



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1107
MIAMI, FLORIDA 33130-1563
(305) 375-2902 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Gopi Glass Sales & Services Corp.
7450 NW 41th Street
Miami, 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 Aluminum Fixed Window – N.I.

APPROVAL DOCUMENT: Drawing No. **W97-11**, titled "Series Aluminum Fixed Window (N.I.)", sheets 1 through 5 of 5, dated 06/24/97 with revision "D" dated 10/05/09, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, 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: None.

LIMITATIONS: Miami-Dade County Product Control Approved Shutters Or Protection Devices Shall Be Required.

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 No. 07-0713.01 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 **Jaime D. Gascon, P. E.**



J. Gascon
3/18/10

NOA No. 10-0107.05
Expiration Date: September 17, 2012
Approval Date: April 7, 2010
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W97-11**, titled "Series Aluminum Fixed Window (N.I.)", sheets 1 through 5 of 5, dated 06/24/97 with revision "**D**" dated 10/05/09, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, P. E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 along with marked-up drawings and installation diagram of aluminum Fixed windows, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL-5379**, dated September 05, 2007, signed and sealed by Carlos S. Rionda, P. E.
(Submitted under previous NOA No.07-0713.01)
2. 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) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of aluminum Fixed windows, prepared by Hurricane Engineering and Testing, Inc., Test Reports No.'s **HETI-97-1096** and **HETI-97-1097**, dated May 06, 1997, both signed and sealed by Hector M. Medina, P. E.
(Submitted under previous NOA No.99-0629.01)
3. 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
4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of aluminum Fixed windows, prepared by Fenestration Testing Lab., Inc., Test Report No. **FTL-1162**, dated June 01, 1995, signed and sealed by Yamil Kuri, P. E.
(Submitted under previous NOA No.95-0630.06)

C. CALCULATIONS

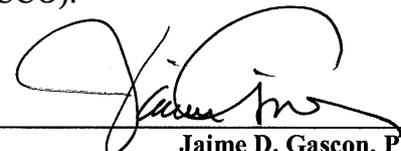
1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 11/18/09, signed and sealed by Arshad Viqar, P. E.
Complies with ASTM E1300-98/ 04

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.



Jaime D. Gascon, P. E.
Chief, Product Control Division
NOA No. 10-0107.05

Expiration Date: September 17, 2012

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Gopi Glass Sales & Services Corp.

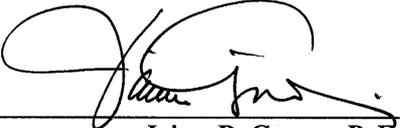
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F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated October 01, 2009, signed and sealed by Arshad Viqar, P. E.
2. Laboratory compliance letter for Test Report No. **FTL-5379**, issued by Fenestration Testing Lab., Inc., dated September 05, 2007, signed and sealed by Carlos S. Rionda, P. E.
(Submitted under previous NOA No.07-0713.01)
2. Laboratory compliance letter for Test Reports No.'s **HETI-97-1096** and **HETI-97-1097**, issued by Hurricane Engineering & Testing, Inc., dated May 06, 1997, both signed and sealed by Hector M. Medina, P. E.
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4. Laboratory compliance letter for Test Report No. **FTL-1162**, issued by Fenestration Testing Lab., Inc., dated June 01, 1995, signed and sealed by Yamil Kuri, P. E.
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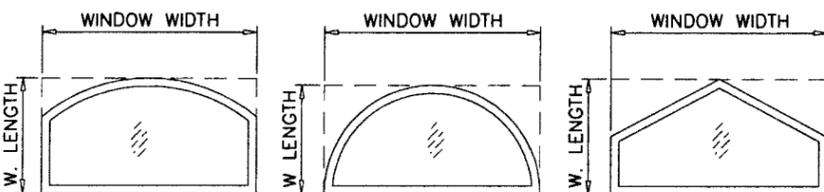
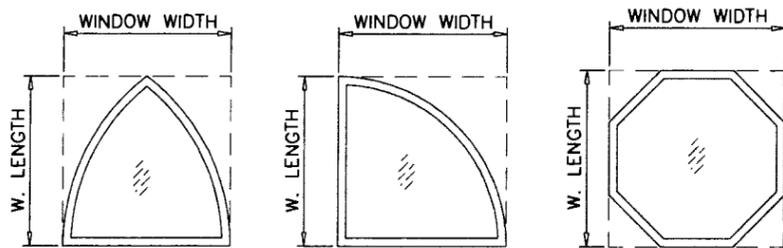
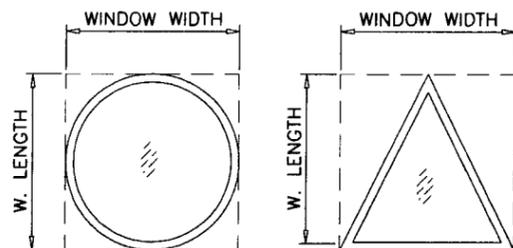
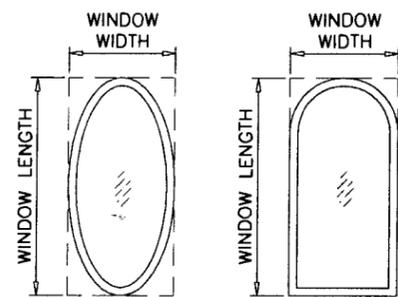
G. OTHERS

1. Notice of Acceptance No. **07-0713.01**, issued to Gopi Glass Sales & Services Corp. for their Series "Aluminum Fixed Window - N. I.", approved on 10/18/07 and expiring on 09/07/12.



Jaime D. Gascon, P. E.
Chief, Product Control Division
NOA No. 10-0107.05

Expiration Date: September 17, 2012
Approval Date: April 7, 2010



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.

ALUMINUM FIXED WINDOW

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIXED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE 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).

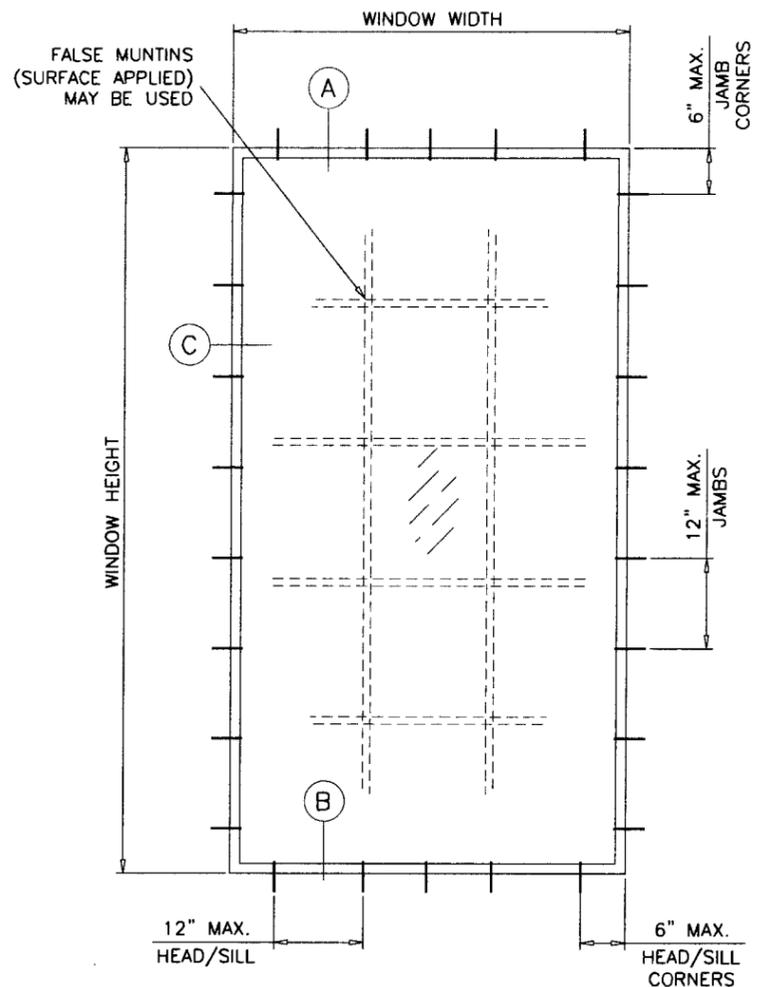
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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.



TYPICAL ELEVATION

WINDOWS NOT RATED FOR IMPACT.
 INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.
 INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

Engr: ARSHAD VIQAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538
 NOV 30 2009

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 10-0107.05
 Expiration Date 09/17/2012
 By: [Signature]
 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\W97-11CG-N

ALUMINUM FIXED WINDOW (N.I.)
GOPI GLASS CORPORATION
 7450 N.W. 41 STREET
 MIAMI, FL. 33166
 TEL. (305) 592-2009 FAX. (305) 477-0992

no	date	description
A	10.31.97	SHAPE ADDED
B	06.07.02	CHARTS REV. PER ASTM E-1300
C	06.11.07	UPDATED FOR 2004 FBC
D	10.05.09	UPDATED FOR 2007 FBC

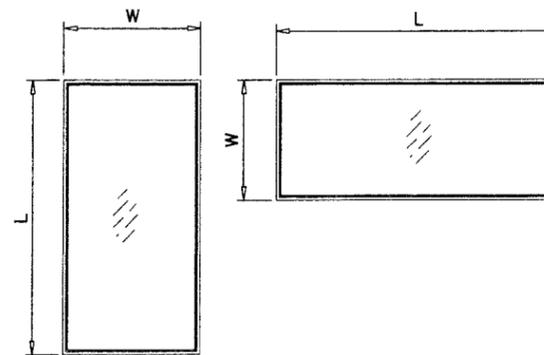
date: 06-24-97
 scale: 1/2" = 1'-0"
 dr. by: HAMID
 chk. by:
 drawing no.
W97-11
 sheet 1 of 5

DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		3/16" ANN. GLASS		1/4" ANN. GLASS		3/16" TEMP. GLASS	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26" (3) *	77.9	77.9	120.6	120.6	133.3	183.9
26-1/2"		57.3	57.3	88.7	88.7	133.3	138.8
32"		57.3	57.3	88.7	88.7	133.3	138.8
37"		57.3	57.3	88.7	88.7	131.9	131.9
42"		57.3	57.3	84.1	84.1	123.9	123.9
48"		57.3	57.3	79.7	79.7	117.3	117.3
53-1/8"		56.8	56.8	76.9	76.9	113.3	113.3
19-1/8"	38-3/8" (4)	77.7	77.7	105.2	105.2	133.3	154.9
26-1/2"		56.2	56.2	87.0	87.0	128.2	128.2
32"		46.6	46.6	72.1	72.1	112.8	112.8
37"		40.3	40.3	62.3	62.3	97.6	97.6
42"		38.8	38.8	60.1	60.1	94.1	94.1
48"		38.8	38.8	60.1	60.1	94.1	94.1
53-1/8"		38.8	38.8	60.1	60.1	90.7	90.7
19-1/8"	50-5/8" (5)	72.0	72.0	97.4	97.4	133.3	143.4
26-1/2"		56.2	56.2	77.2	77.2	113.7	113.7
32"		46.6	46.6	69.0	69.0	101.6	101.6
37"		40.3	40.3	62.3	62.3	94.7	94.7
42"		35.5	35.5	54.9	54.9	85.9	85.9
48"		31.0	31.0	48.0	48.0	75.2	75.2
53-1/8"		29.4	29.4	45.6	45.6	71.3	71.3
19-1/8"	63" (6)	68.8	68.8	93.1	93.1	133.3	137.1
26-1/2"		53.3	53.3	72.2	72.2	106.3	106.3
32"		46.6	46.6	63.3	63.3	93.2	93.2
37"		40.3	40.3	57.8	57.8	85.1	85.1
42"		35.5	35.5	53.9	53.9	79.4	79.4
48"		-	-	48.0	48.0	74.9	74.9
53-1/8"		-	-	43.4	43.4	68.0	68.0
19-1/8"	74-1/4" (7)	67.0	67.0	90.6	90.6	133.3	133.5
26-1/2"		51.3	51.3	69.4	69.4	102.2	102.2
32"		39.6	39.6	54.8	54.8	88.6	88.6
37"		35.8	35.8	46.8	46.8	80.1	80.1
42"		-	-	43.8	43.8	73.8	73.8
48"		-	-	42.0	42.0	68.5	68.5
53-1/8"		-	-	-	65.2	65.2	

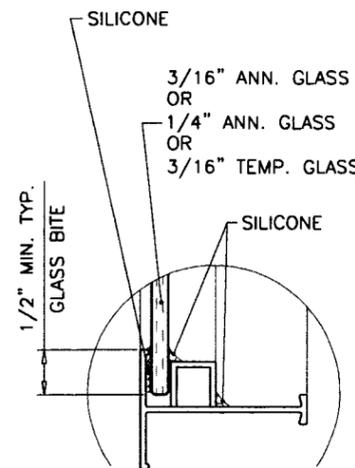
* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS AT LONGER SIDES

DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		3/16" ANN. GLASS		1/4" ANN. GLASS		3/16" TEMP. GLASS	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	24" (2) *	61.7	61.7	96.1	96.1	133.3	150.4
36"		61.7	61.7	94.4	94.4	133.3	139.0
48"		61.7	61.7	83.9	83.9	123.6	123.6
60"		57.9	57.9	78.7	78.7	115.8	115.8
24"	36" (3)	61.7	61.7	94.4	94.4	133.3	139.0
36"		41.1	41.1	64.1	64.1	100.3	100.3
48"		41.1	41.1	64.1	64.1	98.9	98.9
60"		41.1	41.1	59.9	59.9	88.3	88.3
24"	48" (4)	61.7	61.7	83.9	83.9	123.6	123.6
36"		41.1	41.1	64.1	64.1	98.9	98.9
48"		30.8	30.8	48.0	48.0	75.2	75.2
60"		-	-	48.0	48.0	75.2	75.2
24"	60" (5)	57.9	57.9	78.7	78.7	115.8	115.8
36"		41.1	41.1	59.9	59.9	88.3	88.3
48"		-	-	48.0	48.0	75.2	75.2
60"		-	-	38.4	38.4	60.2	60.2
24"	72" (6)	55.6	55.6	75.5	75.5	111.2	111.2
36"		37.6	37.6	49.8	49.8	82.4	82.4
48"		-	-	43.8	43.8	69.5	69.5
60"		-	-	-	-	60.2	60.2
24"	84" (7)	54.0	54.0	73.4	73.4	108.1	108.1
36"		-	-	42.1	42.1	78.6	78.6
48"		-	-	-	-	64.9	64.9
24"	96" (8)	52.9	52.9	71.9	71.9	105.9	105.9
36"		-	-	38.1	38.1	76.0	76.0
48"		-	-	-	-	61.8	61.8
24"	108" (9)	52.1	52.1	70.8	70.8	104.3	104.3
36"		-	-	-	-	74.1	74.1
24"	120" (10)	-	-	65.4	65.4	103.0	103.0
36"		-	-	-	-	72.7	72.7

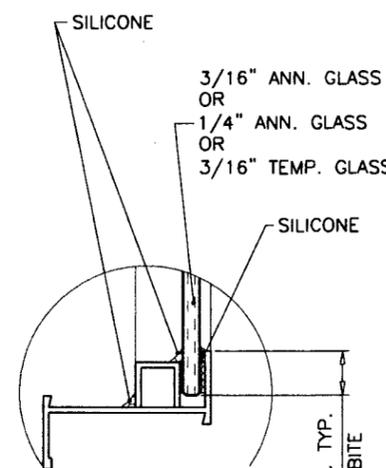
* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS AT LONGER SIDES



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



GLAZING DETAIL
INSIDE GLAZED WDW.



GLAZING DETAIL
OUTSIDE GLAZED WDW.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS).

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538

Am
NOV 30 2009

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By: [Signature]
Miami Dade Product Control
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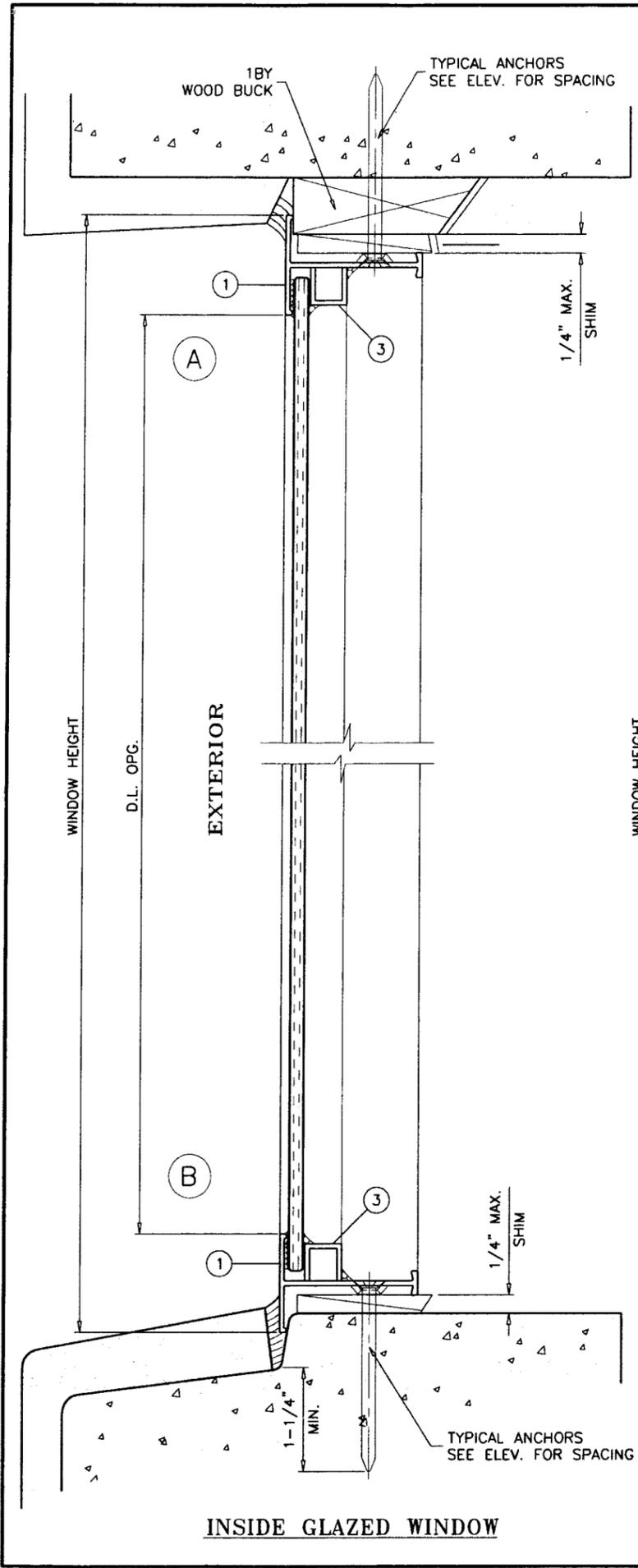
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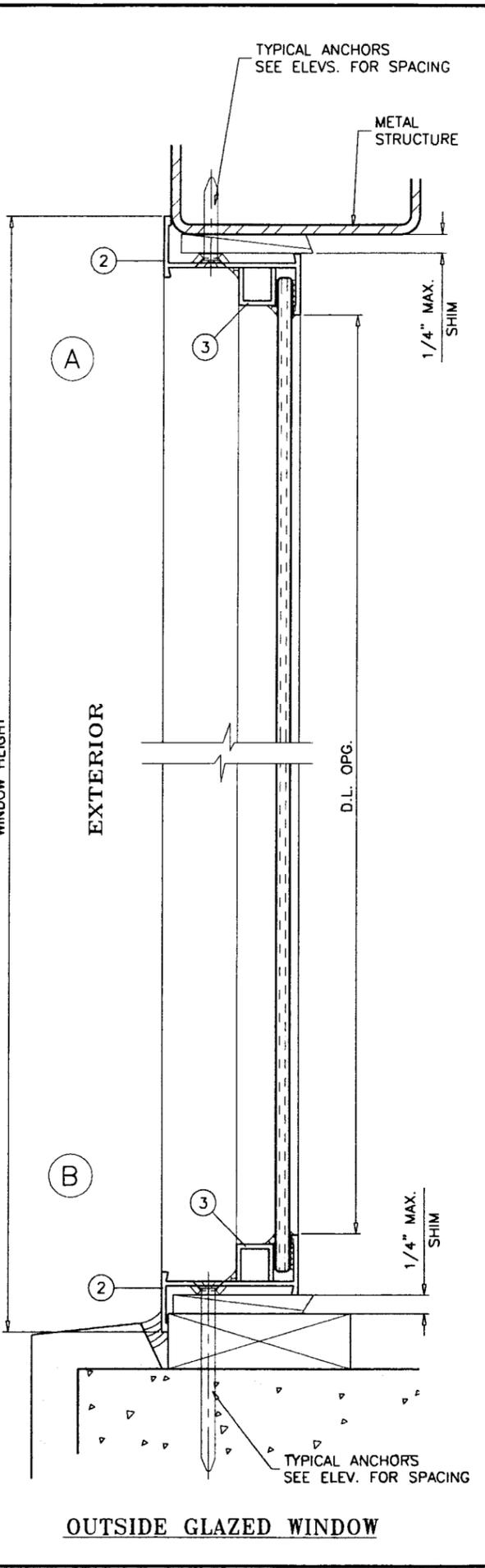
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C	06.11.07	HAMID	UPDATED FOR 2004 FBC
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date: 06-24-97
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

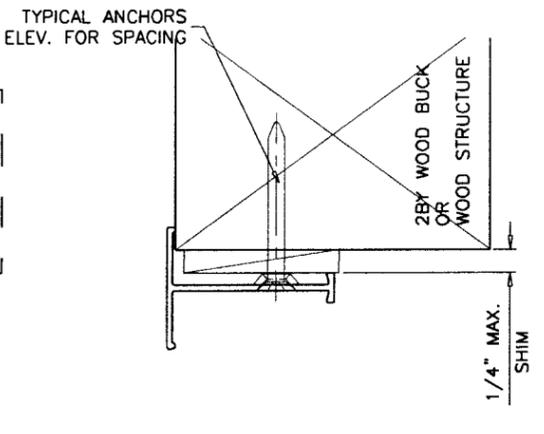
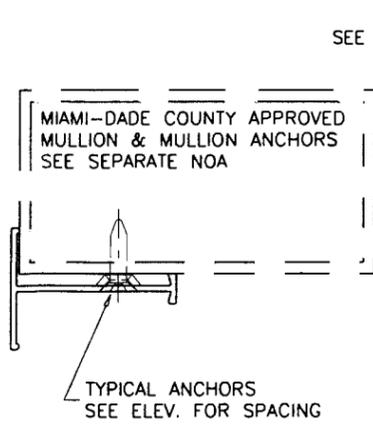
drawing no.
W97-11
sheet 2 of 5



INSIDE GLAZED WINDOW



OUTSIDE GLAZED WINDOW



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
3/16" 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 SELF DRILLING SCREWS (GRADE 4 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
 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)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 1-7/8" 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.

SEALANTS:
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH CRL SMALL JOINT SEALER.

Engr: ARSHAD VIQAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538

 NOV 30 2009

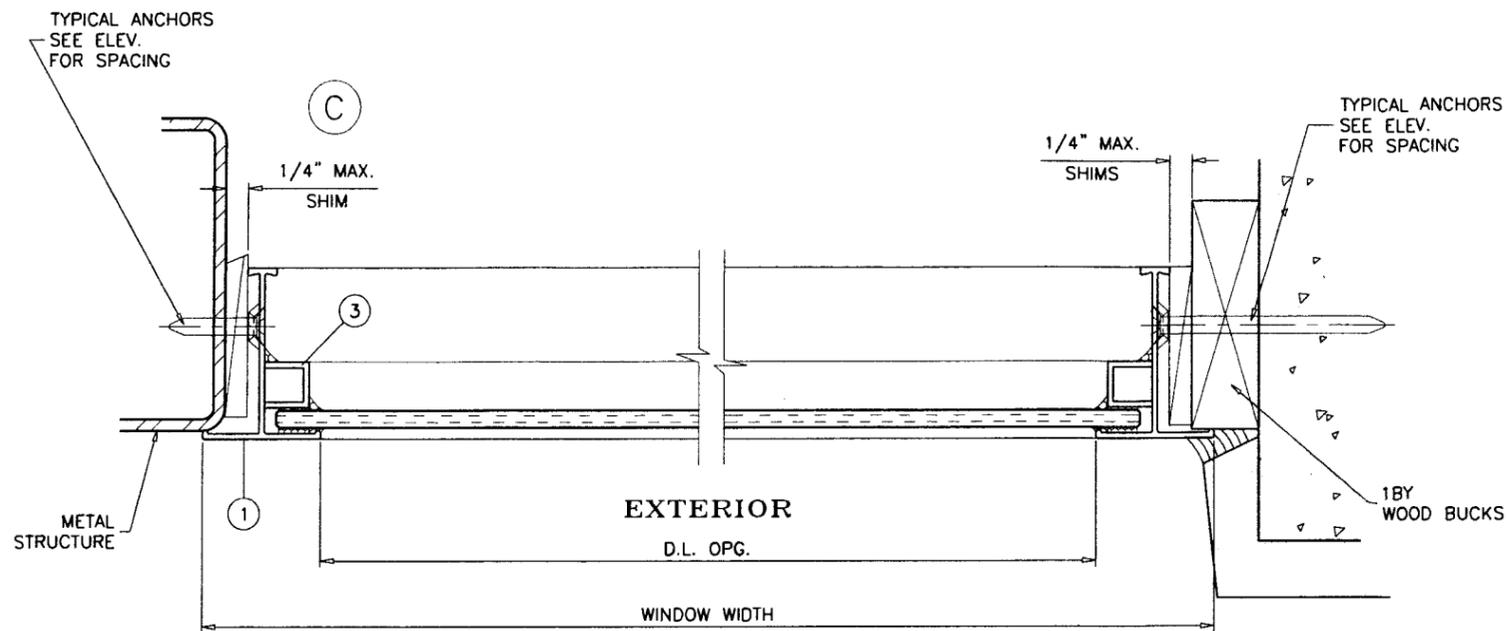
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 as complying with the Florida
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 By:
 Miami Dade Product Control
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af c
AL-FAROOQ CORPORATION
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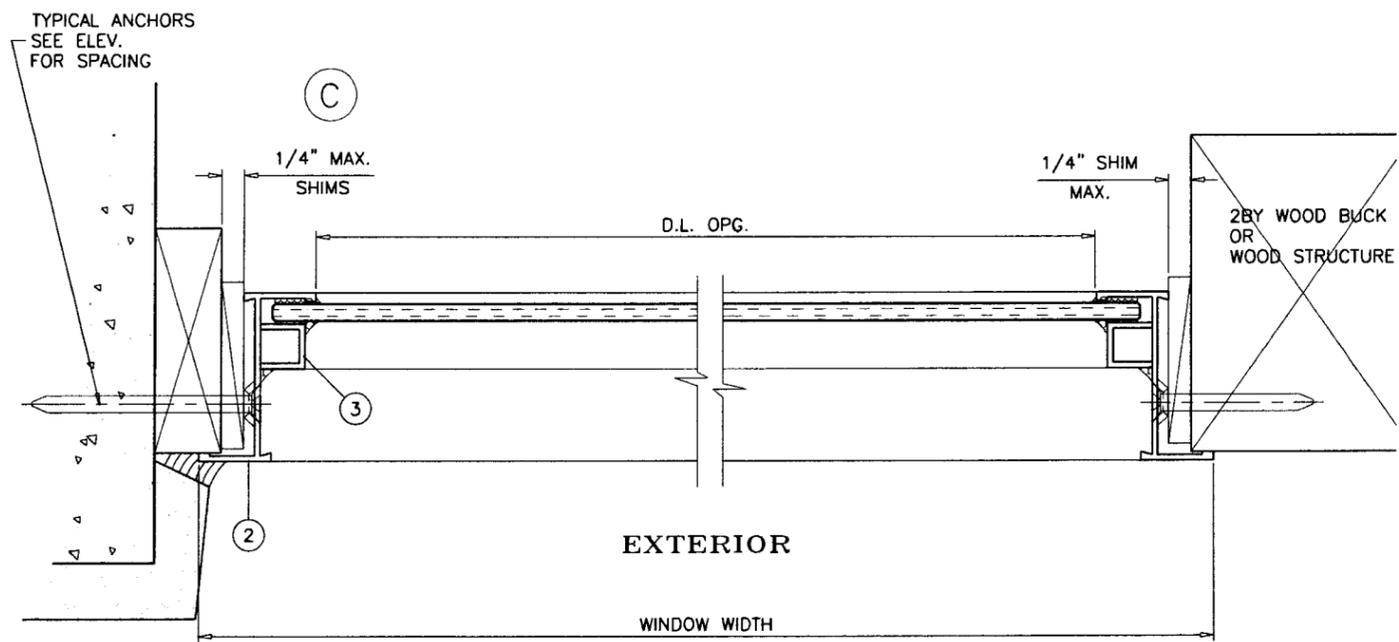
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revisions:	no	date	by	description
	C	06.11.07		UPDATED FOR 2004 FBC
	D	10.05.09		UPDATED FOR 2007 FBC

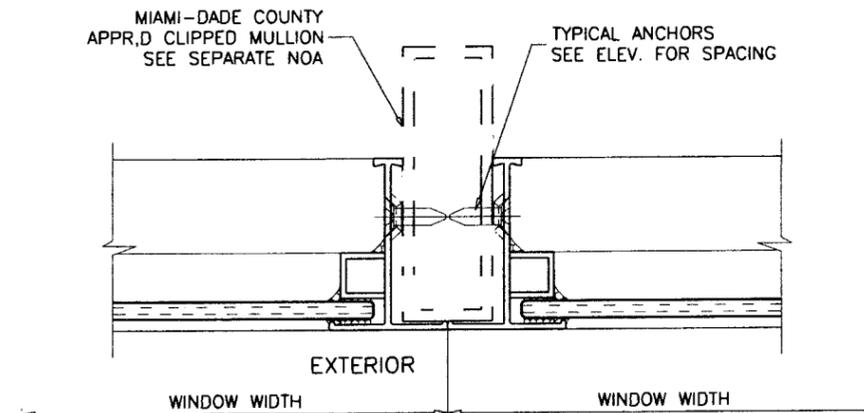
date: 06-24-97
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:
 drawing no.
W97-11
 sheet 3 of 5



INSIDE GLAZED WINDOW



OUTSIDE GLAZED WINDOW



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 as complying with the Florida
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 By *[Signature]*
 Miami Dade Product Control
 Division

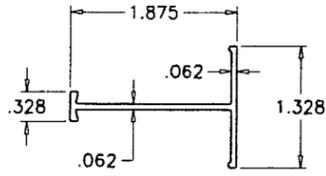
afc
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL/W97-11GG-N

ALUMINUM FIXED WINDOW (N.I.)
GOPI GLASS CORPORATION
 7450 N.W. 41 STREET
 MIAMI, FL. 33166
 TEL. (305) 592-2009 FAX. (305) 477-0992

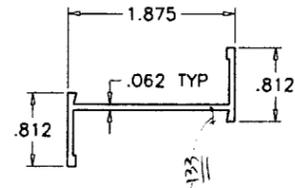
revisions:	no	date	by	description
	C	06.11.07		UPDATED FOR 2004 FBC
	D	10.05.09		UPDATED FOR 2007 FBC

date: 06-24-97
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:
 drawing no.
W97-11
 sheet 4 of 5

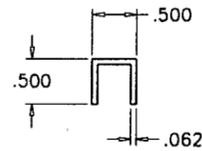
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	4	WINDOW FRAME (I.G. WDW.)	6063-T5	-
2	-	4	WINDOW FRAME (O.G. WDW.)	6063-T5	-
3	-	4	GLAZING STOP	6063-T5	-



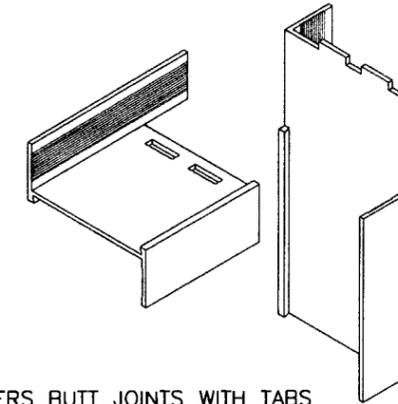
① FRAME I.G. WINDOW



② FRAME O.G. WINDOW



③ GLAZING STOP



FRAME CORNERS BUTT JOINTS WITH TABS
AND SEALED WITH CLEAR COLORED SEALANT
FRAME CORNER DETAIL

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
Ar
NOV 30 2009

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 10-0107-05
Expiration Date 09/17/2012
By *[Signature]*
Miami Dade Product Control
Division

afc
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
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sheet 5 of 5