



MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

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

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Eagle Window & Door, Inc.
375 East Ninth Street
Dubuque IA 52004-1072

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT SECTION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

Your application for Product Approval of:

Series "99-CAV" Aluminum Clad Wood Awning Window - Impact Resistant

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 approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime 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 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.: 99-0913.03

Expires: 03/17/2003

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 Dade County, Florida under the conditions set forth above

Francisco J. Quintana, R.A.
Director

Miami-Dade County
Building Code Compliance Office

Approved: 03/17/2000

1 of 3



Eagle Window & Door, Inc.

ACCEPTANCE No.: 99-0913.03

APPROVED : MAR 17 2000

EXPIRES : MAR 17 2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This approves an aluminum clad wood awning 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 "99-CAV" Aluminum Clad Wood Awning Window – Impact Resistant, and its components shall be constructed in strict compliance with the following documents: Drawing No S99-59, by RW Consulting, titled "Vented & Fixed Aluminum Clad Casement Awnings" Sheets 1 through 4 of 4, dated 9/20/99, revised on 2/9/00, 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 operable and fixed single unit applications, as shown in approved drawings.

4. INSTALLATION

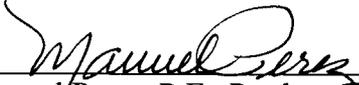
- 4.1 The aluminum clad wood awning window and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

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

Eagle Window & Door, Inc.

ACCEPTANCE No.: 99-0913.03

APPROVED : MAR 17 2000

EXPIRES : MAR 17 2003

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 Miami-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 time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE



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

EAGLE 99 SERIES

WOOD AWNING WINDOW W/ALUMINUM CLADDING
VENTED & FIXED PANELS

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
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. IMPACT RESISTANT SHUTTERS NOT REQUIRED.
5. DESIGN PRESSURE RATING SHALL BE AS FOLLOW:
- FOR UP TO 48" X 36" VENT AND FIXED 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.

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SHEET #	DESCRIPTION
1	GENERAL NOTES & ELEVATIONS
2	VERTICAL CROSS SECTIONS
3	HORIZONTAL CROSS SECTIONS
4	ANCHORING LAYOUT

EXTERIOR ELEVATIONS

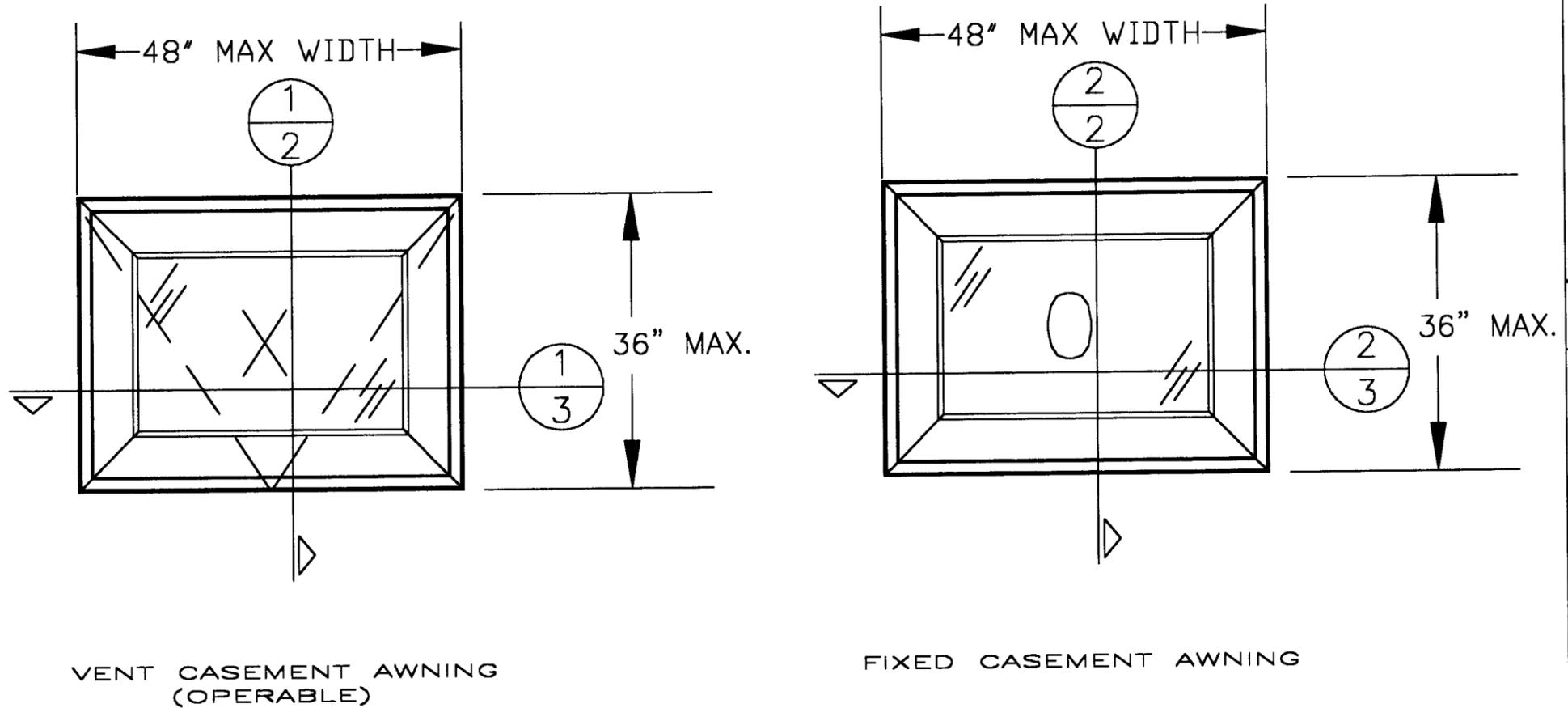


TABLE # 1

PRODUCT	DAYLIGHT OPNG.	DES. PRESSURE RATING (PSF)	GLASS TYPE & THICKNESS
FIXED/OPERABLE AWNING WINDOW	UP TO 9.00 SQ.FT.	+60 -65 PSF	0.157" ANNEALED GLASS 0.090" INTERLAYER S.G.P. 0.157" ANNEALED GLASS 0.404" LAM. ANNEALED GLASS

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

PRODUCT:		PART OR ASSEMBLY:	
VENTED & FIXED ALUMINUM CLAD CASEMENT AWNINGS		ELEVATIONS	
NO.	DATE	GENERAL	REVISIONS
1	2/9/00		
		T.H.	BY

RW
CONSULTING
(813) 684-3831

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE March 17, 2000
BY Maurice Sorez
PRODUCT CONTROL DIV. S ON
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0913-03

DATE: 9/20/99
SCALE: N.T.S.
DWG. BY: RWBC
CHK. BY:
DRAWING NO.: S99-59
SHEET 1 OF 4

BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL	REMARKS
1	HEAD & SILL JAMB	WOOD	LVL
2	SIDE STOP	WOOD	-----
3	HEAD & SILL STOP FIXED	WOOD	209X.01
4	SIDE JAMB	WOOD	-----
5	SILL COVER VENTED	WOOD	207K.01
6	HEAD STOP VENTED	WOOD	-----
7	RAIL FIXED	WOOD	21DE.01
8	STILE	WOOD	-----
9	FRAME BULB WEATHERSTRIP	FOAM	AMESBURY
10	FRAME CLADDING (A04A.01)	EXT ALUM	6063T-6
11	ANCHOR CLIPS FIXED (A27B.01)	STEEL	-----
CLIPS PLACED AT 6.0" FROM EACH CORNER AND A MAXIMUM OF 8" BETWEEN.			
12	SASH WEATHERSTRIP	FOAM	AMESBURY
13	GLAZING STOP	WOOD	201B.01
14	SASH CLADDING (A07I.01)	EXT ALUM	6063T-6
15	CORNER KEY (FRAME)	VINYL	A100.01
16	NOT USED	-	-----
17	SASH HOOK (LOCK) A02B.01	STEEL	TRUTH HARDWARE
(2 - ONE EACH LOCATED 6" FROM EACH END OF SILL)			
18	AWNING OPERATOR	STEEL	-----
19	#6 X 1" PFHWS	STEEL	-----
20	#8 X 3" PFHWS	STEEL	1" FROM EA. END @ 4" O.C.
21	LAMINATED GLASS (SEA STORM TYPE "B" BY CARDINAL)		
0.157" Annealed Glass - 0.045" PVB - 0.007" PET - 0.045" PVB			
0.157" Annealed Glass (Interlayer by Dupont)			
22	2 x BUCK	WOOD	-----
23	MASONRY		
24	MAX. 0.25" SHIM SPACE		
25	FOAM TAPE		
26	SILICONE GLAZING	-	DOW 995
27	AWNING HINGE	STEEL	TRUTH HARDWARE
28	#8 X 1" PFHWS	-	1" FROM EA. END @ 4" O.C.
29	LATEX CLAUKING		
30	1/4" TAPCON ELCO	STEEL	1.25" MIN. EMBEDMENT
31	STEEL BRAD 1 1/4" L.	18GA. STEEL	3" FROM CORNER 8" MAX. O.C.

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

PRODUCT: VENTED & FIXED ALUMINUM CLAD CASEMENT AWNINGS
 PART OR ASSEMBLY:
 VERTICAL CROSS SECTIONS

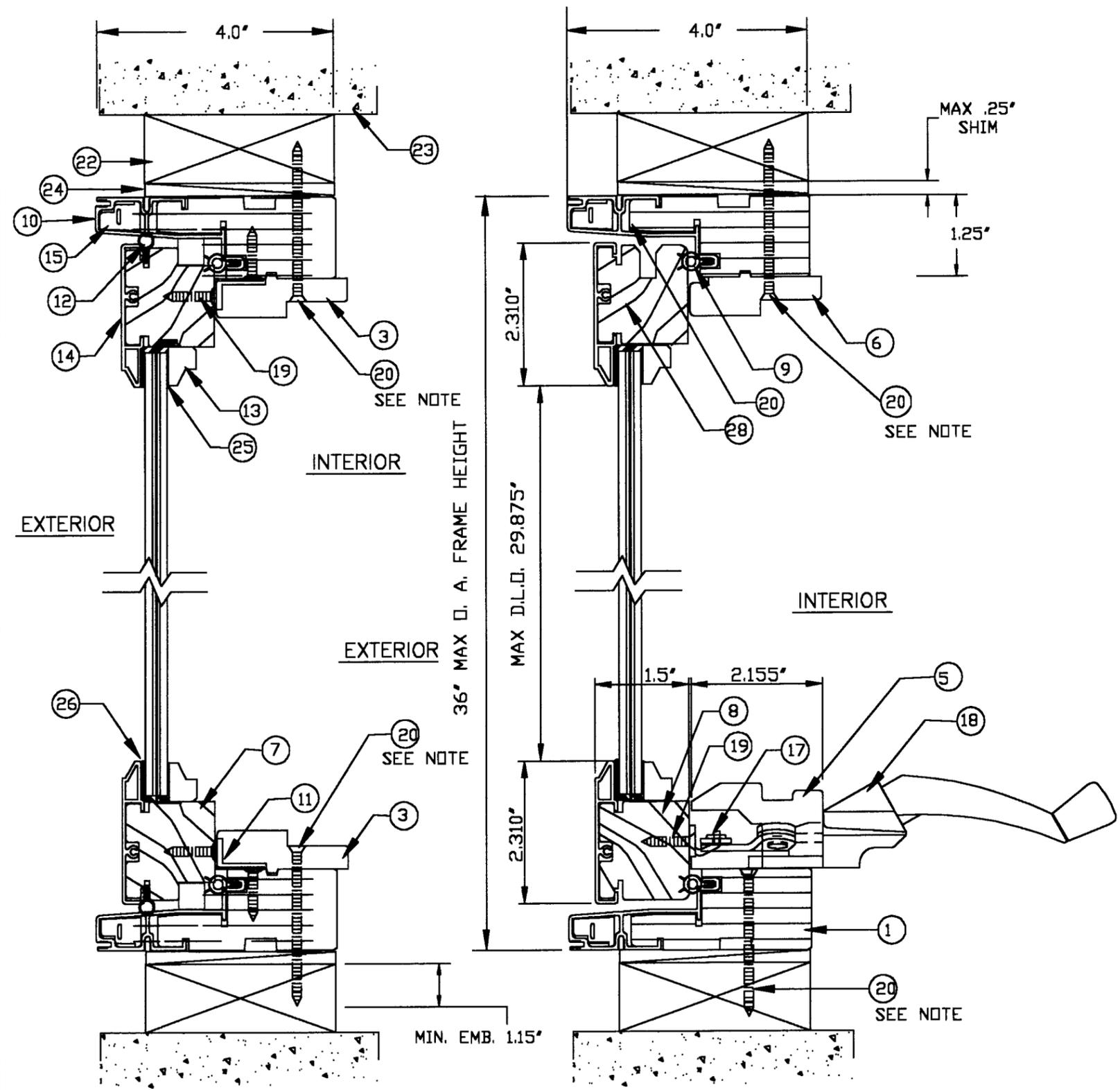
NO.	DATE	GENERAL	T.H.	BY	REVISIONS
1	2/9/00	GENERAL			

RW
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 (813) 684-3831

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.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE *March 17, 2000*
 BY *Manned*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. *99-0913.03*

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



2 VERTICAL CROSS SECTION
 2 FIXED PANEL

1 VERTICAL CROSS SECTION
 2 ACTIVE PANEL

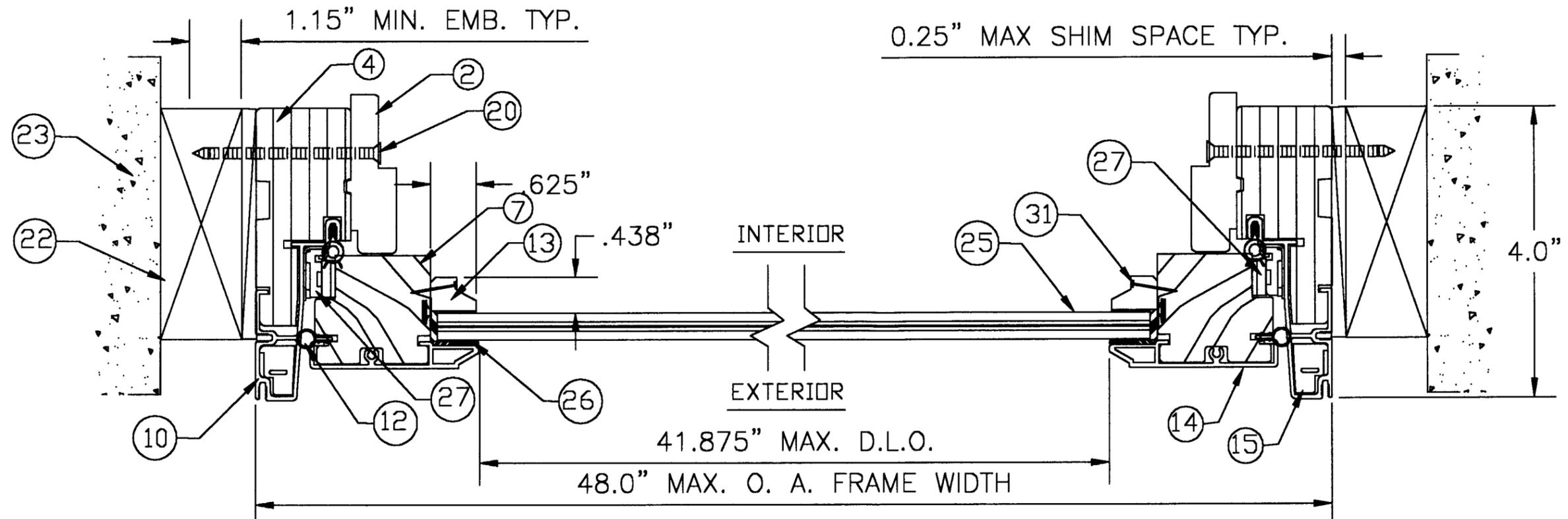
EAGLE Window & Door, Inc.
 375 East 9th St.
 Dubuque, IA 52004-1072
 PH. 319.556.4408

PRODUCT: VENTED & FIXED ALUMINUM CLAD CASEMENT AWNINGS
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

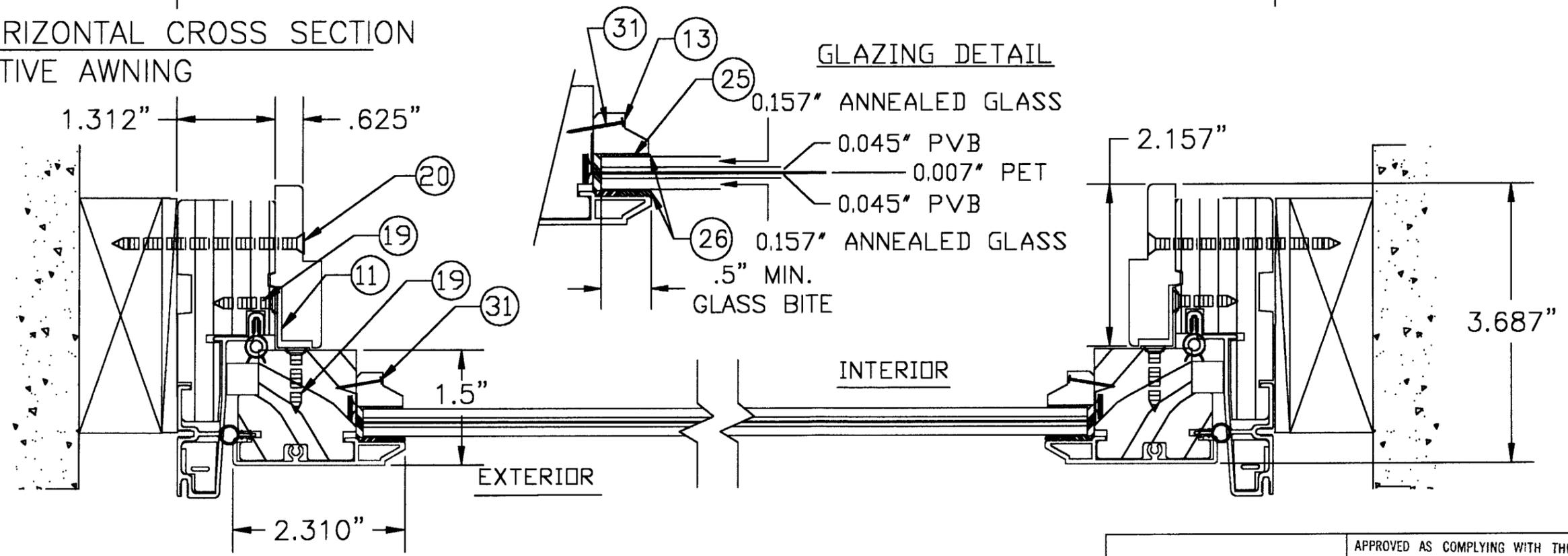
NO	DATE	GENERAL	T.H.	BY
1	2/9/00	GENERAL		

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 (813) 684-3831

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

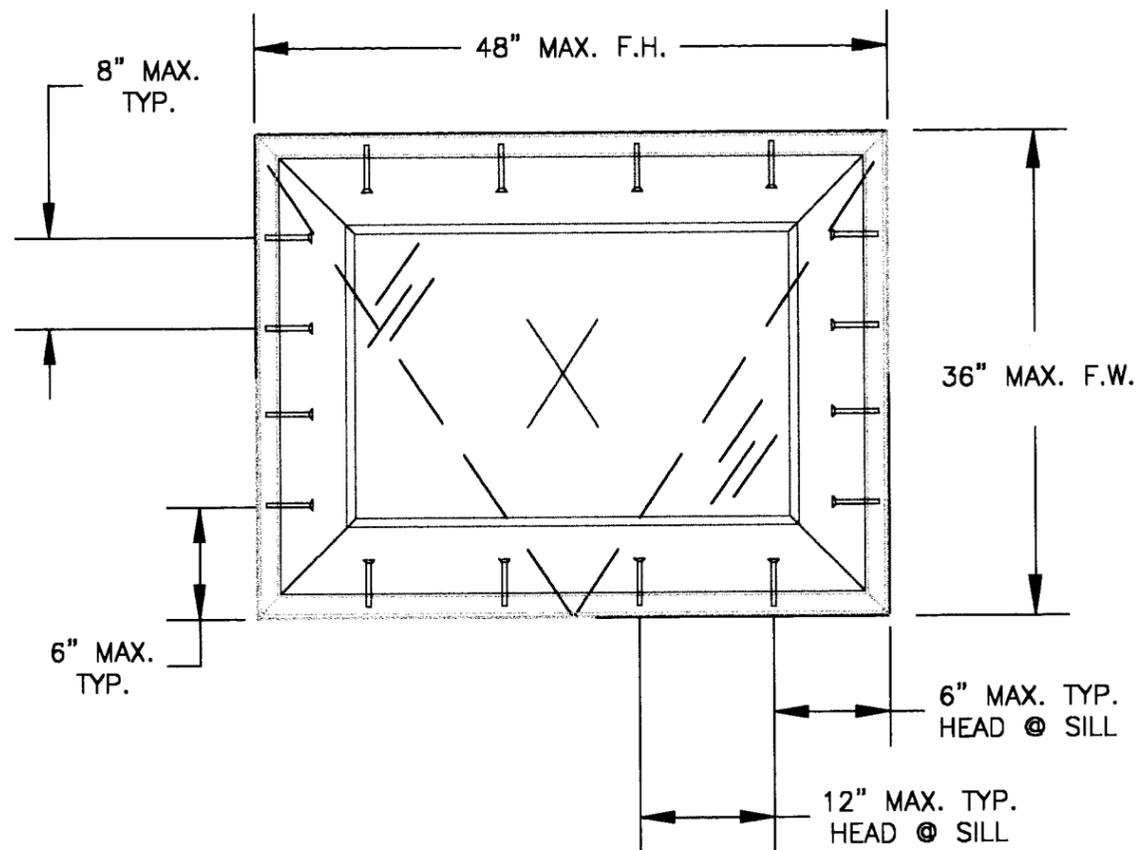


1 HORIZONTAL CROSS SECTION
 3 ACTIVE AWNING

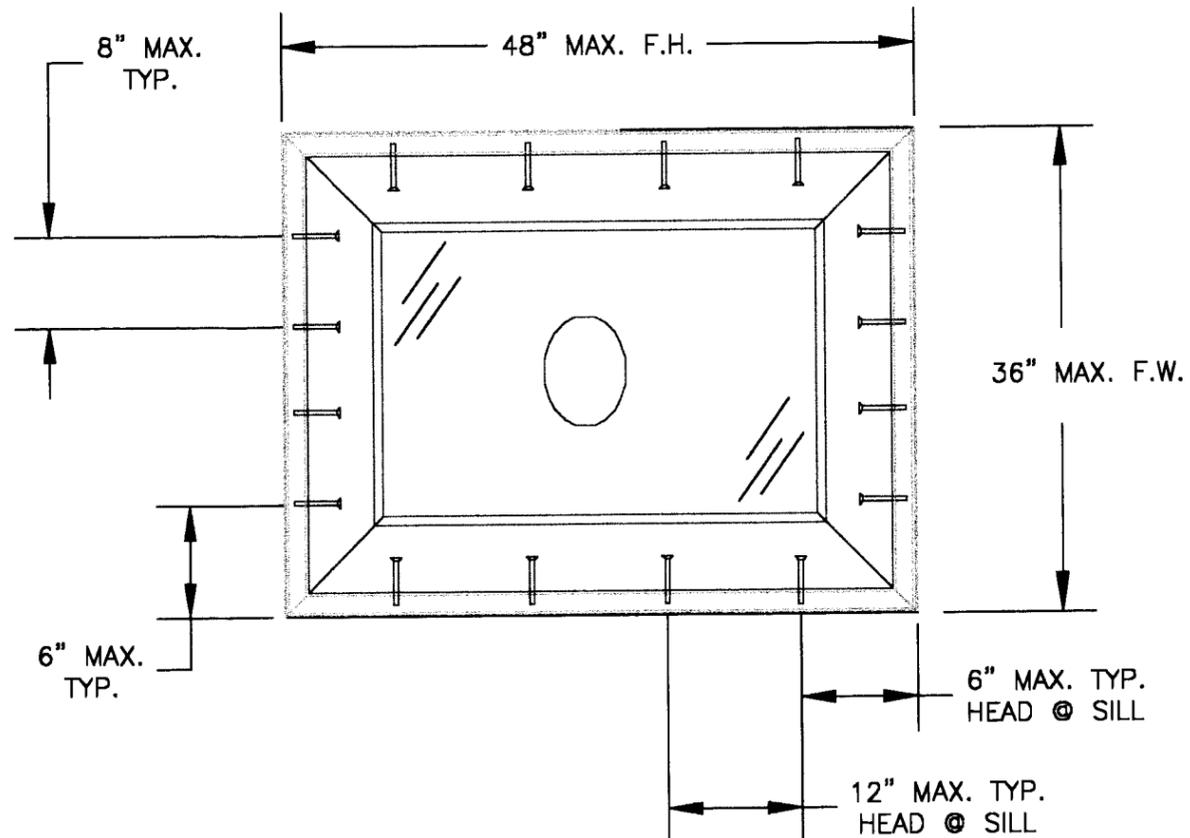


2 HORIZONTAL CROSS SECTION
 3 FIXED AWNING

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE: March 17, 2000
 BY: Manuel Serrano
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-0913.03



VENTED AWNING



FIXED AWNING

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".

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

PRODUCT: VENTED & FIXED ALUMINUM CLAD CASEMENT AWNING
 PART OR ASSEMBLY: ANCHORING

NO.	DATE	GENERAL	T.H.	BY
1	2/9/00			

RW
 CONSULTING
 (813) 684-3831

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE *March 17, 2000*
 BY *Manuel...*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. *99-0913.03*

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