



**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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**Eagle Window & Door, Inc.  
2045 Kerper Boulevard  
Dubuque, IA 52004**

**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Series "99-CAV" Aluminum Clad Wood Awning Window**

**APPROVAL DOCUMENT:** Drawing No. S99-59, titled "Vented Aluminum Clad Casement Awnings", sheets 1 through 4 of 4, prepared by R.W. Building Consultants, Inc., dated 9/20/99 with revision #3 dated 2/3/03, 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**

**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 renews NOA # 99-0913.03 and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 02-1029.03  
Expiration Date: March 17, 2008  
Approval Date: March 6, 2003  
Page 1**

**Eagle Window & Door, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **S99-59**, titled "Vented Aluminum Clad Casement Awnings", sheets 1 through 4 of 4, prepared by R.W. Building Consultants, Inc., dated 9/20/99 with revision #3 dated 2/3/03.

**B. TESTS**

1. Test reports on
  - 1) Air Infiltration Test, per TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
  - 3) Water Resistance Test, per 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 3603.2 (b) and TAS 202-94along with marked-up drawings and installation diagram of aluminum clad wood casement and casement awning windows, prepared by Certified Testing Laboratories, Test Report No. **CTLA-437W1**, dated September 15, 1999, signed and sealed by Ramesh C. Patel, P.E.

**C. CALCULATIONS**

1. Anchor Calculations, dated September 5, 1999, and February 22, 2000, prepared, signed and sealed by Mark C Fetherman, P.E.

**D. MATERIAL CERTIFICATIONS**

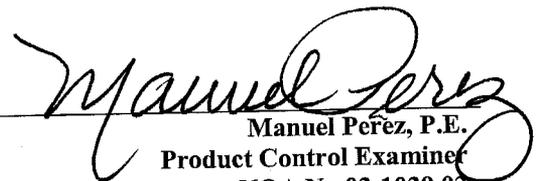
1. Notice of Proposed Action No. **99-0908.01**, issued to Cardinal DPG for their Cardinal "Sea-Storm Type B" Glass Laminate, approved on December 30, 1999 and expiring on December 30, 2002.

**E. STATEMENTS**

1. Letter from Eagle Window & Door, Inc., dated 10/7/02, stating that the product has not changed since it was originally approved.
2. Letter from R.W. Consultants, Inc., dated 10/25/02, stating that the product has not changed since it was originally approved.

**F. OTHER**

1. Notice of Acceptance No. **99-0913.03**, issued to Eagle Window & Door, Inc. for their Series "99-CAV" Aluminum Clad Wood Awning Window, approved on 3/17/00 and expiring on 3/17/03.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No 02-1029.03

Expiration Date: March 17, 2008  
Approval Date: March 6, 2003

# EAGLE 99 SERIES

## WOOD AWNING WINDOW W/ALUMINUM CLADDING VENTED PANELS

### GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AS SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THIS PRODUCT DOES NOT REQUIRE WINDORNE DEBRIS EXTERNAL PROTECTION AS PRESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE.
5. DESIGN PRESSURE RATING SHALL BE AS FOLLOW:  
- FOR UP TO 48" X 36" VENT CASEMENTS SEE TABLE 1.
6. ALL DIMENSIONS ARE GIVEN IN INCHES UNLESS OTHERWISE SHOWN.
7. LATEX OR SILICONE CAULKING SEALANT SHALL BE USED BETWEEN ALUMINUM CLADDING AND WOOD BUCK.

### PRODUCT DESCRIPTION

#### FRAME CONSTRUCTION:

1. LAMINATED VENEERED LUMBER CLEAR PINE VENEER. EXTERIOR SURFACE CLAD WITH ALUMINUM. THE CORNER ARE CONNECTED USING A CORNER KEY & SECURED WITH (2) #6 x 3/8" PFH MS AT EACH CORNER.

#### PANEL CONSTRUCTION:

1. SELECT SOFT WOOD, FINGER JOINTED WITH CLEAR PINE VENEER. EXTERIOR SURFACES CLAD WITH ALUMINUM. THE CORNERS ARE CONNECTED USING A SASH CORNER KEY & SECURED WITH A #7 x 1.25" PFHWS AT EACH CORNER.

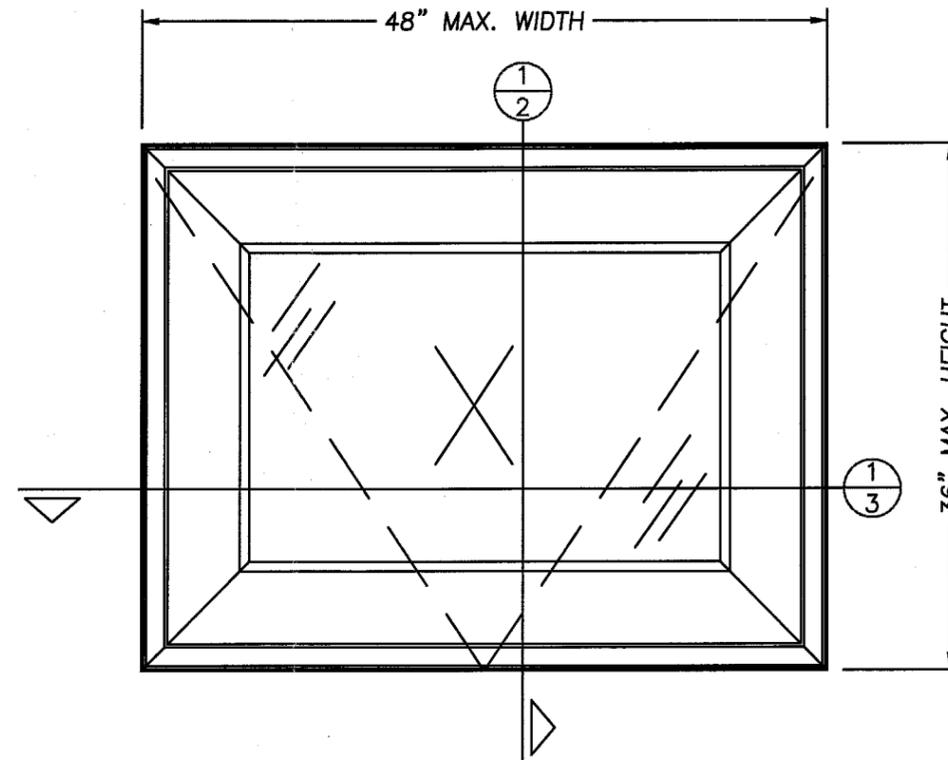
#### VENT CONSTRUCTION:

1. ALL CORNERS MORTISED AND TENONED, GLUED AND SECURED WITH (1) BRAD NAIL, IN THE STILES TOP & BOTTOM RAILS.

### TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	GENERAL NOTES & ELEVATION
2	VERTICAL CROSS SECTION
3	HORIZONTAL CROSS SECTION
4	ANCHORING & GLAZING DETAILS

## EXTERIOR ELEVATION



VENT CASEMENT AWNING  
(OPERABLE)

### DESIGN PRESSURE TABLE 1

PRODUCT	DAYLIGHT OPENING	POSITIVE	NEGATIVE
OPERABLE AWNING WINDOW	UP TO 9.0 SQ. FT.	+60 PSF	-65 PSF

EAGLE Window & Door, Inc.  
2045 Kerper Boulevard  
Dubuque, IA 52004-1072  
PH. 319.556.4408

PRODUCT:  
VENTED ALUMINUM CLAD CASEMENT AWNINGS  
PART OR ASSEMBLY:  
ELEVATION

NO.	DATE	BY	REVISIONS
3	2/3/03	REMOVED FIXED AWNING ROF	
2	2/1/02	GLAZING DETAIL	
1	2/9/00	GENERAL	

**RW** BUILDING  
CONSULTANTS, INC.  
813.659.9197

DATE: 9/20/99

SCALE: N.T.S.

DWG. BY: RWBC

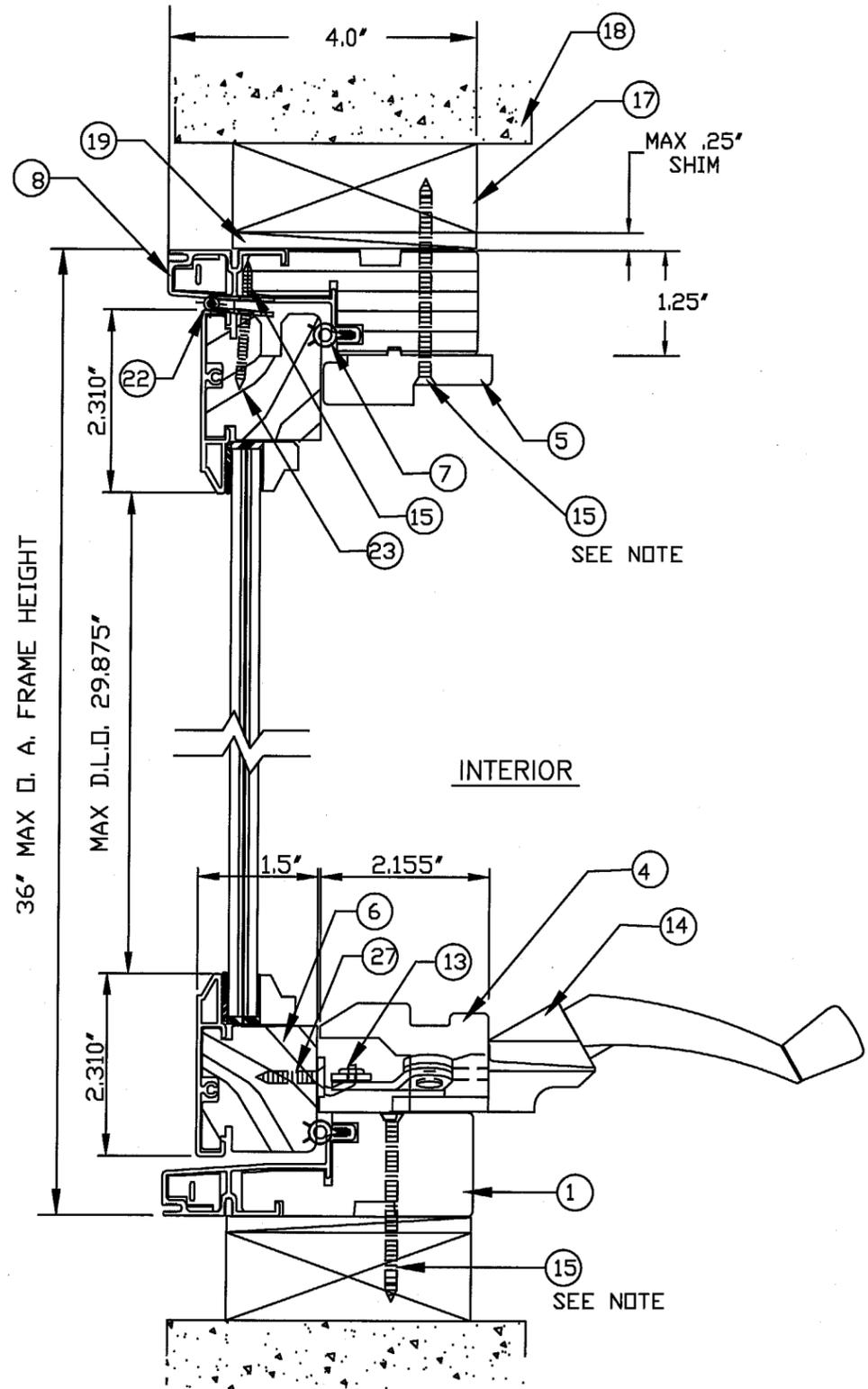
CHK. BY:

DRAWING NO.:

S99-59

SHEET 1 OF 4

Approved as complying with the  
Florida Building Code  
Date MARCH 6, 2003  
NOA# 02-1029.03  
Miami Dade Product Control  
Division  
By: *[Signature]*



1 VERTICAL CROSS SECTION  
2 ACTIVE PANEL

### BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL	REMARKS
1	HEAD & SILL JAMB	WOOD	LVL
2	SIDE STOP	WOOD	-----
3	SIDE JAMB	WOOD	-----
4	SILL COVER VENTED	WOOD	207K.01
5	HEAD STOP VENTED	WOOD	-----
6	STILE	WOOD	-----
7	FRAME BULB WEATHERSTRIP	FOAM	A00F.01
8	FRAME CLADDING (A04A.01)	EXT ALUM	6063T-6
9	GLAZING STOP	WOOD	201B.01
10	SASH CLADDING (A07I.01)	EXT ALUM	6063T-6
11	CORNER KEY (FRAME)	VINYL	A100.01
12	NOT USED	-	-----
13	SASH HOOK (LOCK)	STEEL	A02B.01
14	AWNING OPERATOR	STEEL	-----
15	#8 X 3\"	STEEL	1\" FROM EA. END @ 4\" O.C.
16	LAMINATED GLASS (SEA STORM BY CARDINAL TYPE "B" WITH TAIL) 5/32" Annealed Glass - 0.045" PVB - 0.007" PET - 0.045" PVB 5/32" Annealed Glass (Interlayer by Dupont)		
16	LAMINATED GLASS (SEA STORM BY CARDINAL TYPE "B" WITHOUT TAIL) 5/32" Annealed Glass - 0.015" PVB - 0.007" PET - 0.075" PVB 5/32" Annealed Glass (Interlayer by Dupont)		
17	2 x BUCK	WOOD	-----
18	MASONRY		
19	MAX. 0.25" SHIM SPACE		
20	FOAM TAPE		
21	SILICONE GLAZING	-	DOW 995
22	PIANO HINGE	-	-
23	#8 X 1" PFHWS	-	1" FROM EA. END @ 4" O.C.
24	LATEX CLAUKING		
25	1/4" TAPCON ELCO	STEEL	1.25" MIN. EMBEDMENT
26	STEEL BRAD 1 1/4" L.	18GA. STEEL	3" FROM CORNER 8" MAX. O.C.
27	#8 x 3/4" PFHWS	STEEL	-----
28	SASH WEATHERSTRIPPING	FOAM	A25Y.01
29	RAIL FIXED	WOOD	21DE.01

NOTE: (FINAL ANCHORING)  
WHEN INSTALLING IN A MASONRY WALL WITH LESS THAN A 2x BUCK USE ITEM #30 (ELCO TAPCON), MIN. EMBEDMENT OF 1.25' INTO MASONRY.

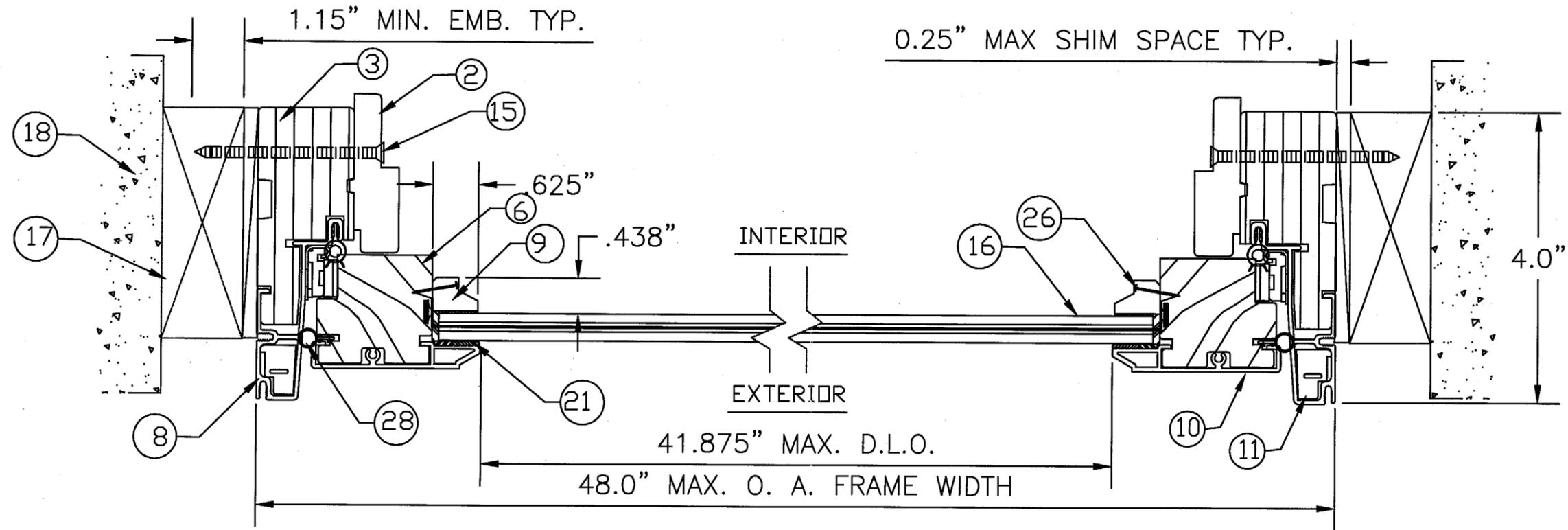
EAGLE Window & Door, Inc.  
375 East 9th St.  
Dubuque, IA 52004-1072  
PH. 319.556.4408

PRODUCT:		VENTED ALUMINUM CLAD CASEMENT AWNINGS	
PART OR ASSEMBLY:		VERTICAL CROSS SECTION	
NO.	DATE	REMOVED FIXED AWNING	REVISIONS
3	2/3/03	ROF	
2	2/1/02	R.W.	
1	2/9/00	T.H.	
		GENERAL	

RW BUILDING CONSULTANTS, INC.  
813.859.9197

DATE: 9/20/99  
SCALE: N.T.S.  
DWG. BY: RWBC  
CHK. BY:  
DRAWING NO.: S99-59  
SHEET 2 OF 4

Approved as complying with the Florida Building Code  
Date MARCH 6, 2003  
NOA# 02-1029.03  
Miami Dade Product Control Division  
By Mmanuel Perry



1 HORIZONTAL CROSS SECTION  
3 ACTIVE AWNING

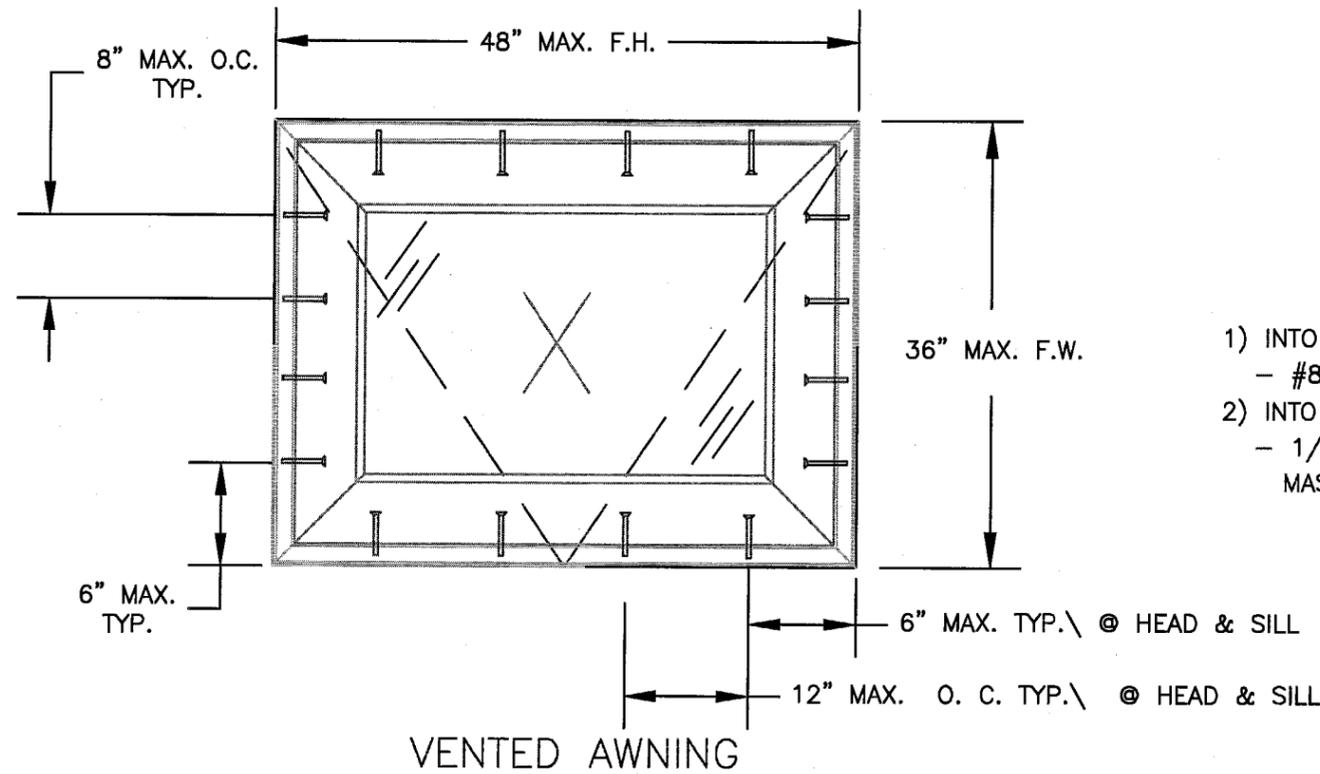
EAGLE Window & Door, Inc.  
 375 East 9th St.  
 Dubuque, IA 52004-1072  
 PH. 319.556.4408

PRODUCT:		VENTED CLAD CASEMENT AWNINGS	
ALUMINUM CLAD CASEMENT AWNINGS		PART OR ASSEMBLY:	
HORIZONTAL CROSS SECTION		HORIZONTAL CROSS SECTION	
NO.	DATE	REVISIONS	BY
3	2/3/03	REMOVED FIXED AWNING	ROF
2	2/1/02	GLAZING DETAIL	R.W.
1	2/9/00	GENERAL	T.H.

**RW** BUILDING CONSULTANTS, INC.  
 813.659.9197

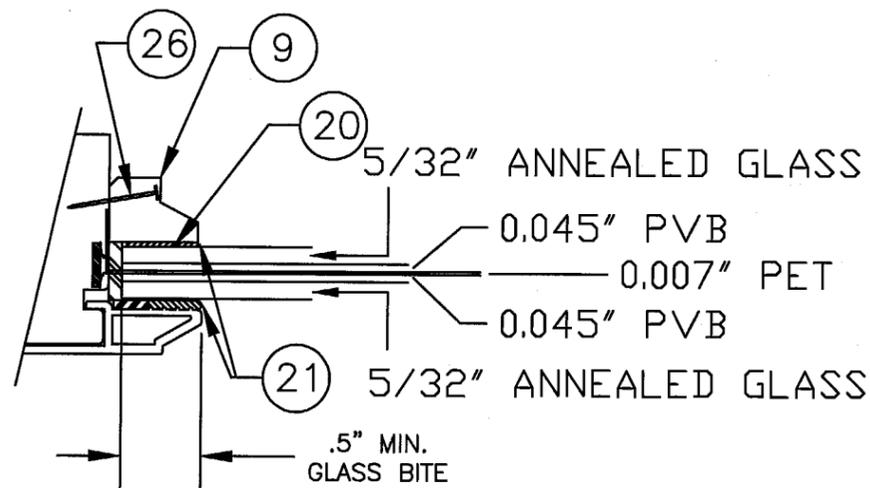
DATE:	9/20/99
SCALE:	N.T.S.
DWG. BY:	RWBC
CHK. BY:	
DRAWING NO.:	S99-59
SHEET	3 OF 4

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 Miami Dade Product Control Division  
 By *Manuel Perez*

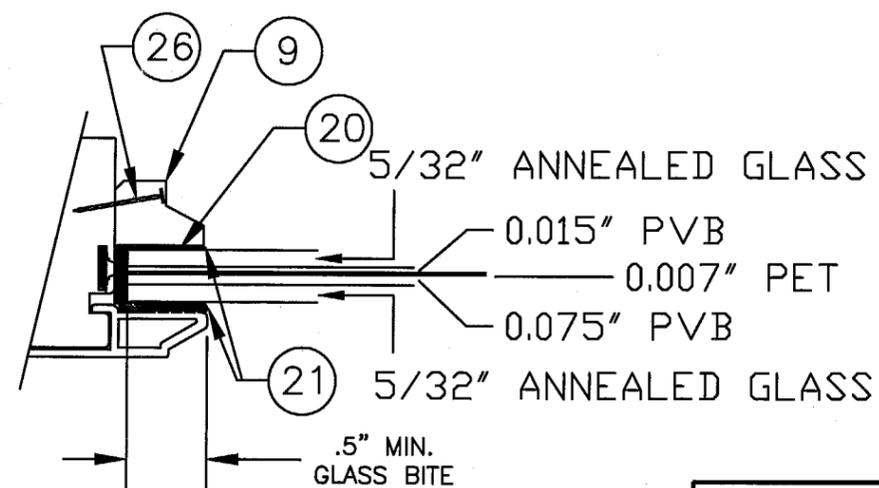


TYPICAL ANCHORS

- 1) INTO 2 BY WOOD BUCKS OR WOOD STRUCTURE
  - #8 WOOD SCREW WITH 1.15 INCHES MIN. EMBEDMENT INTO SUB-BUCK.
- 2) INTO 1 BY WOOD BUCK OR MASONRY STRUCTURE
  - 1/4" DIA. ITW TAPCON WITH 1.25 INCHES MIN. EMBEMENT INTO MASONRY AND MIN. EDGE DISTANCE OF 2.5".



GLAZING DETAIL  
SEASTORM TYPE "B" WITH TAIL



GLAZING DETAIL  
SEASTORM TYPE "B" WITHOUT TAIL

EAGLE Window & Door, Inc.  
375 East 9th St.  
Dubuque, IA 52004-1072  
PH. 319.556.4408

PRODUCT:  
VENTED ALUMINUM CLAD CASEMENT AWNINGS  
PART OR ASSEMBLY:  
ANCHORING AND GLAZING DETAILS

NO.	DATE	REVISIONS
3	2/3/03	REMOVED FIXED AWNING ROF
2	2/1/02	GLAZING DETAIL
1	2/9/00	GENERAL
		BY

**RW** BUILDING CONSULTANTS, INC.  
813.659.9197

DATE: 9/20/99  
SCALE: N.T.S.  
DWG. BY: RWBC  
CHK. BY:  
DRAWING NO.: S99-59  
SHEET 4 OF 4

Approved as complying with the Florida Building Code  
Date MARCH 6, 2003  
NOA# 02-1029.03  
Miami Dade Product Control  
Division  
By M. J. Perry