



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

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

**NOTICE OF ACCEPTANCE (NOA)**

[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

Arch Aluminum & Glass Company  
10200 NW 67<sup>th</sup> Street  
Tamarac, FL 33321

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "PBS 383 Curtain Wall" Aluminum Window Wall System – S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. 99-16, titled "Series PBS-383 Curtain Wall/Window Wall System (S.M.I.)", Sheets 1 through 6 of 6, dated 5/27/99 with revision "F" on dated 09/08/05, prepared by Al Farooq Corporation, signed and sealed Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Small Missile Impact**

**LABELING:** 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", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA 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 NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 02-0904.03 and, consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 05-0919.10  
Expiration Date: October 13, 2007  
Approval Date: December 29, 2005  
Page 1

Arch Aluminum & Glass Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **99-16**, titled "Series PBS-383 Curtain Wall/Window Wall System (S.M.I.)", Sheets 1 through 6 of 6, dated 5/27/99 with revision "F" dated 09/08/05, prepared by Al Farooq Corporation, signed and sealed Humayoun Farooq, P.E.

**B. TESTS**

1. Test reports on 1) Small Missile Impact Test FBC TAS 201-94(steel ball bearings)  
2) Cyclic Loading Test, per SFBC PA 203-94  
along with installation diagram of an aluminum window wall system marked-up by Fenestration Testing Laboratory, Inc. Test Reports Nos. **FTL-2603**, report dated April 12, 2000, signed and sealed by Aldo P. Gonzalez, P.E.  
**"Submitted Under NOA# 02-0904.03"**
2. Test reports on 1) Air Infiltration Test, per TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per TAS 202-94  
3) Water Resistance Test, per TAS 202-94  
4) Small Missile Impact Test, FBC TAS 201-94 (gravel)  
5) Cyclic Loading Test, per FBC TAS 203-94  
along with installation diagram of an aluminum window wall system marked-up by Fenestration Testing Laboratory, Inc. Test Reports Nos. **FTL2281**, reported dated 03/24/99, signed and sealed by Gilbert Diamond, P.E.  
**"Submitted Under NOA# 02-0904.03"**

**C. CALCULATIONS**

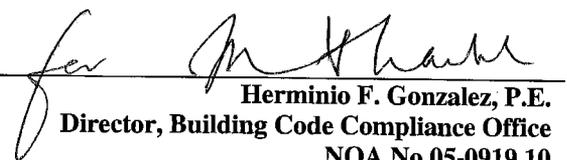
1. Revised Anchor Calculations and Structural analysis, prepared by AL-Farooq Corporation, dated 09/01/05, signed and sealed by Humayoun Farooq, P.E.  
**Complies with ASTM E1300-02**  
**No 1/3 stress increase used in anchors into masonry or steel substrate.**
2. Anchor Verification Calculations and Comparative analysis, dated 10/16/02, prepared Al Farooq Corporation, signed and sealed by Dr. Humayoun Farooq, P.E.  
**"Submitted Under NOA# 02-0904.03"**

**D. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **01-0205.02**, issued to Solutia, Inc. for their Saflex/Keepsafe Maximum, approved on 05/17/01 and expiring on 05/21/06.

**E. STATEMENTS**

1. Statement letter of conformance and no financial interest, dated 09/01/05, signed and sealed by Humayoun Farooq, P.E.

  
Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office  
NOA No 05-0919.10

Expiration Date: October 13, 2007  
Approval Date: December 29, 2005

**Arch Aluminum & Glass Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. OTHER**

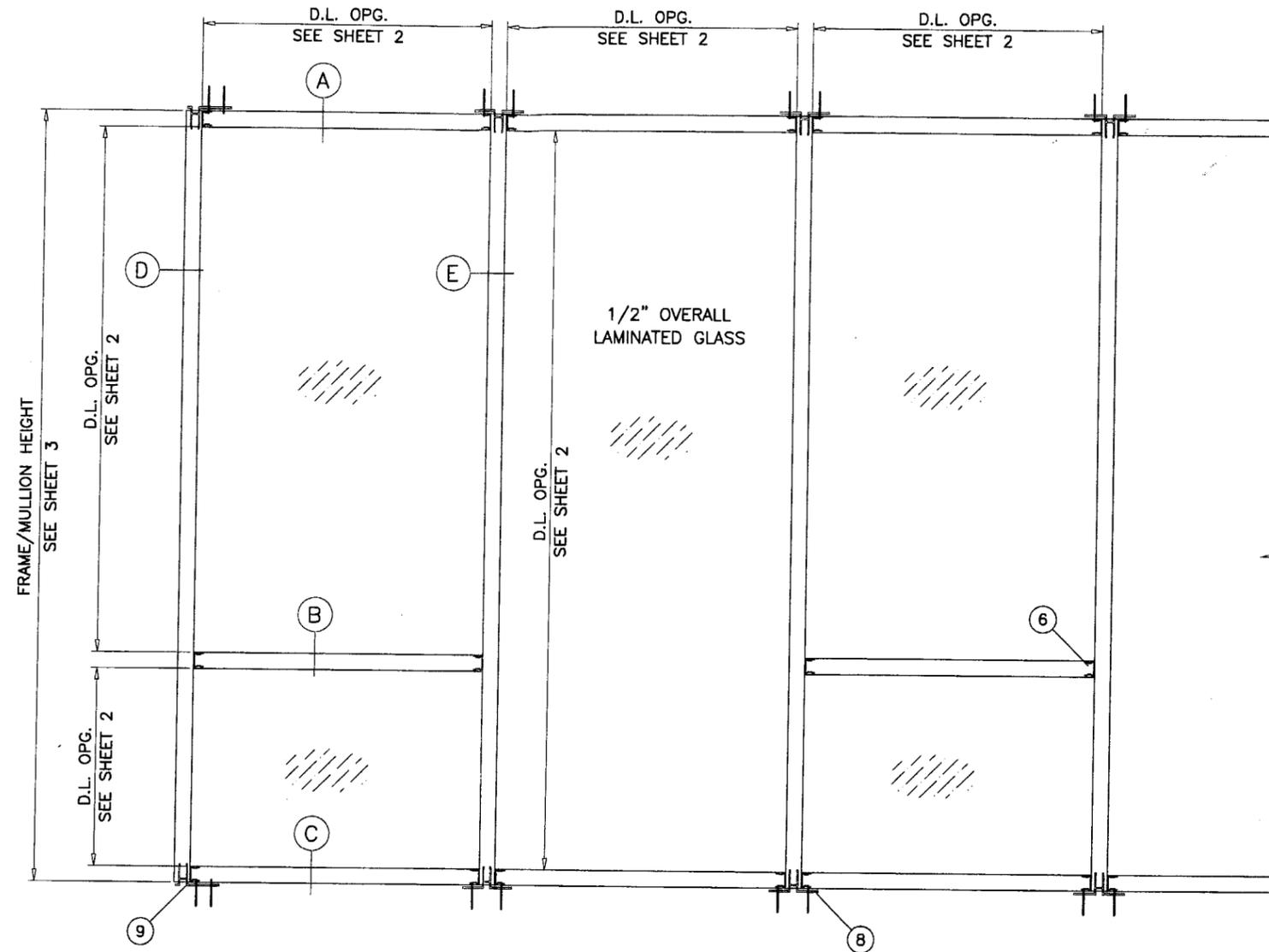
1. Notice of Acceptance No. **02-0904.03**, issued to Arch Aluminum & Glass Company for their Series "PBS 383 Curtain Wall" Aluminum Window Wall System – Small Missile, approved on 11/21/02 and expiring on 10/13/07.
2. Letter from consultant, dated 11/22/05, stating that the product is in compliance with the Florida Building Code (FBC).

*for M. Gonzalez*

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**Herminio F. Gonzalez, P.E.**  
**Director, Building Code Compliance Office**  
**NOA No 05-0919.10**

**Expiration Date: October 13, 2007**  
**Approval Date: December 29, 2005**



TYPICAL ELEVATION

**SERIES PBS-383 CURTAIN WALL/WINDOW WALL SYSTEM (S.M.I.)**

THIS PRODUCT IS RATED FOR SMALL MISSILE IMPACT.  
 MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS  
 REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE.  
 SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.  
 CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE  
 REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING  
 HIGH VELOCITY HURRICANE ZONE.

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

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

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS  
 ARE NOT PART OF THIS APPROVAL.

A 33% INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF WOOD  
 ANCHORS ONLY.

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

**INSTRUCTIONS:**

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED  
ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE  
USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** SEE CHARTS ON SHEETS 2 FOR DESIGN LOAD  
CAPACITY OF DESIRED GLASS SIZE BASED ON APPLICABLE  
WIND DURATION.
- STEP 3** CHECK MULLION CAPACITY FOR A GIVEN SPACING AND  
HEIGHT USING CHARTS ON SHEET 3  
THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4** USING CHART ON SHEET 3 SELECT ANCHOR OPTION  
WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED  
IN STEP 1 ABOVE.
- STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3  
AND 4 SHALL APPLY TO ENTIRE SYSTEM.

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 05-0919.10  
 Expiration Date: 10/13/07  
 By: *M. Khate*  
 Miami Dade Product Control  
 Division

Engr. DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. FE # 16557  
 C.A.N. 3538

SEP 18 2005

afc

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

SERIES PBS-383 CURTAIN WALL/WINDOW WALL SYSTEM (S.M.I.)  
**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
B	9.21.99		GENERAL REVISION
C	9.27.99		PRODUCT NAME REV.
D	06.10.00		9/16" GLASS ADDED
E	10.09.02		1/4" GLASS REMOVED
F	09.08.05		UPDATED FOR 2004 FBC

date: 05-27-99  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

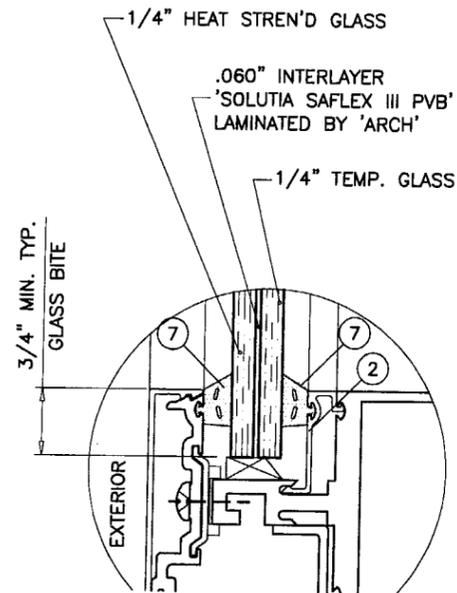
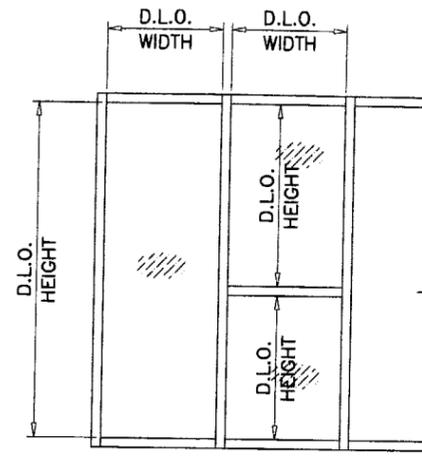
drawing no.  
**99-16**

sheet 1 of 6

STORE 99-16AA

DESIGN LOAD CAPACITY - PSF BASED ON ASTM E1300-98 (60 SEC. WIND)		
NOMINAL DIMS. 1/2" LAM. GLASS		
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+) INT. (-)
27-1/2"	79"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0
51-1/2"		105.0
54-1/2"		105.0
57-1/2"	105.0	
27-1/2"	85"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0
51-1/2"		105.0
54-1/2"		105.0
57-1/2"	101.8	
27-1/2"	91"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0
51-1/2"		105.0
54-1/2"		100.2
57-1/2"	94.9	
27-1/2"	97"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0
51-1/2"		100.3
54-1/2"		100.3
57-1/2"	94.9	
27-1/2"	103"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		103.0

DESIGN LOAD CAPACITY - PSF BASED ON ASTM E1300-98 (60 SEC. WIND)		
NOMINAL DIMS. 1/2" LAM. GLASS		
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+) INT. (-)
27-1/2"	109"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0
51-1/2"		105.0
54-1/2"		105.0
57-1/2"	105.0	
27-1/2"	115"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0



1/2" OVERALL LAMINATED GLASS  
GLAZING DETAIL

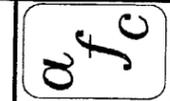
DESIGN LOAD CAPACITY - PSF BASED ON ASTM E1300-02 (3 SEC. GUSTS)		
NOMINAL DIMS. 1/2" LAM. GLASS		
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+) INT. (-)
27-1/2"	79"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0
51-1/2"		105.0
54-1/2"		105.0
57-1/2"	105.0	
27-1/2"	85"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0
51-1/2"		105.0
54-1/2"		105.0
57-1/2"	105.0	
27-1/2"	91"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0
51-1/2"		105.0
54-1/2"		105.0
57-1/2"	105.0	
27-1/2"	97"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0
51-1/2"		105.0
54-1/2"		105.0
57-1/2"	105.0	
27-1/2"	103"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0

DESIGN LOAD CAPACITY - PSF BASED ON ASTM E1300-02 (3 SEC. GUSTS)		
NOMINAL DIMS. 1/2" LAM. GLASS		
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+) INT. (-)
27-1/2"	109"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0
51-1/2"		105.0
54-1/2"		105.0
57-1/2"	105.0	
27-1/2"	115"	105.0
30-1/2"		105.0
33-1/2"		105.0
36-1/2"		105.0
39-1/2"		105.0
42-1/2"		105.0
45-1/2"		105.0
48-1/2"		105.0

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

SEP 13 2005

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 05-0919.10  
Expiration Date 10/13/07  
By: *M. H. H.*  
Miami Dade Product Control  
Division



**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
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SERIES PBS-383 CURTAIN WALL/WINDOW WALL SYSTEM (S.M.I.)

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

no	date	description
E	10.09.02	1/4" GLASS REMOVED
F	09.08.05	CHARTS REV.

revisions:

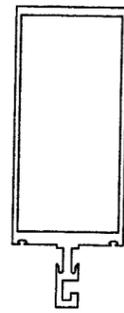
date: 05-27-99  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**99-16**

sheet 2 of 6

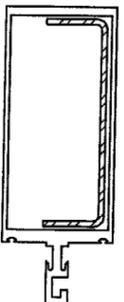
STORE 99-16AA

MULLION LOAD CAPACITY - PSF WITHOUT INTERMEDIATE HORIZONTALS			
NOMINAL DIMS.		WITHOUT REINFORCING	WITH REINFORCING
WIDTH (W)	FRAME HEIGHT	EXT.(+) / INT.(-)	EXT.(+) / INT.(-)
30"	90"	105.0	105.0
36"		105.0	105.0
42"		105.0	105.0
48"		105.0	105.0
54"		105.0	105.0
60"	105.0	105.0	
30"	96"	105.0	105.0
36"		105.0	105.0
42"		105.0	105.0
48"		105.0	105.0
54"		105.0	105.0
60"	105.0	105.0	
30"	102"	105.0	105.0
36"		105.0	105.0
42"		105.0	105.0
48"		105.0	105.0
54"		105.0	105.0
30"	108"	105.0	105.0
36"		105.0	105.0
42"		105.0	105.0
48"		105.0	105.0
54"		105.0	105.0
30"	114"	105.0	105.0
36"		105.0	105.0
42"		105.0	105.0
48"		104.8	105.0
30"	120"	105.0	105.0
36"		105.0	105.0
42"		105.0	105.0
48"		93.5	105.0



FRAME JAMB  
MULLION

WITHOUT REINFORCING

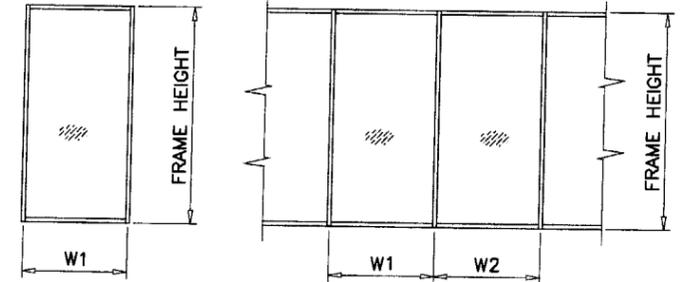


MULLION

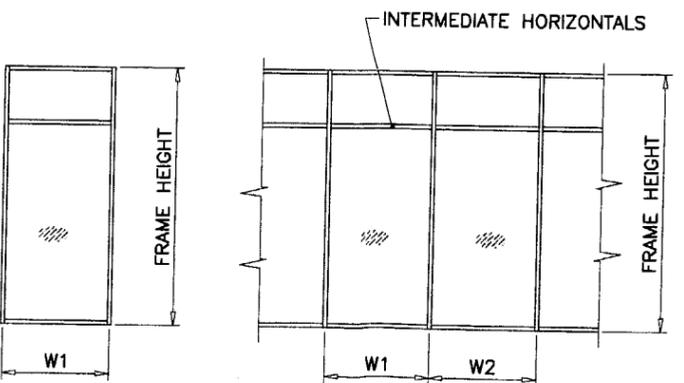
WITH REINFORCING

MULLION LOAD CAPACITY - PSF WITH INTERMEDIATE HORIZONTALS			
NOMINAL DIMS.		WITHOUT REINFORCING	WITH REINFORCING
WIDTH (W)	FRAME HEIGHT	EXT.(+) / INT.(-)	EXT.(+) / INT.(-)
30"	90"	105.0	105.0
36"		105.0	105.0
42"		105.0	105.0
48"		105.0	105.0
54"		105.0	105.0
60"	105.0	105.0	
30"	96"	105.0	105.0
36"		105.0	105.0
42"		105.0	105.0
48"		105.0	105.0
54"		105.0	105.0
60"	105.0	105.0	
30"	102"	105.0	105.0
36"		105.0	105.0
42"		105.0	105.0
48"		105.0	105.0
54"		105.0	105.0
30"	108"	105.0	105.0
36"		105.0	105.0
42"		105.0	105.0
48"		105.0	105.0
54"		99.2	105.0
30"	114"	105.0	105.0
36"		105.0	105.0
42"		105.0	105.0
48"		100.2	105.0
30"	120"	105.0	105.0
36"		105.0	105.0
42"		103.3	105.0
48"		90.4	105.0

ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)				
NOMINAL DIMS.		TYPE 'A'	TYPE 'B'	TYPE 'C'
WIDTH (W)	FRAME HEIGHT	'A2'	'B2'	'C2'
30"	90"	105.0	105.0	105.0
36"		105.0	105.0	105.0
42"		94.2	105.0	105.0
48"		82.4	105.0	105.0
54"		73.2	105.0	93.6
60"	65.9	105.0	84.3	
30"	96"	105.0	105.0	105.0
36"		103.0	105.0	105.0
42"		88.3	105.0	105.0
48"		77.3	105.0	98.8
54"		68.7	105.0	87.8
60"	61.8	105.0	79.0	
30"	102"	105.0	105.0	105.0
36"		96.9	105.0	105.0
42"		83.1	105.0	105.0
48"		72.7	105.0	92.9
54"		64.6	105.0	82.6
30"	108"	105.0	105.0	105.0
36"		91.6	105.0	105.0
42"		78.5	105.0	100.3
48"		68.7	105.0	87.8
30"	114"	104.1	105.0	105.0
36"		86.7	105.0	105.0
42"		74.3	105.0	95.0
48"		65.1	105.0	83.2
30"	120"	98.9	105.0	105.0
36"		82.4	105.0	105.0
42"		70.6	105.0	90.3
48"		61.8	105.0	79.0



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



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

ANCHORS TYPES: SEE SHEET 4 FOR DESCRIPTION  
 A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION OR JAMB  
 B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION OR JAMB  
 C2 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION OR JAMB

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 05-0919-10  
 Expiration Date 10/13/03  
 By *[Signature]*  
 Miami Dade Product Control  
 Division

Engr. DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538

SEP 13 2005

*afc*

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

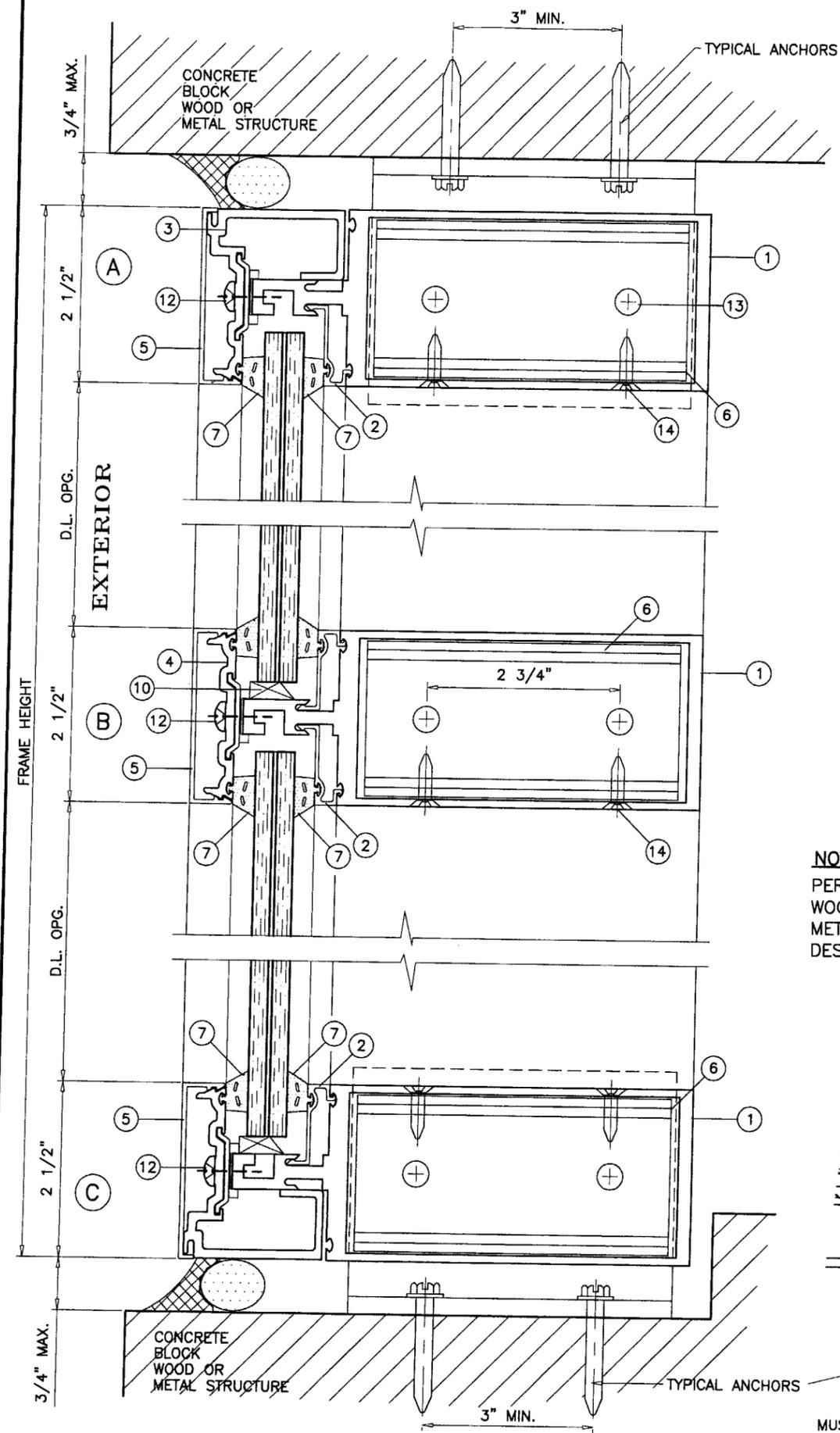
SERIES PBS-383 CURTAIN WALL/WINDOW WALL SYSTEM (S.M.I.)  
**ARCH ALUMINUM & GLASS L.C.**  
 10200 N.W. 67th street  
 TAMARAC, FL. 33321  
 TEL. (800) 432-8132 FAX. (954) 724-9293

revisions:	
no	description
E 10.09.02	1/4" GLASS REMOVED
F 09.08.05	CHARIS REV.

date: 05-27-99  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**99-16**  
 sheet 3 of 6

STORE 99-16AA



ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	38309	AS REQD.	FRAME HEAD/SILL/JAMB/MULLION	6063-T6	ARCH ALUMINUM
2	38332	AS REQD.	GLAZING ADAPTER	6063-T5	ARCH ALUMINUM
3	38324	AS REQD.	END PRESSURE PLATE	6063-T5	ARCH ALUMINUM
4	38364	AS REQD.	CENTER PRESSURE PLATE	6005-T6	ARCH ALUMINUM
5	-	AS REQD.	SNAP IN COVER	6063-T6	ARCH ALUMINUM
6	38365	1/ HORIZ. CORNER	SHEAR BLOCK	6063-T5	ARCH ALUMINUM
7	05481-47	AS REQD.	GLAZING GASKET	EPDM	-
8	38395	1/ END	'H' ANCHOR CLIP AT CENTER MULLION	6005-T6	ARCH ALUMINUM
9	38396	1/ END	'F' ANCHOR CLIP AT END MULLION	6005-T6	ARCH ALUMINUM
10	BN0812	AS REQD.	SETTING BLOCK AT QUARTER POINTS	EPDM DUR. 90±5	.63" X .61" X 4" LONG
11	-	-	-	-	-
12	1/4-20 X 5/8"	AS REQD.	PRESSURE PL. SCREWS	-	AT 4" FROM ENDS & 8" O.C.
13	1/4-20 X 5/8"	2/ CLIP	SHEAR BLOCK SCREWS	-	PHMS
14	#12-24 X 3/4"	2/ CLIP	SHEAR BLOCK SCREWS	-	FHMS

WOOD BUCKS AND METAL STRUCTURES NOT BY ARCH ALUMINUM MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

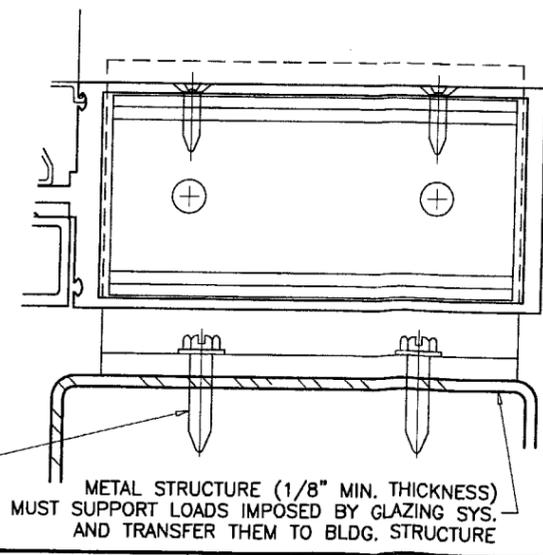
**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

- TYPE 'A' - **5/16" TAPCONS**  
 INTO WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD  
 THRU 1BY OR 2BY WOOD BUCKS INTO  
 3000 PSI MIN. CONC.  
 1-1/4" MIN. EMBED INTO CONC.
- TYPE 'B' - **5/16" TAPCONS**  
 DIRECTLY INTO 3000 PSI MIN. CONC.  
 1-1/4" MIN. EMBED INTO CONC.
- TYPE 'C' - **#14 SMS OR 1/4" SELF DRILLING SCREWS**  
 INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)  
 STEEL : Fy = 36 KSI MIN.  
 ALUMINUM : 6063-T5 MIN.  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**  
 INTO CONCRETE AND MASONRY = 3" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.

**SEALANTS:**  
 PRESSURE PLATE TO GLASS, PRESSURE PLATE FASTENERS, MULLION AND FRAME CORNER SEAMS ON INTERIOR AND EXTERIOR TO BE SEALED WITH SILICONE.

**NOTE:**  
 PERIMETER INSTALLATIONS MAY BE TO WOOD, WOOD BUCKS, DIRECTLY TO MASONRY OR METAL STRUCTURES USING ANCHORS AS DESCRIBED ABOVE.



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 Acceptance No. 05-0919.10  
 Expiration Date 10/13/07  
 By: *[Signature]*  
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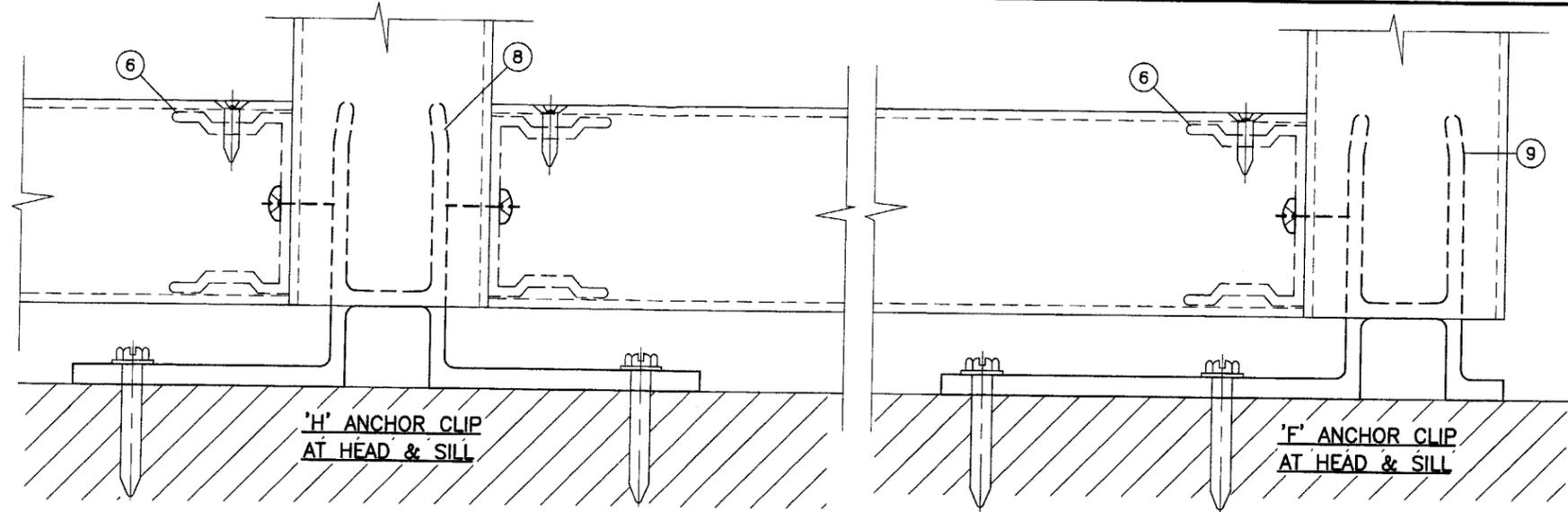
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STORE 99-16AA

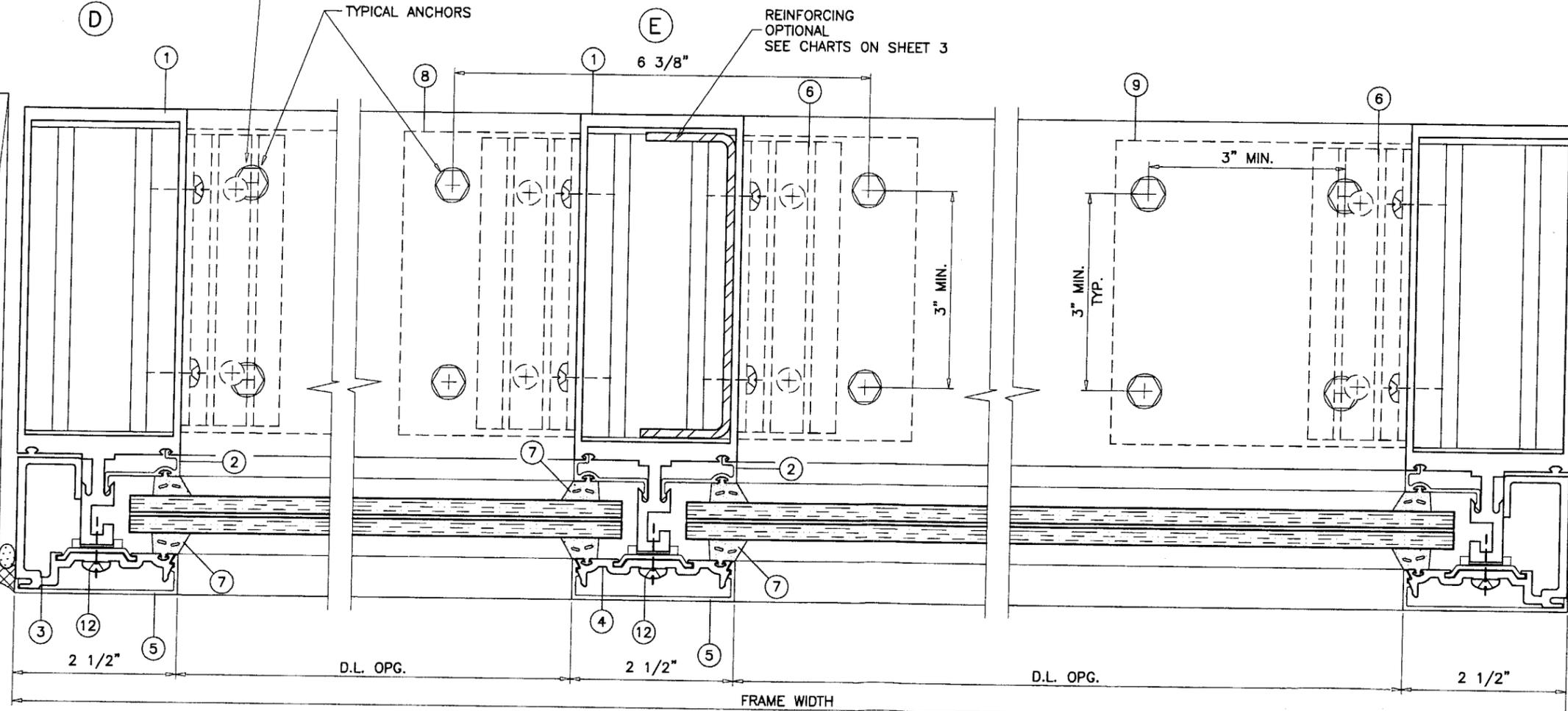


SEE OPPOSITE END FOR FULL JAMB ANCHORS

WOOD BUCK FILLER OPTIONAL BY OTHERS

TYPICAL ANCHORS

REINFORCING OPTIONAL SEE CHARTS ON SHEET 3



EXTERIOR

JAMBS ARE DESIGNED TO BE ANCHORED AT TOP AND BOTTOM ONLY

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*H*  
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By *M. Hamid*  
Miami Dade Product Control  
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afc

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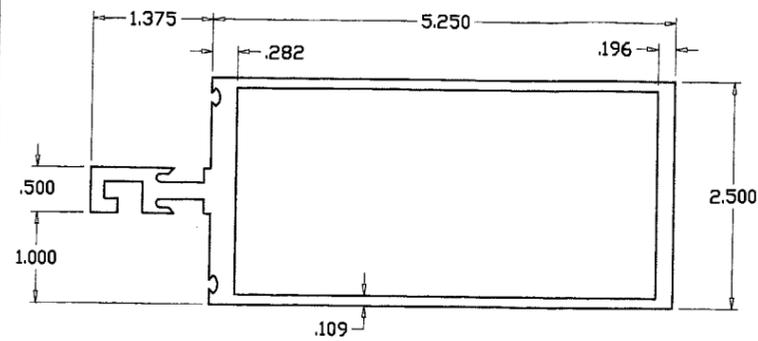
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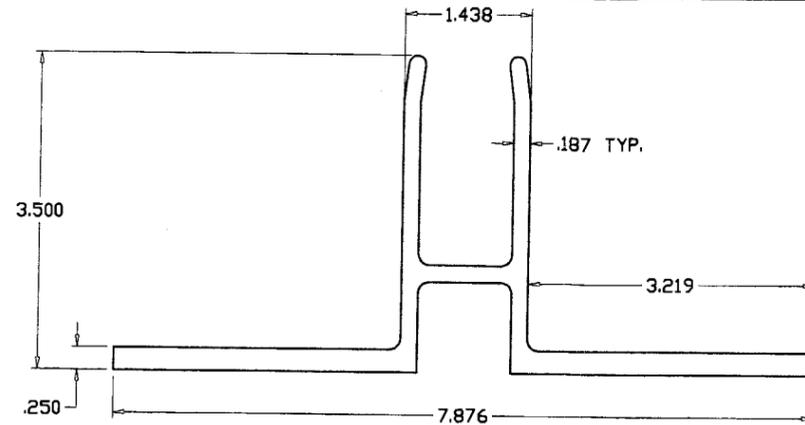
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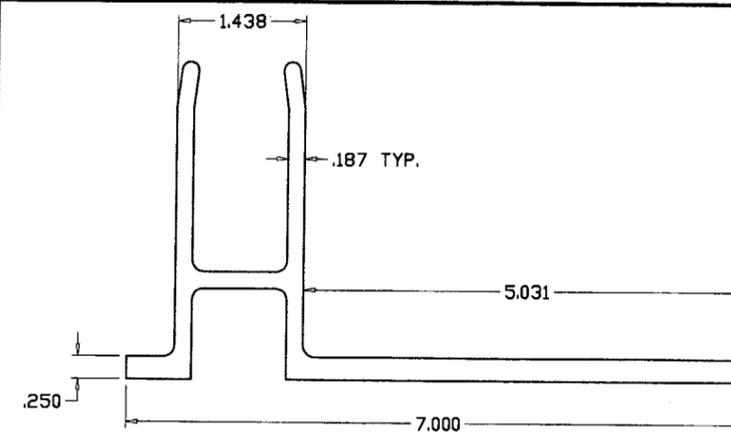
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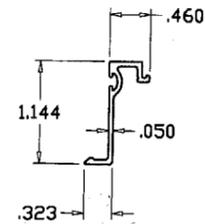
FRAME HEAD/SILL/JAMB/MULLION # 38309



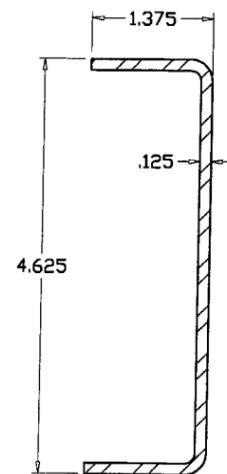
'H' ANCHOR CLIP # 38395



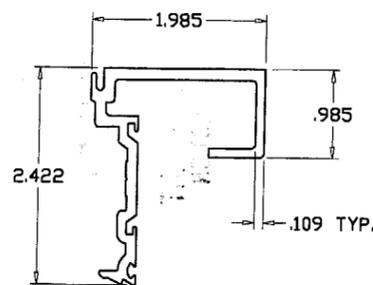
'F' ANCHOR CLIP # 38396



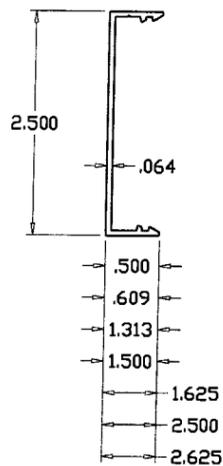
GLAZING BEAD # 38332



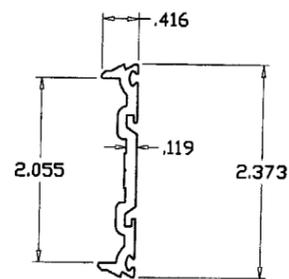
REINFORCING CHANNEL



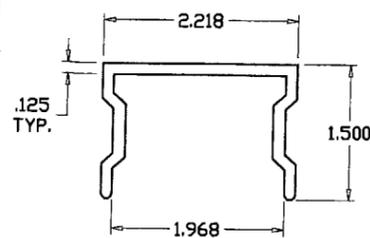
PRESSURE BAR # 38324



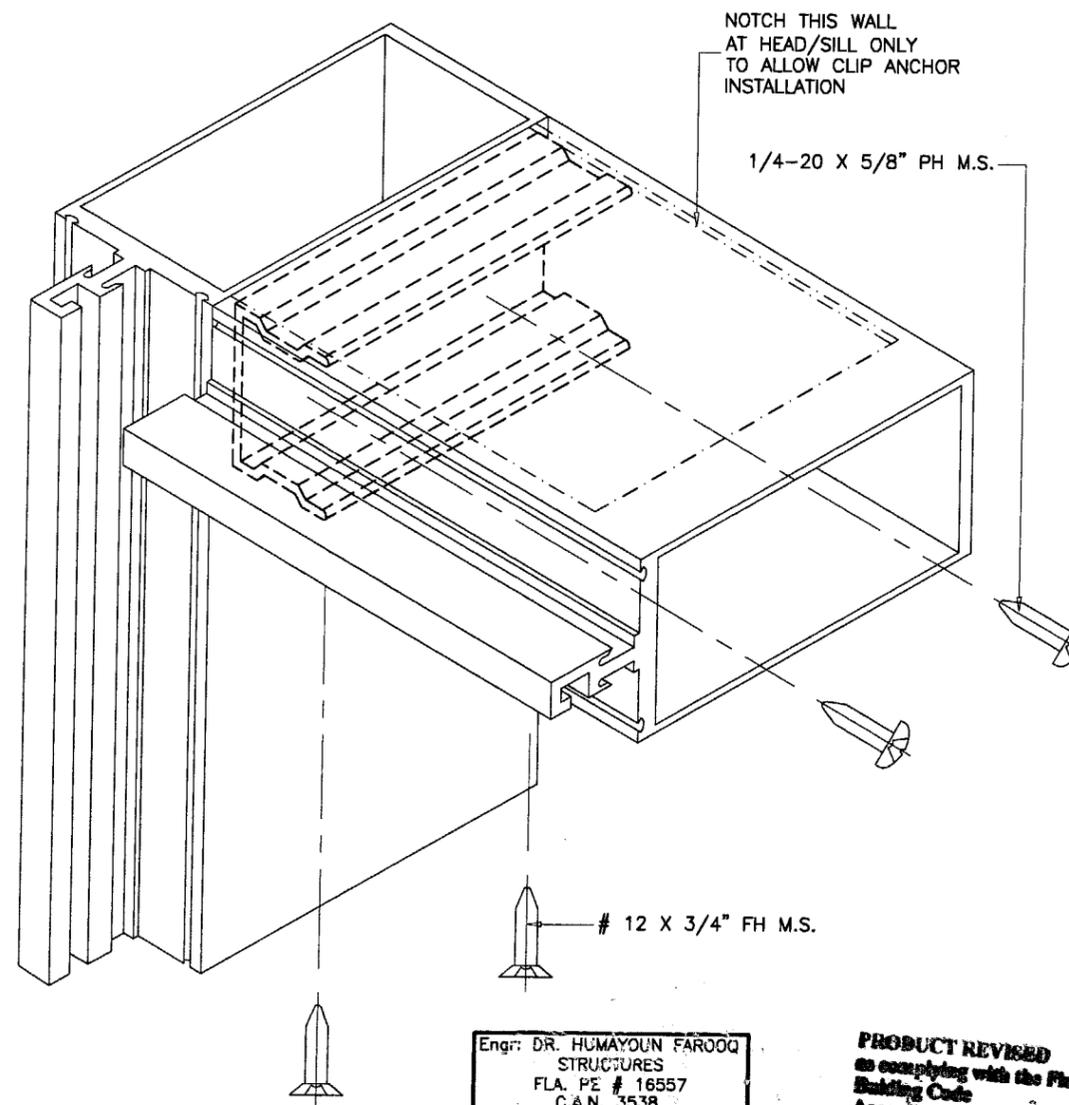
SNAP IN COVERS



PRESSURE BAR # 38364



SHEAR BLOCK # 38355



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