



MIAMI-DADE COUNTY
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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Arch Windows, LLC dba AWP
8130 NW 74th Avenue
Medley, FL 33166

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 "10200" White PVC Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W09-47**, titled "Series 10200 PVC Fixed Window (L.M.I./S.M.I.)" Sheets 1 through 7 of 7, dated 09/10/09 with revision A dated 05/06/10, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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: Large Missile Impact Resistant.

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 # 09-1006.11 and consists of this page 1, and Evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 10-0518.14
Expiration Date: January 06, 2015
Approval Date: August 25, 2010
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W09-47**, titled "Series 10200 PVC Fixed Window (L.M.I./S.M.I.)" Sheets 1 through 7 of 7, dated 09/10/09 with revision A dated 05/06/10, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test, per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
along with marked-up drawings and installation diagram of a series 10200 PVC fixed window, prepared by Fenestration Testing Laboratory, Test Report No. **FTL-5907** dated 06/04/09, signed and sealed by Julio E. Gonzalez, P.E.
(Submitted under previous NOA#09-1006.11)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 09/30/09, prepared, signed and sealed by Arshad Viqar, P.E.
Complies with ASTM E1300-02/04

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated May 4, 2010, signed and sealed by Javad Ahmad, P.E.
2. Proposal # **08-1867R1** issued by BCCO to AWP, LLC dated 01/28/09, signed by Manuel Perez, P.E., Product Control Examiner.

G. OTHERS

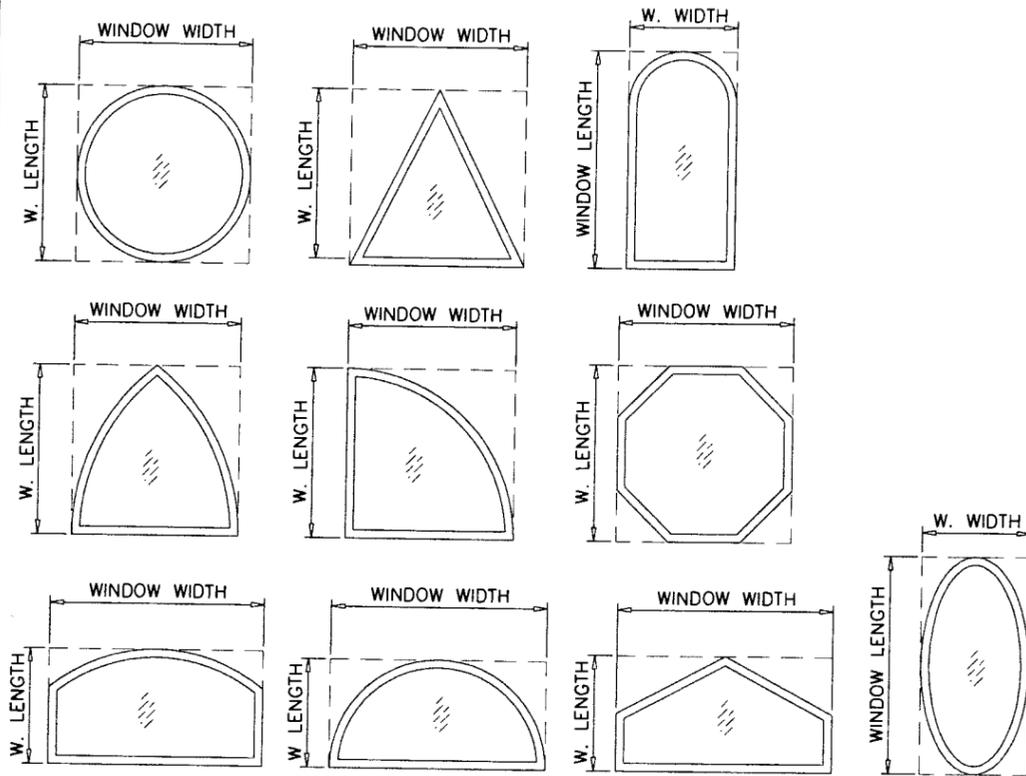
1. Notice of Acceptance No. **09-1006.11**, issued to AWP, LLC for their Series 10200 White PVC Fixed Window – L.M.I., approved on 01/06/10 and expiring on 01/06/15.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 10-0518.14

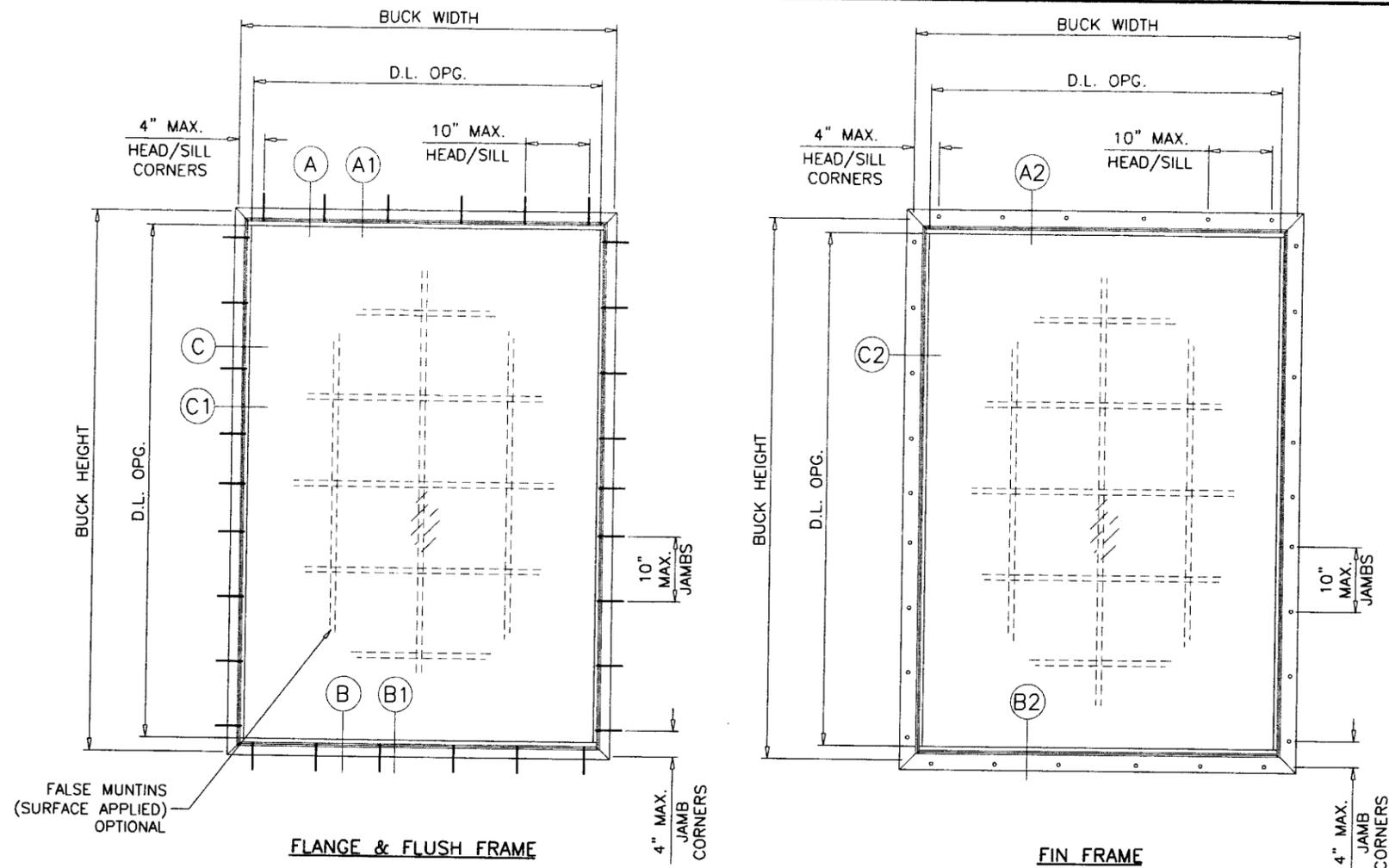
Expiration Date: January 06, 2015
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DAYLITE OPENINGS:
 D.L.O. HEIGHT = BUCK HEIGHT - 4.280"
 D.L.O. WIDTH = BUCK WIDTH - 4.280"

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
 SHUTTERS ARE NOT REQUIRED.



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.



TYPICAL ELEVATION

SERIES 10200 PVC FIXED WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIX. WDW. WITH OTHER MIAMI-DADE COUNTY APPROVED WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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 LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

**INSULATING LAM. GLASS
 LARGE & SMALL MISSILE IMPACT**

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 MAY 07 2010

PRODUCT REVISED
 to comply with the Florida Building Code
 Acceptance No. 10-0518.14
 Expiration Date JAN. 6, 2015
 By: *Manuel*
 Miami Dade Product Control Division

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL W09-47AWP

SERIES 10200 PVC FIXED WINDOW (L.M.I./S.M.I.)
ARCH WINDOWS, LLC dba AWP
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 MEDLEY, FL. 33166
 TEL. (305) 887-2646 FAX (305) 883-1309

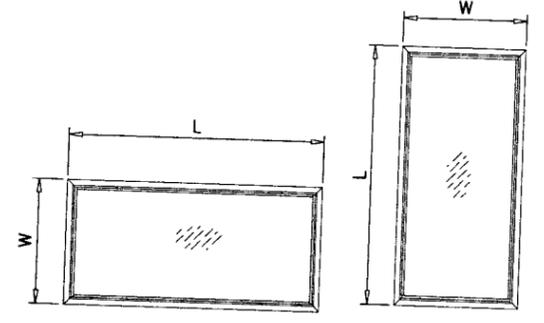
no.	date	by	description
A	05.06.10	MANUF. NAME	REVISED

date:	09-10-09
scale:	1/2"=1'-0"
dr. by:	HAMID
chk. by:	

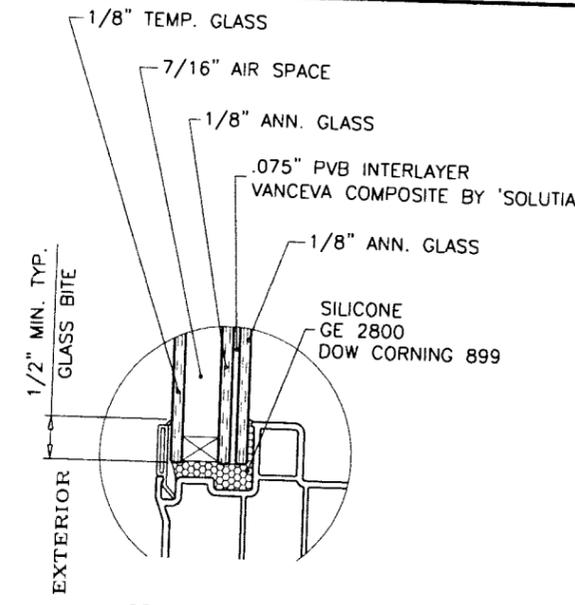
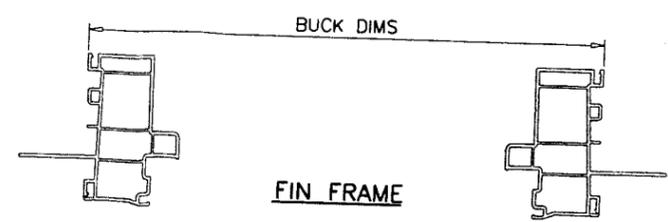
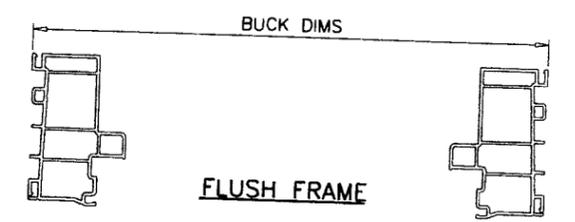
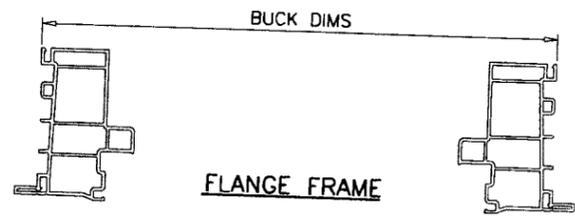
drawing no.	W09-47
sheet	1 of 7

DESIGN LOAD CAPACITY - PSF						
BUCK DIMS.		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'B' & 'B1'		
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
23"	35"	65.0	65.0	65.0	65.0	
29"		65.0	65.0	65.0	65.0	
35"		65.0	65.0	65.0	65.0	
41"		65.0	65.0	65.0	65.0	
47"		65.0	65.0	65.0	65.0	
53"		65.0	65.0	65.0	65.0	
59"		65.0	65.0	65.0	65.0	
65"		61.5	61.5	65.0	65.0	
71"	54.8	54.8	65.0	65.0		
23"	47"	65.0	65.0	65.0	65.0	
29"		65.0	65.0	65.0	65.0	
35"		65.0	65.0	65.0	65.0	
41"		65.0	65.0	65.0	65.0	
47"		65.0	65.0	65.0	65.0	
53"		63.9	63.9	65.0	65.0	
59"		59.4	59.4	65.0	65.0	
65"		52.5	52.5	65.0	65.0	
71"	46.9	46.9	65.0	65.0		
23"	59"	65.0	65.0	65.0	65.0	
29"		65.0	65.0	65.0	65.0	
35"		65.0	65.0	65.0	65.0	
41"		62.0	62.0	65.0	65.0	
47"		59.4	59.4	65.0	65.0	
53"		55.1	55.1	65.0	65.0	
59"		50.4	50.4	65.0	65.0	
65"		46.6	46.6	65.0	65.0	
71"	43.5	43.5	65.0	65.0		
23"	71"	65.0	65.0	65.0	65.0	
29"		65.0	65.0	65.0	65.0	
35"		54.8	54.8	65.0	65.0	
41"		48.1	48.1	65.0	65.0	
47"		46.9	46.9	65.0	65.0	
53"		45.6	45.6	65.0	65.0	
59"		43.5	43.5	65.0	65.0	
65"		43.5	43.5	65.0	65.0	
23"	83"	65.0	65.0	65.0	65.0	
29"		57.4	57.4	65.0	65.0	
35"		43.9	43.9	65.0	65.0	
41"		40.8	40.8	65.0	65.0	
47"		39.1	39.1	65.0	65.0	
53"		38.5	38.5	63.4	63.4	
23"		95"	65.0	65.0	65.0	65.0
29"			51.4	51.4	65.0	65.0
35"	38.6		38.6	65.0	65.0	
41"	34.4		34.4	65.0	65.0	
47"	33.9		33.9	64.6	64.6	
23"	107"		65.0	65.0	65.0	65.0
29"			48.1	48.1	65.0	65.0
35"			35.6	35.6	65.0	65.0
41"		31.2	31.2	65.0	65.0	
23"		119"	55.4	55.4	65.0	65.0
29"			48.2	48.2	65.0	65.0
35"			33.8	33.8	65.0	65.0

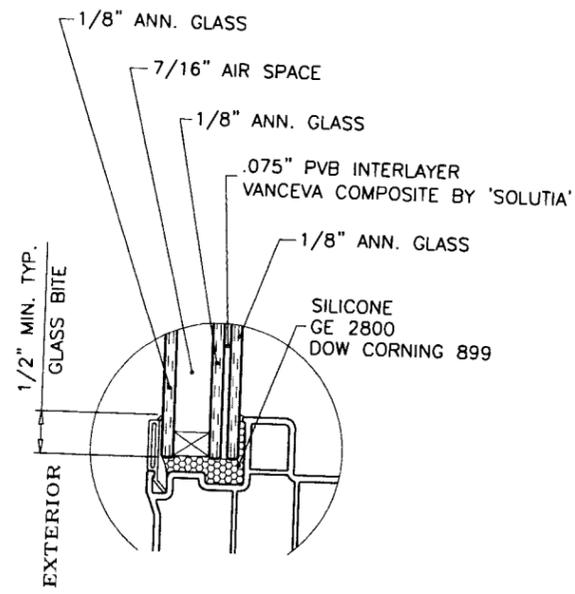
DESIGN LOAD CAPACITY - PSF					
BUCK DIMS.		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'B' & 'B1'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
18-1/8"	25"	65.0	65.0	65.0	65.0
25-1/2"		65.0	65.0	65.0	65.0
36"		65.0	65.0	65.0	65.0
47"		65.0	65.0	65.0	65.0
52-1/8"		65.0	65.0	65.0	65.0
18-1/8"	37-3/8"	65.0	65.0	65.0	65.0
25-1/2"		65.0	65.0	65.0	65.0
36"		65.0	65.0	65.0	65.0
47"		65.0	65.0	65.0	65.0
52-1/8"		65.0	65.0	65.0	65.0
18-1/8"	49-5/8"	65.0	65.0	65.0	65.0
25-1/2"		65.0	65.0	65.0	65.0
36"		65.0	65.0	65.0	65.0
47"		65.0	65.0	65.0	65.0
52-1/8"		65.0	65.0	65.0	65.0
18-1/8"	62"	65.0	65.0	65.0	65.0
25-1/2"		65.0	65.0	65.0	65.0
36"		63.4	63.4	65.0	65.0
47"		55.8	55.8	65.0	65.0
52-1/8"		53.0	53.0	65.0	65.0
18-1/8"	75"	65.0	65.0	65.0	65.0
25-1/2"		65.0	65.0	65.0	65.0
36"		47.5	47.5	65.0	65.0
47"		44.4	44.4	65.0	65.0
52-1/8"		43.0	43.0	65.0	65.0



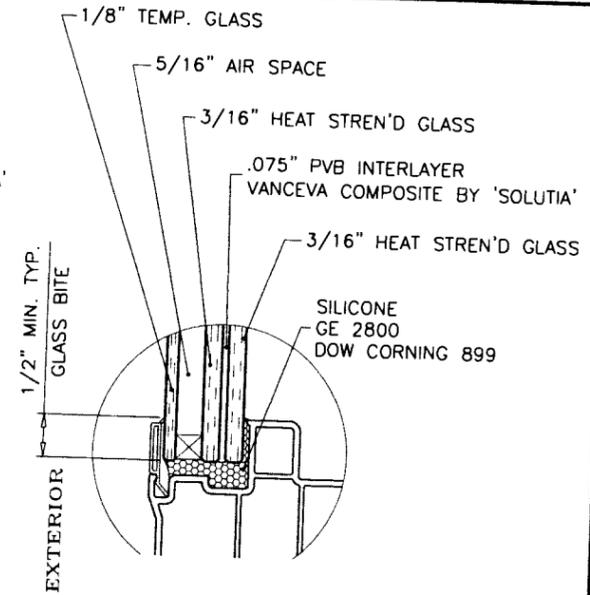
NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



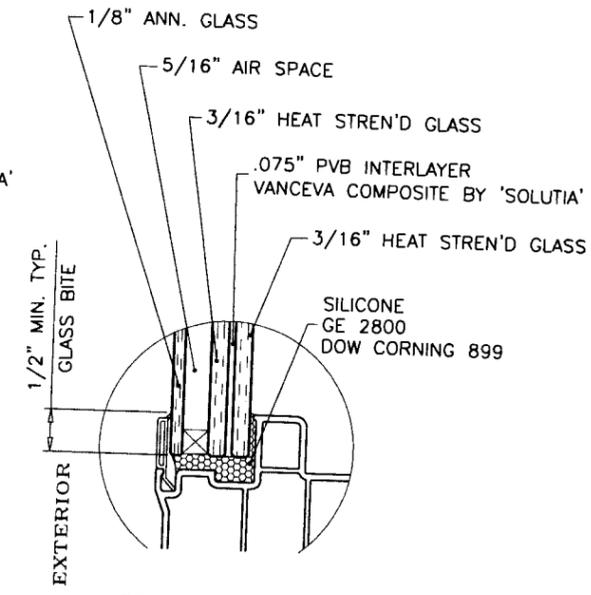
GLASS TYPE 'A'
7/8" OVERALL INSUL. LAM. GLASS
(LARGE & SMALL MISSILE IMPACT GLASS)



GLASS TYPE 'A1'
7/8" OVERALL INSUL. LAM. GLASS
(LARGE MISSILE IMPACT GLASS)



GLASS TYPE 'B'
7/8" OVERALL INSUL. LAM. GLASS
(LARGE & SMALL MISSILE IMPACT GLASS)



GLASS TYPE 'B1'
7/8" OVERALL INSUL. LAM. GLASS
(LARGE MISSILE IMPACT GLASS)

GLAZING OPTIONS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS).

Engr. JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

PRODUCT REVISION
as complying with the Florida
Building Code
Approval No. 10-0518.14
Expiration Date JAN. 6, 2015
Signature: *Muhammad Perera*
Product Control Services

MAY 04 2010

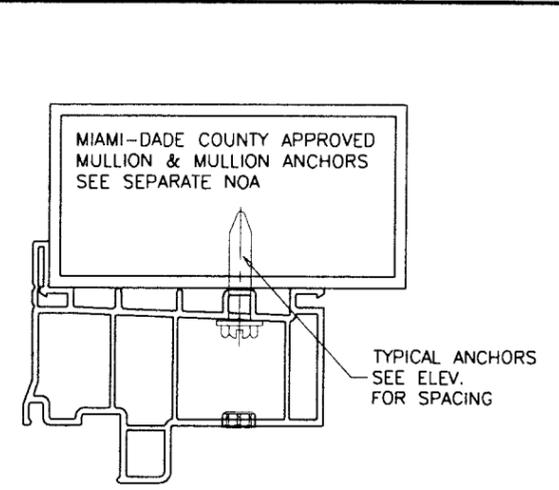
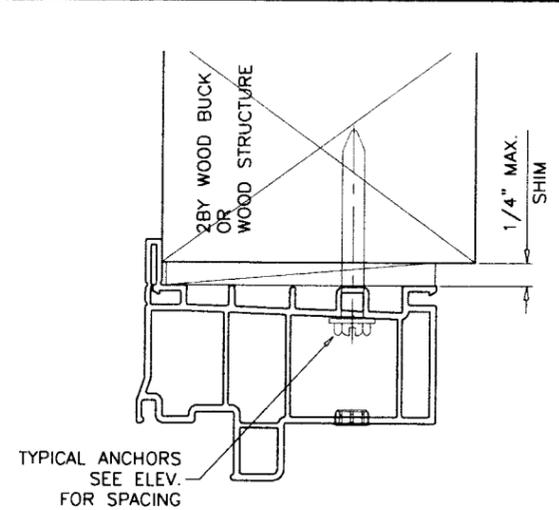
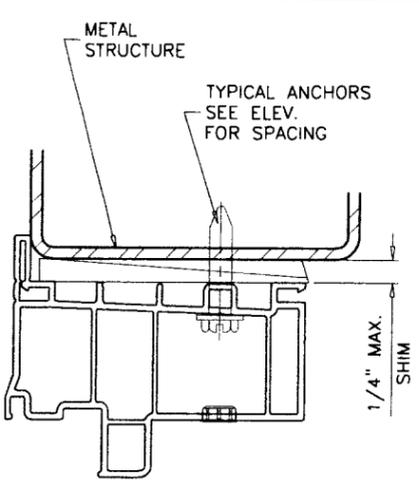
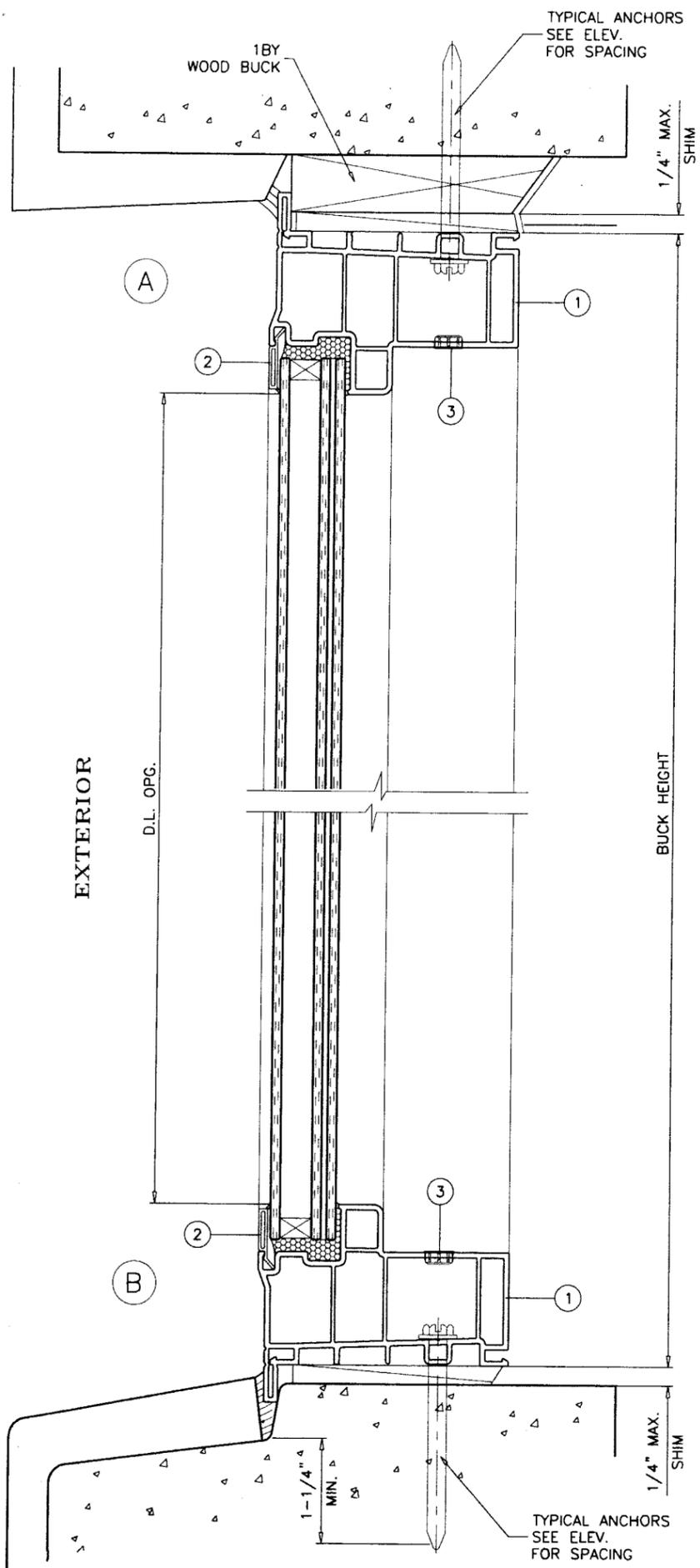
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
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no	date	description	MANUF. NAME	REVISED
A	05.06.10			

date: 09-10-09
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W09-47
sheet 2 of 7



WOOD BUCKS AND METAL STRUCTURE NOT BY AWP WDW. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

- TYPICAL ANCHORS:** SEE ELEV. FOR SPACING
- 1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)
 - 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 - INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 - 1-3/8" MIN. PENETRATION INTO WOOD
 - THRU 1BY BUCKS INTO CONC. OR MASONRY
 - 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 - DIRECTLY INTO CONC. OR MASONRY
 - 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 - #12 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)
 - INTO METAL STRUCTURES
 - STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 - ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 - (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

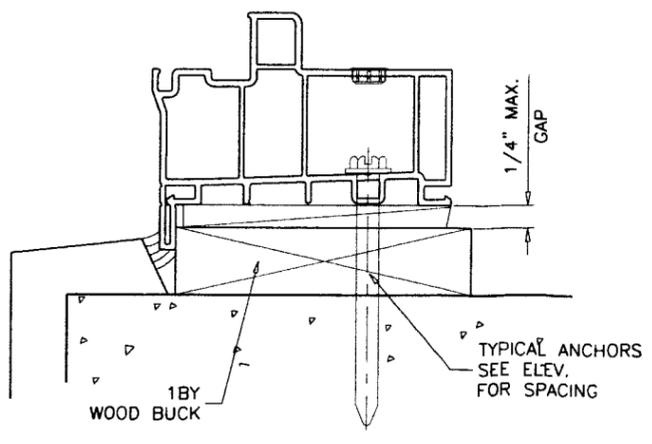
#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
(NO SHIM SPACE)

TYPICAL EDGE DISTANCE

- INTO CONCRETE AND MASONRY = 1-1/2" MIN.
- INTO WOOD STRUCTURE = 1" MIN.
- INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

J.A.
MAY 07 2010

PRODUCT REVIEWED
as complying with the Florida
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Approval No. 10-0518.14
Expiration Date JAN. 6, 2015

Yusef Spray
Miami Glaze Product Control

af c

AL-FAROOQ CORPORATION
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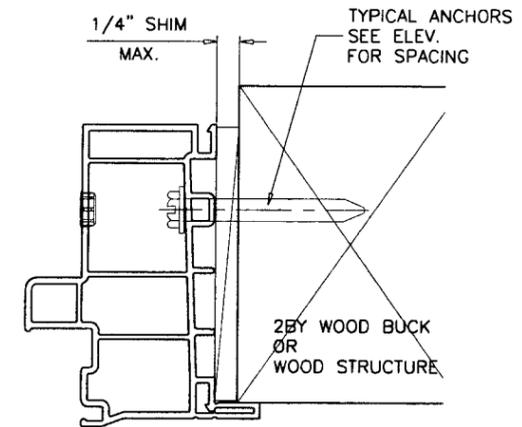
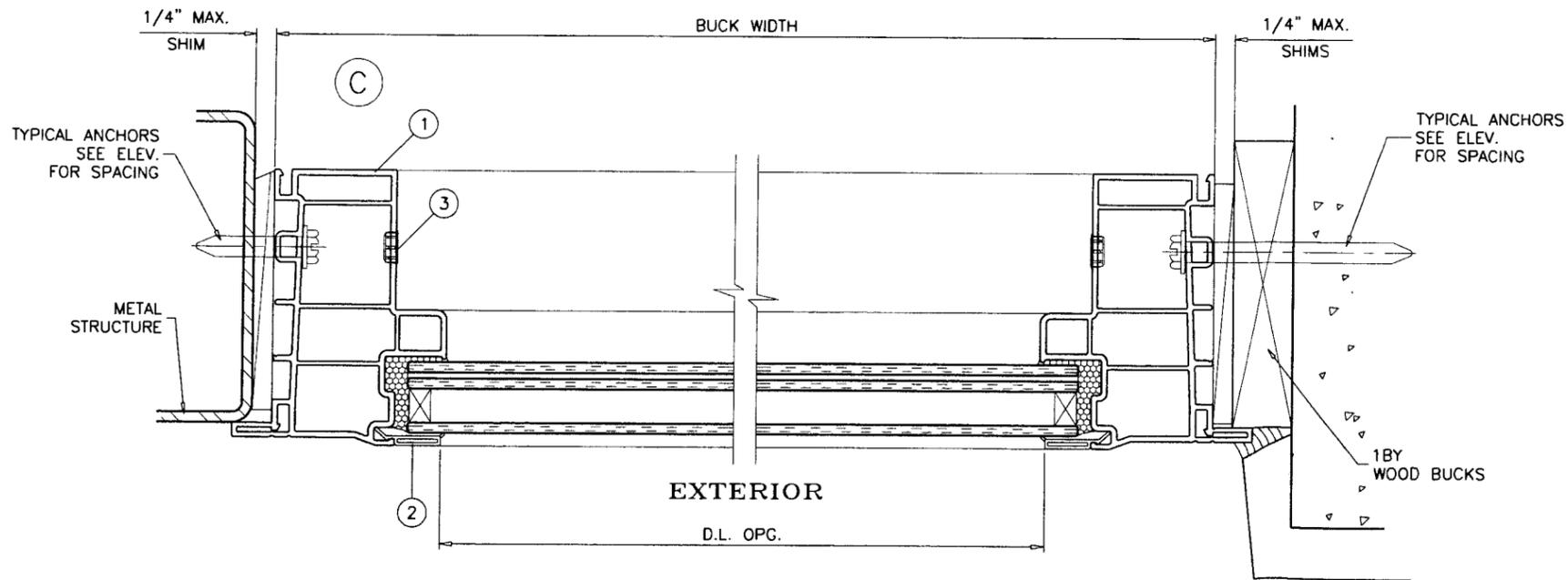
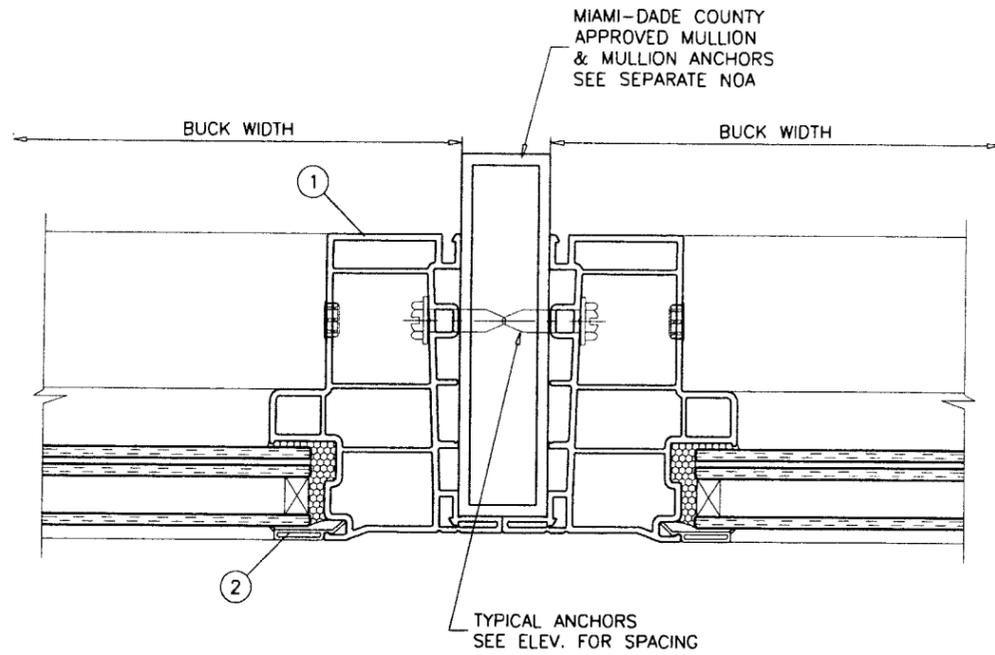
no	date	description	MANUF. NAME	REVISED
A	05.06.10			

revisions:

date: 09-10-09
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W09-47

sheet 3 of 7



Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538

MAY 27 2010

PRODUCT REVISED
 as complying with the Florida
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 Acceptance No. 10-0518.14
 Expiration Date JAN. 6, 2015

By *Manuel Perez*
 Miami Dade Product Control
 Division

af c

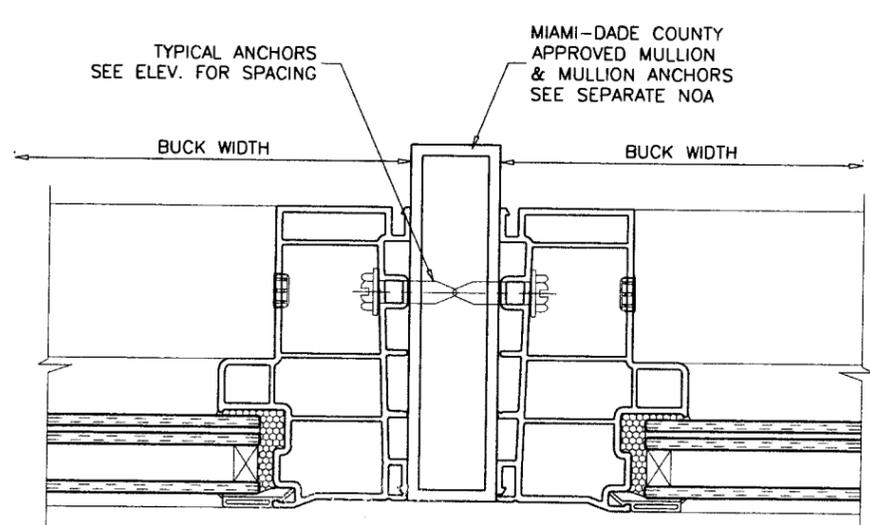
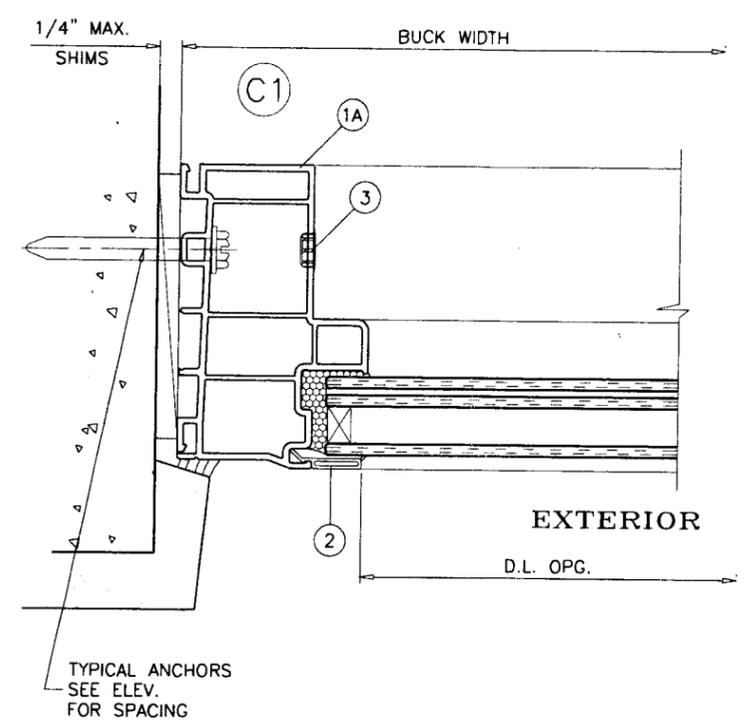
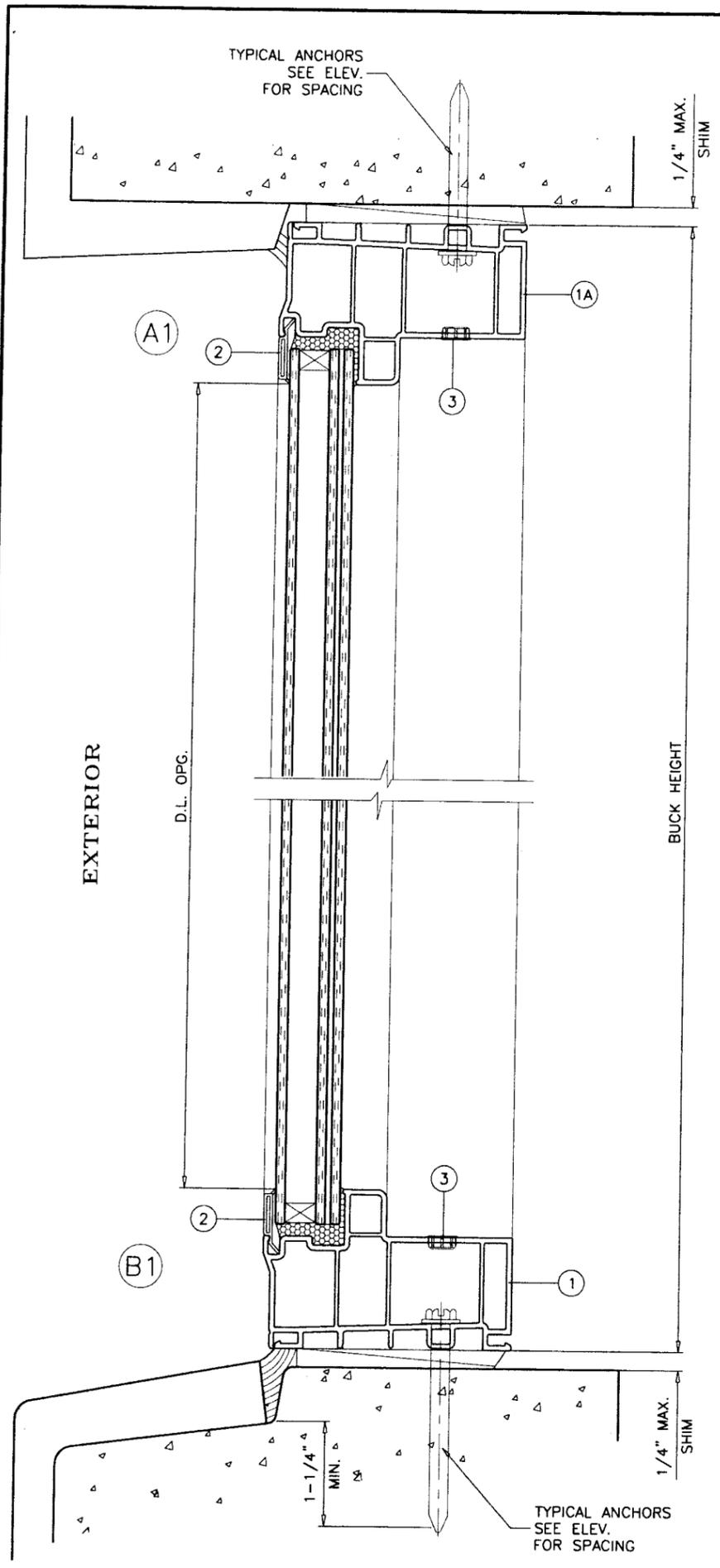
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 scale: 1/2" = 1"
 dr. by: HAMID
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drawing no.
W09-47
 sheet 4 of 7



Engr: JAVAD AHMAD
 CIVIL
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 C.A.N. 3538

J.A.
 MAY 07 2010

PRODUCT REVISED
 as complying with the Florida
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 Acceptance No. 10-0518.14
 Expiration Date JAN 6, 2013
 By *Manuel Pera*
 Miami Dade Product Control
 Division

af c
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 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W09-47AWP

SERIES 10200 PVC FIXED WINDOW (L.M.I./S.M.I.)
ARCH WINDOWS, LLC dba AWP
 8130 N.W. 74TH AVE.
 MEDLEY, FL. 33166
 TEL. (305) 887-2646 FAX (305) 883-1309

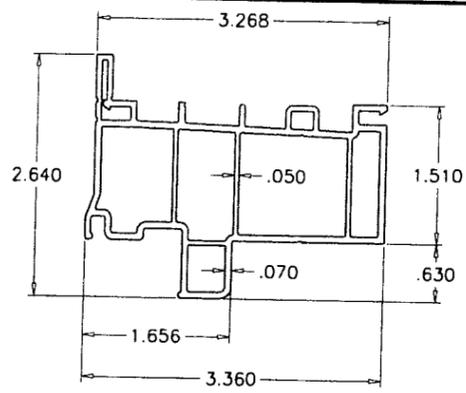
revisions:

no.	date	by	description
A	05.06.10	MANUF. NAME	REVISED

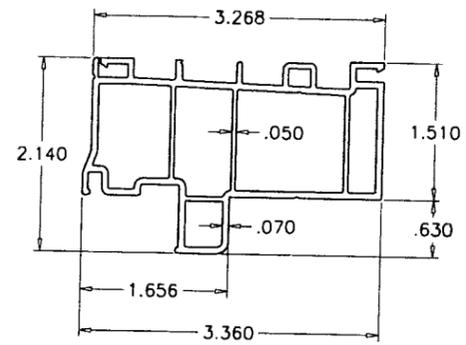
date: 09-10-09
 scale: 1/2" = 1"
 dr. by: HAMD
 chk. by:

drawing no.
W09-47
 sheet 5 of 7

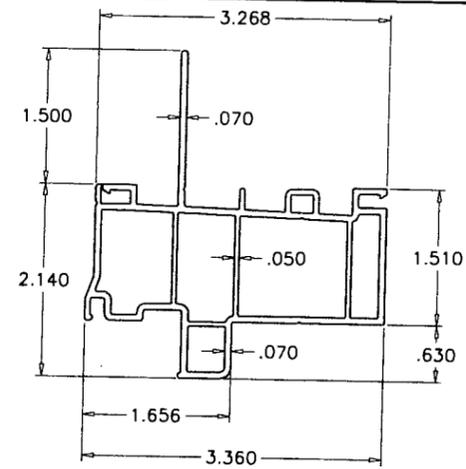
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YV-10201	1	FLANGE FRAME	PVC	-
1A	YV-10201	1	FLUSH FRAME	PVC	-
1B	YV-10201	1	FIN FRAME	PVC	-
2	YV-10007	8	GLAZING BEAD	PVC	-
3	YH-1316	AS REQD.	HOLE PLUG	NYLON	ASHLAND SYS.



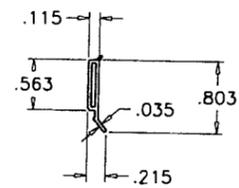
① FLANGE FRAME



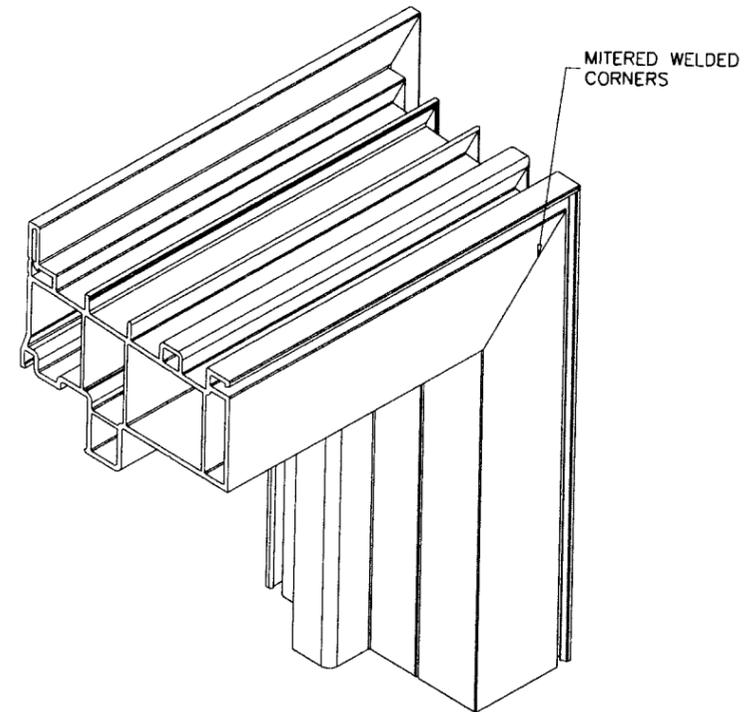
①A FLUSH FRAME



①B FIN FRAME



② GLAZING BEAD



FRAME CORNERS

afC
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W09-47AMP

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no	date	description	MANUF. NAME	REVISED
A	05.06.10			

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 MAY 07 2010

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 10-0513-14
 Expiration Date: JAN 6, 2015
 by *Muhammad Farooq*
 Miami Dade Product Control
 Division

date: 09-10-09
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:
 drawing no.
W09-47
 sheet 7 of 7