



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1107
MIAMI, FLORIDA 33130-1563
(305) 375-2902 FAX (305) 372-6339**

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

**Innovative Window Concepts, LLC
1801 Corporate Drive
Boynton Beach, FL 33426**

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 "S-4000/ 4031 & 4062" Outswing Aluminum Casement Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W09-50**, titled "Series S-4000/ 4031 & 4062" Alum.

Outswing Casement Wdw.", sheets 1 through 4 of 4, dated 09/23/09, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, 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.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



*J. Gascon
1/28/10*

**NOA No. 09-1105.03
Expiration Date: February 17, 2015
Approval Date: February 17, 2010
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W09-50**, titled "Series S-4000/ 4031 & 4062" Alum. Outswing Casement Wdw.", sheets 1 through 4 of 4, dated 09/23/09, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, P. E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of out swing casement windows, prepared by American Test Lab of South Florida, Inc., Test Report No. **ATLSF 0128.01-09**, dated 10/01/09, signed and sealed by William R. Mehner, P. E. and Edmundo J. Largaespada, P. E.

C. CALCULATIONS

1. Anchor calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 10/16/09, signed and sealed by Arshad Viqar, P. E.
Complies with ASTM E1300-02/ 04

D. QUALITY ASSURANCE

1. Miami-Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

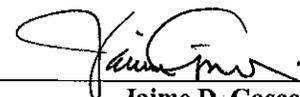
1. Notice of Acceptance No. **09-0312.03** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/13/09, expiring on 01/14/12.
2. Notice of Acceptance No. **09-0312.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite® PVB, Interlayer**" dated 05/13/09, expiring on 12/11/10.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated October 15, 2009, signed and sealed by Arshad Viqar, P. E.
2. Laboratory compliance letter for Test Report no. **ATLSF 0128.01-09**, issued by American Test Lab of South Florida, Inc., dated October 01, 2009, signed and sealed by William R. Mehner, P. E. and Edmundo J. Largaespada, P. E.

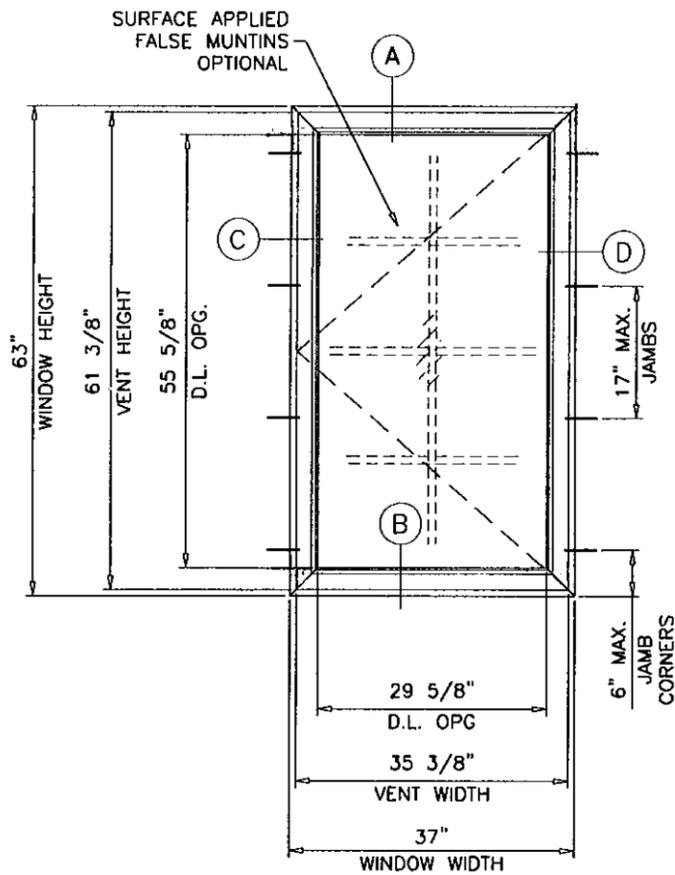
G. OTHERS

1. None.



Jaime D. Gascon, P. E.
Chief, Product Control Division
NOA No. 09-1105.03

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TYPICAL ELEVATION

**SERIES 4030/4031/4062
ALUMINUM OUTSWING CASEMENT WINDOW**

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF CASEMENT/CASEMENT OR CASEMENT WITH OTHER MIAMI-DADE COUNTY APPR'D 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 2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

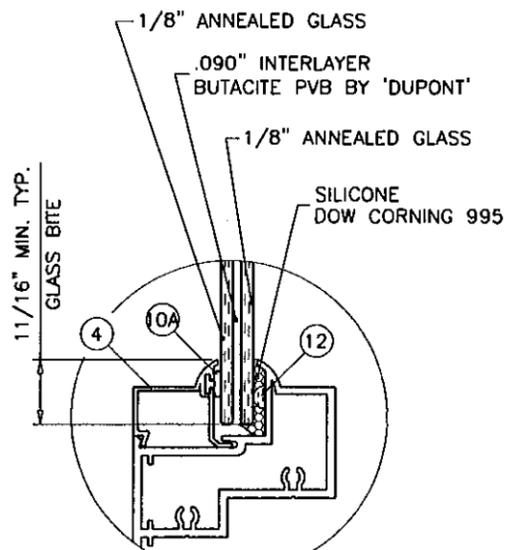
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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.

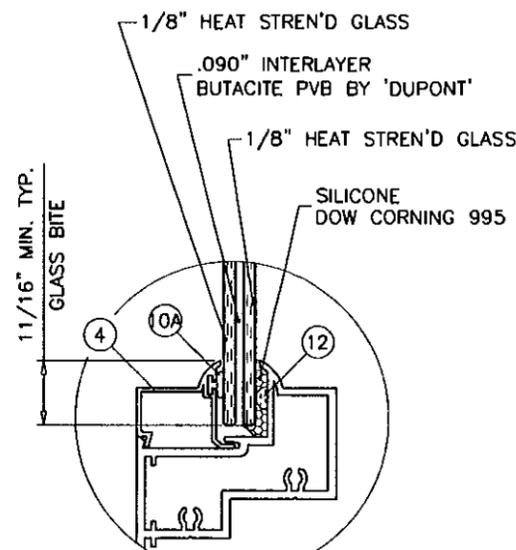
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

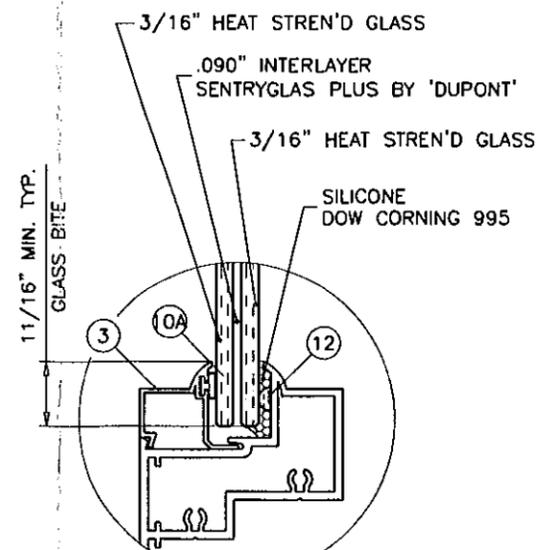
THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.



SERIES 4030



SERIES 4031



SERIES 4062

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 65.0 PSF
SERIES 4030

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 75.0 PSF
SERIES 4031

MAXIMUM DESIGN LOAD RATING = + 90.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 95.0 PSF
SERIES 4062

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-02/04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
Arjan
OCT 28 2009

Approved as complying with the Florida Building Code
Date 02/17/2010
NOA# 09-1105.03
Miami Dade Product Control Division
By *[Signature]*

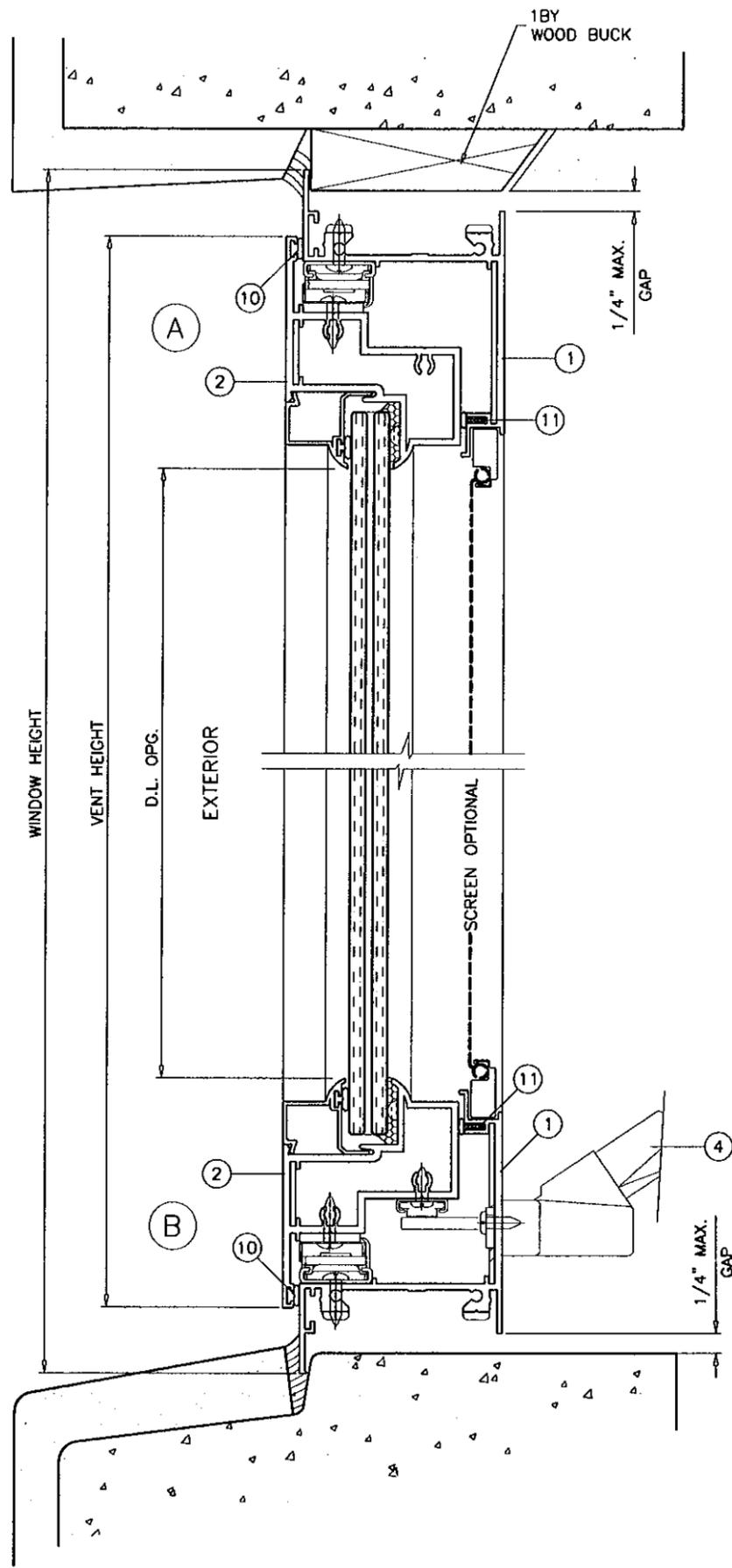
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ENGINEERS & PRODUCT DEVELOPMENT
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no	date	description

date: 09-23-09
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:
drawing no. **W09-50**
sheet 1 of 4



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	021-048	4/	WDW. FRAME HEAD, SILL, JAMB	6063-T5	-
2	022-035	4/	WDW. SASH TOP, BOT, VERTICAL	6063-T5	-
3	021-040	4/	SASH 7/16 GLAZING BEAD	6063-T5	-
4	021-034	4/	SASH 5/16 GLAZING BEAD	6063-T5	-
5	021-049	2/	WDW. CANTELEVER PLATE, 3" LG	6063-T5	AT ANCHOR LOCATION
6	021-050-1	1/	CORNER FRAME CORNER KEY	6063-T5	-
7	021-050-2	1/	CORNER SASH CORNER KEY	6063-T5	-
9	021-011	AS	REOD. SILICONE	DOW 995	DOW
10	023-005	AS	REOD. FOAM FILLED BULB VINYL-32005 @ SASH	-	AMESBURY (HEAD/JAMBS)
10A	015-001	AS	REOD. GLAZING VINYL	-	MASTER TOOL
11	023-004	AS	REOD. FOAM FILLED BULB VINYL-12032 @ FRAME	-	AMESBURY
12	015-006	AS	REOD. 1/8" DIA. GLASS SPACER	ACRYLIC	FRANK LOW RUBBER
15	008-014	2/	CORNER #8 X 1 PPH SMS ST/ST	ST/ST	CORNER ASSEMBLY SCREWS
17	40978	-	KEEPER	ULTRA	(4) ULTRA
18	#8X1 PPH SMS	-	KEEPER FASTENER	ST/ST	(8)
19	C0592	AS	REOD. SNUBBERS SET	ST/ST	ULTRA
20	#8X1 PPH SMS	2/	SNUBBER SNUBBER FASTENER	ST/ST	-
21	31678	-	HANDLE (1)	-	ULTRA
22	#10-32 MS SELF TAP	-	HANDLE FASTENER (2)	ST/ST	-
23	57750	-	OFFSET (1)	ST/ST	ULTRA
24	15026R1	-	CRANK HANDLE (1)	-	ULTRA
25	8300	-	SLIDE BAR W/GUIDE	6063-T5	(4) PIN ADVANTAGE MFG
26	#10-32 MS SELF TAP	-	SLIDE BAR FASTENER	ST/ST	(8)

HARDWARE PACKAGE 'A' EGRESS			
PART NO.	DESCRIPTION	MATERIAL	SUPPLIER
53703	SINGLE ARM OPERATOR (1)		ULTRA
#10X1" FH PH SMS	OPERATOR FASTENER (4)	ST/ST	
91023	TRACK (1)	ST/ST	ULTRA
#8X1/2 UC SS	TRACK FASTENER (2)	ST/ST	
65203	OPERTOR SHIM (1)	RIGID PLASTIC	ULTRA
5012LR	HINGE (2)	ST/ST	ADVANTAGE MFG
#10X5/8" TEX (5)	HINGE FASTENER (10)	ST/ST	

HARDWARE PACKAGE 'B' WASHABILITY DUAL ARM			
PART NO.	DESCRIPTION	MATERIAL	SUPPLIER
53564	DUAL ARM OPERATOR (1)		ULTRA
#10X1" FH PH SMS	OPERATOR FASTENER (4)	ST/ST	
C0314	TRACK (1)	ST/ST	ULTRA
#8X1/2" UC SS	TRACK FASTENER (2)	ST/ST	
65203	OPERTOR SHIM (1)	RIGID PLASTIC	ULTRA
10558.XX	STUD BRACKET		TRUTH
008-A0-010	STUD BRACKET FASTENER	ST/ST	#8X1/2" UCFCSS SS
4110	HINGE (2)	ST/ST	ADVANTAGE MFG
#10X3/4" TEX (5)	HINGE FASTENER (10)	ST/ST	

HARDWARE PACKAGE 'C' WASHABILITY DYAD			
PART NO.	DESCRIPTION	MATERIAL	SUPPLIER
53638	DYAD OPERATOR (1)		ULTRA
#10X1" FH PH SMS	OPERATOR FASTENER (4)		
65203	OPERTOR SHIM (1)	RIGID PLASTIC	ULTRA
10558.XX	STUD BRACKET		TRUTH
008-A0-010	STUD BRACKET FASTENER	ST/ST	#8X1/2" UCFCSS SS
4110	HINGE (2)	ST/ST	ADVANTAGE MFG
#10X3/4" TEX (5)	HINGE FASTENER (10)	ST/ST	

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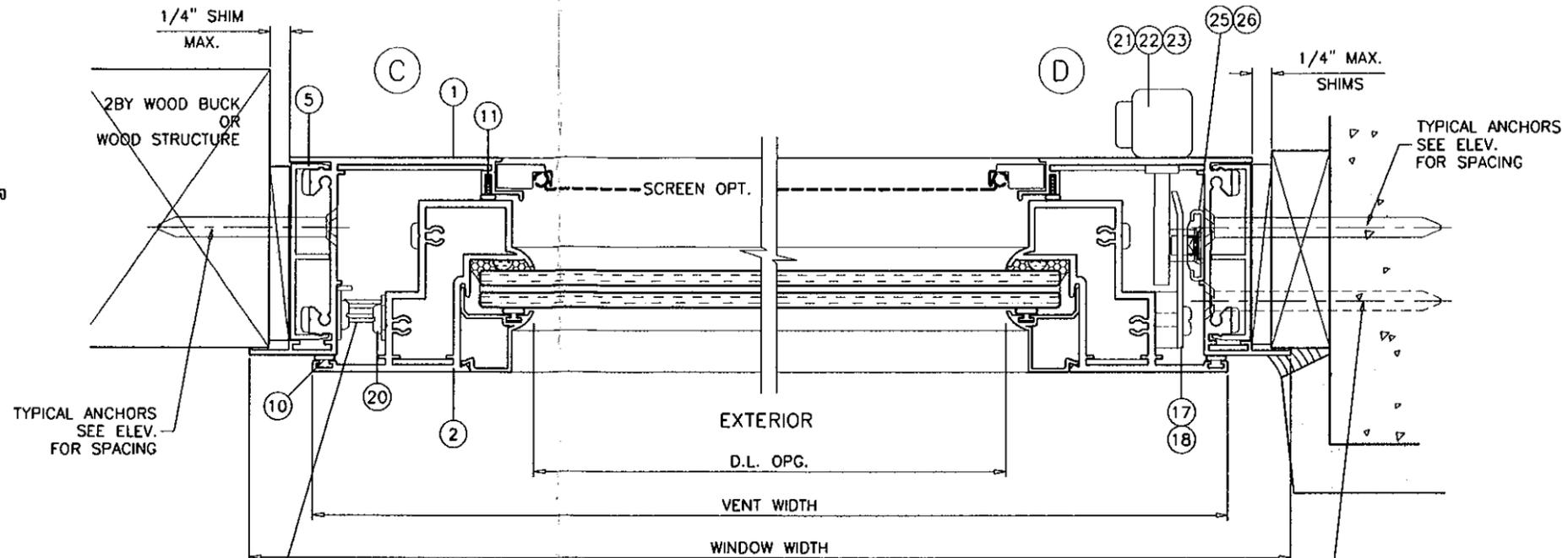
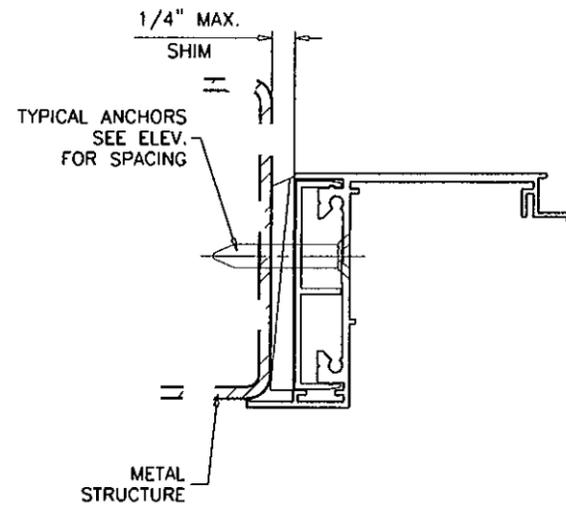
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 dr. by: HAMID
 chk. by:
 drawing no. **W09-50**
 sheet 2 of 4



19 4 REQD. AT 17" O.C. FOR SERIES 4030/4031 WDW.
 7 REQD. AT 8-1/2" O.C. FOR SERIES 4062 WDW.

WOOD BUCKS AND METAL STRUCTURE NOT BY I.W.C. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-3/8" 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 (GRADE 2 CRS)

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 (GRADE 2 CRS)

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

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

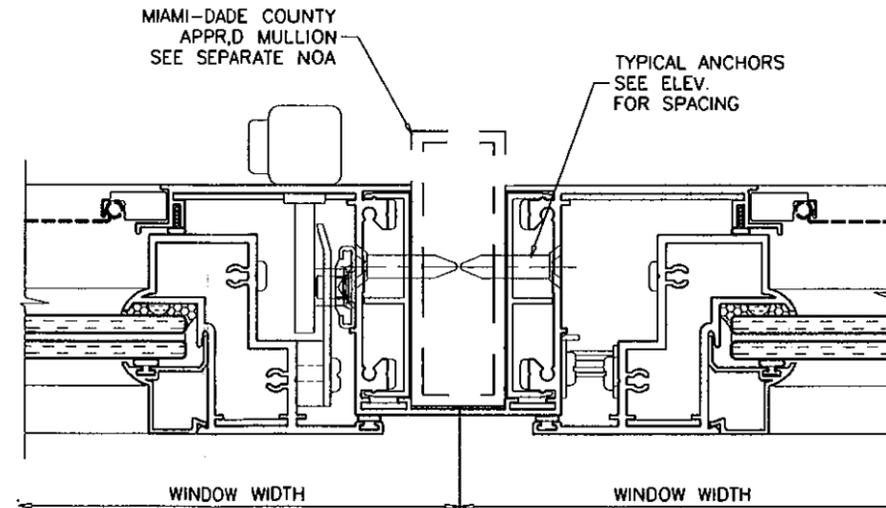
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD SEAM SEALER SM5504.



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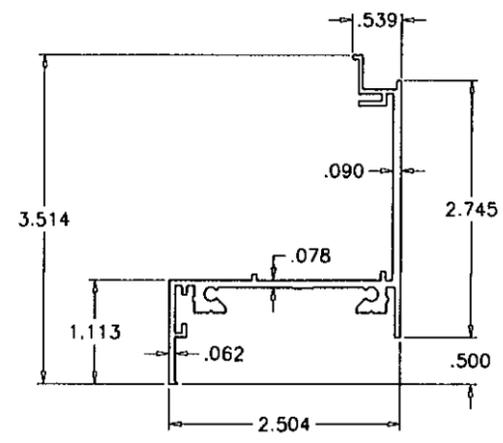
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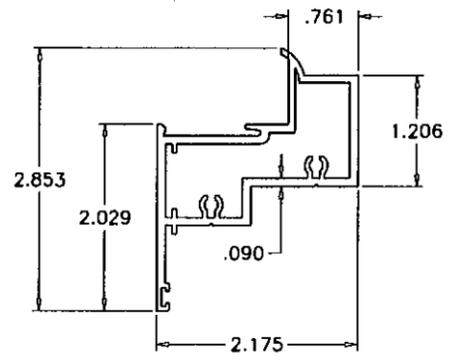
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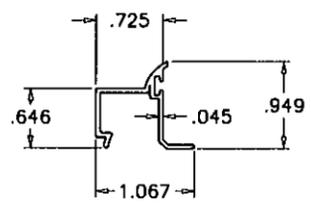
sheet 3 of 4



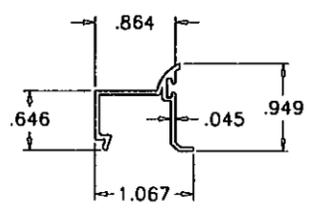
① FRAME HEAD/SILL/JAMB



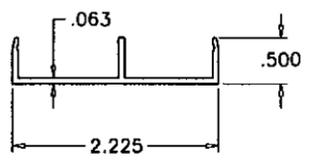
② SASH TOP/BOTTOM/VERTICAL



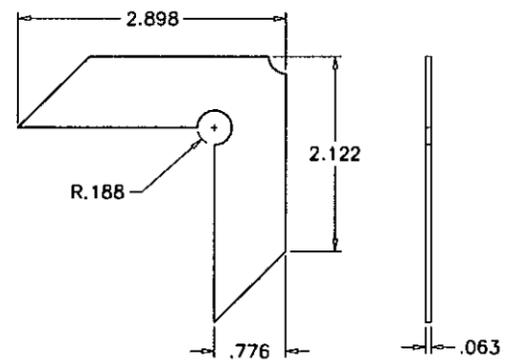
③ 7/16" GLAZING BEAD



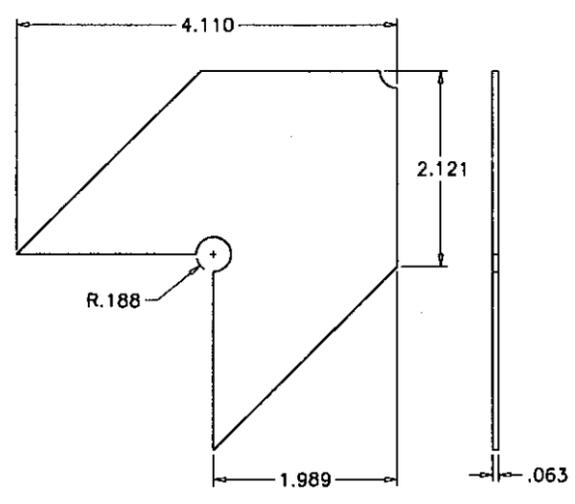
④ 5/16" GLAZING BEAD



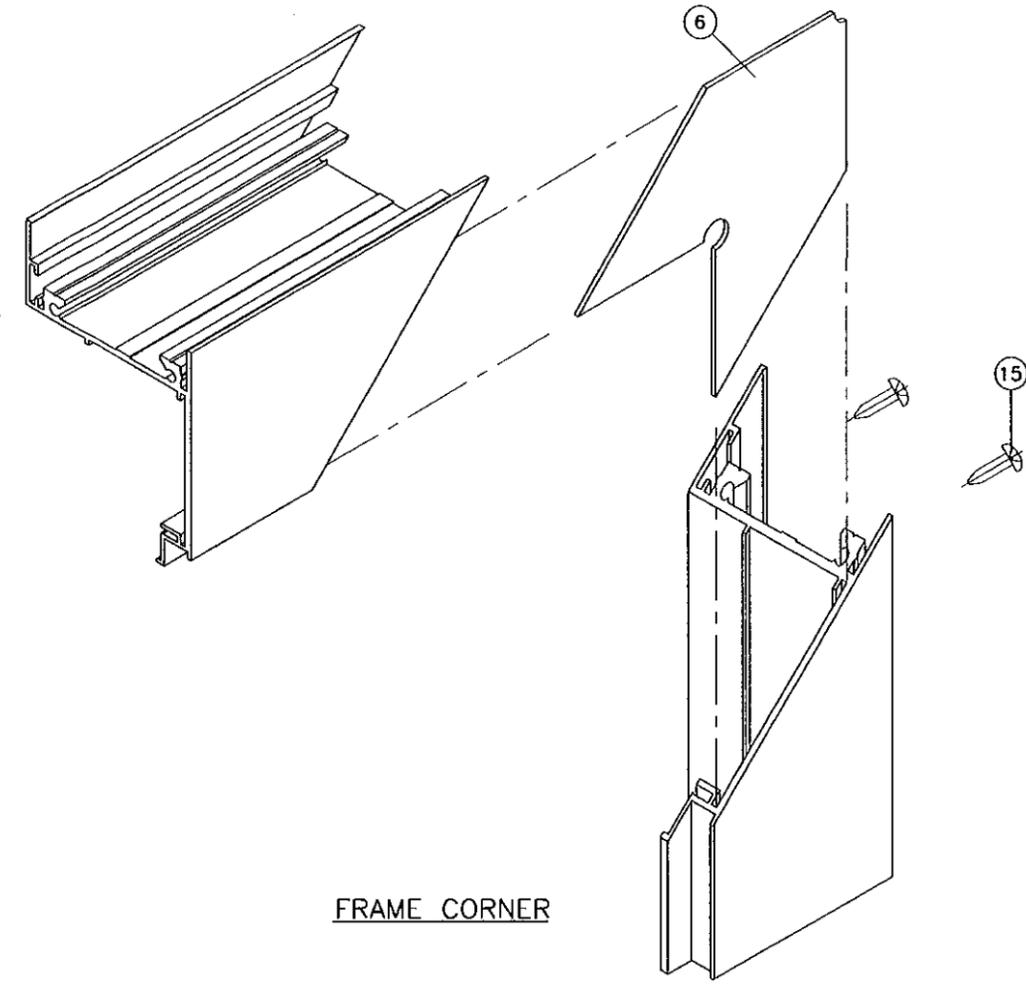
⑤ CANTILEVER PLATE



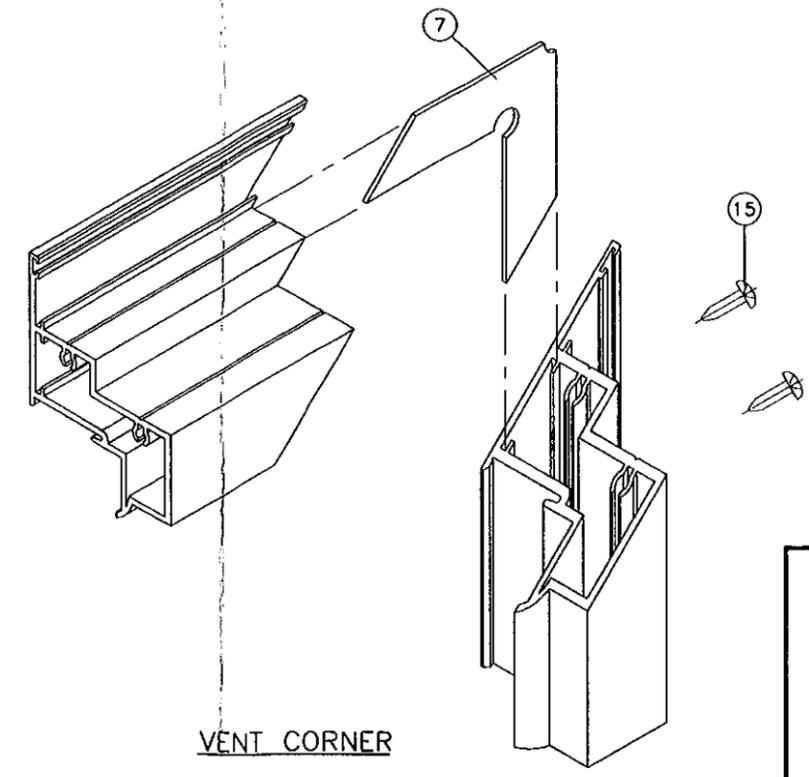
⑦ SASH CORNER KEY



⑥ FRAME CORNER KEY



FRAME CORNER



VENT CORNER

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sheet 4 of 4