

**Binnings Pan American**

**ACCEPTANCE No.:** 01-0110.08

**APPROVED** : \_\_\_\_\_

**EXPIRES** : \_\_\_\_\_

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

**1.1** This approves an aluminum fixed window, as described in Section 2 of this Notice of Acceptance, 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 **Specialty Aluminum Fixed Window** <sup>w/ True Muntin</sup> and its components shall be constructed in strict compliance with the following documents: Drawing No. **W99-91**, Sheets 1 through 4 of 4, titled "Specialty Alum Fixed Window W/ Muntins", prepared by Al-Farooq Corporation, dated 12/27/99, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

**3.1** This approval applies to single unit applications only, as shown in approved drawings.  
**3.2** For Design Pressure Rating vs. Window Size, see Comparative Analysis Tables in approved drawings.

**4. INSTALLATION**

**4.1** The aluminum fixed window and its components shall be installed in strict compliance with the approved drawings.  
**4.2** Hurricane protection system (shutters): the installation of this unit **will 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.

\_\_\_\_\_  
Manuel Perez, P.E. Product Control Examiner  
Product Control Division

**Binnings Pan American**

**ACCEPTANCE No.:** 01-0110.08

**APPROVED** : \_\_\_\_\_

**EXPIRES** : \_\_\_\_\_

**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 purposes.
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 needs 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**

\_\_\_\_\_  
Manuel Perez, P.E., Product Control Examiner  
Product Control Division

**Binnings Pan American**

**ACCEPTANCE No.:** 01-0110.08

**APPROVED** : \_\_\_\_\_

**EXPIRES** : \_\_\_\_\_

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

*(For File ONLY. Not part of NOA.)*

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W99-91**, Sheets 1 through 4 of 4, titled "Specialty Alum Fixed Window W/ Muntins", prepared by Al-Farooq Corporation, dated 12/27/99, signed and sealed by Humayoun Farooq, P.E.

**B. TESTS**

1. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94  
2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94  
3) Water Resistance Test, per SFBC, PA 202-94  
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by American Test Lab of South Florida, Test Report No. **ATL-1003.01R**, dated \_\_\_\_\_, signed and sealed by \_\_\_\_\_, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, prepared by Al-Farooq Corporation, dated December 22, 2000, signed and sealed by Humayoun Farooq, P.E.

**D. MATERIAL CERTIFICATIONS**

1. None.

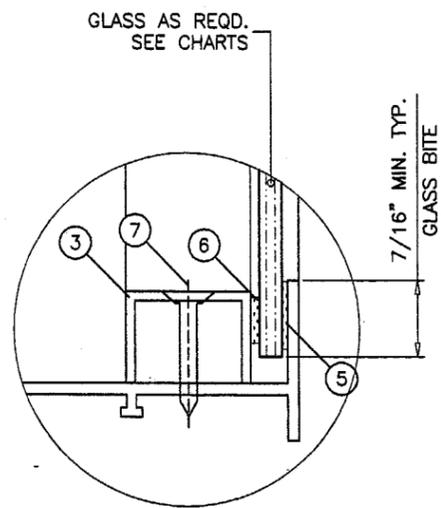
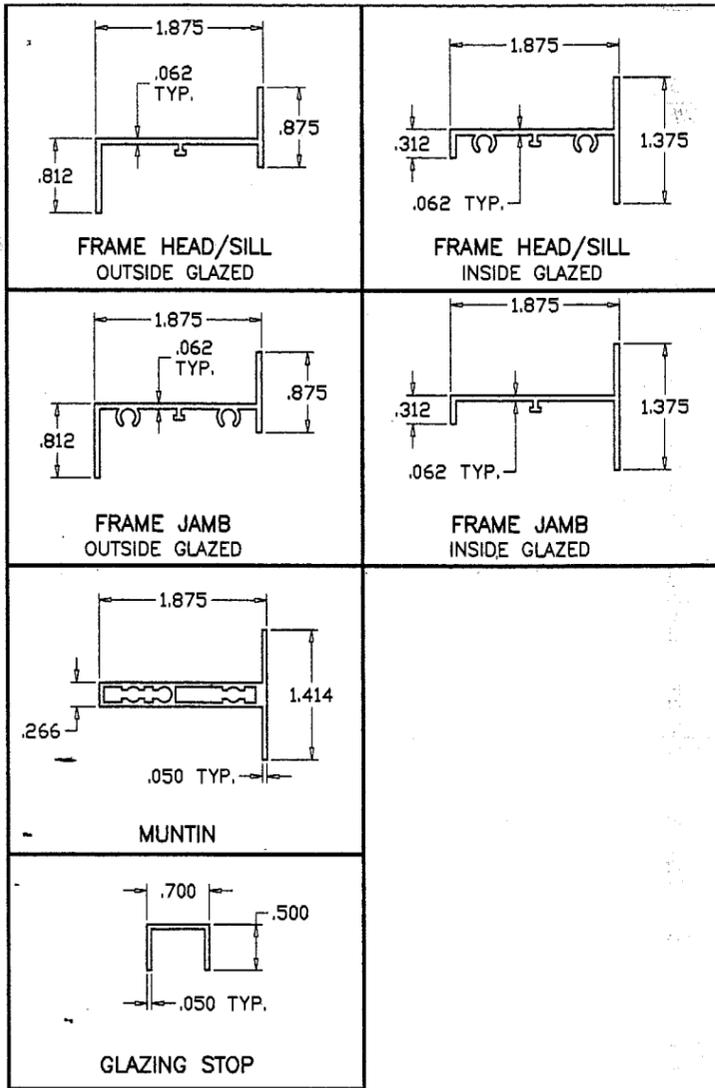
**E. STATEMENTS**

1. Statement letter of conformance, dated December 20, 2000, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated December 20, 2000, signed and sealed by Humayoun Farooq, P.E.
3. Laboratory compliance letter for Test Report no. ATL- \_\_\_\_\_, issued by American Test Lab of South Florida, Inc., dated \_\_\_\_\_, signed and sealed by \_\_\_\_\_, P.E.

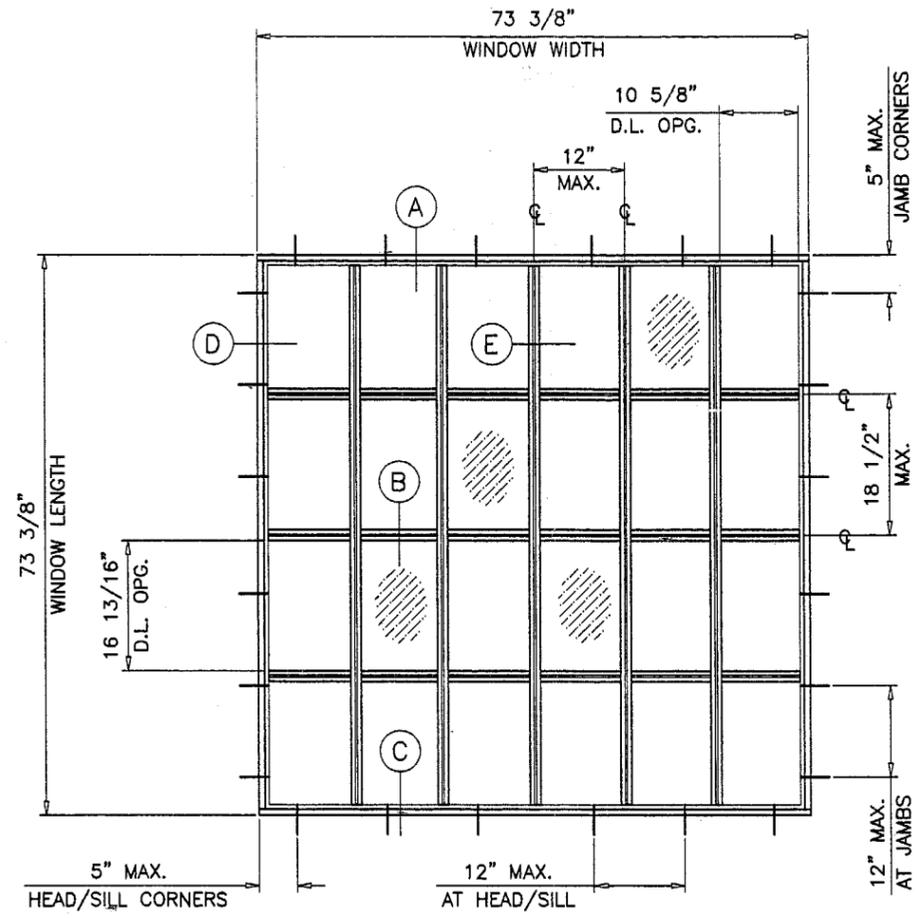
**F. OTHER**

1. None.

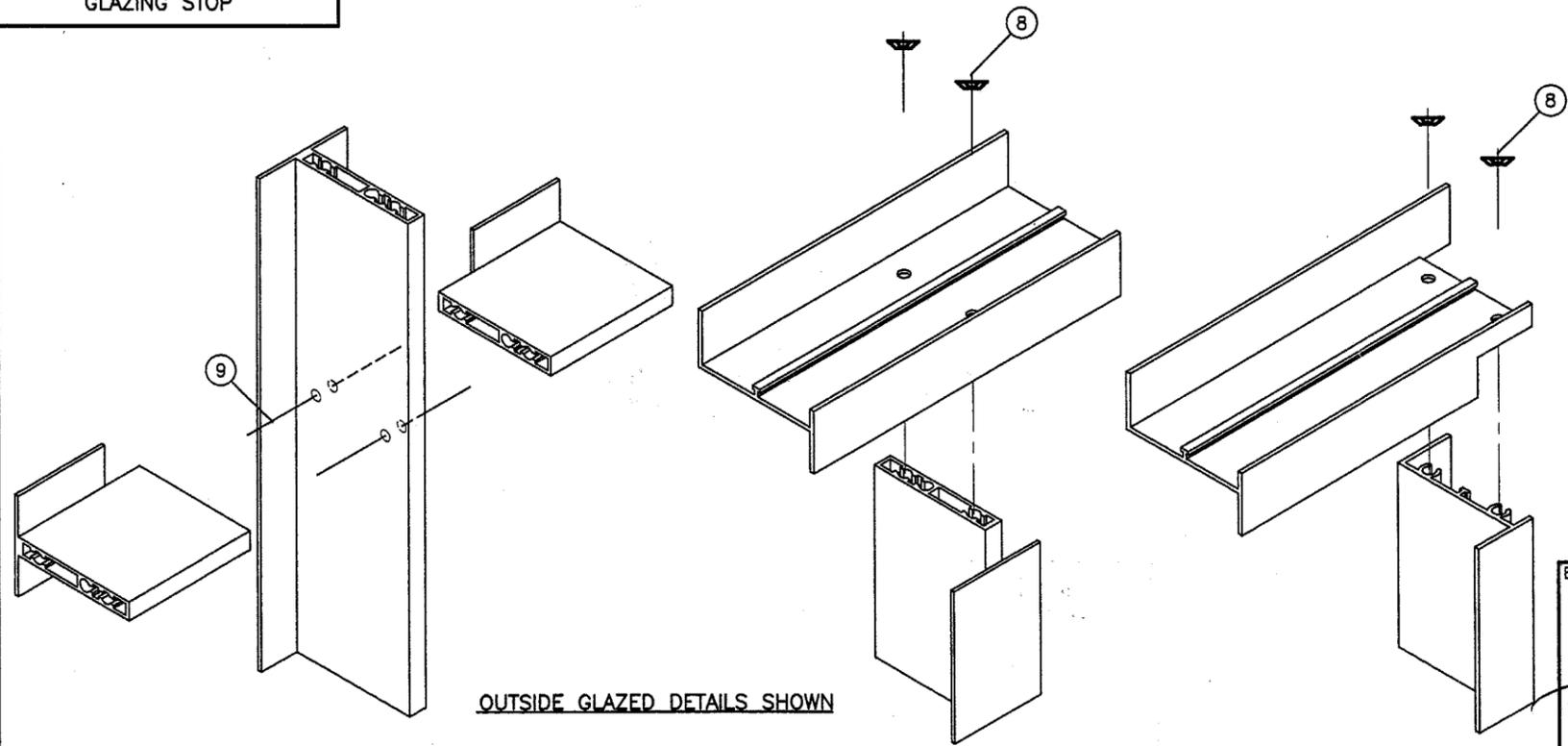
\_\_\_\_\_  
Manuel Perez, P.E. Product Control Examiner  
Product Control Division



**GLAZING DETAIL**



**TYPICAL ELEVATION  
TESTED UNIT**



**MUNTIN INT. DETAIL**

**MUNTIN END DETAIL**

**FRAME CORNER DETAIL**

- 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. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
  3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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

**DEC 26 2000**

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W99-91BP

**SPECIALTY ALUM FIXED WINDOW W/ MUNTINS**  
**BINNINGS PAN AMERICAN**  
2805 N.E. 185 STREET  
MIAMI, FL. 33180  
TEL. (305) 931-2350 FAX. (305) 933-3912

no	date	by	description

date: 12-27-99  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W99-91**  
sheet 1 of 4

01-0110.08

ANCHOR TYPE 'A'

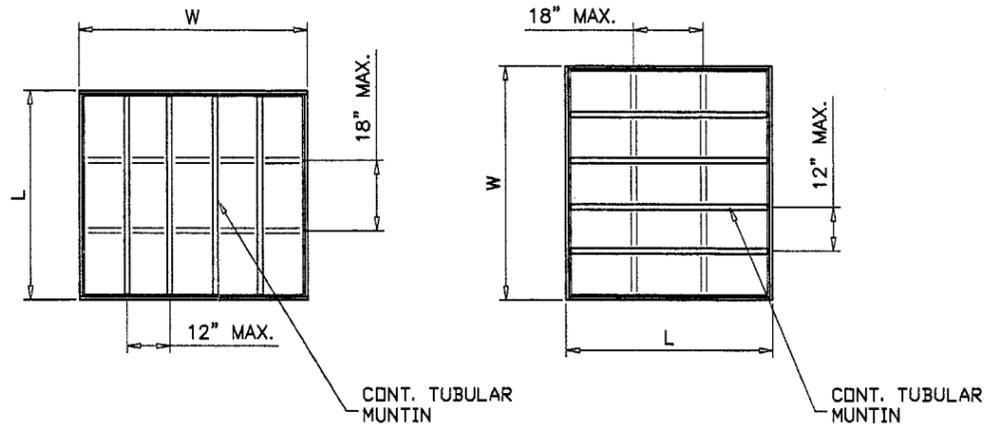
DESIGN LOAD CAPACITY - PSF							
DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQD.							
MAX. WINDOW DIMS.		DSB-ANN. GLASS		3/16"-ANN. GLASS		1/4"-ANN. GLASS	
L	W MAX.	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
24"	120"	67.0	67.0	81.0	81.0	81.0	81.0
30"	120"	64.8	64.8	64.8	64.8	64.8	64.8
36"	120"	54.0	54.0	54.0	54.0	54.0	54.0
42"	120"	46.3	46.3	46.3	46.3	46.3	46.3
48"	112"	40.5	40.5	40.5	40.5	40.5	40.5
54"	99"	36.0	36.0	36.0	36.0	36.0	36.0
60"	89"	32.4	32.4	32.4	32.4	32.4	32.4
66"	81"	29.5	29.5	29.5	29.5	29.5	29.5
72"	74"	27.0	27.0	27.0	27.0	27.0	27.0
74-1/4"	72"	27.0	27.0	27.0	27.0	27.0	27.0

ANCHOR TYPE 'B'

DESIGN LOAD CAPACITY - PSF							
DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQD.							
MAX. WINDOW DIMS.		DSB-ANN. GLASS		3/16"-ANN. GLASS		1/4"-ANN. GLASS	
L	W MAX.	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
24"	120"	67.0	67.0	100.0	121.0	100.0	131.0
30"	120"	67.0	67.0	100.0	104.8	100.0	104.8
36"	120"	67.0	67.0	87.3	87.3	87.3	87.3
42"	120"	67.0	67.0	74.9	74.9	74.9	74.9
48"	112"	65.5	65.5	65.5	65.5	65.5	65.5
54"	99"	58.2	58.2	58.2	58.2	58.2	58.2
60"	89"	52.4	52.4	52.4	52.4	52.4	52.4
66"	81"	47.6	47.6	47.6	47.6	47.6	47.6
72"	74"	43.6	43.6	43.6	43.6	43.6	43.6
74-1/4"	72"	43.6	43.6	43.6	43.6	43.6	43.6

ANCHOR TYPE 'C'

DESIGN LOAD CAPACITY - PSF							
DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQD.							
MAX. WINDOW DIMS.		DSB-ANN. GLASS		3/16"-ANN. GLASS		1/4"-ANN. GLASS	
L	W MAX.	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
24"	120"	67.0	67.0	100.0	121.0	100.0	179.0
30"	120"	67.0	67.0	100.0	121.0	100.0	159.0
36"	120"	67.0	67.0	100.0	121.0	100.0	132.5
42"	120"	67.0	67.0	100.0	113.6	100.0	113.6
48"	112"	67.0	67.0	99.4	99.4	99.4	99.4
54"	99"	67.0	67.0	88.3	88.3	88.3	88.3
60"	89"	67.0	67.0	79.5	79.5	79.5	79.5
66"	81"	67.0	67.0	72.3	72.3	72.3	72.3
72"	74"	66.2	66.2	66.2	66.2	66.2	66.2
74-1/4"	72"	62.7	62.7	62.7	62.7	62.7	62.7



NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

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

DEC 26 2000

afc

AL-FAROOQ CORPORATION  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W99-91BP

SPECIALTY ALUM FIXED WINDOW W/ MUNTINS

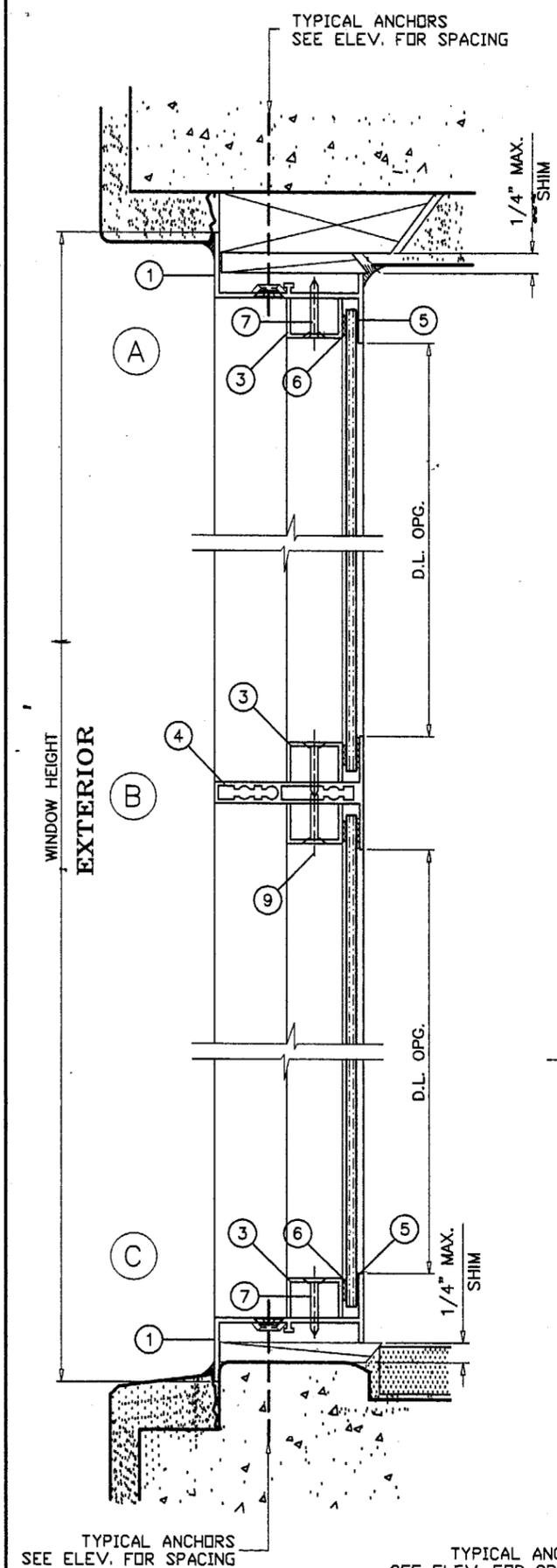
BINNINGS PAN AMERICAN  
2805 N.E. 185 STREET  
MIAMI, FL. 33180  
TEL. (305) 931-2350 FAX. (305) 933-3912

revisions:	no	date	by	description

date: 12-27-99  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
W99-91

sheet 2 of 4



WOOD BUCKS NOT BY BINNINGS PAN AM., MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

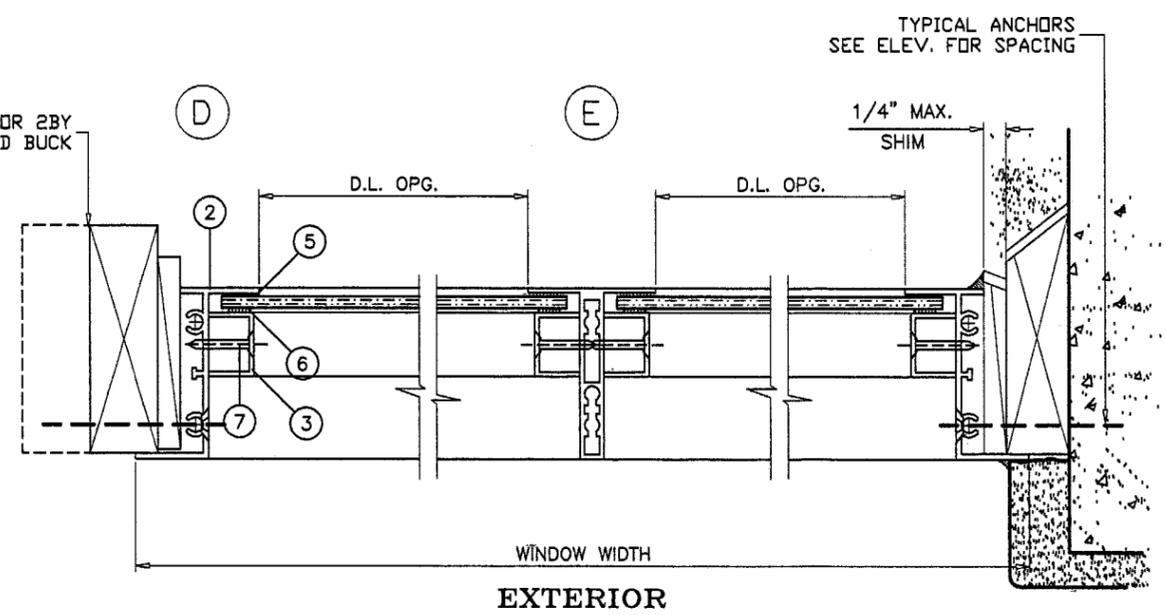
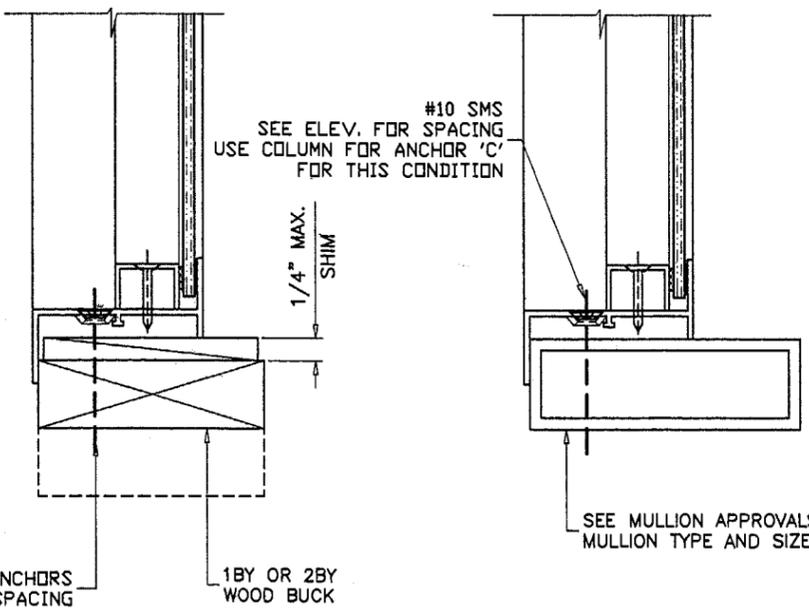
- A) # 10 SMS INTO 2BY WOOD BUCKS OR WOOD STRUCTURE 1" MIN. PENETRATION INTO WOOD
  - B) 3/16" TAPCONS INTO 2BY WOOD BUCKS OR WOOD STRUCTURE 1" MIN. PENETRATION INTO WOOD THRU 1 BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
  - C) 1/4" TAPCONS INTO WOOD STRUCTURE 1-3/4" MIN. PENETRATION INTO WOOD THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- TAPCONS (BY ELCO) OR EQUIV. CONC. ANCHOR HOLDING CURRENT NOTICE OF ACCEPTANCE.

**SEALANTS:**

FRAME CORNERS AND PERIMETER OF GLAZING BEAD SEALED WITH CLEAR/ALUMINUM COLORED SILICONE.

MATERIALS LIST					
ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPLIER/REMARKS
1	08-63	2	FRAME HEAD/SILL	ALUMINUM	6063-T5
2	08-59	2	FRAME JAMB	ALUMINUM	6063-T5
3	08-20	4	GLAZING STOP	ALUMINUM	6063-T5
4	08-62	AS REQD.	TRUE MUNTIN	ALUMINUM	6063-T5
5	899	AS REQD.	GLAZING COMPOUND	SILICONE	DOW CORNING
6	-	AS REQD.	SPACER (1/4" X 3/4" X .050")	NEOPRENE	AT 17" O.C.
7	#8 X 3/4"	2/ SIDE	GLAZING STOP SCREWS	CRS	-
8	#8 X 1"	AS REQD.	FRAME ASSEMBLY SCREWS	CRS	-
9	#8-32 X 2"	AS REQD.	TRUE MUNTIN FASTENERS	CRS	THREADED COMPRESSION STUD

**OUTSIDE GLAZED WINDOW**



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

DEC 26 2000

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

SPECIALTY ALUM FIXED WINDOW W/ MUNTINS  
**BINNINGS PAN AMERICAN**  
2805 N.E. 185 STREET  
MIAMI, FL. 33180  
TEL. (305) 931-2350 FAX. (305) 933-3912

revisions:	no	date	by	description

date: 12-27-99  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W99-91**

MATERIALS LIST						
ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPLIER/REMARKS	
1	08-60	2	FRAME HEAD/SILL	ALUMINUM	6063-T5	
2	08-64	2	FRAME JAMB	ALUMINUM	6063-T5	
3	08-20	4	GLAZING STOP	ALUMINUM	6063-T5	
4	08-62	AS REQD.	TRUE MUNTIN	ALUMINUM	6063-T5	
5	899	AS REQD.	GLAZING COMPOUND	SILICONE	DOW CORNING	
6	-	AS REQD.	SPACER (1/4" X 3/4" X .050")	NEOPRENE	AT 17" O.C.	
7	#8 X 3/4"	2/ SIDE	GLAZING STOP SCREWS	CRS	-	
8	#8 X 1"	AS REQD.	FRAME ASSEMBLY SCREWS	CRS	-	
9	#8-32 X 2"	AS REQD.	TRUE MUNTIN FASTENERS	CRS	THREADED COMPRESSION STUD	

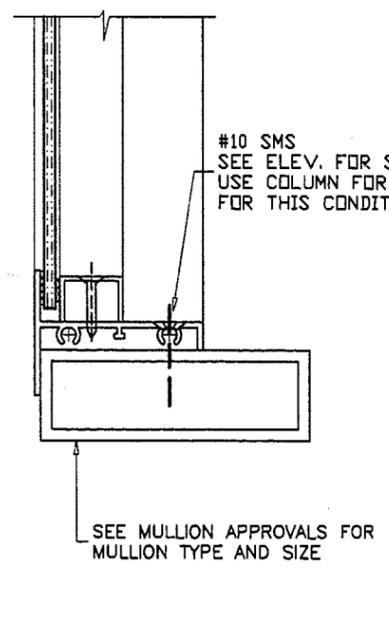
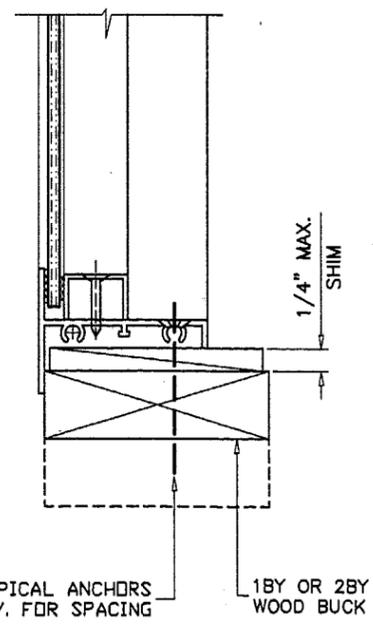
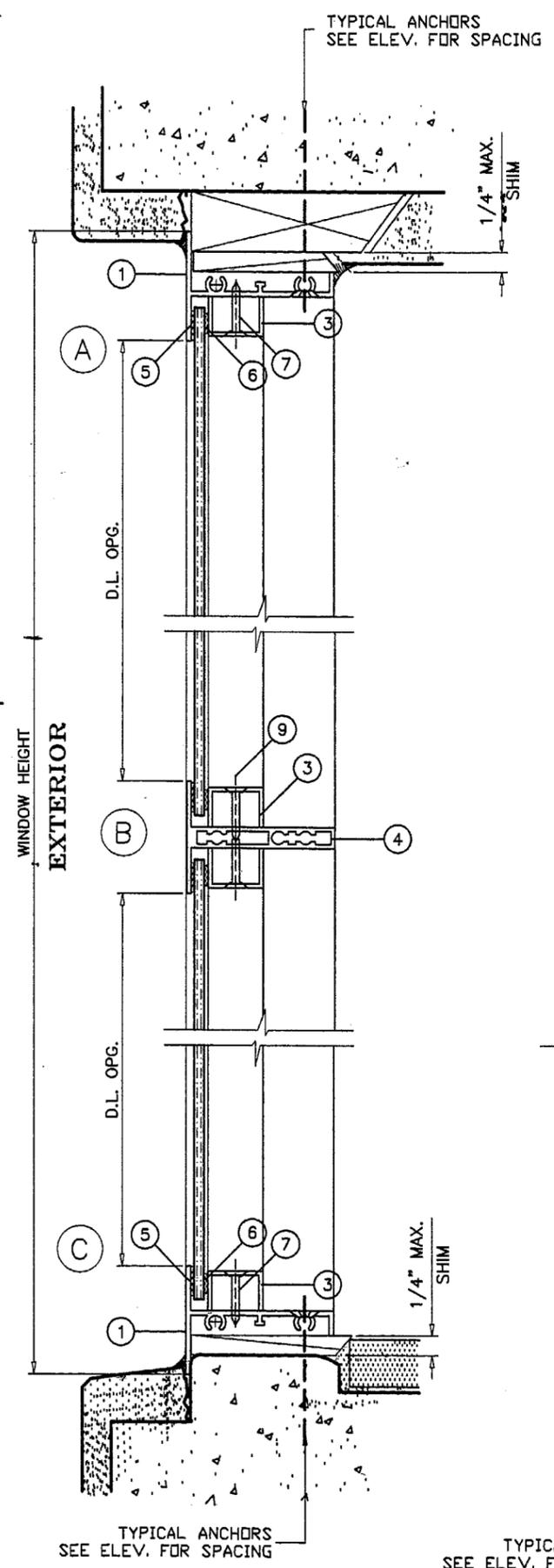
WOOD BUCKS NOT BY BINNINGS PAN AM., MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

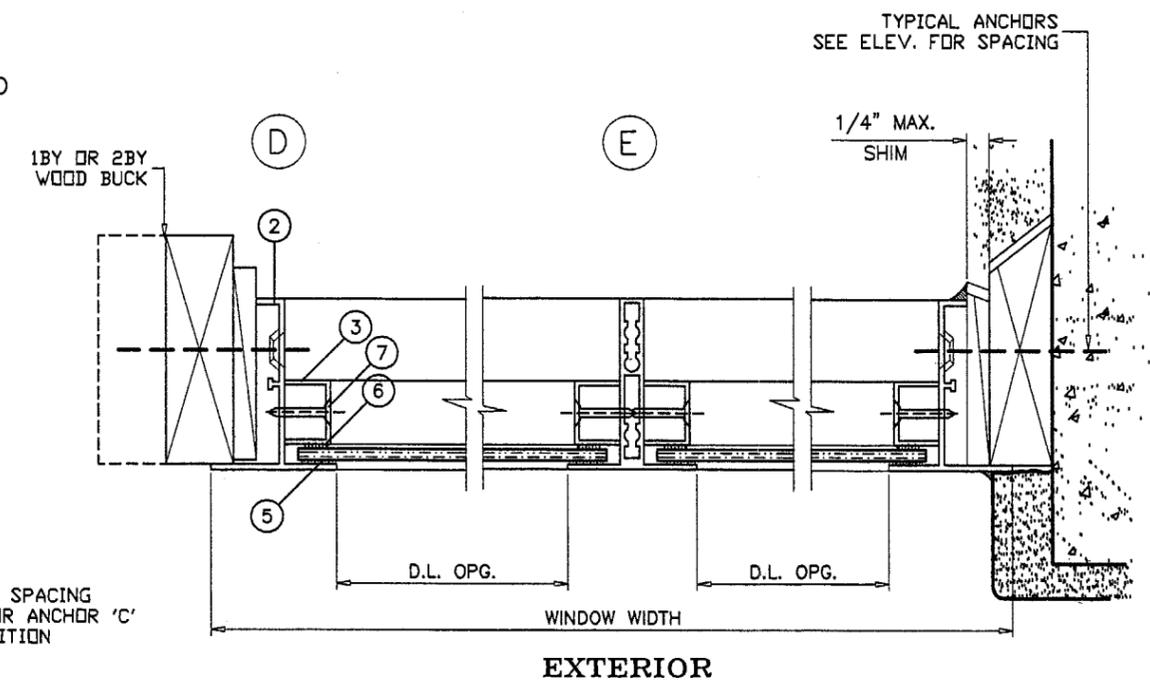
- A) # 10 SMS INTO 2BY WOOD BUCKS OR WOOD STRUCTURE 1" MIN. PENETRATION INTO WOOD
  - B) 3/16" TAPCONS INTO 2BY WOOD BUCKS OR WOOD STRUCTURE 1" MIN. PENETRATION INTO WOOD THRU 1 BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
  - C) 1/4" TAPCONS INTO WOOD STRUCTURE 1-3/4" MIN. PENETRATION INTO WOOD THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- TAPCONS (BY ELCO) OR EQUIV. CONC. ANCHOR HOLDING CURRENT NOTICE OF ACCEPTANCE.

**SEALANTS:**

FRAME CORNERS AND PERIMETER OF GLAZING BEAD SEALED WITH CLEAR/ALUMINUM COLORED SILICONE.



**INSIDE GLAZED WINDOW**



Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
DEC 26 2000

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W99-91BP

**SPECIALTY ALUM FIXED WINDOW W/ MUNTINS**  
**BINNINGS PAN AMERICAN**  
2805 N.E. 185 STREET  
MIAMI, FL. 33180  
TEL. (305) 931-2350 FAX. (305) 933-3912

Revisions:

no	date	by	description

date: 12-27-99  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:   
drawing no. **W99-91**  
sheet 4 of 4