



**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 Fixed Window**

**APPROVAL DOCUMENT:** Drawing No. **W01-30**, Sheets 1 through 3 of 3, titled "YOW-200 Aluminum Fixed Window," prepared, signed and sealed by Humayoun Farooq, P.E., dated 5/29/01, 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.

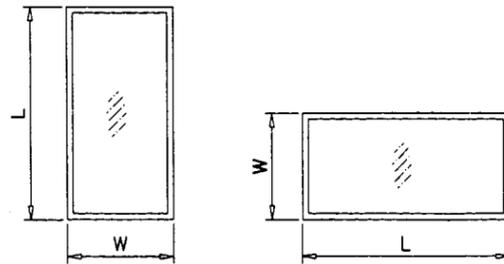
This NOA consists of this page 1 as well as approval document mentioned above.  
The submitted documentation was reviewed by **Raul Rodriguez**.



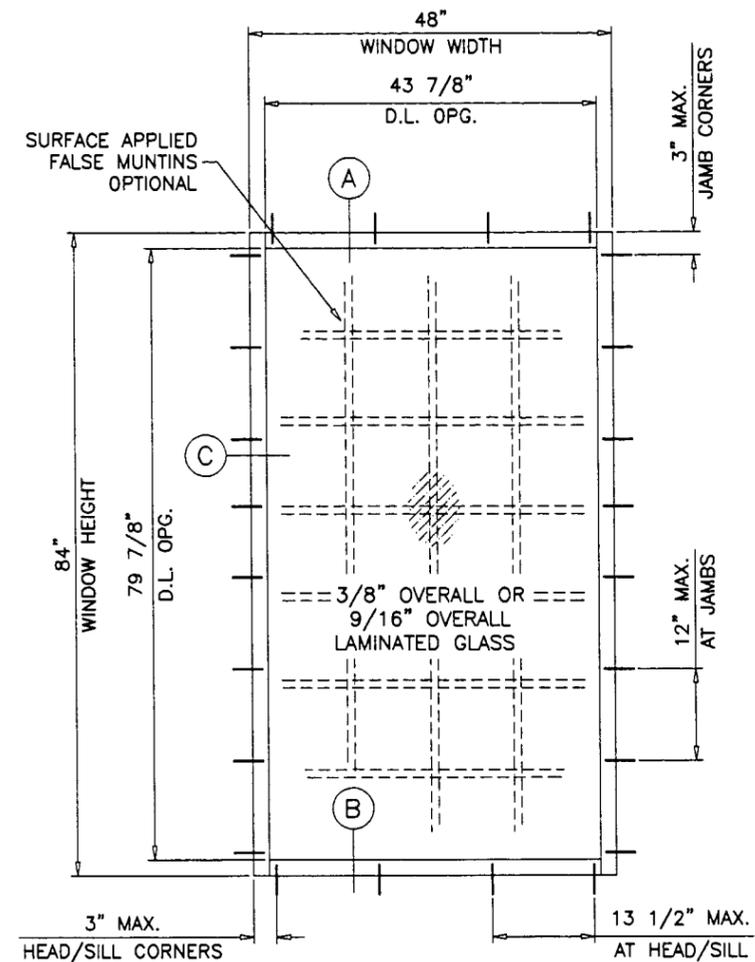
**NOA No 01-1119.06  
Expiration Date: February 21, 2007  
Approval Date: February 21, 2002  
Page 1**

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

WINDOW DIMS.		DESIGN LOAD CAPACITY-PSF	
WIDTH	LENGTH	EXT. (+)	INT. (-)
36"	60"	60.0	60.0
39"		60.0	60.0
42"		60.0	60.0
45"		60.0	60.0
48"		60.0	60.0
51"		56.5	56.5
54"		53.3	53.3
57"		50.5	50.5
60"	48.0	48.0	48.0
36"	66"	60.0	60.0
39"		60.0	60.0
42"		60.0	60.0
45"		60.0	60.0
48"		60.0	60.0
51"		56.5	56.5
54"		53.3	53.3
57"		50.5	50.5
60"	48.0	48.0	48.0
36"	72"	60.0	60.0
39"		60.0	60.0
42"		60.0	60.0
45"		60.0	60.0
48"		60.0	60.0
51"		56.5	56.5
54"		53.3	53.3
57"		50.5	50.5
60"	48.0	48.0	48.0
36"	78"	60.0	60.0
39"		60.0	60.0
42"		60.0	60.0
45"		60.0	60.0
48"		60.0	60.0
51"		56.5	56.5
54"		53.3	53.3
57"		50.5	50.5
60"	48.0	48.0	48.0
36"	84"	60.0	60.0
39"		60.0	60.0
42"		60.0	60.0
45"		60.0	60.0
48"		60.0	60.0
51"		56.5	56.5
54"		53.3	53.3
57"		50.5	50.5
60"	48.0	48.0	48.0
36"	90"	60.0	60.0
39"		60.0	60.0
42"		60.0	60.0
36"	96"	60.0	60.0
39"		60.0	60.0
42"		60.0	60.0



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



TYPICAL ELEVATION  
 TESTED UNIT

NOTES:

1. 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.
2. 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.
3. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
4. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
5. ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

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

OCT 29 2001

DATE: Feb. 21, 2002  
 SCALE: 1/2" = 1"  
 DR. BY: HAMID  
 CHK. BY:  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO 01-1119.06

*afsc*

**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL W01-30YKK

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

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YOW-200 ALUMINUM FIXED WINDOW

revisions:	no.	date	by	description

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date: 05-29-01  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

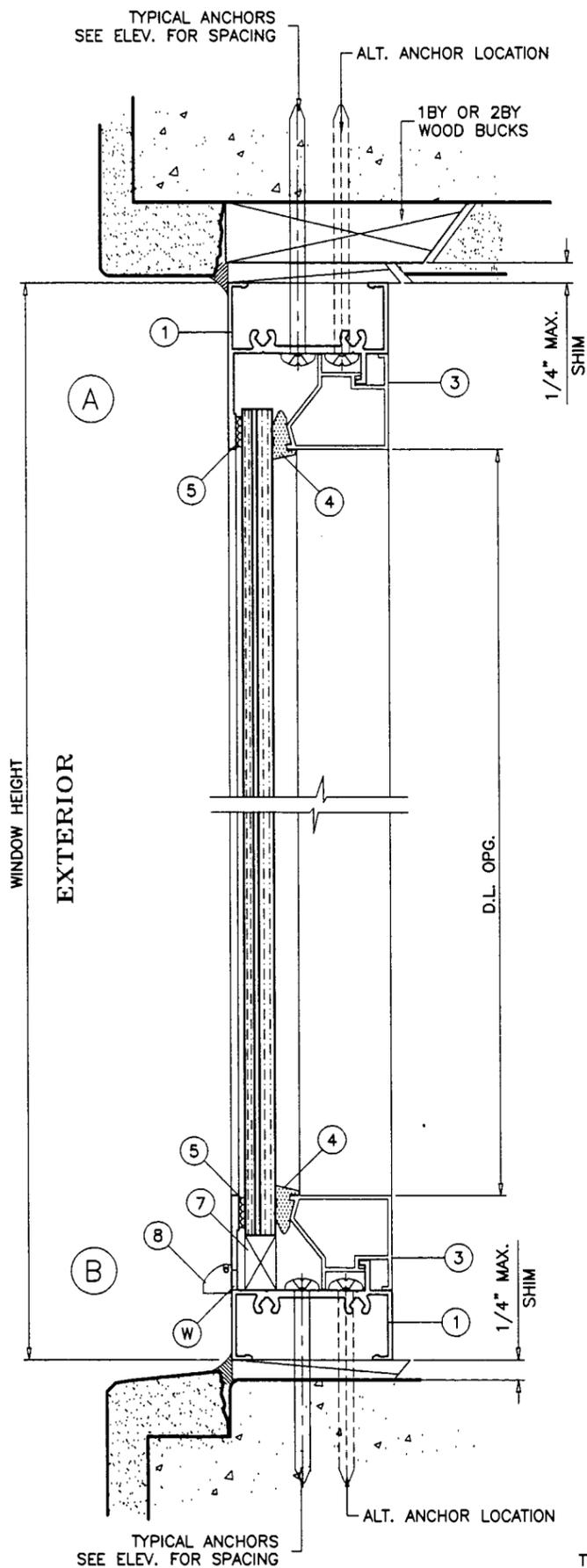
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drawing no.  
**W01-30**

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sheet 1 of 3

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

THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY  
 1/4" TAPCONS (BY ELCO OR EQUIV. ANCHOR HOLDING CURRENT N.O.A.)  
 1-1/4" MIN. MASONRY EMBED.

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE  
 1/4" TAPCONS  
 1-1/2" MIN. WOOD PENETRATION

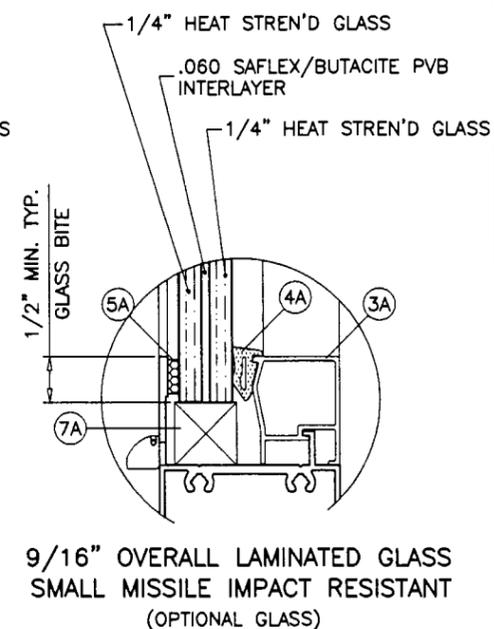
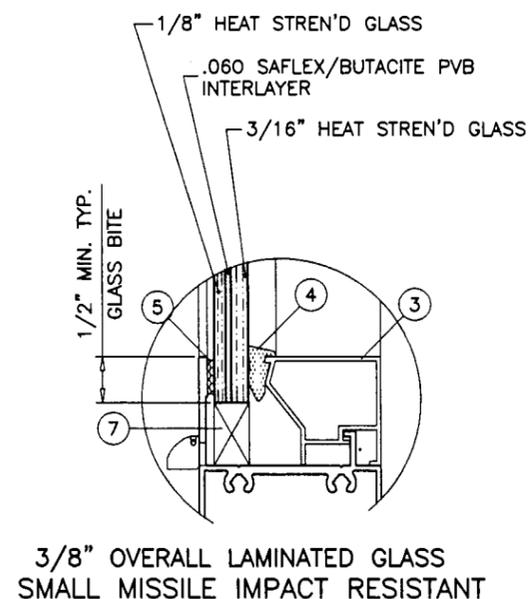
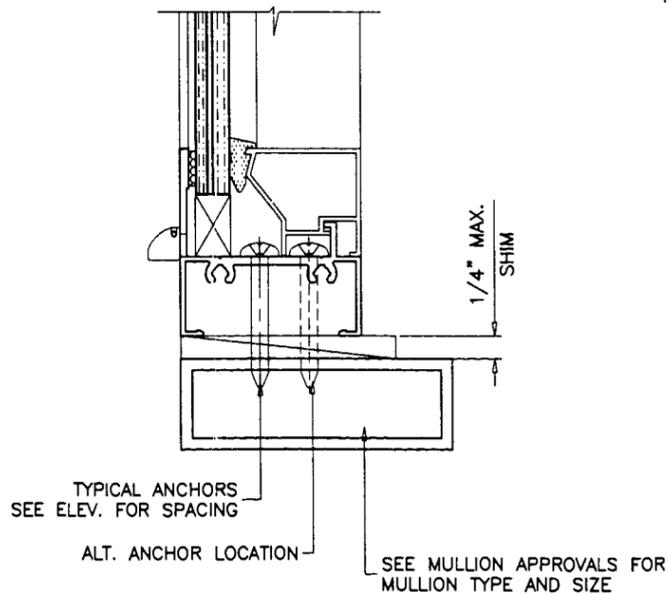
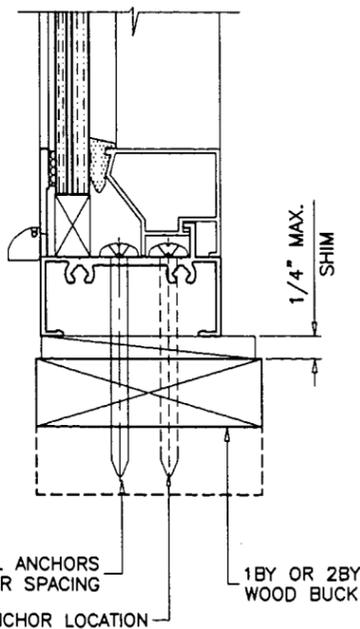
INTO MULLIONS OR METAL STRUCTURES  
 1/4" TEKS OR SELF DRILLING SCREWS

**SEALANTS:**

FRAME CORNERS, INSTALLATION SCREWS AND GLAZING BEAD ENDS SEALED WITH DOW CORNING 795 SILICONE SEALANT.

**WEEP HOLES:**

W = 1/4" X 1" WEEP SLOTS AT 12" FROM EACH END.



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

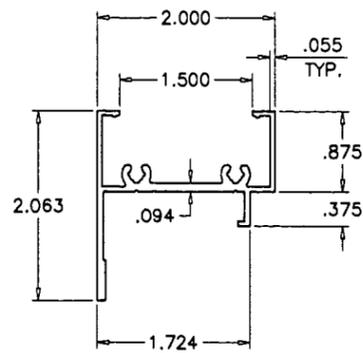
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 chk. by:  
 date: Feb 21, 2002  
 drawing no. W01-30  
 sheet 2 of 3

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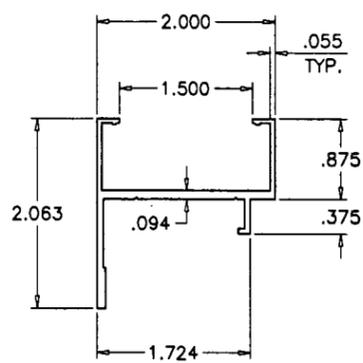
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 ATLANTA, GA. 30336  
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YOW-200 ALUMINUM FIXED WINDOW

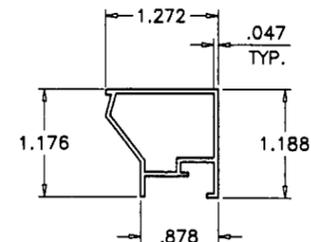
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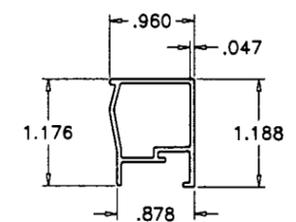
FRAME HEAD/SILL



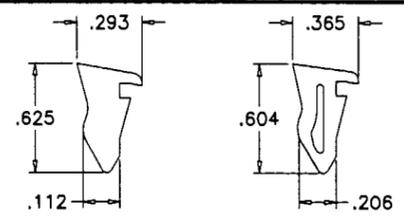
FRAME JAMB



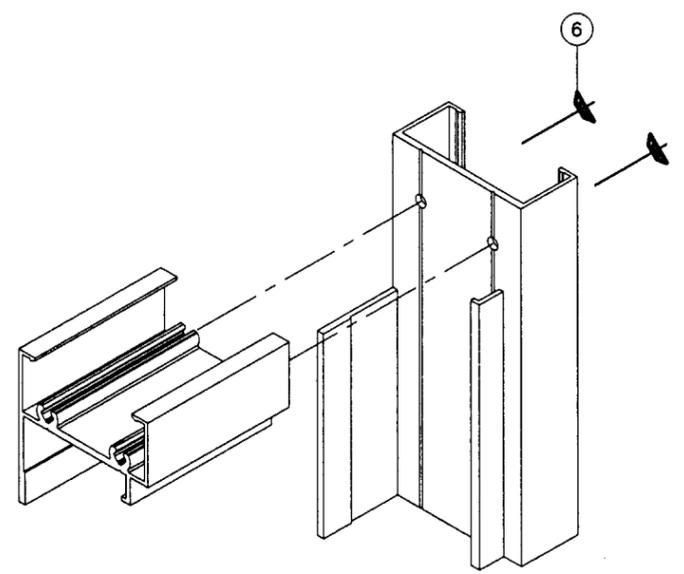
GLAZING BEAD  
3/8" GLASS



GLAZING BEAD  
9/16" GLASS

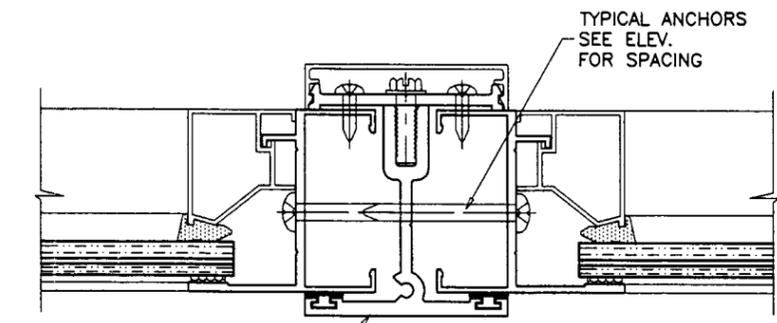
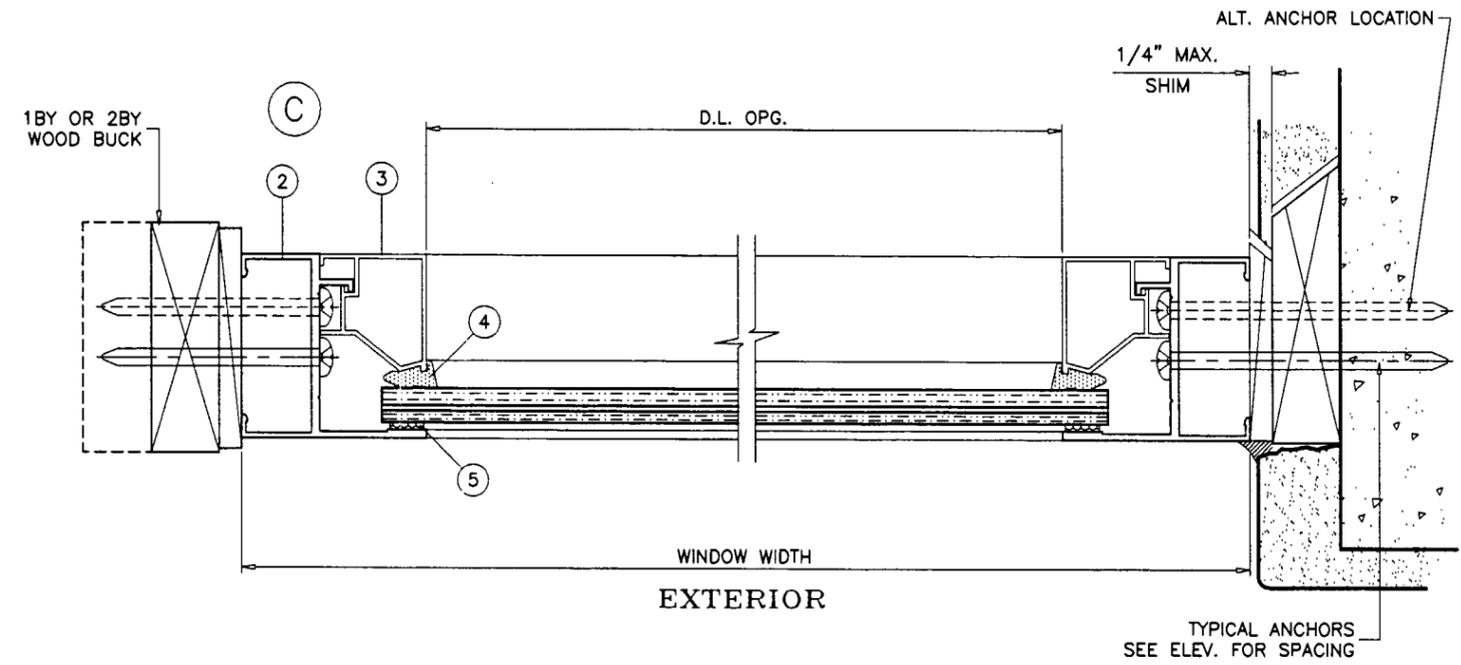


3/8" GLASS      9/16" GLASS  
WEDGE GASKETS SCALE 1:1



TYPICAL CORNER DETAIL

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.
3	E9-4415	4/ WDW	GLAZING STOP (3/8" GLASS)	6063-T5	YKK AMERICA INC.
3A	E9-4429	4/ WDW	GLAZING STOP (9/16" GLASS)	6063-T5	YKK AMERICA INC.
4	E2-0630	AS REQD.	WEDGE GASKET (EPDM) 3/8" GLASS	DUROMETER 70±5	YKK AMERICA INC.
4A	E2-0617	AS REQD.	WEDGE GASKET (EPDM) 9/16" GLASS	DUROMETER 70±5	YKK AMERICA INC.
5	E2-0416	AS REQD.	GLAZING TAPE (3/8" X 1/8")	EPDM & BUTYL	FOR 3/8" GLASS
5A	E2-0616	AS REQD.	GLAZING TAPE (3/8" X 3/16")	EPDM & BUTYL	FOR 9/16" GLASS
6	#10 X 1"	2/ CORNER	FRAME ASSEMBLY SCREWS	CRS	PH SMS
7	E2-0627	AS REQD.	SETTING BLOCKS (3/8" GLASS)	EPDM	-
7A	E2-0660	AS REQD.	SETTING BLOCKS (9/16" GLASS)	EPDM	-
8	E3-1101	2/ WDW	WEEP COVER	NYLON	AT WEEP SLOTS



SEE SEPARATE APPROVAL FOR MULLION/CONNECTION DETAILS

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

*[Signature]* Feb 21, 2002

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