



**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) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

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**YKK AP America, Inc.  
5630 Gwaltney Drive  
Atlanta, GA 30336**

**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 the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) 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 BCCO (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. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO 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 South Florida Building Code, 1994 Edition for Miami-Dade County or Florida Building Code.

**DESCRIPTION: Series "YOW-200" Aluminum Casement Window**

**APPROVAL DOCUMENT:** Drawing No. **W01-31**, Sheets 1 through 5 of 5, titled "YOW-200 Aluminum Casement Window," prepared, signed and sealed by Humayoun Farooq, P.E., dated 5/31/01, 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.

**MISSILE IMPACT RATING: Small Missile**

**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.

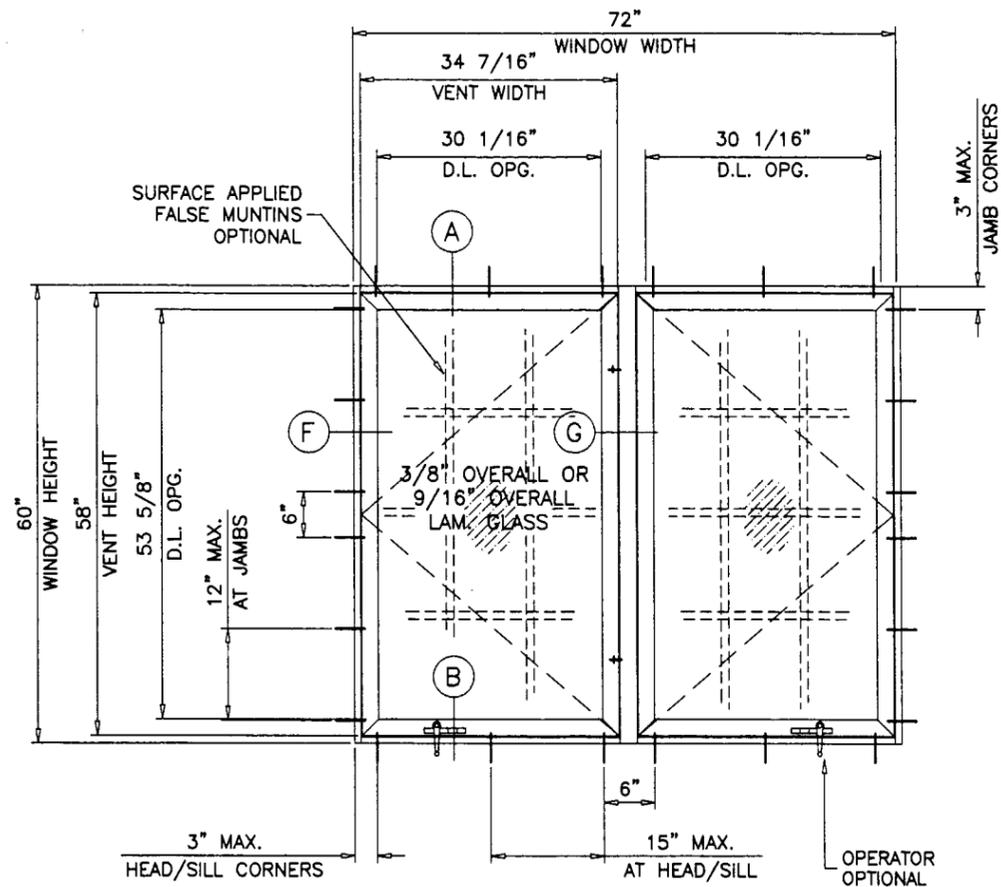
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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.

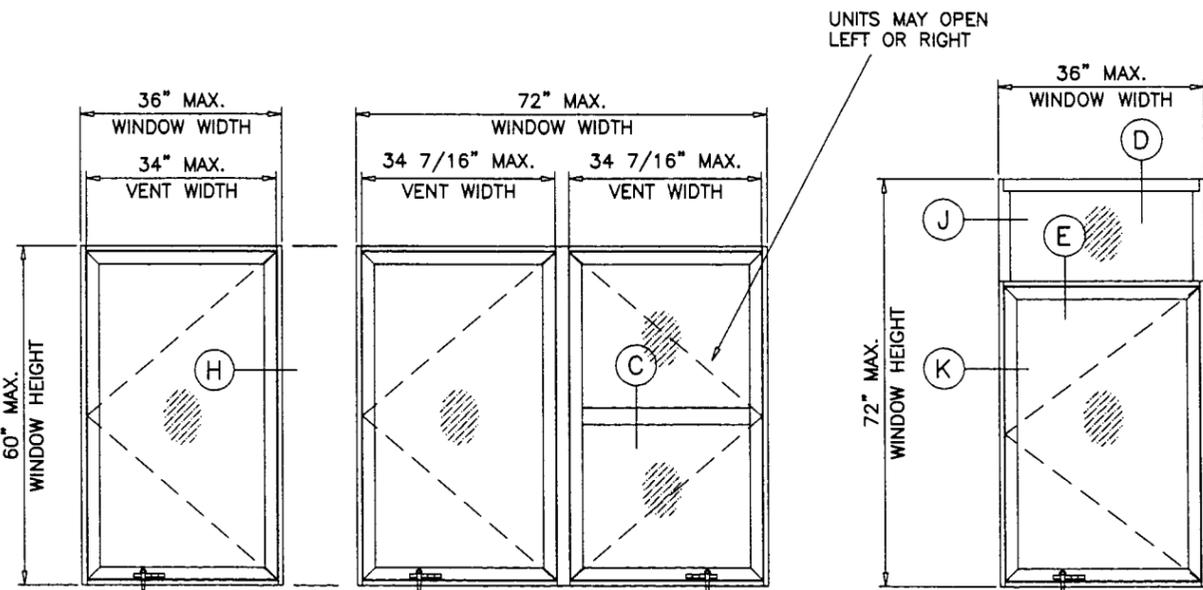
This NOA consists of this page 1 as well as approval document mentioned above.  
The submitted documentation was reviewed by **Raul Rodriguez**.



**NOA No 01-1119.05  
Expiration Date: February 7, 2007  
Approval Date: February 7, 2002  
Page 1**



TYPICAL ELEVATION



APPROVED CONFIGURATIONS

**NOTES:**

1. MAXIMUM DESIGN LOAD RATING = + 60.0 PSF  
(FOR SIZES SHOWN OR SMALLER) - 60.0 PSF
2. APPROVAL APPLIES TO CONFIGURATIONS SHOWN IN THIS SHEET USING INTEGRAL IMPOST. ALSO TO COMBINATIONS WITH OTHER WINDOW TYPES USING APPROVED MULLIONS.
3. WINDOWS GLAZED WITH LAMINATED GLASS RATED FOR SMALL MISSILE IMPACT AND REQUIRE DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS FOR INSTALLATIONS UPTO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT.
4. THIS PRODUCT 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.
5. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
6. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
7. ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

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

OCT 29 2001

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE February 7, 2002  
BY: [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-1119.05

*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\W01-31YKK

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**YKK AP AMERICA INC.**  
5630 GWALTNEY DRIVE  
ATLANTA, GA. 30336  
TEL(404) 629-3800 FAX(404) 629-3810

YOW-200 ALUMINUM CASEMENT WINDOW

no.	date	by	description

date: 05-31-01  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no. **W01-31**  
sheet 1 of 5

WOOD BUCKS NOT BY YKK AMERICA INC. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**1/4" TAPCONS**

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

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

**#14 SMS OR 1/4" SELF DRILLING SCREWS**

INTO STEEL OR ALUMINUM MULLIONS  
(NO SHIM SPACE)

**1/4" SELF DRILLING SCREWS**

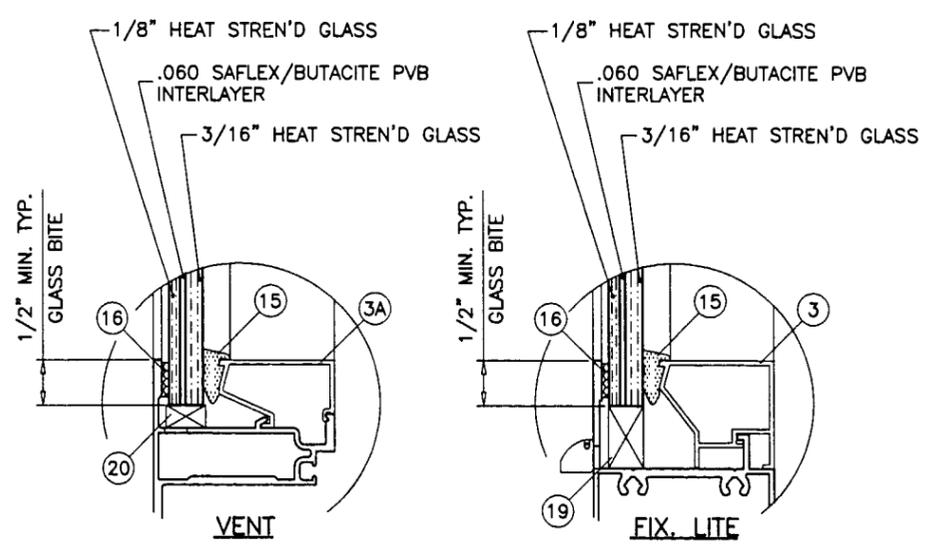
INTO METAL STRUCTURES (1/8" MIN. THICKNESS)  
(1/4" MAX. SHIM SPACE)

**SEALANTS:**

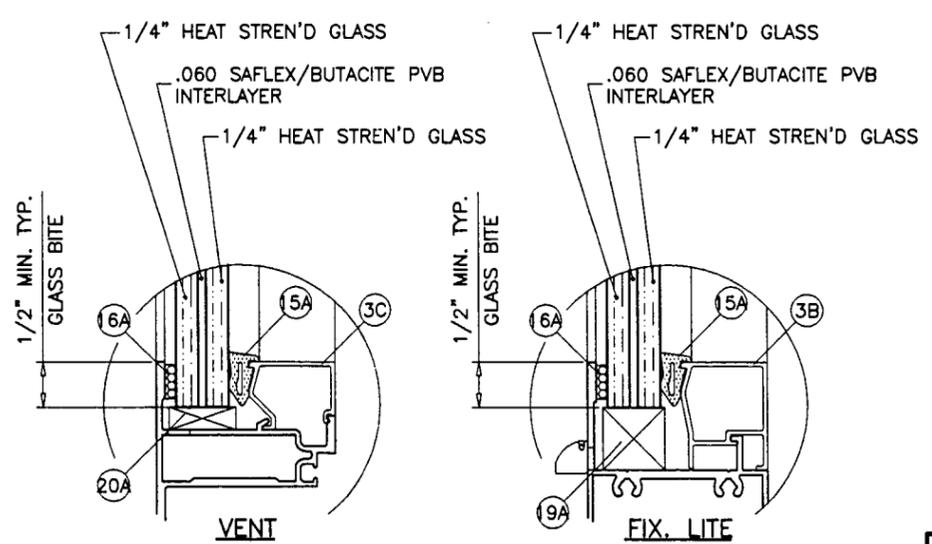
FRAME CORNERS EXTERIOR SEAMS SEALED WITH SILICONE  
VENT AND FRAME CORNERS SEALED WITH SEALANT.

**WEEP HOLES:**

W1 = 1/4" X 1" WEEP SLOT AT CENTERLINE.  
W2 = 1/4" DIA. WEEP HOLES AT 4" FROM EACH CORNER



**3/8" OVERALL LAMINATED GLASS**  
SMALL MISSILE IMPACT RESISTANT



**9/16" OVERALL LAMINATED GLASS**  
SMALL MISSILE IMPACT RESISTANT  
(OPTIONAL GLASS)

MIAMI DADE COUNTY APPR'D IMPACT RESISTANT SHUTTERS  
REQD. FOR INSTALLATIONS UPTO 30 FT. OF GRADE  
SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT.

**GLAZING OPTIONS**

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
  
OCT 29 2001

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BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 06-1119.05

*afc*

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ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W01-31YKK

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**YKK America**

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**YOW-200 ALUMINUM CASEMENT WINDOW**

no	date	by	description

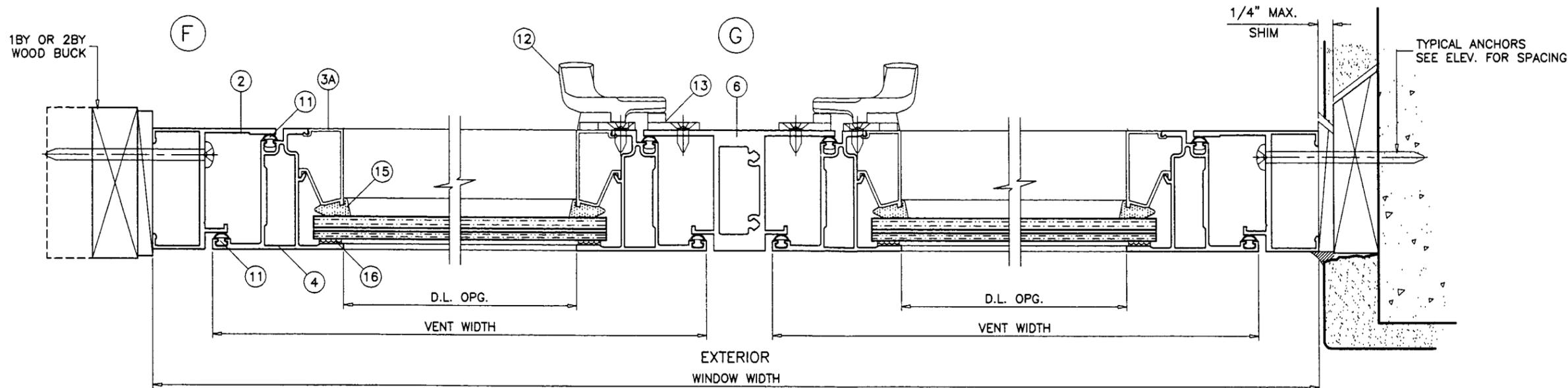
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chk. by:  

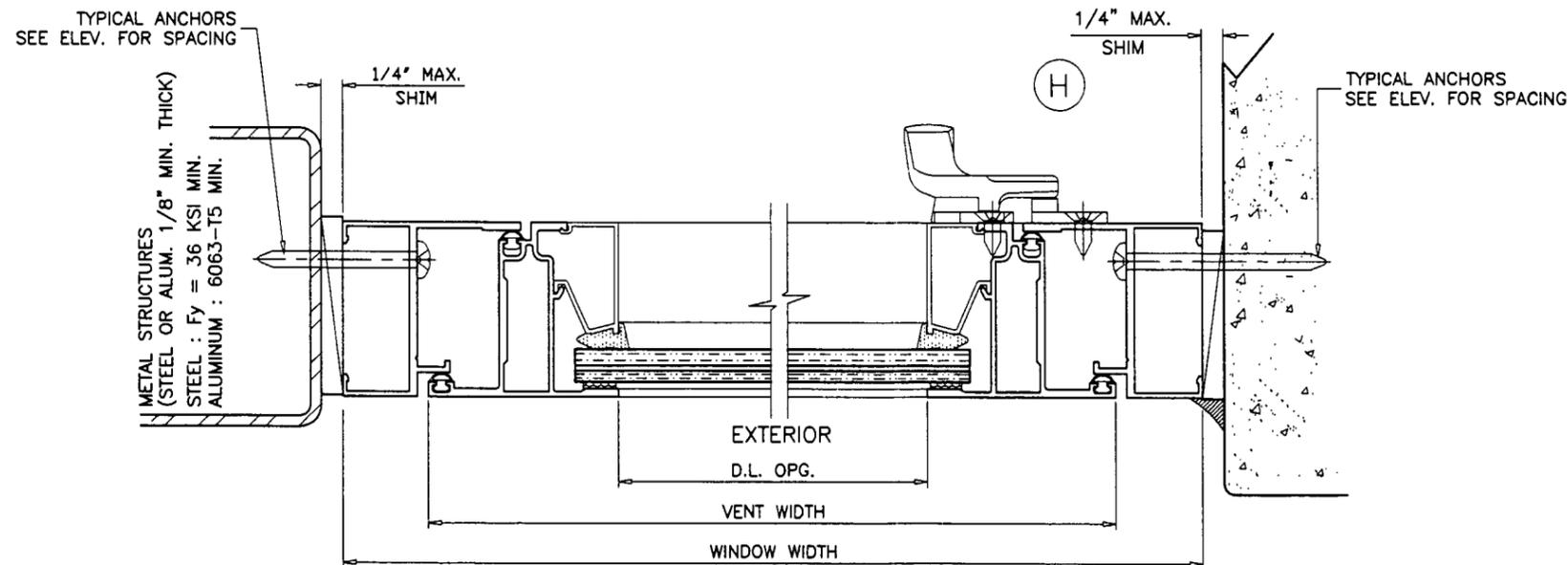
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drawing no.  
**W01-31**  
sheet 2 of 5

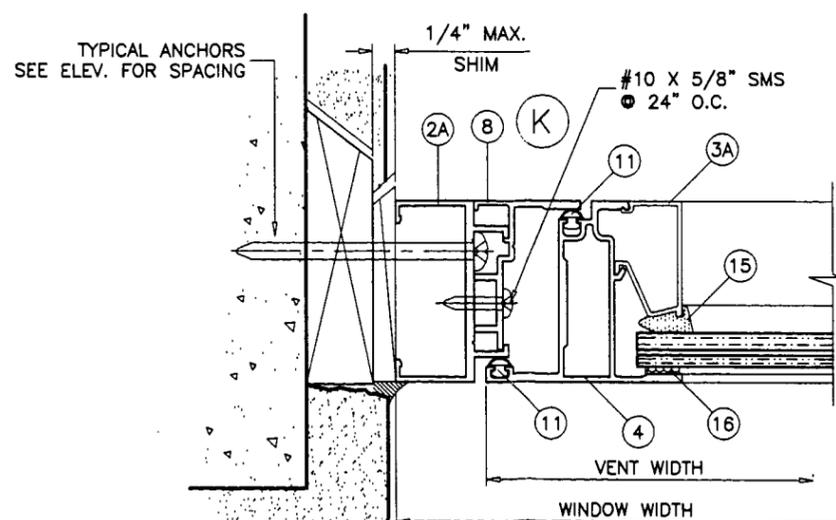
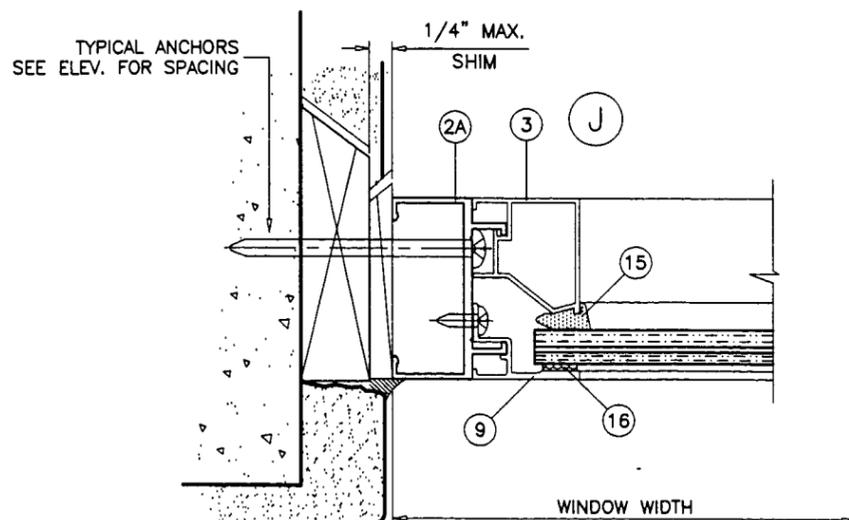




DUAL VENT WINDOWS



SINGLE VENT WINDOWS



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

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ACCEPTANCE NO. 01-119.05

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COMP-ANL\W01-31YKK

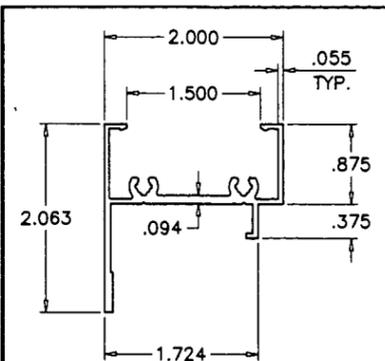
YOW-200 ALUMINUM CASEMENT WINDOW  
**YKK AP AMERICA INC.**  
5630 GWALTNEY DRIVE  
ATLANTA, GA. 30336  
TEL(404) 629-3800 FAX(404) 629-3810

revisions:	
no	date by description

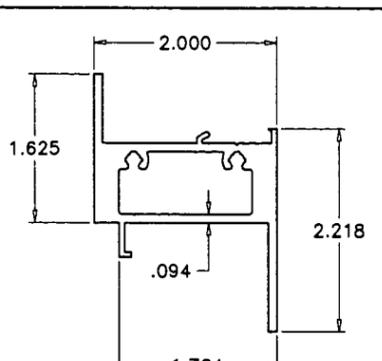
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drawing no. **W01-31**

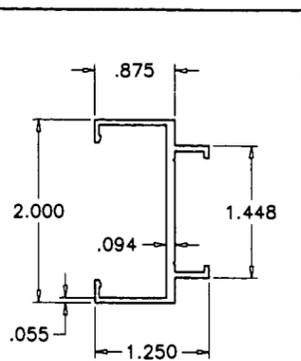
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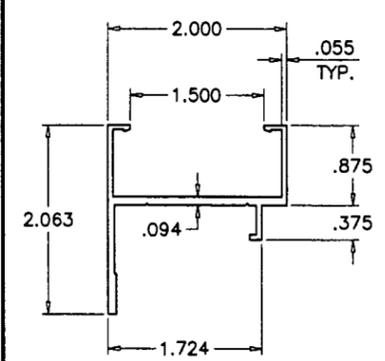
FRAME HEAD/SILL



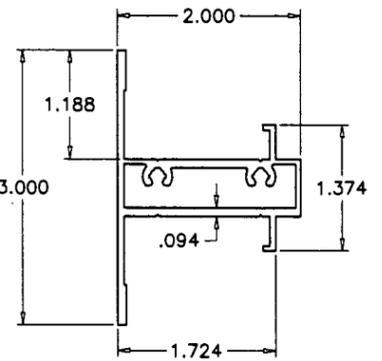
HORIZ. IMPOST



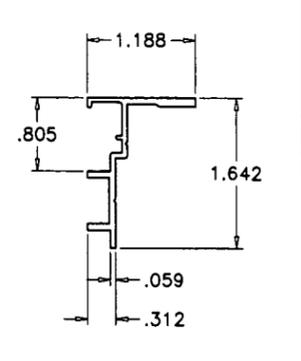
FRAME JAMB



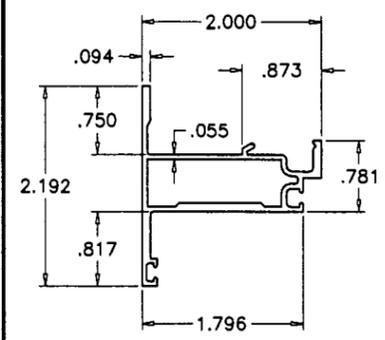
FRAME JAMB



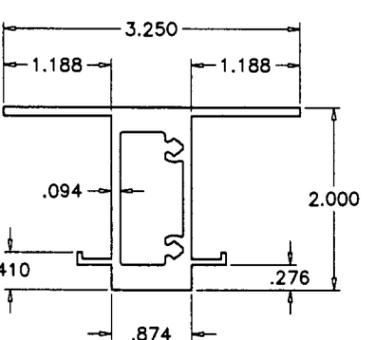
HORIZONTAL MUNTIN



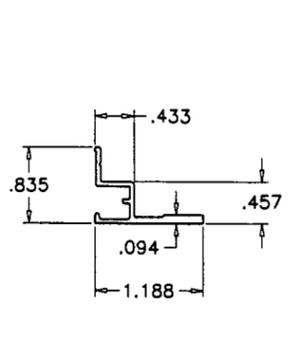
FRAME ADAPTER



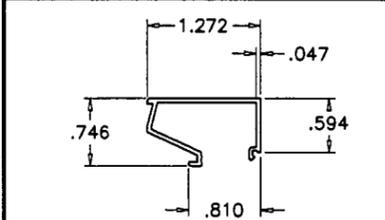
VENT STILE



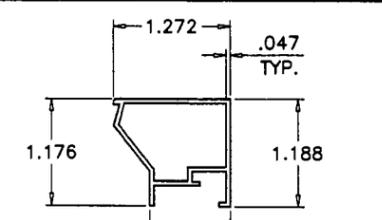
VERT. IMPOST



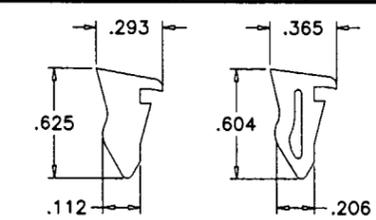
EXTERIOR GLAZING LEG



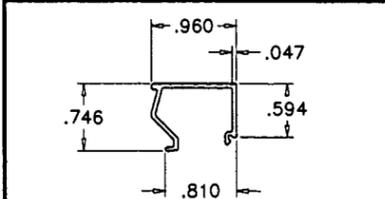
GLAZING BEAD VENT  
3/8" GLASS



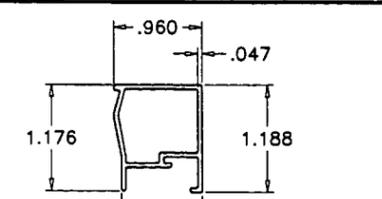
GLAZING BEAD FIX. LITE  
3/8" GLASS



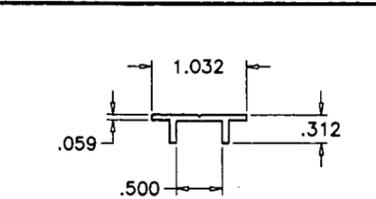
WEDGE GASKETS SCALE 1:1  
3/8" GLASS 9/16" GLASS



GLAZING BEAD VENT  
9/16" GLASS

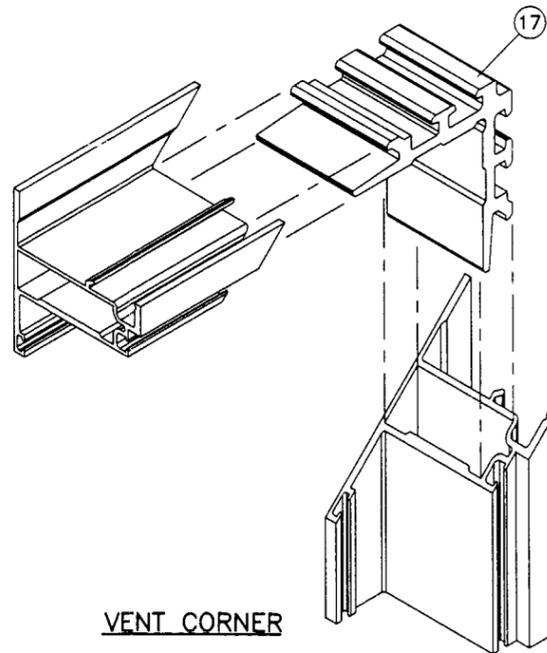


GLAZING BEAD FIX. LITE  
9/16" GLASS

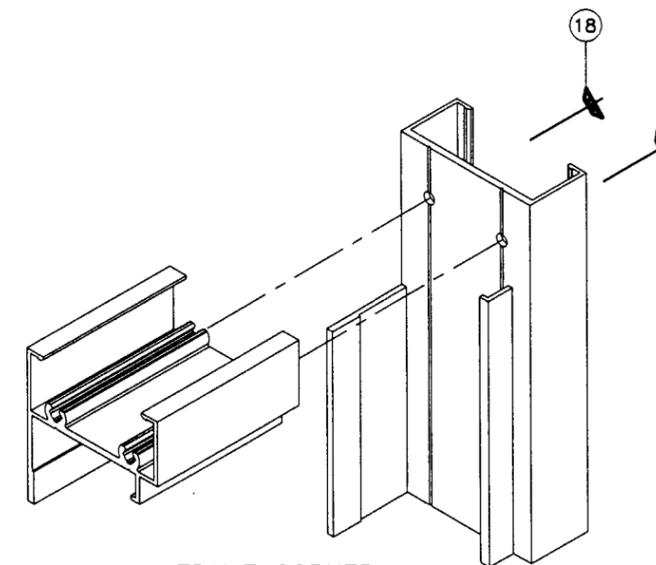


HINGE BASE

MATERIALS LIST					
ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPLIER/REMARKS
1	E9-4401	2/ WDW	FRAME HEAD/SILL	6063-T5	YKK AMERICA INC.
2	E9-4402	2/ WDW	FRAME JAMB	6063-T5	YKK AMERICA INC.
2A	E9-4403	AS REQD.	FRAME JAMB	6063-T5	YKK AMERICA INC.
3	E9-4415	4/ WDW	GLAZING STOP (FIX. LITE) 3/8" GLASS	6063-T5	YKK AMERICA INC.
3A	E9-4413	4/ WDW	GLAZING STOP (VENT) 3/8" GLASS	6063-T5	YKK AMERICA INC.
3B	E9-4429	4/ WDW	GLAZING STOP (FIX. LITE) 9/16" GLASS	6063-T5	YKK AMERICA INC.
3C	E9-4432	4/ WDW	GLAZING STOP (VENT) 9/16" GLASS	6063-T5	YKK AMERICA INC.
4	E9-4411	4/ WDW	VENT STILE	6063-T5	YKK AMERICA INC.
5	E9-4404	AS REQD.	HORIZONTAL MUNTIN	6063-T5	YKK AMERICA INC.
6	E9-4430	AS REQD.	VERT. IMPOST	6063-T5	YKK AMERICA INC.
7	E9-4431	AS REQD.	HORIZ. IMPOST	6063-T5	YKK AMERICA INC.
8	E9-4410	AS REQD.	FRAME ADAPTER	6063-T5	YKK AMERICA INC.
9	E9-4408	AS REQD.	EXTERIOR GLAZING LEG	6063-T5	YKK AMERICA INC.
10	E1-1548	AS REQD.	HINGE BASE	6063-T5	YKK AMERICA INC.
11	E2-0625	AS REQD.	BULB WEATHERSTRIPPING	PVC	YKK AMERICA INC.
12	E1-1542	2/ VENT	CAM LOCK AT 11" FROM TOP & BOTTOM	-	BRONZECRAFT, ATTACHED W/ (2) #10 X 1/2" SMS
13	E1-1519	1/ LOCK	LOCK KEEPERS	-	BRONZECRAFT, ATTACHED W/ (2) #10 X 1/2" SMS
14		2/ VENT	4 BAR HINGES AT TOP & BOTTOM		BRONZECRAFT (STORM HINGE OR STERLING)
15	E2-0630	AS REQD.	WEDGE GASKET (EPDM) 3/8" GLASS	DUROMETER 70±5	YKK AMERICA INC.
15A	E2-0617	AS REQD.	WEDGE GASKET (EPDM) 9/16" GLASS	DUROMETER 70±5	YKK AMERICA INC.
16	E2-0416	AS REQD.	GLAZING TAPE (3/8" X 1/8")	-	FOR 3/8" GLASS
16A	E2-0616	AS REQD.	GLAZING TAPE (3/8" X 3/16")	-	FOR 9/16" GLASS
17	E1-1540	1/ CORNER	CORNER BLOCK	6063-T5	YKK AMERICA INC.
18	#10 X 1"	2/ CORNER	FRAME ASSEMBLY SCREWS	CRS	PH SMS
19	E2-0627	AS REQD.	SETTING BLOCKS (FIX. LITE) 3/8" GLASS	EPDM	11/16" X 13/32" X 4" LONG
19A	E2-0660	AS REQD.	SETTING BLOCKS (FIX. LITE) 9/16" GLASS	EPDM	11/16" X 11/16" X 4" LONG
20	E2-0623	AS REQD.	SETTING BLOCKS (VENT) 3/8" GLASS	EPDM	1/4" X 7/16" X 4" LONG
20A	E2-9902	AS REQD.	SETTING BLOCKS (VENT) 9/16" GLASS	EPDM	1/4" X 3/4" X 4" LONG
21	E3-1101	2/ WDW	WEEP COVER	NYLON	AT WEEP SLOTS



VENT CORNER



FRAME CORNER

Engr: DR. HUMAYOUN FAROOQ  
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FLA. PE # 16557

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OCT 29 2001

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