



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Miami Wall Systems, Inc.**  
**701 West 25 Street**  
**Hialeah ,FL 33010**

Your application for Notice of Acceptance (NOA) of:

**101 Series Fixed Window 1/4 Temp**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Raul Rodriguez  
Chief Product Control Division

**ACCEPTANCE NO.: 01-1108.01**  
**EXPIRES: 12/02/2006**

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
CONDITIONS  
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 12/27/2001**



APPROVED: December 27, 2001

EXPIRES: December 2, 2006

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

1.1 This **renews** Notice of Acceptance (NOA) No. **97-1027.04**, which was issued on December 3, 1998. It renews the approval of an aluminum fixed window wall system, as described in Section 2 of this NOA, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

2.1 The **Series "101" Aluminum Fixed Window Wall System – Small Missile Impact Resistant** and its components shall be constructed in strict compliance with the following document: Drawing No **MWS-101**, Sheets 1 through 6 of 6, titled "Window Wall Series 101," prepared by manufacturer, dated 11/3/98, bearing the Miami-Dade County Product Control renewal stamp with the NOA number and expiration date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

3.1 This approval applies to multiple unit applications of an aluminum storefront system, limited only to the maximum height (span), mullion spacing and for the Design Pressure Rating corresponding to each one of the reinforcement options, as shown approved drawings.

**4. INSTALLATION:**

4.1 The aluminum storefront system and its components shall be installed in strict compliance with the approved drawings.

4.2 Hurricane protection system (shutters): The installation of this unit up to 30 feet above grade, **will require** a hurricane protection system, but for installations above 30 feet above grade **will not require** a hurricane protection system.

**5. LABELING**

5.1 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".

**6. BUILDING PERMIT REQUIREMENTS**

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance

6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

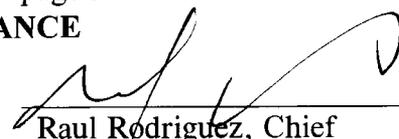


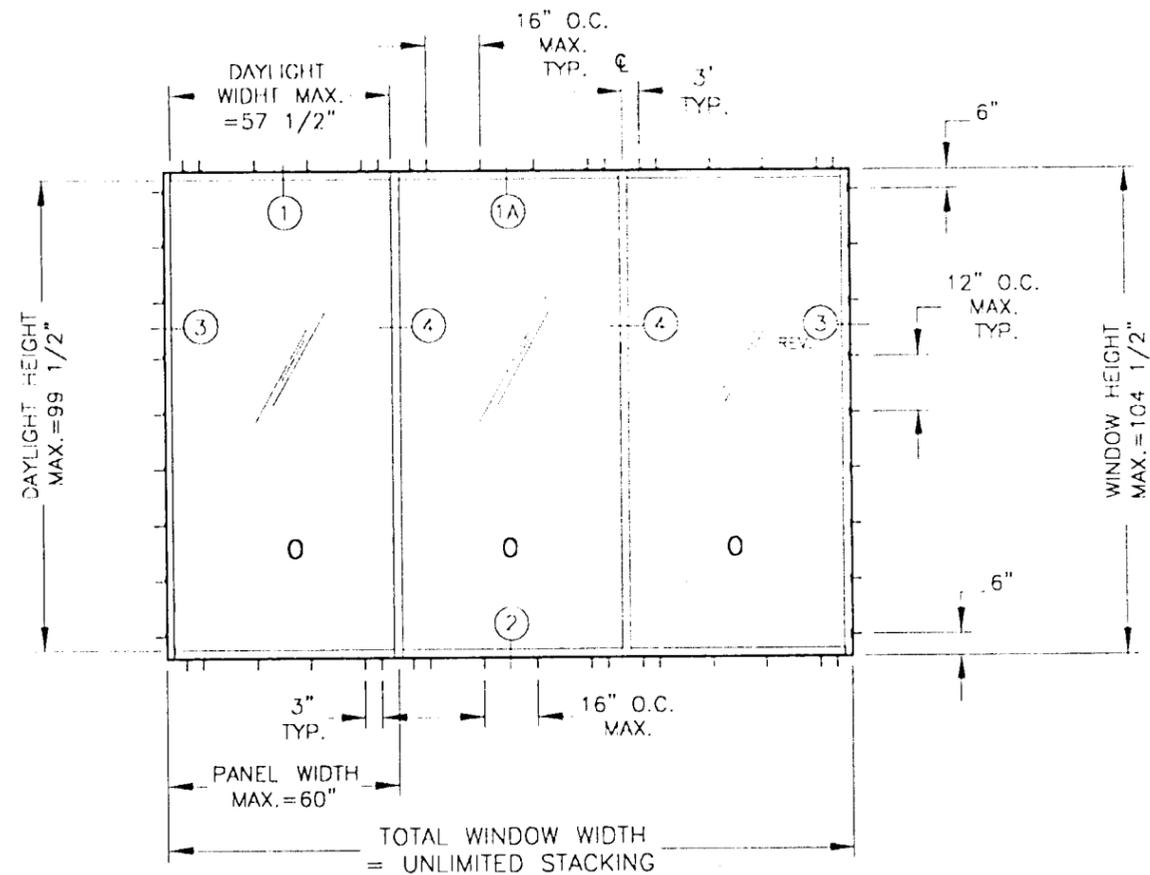
Raul Rodriguez, Chief  
Product Control Division

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

**END OF THIS ACCEPTANCE**

  
\_\_\_\_\_  
Raul Rodriguez, Chief  
Product Control Division



**TYPICAL ELEVATION**

**MIAMI WALL SYSTEMS, INC.**

SERIES 101  
ALUMINUM WINDOW WALL SYSTEM

BASE ON FTL #'S: 1779; 1784; 1785 (SMALL MISSILE IMPACT TEST)

GLASS: 1/4" TEMPERED

D.P. 110.0; 100.0; 60.0 PSF (POSITIVE & NEGATIVE)

W.T.P.: 20 PSF

DWG.No.	DESIGNATION	REINFORCEMENT	LOCATION
MWS-101,2	NO REINFORCEMENT	NONE	NONE
MWS-101,3	LIGHT REINFORCEMENT	1/4" STEEL BAR *	VERT. MULL
MWS-101,4	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)

PANEL SIZE INCHES	DESIGN PRESSURE PSF		NO. OF ANCHOR SCREWS IN FRAME	
	EXTERIOR	INTERIOR	HEAD & SILL	ALL JAMBS
<b>TETS REPORT #1785</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>TETS REPORT #1784</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>TETS REPORT #1779</b>				
36 x 79 1/8	11.0	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	11.0	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	11.0	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

**GENERAL NOTES:**

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

**PRODUCT RENEWED**

ACCEPTANCE No. 01-1108.01

EXPIRATION DATE December 2, 2006

By *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE December 03, 1998  
BY *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 97-1027-04

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

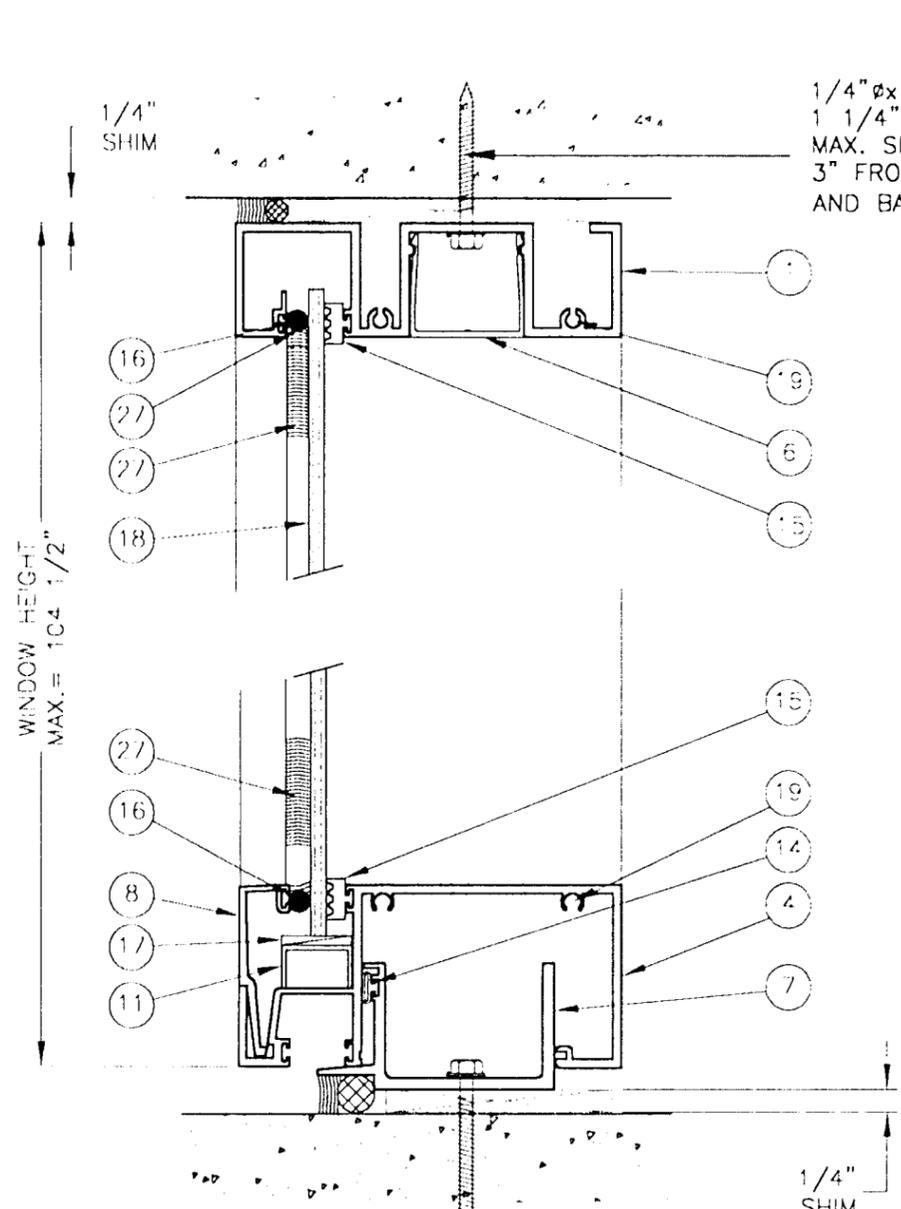
WINDOW WALL SERIES 101  
WALL ELEVATION  
REINFORCEMENT SUMMARY  
GENERAL NOTES

revisions:	no	date	by	description

date: 11/2/98  
scale: HALF  
design by: L.C.  
drawn by: L.C.  
checked by: G.L.

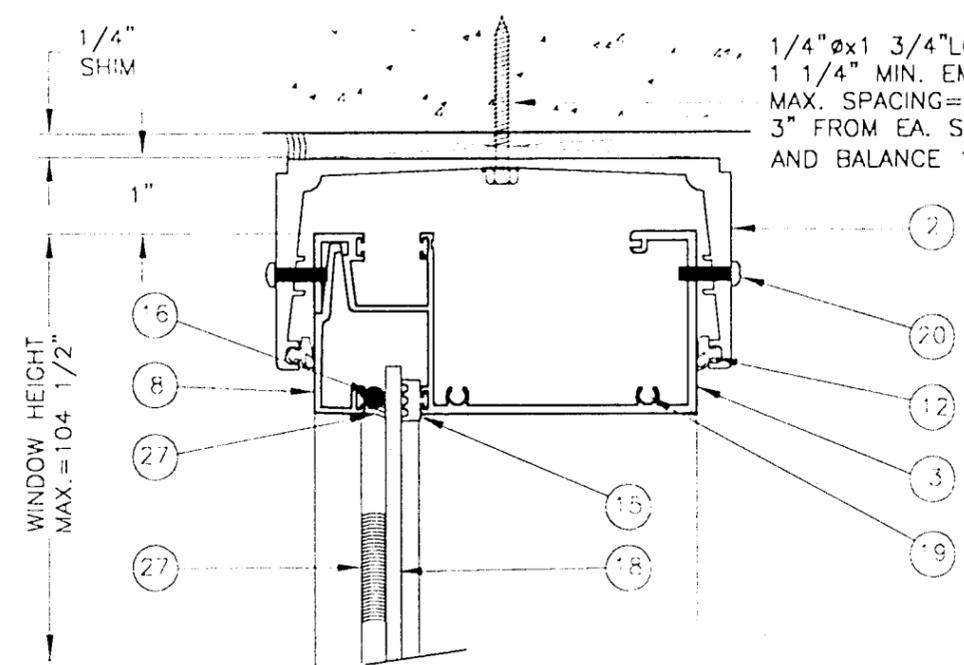
drawing no.  
MWS-101

sheet 1 of 6



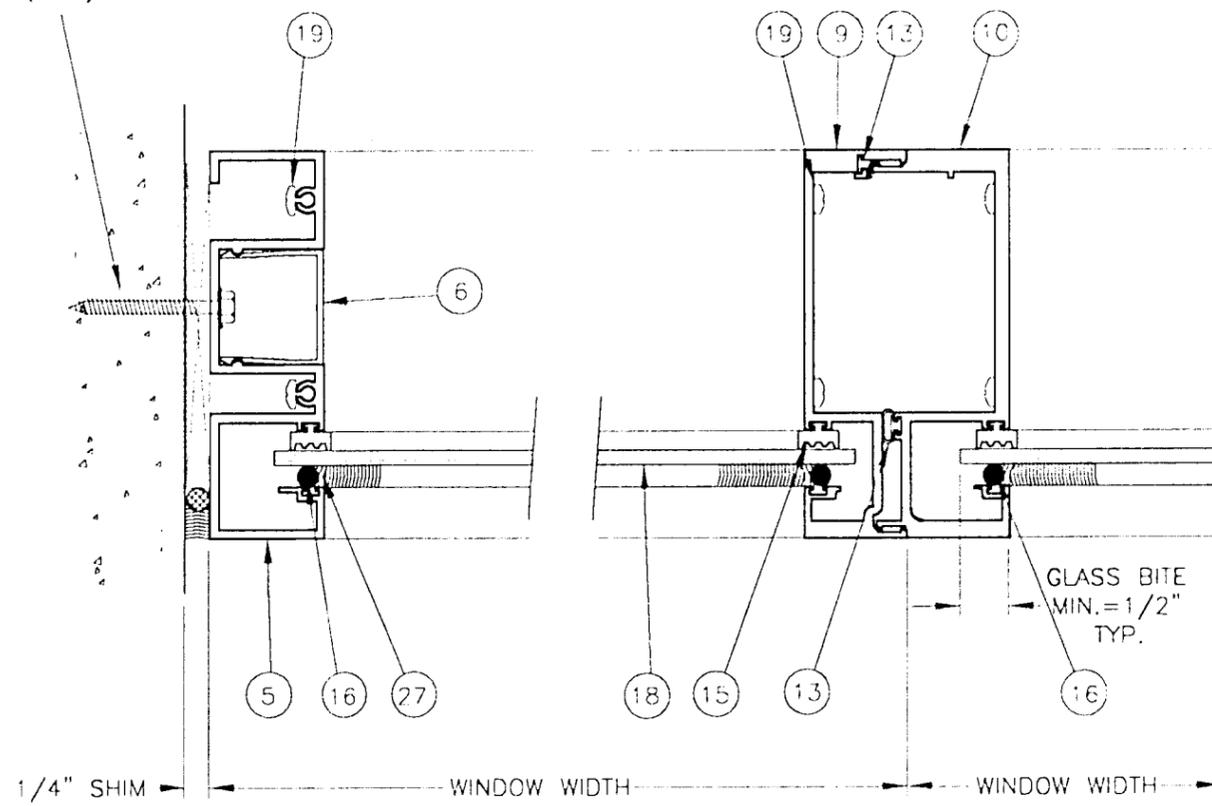
1/4"Øx1 3/4"LG. TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING= 5" FROM EA. END AND  
 3" FROM EA. SIDE OF VERT. MULL  
 AND BALANCE 16"O.C. (TYP.)

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.)



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 MAX. SPACING= 5" FROM EA. END AND  
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 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.)



**PRODUCT RENEWED**

ACCEPTANCE No. 01-1108-01  
 EXPIRATION DATE December 2, 2006

By [Signature]  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE December 03, 1998  
 BY [Signature]  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 17-1027-04

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

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

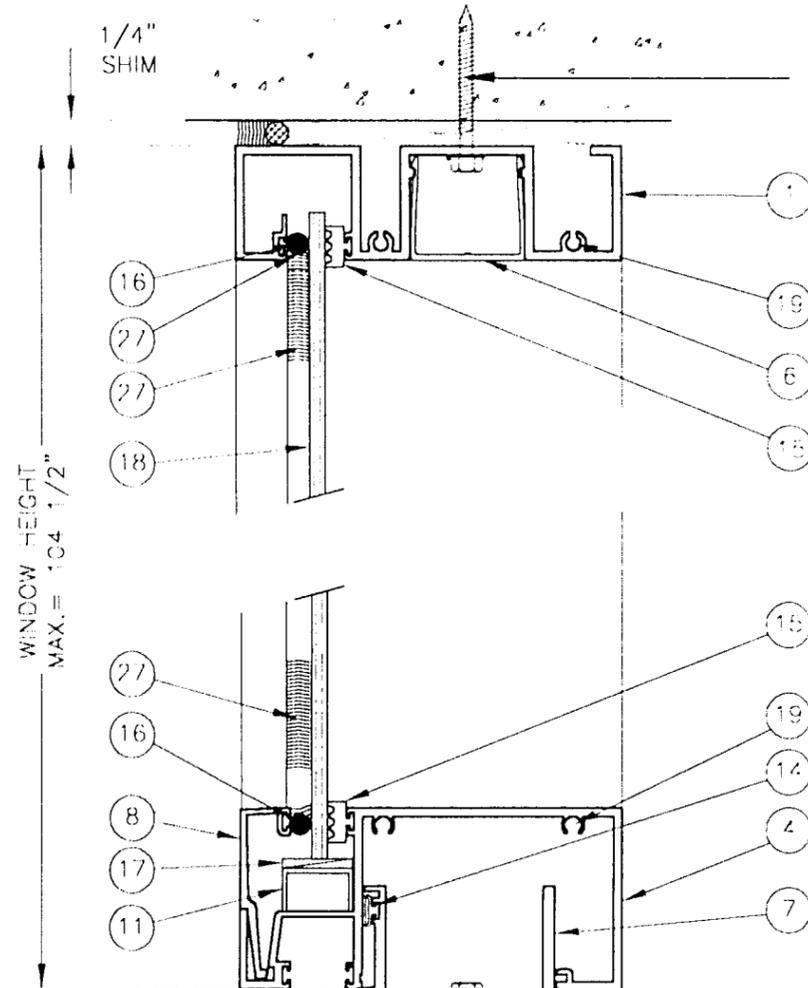
WINDOW WALL SERIES 101  
 STANDARD INSTALLATION  
 DETAILS  
 NO REINFORCEMENT

Revisions:

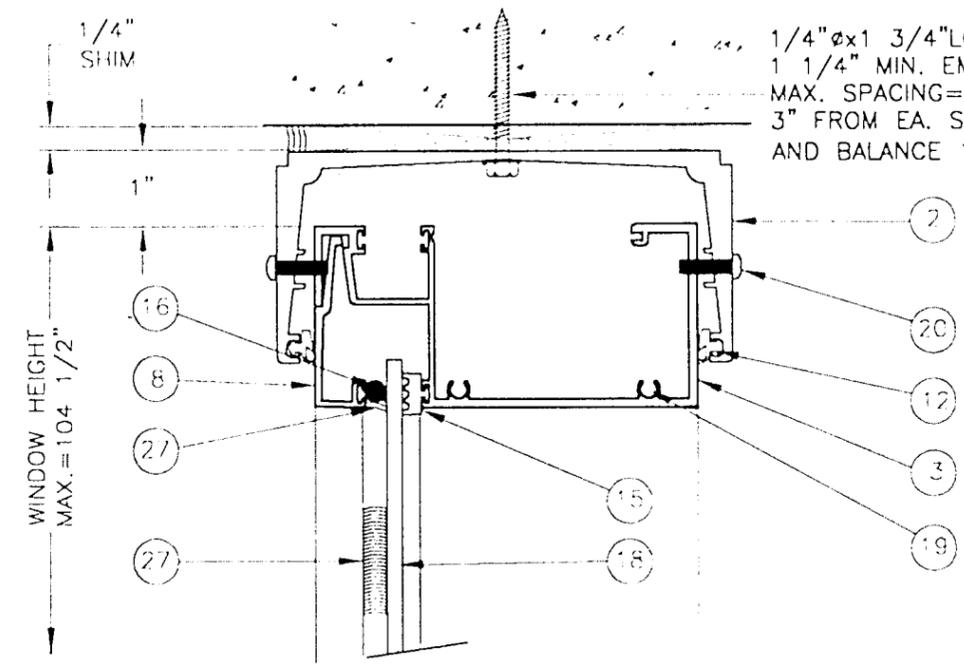
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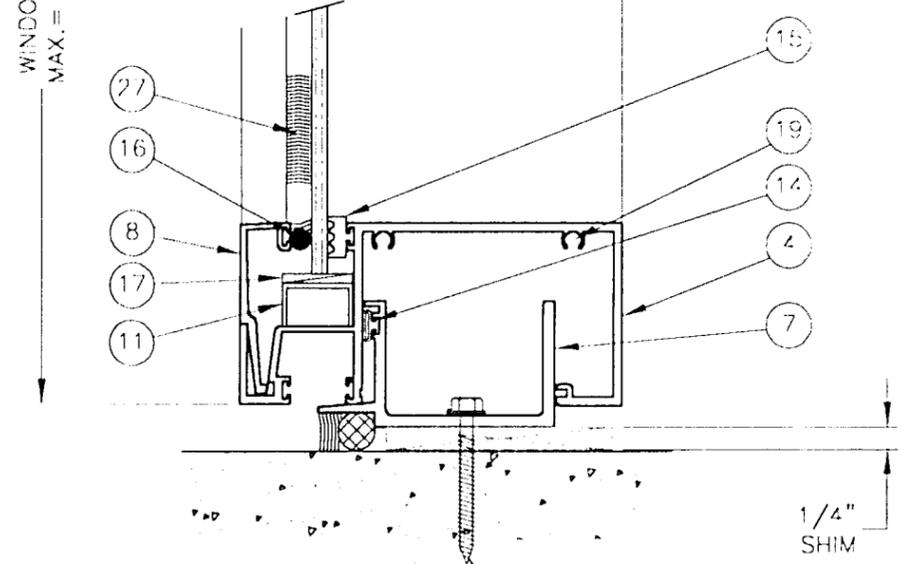
drawing no.  
 MWS-101  
 sheet 2 of 6



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.)

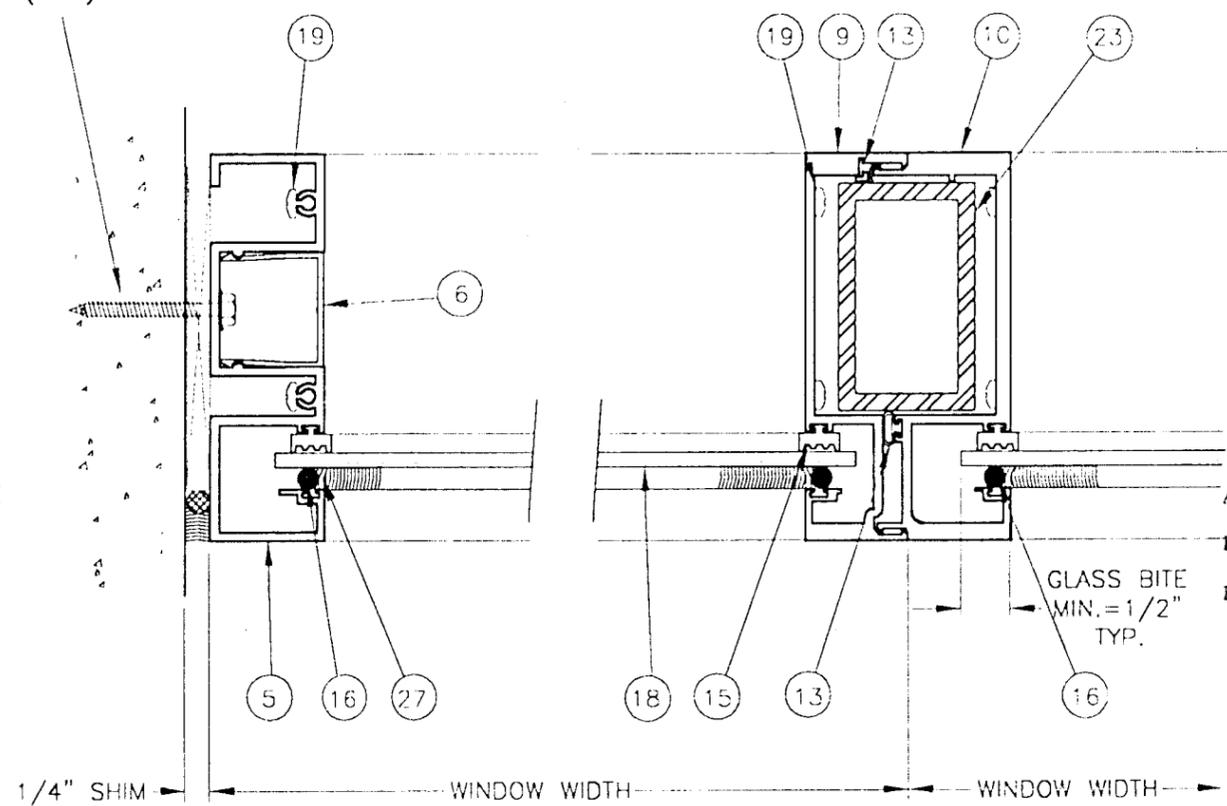


1/4"Øx1 3/4"LG. TAPCON  
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 MAX. SPACING= 5" FROM EA. END AND  
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 AND BALANCE 16"O.C.(TYP.)

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



**PRODUCT RENEWED**  
 ACCEPTANCE No. 61-1108.01  
 EXPIRATION DATE December 2, 2006  
 By *[Signature]*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE December 03 1998  
 BY *[Signature]*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 98-1027.04

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

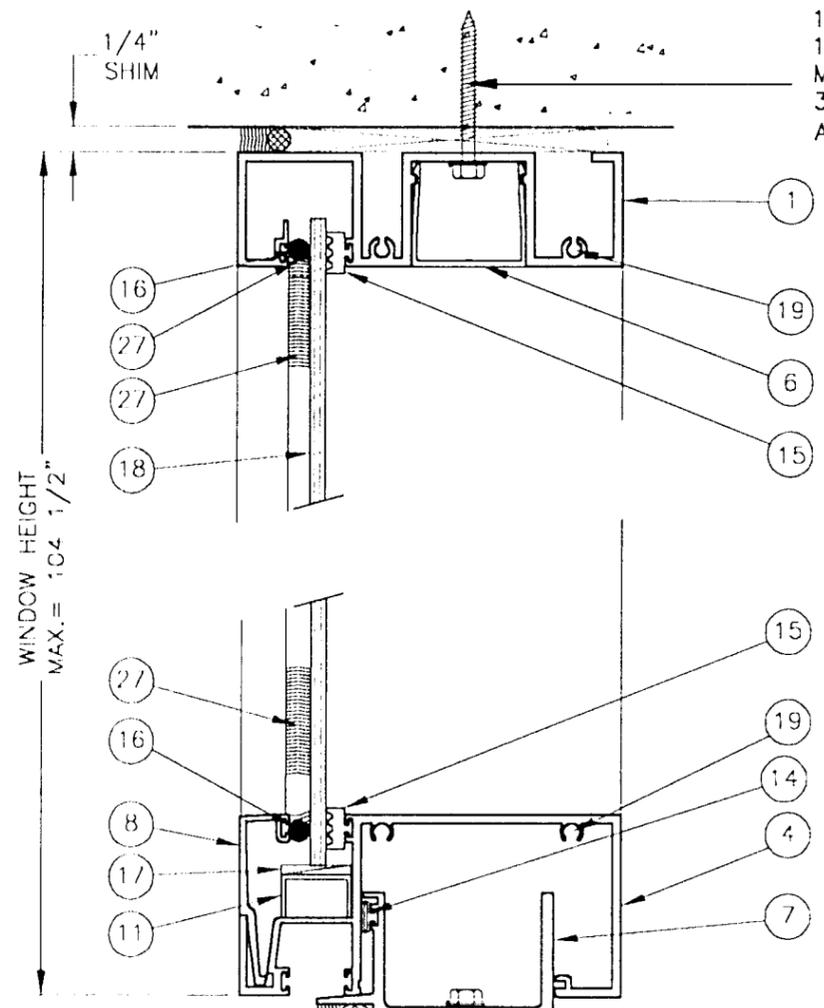
Miami Wall Systems, Inc.  
 701 West 25th Street  
 Hialeah, Florida, 33010  
 Phone:(305) 888-2300 Fax:(305) 888-3058

WINDOW WALL SERIES 101  
 STANDARD INSTALLATION  
 DETAILS  
 LIGHT REINFORCEMENT

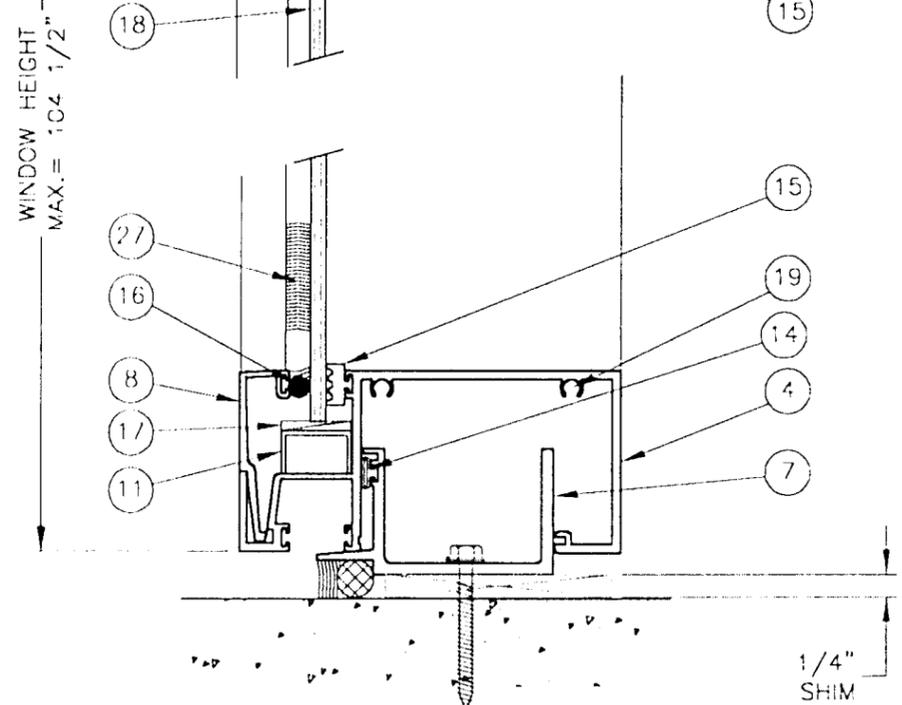
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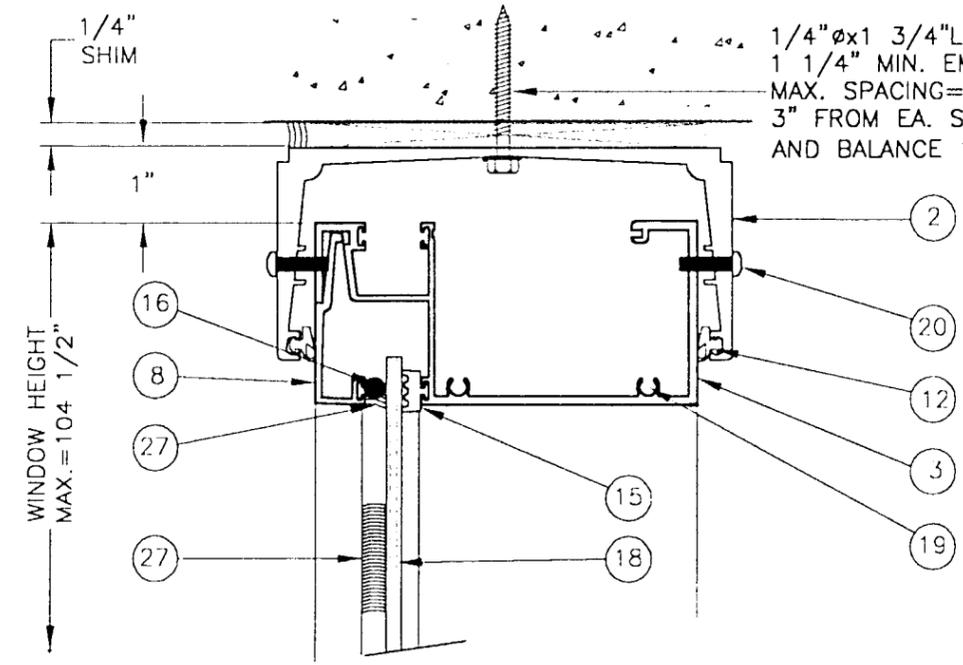
drawing no.  
 MWS-101  
 sheet 3 of 6



1/4"  $\phi$  x 1 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.)

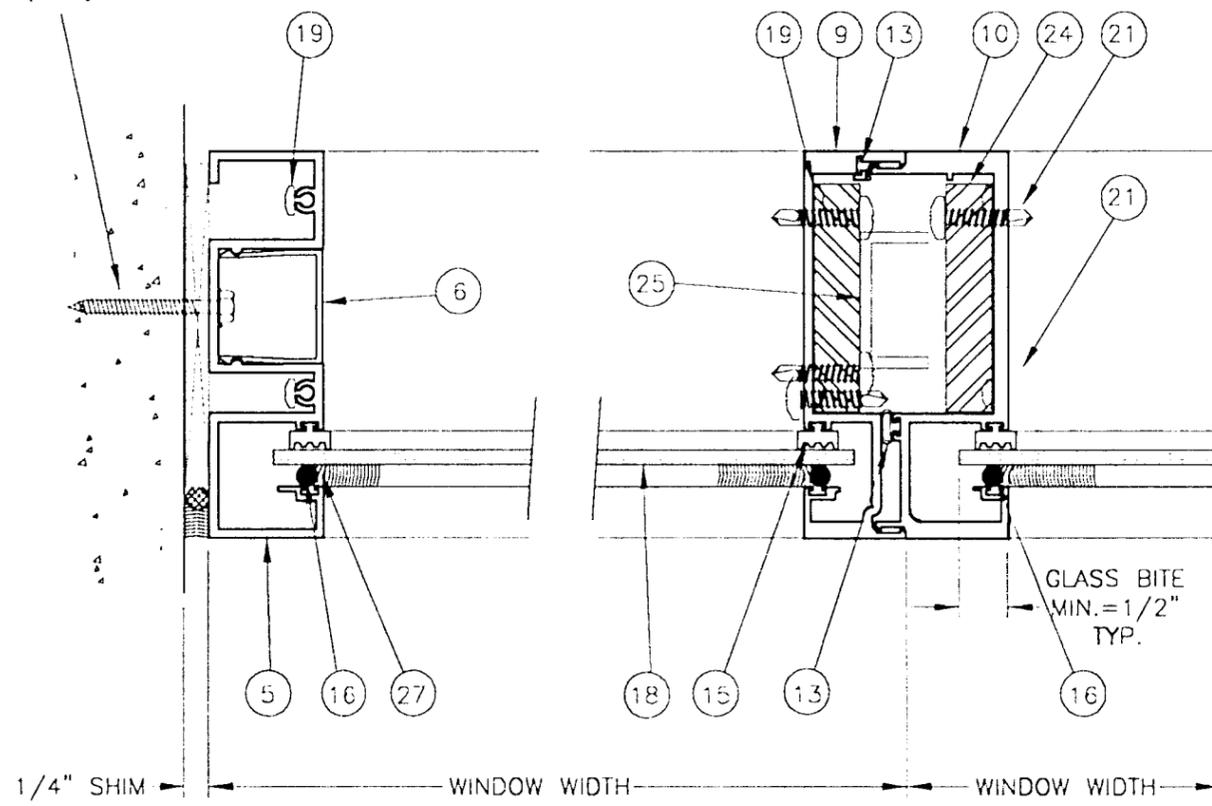


1/4"  $\phi$  x 1 3/4" LG. TAPCON  
 1 1/4" MIN. EMBEDMENT INTO CONCRETE  
 MAX. SPACING = 5" FROM EA. END AND  
 3" FROM EA. SIDE OF VERT. MULL  
 AND BALANCE 16" O.C. (TYP.)



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



GLASS BITE  
 MIN. = 1/2"  
 TYP.

**PRODUCT RENEWED**  
 ACCEPTANCE No. 01-1108.01  
 EXPIRATION DATE December 2, 2006  
 By *[Signature]*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE December 03, 19 98  
 BY *[Signature]*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 98-1027-04

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

**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:

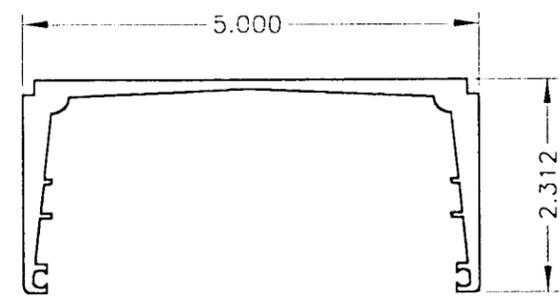
no.	date	description

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 drawn by: L.C.  
 checked by: G.L.

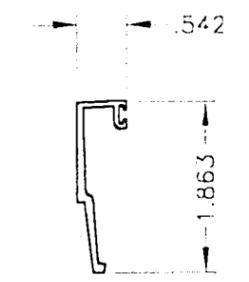
drawing no.  
 MWS-101

sheet 4 of 6

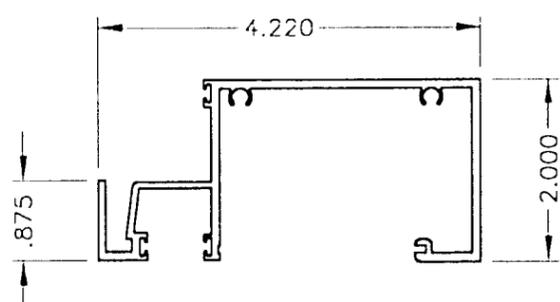
ITEM NO.	PART NO.	REQ'D	PART NAME	REMARKS
1	101-006	1	FRAME HEAD	FRAME
2	100-010	1	FRAME HEAD RECEPTOR	FRAME
3	101-001	1	FRAME HEAD (ALTERNATE)	FRAME
4	101-001	1	FRAME SILL	FRAME
5	101-006	1	FRAME JAMB	FRAME
6	101-007	FULL DIM.	FRAME JAMB COVER	FRAME
7	101-011	FULL WIDTH	WATER BAR	FRAME/SILL
8	101-002	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				



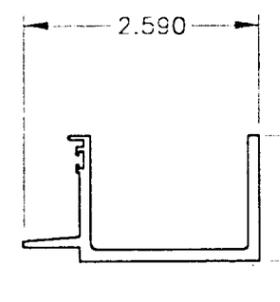
**HEAD RECEPTOR DIE# 100-010**  
MATERIAL: ALUMINUM  
ALLOY: 6005-T5  
TIPICAL WALL: .100"-.188"



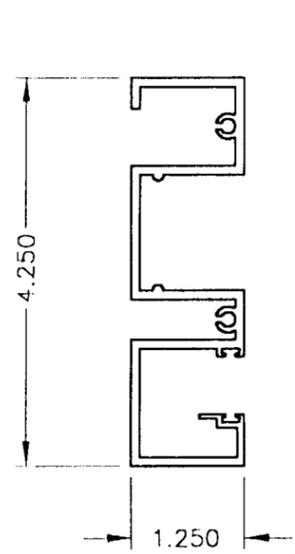
**GLAZING BEAD**  
**DIE #101-002**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TIPICAL WALL: .062



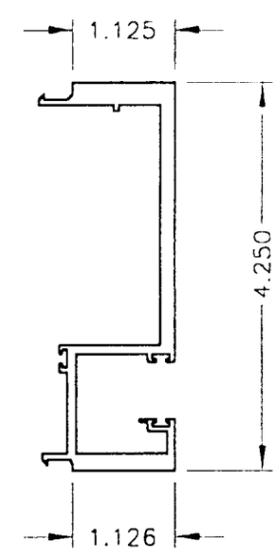
**FRAME SILL DIE# 100-010**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TIPICAL WALL: .094"



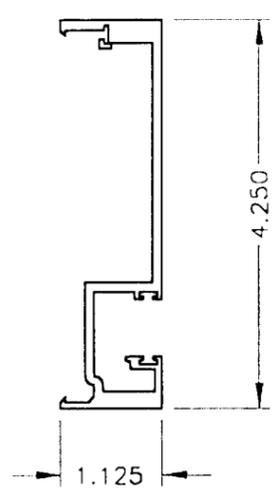
**WATER BAR**  
**DIE #101-010**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TIPICAL WALL: .125"



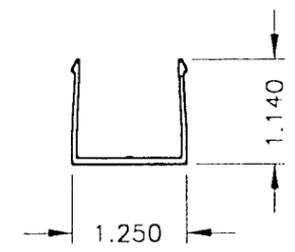
**FRAME JAMB**  
**DIE# 100-010**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TIPICAL WALL: .100"



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



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



**GLAZING BEAD**  
**DIE# 100-007**  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TIPICAL 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**

**PRODUCT RENEWED**  
ACCEPTANCE No. 01-1108-01  
EXPIRATION DATE December 2, 2006  
By *[Signature]*  
**PRODUCT CONTROL DIVISION**  
**BUILDING CODE COMPLIANCE OFFICE**

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE December 03 19 98  
BY *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-1027-04

revisions:	no.	date	by	description

date: 11/2/98  
scale: HALF  
design by: L.G.  
drawn by: L.G.  
checked by: G.L.

drawing no.  
**MWS-101**

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

**PRODUCT RENEWED**

ACCEPTANCE No. 01-1108.01

EXPIRATION DATE December 2, 2006

By *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE December 03 19 98

BY *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 97-102704

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: 11/3/98	drawn by: L.G.	checked by: G.L.
work: HUF	design by: L.G.	

drawing no.  
MWS-101

sheet 6 of 6