



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 9/16 18m

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.: 01-1108.04
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: 12/20/2001



APPROVED: December 20, 2001

EXPIRES: December 2, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This **renews** Notice of Acceptance (NOA) No. **99-1119.08**, which was issued on March 31, 2000. It renews the approval of an aluminum 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 thru 6 of 6, titled "Window Wall Series 101", prepared by manufacturer, dated 11/3/98 and revised 3/3/00, 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 window wall 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 window wall 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".

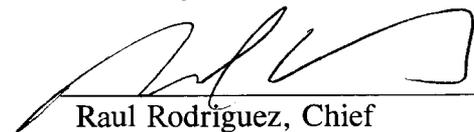
6. BUILDING PERMIT REQUIREMENTS

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 Rodríguez, Chief
Product Control Division

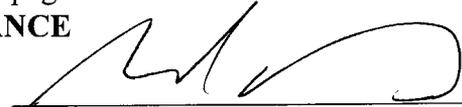
APPROVED: December 20, 2001

EXPIRES: December 2, 2006

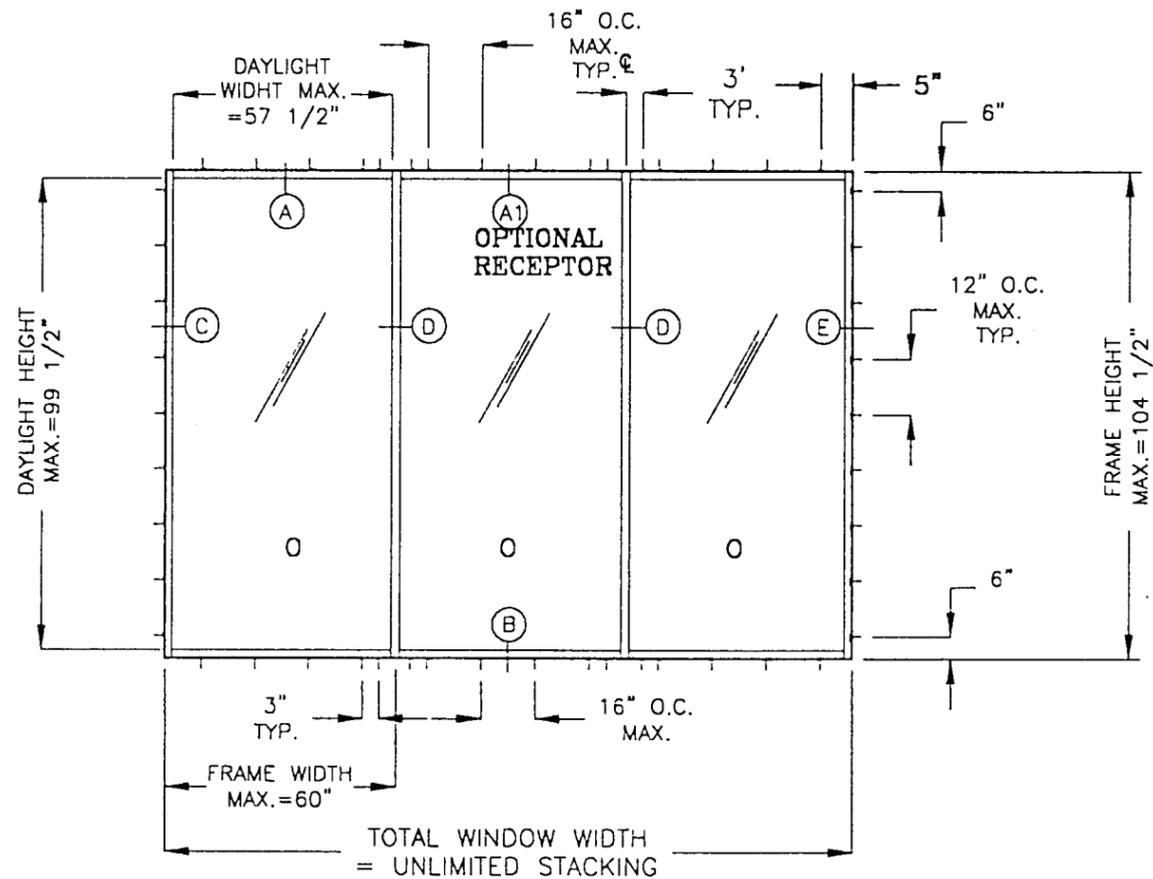
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

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 (SMALL MISSILE IMPACT TEST)
 BASE ON FTL #'S:1779;1784;1785 / 2454;2463;2468;2469;2470
 GLASS: 9/16" LAMINATED
 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
GLASS: 1/4" TEMP-.060 PVB*-1/4" TEMP (FTL-1785)				
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
60 x 103 1/8	60.0	60.0	4	9
GLASS: 1/4" TEMP-.060 PVB*-1/4" TEMP (FTL-1784)				
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
60 x 103 1/8	100.0	100.0	4	9
GLASS: 1/4" TEMP-.060 PVB*-1/4" TEMP (FTL-1779)				
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
60 x 103 1/8	110.0	110.0	4	9

* LAMINATE = .060 SAFLEX III PVB by SOLUTIA

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. 01-1108.04
 EXPIRATION DATE December 2, 2006
 By [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE March 31, 2000
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1119.08

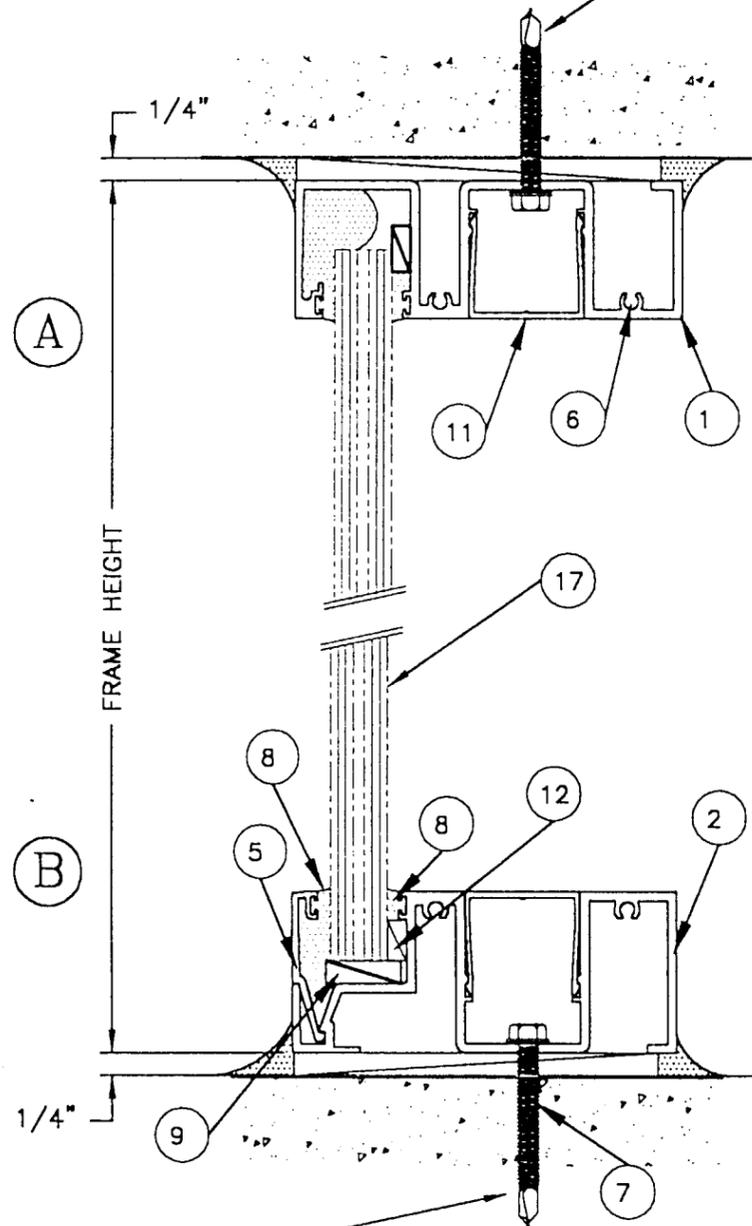
Miami Wall Systems, Inc.
 701 West 25th Street
 Hialeah, Florida 33010
 Phone: (305) 888-2300 Fax: (305) 888-3058

WINDOW WALL SERIES 101
 WALL ELEVATION
 REINFORCEMENT SUMMARY
 GENERAL NOTES

NO.	DATE	REVISION
3	3/00	MATERIAL REQ'D
2	3/00	GLASS IDENTIFY
1	11/99	GLASS TO 9/16 LAMI

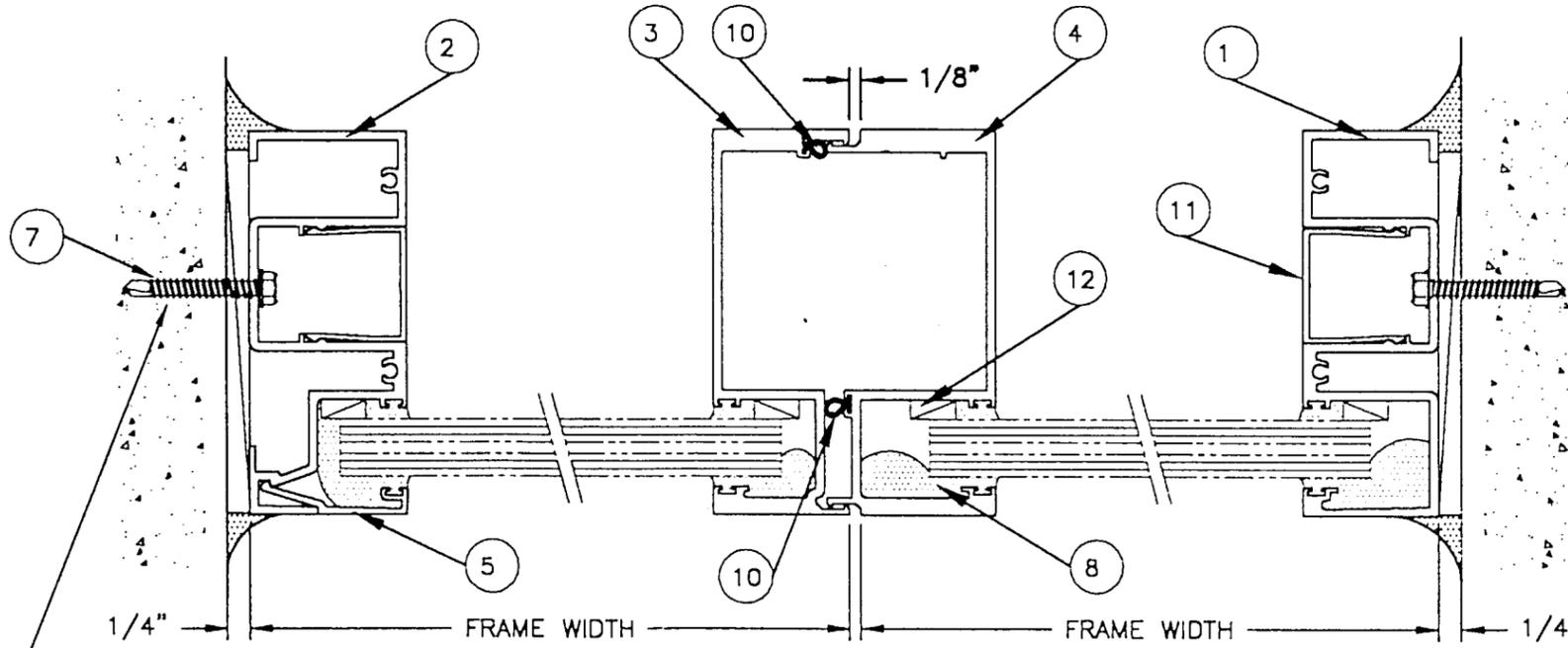
DATE: 11/3/98
 SCALE: 1/2" = 1'-0"
 DWG. BY: LC
 CHK. BY:
 DWG NO.: MWS-101
 SHEET 1 OF 6

1/4"Ø TAPCON WITH
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.)

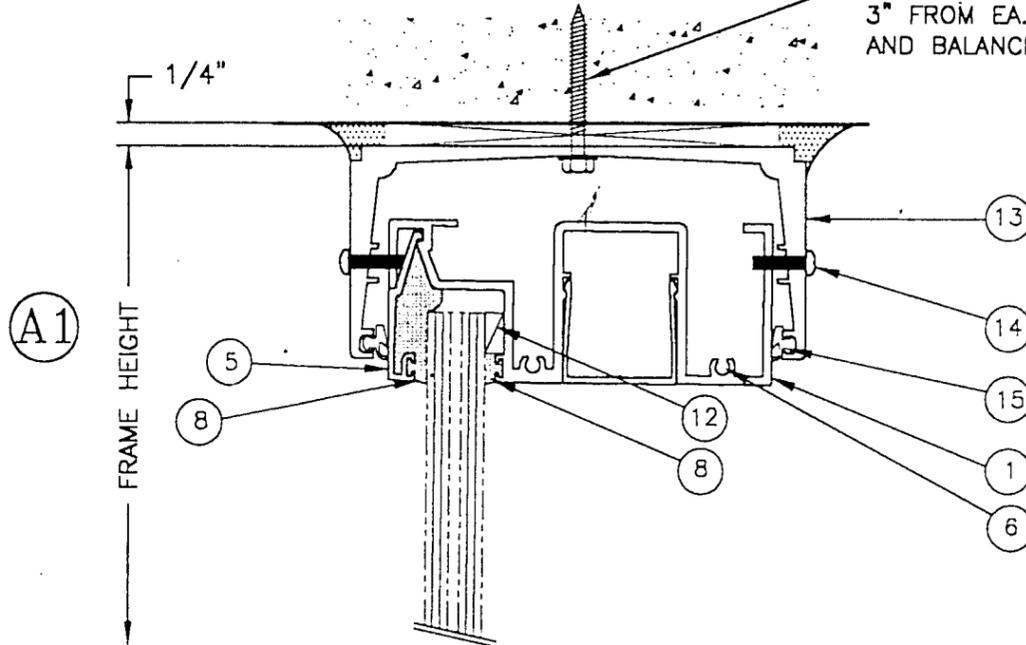


1/4"Ø TAPCON WITH
1 1/4" MIN. EMBEDMENT INTO CONCRETE
MAX. SPACING= 5" FROM EA. END AND
3" FROM EA. SIDE OF VERT. MULL
AND BALANCE 16"O.C.(TYP.)

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



1/4"Ø TAPCON WITH
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.)



PRODUCT RENEWED

ACCEPTANCE No. 61-1108.64
EXPIRATION DATE December 2, 2006
By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE March 31, 2000
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1119.08

GLASS: 1/4" TEMP - .060 PVB - 1/4" TEMP

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

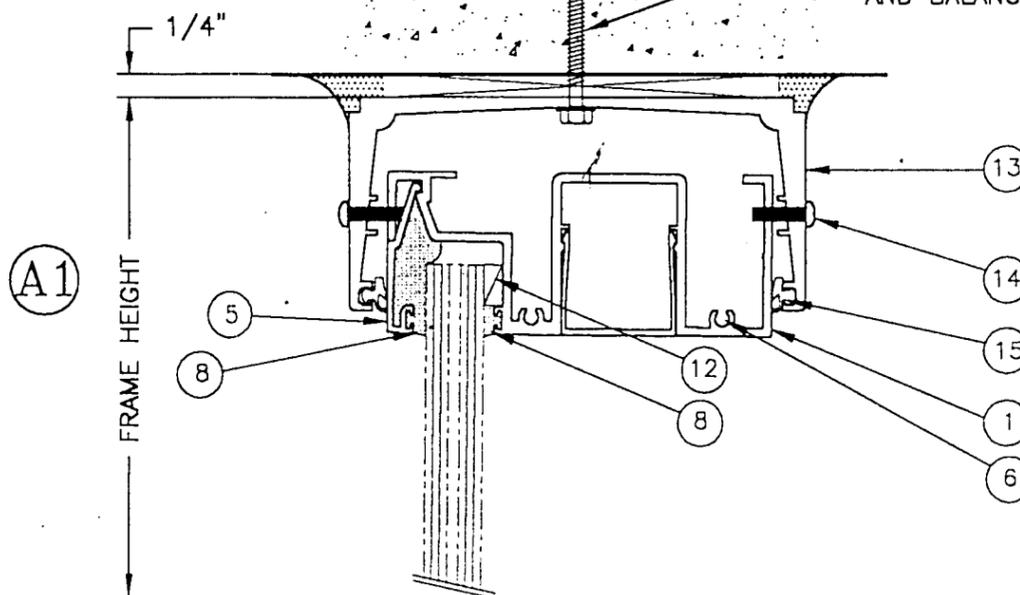
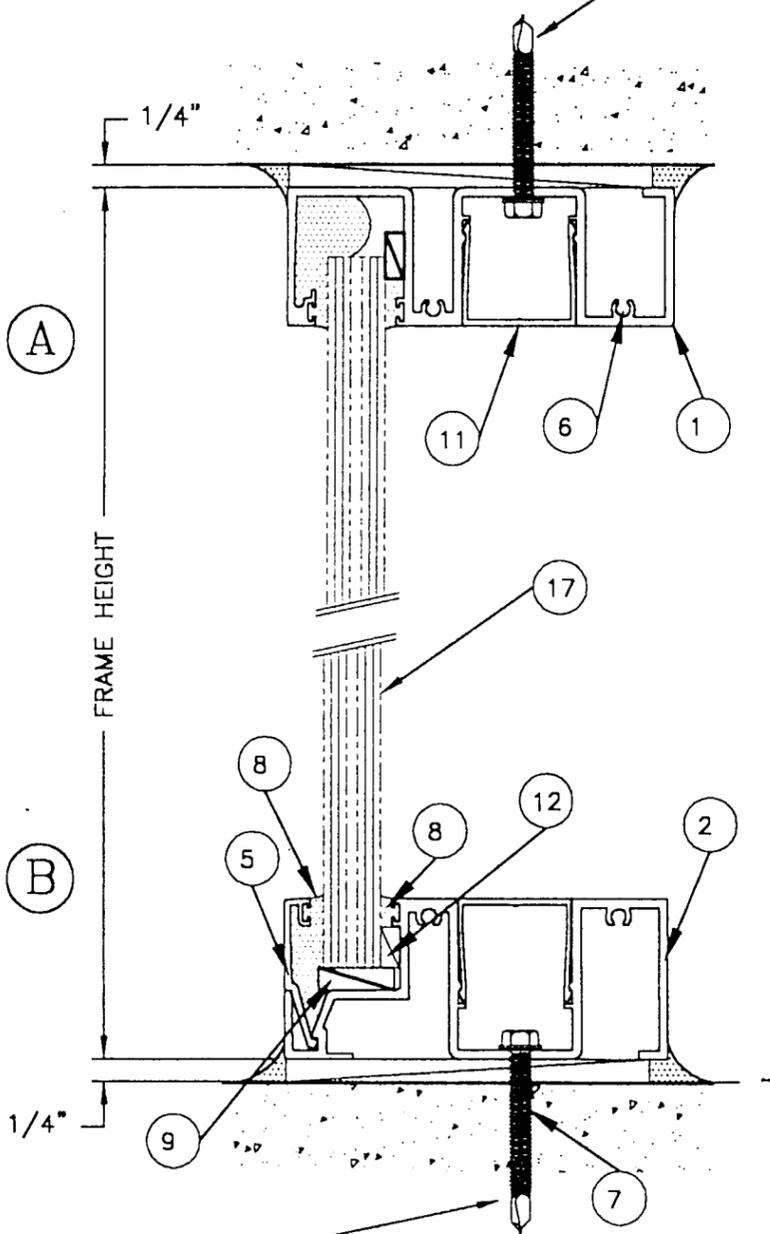
WINDOW WALL SERIES 101
STANDARD INSTALLATION
DETAILS
NO REINFORCEMENT

NO.	DATE	REVISION
3	3/00	MATERIAL REQ'D
2	3/00	GLASS IDENTIFY
1	11/99	GLASS TO 9/16 LAMI

DATE: 11/3/98
SCALE: 1/2"=1'-0"
DWG. BY: LG
CHK. BY:
DWG NO.: MWS-101
SHEET 2 OF 6

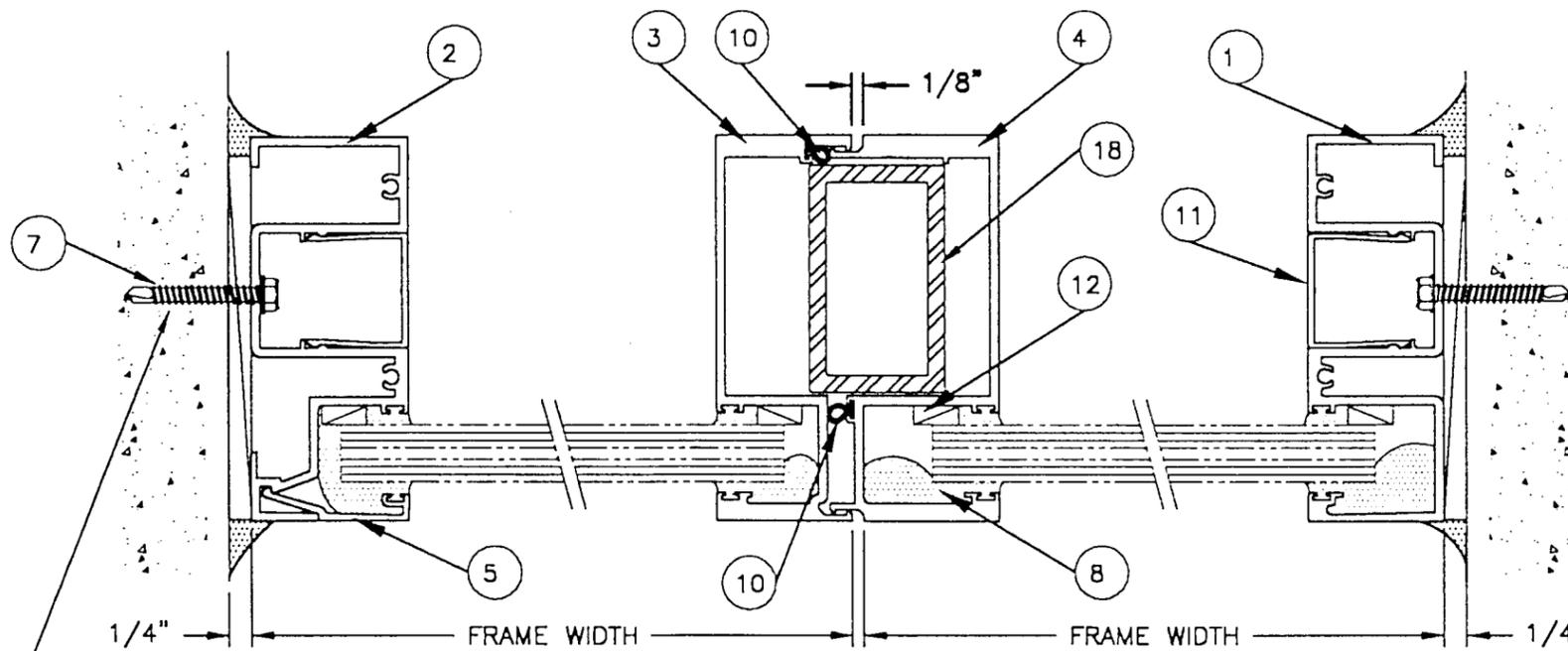
1/4"Ø TAPCON WITH
1 1/4" MIN. EMBEDMENT INTO CONCRETE
MAX. SPACING= 5" FROM EA. END AND
3" FROM EA. SIDE OF VERT. MULL
AND BALANCE 16"O.C. (TYP.)

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



PRODUCT RENEWED

ACCEPTANCE No. 01-1108.04
EXPIRATION DATE December 2, 2006
By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE March 31, 2000
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1119.08

GLASS: 1/4" TEMP - .060 PVB - 1/4" TEMP

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

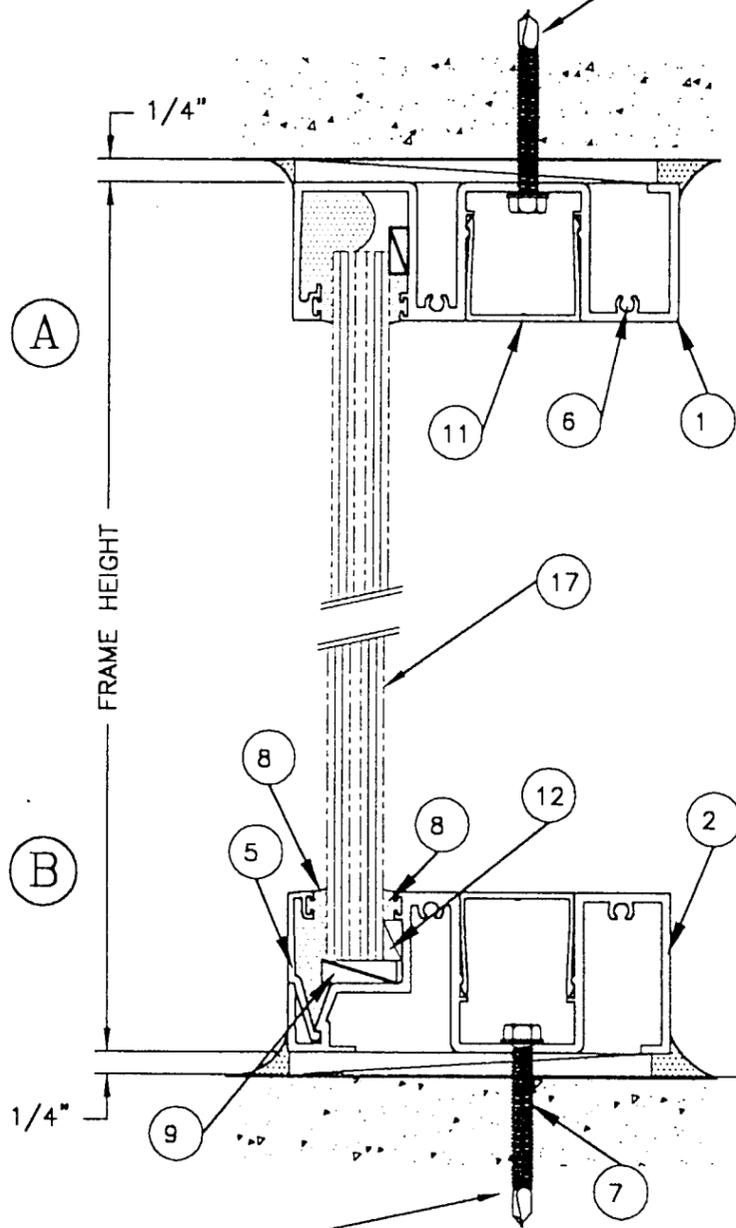
Miami Wall Systems, Inc.
701 West 25th Street
Hialeah, Florida, 33010
Phone: (305) 888-2300 Fax: (305) 888-3058

WINDOW WALL SERIES 101
**STANDARD INSTALLATION
DETAILS
LIGHT REINFORCEMENT**

NO.	DATE	REVISION
3	3/00	MATERIAL REQ'D
2	3/00	GLASS IDENTIFY
1	11/99	GLASS TO 9/16 LAMI

DATE: 11/3/98
SCALE: 1/2"=1'-0"
DWG. BY: LG
CHK. BY:
DWG NO.: MWS-101
SHEET 3 OF 6

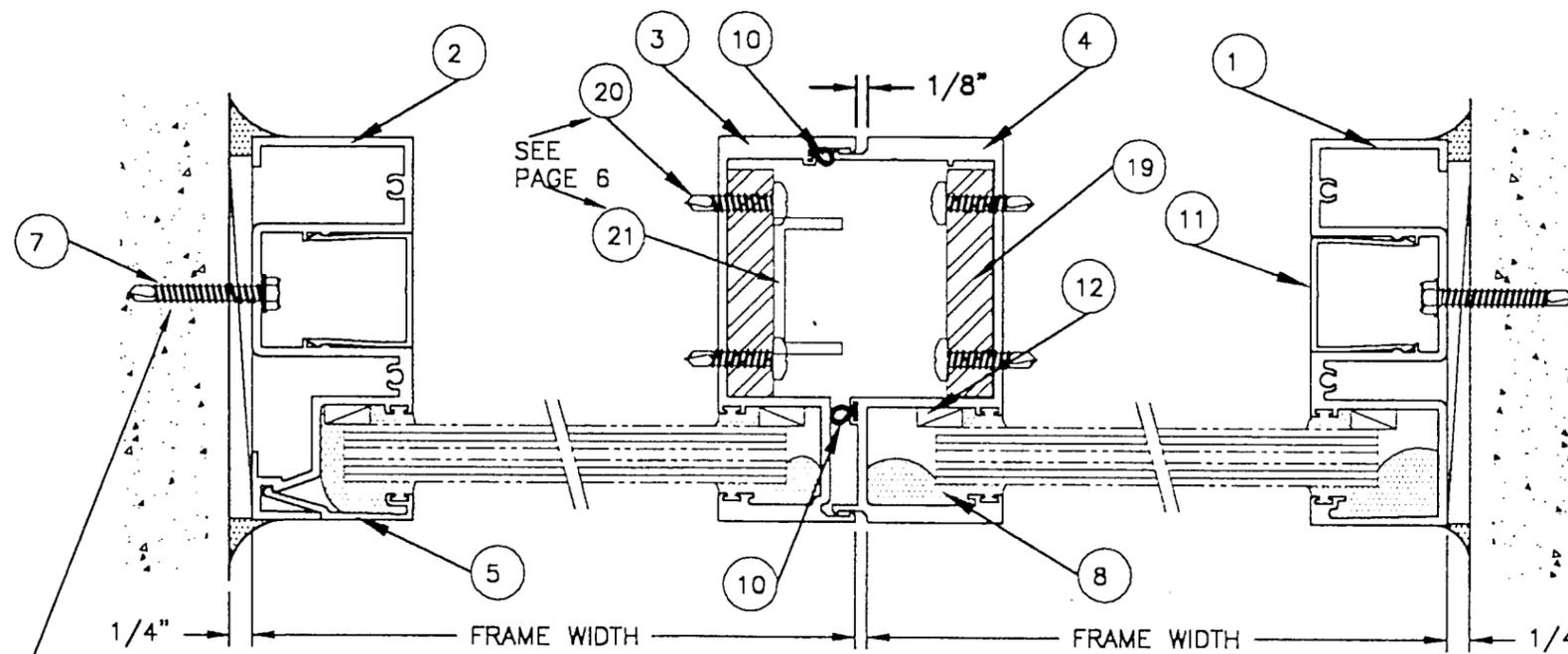
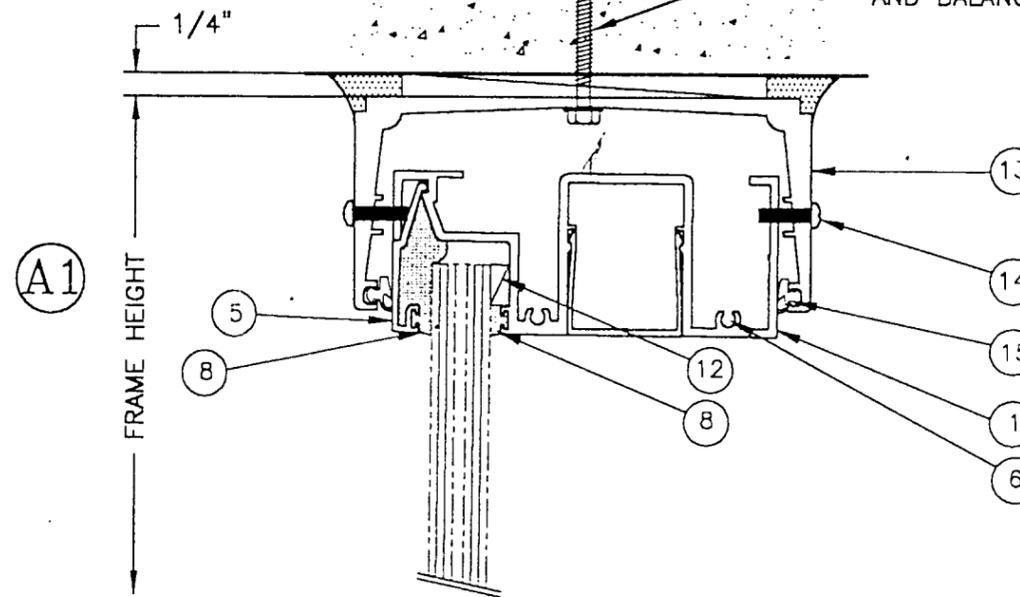
1/4"Ø TAPCON WITH
1 1/4" MIN. EMBEDMENT INTO CONCRETE
MAX. SPACING= 5" FROM EA. END AND
3" FROM EA. SIDE OF VERT. MULL
AND BALANCE 16"O.C. (TYP.)



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

1/4"Ø TAPCON WITH
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.)



PRODUCT RENEWED

ACCEPTANCE NO. 01-168.07

EXPIRATION DATE December 2, 2006

By [Signature]

PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE March 31, 2000
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1119.08

GLASS: 1/4" TEMP - .060 PVB - 1/4" TEMP

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

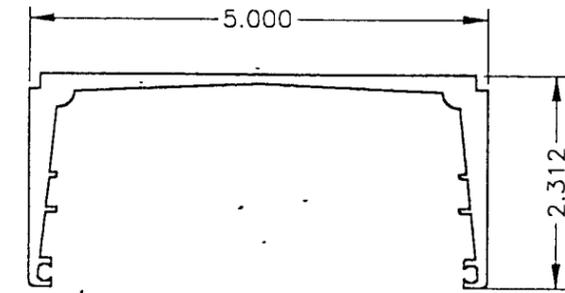
WINDOW WALL SERIES 101
STANDARD INSTALLATION
DETAILS
HEAVY REINFORCEMENT

NO.	DATE	REVISION
3	3/00	MATERIAL REQ'D
2	3/00	GLASS IDENTIFY
1	11/99	GLASS TO 9/16 LAMI

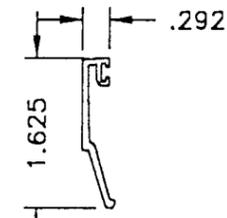
DATE: 11/3/98
SCALE: 1/2"=1'-0"
DWG. BY: LG
CHK. BY:
DWG NO.: MWS-101
SHEET 4 OF 6

MATERIALS LIST

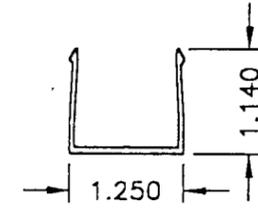
ITEM NO.	DESCRIPTION	REQ'D	PART NUMBER	COMMENTS
1	HEAD (A) / JAMB (E)	1	101-206	
2	SILL (B)/ JAMB (C)	1	101-201	
3	FEMALE VERT. MULL	1	101-205	
4	MALE VERT. MULL	1	101-204	
5	GLAZING BEAD	FULL DIM.	101-202	
6	FRAME ASSEMBLY SCREW	8		10 X 1 SMS
7	INSTALLION FASTENER	AS REQ'D		1/4" TAPCON
8	GLAZING SILCONE	AS REQ'D		GE4000
9	SETTING BLOCK	2 PER LITE		1/4" X 3/4 X 4" LG
10	BLUB VINYL	SNG'L ROW	G119A	VERT. MULL
11	FASTENER COVER	FULL DIM.	101-007	
12	GLASS SPACER	AS REQ'D		3/16 X 1/2 X 2
13	FRAME HEAD RECEPTOR	1	101-010	
14	HEAD RECEPTOR FASTENER	AS REQ'D		14 X 1 SMS
15	VINYL BULB	DB'L ROW	G-117	HEAD RECEPTOR
16				
17	GLASS			9/16 LAMI (SEE PAGE 1)
18	STEEL TUBE (LIGHT REIN.)	1 PER MULL		1 1/2X2 1/2X3/16X HEIGHT
19	STEEL BAR (HEAVY REIN.)	2 PER MULL		1/2X2 1/2X HEIGHT
20	FASTENER	4 PER BAR		14X1 SMS
21	ALUM. CHANNEL	1 PER MULL		3/4X1 1/2X3/4X1/8X HEIGHT
22				
23				
24				



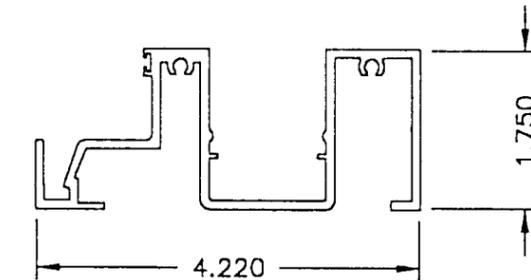
HEAD RECEPTOR DIE# 100-010
 MATERIAL: ALUMINUM
 ALLOY: 6005-T5
 TYPICAL WALL: .100"-.188"



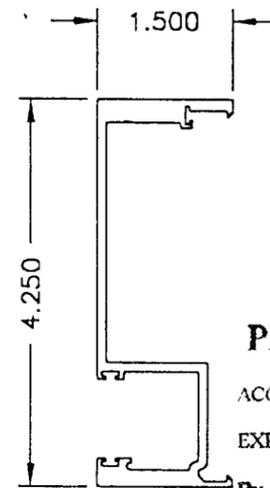
GLAZING BEAD
 DIE #101-202
 MATERIAL: ALUMINUM
 ALLOY: 6063-T6
 TYPICAL WALL: .062



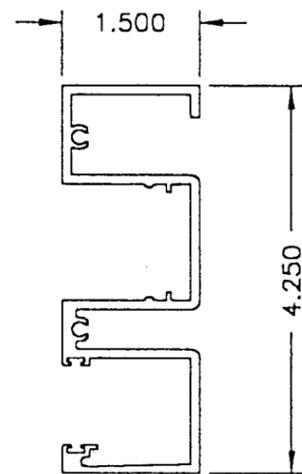
FASTENER COVER
 DIE# 101-007
 MATERIAL: ALUMINUM
 ALLOY: 6063-T6
 TYPICAL WALL: .050"



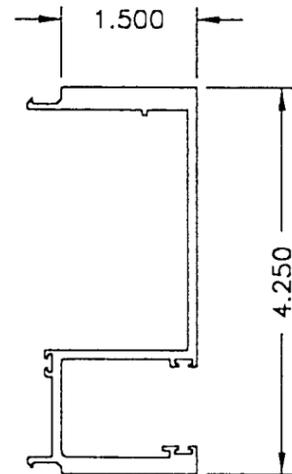
FRAME SILL
 DIE #101-201
 MATERIAL: ALUMINUM
 ALLOY: 6063-T5
 TYPICAL WALL: .094



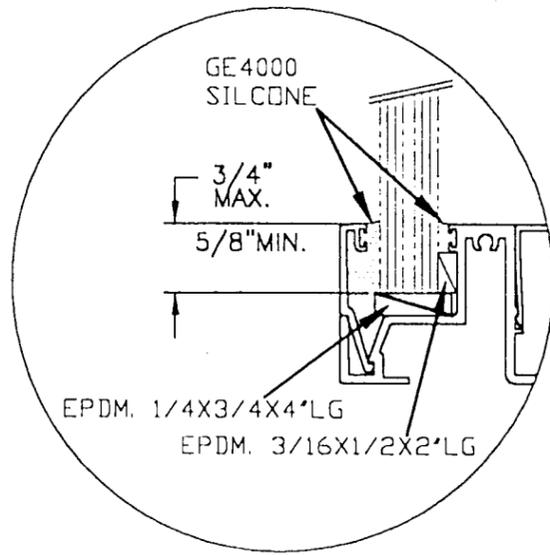
FEMALE VERT. MULLION
 DIE# 101-205
 MATERIAL: ALUMINUM
 ALLOY: 6063-T5
 TYPICAL WALL: .100"



FRAME JAMB/HEAD
 DIE# 101-206
 MATERIAL: ALUMINUM
 ALLOY: 6063-T5
 TYPICAL WALL: .100"



MALE VERT. MULLION
 DIE# 101-204
 MATERIAL: ALUMINUM
 ALLOY: 6063-T5
 TYPICAL WALL: .100"



TYPICAL GLAZING DETAIL
 (HALF SCALE)

PRODUCT RENEWED

ACCEPTANCE No. 01-1108.07
 EXPIRATION DATE December 2, 2006
 By *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE March 31, 2000
 BY *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1119.08

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

NO	DATE	REVISION	MATERIAL REQ'D	GLASS IDENTIFY
3	3/00			
2	3/00			
1	11/99			GLASS TO 9/16 LAMI

DATE: 11/3/98
 SCALE: 1/2"=1'-0"
 DWG. BY: LG
 CHK. BY:
 DWG NO.: MWS-101
 SHEET 5 OF 6

ASSY. SCREW
ITEM #6

FRAME TOP CORNER

#14x1" PH SMS
ITEM #20
(HEAVY REINFORCEMENT ONLY)

REINFORM'T BAR
ITEM #19
(HEAVY REIN. ONLY)

ASSY. SCREW
ITEM #6

#14x1" PH SMS
ITEM #20

FRAME BOTTOM CORNER

FRAME TOP CORNER

SHOP APPLIED SEALANT
THE INSIDE PERIMETER OF
JAMB DURING ASSEMBLY

ASSY. SCREW
ITEM #6

ASSY. SCREW
ITEM #6

SHOP APPLIED SEALANT
THE INSIDE PERIMETER OF
JAMB DURING ASSEMBLY

FRAME BOTTOM CORNER

PRODUCT RENEWED

ACCEPTANCE No. 01-1108.04
EXPIRATION DATE December 2, 2006
By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE March 31, 2000
BY Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1119.08

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	REVISION
3	3/00	MATERIAL REQ'D
2	3/00	GLASS IDENTIFY
1	11/99	GLASS TO 9/16 LAMI

DATE: 11/3/98
SCALE: 1/2" = 1'-0"
DWG. BY: LG
CHK. BY:
DWG NO.: MWS-101
SHEET 6 OF 6