



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

Yale Ogron Manufacturing Co., Inc.
671 West 18 Street
Hialeah ,FL 33010

Your application for Notice of Acceptance (NOA) of:

Series 540 Aluminum Single Hung Tilt 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.: 01-0102.02
EXPIRES: 11/01/2006

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: 11/01/2001

Yale Ogron Mfg. Co. Inc.

ACCEPTANCE No.: 01-0102.02

APPROVED: NOV 01 2001

EXPIRES : NOV 01 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This 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 540 Aluminum Single Hung Tilt Window** and its components shall be constructed in strict compliance with the following documents: Drawing No **W00-55**, " Sheets 1 through 5 of 5, titled "Series-540 Alum Single Hung Tilt Window," prepared by Al-Farooq Corporation, dated 12/28/00, with revision A dated 10/05/01, 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 only, as shown in approved drawings.
3.2 For Design Pressure Rating vs. Window Size, see Comparative Analysis Tables in approved drawings.

4. INSTALLATION

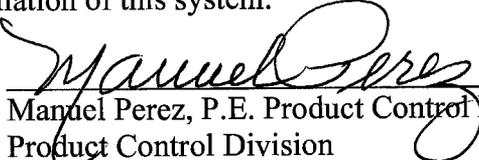
4.1 The aluminum single hung window and its components shall be installed in strict compliance with the approved drawings.
4.2 Hurricane protection system (shutters): the installation of this unit **will require** a hurricane protection system.

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 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

Yale Ogron Mfg. Co. Inc.

ACCEPTANCE No.: 01-0102.02

APPROVED: NOV 01 2001

EXPIRES : NOV 01 2006

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.

END OF THIS ACCEPTANCE


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

Yale Ogron Mfg. Co. Inc.

ACCEPTANCE No.: 01-0102.02

APPROVED: NOV 01 2001

EXPIRES : NOV 01 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA.)

A. DRAWINGS

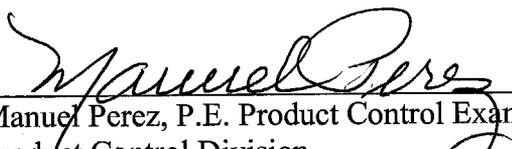
1. Manufacturer's die drawings and sections.
2. Drawing No **W00-55**, " Sheets 1 through 5 of 5, titled "Series-540 Alum Single Hung Tilt Window," prepared by Al-Farooq Corporation, dated 12/28/00, with revision A dated 10/05/01, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per 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 an O/X configuration 53-1/8" wide by 74 1/4" high series 540 & 540F aluminum single hung window glazed with 3/16" tempered glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2857**, dated 11/28/00, signed and sealed by Jose A. Acevedo, P.E.
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per PA 202-94
along with marked-up drawings and installation diagram of an O/X configuration 53-1/8" wide by 74 1/4" high series 540 aluminum single hung window glazed with 3/16" annealed glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2859**, dated 11/17/00, signed and sealed by Jose A. Acevedo, P.E.
3. Test reports on 1) Uniform Static Air Pressure Test, Loading per PA 202-94
along with marked-up drawings and installation diagram of and O/X configuration 53-1/8" wide by 50 5/8" high series 540 aluminum single hung window glazed with double strength annealed glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2869**, dated 11/22/00, signed and sealed by Jose A. Acevedo, P.E.
4. Test reports on 1) Uniform Static Air Pressure Test, Loading per PA 202-94
along with marked-up drawings and installation diagram of an O/X configuration 53-1/8" wide by 74 1/4" high series 540 aluminum single hung window glazed with 2 lites of 1/8" annealed glass with an 1/4" air space between the two lites, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2870**, dated 11/17/00, signed and sealed by Jose A. Acevedo, P.E.

C. CALCULATIONS

1. Comparative Analysis and Anchor Calculations, prepared by Al-Farooq Corporation, dated 12/26/00, revised on 10/04/01, signed and sealed by Dr. Humayoun Farooq, P.E.


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

Yale Ogron Mfg. Co. Inc.

ACCEPTANCE No.: 01-0102.02

APPROVED: NOV 01 2001

EXPIRES : NOV 01 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA.)

D. MATERIAL CERTIFICATIONS

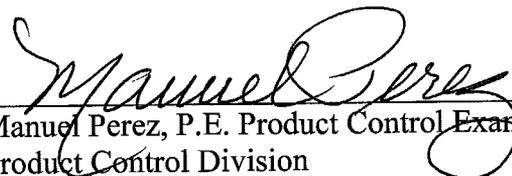
1. None

E. STATEMENTS

1. Statement letter of no financial interest issued by Al-Farooq Corporation, dated 12/27/00, signed and sealed by Dr. Humayoun Farooq, P.E.
2. Statement letter of no financial interest issued by Yale Orgon Mfg. Co. Inc., dated 2/05/01, signed by Rosario R. Infantas.
3. Statement letter of Code Compliance issued by Al-Farooq Corporation, dated 12/27/00, signed and sealed by Dr. Humayoun Farooq, P.E.
4. Laboratory compliance letter for Test Report no. **FTL-00153, 00154, 00155** Lab No. **2857, 2859, 2869, 2870** issued by Fenestration Testing Laboratory, Inc., dated 12/13/00, signed and sealed by Antonio Acevedo, P.E..

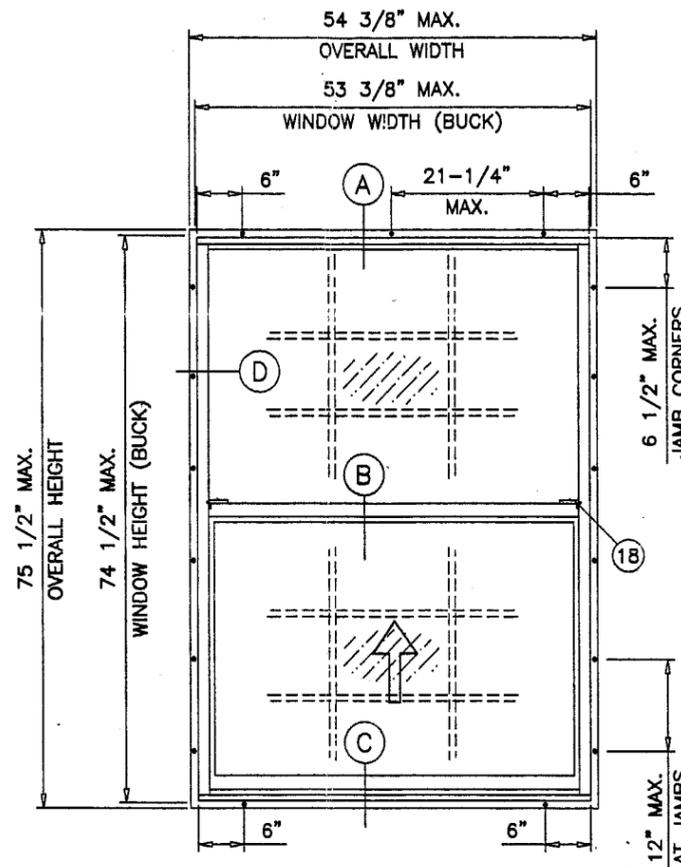
F. OTHER

1. None

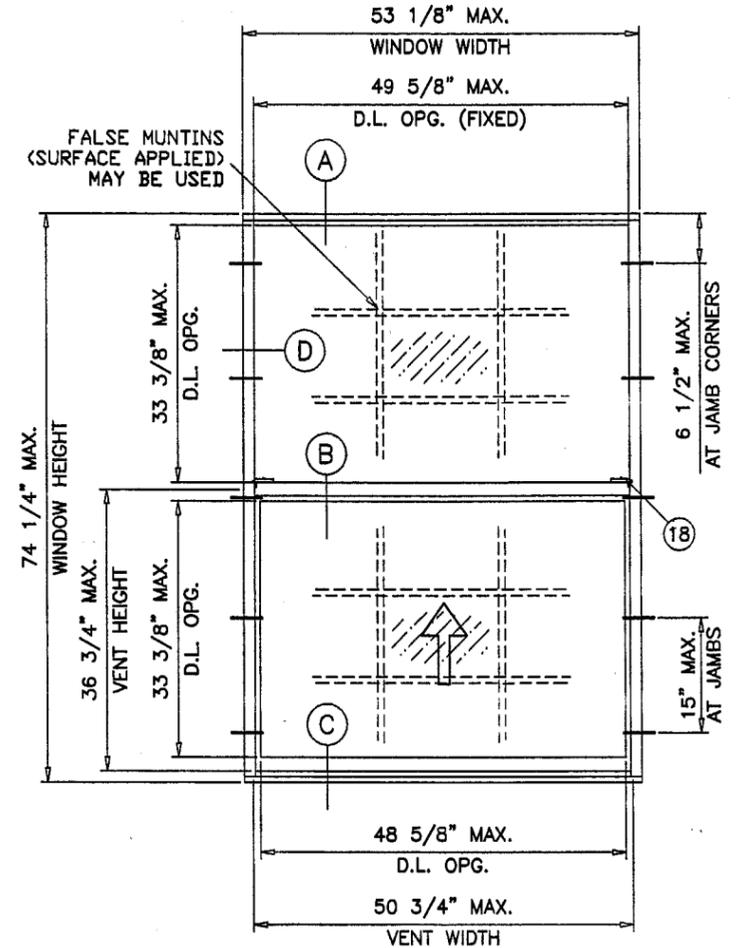

Manuel Perez, P.E. Product Control Examiner
Product Control Division

FIN FRAME WINDOWS									
DESIGN LOAD CAPACITY - PSF									
MIAMI DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED									
WINDOW DIMS.		ANCHOR TYPE 'A'							
WIDTH	HEIGHT	DSB ANN. GLASS		3/16" ANN. GLASS		3/16" TEMP. GLASS		DSB INSUL. ANN. GLASS	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	36" (3)	63.3	78.0	63.3	125.0	63.3	130.4	63.3	130.4
32"		63.3	72.5	63.3	97.8	63.3	97.8	63.3	97.8
36"		63.3	64.0	63.3	86.9	63.3	86.9	63.3	86.9
44"		54.8	54.8	63.3	71.1	63.3	71.1	63.3	71.1
48"		52.4	52.4	63.3	65.2	63.3	65.2	63.3	65.2
24"	44" (4)	63.3	78.0	63.3	125.0	63.3	142.3	63.3	141.0
32"		62.2	62.2	63.3	106.7	63.3	106.7	63.3	106.7
36"		55.3	55.3	63.3	94.8	63.3	94.8	63.3	94.8
44"		42.1	42.1	63.3	77.6	63.3	77.6	63.3	75.8
48"		38.5	38.5	63.3	71.1	63.3	71.1	63.3	69.3
24"	48" (4)	53.4	78.0	63.3	125.0	63.3	130.4	63.3	130.4
32"		53.4	62.0	63.3	97.8	63.3	97.8	63.3	97.8
36"		52.3	52.3	63.3	86.9	63.3	86.9	63.3	86.9
44"		38.9	38.9	63.3	71.1	63.3	71.1	63.3	70.0
48"		35.7	35.7	63.3	65.2	63.3	65.2	63.3	64.3
24"	52" (5)	41.8	74.7	63.3	125.0	63.3	150.5	63.3	134.5
32"		41.5	60.8	63.3	97.3	63.3	112.8	63.3	109.4
36"		41.5	53.7	63.3	86.8	63.3	100.3	63.3	96.7
44"		40.9	40.9	63.3	70.8	63.3	82.1	63.3	73.6
48"		34.2	34.2	63.3	63.9	63.3	75.2	61.6	61.6
24"	60" (5)	24.7	65.3	63.3	113.5	63.3	130.4	63.3	117.5
32"		23.4	53.0	63.3	84.7	63.3	97.8	63.3	95.4
36"		23.4	47.4	63.3	76.3	63.3	86.9	63.3	85.3
44"		-	-	62.1	62.1	63.3	71.1	63.3	68.9
48"		-	-	56.8	56.8	63.3	65.2	63.0	63.0
24"	72" (6)	-	-	63.3	92.8	63.3	130.4	58.2	94.7
32"		-	-	62.9	72.2	63.3	97.8	52.4	81.5
36"		-	-	62.1	66.1	63.3	86.9	51.8	75.1
44"		-	-	55.2	55.2	63.3	71.1	51.8	61.6
48"		-	-	51.2	51.2	63.3	65.2	51.8	57.1

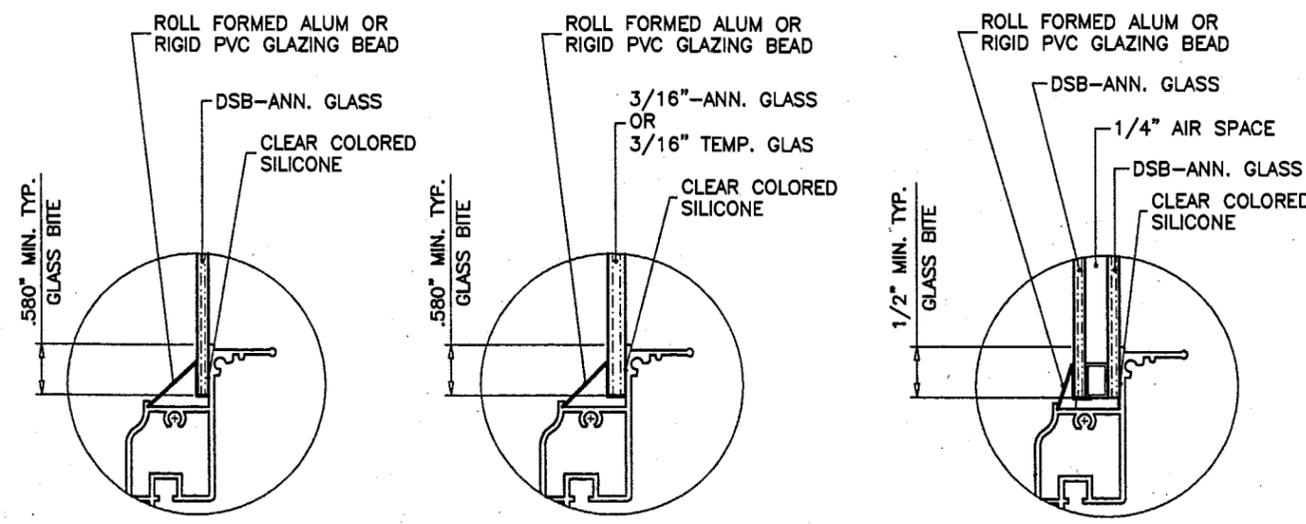
* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



TYPICAL ELEVATION
FIN FRAME



TYPICAL ELEVATION
FLANGE FRAME



GLAZING OPTIONS

NOTES:

1. THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7 USING CORRESPONDING LOADS.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557

OCT 8 2001

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE NOV 01 2001
BY *Manuel Perez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0102-02

afc

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W00-55YO

SERIES-540 ALUM SINGLE HUNG TILT WINDOW
YALE OGRON MFG. CO. INC.
671 WEST 18TH ST.
HIALEAH, FL. 33010-2480
TEL. (305) 887-2646 FAX (305) 883-1309

no.	date	description
A	10.05.01	CHARTS REV. PER ASTM E-1300

revisions:

date: 12-28-00
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no. **W00-55**
sheet 1 of 5

FLANGE FRAME WINDOWS										
DESIGN LOAD CAPACITY - PSF										
MIAMI DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED										
WINDOW DIMS.		ANCHOR TYPE 'A'								
		DSB ANN. GLASS		3/16" ANN. GLASS		3/16" TEMP. GLASS		DSB INSUL. ANN. GLASS		
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
19-1/8"	26"	63.3	78.0	63.3	125.0	63.3	185.9	63.3	141.0	
26-1/2"		63.3	78.0	63.3	125.0	63.3	134.2	63.3	134.2	
32"		63.3	78.0	63.3	111.1	63.3	80.0	63.3	111.1	
37"		63.3	78.0	63.3	96.1	63.3	96.1	63.3	96.1	
40"		(3)	63.3	78.0	63.3	88.9	63.3	88.9	63.3	88.9
44"		63.3	78.0	63.3	80.8	63.3	80.8	63.3	80.8	
48"		63.3	74.1	63.3	74.1	63.3	74.1	63.3	74.1	
53-1/8"		63.3	66.9	63.3	66.9	63.3	66.9	63.3	66.9	
19-1/8"	38-3/8"	63.3	78.0	63.3	125.0	63.3	126.0	63.3	126.0	
26-1/2"		63.3	78.0	63.3	90.9	63.3	90.9	63.3	90.9	
32"		63.3	74.0	63.3	75.3	63.3	75.3	63.3	75.3	
37"		61.2	61.2	63.3	65.1	63.3	65.1	63.3	65.1	
40"		(3)	56.4	56.4	63.3	60.2	63.3	60.2	63.3	60.2
44"		52.9	52.9	63.3	54.8	63.3	54.8	63.3	54.8	
48"		49.2	49.2	63.3	50.2	63.3	50.2	63.3	50.2	
53-1/8"		45.8	45.3	63.3	45.3	63.3	45.3	63.3	45.3	
19-1/8"	50-5/8"	53.2	78.0	63.3	125.0	63.3	127.3	63.3	127.3	
26-1/2"		50.0	73.8	63.3	91.9	63.3	91.9	63.3	91.9	
32"		50.0	62.7	63.3	76.1	63.3	76.1	63.3*	76.1	
37"		50.0	51.4	63.3	65.8	63.3	65.8	63.3	65.8	
40"		(4)	47.2	47.2	63.3	60.9	63.3	60.9	63.3	60.9
44"		42.4	42.4	63.3	55.3	63.3	55.3	63.3	55.3	
48"		35.5	35.5	63.3	50.7	63.3	50.7	63.3	50.7	
53-1/8"		32.4	32.4	63.3	45.8	63.3	45.8	58.3	45.8	
19-1/8"	59"	31.9	78.0	63.3	125.0	63.3	136.6	63.3	136.6	
26-1/2"		27.5	64.9	63.3	98.5	63.3	98.5	63.3	98.5	
32"		27.1	58.1	63.3	81.6	63.3	81.6	63.3	81.6	
37"		27.1	48.4	63.3	70.6	63.3	70.6	63.3	70.6	
40"		(5)	27.1	45.3	63.3	65.3	63.3	65.3	63.3	65.3
44"		27.1	40.0	63.3	59.4	63.3	59.4	63.3	59.4	
48"		-	-	59.9	54.4	63.3	54.4	63.3	54.4	
53-1/8"		-	-	53.5	49.2	63.3	49.2	56.7	49.2	
19-1/8"	63"	25.6	75.3	63.3	125.0	63.3	127.9	63.3	127.9	
26-1/2"		21.6	63.0	63.3	92.3	63.3	92.3	63.3	92.3	
32"		20.8	53.0	63.3	76.4	63.3	76.4	63.3	76.4	
37"		20.8	46.4	63.3	66.1	63.3	66.1	63.3	66.1	
40"		(5)	20.8	43.4	63.3	61.1	63.3	61.1	63.3	61.1
44"		-	-	63.3	55.6	63.3	55.6	63.3	55.6	
48"		-	-	56.3	51.0	63.3	51.0	63.2	51.0	
53-1/8"		-	-	49.9	46.0	63.3	46.0	54.5	46.0	
19-1/8"	74-1/4"	-	-	63.3	108.5	63.3	108.5	63.3	108.5	
26-1/2"		-	-	63.3	78.3	63.3	78.3	54.5	78.3	
32"		-	-	61.2	64.8	63.3	64.8	51.0	64.8	
37"		-	-	60.0	56.1	63.3	56.1	50.0	56.1	
40"		(5)	-	-	60.0	51.9	63.3	51.9	50.0	51.9
44"		-	-	55.7	47.2	63.3	47.2	50.0	47.2	
48"		-	-	51.6	43.2	63.3	43.2	50.0	43.2	
53-1/8"		-	-	47.0	39.1	63.3	39.1	50.0	39.1	

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

FLANGE FRAME WINDOWS										
DESIGN LOAD CAPACITY - PSF										
MIAMI DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED										
WINDOW DIMS.		ANCHOR TYPE 'B'								
		DSB ANN. GLASS		3/16" ANN. GLASS		3/16" TEMP. GLASS		DSB INSUL. ANN. GLASS		
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
19-1/8"	26"	63.3	78.0	63.3	125.0	63.3	210.0	63.3	141.0	
26-1/2"		63.3	78.0	63.3	125.0	63.3	210.0	63.3	141.0	
32"		63.3	78.0	63.3	125.0	63.3	179.7	63.3	141.0	
37"		63.3	78.0	63.3	125.0	63.3	155.4	63.3	141.0	
40"		(3)	63.3	78.0	63.3	125.0	63.3	143.7	63.3	141.0
44"		63.3	78.0	63.3	125.0	63.3	130.7	63.3	130.7	
48"		63.3	78.0	63.3	119.8	63.3	119.8	63.3	118.9	
53-1/8"		63.3	78.0	63.3	108.2	63.3	108.2	63.3	105.8	
19-1/8"	38-3/8"	63.3	78.0	63.3	125.0	63.3	203.7	63.3	141.0	
26-1/2"		63.3	78.0	63.3	125.0	63.3	147.0	63.3	141.0	
32"		63.3	74.0	63.3	121.7	63.3	121.7	63.3	121.7	
37"		61.2	61.2	63.3	105.3	63.3	105.3	63.3	105.3	
40"		(3)	56.4	56.4	63.3	97.4	63.3	97.4	63.3	97.4
44"		52.9	52.9	63.3	88.5	63.3	88.5	63.3	88.5	
48"		49.2	49.2	63.3	81.1	63.3	81.1	63.3	81.1	
53-1/8"		45.8	45.8	63.3	73.3	63.3	73.3	63.3	73.3	
19-1/8"	50-5/8"	53.2	78.0	63.3	125.0	63.3	205.8	63.3	141.0	
26-1/2"		50.0	73.8	63.3	125.0	63.3	148.6	63.3	132.8	
32"		50.0	62.7	63.3	105.6	63.3	123.0	63.3	112.9	
37"		50.0	51.4	63.3	90.5	63.3	106.4	63.3	92.5	
40"		(4)	47.2	47.2	63.3	84.1	63.3	98.4	63.3	85.0
44"		42.4	42.4	63.3	76.2	63.3	89.5	63.3	76.3	
48"		35.5	35.5	63.3	69.3	63.3	82.0	63.3	63.9	
53-1/8"		32.4	32.4	63.3	63.4	63.3	74.1	58.3	58.3	
19-1/8"	59"	31.9	78.0	63.3	125.0	63.3	210.0	63.3	141.0	
26-1/2"		27.5	64.9	63.3	109.7	63.3	159.3	63.3	116.8	
32"		27.1	58.1	63.3	89.5	63.3	131.9	63.3	104.6	
37"		27.1	48.4	63.3	78.3	63.3	114.1	63.3	87.1	
40"		(5)	27.1	45.3	63.3	73.0	63.3	105.6	63.3	81.5
44"		27.1	40.0	63.3	65.2	63.3	96.0	63.3	72.0	
48"		-	-	59.9	59.9	63.3	85.0	63.3	65.4	
53-1/8"		-	-	53.5	53.5	63.3	73.7	56.7	56.7	
19-1/8"	63"	25.6	75.3	63.3	125.0	63.3	206.8	63.3	135.5	
26-1/2"		21.6	63.0	63.3	102.0	63.3	149.2	63.3	113.4	
32"		20.8	53.0	63.3	84.6	63.3	123.6	63.3	95.4	
37"		20.8	46.4	63.3	74.2	63.3	106.9	63.3	83.5	
40"		(5)	20.8	43.4	63.3	68.9	63.3	98.9	63.3	78.1
44"		-	-	63.3	63.3	63.3	89.9	63.3	71.5	
48"		-	-	56.3	56.3	63.3	82.1	63.2	63.2	
53-1/8"		-	-	49.9	49.9	63.3	70.8	54.5	54.5	
19-1/8"	74-1/4"	-	-	63.3	125.0	63.3	175.4	63.3	109.3	
26-1/2"		-	-	63.3	86.3	63.3	126.6	54.5	96.1	
32"		-	-	61.2	73.0	63.3	104.8	51.0	82.3	
37"		-	-	60.0	65.2	63.3	90.7	50.0	74.0	
40"		(5)	-	-	60.0	60.7	63.3	83.9	50.0	68.4
44"		-	-	55.7	55.7	63.3	76.3	50.0	61.9	
48"		-	-	51.6	51.6	63.3	69.9	50.0	57.2	
53-1/8"		-	-	47.0	47.0	63.3	63.2	50.0	50.0	

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

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **NOV 01 2001**
BY *Manuel Perez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. **01010202**

OCT 8 2001

afc

AL-FAROQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
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COMP-ANL\W00-55YO

YALE OGRON MFG. CO. INC.
671 WEST 18TH ST.
HIALEAH, FL. 33010-2480
TEL. (305) 887-2646 FAX (305) 883-1309

SERIES-540 ALUM SINGLE HUNG TILT WINDOW

no	date	by	Description
A	10.05.01		CHARTS REV. PER ASTM E-1300

date: 12-28-00
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no. **W00-55**
sheet 2 of 5

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

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YE-502	1	FRAME HEAD	6063-T5	-
2	YE-506	1	FRAME SILL	6063-T5	-
3	YE-504	2	FRAME JAMB	6063-T5	-
4	YE-511	1	FIXED RAIL	6063-T5	-
5	YE-512	1	VENT TOP RAIL	6063-T5	-
6	YE-514	1	VENT BOTTOM RAIL	6063-T5	-
7	YE-513	2	VENT JAMB	6063-T5	-
8	-	AS REQD.	GLAZING BEAD	ALUMINUM	ROLL FORMED
9	-	AS REQD.	GLAZING BEAD	PVC	RIGID VINYL EXTRUDED
10	HS B1	2/ VENT	5/8" SPIRAL TILT BALANCE	STEEL	-
11	YH-511	AS REQD.	BULB VINYL	PVC	-
12	-	-	-	-	-
13	YH-509F	AS REQD.	PILE W'STRIPPING .187 X .250	-	ULTRAFAB FIN SEAL (DOUBLE)
14	YH-504	2	VENT LATCH @ 10" FROM ENDS	-	NYLON OR CELCON
14A	YH-515	1	CAM LOCK @ CENTER OF VENT	-	ZAMAK
15	#8 X 1"	8	FRAME ASSEMBLY SCREWS	-	PLATED CRS.
16	# 8 X 1"	2	FIXED RAIL SCREWS	-	CAD PLATED CRS.
17	# 8 X 1"	4/ VENT	VENT ASSEMBLY SCREWS	-	CAD PLATED CRS.
18	YH-523	2	TILT LATCH	PLASTIC	ACER LTD.

FIN FRAME WINDOW

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

(A) INTO 2BY WOOD BUCKS OR INTO WOOD STRUCTURE

#10 SMS
1-1/2" MIN. PENETRATION INTO WOOD

INTO METAL STRUCTURES (STEEL OR ALUM 1/8" MIN. TH.)

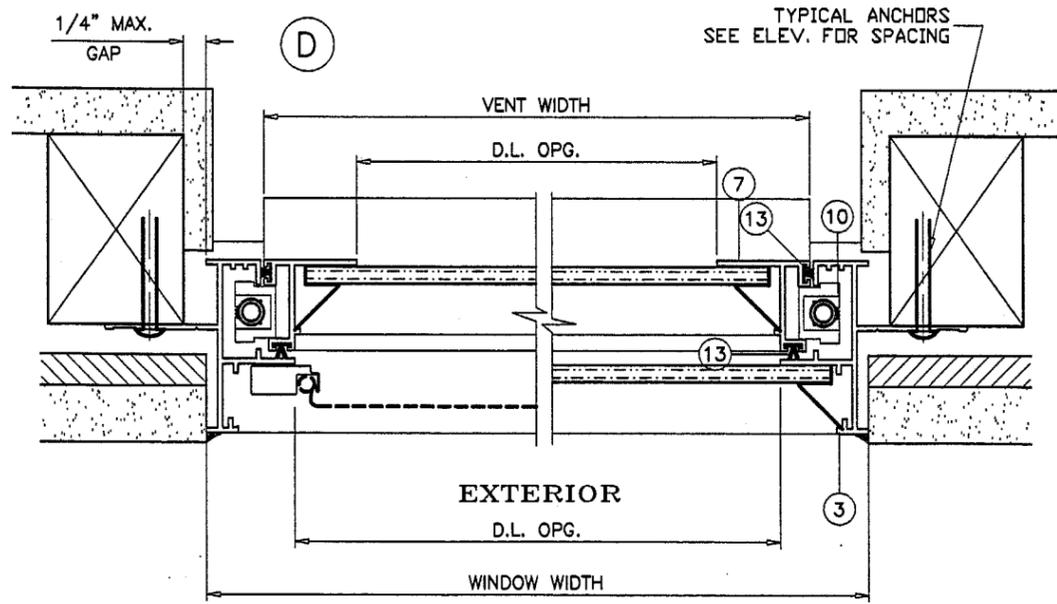
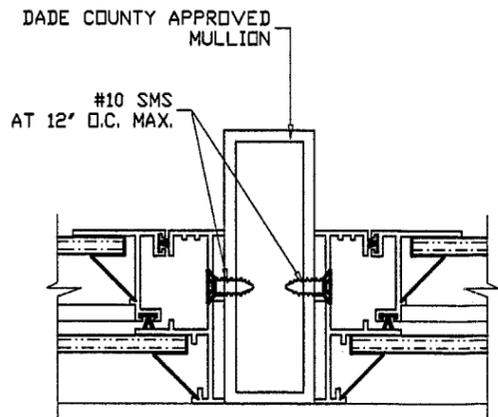
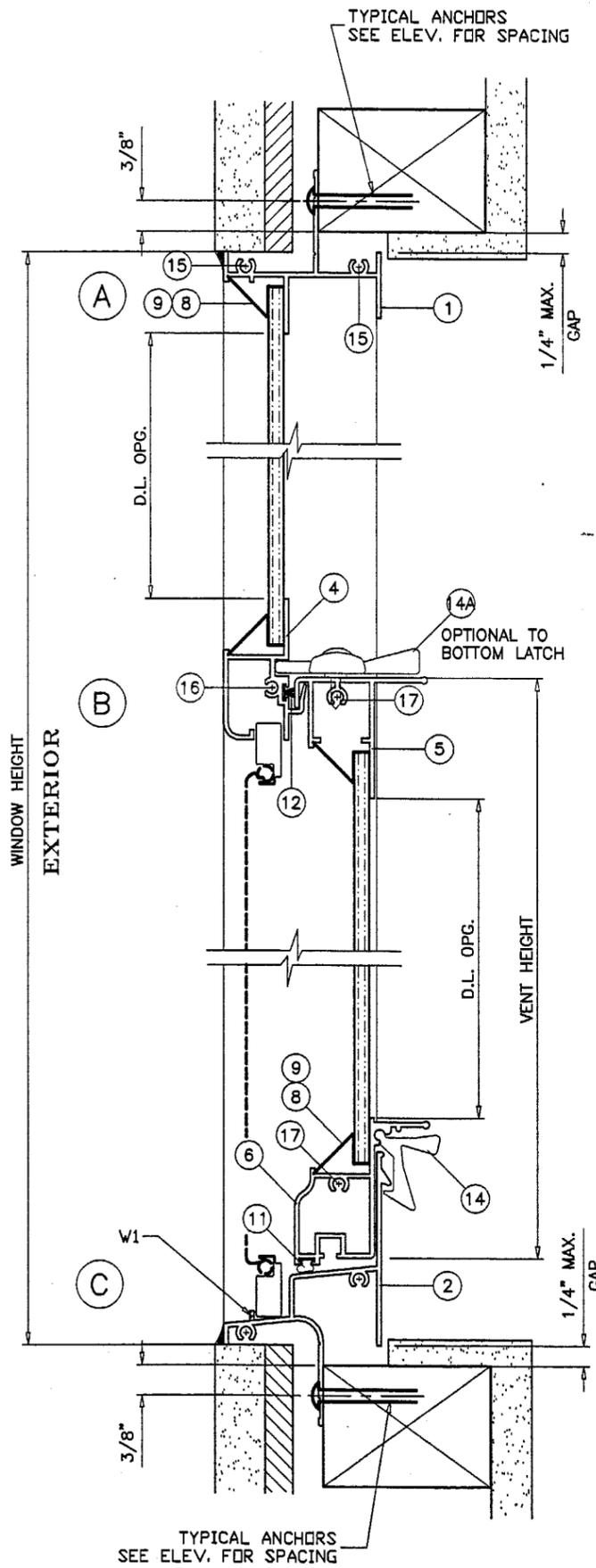
#10 SMS

WEEPHOLES:

W1 = 1-1/4" WEEP NOTCH AT EACH END

SEALANTS:

FRAME AND VENT BOTTOM CORNERS SEALED WITH CLEAR/ALUM COLORED SILICONE.
INSTALLATION SCREWS SEALED WITH WHITE COLORED SEALANT, COLOR TO MATCH FINISH.



Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

[Signature]
OCT 8 2001

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **NOV 01 2001**
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. **01-0102-02**

AL-FAROOQ CORPORATION
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SERIES-540 ALUM SINGLE HUNG TILT WINDOW
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revisions:	no	date	by	description

date: 12-28-00
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W00-55
sheet 3 of 5

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

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YE-501	1	FRAME HEAD	6063-T5	-
2	YE-517	1	FRAME SILL	6063-T5	-
3	YE-503	2	FRAME JAMB	6063-T5	-
4	YE-511	1	FIXED RAIL	6063-T5	-
5	YE-512	1	VENT TOP RAIL	6063-T5	-
6	YE-514	1	VENT BOTTOM RAIL	6063-T5	-
7	YE-513	2	VENT JAMB	6063-T5	-
8	-	AS REQD.	GLAZING BEAD	ALUMINUM	ROLL FORMED
9	-	AS REQD.	GLAZING BEAD	PVC	RIGID VINYL EXTRUDED
10	HS B1	2/ VENT	5/8" SPIRAL TILT BALANCE	STEEL	-
11	YH-511	AS REQD.	BULB VINYL	PVC	-
12	-	2	1/2" X 1" OPEN CELL FOAM PADS	-	-
13	YH-509F	AS REQD.	PILE W'STRIPPING .187 X .250	-	ULTRAFAB FIN SEAL (DOUBLE)
14	YH-504	2	VENT LATCH @ 10" FROM ENDS	-	NYLON OR CELCON
14A	YH-515	1	CAM LOCK @ CENTER OF VENT	-	ZAMAK
15	#8 X 1"	8	FRAME ASSEMBLY SCREWS	-	PLATED CRS.
16	# 8 X 1"	2	FIXED RAIL SCREWS	-	CAD PLATED CRS.
17	# 8 X 1"	4/ VENT	VENT ASSEMBLY SCREWS	-	CAD PLATED CRS.
18	YH-523	2	TILT LATCH	PLASTIC	ACER LTD.

FLANGE FRAME WINDOW

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

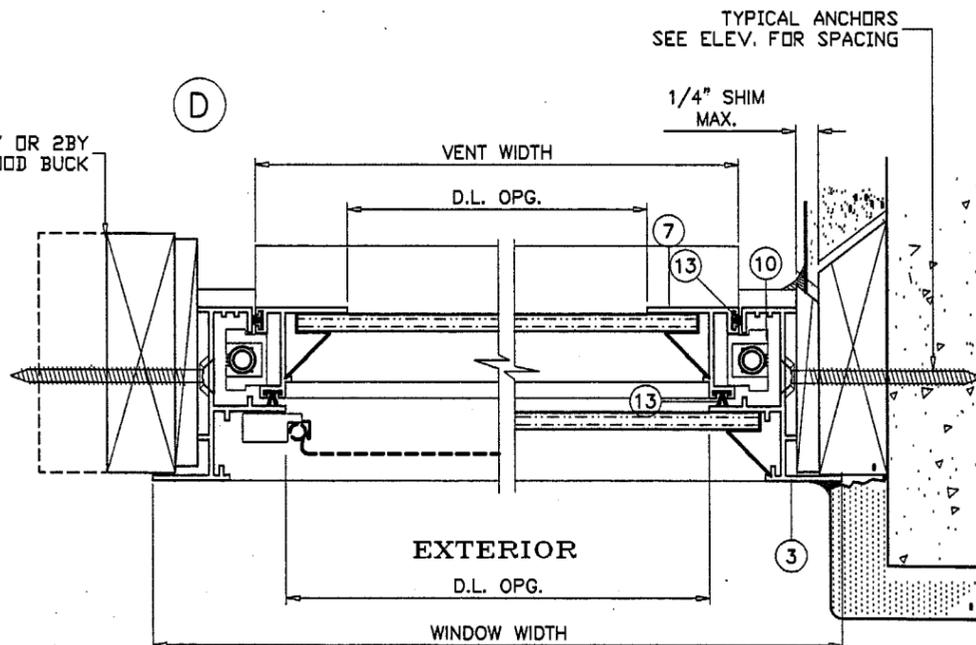
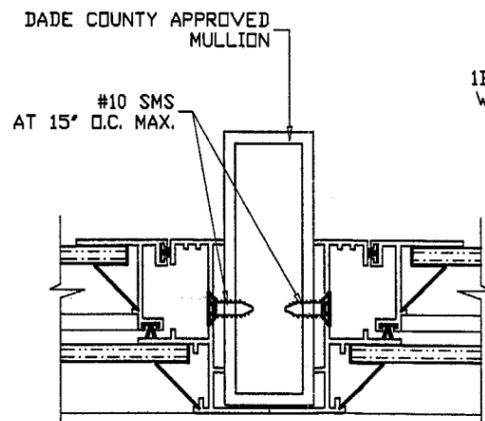
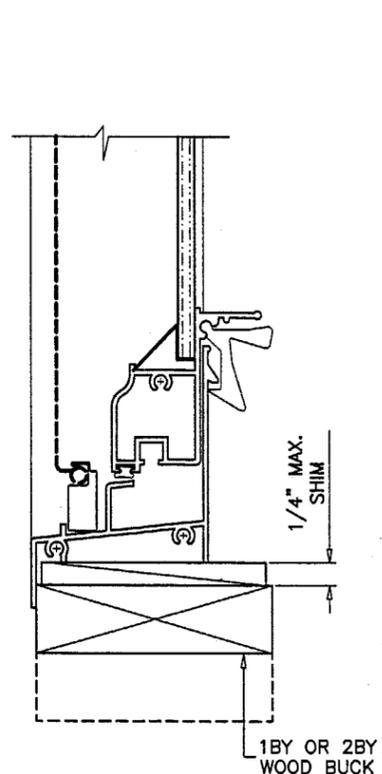
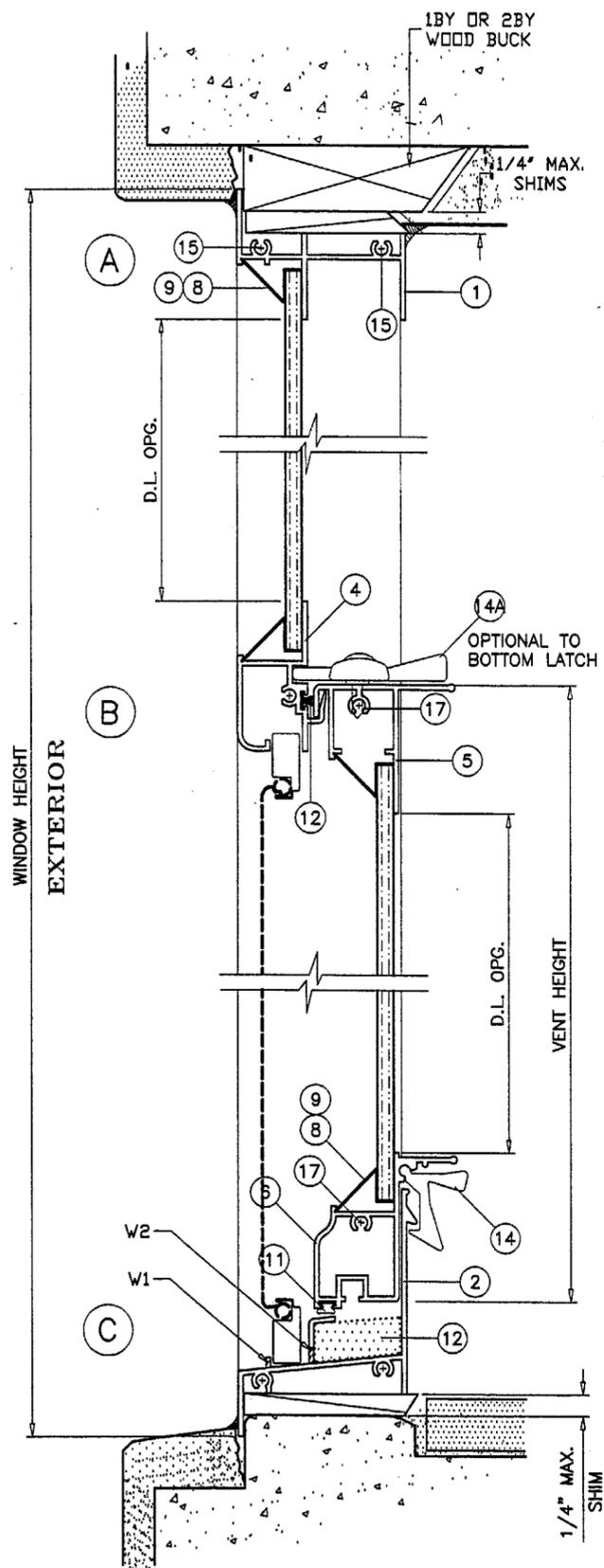
- (A) INTO 2BY WOOD BUCKS OR INTO WOOD STRUCTURE
#10 SMS OR 3/16" TAPCONS
1-3/8" MIN. PENETRATION INTO WOOD
- (B) THRU 1BY BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
3/16" TAPCONS
1-1/4" MIN. MASONRY EMBED
- (C) INTO METAL STRUCTURES (STEEL OR ALUM 1/8" MIN. TH.)
#10 SMS

WEEPHOLES:

- W1 = 1-1/4" WEEP NOTCH AT EACH END
- W2 = 3/16" DIA. WEEP HOLE AT EACH END

SEALANTS:

FRAME AND VENT BOTTOM CORNERS SEALED WITH CLEAR/ALUM COLORED SILICONE.
INSTALLATION SCREWS SEALED WITH WHITE COLORED SEALANT, COLOR TO MATCH FINISH.



Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

OCT 8 2001

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE NOV 01 2001
BY *Hamid*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0102-02

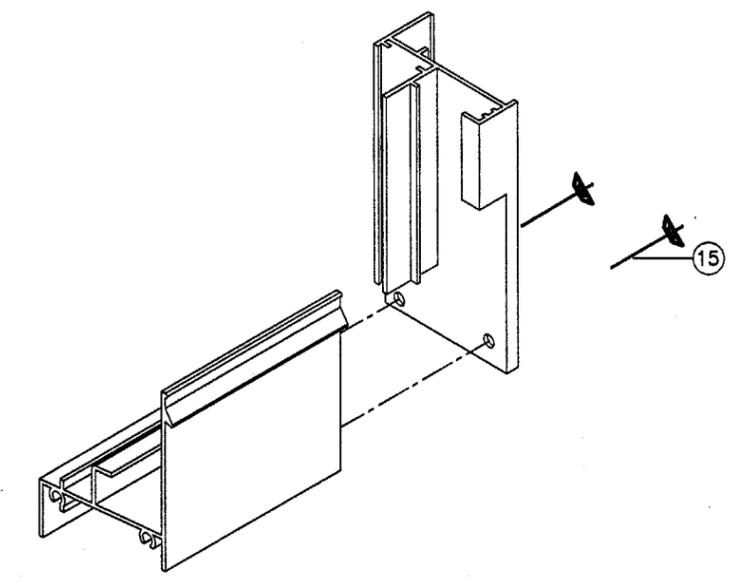
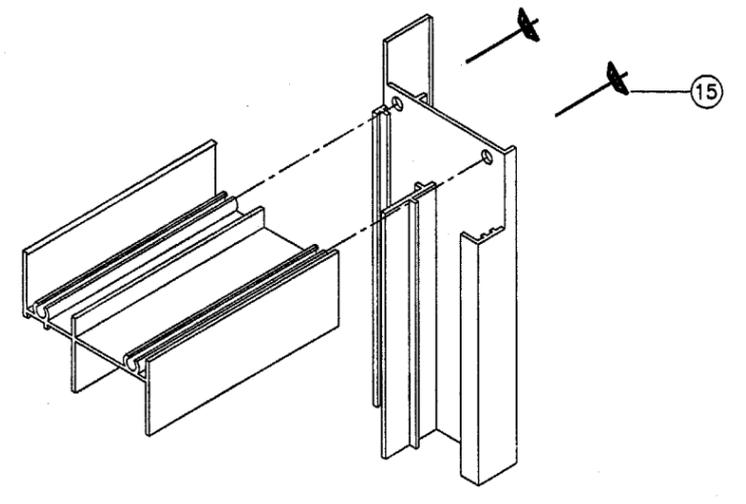
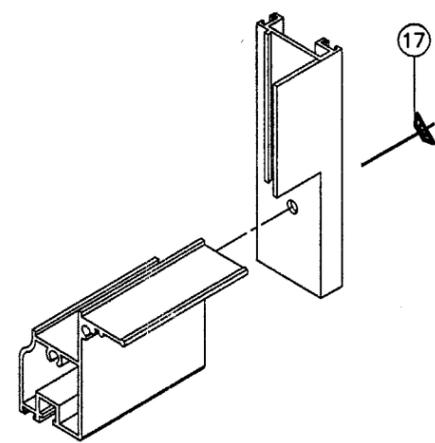
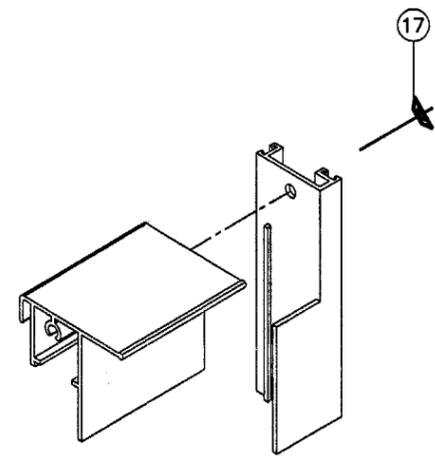
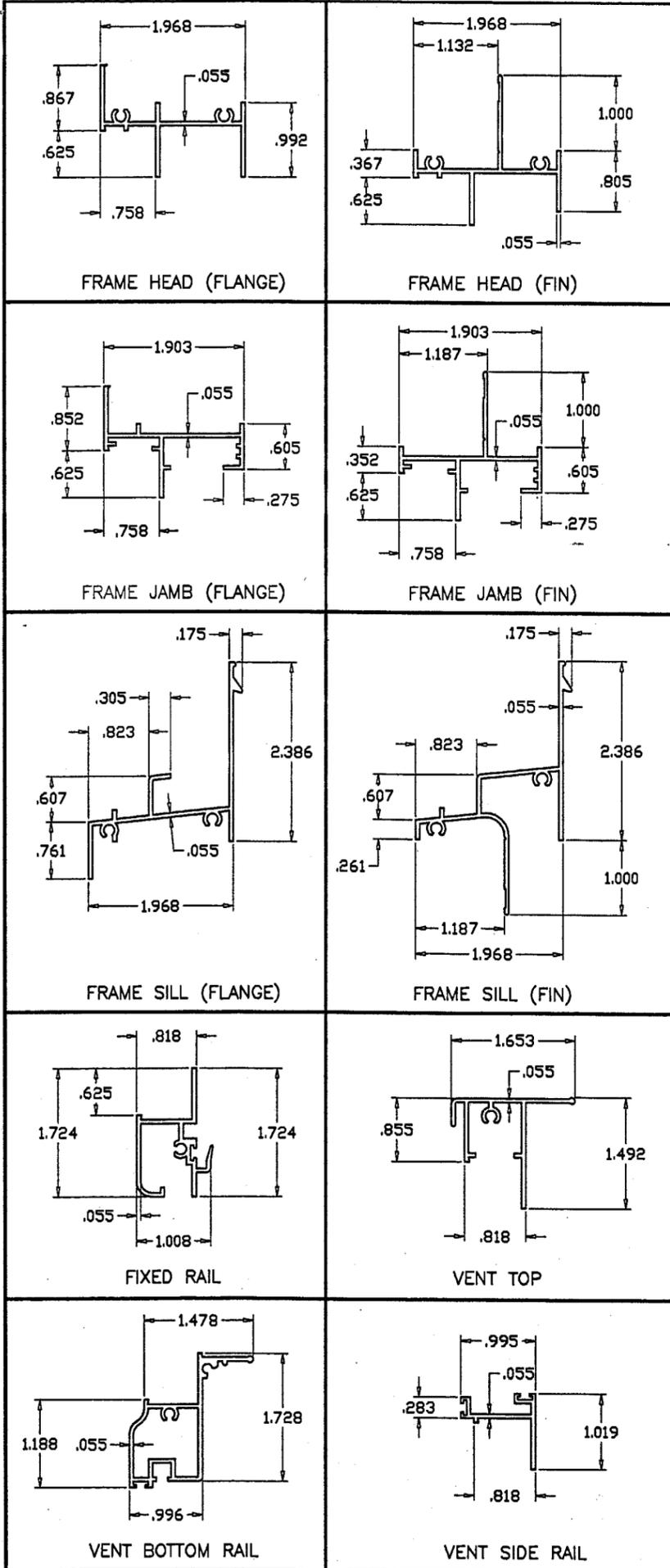
afc
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revisions:	no	date	by	description

date: 12-28-00
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
WOO-55
sheet 4 of 5



Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16957

[Signature]

OCT 8 2001

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE **NOV 01 2001**
 BY *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. **01-0102-02**

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no	date	by	description

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 dr. by: HAMID
 chk. by:

drawing no. **W00-55**
 sheet 5 of 5