



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](http://www.miamidade.gov/buildingcode)

**New Age Windows & Doors Corporation**  
7196 NW 77 Terrace  
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 "100" Aluminum Single Hung Window - N.I.**

**APPROVAL DOCUMENT:** Drawing No. **W95-45**, titled "Series 100 Alum Single Hung Window (N.I.)", sheets 1 through 4 of 4, prepared by Al Farooq Corporation, dated 10/17/1995 with revision F dated 10/29/2007, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: None**

**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.

**REVISION** 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 **renews NOA # 02-0801.02** and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



*J. Gascon*  
11/20/07

NOA No. 07-0919.01  
Expiration Date: September 26, 2012  
Approval Date: December 13, 2007  
Page 1

New Age Windows & Doors Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS**
1. Manufacturer's die drawings and sections.
  2. Drawing No. **W95-45**, titled "Series 100 Alum Single Hung Window (N.I.)", sheets 1 through 4 of 4, prepared by Al Farooq Corporation, dated 10/17/1995 with revision F dated 10/29/2007, signed and sealed by Humayoun Farooq, P.E.
- B. TESTS**
1. Test reports on 1) Air Infiltration Test, 202-94  
2) Uniform Static Air Pressure Test, 202-94  
3) Water Resistance Test, 202-94  
4) Forced Entry Test, 202-94  
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1804** dated December 22, 1997, signed and sealed by Gilbert Diamond, P.E.  
*(Submitted under NOA# 02-0801.02)*
- C. CALCULATIONS**
1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 06/07/2007, signed and sealed by Humayoun Farooq, P.E.  
**Complies with ASTM E1300-98/02**
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. STATEMENTS**
1. Statement letter of conformance, no financial interest and compliance, dated 06/07/2007, signed and sealed by Humayoun Farooq, P.E.
  2. Statement letter of addendum by Fenestration Testing Laboratory, Inc., for Test Report No. **FTL-1804**, dated September 28, 1998, signed and sealed by Gilbert Diamond, P.E.  
*(Submitted under NOA# 02-0801.02)*
- G. OTHER**
1. Notice of Acceptance No. **02-0801.02**, issued to New Age Windows & Doors Corporation for their Series "Alum Single Hung Window", approved on 09/12/2002 and expiring on 09/26/2007.



Jaime D. Gascon, P.E.  
Chief, Product Control Division  
NOA No. 07-0919.01

Expiration Date: September 26, 2012  
Approval Date: December 13, 2007

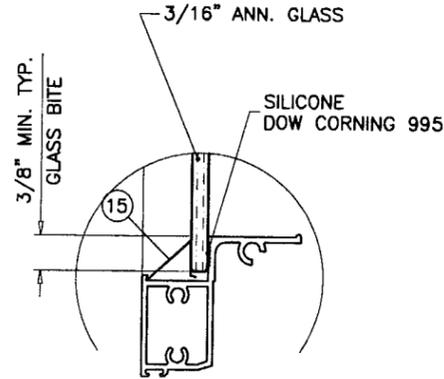
DESIGN LOAD CAPACITY - PSF ANCHORS TYPE 'A'			
WINDOW DIMS.		3/16" ANN. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26" (3)	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	125.0
37"		66.7	125.0
42"		66.7	112.3
48"		66.7	94.9
53-1/8"		66.7	83.8
19-1/8"	38-3/8" (4)	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	119.8
37"		66.7	101.1
42"		66.7	84.0
48"		66.7	69.9
53-1/8"		61.1	61.1
19-1/8"	50-5/8" (5)	66.7	125.0
26-1/2"		66.7	120.6
32"		66.7	105.7
37"		66.7	87.5
42"		66.7	71.0
48"		57.9	57.9
53-1/8"		50.1	50.1
19-1/8"	56" (6)	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	111.4
37"		66.7	84.3
42"		66.7	67.6
48"		54.6	54.6
53-1/8"		46.9	46.9
19-1/8"	63" (6)	66.7	125.0
26-1/2"		66.7	108.8
32"		66.7	95.4
37"		66.7	82.0
42"		64.6	64.6
48"		51.4	51.4
53-1/8"		43.8	43.8
19-1/8"	74-1/4" (7)	66.7	125.0
26-1/2"		66.7	103.5
32"		66.7	89.8
37"		66.7	80.9
42"		62.2	62.2
48"		48.3	48.3
53-1/8"		40.5	40.5

( ) NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB

DESIGN LOAD CAPACITY - PSF ANCHORS TYPE 'B'			
WINDOW DIMS.		3/16" ANN. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26" (3)	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	125.0
37"		66.7	125.0
42"		66.7	125.0
48"		66.7	118.9
53-1/8"		66.7	105.8
19-1/8"	38-3/8" (4)	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	125.0
37"		66.7	122.0
42"		66.7	103.2
48"		66.7	87.1
53-1/8"		66.7	76.8
19-1/8"	50-5/8" (5)	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	125.0
37"		66.7	104.1
42"		66.7	86.4
48"		66.7	71.7
53-1/8"		62.6	62.6
19-1/8"	56" (6)	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	124.2
37"		66.7	99.6
42"		66.7	81.8
48"		66.7	67.4
53-1/8"		58.6	58.6
19-1/8"	63" (6)	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	108.4
37"		66.7	95.8
42"		66.7	77.6
48"		63.2	63.2
53-1/8"		54.5	54.5
19-1/8"	74-1/4" (7)	66.7	125.0
26-1/2"		66.7	111.5
32"		66.7	94.3
37"		66.7	80.9
42"		66.7	73.7
48"		58.7	58.7
53-1/8"		50.0	50.0

( ) NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-02 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219



TYP. GLAZING DETAIL

**SERIES 100 ALUMINUM SINGLE HUNG WINDOW**

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG 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.

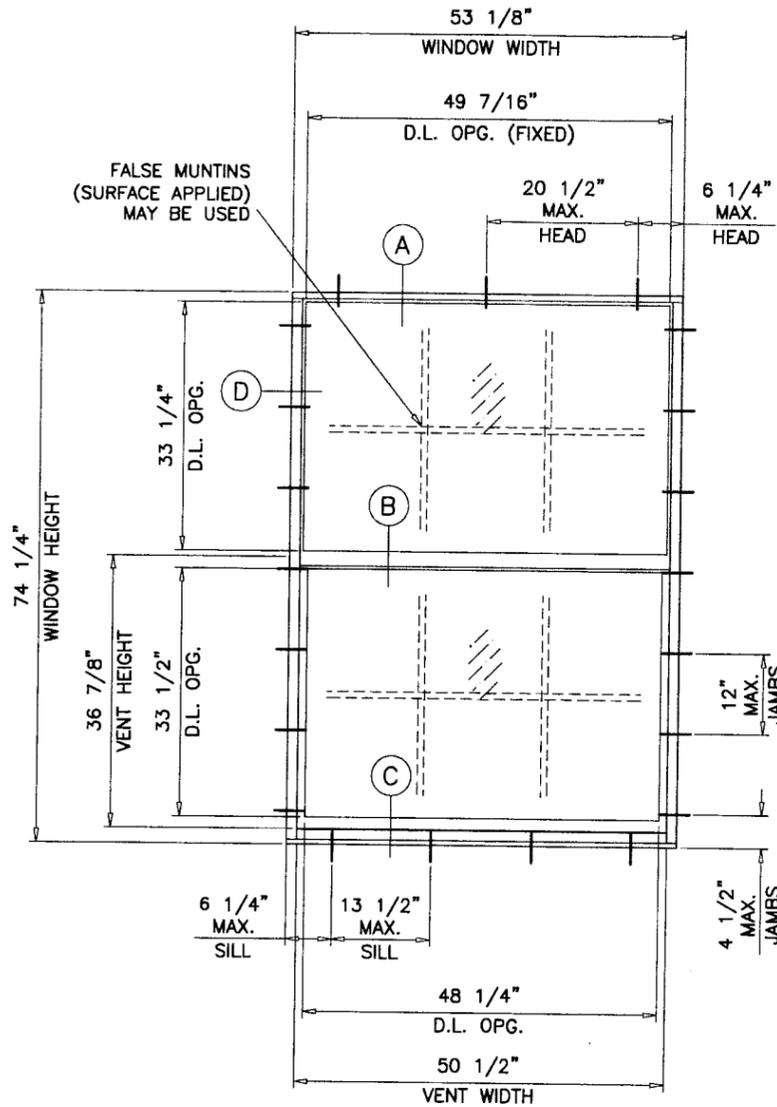
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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 IN ALLOWABLE STRESS 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 2004 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: DR. HUMAYUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

OCT 30 2007

MONOLITHIC GLASS  
NON-IMPACT

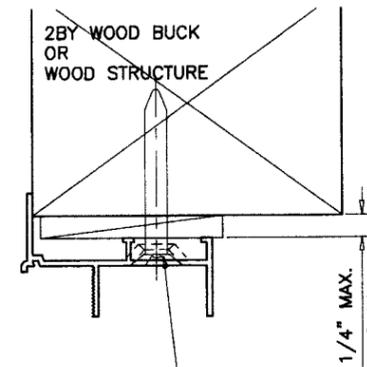
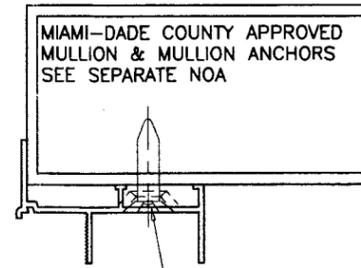
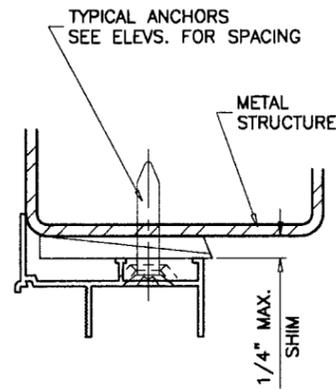
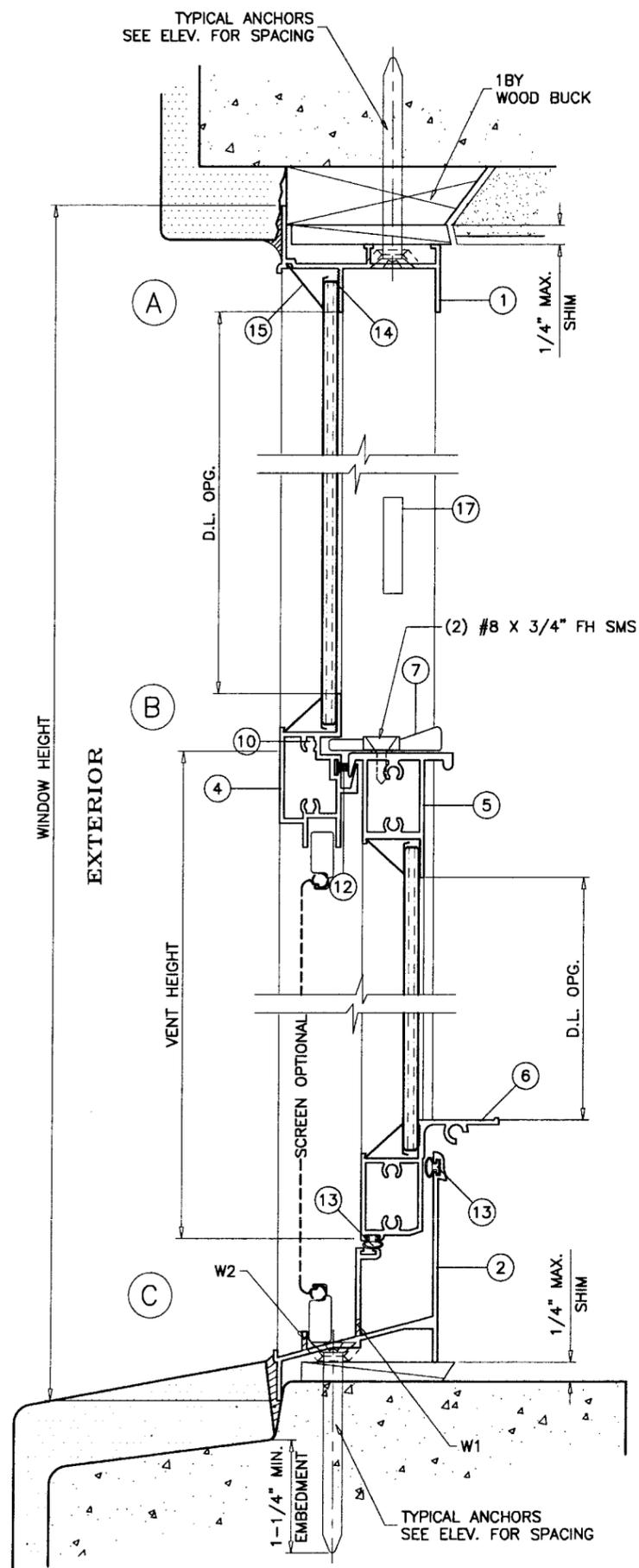
PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 07-0919.01  
Expiration Date 09/26/2012  
By: *[Signature]*  
Miami Dade Product Control  
Division

**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\W95-45NA

SERIES 100 ALUMINUM SINGLE HUNG WDW. (N.I.)  
**NEW AGE WINDOWS & DOORS**  
7196 N.W. 77TH TERRACE  
MEDLEY, FL. 33166  
TEL. (305) 889-0703 FAX. (305) 889-0710

no	date	by	description
B	9.19.98	H	ANCHOR SPACING ADDED
C	07.11.02	H	CHARTS REV. PER ASTM E-1300
D	06.08.07	H	UPDATED FOR 2004 FBC
E	10.22.07	H	REV. PER BCCO COMMENTS
F	10.29.07	H	NO CHANGE THIS SHEET

date: 10-17-95  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:  
drawing no. **W95-45**  
sheet 1 of 4



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

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING AND CHART ON SHEET 1 FOR CAPACITY

**ANCHORS TYPE 'A'**

**1/4" TAPCONS BY 'ELCO'**

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-1/2" 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

**ANCHORS TYPE 'B'**

**5/16" TAPCONS BY 'ELCO'**

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-1/2" 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

**#14 SMS OR SELF DRILLING SCREWS**

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**

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

**ANCHORS EDGE DISTANCES**

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

**SEALANTS:**

FRAME CORNERS AND INSTALLATION SCREWS SEALED WITH SEAM SEALER. FIXED MEETING RAIL SEAMS SEALED WITH SILICONE.

**WEEPHOLES:**

W1 = 1/2" X 1/4" WEEP HOLE AT 2-3/8" FROM EACH END  
W2 = 1/2" LONG NOTCH AT EACH END

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

OCT 30 2007

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as complying with the Florida  
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Acceptance No. 07-0919, 01  
Expiration Date 09/26/2012

By: *[Signature]*  
Miami Dade Product Control  
Division

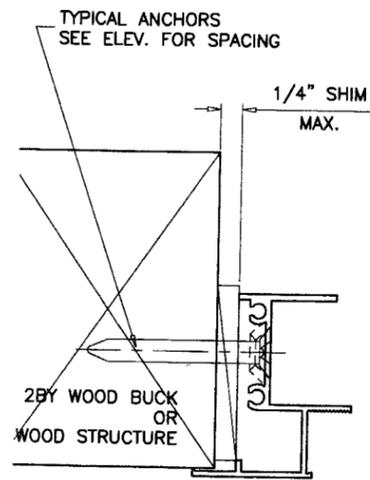
**af c**  
**AL-FAROOQ CORPORATION**  
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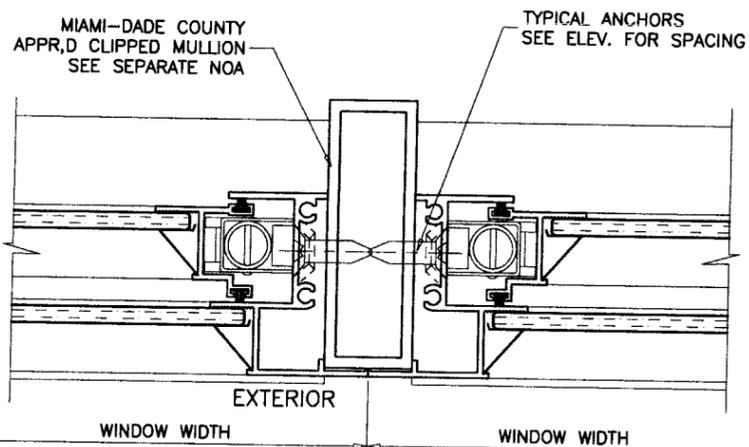
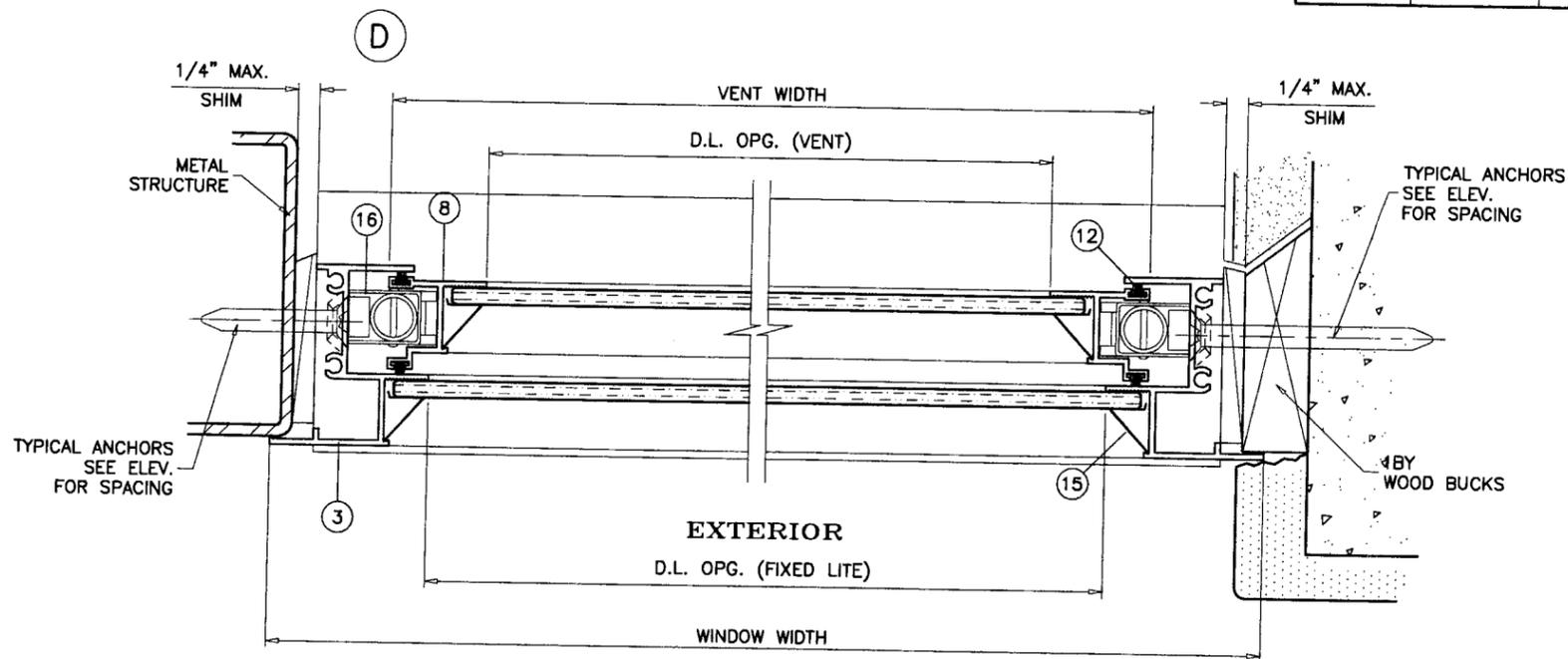
revisions:	no	date	description
	D	06.08.07	UPDATED FOR 2004 FBC
	E	10.22.07	REV. PER BCCO COMMENTS
	F	10.29.07	ANCHOR EMBED ADDED

date: 10-17-95  
scale: 1/2"=1'-0"  
dr. by:  
chk. by:

drawing no. **W95-45**  
sheet 2 of 4



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	BA-4573	1	FRAME HEAD	6063-T6	-
2	NEWA-32	1	FRAME SILL	6063-T5	-
3	BA-4386	2	FRAME JAMB	6063-T5	-
4	SW-41673	1	MEETING RAIL	6063-T5	-
5	BA-4638	1	VENT TOP RAIL	6063-T5	-
6	BA-4764	1	VENT BOTTOM RAIL	6063-T6	-
7	-	2/VENT	SWEEP LATCH	ZAMAK	AT 8-1/4" FROM EACH END
8	BA-4425	2/ VENT	VENT SIDE RAIL	6063-T5	-
9	-	2/ CORNER	FRAME ASSEMBLY SCREWS	-	#8 X 1" P.H. SMS
10	-	2/ CORNER	VENT ASSEMBLY SCREWS	-	#8 X 1" P.H. SMS
11	-	-	-	-	-
12	-	AS REQD.	FIN SEAL PILE (.187 X .250)	-	ULTRAFAB
13	FP-389-AW	AS REQD.	BULB WEATHER STRIP (.185 X .250)	VINYL	PROTOTYPE PLASTICS
14	860	AS REQD.	BACK BEDDING	SILICONE	PECORA CORP.
15	-	AS REQD.	GLAZING BEAD	ALUMINUM	ROLL FORMED
16	3530	2	BLOCK & TACKLE BALANCE	2	5/8" BOX, WINDOW COMPONENTS
17	-	2	TAKE OUT CLIP AT ±3" FROM TOP RAIL	STEEL	AT EACH JAMB



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By *[Signature]*  
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ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

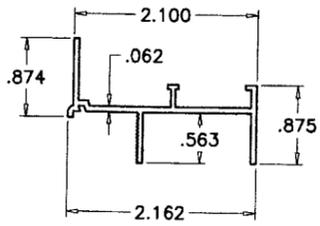
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no	date	by	description
D	06.08.07	H	UPDATED FOR 2004 FBC
E	10.22.07	H	NO CHANGE THIS SHEET
F	10.29.07	H	NO CHANGE THIS SHEET

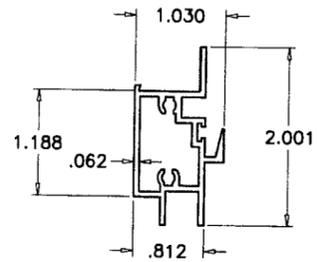
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scale: 1/2"=1'-0"  
dr. by:  
chk. by:

drawing no.  
W95-45

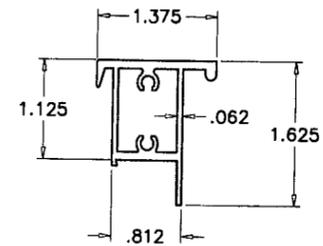
sheet 3 of 4



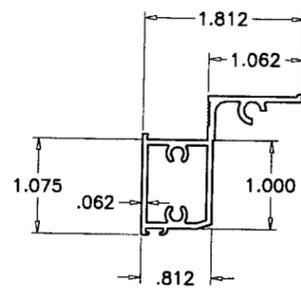
1 FRAME HEAD



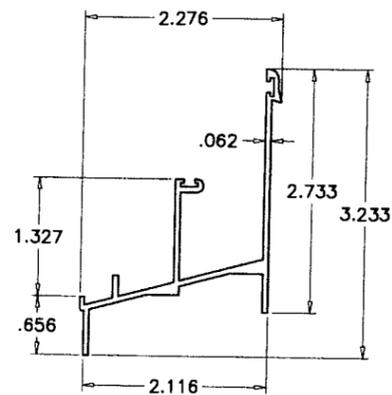
4 MEETING RAIL



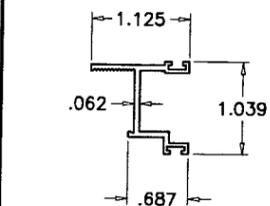
5 VENT TOP RAIL



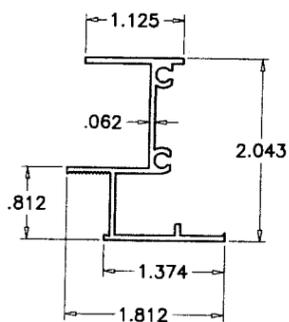
6 VENT BOTTOM RAIL



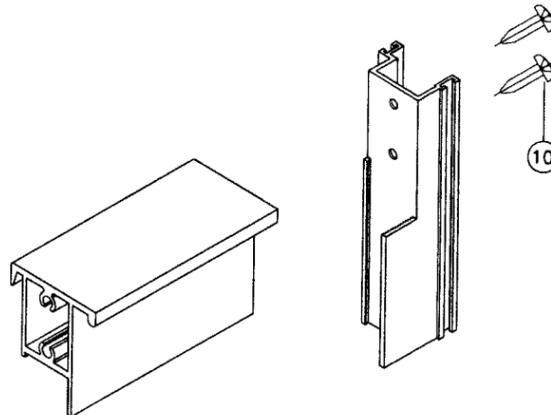
2 FRAME SILL



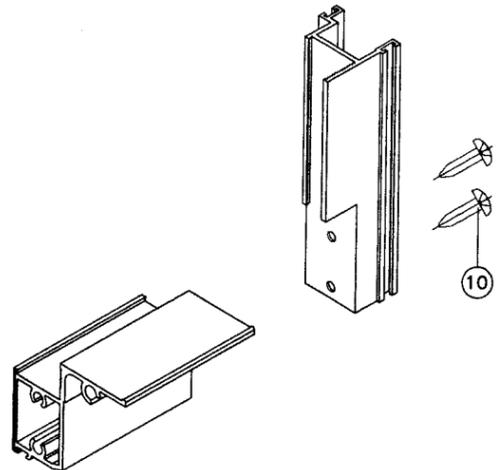
8 SASH SIDE RAIL



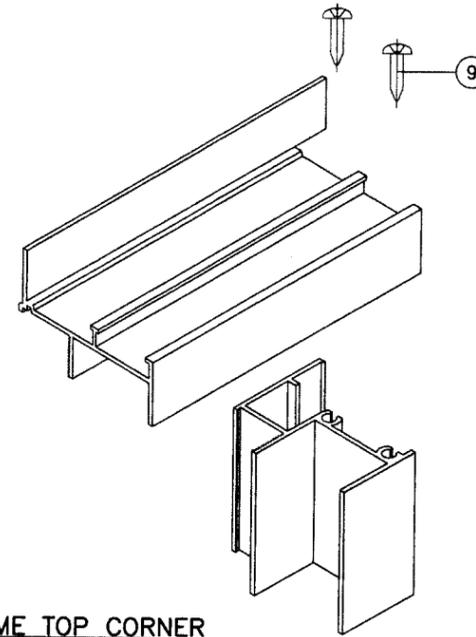
3 FRAME JAMB



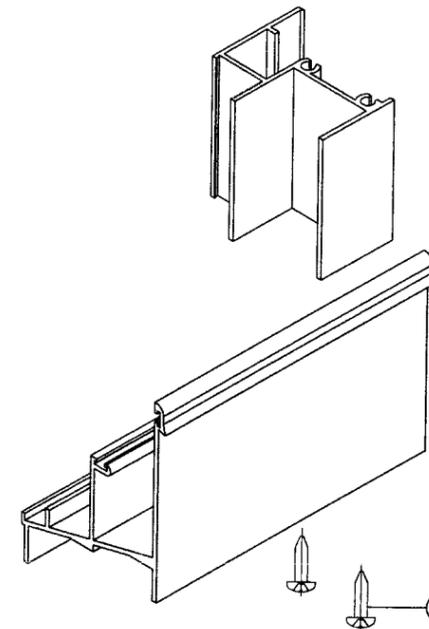
VENT TOP CORNER



VENT BOTTOM CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER

Engr: DR. HUMAYOON FAROOQ  
STRUCTURES  
F.L.A. PE # 16557  
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COMP-ANL\W95-45NA

SERIES 100 ALUMINUM SINGLE HUNG WDW. (N.I.)  
NEW AGE WINDOWS & DOORS  
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TEL. (305) 889-0703 FAX. (305) 889-0710

no	date	description
D	06.08.07	UPDATED FOR 2004 FBC
E	10.22.07	H NO CHANGE THIS SHEET
F	10.29.07	H NO CHANGE THIS SHEET

date: 10-17-95  
scale: 1/2"=1'-0"  
dr. by:  
chk. by:  
drawing no. W95-45  
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