



**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**

**Arch Aluminum & Glass Company**  
**10200 N.W. 67th Street**  
**Tamarac, FL 33321**

Your application for Notice of Acceptance (NOA) of:

**Series "L-3000 Impact Wall" 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.

Raul Rodriguez  
Chief Product Control Division

**ACCEPTANCE NO.: 01-0619.01**  
**EXPIRES: 10/11/2006**

**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: 10/11/2001**

Arch Aluminum & Glass Company

ACCEPTANCE No.: 01-0619.01

APPROVED : OCT 11 2001

EXPIRES : OCT 11 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

**1. SCOPE**

1.1 This approves an aluminum window wall system 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 drawing.

**2. PRODUCT DESCRIPTION**

2.1 The Series "L-3000 Impact Wall" Aluminum Window Wall System – Large Missile Impact Resistant and its components shall be constructed in strict compliance with the following document: Drawing No. W01-27, Sheets 1 thru 7 of 7, titled "L-3000 Aluminum Window Wall System," prepared by Al-Farooq Corporation, dated 5/25/01, last revised on 8/30/01, 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. This document shall hereinafter be referred to as the approved drawing.

**3. LIMITATIONS**

3.1 This approval applies to multiple unit applications of an aluminum window wall system, limited only to the maximum height (span) and mullion spacing; for the Design Pressure Rating shown in approved drawing.

**4. INSTALLATION:**

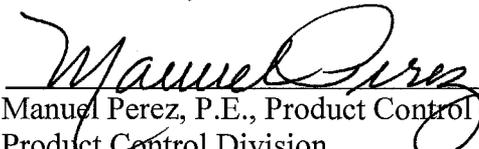
4.1 The aluminum window wall system and its components shall be installed in strict compliance with the approved drawings.  
4.2 Hurricane protection system (shutters): The installation of this unit **will not require** a hurricane protection system.

**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 two 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

Arch Aluminum & Glass Company

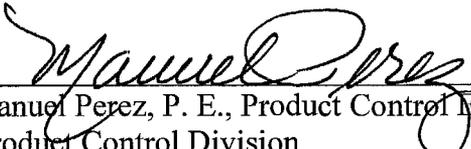
ACCEPTANCE No.: 01-0619.01

APPROVED : OCT 11 2001

EXPIRES : OCT 11 2005

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.

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

**END OF THIS ACCEPTANCE**

Arch Aluminum & Glass L.C.

ACCEPTANCE No.: 01-0329.02

APPROVED : OCT 11 2001

EXPIRES : OCT 11 2006

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**  
***(For File ONLY. Not part of NOA.)***

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W01-27**, Sheets 1 thru 7 of 7, titled "L - 3000 Aluminum Window Wall System", prepared by Al-Farooq Corporation, dated 5/25/01, last revised on 8/30/01 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 Structural load Test, Loading per SFBC, PA 202-94  
3) Water Resistance Test, per SFBC, PA 202-94  
4) Large Missile Impact Test per SFBC, PA 201-94  
5) Cyclic Wind Pressure Loading per SFBC, PA 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-00028**, dated June 27, 2000, signed and sealed by Aldo P. Gonzalez, P.E.

**C. CALCULATIONS**

1. Anchor calculations and structural analysis, prepared by Al-Farooq Corp., dated 5/26/01, signed and sealed by Humayoun Farooq, P.E.

**D. MATERIAL CERTIFICATIONS**

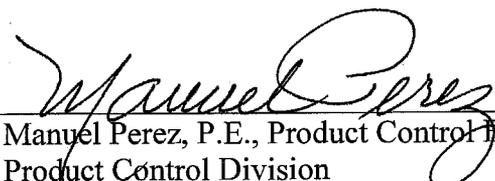
1. Notice of Acceptance No. **98-0608.03** issued to E.I. DuPont DeNemours, for "Sentry Glass Plus" approved on 01/14/1999, expiring on 01/14/2002.

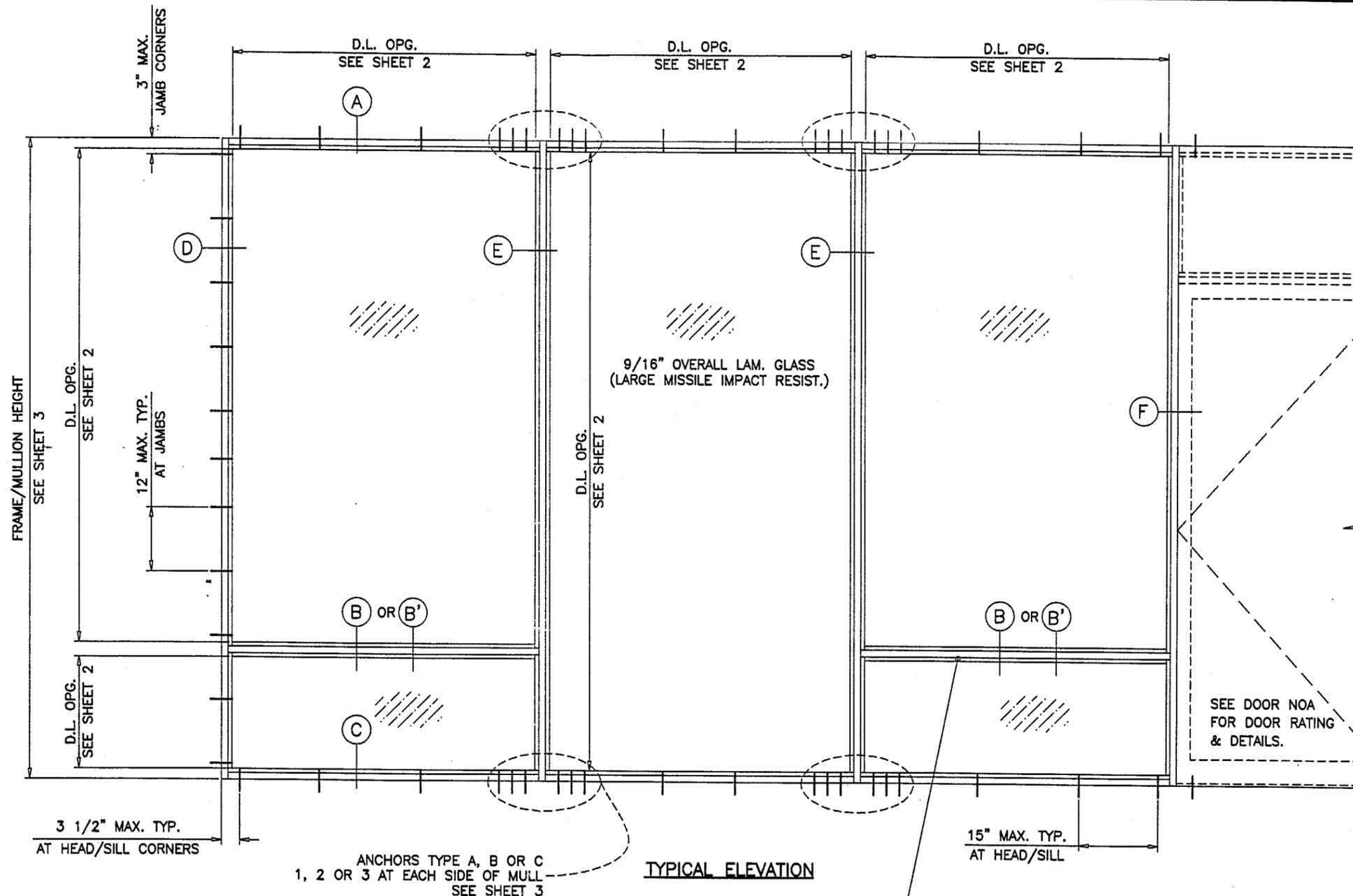
**E. STATEMENTS**

1. Statement letter of compliance, dated September 7, 2001, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated May 30, 2001, signed and sealed by Humayoun Farooq, P.E.

**F. OTHER**

1. None.

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



**SERIES L-3000 (INTERIOR GLAZED)  
ALUMINUM WINDOW WALL SYSTEM**

THIS SYSTEM MAY BE USED IN CONJUNCTION WITH MIAMI DADE COUNTY APPROVED ENTRANCE DOORS.

WINDOW WALL SYSTEM IS RATED FOR LARGE MISSILE IMPACT. SHUTTERS NOT REQUIRED.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7 USING CORRESPONDING LOADS.

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

**INSTRUCTIONS:**

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN LOAD REQUIRED PER ASCE 7. FOR PARTICULAR OPENING.
- STEP 2** SEE CHART ON SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
- STEP 3** SEE SHEET 3 FOR MULLION LOAD DIAGRAMS TO ESTABLISH MULLION SPAN AND AVERAGE WIDTH (W).
- STEP 4** USING CHART ON SHEET 3 SELECT ANCHOR OPTIONS WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.

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

SEP 7 2001

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE OCT 11 2001  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0619-01

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

**L-3000 ALUMINUM WINDOW WALL SYSTEM**  
**ARCH ALUMINUM & GLASS L.C.**  
10200 N.W. 67th street  
TAMARAC, FL. 33321  
TEL. (800) 432-8132 FAX. (954) 724-9293

no	date	by	description
A	08.30.01		REV. PER BCCD COMMENTS

date: 05-25-01  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

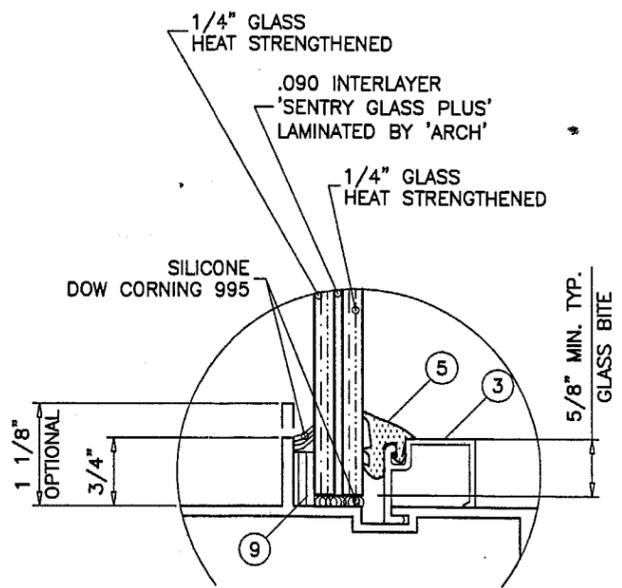
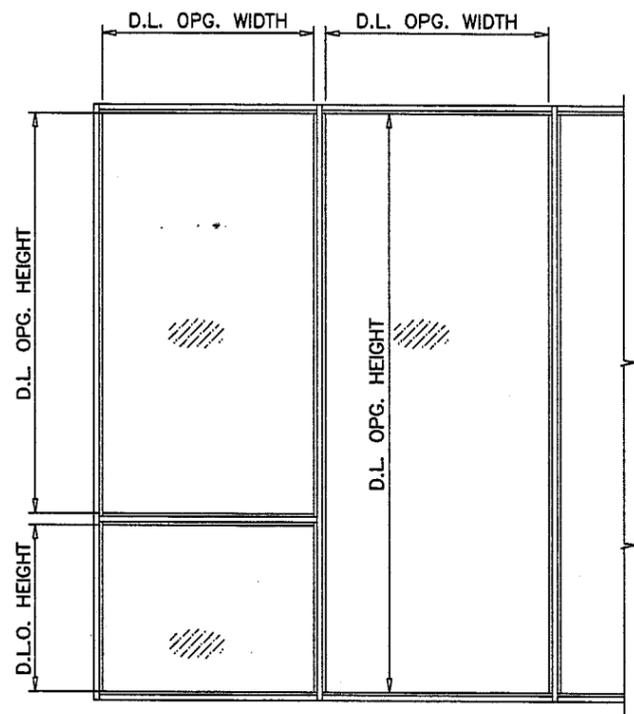
drawing no.  
**W01-27**  
sheet 1 of 6

STORE\01-27AA

9/16" OVERALL LAMINATED GLASS LOAD CAPACITY - PSF

D.L. OPNG. HEIGHT	D.L. OPNG. WIDTH (W)														
	36"	39"	42"	45"	48"	51"	54"	57"	60"	63"	66"	69"	72"	75"	78"
84"	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.0	89.7	85.5	77.8	72.4	84.2	81.5
87"	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	92.5	87.1	82.6	75.1	70.3	81.7	-
90"	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.7	89.4	84.4	80.1	73.3	68.4	-	-
93"	100.0	100.0	100.0	100.0	100.0	99.6	92.4	86.7	81.9	77.5	71.4	-	-	-	-
96"	100.0	100.0	100.0	100.0	100.0	98.1	89.4	84.1	79.3	75.1	69.4	-	-	-	-
99"	100.0	100.0	100.0	100.0	100.0	94.9	86.8	81.6	76.9	73.3	67.0	-	-	-	-
102"	100.0	100.0	100.0	100.0	92.5	85.5	79.2	74.8	71.4	-	-	-	-	-	-
105"	100.0	100.0	100.0	98.4	90.3	83.4	76.8	73.0	69.6	-	-	-	-	-	-
108"	100.0	100.0	100.0	96.3	88.2	81.3	75.6	71.2	67.6	-	-	-	-	-	-
114"	100.0	100.0	100.0	97.0	84.1	77.8	72.4	67.6	-	-	-	-	-	-	-
117"	100.0	100.0	100.0	95.1	82.5	76.3	70.9	-	-	-	-	-	-	-	-
120"	100.0	100.0	100.0	93.1	84.9	74.7	69.4	-	-	-	-	-	-	-	-
123"	100.0	100.0	100.0	91.3	83.5	73.2	68.1	-	-	-	-	-	-	-	-
126"	100.0	100.0	100.0	89.8	82.2	71.8	-	-	-	-	-	-	-	-	-
129"	100.0	100.0	100.0	88.3	80.7	74.2	-	-	-	-	-	-	-	-	-
132"	100.0	100.0	100.0	86.8	79.2	-	-	-	-	-	-	-	-	-	-
135"	100.0	100.0	100.0	90.6	78.0	-	-	-	-	-	-	-	-	-	-
138"	100.0	100.0	98.8	89.2	76.6	-	-	-	-	-	-	-	-	-	-
141"	100.0	100.0	97.3	87.9	-	-	-	-	-	-	-	-	-	-	-
144"	100.0	100.0	95.8	86.5	-	-	-	-	-	-	-	-	-	-	-

GLASS



9/16" OVERALL LAMINATED GLASS  
LARGE MISSILE IMPACT RESISTANT  
SHUTTERS NOT REQUIRED

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

SEP 07 2001

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE OCT 11 2001  
BY Maamun Farooq  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0619-01

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no	date	description

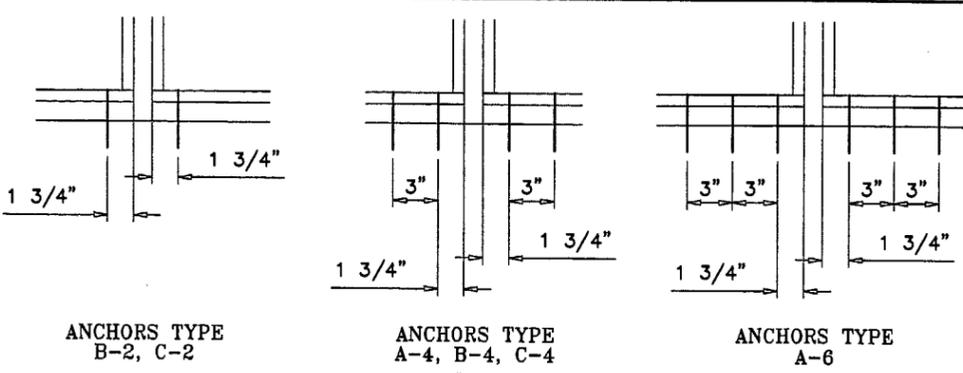
revisions:

date: 05-25-01  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no. **W01-27**  
sheet 2 of 6

NOMINAL DIMS.		DESIGN LOAD CAPACITY - PSF EXTERIOR (+) AND INTERIOR (-)			
WIDTH (W)	FRAME HEIGHT	ANCHOR TYPES			
		A-4	A-6	B-2 / C-2	B-4 / C-4
36"	96"	100.0	100.0	100.0	100.0
39"		100.0	100.0	100.0	100.0
42"		99.1	100.0	100.0	100.0
45"		94.4	100.0	100.0	100.0
48"		90.3	100.0	100.0	100.0
51"		86.8	100.0	98.7	100.0
54"		83.8	100.0	95.2	100.0
57"		81.1	100.0	92.2	100.0
60"		78.8	100.0	89.6	100.0
63"		76.8	100.0	87.3	100.0
66"	75.1	100.0	85.3	100.0	
69"	73.6	100.0	83.6	100.0	
72"	72.3	100.0	82.1	100.0	
75"	71.2	100.0	80.9	100.0	
36"	102"	100.0	100.0	100.0	100.0
39"		97.0	100.0	100.0	100.0
42"		91.8	100.0	100.0	100.0
45"		87.3	100.0	99.2	100.0
48"		83.4	100.0	94.8	100.0
51"		80.0	100.0	90.9	100.0
54"		77.1	100.0	87.6	100.0
57"		74.5	100.0	84.7	100.0
60"		72.3	100.0	82.1	100.0
63"		70.3	100.0	79.9	100.0
66"	68.6	100.0	77.9	100.0	
69"	67.0	100.0	76.2	100.0	
36"	108"	96.4	100.0	100.0	100.0
39"		90.5	100.0	100.0	100.0
42"		85.4	100.0	97.1	100.0
45"		81.1	100.0	92.2	100.0
48"		77.4	100.0	88.0	100.0
51"		74.2	100.0	84.3	100.0
54"		71.4	100.0	81.1	100.0
57"		68.9	100.0	78.3	100.0
60"		66.7	100.0	75.8	100.0
63"		64.8	97.2	73.6	100.0
66"	63.1	94.6	71.7	100.0	
36"	114"	90.3	100.0	100.0	100.0
39"		84.7	100.0	96.3	100.0
42"		79.9	100.0	90.8	100.0
45"		75.8	100.0	86.2	100.0
48"		72.3	100.0	82.1	100.0
51"		69.2	100.0	78.6	100.0
54"		66.5	99.7	75.5	100.0
57"		64.1	96.1	72.8	100.0
60"		61.9	92.9	70.4	100.0
63"		60.1	90.1	68.3	100.0
36"	120"	85.0	100.0	96.6	100.0
39"		79.7	100.0	90.5	100.0
42"		75.1	100.0	85.3	100.0
45"		71.2	100.0	80.9	100.0
48"		67.8	100.0	77.0	100.0
51"		64.8	97.2	73.6	100.0
54"		62.2	93.2	70.7	100.0
57"		59.9	89.8	68.0	100.0
60"		57.8	86.7	65.7	100.0

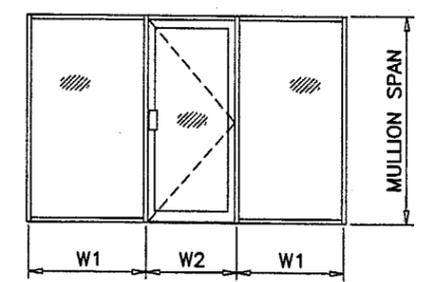
NOMINAL DIMS.		DESIGN LOAD CAPACITY - PSF EXTERIOR (+) AND INTERIOR (-)				
WIDTH (W)	FRAME HEIGHT	ANCHOR TYPES				
		A-4	A-6	B-2 / C-2	B-4 / C-4	
36"	126"	80.3	100.0	91.3	100.0	
39"		75.2	100.0	85.4	100.0	
42"		70.8	100.0	80.5	100.0	
45"		67.0	100.0	76.2	100.0	
48"		63.8	95.6	72.5	100.0	
51"		60.9	91.4	69.2	100.0	
54"		58.4	87.6	66.4	96.0	
57"		56.2	84.3	63.8	90.9	
36"		132"	76.1	100.0	86.5	100.0
39"			71.2	100.0	80.9	100.0
42"	67.0		100.0	76.1	100.0	
45"	63.4		95.0	72.0	100.0	
48"	60.2		90.3	68.4	93.9	
51"	57.5		86.2	65.3	88.4	
54"	55.1		82.6	62.6	83.5	
36"	138"		72.3	100.0	82.1	100.0
39"			67.6	100.0	76.8	100.0
42"			63.5	93.9	72.2	93.9
45"		60.1	87.7	68.3	87.7	
48"		57.1	82.2	64.8	82.2	
51"		54.4	77.4	61.8	77.4	
36"		144"	68.8	96.5	78.2	96.5
39"			64.3	89.0	73.1	89.0
42"			60.4	82.7	68.7	82.7
45"			57.1	77.2	64.9	77.2
48"	54.2		72.3	61.6	72.3	



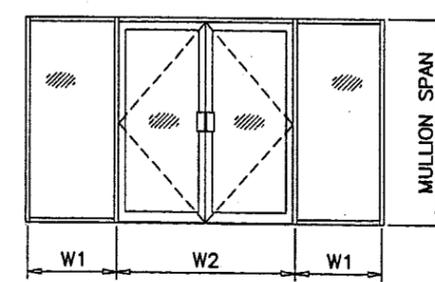
A-4 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION  
A-6 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION  
B-2 = (1) ANCHOR TYPE 'B' AT EACH SIDE OF MULLION  
B-4 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION  
C-2 = (1) ANCHOR TYPE 'C' AT EACH SIDE OF MULLION  
C-4 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION  
ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

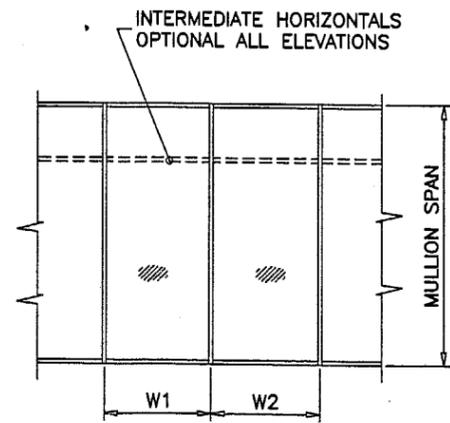
- A) 1/4" DIA TAPCONS  
INTO WOOD STRUCTURES  
WITH 1-3/4" MIN. PENETRATION INTO WOOD  
THRU WOOD BUCKS INTO MASONRY  
WITH 1-1/4" MIN. EMBED INTO MASONRY
- B) 1/4" DIA TAPCONS  
DIRECTLY INTO MASONRY  
WITH 1-1/4" MIN. EMBED INTO MASONRY
- C) #14 SMS OR SELF DRILLING (TEKS) SCREWS  
INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)  
STEEL : Fy = 36 KSI MIN.  
ALUMINUM : 6063-T5 MIN.



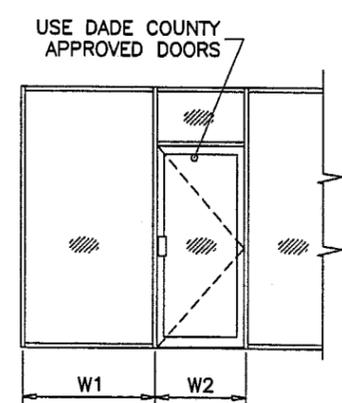
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



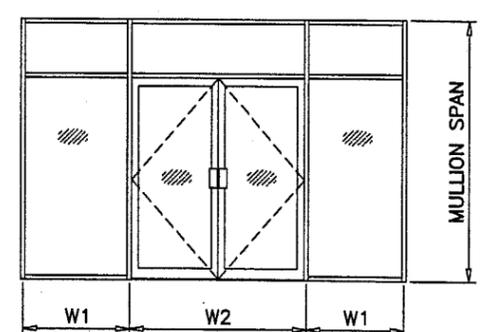
$$\text{WIDTH (W)} = \frac{W1}{2} + \frac{W2}{4}$$



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
SEP 07 2001

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE OCT 11 2001  
BY *Manuel Siles*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0619-01

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
STORE 01-27AA

**ARCH ALUMINUM & GLASS L.C.**  
10200 N.W. 67th street  
TAMARAC, FL. 33321  
TEL (800) 432-8132 FAX (954) 724-9293

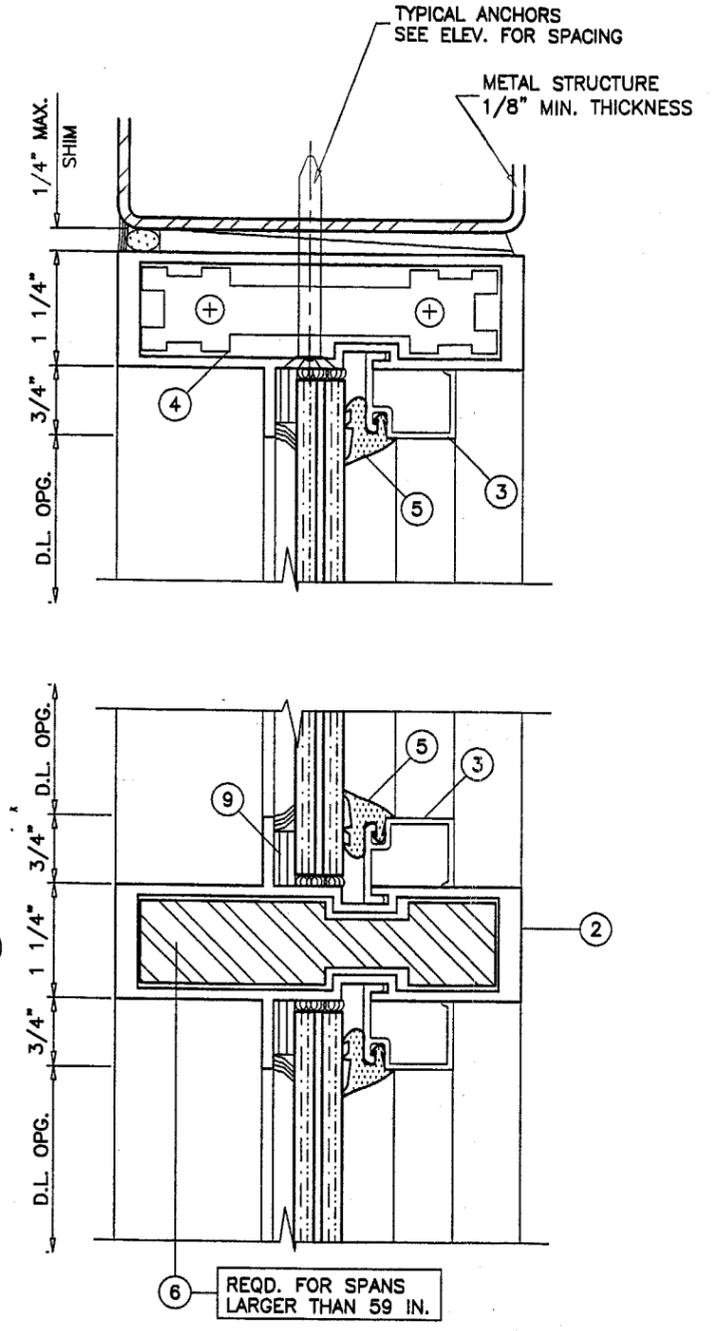
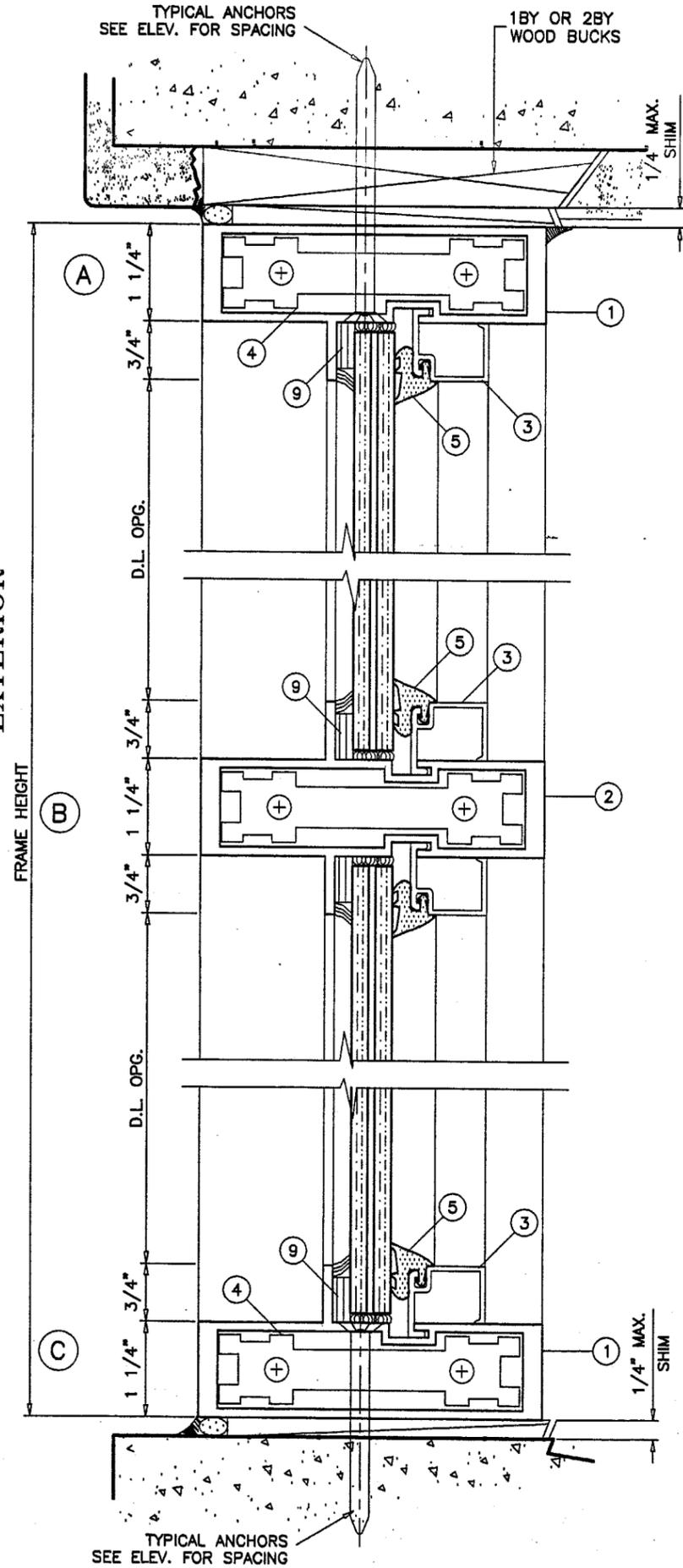
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no date by description

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dr. by: HAMID  
chk. by:

drawing no.  
**W01-27**

sheet 3 of 6

EXTERIOR



WOOD BUCKS NOT BY ARCH ALUM, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

SEALANTS:

GLAZING BEAD AT FRAME SILL SEALED TO GLASS WITH DOW CORNING 995.  
FRAME CORNERS SEALED WITH DOW CORNING 999.

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

SEP 7 2001

APPROVED AS COMPLYING WITH THE  
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*afc*

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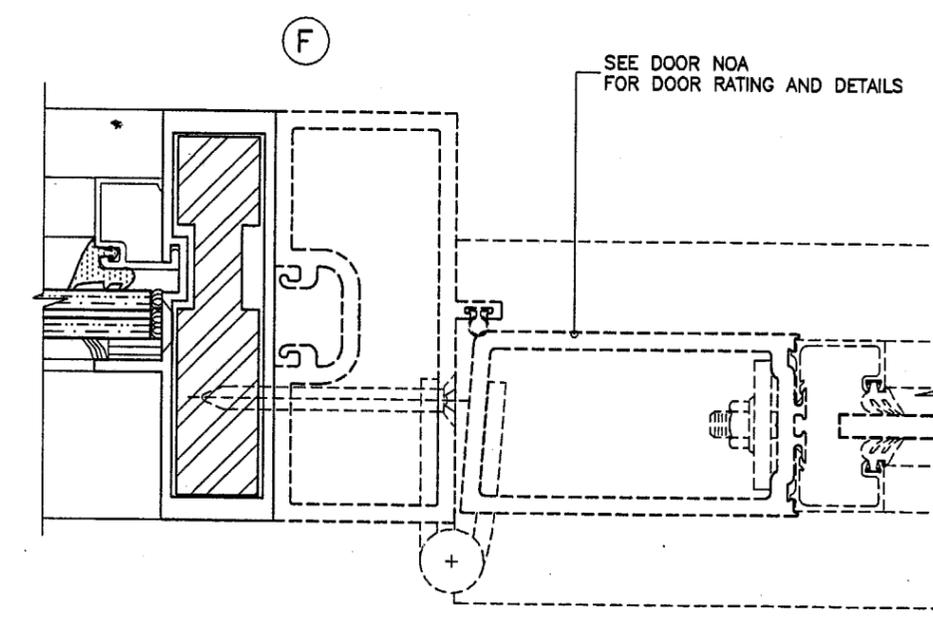
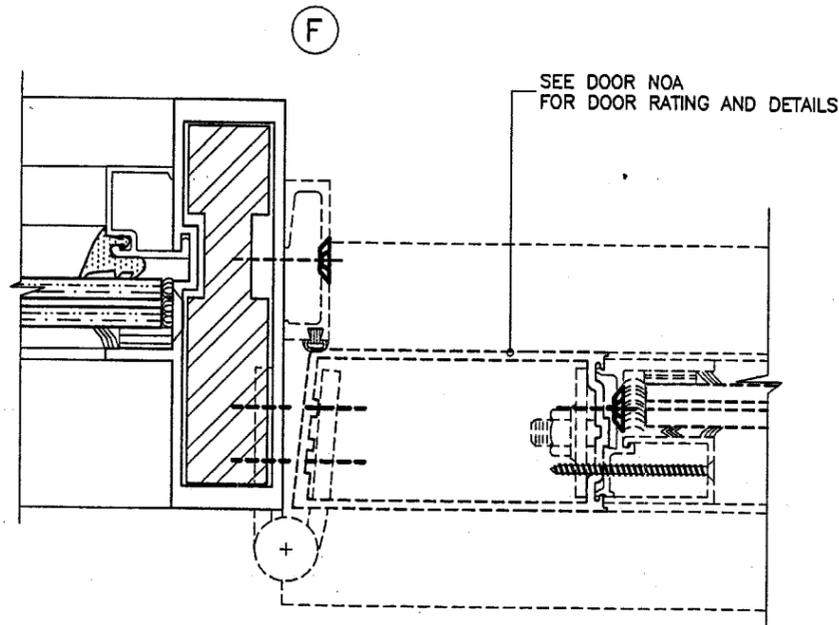
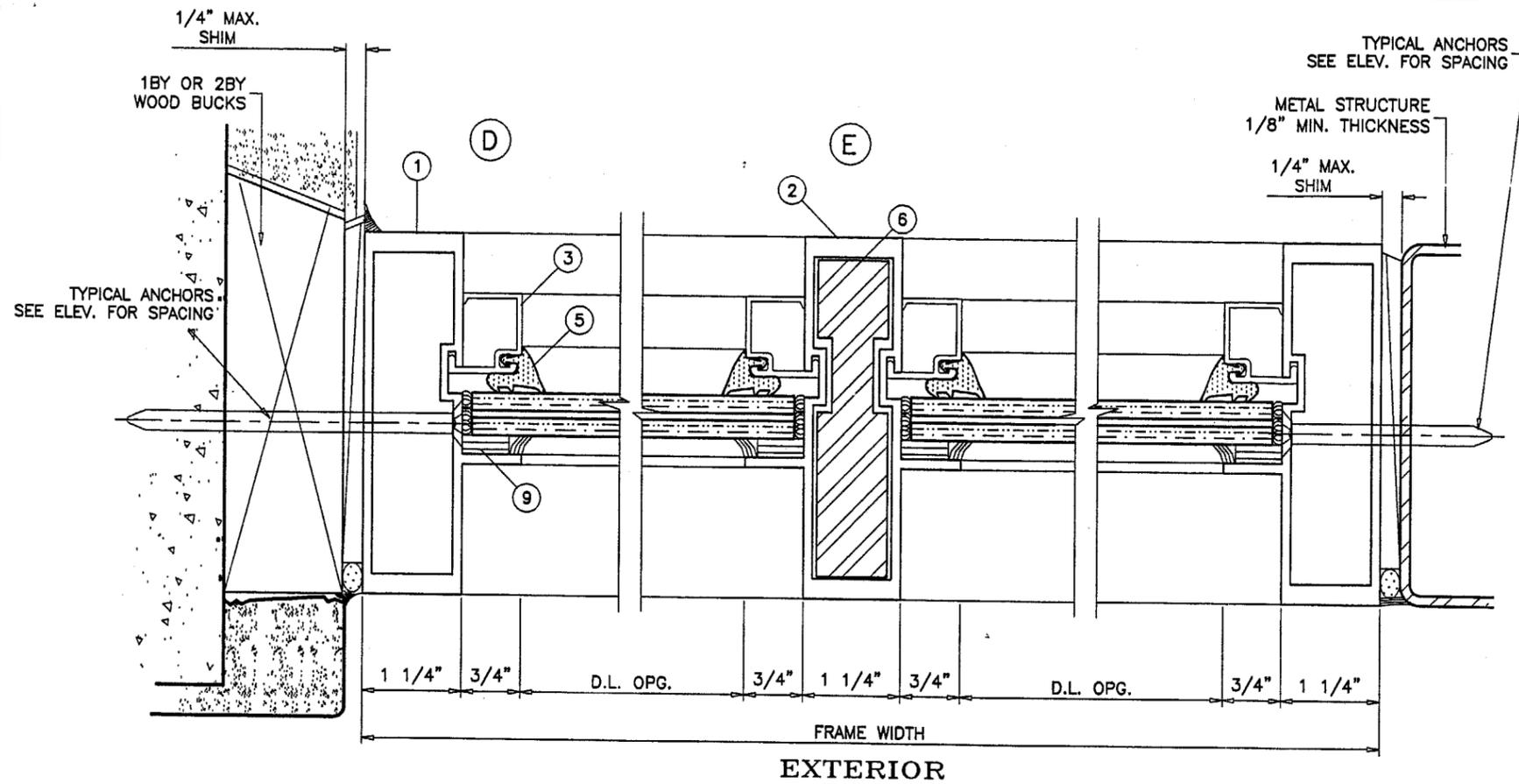
L-3000 ALUMINUM WINDOW WALL SYSTEM  
**ARCH ALUMINUM & GLASS L.C.**  
10200 N.W. 67th street  
TAMARAC, FL. 33321  
TEL. (800) 432-8132 FAX. (954) 724-9293

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**W01-27**

sheet 4 of 6



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

SEP 07 2001

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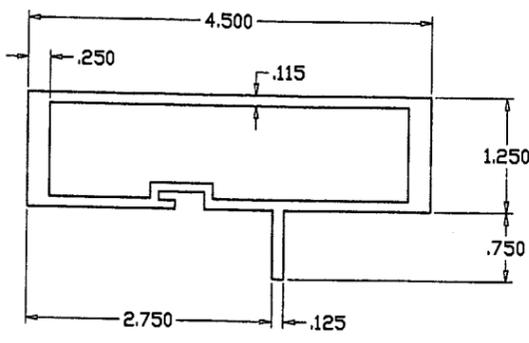
L-3000 ALUMINUM WINDOW WALL SYSTEM  
**ARCH ALUMINUM & GLASS LC.**  
10200 N.W. 67th street  
TAMARAC, FL. 33321  
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revisions: no	date	by	description

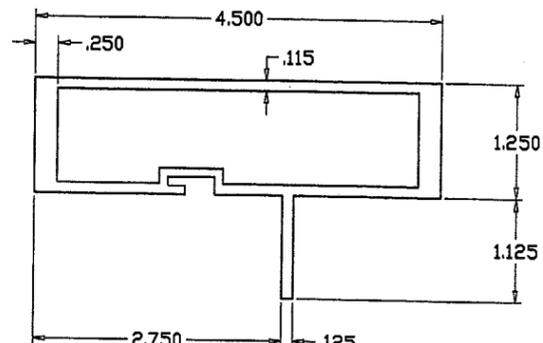
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chk. by:

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sheet 5 of 6

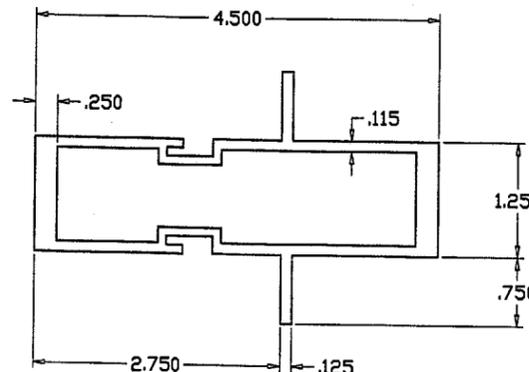
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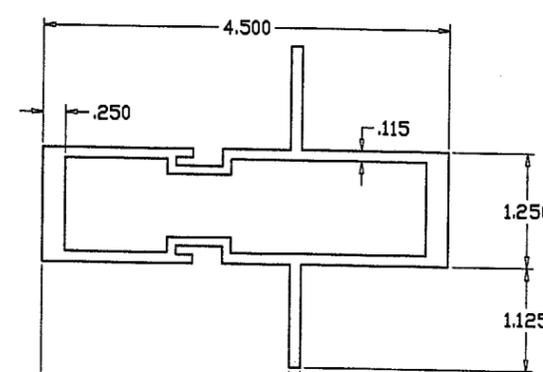
FRAME HEAD/SILL/JAMB



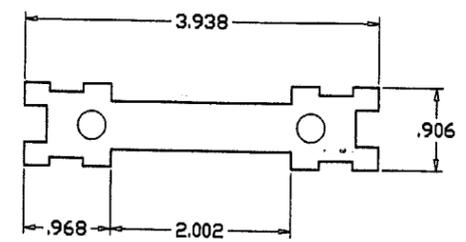
ALT. FRAME HEAD/SILL/JAMB



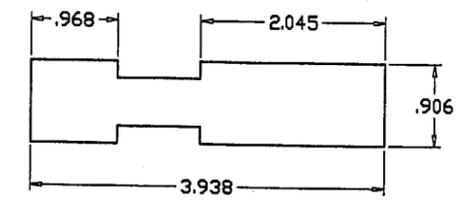
FRAME INTERMEDIATE MULLION



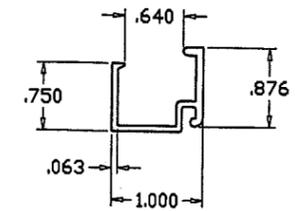
ALT. FRAME INTERMEDIATE MULLION



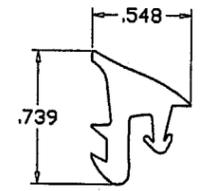
SHEAR BLOCK



REINFORCEMENT

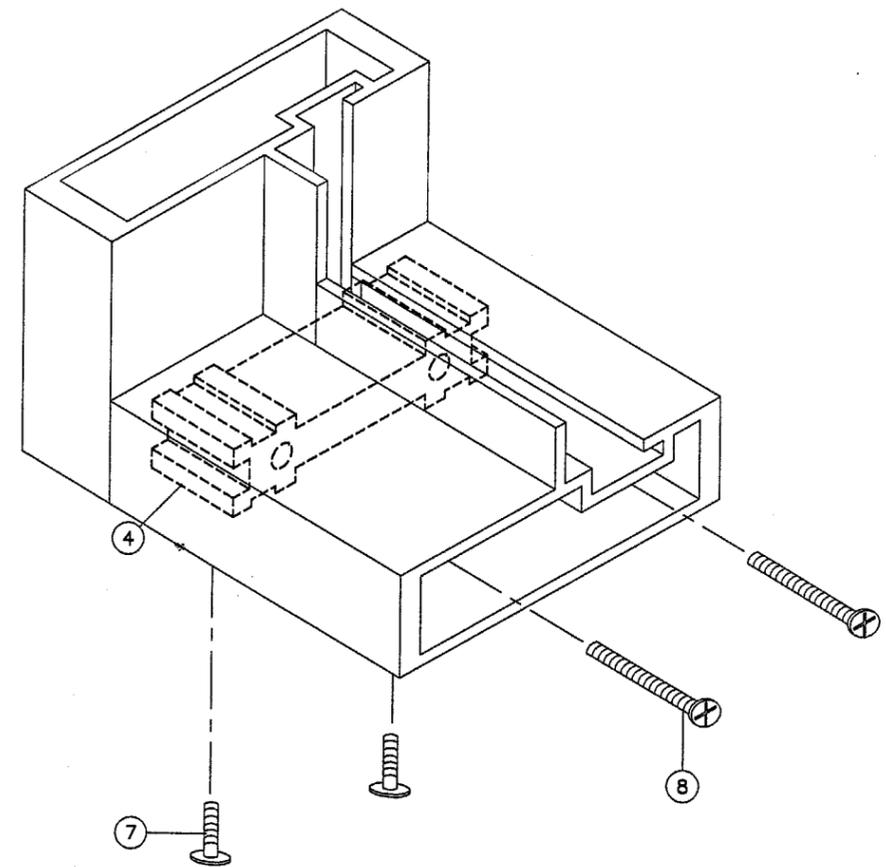


GLAZING STOP (9/16" GLASS)



WEDGE-IN GASKET

MATERIALS LIST					
ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	3001	AS REQD.	FRAME HEAD/SILL/JAMB	6063-T6	ARCH ALUM & GLASS CO.
1A	3012	AS REQD.	ALTERNATE FRAME HEAD/SILL/JAMB	6063-T6	ARCH ALUM & GLASS CO.
2	3002	AS REQD.	INTERMEDIATE MULLION	6063-T6	ARCH ALUM & GLASS CO.
2A	3013	AS REQD.	ALTERNATE INTERMEDIATE MULLION	6063-T6	ARCH ALUM & GLASS CO.
3	3003	AS REQD.	GLAZING STOP (9/16" GLASS)	6063-T6	ARCH ALUM & GLASS CO.
4	AR-3004	1/ CORNER	SHEAR BLOCK	6063-T5	-
5	H-63	AS REQD.	GLAZING GASKET	EPDM 70 ±5	UNIVERSAL RUBBER CO.
6	3004A	1/ MULLION	ALUMINUM REINFORCEMENT	6063-T5	ARCH ALUM & GLASS CO.
7	#12-24 X 3/4"	2/ CONER	FLAT HEAD THREAD CUTTING SCREWS	-	-
8	1/4-20 X 1-1/2"	2/ CORNER	PAN HEAD MACHINE SCREWS	-	-
9	V2100	-	ADHESIVE FOAM TAPE	-	NORTON



FRAME CORNER  
HEAD & SILL  
INTER. HORIZ. MULLION

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 18557

*[Signature]*

SEP 07 2001

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