



**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Owen International Inc.  
500 W 83 St.  
Hialeah ,FL 33014**

**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

Your application for Notice of Acceptance (NOA) of:  
**Aluminum Window Wall System (Impact-Resistant)**  
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.

**ACCEPTANCE NO.: 01-1203.10**  
**EXPIRES: 12/03/2006**

Raul Rodriguez  
Chief Product Control Division

**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: 01/03/2002**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

1.1 This **renews** Notice of Acceptance (NOA) No. **98-0331.05**, which was issued on December 3, 1998. 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 "03 x 11" Aluminum Fixed Window Wall System – Large and Small Missile Impact Resistant** and its components shall be constructed in strict compliance with the following document: Drawing No **97-42**, Sheets 1 through 7 of 7, titled "Storefront/Curtain Wall System", prepared by Al Farooq Corporation, dated 12/12/97 and revised on 9/15/98, 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 glazing 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): to determine whether the installation requires a hurricane protection system or not, see corresponding table in approved drawing.

**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.

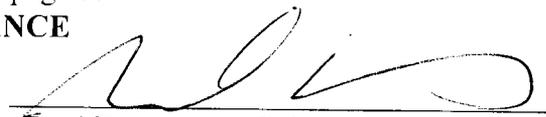
6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

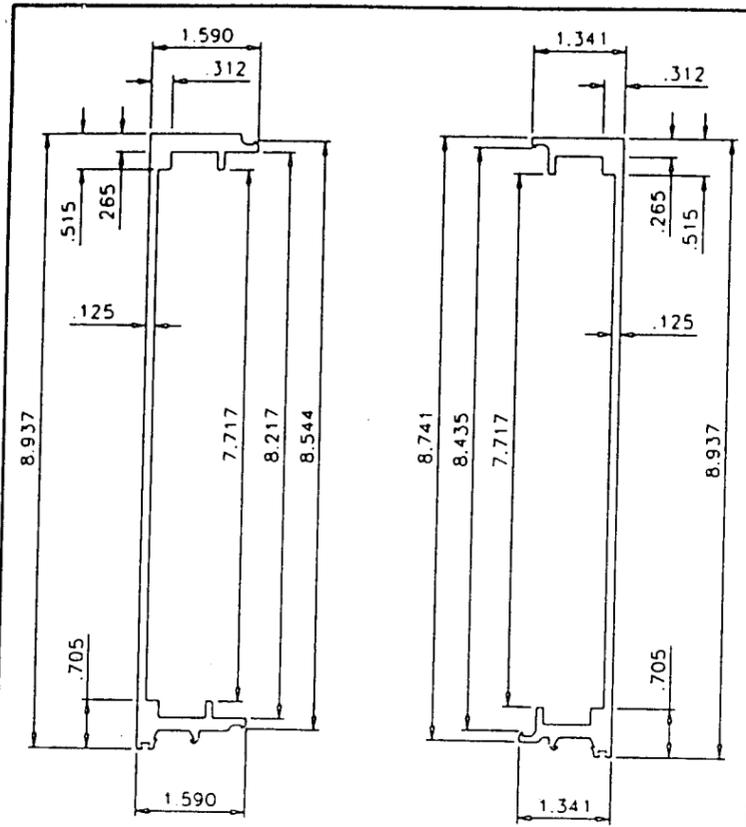
  
\_\_\_\_\_  
Raul Rodriguez, Chief  
Product Control Division

**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.

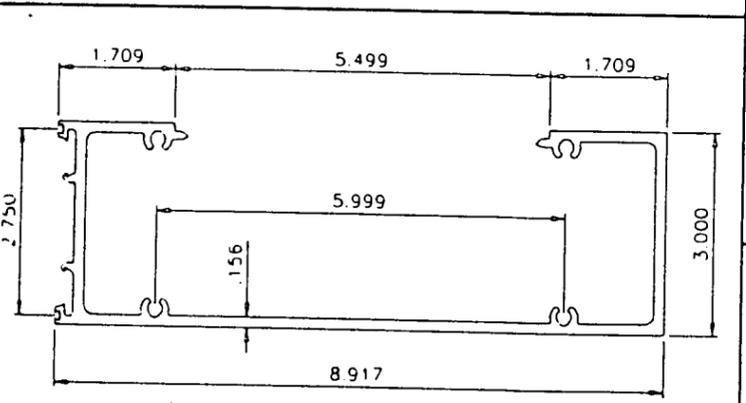
**END OF THIS ACCEPTANCE**

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

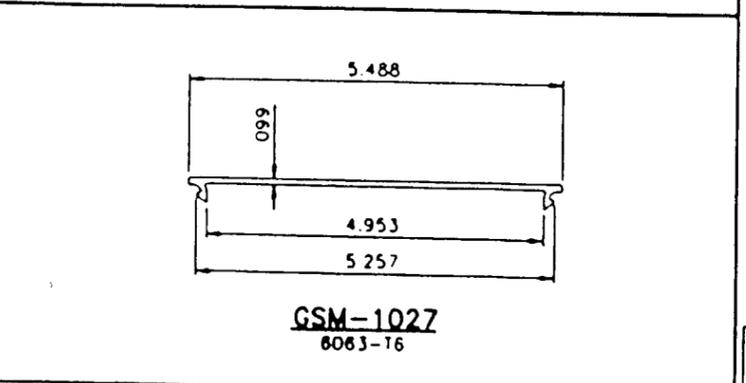


**OIC-3**  
6063-T6

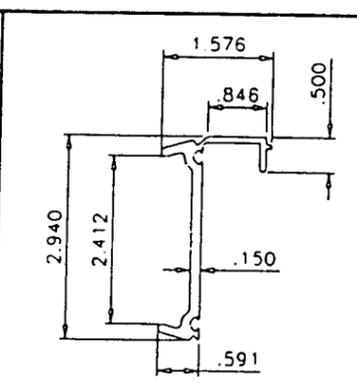
**OIC-2**  
6063-T6



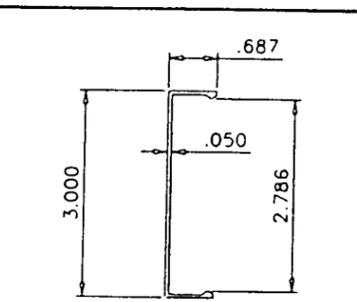
**OIC-017**  
6063-T6



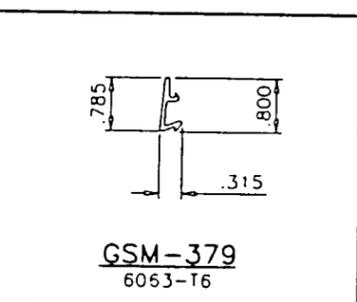
**GSM-1027**  
6063-T6



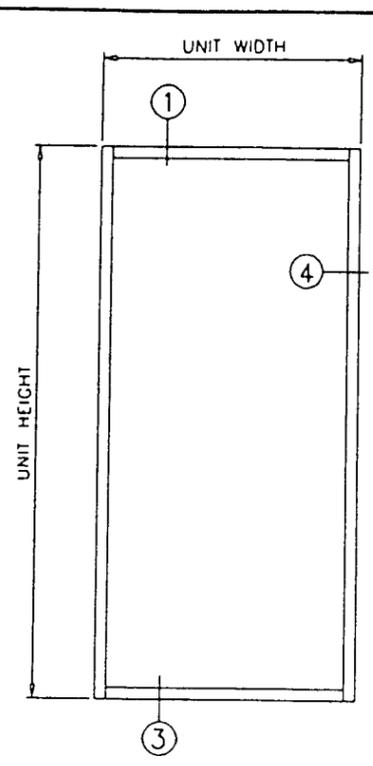
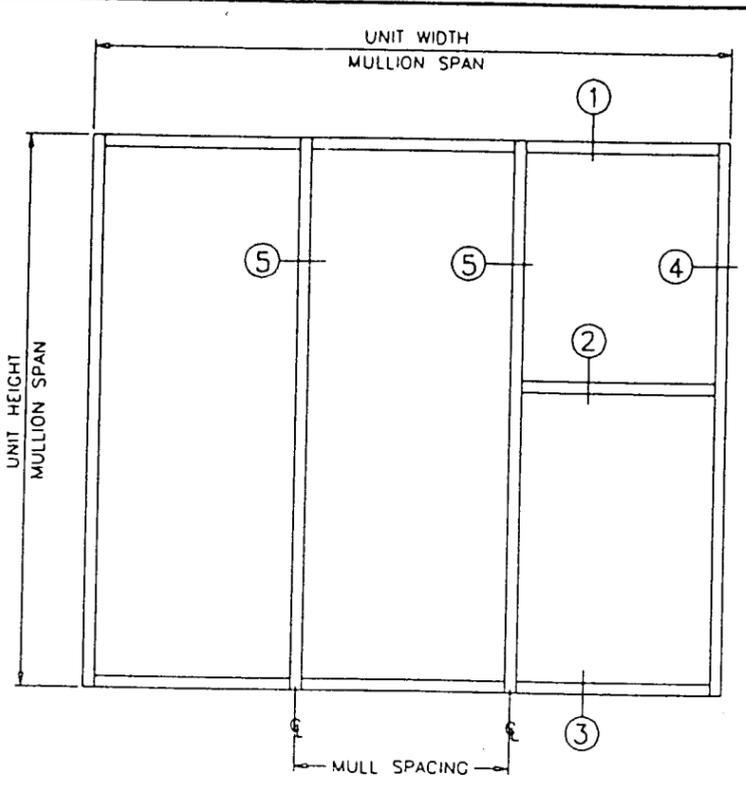
**OIC-018**  
6063-T6



**OIC-019**  
6063-T6



**GSM-379**  
6063-T6



**GLAZING OPTIONS**

- TYPE (A) **LARGE MISSILE IMPACT RESISTANT**  
9/16" OVERALL LAMINATED GLASS = (2) 1/4" TEMP. GLASS WITH .098 MONSANTO SAFLEX P.V.B. IN BETWEEN
- TYPE (B) **SMALL MISSILE IMPACT RESISTANT**  
9/16" OVERALL LAMINATED GLASS = (2) 1/4" TEMP. GLASS WITH .090 MONSANTO SAFLEX P.V.B. IN BETWEEN
- TYPE (C) **SMALL MISSILE IMPACT RESISTANT**  
3/16" SOLID ALUMINUM PANEL (6063-T6)  
MAX. SIZE 56-3/16" X 76-3/4", MAX. Pd = 97.0 PSF

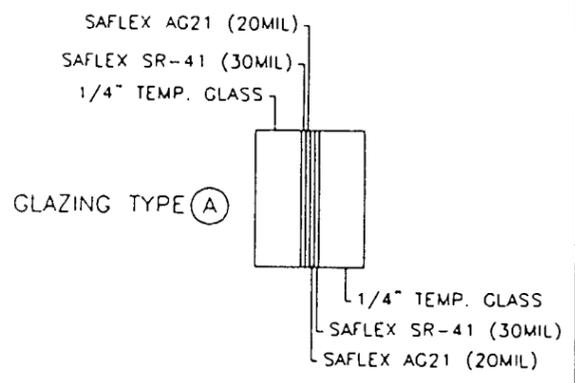
**TYPICAL ANCHORS:**

1/2" Ø KWIK BOLTS W/ 2-1/4" EMBEDMENT INTO CONC.  
(2) Ø EACH SIDE OF MULLION

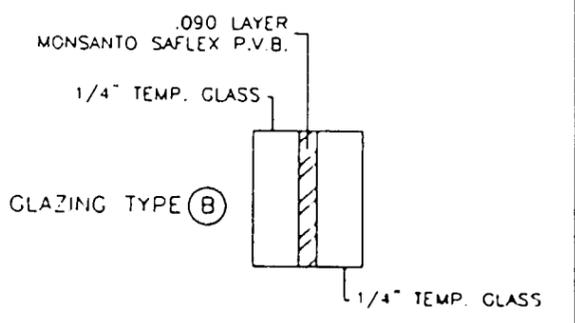
**GENERAL NOTES**

- 1 THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY, ALSO FOR WIND LOADS AS PER ASCE 7-88 USING CORRESPONDING LOADS.
- 2 DESIGN CRITERIA FOR ALUMINUM, MINIMUM MECHANICAL PROPERTIES, AND SAFETY FACTORS ARE IN ACCORDANCE WITH THE "ALUMINUM CONSTRUCTION MANUAL" LATEST EDITION
- 3 ALL EXTRUSIONS SHALL BE ALLOY AND TEMPER AS SHOWN ON DETAILS.
- 4 STEEL SURFACES TO BE PLACED IN CONTACT WITH ALUMINUM SHALL BE PLATED OR PAINTED.
- 5 ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 6 MULLIONS MAY BE USED HORIZONTALLY USING SAME SPANS AS SHOWN IN CHARTS
- 7 DESIGN CRITERIA FOR MULLIONS MAX DEFLECTION ≤ L/180
- 8 ANY ANCHOR OR MULLION CONDITION NOT SHOWN IN THESE DETAILS IS TO BE ENGINEERED SEPARATELY

DESIGN LOADS SHALL BE CALCULATED AS PER REQUIREMENTS OF ASCE 7-88, BASED ON 110 MPH WIND VELOCITY



GLAZING TYPE (A)



GLAZING TYPE (B)

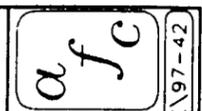
**PRODUCT RENEWED**

ACCEPTANCE No. 01-1203.10  
EXPIRATION DATE DECEMBER 3, 2006  
By [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

Engr. OR HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557

SEP 15 1998

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE December 03, 1998  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-0331-05



**AL-FAROQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

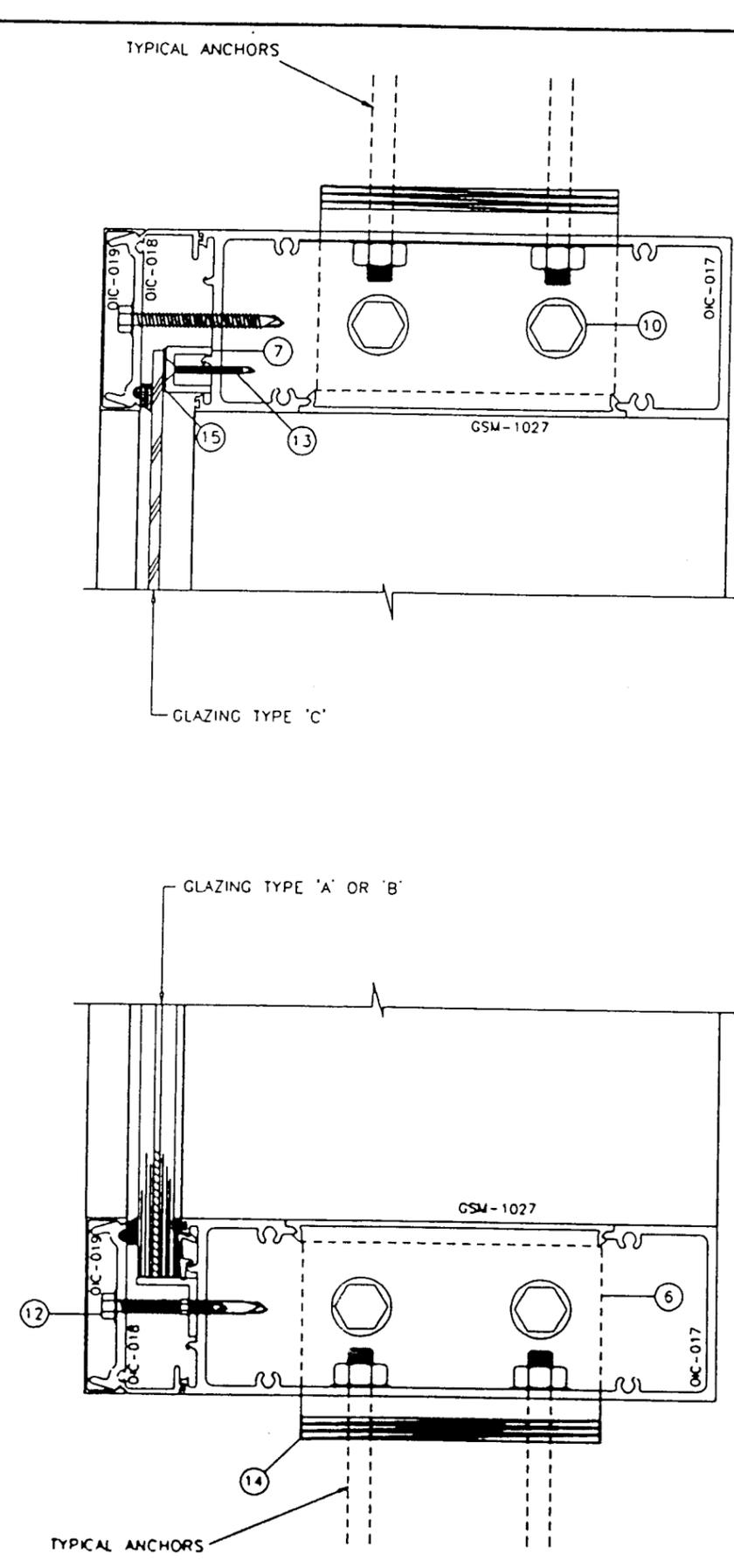
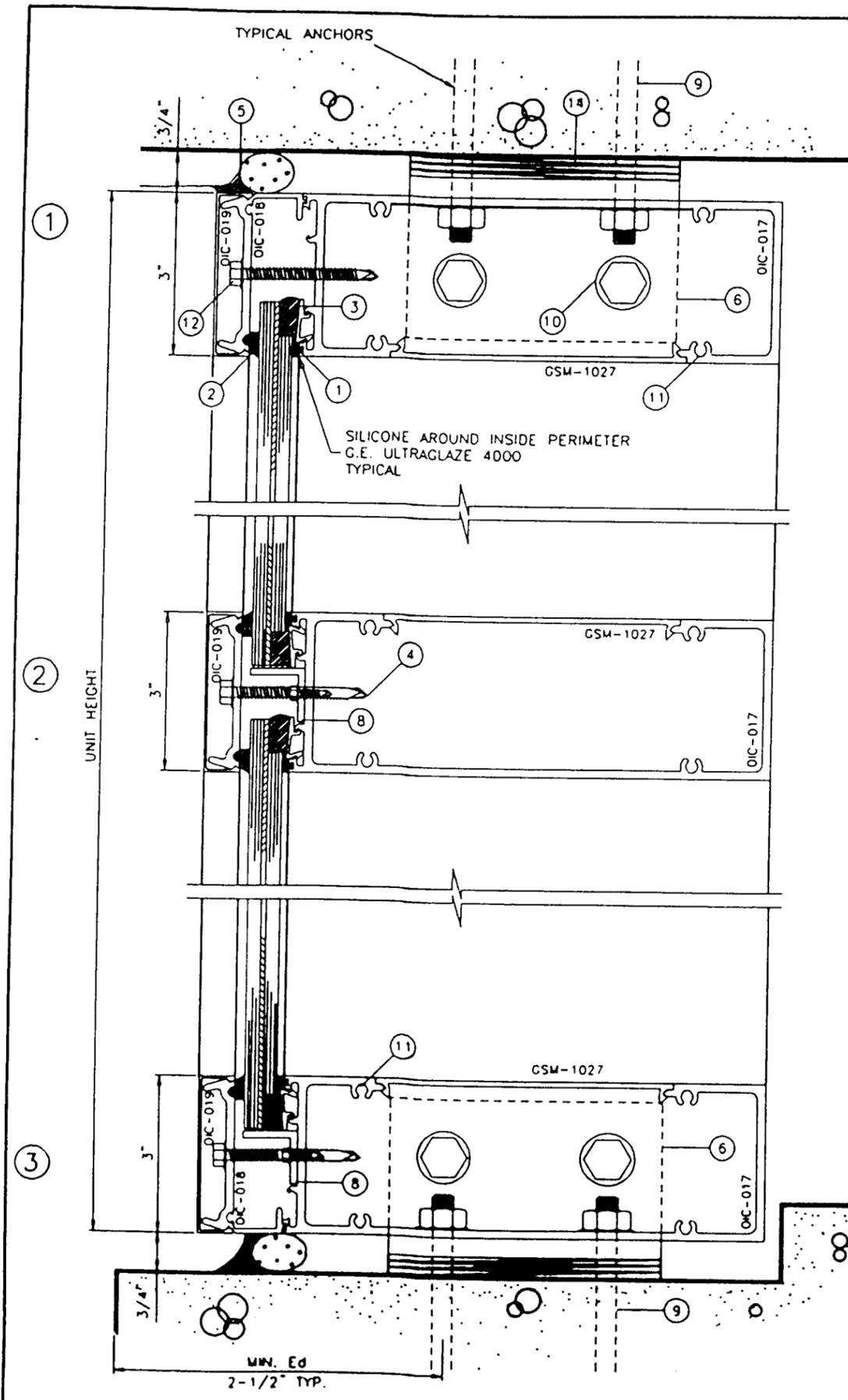
STORE-FRONT/CURTAIN WALL SYSTEM  
OWEN INTERNATIONAL INC.  
2360 WEST 77 TH ST.  
HIALEAH, FL. 33016  
TEL. (305) 828-5465 FAX. (305) 828-5965

Revisions	no	date	by	description
A	1	2-27-98		GENERAL REVISION
B	1	7-15-98		SINGLE MDM ELEV ADDED

date 17-17-97  
scale 3/8" = 1"  
drawn by HMM  
checked by

drawing no.  
**97-42**

sheet 1 of 7



ITEM #	PART #	DESCRIPTION
1	VE1641	GASKET
2	2338	GASKET
3	G.E. 4000	ULTRAGLAZE STRUCTURAL SILICONE
4	-	# 10 X 3/4' TEKS SCREWS @ 18' OC.
5	-	G.E. SILPRUF SEALANT & BACKER ROD
6	-	3 X 4 X 3/8' THK STR. ALUM ANGLE 5' LONG
7	-	3/4 X 3/4 X 1/8' ALUM CHANNEL CONTINUOUS
8	-	1 X 1 X 1/8' THK ALUM ANGLE 4' LONG
9	-	1/2" DIA. KWIK BOLTS
10	-	3/8" DIA. THRU BOLT 1-1/2' LONG
11	-	1/4-20 X 1-1/2' PAN HEAD MACHINE SCREW
12	-	# 14 X 2' TEKS HEX WASHER @ 15' OC.
13	-	# 10 X 1-1/2' TEKS FLAT HAED @ 24' OC.
14	-	HORSE SHOE SHIM AS RECD.
15	-	DOUBLE FACE TAPE

AL-FAROQ CORPORATION  
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STORE-FRONT/CURTAIN WALL SYSTEM  
 OWEN INTERNATIONAL INC.  
 2360 WEST 77 TH ST.  
 HIALEAH, FL. 33016  
 TEL. (305) 828-5465 FAX. (305) 828-5965

**PRODUCT RENEWED**

ACCEPTANCE No. 01-1203.10

EXPIRATION DATE December 31, 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. 98-0331.05

Engr. DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557

SEP 15 1998

revisions	no.	date	by	description

done 12-12-97  
 scale: 1/8" = 1"  
 d. by: MAND  
 cml. by:  
 drawing no. 97-42  
 sheet 2 of 7

afc

**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978

STORE-FRONT/CURTAIN WALL SYSTEM  
**OWEN INTERNATIONAL INC.**  
 2360 WEST 77 TH ST.  
 HIALEAH, FL. 33016  
 TEL. (305) 828-5465 FAX. (305) 828-5965

no.	date	description

date: 12-12-97  
 scale: 3/8" = 1'  
 dr. by: HAMID  
 chk. by:

drawing no.  
**97-42**  
 sheet 3 of 7

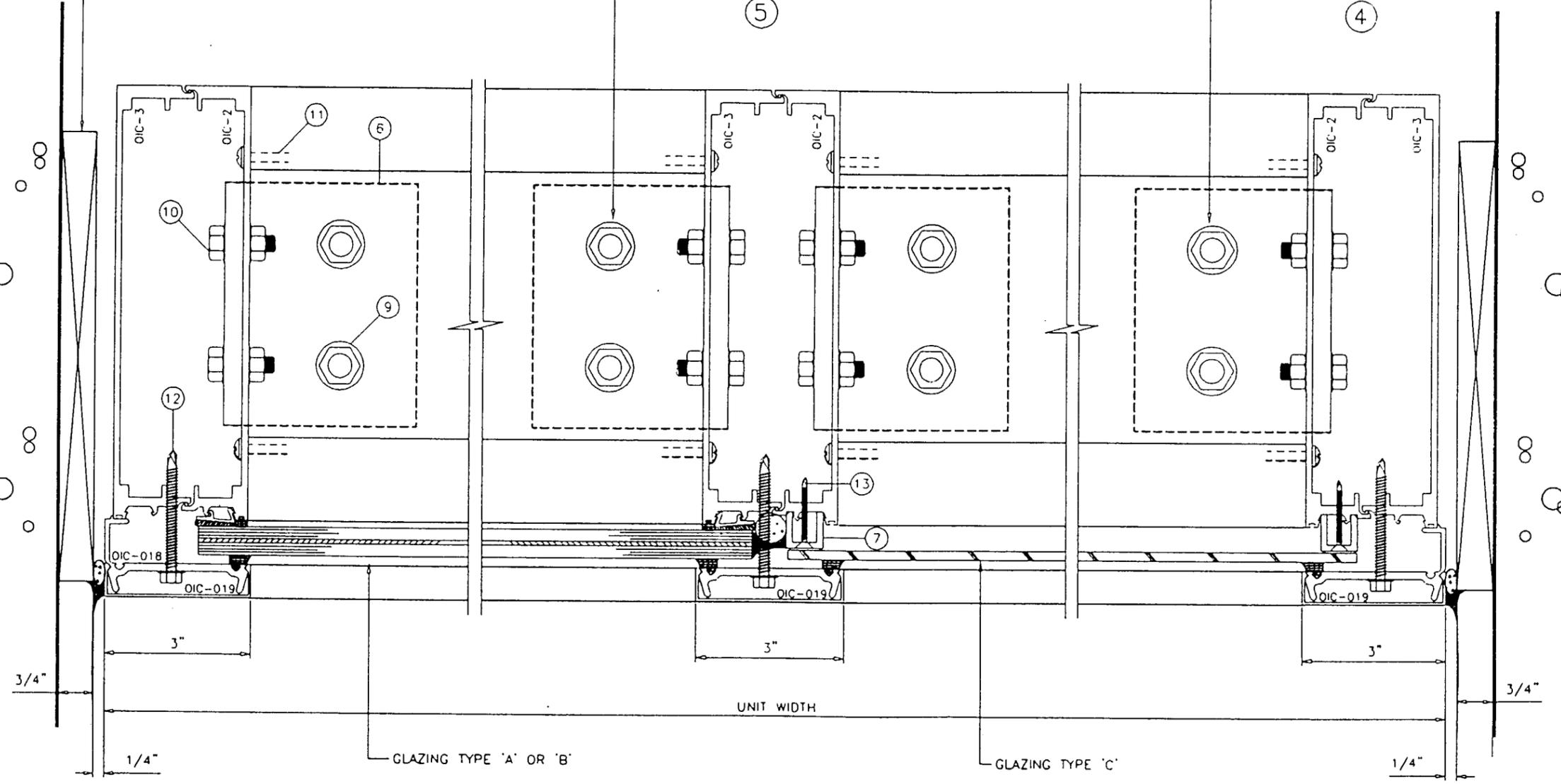
WOOD BUCK FILLER OPTIONAL  
 BY OTHERS

TYPICAL ANCHORS

TYPICAL ANCHORS

5

4



**PRODUCT RENEWED**

ACCEPTANCE No. 01-1203.10

EXPIRATION DATE December 3, 2006

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

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE. 16557

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE

DATE December 03 19 98

BY *[Signature]*  
 PRODUCT CONTROL DIV. S. GN

BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 98 0331-02

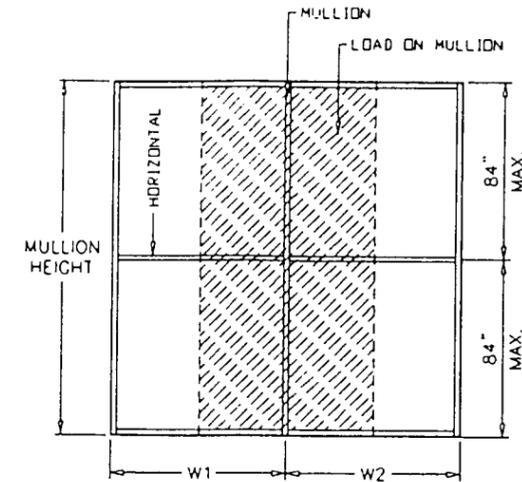
*[Signature]*  
 SEP 15 1998

**NOTE:**  
 JAMBS ARE DESIGNED TO BE ANCHORED  
 AT TOP AND BOTTOM ONLY.

GLAZING TYPE 'A'		
SHUTTERS NOT REQUIRED		
MULLION W/ HORIZONTAL (RECT. LOAD)		
DIMS.	MULLION	MULLION
TRIBUTARY WIDTH	LENGTH	LOAD CAPACITY PSF
30"	72"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	78"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	84"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	90"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	96"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83

GLAZING TYPE 'A'		
SHUTTERS NOT REQUIRED		
MULLION W/ HORIZONTAL (RECT. LOAD)		
DIMS.	MULLION	MULLION
TRIBUTARY WIDTH	LENGTH	LOAD CAPACITY PSF
30"	102"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	108"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	114"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	120"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
-		-

GLAZING TYPE 'A'		
SHUTTERS NOT REQUIRED		
MULLION W/ HORIZONTAL (RECT. LOAD)		
DIMS.	MULLION	MULLION
TRIBUTARY WIDTH	LENGTH	LOAD CAPACITY PSF
30"	126"	83
36"		83
42"		83
48"		83
54"		83
60"		83
-		-
-		-
30"	132"	83
36"		83
42"		83
48"		83
54"		83
60"		83
-		-
-		-
30"	138"	83
36"		83
42"		83
48"		83
54"		83
56"		83
60"		83
-		-
30"	144"	83
36"		83
42"		83
48"		83
54"		83
56"		83
-		-
-		-



FOR MULLIONS WITH HORIZONTALS  
USE RECT. LOAD CHARTS

$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$

**PRODUCT RENEWED**

ACCEPTANCE No. 01-1203.10

EXPIRATION DATE December 3, 2006

By [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557

SOUTH FLORIDA BUILDING CODE

DATE December 03 19 98

BY [Signature]

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 98-0331.05

[Signature]  
SEP 15 1998

*afc*  
**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6875  
STORE/97-4201C

STORE-FRONT/CURTAIN WALL SYSTEM  
**OWEN INTERNATIONAL INC.**  
2360 WEST 77 TH ST.  
HIALEAH, FL. 33016  
TEL. (305) 828-5465 FAX. (305) 828-5965

no.	date	by	description

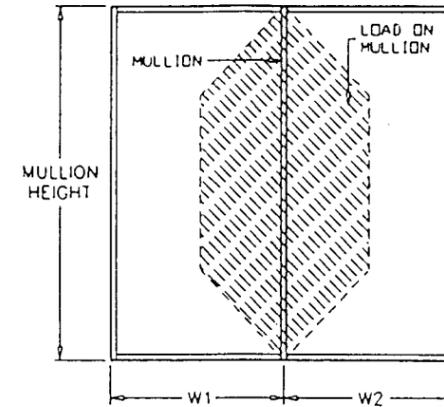
date: 12-12-97  
scale: 3/8" = 1"  
dr. by: HAWID  
chr. by:

drawing no.  
**97-42**  
sheet 4 of 7

GLAZING TYPE 'A'		
SHUTTERS NOT REQUIRED		
MULLION W/O HORIZONTAL (TRAP. LOAD)		
DIMS.	MULLION	MULLION
TRIBUTARY WIDTH	LENGTH	LOAD CAPACITY PSF
30"	72"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	78"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	84"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	90"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	96"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83

GLAZING TYPE 'A'		
SHUTTERS NOT REQUIRED		
MULLION W/O HORIZONTAL (TRAP. LOAD)		
DIMS.	MULLION	MULLION
TRIBUTARY WIDTH	LENGTH	LOAD CAPACITY PSF
30"	102"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	108"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	114"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	120"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83

GLAZING TYPE 'A'		
SHUTTERS NOT REQUIRED		
MULLION W/O HORIZONTAL (TRAP. LOAD)		
DIMS.	MULLION	MULLION
TRIBUTARY WIDTH	LENGTH	LOAD CAPACITY PSF
30"	126"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	132"	83
36"		83
42"		83
48"		83
54"		83
60"		83
66"		83
72"		83
30"	138"	83
36"		83
42"		83
48"		83
54"		83
56"		83
60"		83
72"		83
30"	144"	83
36"		83
42"		83
48"		83
54"		83
56"		83
60"		83
72"		83



FOR MULLIONS W/O HORIZONTALS  
USE TRAP. LOAD CHARTS

$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$

**PRODUCT RENEWED**

ACCEPTANCE No. 01-1203.10

EXPIRATION DATE December 3, 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. 98-0331-05

Engr: DR. HUWAYOUN FAROOQ  
STRUCTURES  
FLA. PE 116557  
[Signature]  
SEP 15 1998

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
STORE 197-4201C

STORE-FRONT/CURTAIN WALL SYSTEM  
OWEN INTERNATIONAL INC.  
2360 WEST 77 TH ST.  
HIALEAH, FL. 33016  
TEL. (305) 828-5465 FAX. (305) 828-5965

no.	date	description

date: 12-12-97  
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dr. by: HAMID  
cht. by:

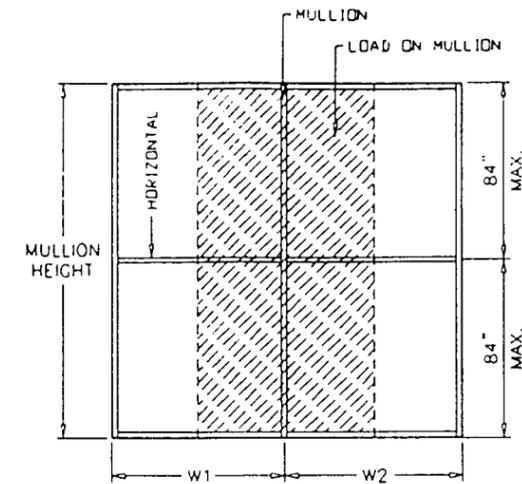
drawing no.  
**97-42**

sheet 5 of 7

GLAZING TYPE 'B'		
SHUTTERS NOT REOD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.		
MULLION W/ HORIZONTAL (RECT. LOAD)		
DIMS.	MULLION	LOAD CAPACITY
TRIBUTARY WIDTH	LENGTH	PSF
30"	72"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
66"		97.7
72"		97.7
30"	78"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
66"		97.7
72"		97.7
30"	84"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
66"		97.7
72"		97.7
30"	90"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
66"		97.7
72"		97.7
30"	96"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
66"		97.7
72"		97.7

GLAZING TYPE 'B'		
SHUTTERS NOT REOD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.		
MULLION W/ HORIZONTAL (RECT. LOAD)		
DIMS.	MULLION	LOAD CAPACITY
TRIBUTARY WIDTH	LENGTH	PSF
30"	102"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
66"		97.7
72"		97.7
30"	108"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
66"		97.7
72"		97.7
30"	114"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
66"		97.7
-		-
30"	120"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
66"		97.7
-		-

GLAZING TYPE 'B'		
SHUTTERS NOT REOD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.		
MULLION W/ HORIZONTAL (RECT. LOAD)		
DIMS.	MULLION	LOAD CAPACITY
TRIBUTARY WIDTH	LENGTH	PSF
30"	126"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
-		-
-		-
30"	132"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
-		-
-		-
30"	138"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
56"		97.7
-		-
-		-
30"	144"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
56"		97.7
-		-
-		-



FOR MULLIONS WITH HORIZONTALS  
USE RECT. LOAD CHARTS

$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$

**PRODUCT RENEWED**

ACCEPTANCE No. 01-1203-10

EXPIRATION DATE December 3, 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. 98-0331-05

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557

[Signature]  
SEP 15 1998

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

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revisions:	no	date	by	description

date: 12-12-97  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

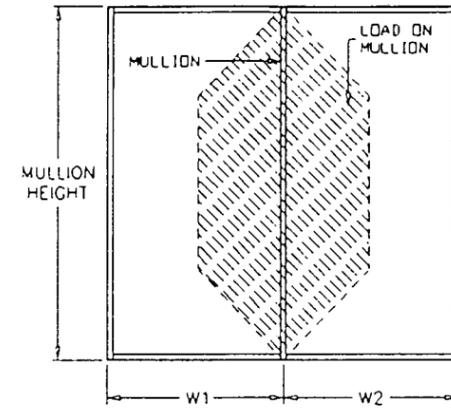
drawing no.  
**97-42**  
sheet 6 of 7

STORE 197-4201C

GLAZING TYPE 'B'		
SHUTTERS NOT REOD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.		
MULLION W/O HORIZONTAL (TRAP. LOAD)		
DIMS. TRIBUTARY WIDTH	MULLION LENGTH	MULLION LOAD CAPACITY PSF
30"	72"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
66"		97.7
72"		97.7
30"	78"	97.7
36"		97.7
42"		97.7
48"		97.7
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54"		97.7
60"		97.7
66"		97.7
72"		97.7
30"	96"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
66"		97.7
72"		97.7

GLAZING TYPE 'B'		
SHUTTERS NOT REOD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.		
MULLION W/O HORIZONTAL (TRAP. LOAD)		
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66"		97.7
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-		-

GLAZING TYPE 'B'		
SHUTTERS NOT REOD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.		
MULLION W/O HORIZONTAL (TRAP. LOAD)		
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30"	126"	97.7
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60"		97.7
-		-
-		-
30"	132"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
60"		97.7
-		-
-		-
30"	138"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
56"		97.7
60"		97.7
-		-
30"	144"	97.7
36"		97.7
42"		97.7
48"		97.7
54"		97.7
56"		97.7
-		-
-		-



FOR MULLIONS W/O HORIZONTALS  
USE TRAP. LOAD CHARTS

$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$

**PRODUCT RENEWED**

ACCEPTANCE No. 01-120310

EXPIRATION DATE December 3, 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. 48-0331-05

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557

SEP 15 1998

*afc*

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no.	date	by	description

date: 12-12-97  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**97-42**

sheet 7 of 7