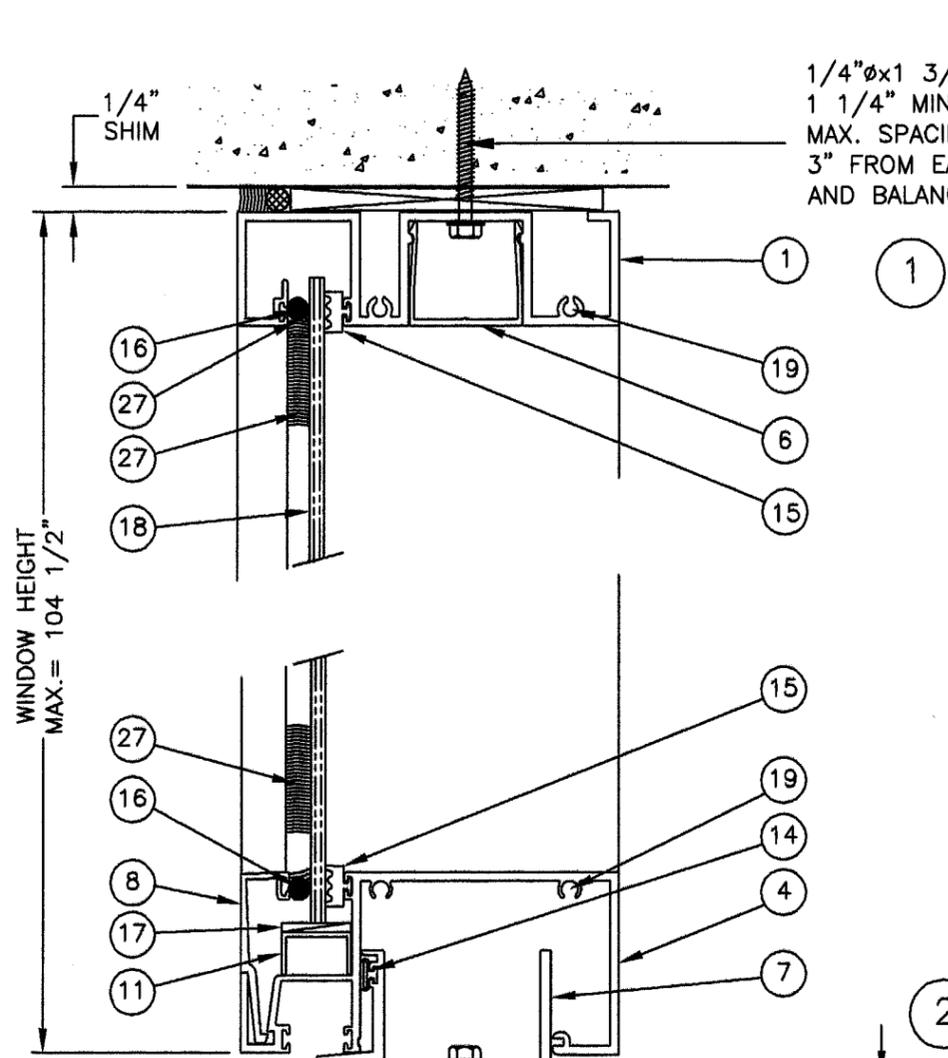
**Miami Wall Systems, Inc.**  
 701 West 25th street  
 Hialeah, Florida. 33010  
 Phone:(305) 888-2300 Fax:(305) 888-3058

WINDOW WALL SERIES 101  
 WALL ELEVATION  
 REINFORCEMENT SUMMARY  
 GENERAL NOTES

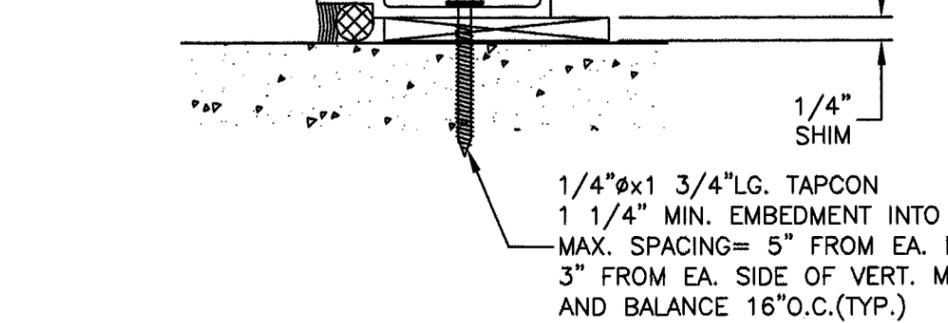
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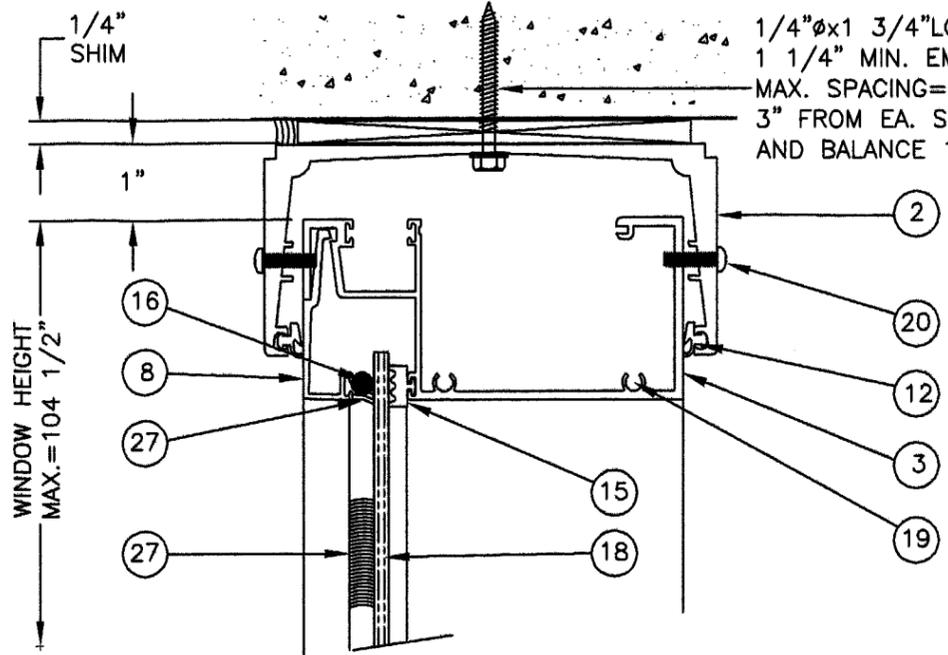
drawing no.  
**MWS-101-N**  
 sheet 1 of 6



1/4"Øx1 3/4"LG. TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING= 5" FROM EA. END AND  
 3" FROM EA. SIDE OF VERT. MULL  
 AND BALANCE 16"O.C. (TYP.)

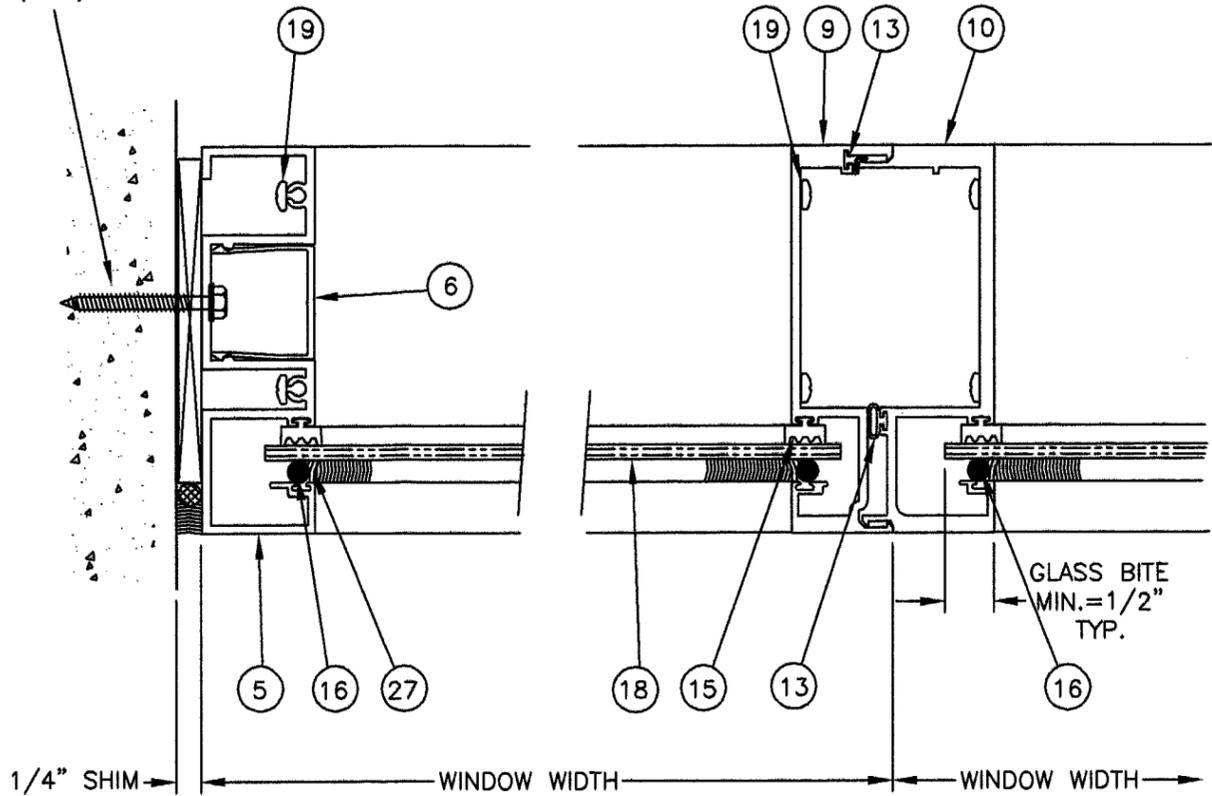


1/4"Øx1 3/4"LG. TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING= 5" FROM EA. END AND  
 3" FROM EA. SIDE OF VERT. MULL  
 AND BALANCE 16"O.C.(TYP.)



1/4"Øx1 3/4"LG. TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING= 5" FROM EA. END AND  
 3" FROM EA. SIDE OF VERT. MULL  
 AND BALANCE 16"O.C. (TYP.)

1/4"Øx1 3/4"LG TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING=6" FROM ENDS AND  
 12" O.C. (TYP.)



TEST #	DESIGNATION	D.P.(PSF)	W.T.P.
FTL# 1785	NO REINFORCEMENT	+60.0 -60.0	20.0 PSF

Approved as complying with the  
 Florida Building Code  
 Date MARCH 27, 2003  
 NOA# 03-0213.10  
 Miami Dade Product Control  
 Division  
 By *[Signature]*

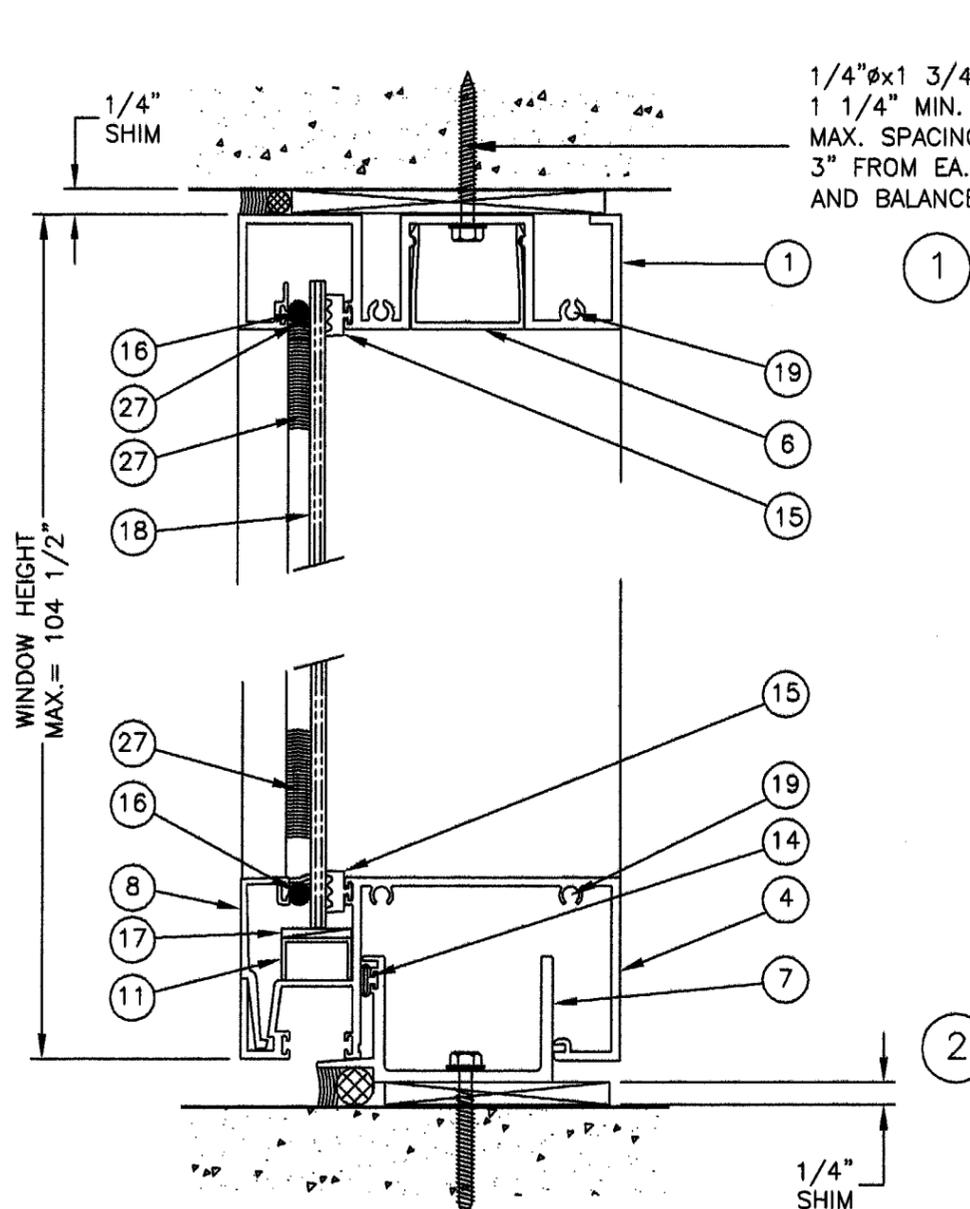
**Miami Wall Systems, Inc.**  
 701 West 25th street  
 Hialeah, Florida. 33010  
 Phone:(305) 888-2300 Fax:(305) 888-3058

WINDOW WALL SERIES 101  
 STANDARD INSTALLATION  
 DETAILS  
 NO REINFORCEMENT

revisions:

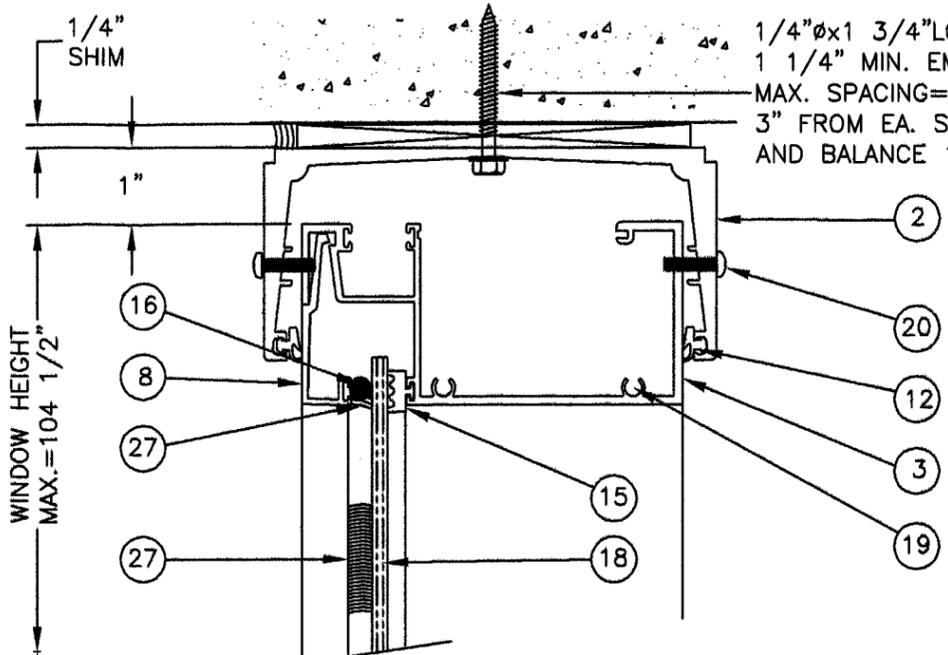
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 design by: L.G.  
 drawn by: L.G.  
 checked by: P.V.  
 drawing no.  
 MWS-101-N  
 sheet 2 of 6



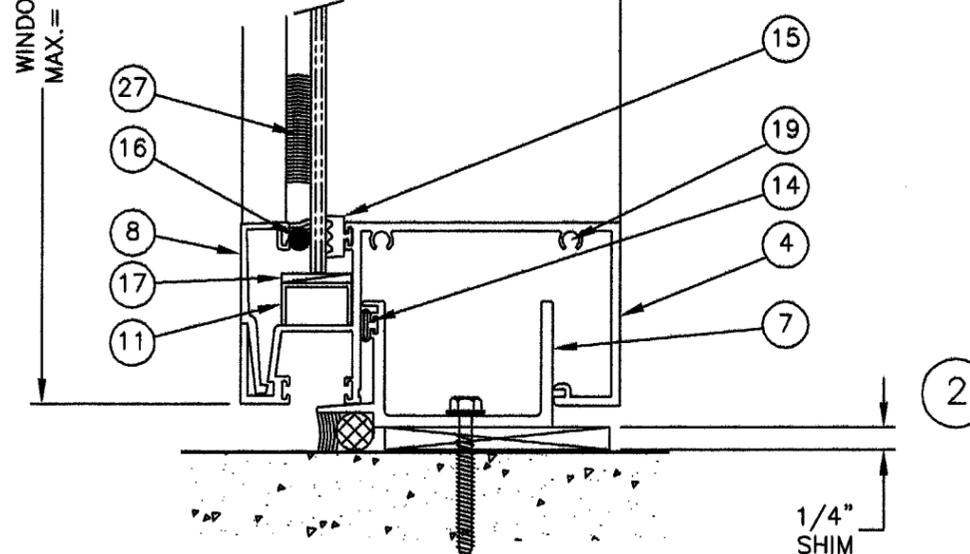
1/4"Øx1 3/4"LG. TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING= 5" FROM EA. END AND  
 3" FROM EA. SIDE OF VERT. MULL  
 AND BALANCE 16"O.C. (TYP.)

1



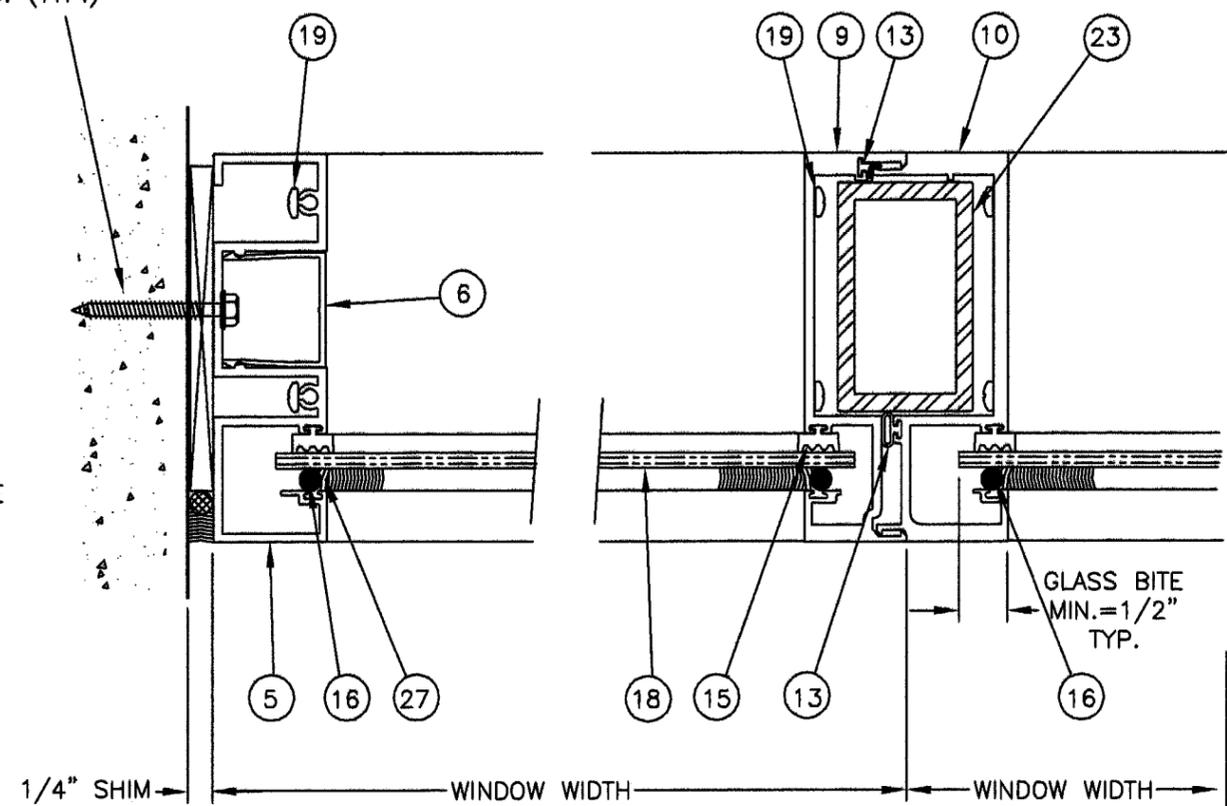
1/4"Øx1 3/4"LG. TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING= 5" FROM EA. END AND  
 3" FROM EA. SIDE OF VERT. MULL  
 AND BALANCE 16"O.C. (TYP.)

1A



1/4"Øx1 3/4"LG TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING=6" FROM ENDS AND  
 12" O.C. (TYP.)

2



3

4

TEST #	DESIGNATION	D.P.(PSF)	W.T.P.
FTL# 1784	LIGHT REINFORCEMENT	+100.0 -100.0	20.0 PSF

Approved as complying with the  
 Florida Building Code  
 Date MARCH 27, 2003  
 NOA# 03-0213-10  
 Miami Dade Product Control  
 Division  
 By Manuel Perez

**Miami Wall Systems, Inc.**  
 701 West 25th street  
 Hialeah, Florida. 33010  
 Phone:(305) 888-2300 Fax:(305) 888-3058

WINDOW WALL SERIES 101  
 STANDARD INSTALLATION  
 DETAILS  
 LIGHT REINFORCEMENT

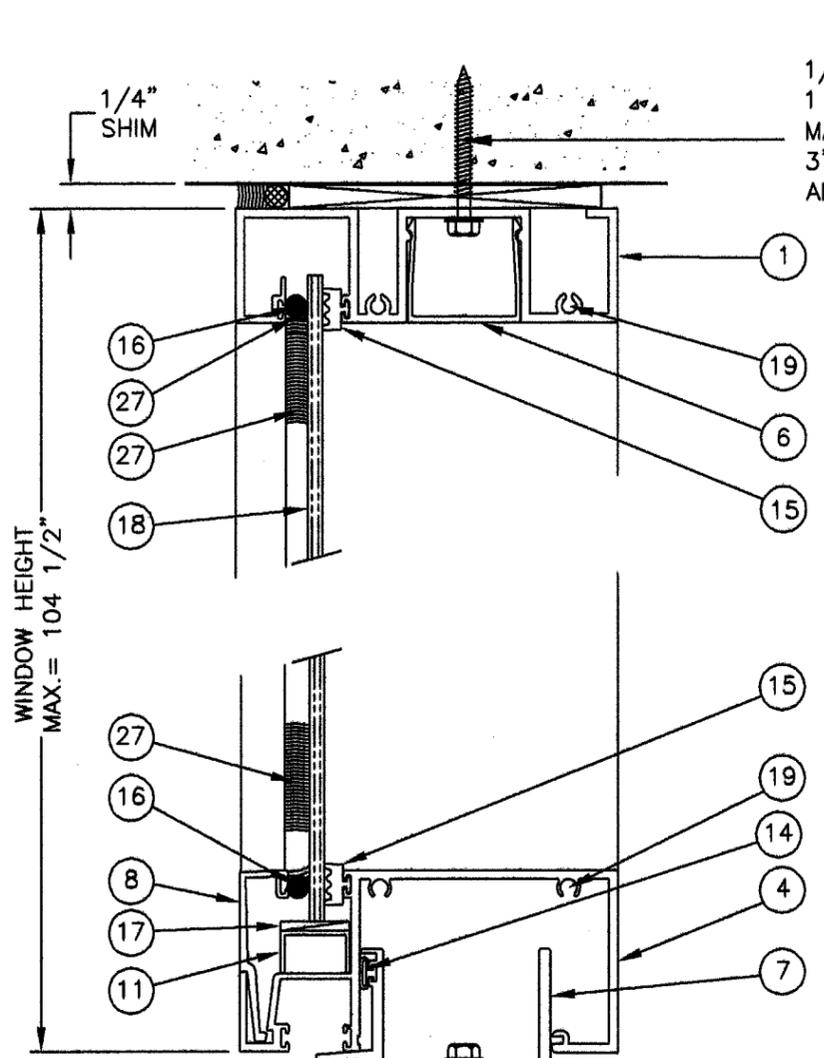
revisions:

no	date	description

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 design by: L.G.  
 drawn by: L.G.  
 checked by: P.V.

drawing no.  
 MWS-101-N

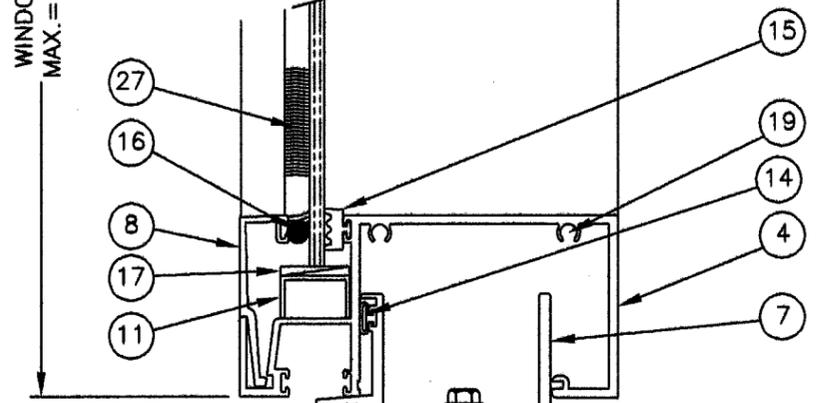
sheet 3 of 6



1/4"Øx1 3/4"LG. TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING= 5" FROM EA. END AND  
 3" FROM EA. SIDE OF VERT. MULL  
 AND BALANCE 16"O.C. (TYP.)

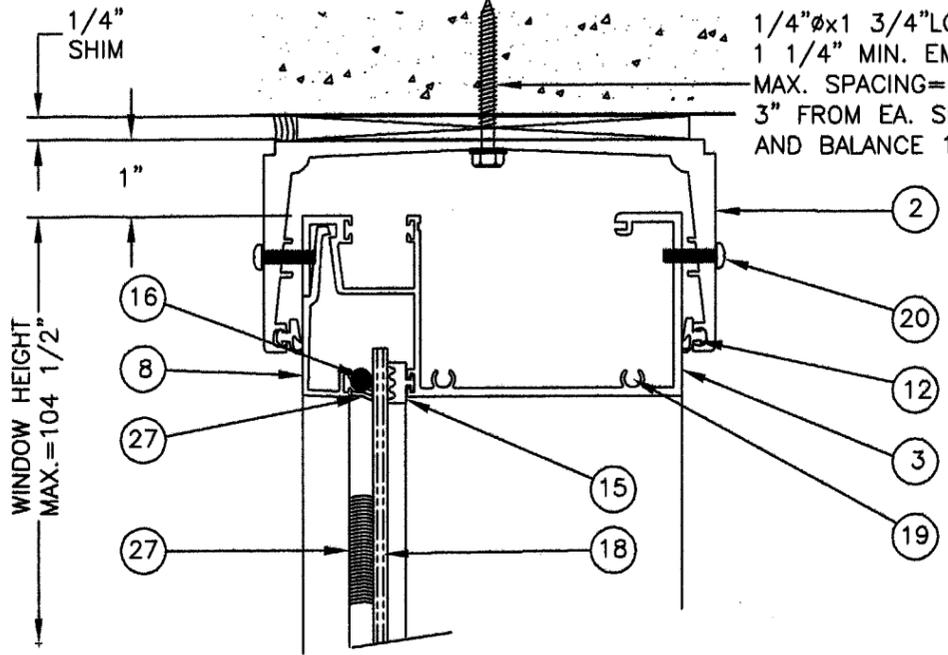
1

WINDOW HEIGHT  
 MAX.= 104 1/2"



1/4"Øx1 3/4"LG. TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING= 5" FROM EA. END AND  
 3" FROM EA. SIDE OF VERT. MULL  
 AND BALANCE 16"O.C.(TYP.)

2

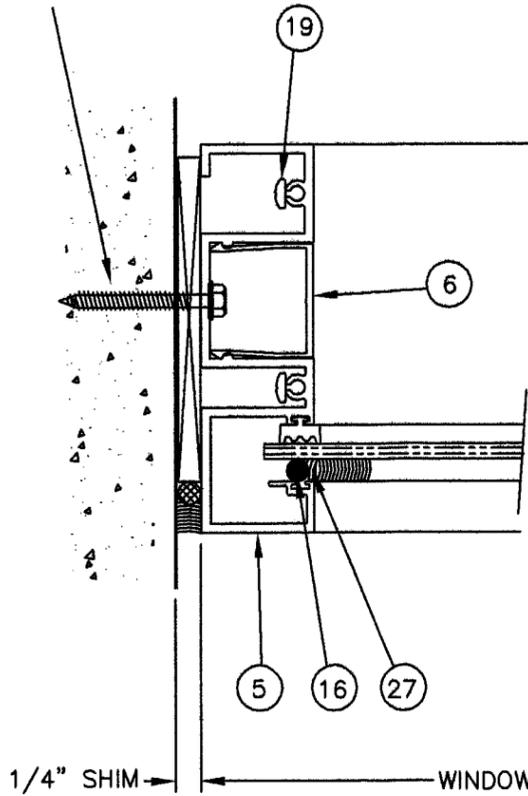


1/4"Øx1 3/4"LG. TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING= 5" FROM EA. END AND  
 3" FROM EA. SIDE OF VERT. MULL  
 AND BALANCE 16"O.C. (TYP.)

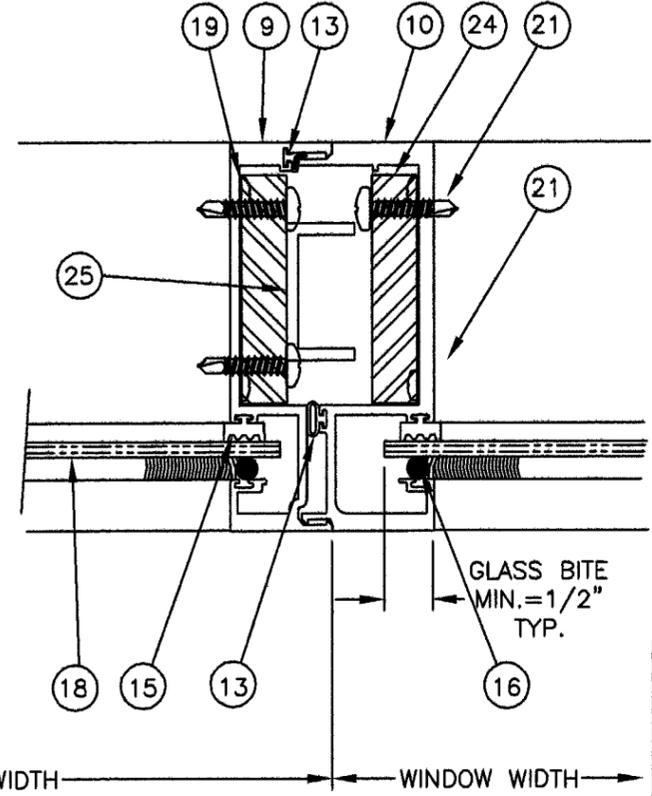
1A

WINDOW HEIGHT  
 MAX.= 104 1/2"

1/4"Øx1 3/4"LG TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING=6" FROM ENDS AND  
 12" O.C. (TYP.)



3



4

GLASS BITE  
 MIN.=1/2"  
 TYP.

TEST #	DESIGNATION	D.P.(PSF)	W.T.P.
FTL# 1779	HEAVY REINFORCEMENT	+110.0 -110.0	20.0 PSF

Approved as complying with the  
 Florida Building Code  
 Date MARCH 27, 2003  
 NOA# 03-0213.10  
 Miami Dade Product Control  
 Division  
 By Marcus Perez

**Miami Wall Systems, Inc.**  
 701 West 25th street  
 Hialeah, Florida. 33010  
 Phone:(305) 888-2300 Fax:(305) 888-3058

WINDOW WALL SERIES 101  
 STANDARD INSTALLATION  
 DETAILS  
 HEAVY REINFORCEMENT

revisions:

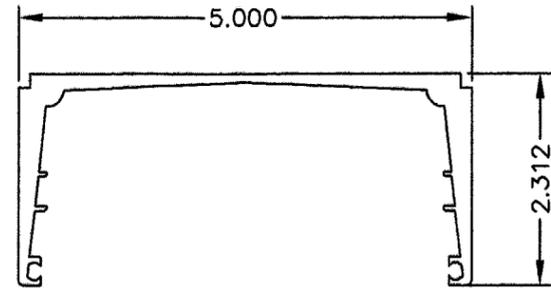
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 design by: L.C.  
 drawn by: L.S.  
 checked by: P.V.

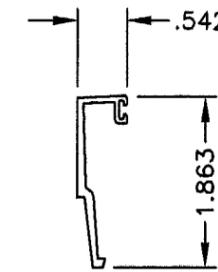
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 MWS-101-N

sheet 4 of 6

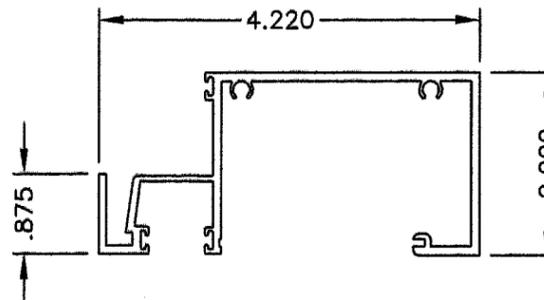
ITEM NO.	PART NO.	REQ'D	PART NAME	REMARKS
1	101-006	1	FRAME HEAD	FRAME
2	100-010	1	FRAME HEAD RECEPTOR	FRAME
3	101-001	1	FRAME HEAD (ALTERNATE)	FRAME
4	101-001	1	FRAME SILL	FRAME
5	101-006	1	FRAME JAMB	FRAME
6	101-007	FULL DIM.	FRAME JAMB COVER	FRAME
7	101-011	FULL WIDTH	WATER BAR	FRAME/SILL
8	101-002	FULL WIDTH	GLAZING BEAD	FRAME/SILL
9	101-005	1	VERT. MULLION, FEMALE	FRAME
10	101-004	1	VERT. MULLION, MALE	FRAME
11		2 PER PN'L	ALUM. CHN'L .125x7/16x3/4x4 LG.	SILL AT 1/4 POINT
12	G-117	DB'L ROW	VINYL BULB, PROTOTYPE VINYL	HEAD RECEPTOR
13	G-119-A	SNG'L ROW	VINYL BULB, PROTOTYPE VINYL	VERT. MULL
14	G-125	SNG'L ROW	VINYL BULB, D.S. BROWN	WATER BAR
15	4-2626	SNG'L ROW	VINYL WEDGE, D.S. BROWN	FRAME
16	.240" DIA.	SNG'L ROW	SPLINE, NEOPRENE	FRAME
17		2 PER PN'L	SET'G BLOCK, 1/8,x3/4x4 LG.	SILL AT 1/4 POINT
			REED RUBBER	
18		1	1/4" TEMPERED GLASS	
19		8	#10X1" PH SMS SS	PANEL ASSY. SCREWS
20		4 PER MULL	#14x1" PH SMS	HD RECT'R (2)EA. EXT. & INT.
21		4 PER BAR	#14x1" PH SMS	ST'L BAR/VERT. MULL
22				
23		1 PER MULL	1 1/2x2 1/2x3/16" ST'L TUBE	VERT. MULL, LIGHT RINF'T.
24		2 PER MULL	1/2"x2 1/2" ST'L BAR	VERT. MULL, HEAVY RINF'T.
25		1 PER MULL	3/4x1 1/2x3/4x1/8 ALUM. CHANEL	VERT. MULL, HEAVY RINF'T.
26				
27	GE 4000	AS REQ'D	SILICONE SEALANT	GLAZING, FRAME CORNERS
28				



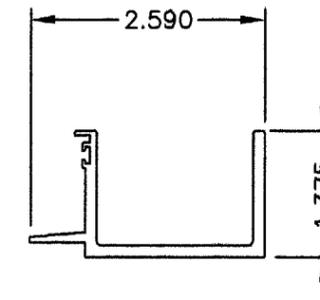
**HEAD RECEPTOR DIE# 100-010**  
MATERIAL: ALUMINUM  
ALLOY: 6005-T5  
TYPICAL WALL: .100"-.188"



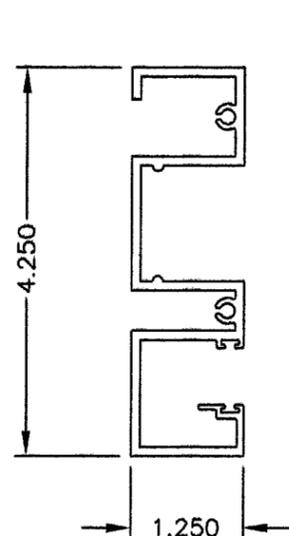
**GLAZING BEAD DIE #101-002**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .062



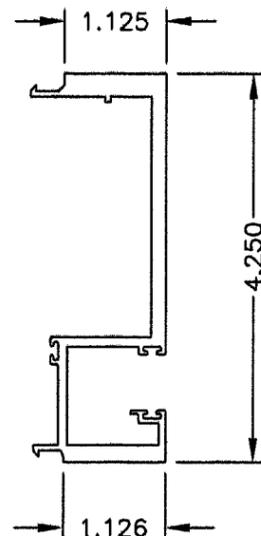
**FRAME SILL DIE# 100-010**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .094"



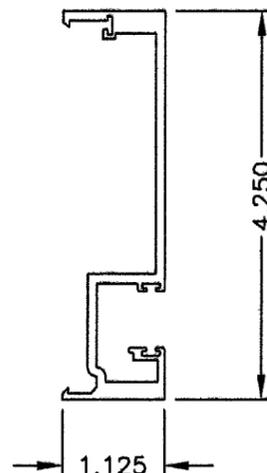
**WATER BAR DIE #101-010**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .125"



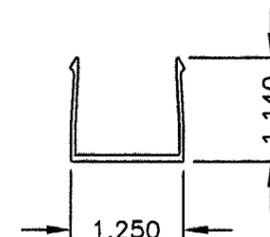
**FRAME JAMB DIE# 100-010**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .100"



**MALE VERT. MULLION DIE# 100-004**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .100"



**FEMALE VERT. MULLION DIE# 100-005**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .100"



**GLAZING BEAD DIE# 100-007**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .050"

**Miami Wall Systems, Inc.**  
701 West 25th street  
Hialeah, Florida. 33010  
Phone: (305) 888-2300 Fax: (305) 888-3058



WINDOW WALL SERIES 101

BILL OF MATERIAL  
EXTRUSION SUMMARY

revisions:	no	date	by	description

date:	scale:	design:	drawn:	checked:
1/6/03	HALF	by: L.G.	by: L.G.	by: P.V.

Approved as complying with the  
Florida Building Code  
Date MARCH 27, 2003  
NOA# 03-0213.10  
Miami Dade Product Control  
Division  
By Manuel Perez

drawing no.  
MWS-101-N  
sheet 5 of 6

ASSY. SCREW  
ITEM #19

FRAME TOP CORNER

#14x1" PH SMS  
ITEM #21

REINFORM'T BAR  
ITEM #24

ASSY. SCREW  
ITEM #19

#14x1" PH SMS  
ITEM #21

FRAME BOTTOM CORNER

FRAME TOP CORNER

SHOP APPLIED SEALANT  
THE INSIDE PERIMETER OF  
JAMB DURING ASSEMBLY

ASSY. SCREW  
ITEM #19

ASSY. SCREW  
ITEM #19

SHOP APPLIED SEALANT  
THE INSIDE PERIMETER OF  
JAMB DURING ASSEMBLY

FRAME BOTTOM CORNER

Approved as complying with the  
Florida Building Code  
Date MARCH 27, 2003  
NOA# 03-0213.10  
Miami Dade Product Control  
Division  
By Manuel Perez

Miami Wall Systems, Inc.  
701 West 25th street  
Hialeah, Florida. 33010  
Phone:(305) 888-2300 Fax:(305) 888-3058



WINDOW WALL SERIES 101

CORNER DETAIL

no	date	description

date: 1/6/03	scale: HLF	design by: L.G.	drawn by: L.G.	checked by: P.V.
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drawing no.  
MWS-101-N

sheet 6 of 6