



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

Universal Aluminum Windows & Doors, Inc.
1675 West 31st Place
Hialeah ,FL 33012

Your application for Notice of Acceptance (NOA) of:

Series 1000 Aluminum Single Hung Window

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.

ACCEPTANCE NO.: 00-0920.01
EXPIRES: 11/03/2003

Raul Rodriguez
Chief Product Control Division

**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: 11/03/2000

NOTICE OF ACCEPTANCE SPECIFIC CONDITIONS

1. SCOPE

1.1 This **revises and renews** the Notice of Acceptance No. 95-0418.02, which was issued on May 09, 1996. It approves an aluminum single hung window 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 drawings.

2. PRODUCT DESCRIPTION

2.1 The **Series 1000 Aluminum Single Hung Window – Impact Resistant**, and its components shall be constructed in strict compliance with the following document: Drawing No. **W99-51**, titled “S-1000 Aluminum Single Hung Window,” Sheet 1 thru 4 of 4, dated July 02, 1999, prepared by Al-Farooq Corp., 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

3.1 This approval applies to single unit applications of an aluminum single hung window, as shown in the approved drawings.

4. INSTALLATION:

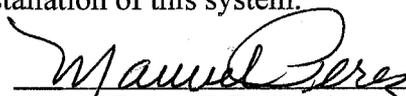
4.1 The aluminum single hung window and its components shall be constructed in strict compliance with the approved drawings.
4.2 Hurricane protection system (shutters): the installation of this unit **will require** a hurricane protection system.

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

Universal Aluminum Windows & Doors, Inc.

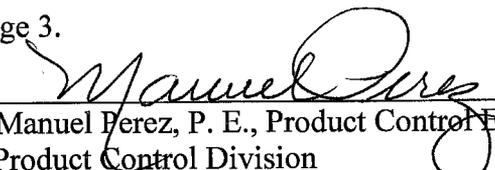
ACCEPTANCE No.: 00-0920.01

APPROVED : NOV 03 2000

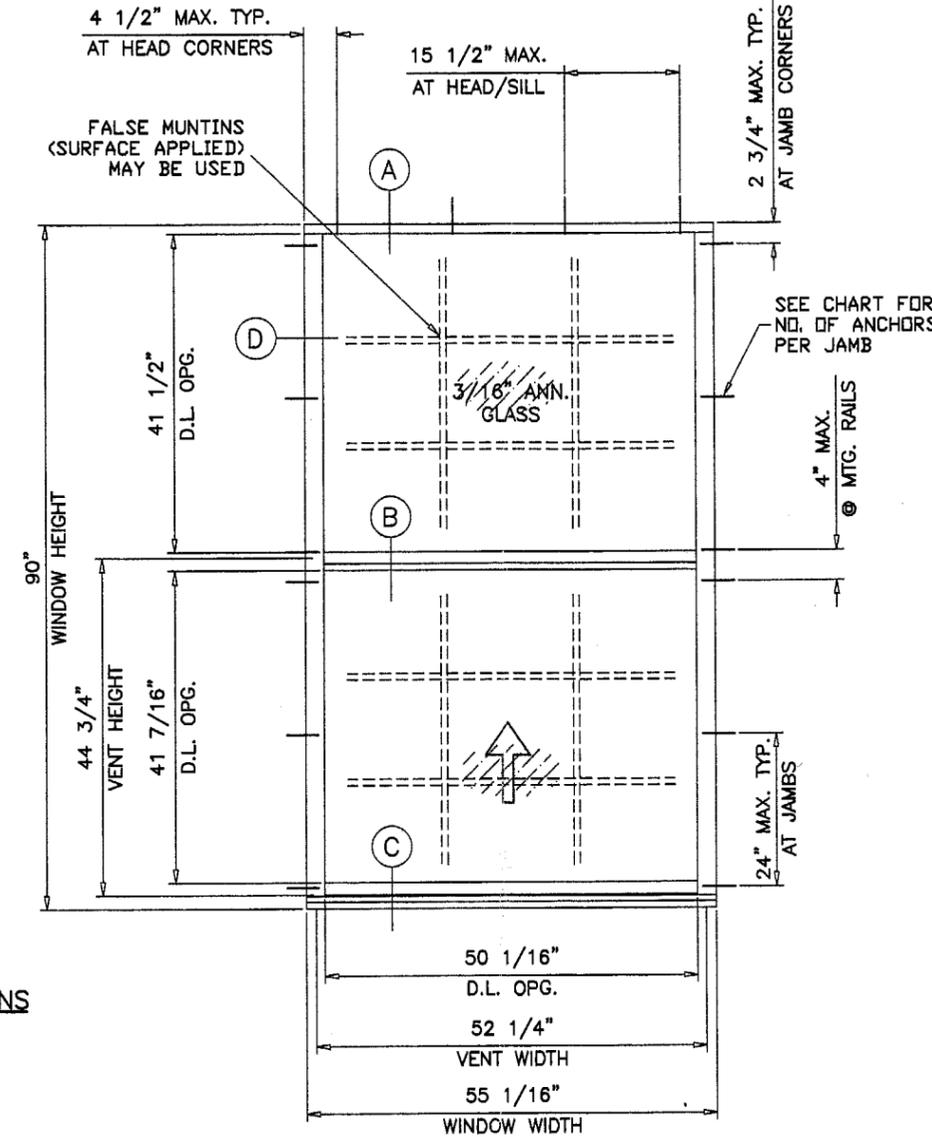
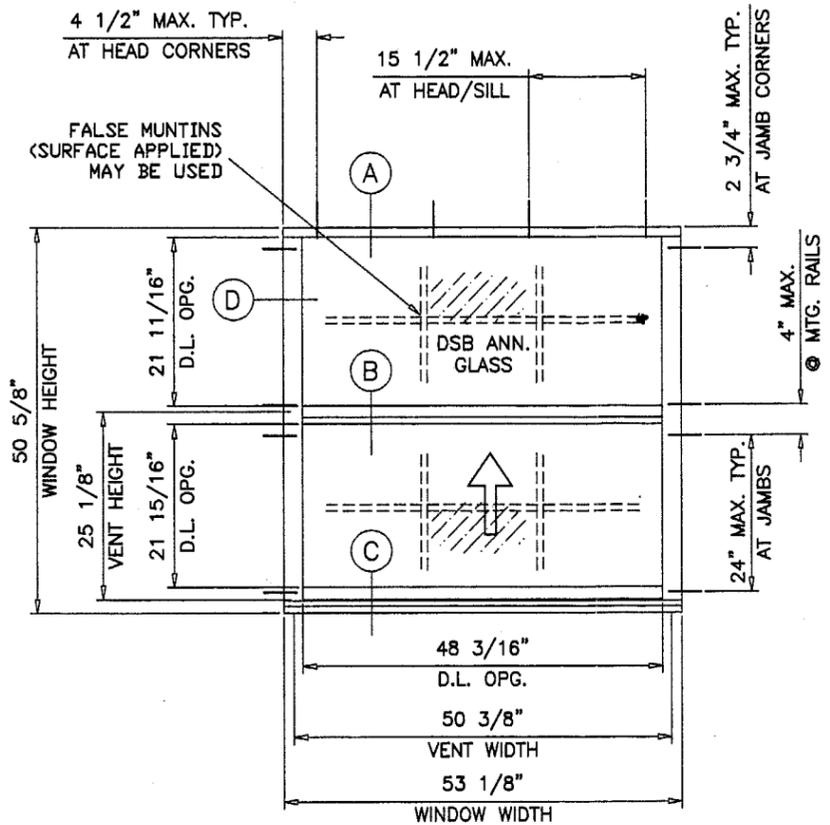
EXPIRES : NOV 03 2003

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 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 times. The engineer does not need to reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Acceptance contains pages 1, 2 and this last page 3.


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

END OF THIS ACCEPTANCE



TYPICAL ELEVATIONS
TESTED UNITS

DESIGN LOAD CAPACITY - PSF

WINDOW DIMS.		DSB ANN. GLASS		3/16" ANN. GLASS							
		STD. TOP RAIL		MID-RISE TOP RAIL				HI-RISE TOP RAIL			
		3/16" TAPCONS	3/16" TAPCONS	1/4" TAPCONS	3/16" TAPCONS	1/4" TAPCONS	3/16" TAPCONS	1/4" TAPCONS	3/16" TAPCONS	1/4" TAPCONS	
WIDTH	HEIGHT	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
19-1/8"	26" (4) *	66.7	66.7	93.3	121.4	-	-	93.3	121.4	-	-
26-1/2"		66.7	66.7	93.3	121.4	-	-	93.3	121.4	-	-
37"		66.7	66.7	93.3	121.4	-	-	93.3	121.4	-	-
53-1/8"		66.7	66.7	93.3	108.8	93.3	121.4	93.3	108.8	93.3	121.4
19-1/8"	38-3/8" (4)	66.7	66.7	93.3	121.4	-	-	93.3	121.4	-	-
26-1/2"		66.7	66.7	93.3	121.4	-	-	93.3	121.4	-	-
37"		66.7	66.7	93.3	105.9	93.3	121.4	93.3	105.9	93.3	121.4
53-1/8"		57.3	57.3	73.7	73.7	93.3	106.8	73.7	73.7	93.3	119.1
19-1/8"	50-5/8" (4)	66.7	66.7	93.3	121.4	-	-	93.3	121.4	-	-
26-1/2"		66.7	66.7	93.3	112.1	93.3	121.4	93.3	112.1	93.3	121.4
37"		66.7	66.7	80.3	80.3	93.3	121.4	80.3	80.3	93.3	121.4
53-1/8"		46.7	46.7	55.9	55.9	87.1	87.1	55.9	55.9	93.3	95.2
19-1/8"	56" (6)	66.7	66.7	93.3	121.4	-	-	93.3	121.4	-	-
26-1/2"		66.7	66.7	93.3	121.4	-	-	93.3	121.4	-	-
37"		66.7	66.7	93.3	108.8	93.3	121.4	93.3	108.8	93.3	121.4
53-1/8"		43.0	43.0	75.8	75.8	81.4	81.4	75.8	75.8	85.0	85.0
19-1/8"	63" (6)	66.7	66.7	93.3	121.4	-	-	93.3	121.4	-	-
26-1/2"		66.7	66.7	93.3	121.4	-	-	93.3	121.4	-	-
37"		61.3	61.3	93.3	96.7	93.3	111.6	93.3	96.7	93.3	111.6
53-1/8"		-	-	67.4	67.4	74.7	74.7	67.4	67.4	74.7	74.7
19-1/8"	74-1/4" (6)	66.7	66.7	93.3	121.4	-	-	93.3	121.4	-	-
26-1/2"		66.7	66.7	93.3	114.6	93.3	121.4	93.3	114.6	93.3	121.4
37"		-	-	82.1	82.1	93.3	93.3	82.1	82.1	93.3	93.3
53-1/8"		-	-	57.2	57.2	62.4	62.4	57.2	57.2	62.4	62.4

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

NOTES:

- THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7-88 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.

WINDOWS TO BE PROTECTED WITH
DADE COUNTY APPROVED
IMPACT RESISTANT SHUTTERS

Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
JUL 12 1999

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *November 03, 2000*
BY *Manuel...*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0920.01*

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W99-51UW

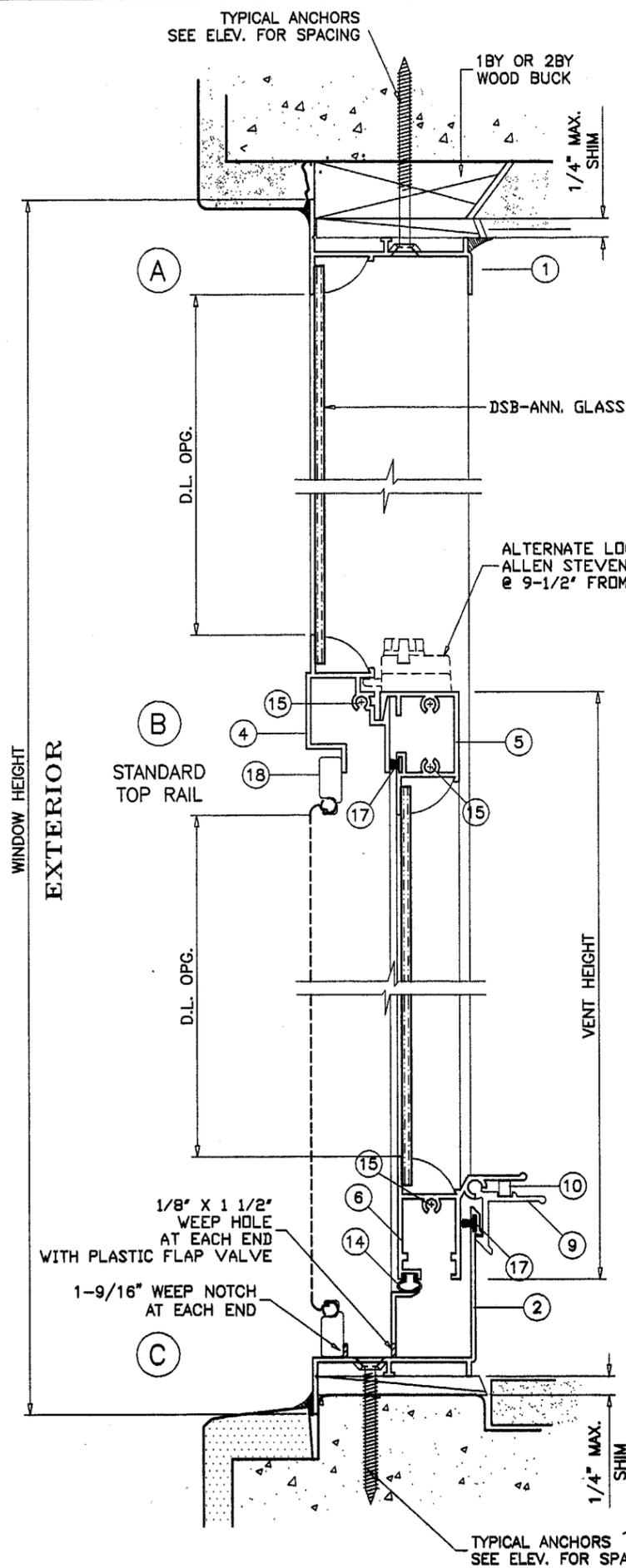
S-1000 ALUMINUM SINGLE HUNG WINDOW
UNIVERSAL ALUMINUM WINDOWS
1675 W. 31ST PLACE
HIALEAH, FL. 33012
TEL. (305) 825-7900 FAX (305) 825-5805

revisions:
no. date by description

date: 07-02-99
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no. **W99-51**
sheet 1 of 4

00-0920.01



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

SEALANT:

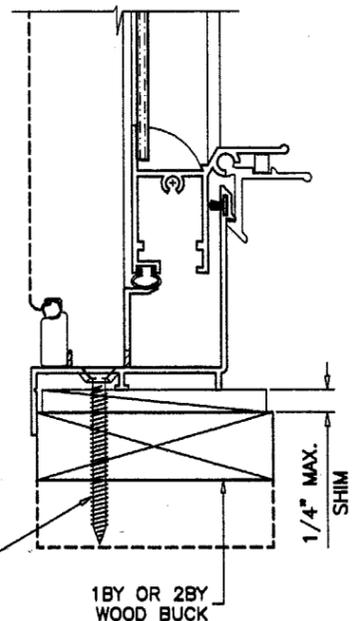
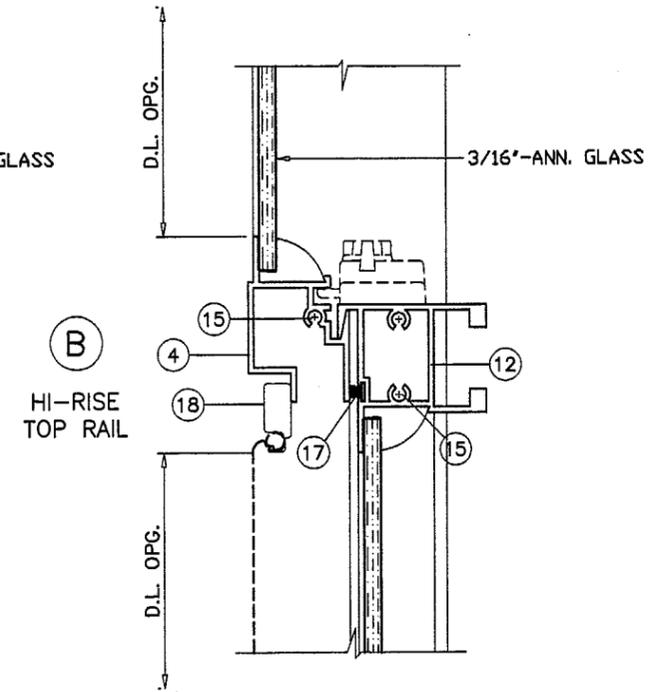
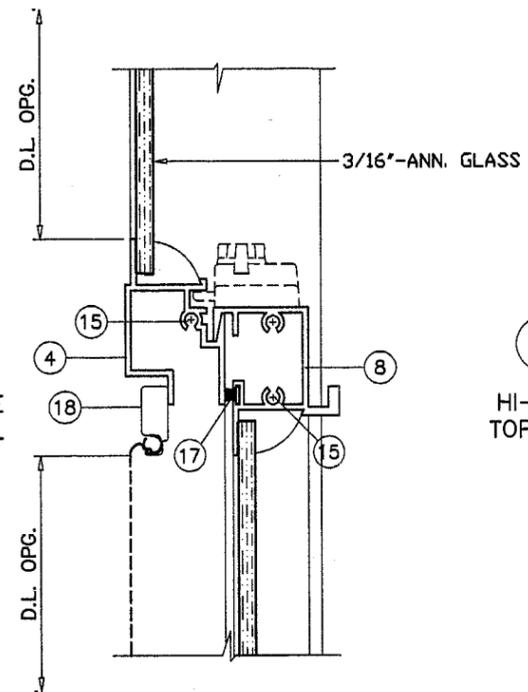
FRAME CORNERS, FRAME SILL INSTALLATION SCREWS, VENT CORNER SEAMS AND FIXED MEETING RAIL AT END SEALED WITH WHITE/ALUMINUM COLORED SEALANT.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

3/16" DIA. OR 1/4" DIA. TAPCONS (BY ELCO) OR EQUIV. CONC. ANCHOR HOLDING CURRENT NOTICE OF ACCEPTANCE.

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-7/16" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY



Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
[Signature]
12 1999

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *November 03, 2000*
BY *Manuel Sues*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0920.01*

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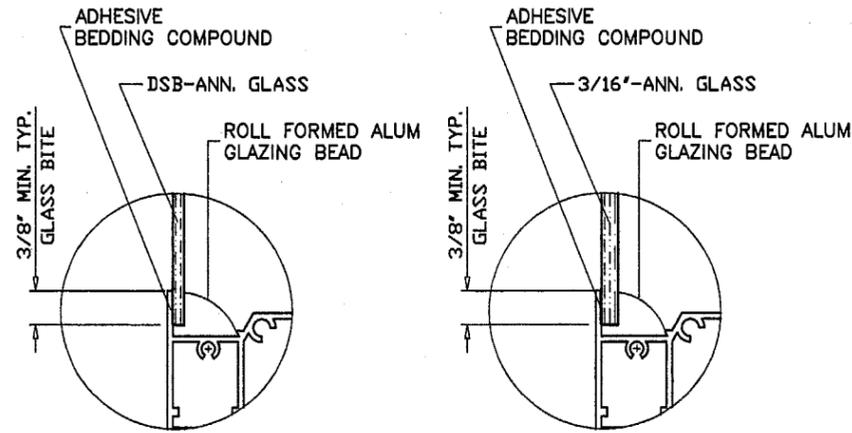
S-1000 ALUMINUM SINGLE HUNG WINDOW
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revisions:	no	date	by	description

date: 07-02-99
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

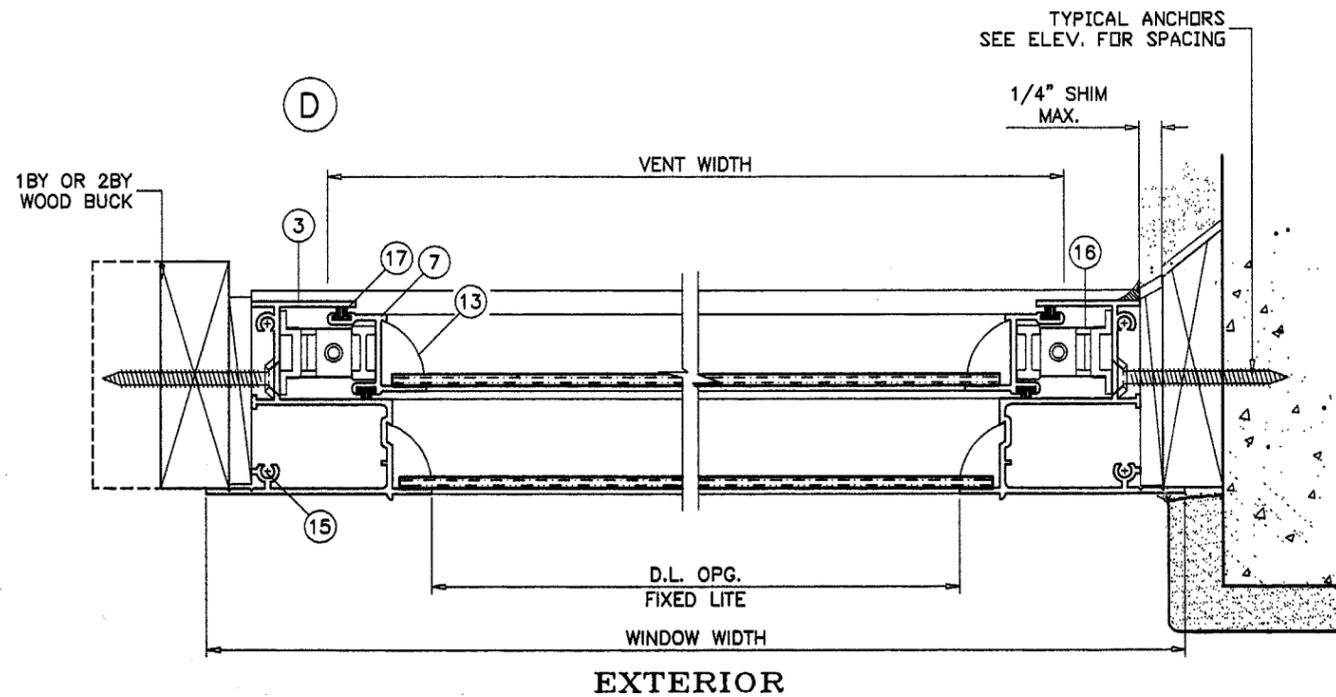
drawing no.
W99-51

sheet 2 of 4



GLAZING OPTIONS

ITEM #	PART #	REQD.	DESCRIPTION	REMARKS
1	UDH-501	1	FRAME HEAD	6063-T5
2	UAWD-519	1	FRAME SILL	6063-T6
3	UDH-503	2	FRAME JAMB	6063-T5
4	UDH-504	1	FIXED MTG. RAIL	6063-T6
5	UDH-505	1	STANDARD VENT TOP RAIL	6063-T6
6	UAWD-526	1	VENT BOTTOM RAIL	6063-T6
7	UDH-507	2	VENT JAMB	6063-T5
8	UDH-508	1	MID-RISE VENT TOP RAIL	6063-T5
9	UAWD-518	2/VENT	5' LONG VENT LATCH @ 9' FROM ENDS	6063-T5
10	UA-5010	1/LATCH	LEAF SPRING	STAINLESS STEEL
11	UA-5011	2/ VENT	BALANCE STOP	6063-T5 (NOT SHOWN)
12	UHS-613	1	HI-RISE VENT TOP RAIL	6005-T6
13	-	AS REQD.	GLAZING BEAD	.008" ROLL FORMED ALUM.
14	UA-5013	AS REQD.	BOTTOM RAIL VINYL	BULB VINYL BY TEAM PLASTICS
15	-	20	ASSEMBLY SCREWS	#10 x 1" P.H. CRS
16	-	2	BLOCK & TACKLE BALANCE	5/8" BOX, BALANCE SYSTEMS INC. OR EQ.
17	-	AS REQD.	PILE WEATHERSTRIP	SCHLEGEL FIN SEAL OR EQUIV.
18	-	1	5/16" BOX SCREEN	OPTIONAL



EXTERIOR

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557
11/12/1999

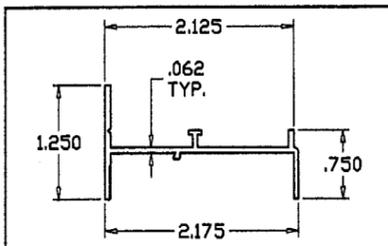
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *November 03, 2000*
BY *Manuel Cruz*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0920.01*

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ENGINEERS, PLANNERS & PRODUCT DESIGN
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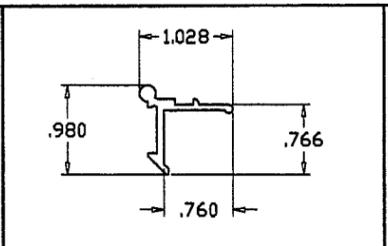
S-1000 ALUMINUM SINGLE HUNG WINDOW
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revisions:	no	date	by	description

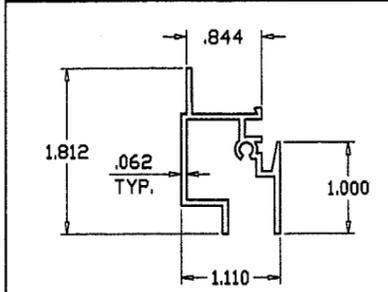
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dr. by: HAMID
chk. by:
drawing no. **W99-51**
sheet 3 of 4



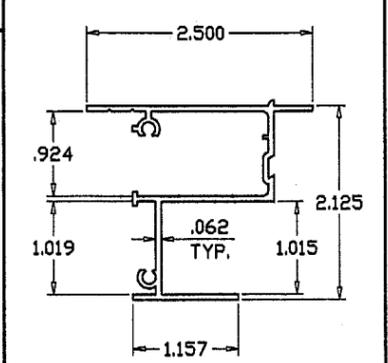
FRAME HEAD



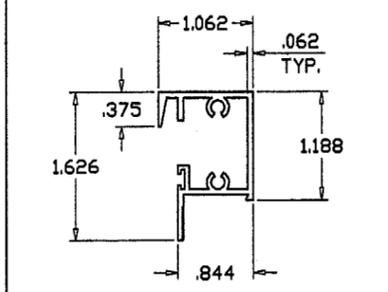
VENT LATCH



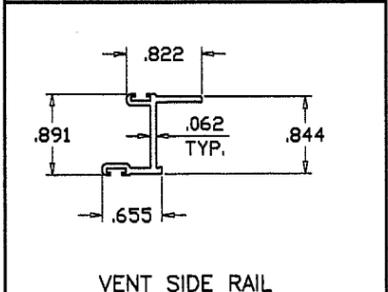
MEETING RAIL



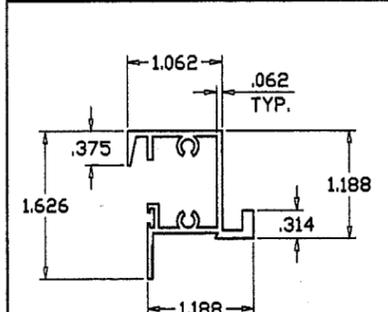
FRAME JAMB



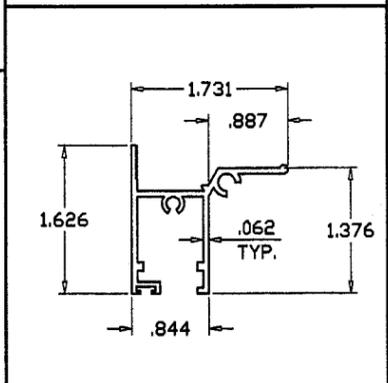
STD. VENT TOP RAIL



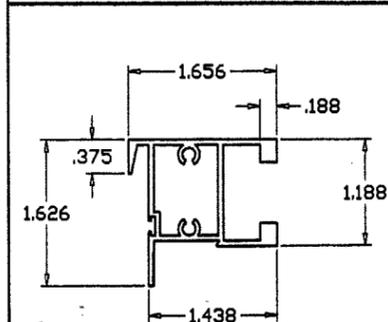
VENT SIDE RAIL



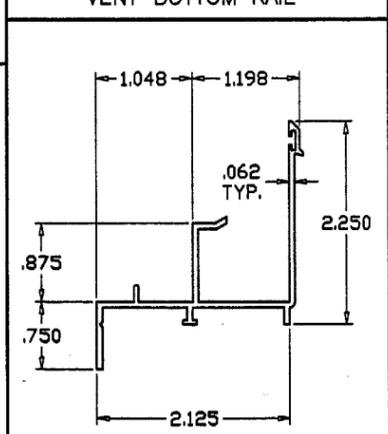
MID-RISE VENT TOP RAIL



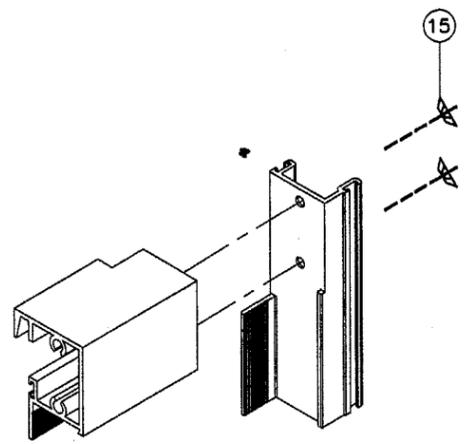
VENT BOTTOM RAIL



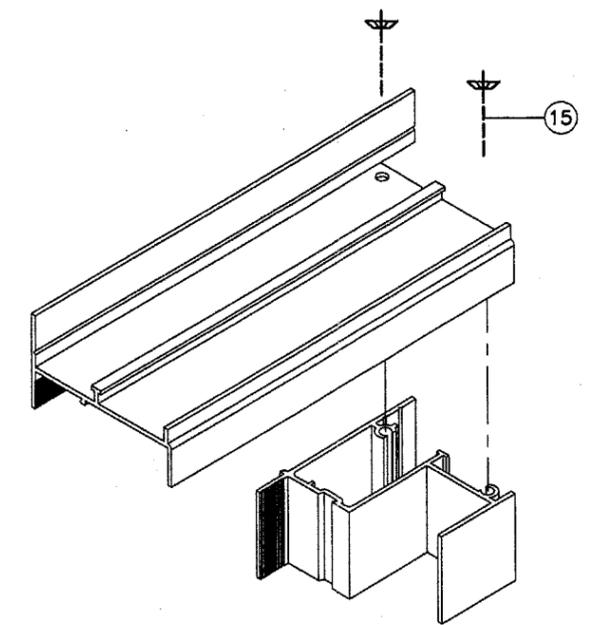
HIGH-RISE VENT TOP RAIL



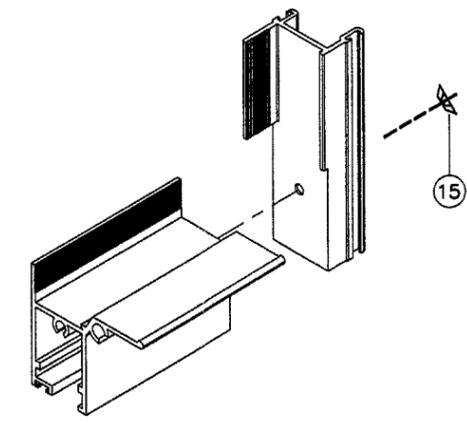
FRAME SILL



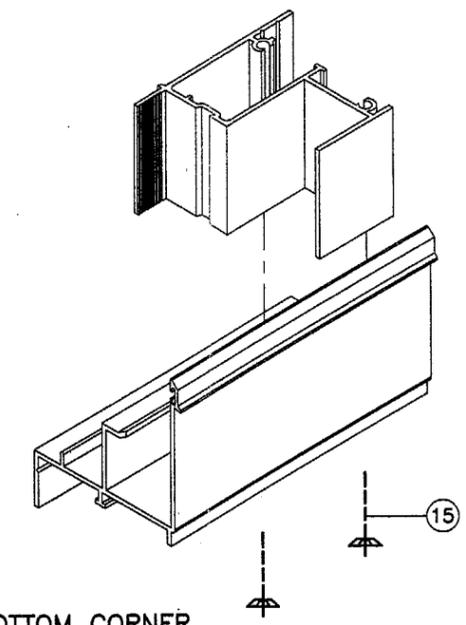
VENT TOP CORNER



FRAME TOP CORNER



VENT BOTTOM CORNER



FRAME BOTTOM CORNER

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
JUL 12 1999

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE November 23, 2000
BY *Manuel Perez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0920-01

afc

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dr. by: HAMID
chk. by:

drawing no. **W99-51**
sheet 4 of 4