



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

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

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

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

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Eagle Window & Door, Inc.
2045 Kerper Boulevard
Dubuque ,IA 52004-1072

Your application for Notice of Acceptance (NOA) of:

Series "93-CAUX" Aluminum Clad Wood Fixed 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 NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time 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 by 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.: 01-0216.01
EXPIRES: 01/14/2003

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 Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 04/19/2001

Eagle Window & Door, Inc.

ACCEPTANCE No.: 01-0216.01

APPROVED : APR 19 2001

EXPIRES : January 14, 2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1** This **revises** the Notice of Acceptance No. **99-0913.02**, which was issued on January 14, 2000. It approves an aluminum clad wood fixed 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 **"93-CAUX" Aluminum Clad Wood Fixed Window – Impact Resistant**, and its components shall be constructed in strict compliance with the following documents: Drawing No **S99-73**, by RW Building Consultants, Inc. titled **"Series 93-CAUX Aluminum Clad Fixed Frame Window"** Sheets 1 through 5 of 5, dated 10/22/99, with revision No. 3 dated 03/29/01, 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1** This approval applies to single unit applications and side-by-side installations, as shown in approved drawings.

4. INSTALLATION

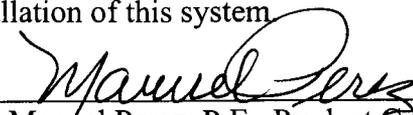
- 4.1** The aluminum clad wood fixed window and its components shall be installed in strict compliance with the approved drawings.
- 4.2** Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

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.: 01-0216.01

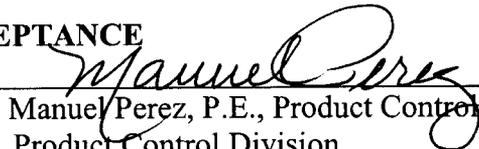
APPROVED : APR 19 2001

EXPIRES : January 14, 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 Window & Door, Inc.

ACCEPTANCE No.: 01-0216.01

APPROVED : APR 19 2001

EXPIRES : January 14, 2003

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA.)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **S99-73**, by RW Building Consultants, Inc. titled "Series 93-CAUX Aluminum Clad Fixed Frame Window" Sheets 1 through 5 of 5, dated 10/22/99, with revision No. 3 dated 03/29/01.

B. TESTS

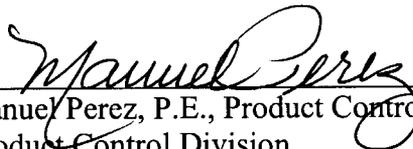
1. Test reports on 1) Air Infiltration Test, per SFBC, 202-94
2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94
3) Water Resistance Test, per SFBC, PA 202-94
4) Large Missile Impact Test per SFBC, PA 201-94)
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of single rectangular and three-window mullied units, aluminum clad wood fixed windows, prepared by Certified Testing Laboratories, Test Report No. **CTLA-626W**, dated December 9, 2000, signed and sealed by Ramesh C. Patel, P.E.
1. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Large Missile Impact Test per SFBC, PA 201-94)
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of a rectangular and arched top/rectangular, aluminum clad wood fixed window, prepared by Certified Testing Laboratories, Test Report No. **CTLA-437W2**, dated September 3, 1999, signed and sealed by Ramesh C. Patel, P.E. (**Submitted under previous approval**)

C. CALCULATIONS

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

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **99-0908.01**, issued to Cardinal DPG for their Cardinal "Sea-Storm Type B" Glass Laminate, approved on 12/30/99 and expiring on 12/30/02.


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

Eagle Window & Door, Inc.

ACCEPTANCE No.: 01-0216.01

APPROVED : APR 19 2001

EXPIRES : January 14, 2003

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

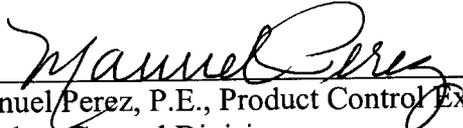
(For File ONLY. Not part of NOA.)

E. STATEMENTS

1. Statement letter of conformance and no-financial interest, dated January 18, 2001, from Builder's Engineering Network, Inc. signed and sealed by Mark C. Fetherman, P.E.
2. Statement letter naming Rick Wright as their contact person for all matters pertaining to the revision of this file, dated August 30, 1999, from Eagle Window & Door, Inc. signed by Todd Bergstrom, Senior Design Technologist.

F. OTHER

1. This NOA revises NOA No. **99-0913.02** issued to **Eagle Window & Door, Inc.** for their **Series 93-CAUX Aluminum Clad Wood Fixed Window – Impact Resistant**, approved on 01/14/00 and expiring on 01/14/03.


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

EAGLE WINDOW & DOOR, INC.

SERIES 93-CAUX
ALUMINUM CLAD FIXED FRAME WINDOWS

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 8'0 X 5'0 FIXED FRAME WINDOWS SEE TABLE 1.
6. ALL DIMENSIONS ARE GIVEN IN INCHES UNLESS OTHERWISE SHOWN.

PRODUCT DESCRIPTION

FRAME CONSTRUCTION:

1. SELECT SOFT WOOD, FINGER JOINTED WITH CLEAR PINE VENEER. EXTERIOR SURFACE CLAD WITH EXTRUDED ALUMINUM.

GLAZING:

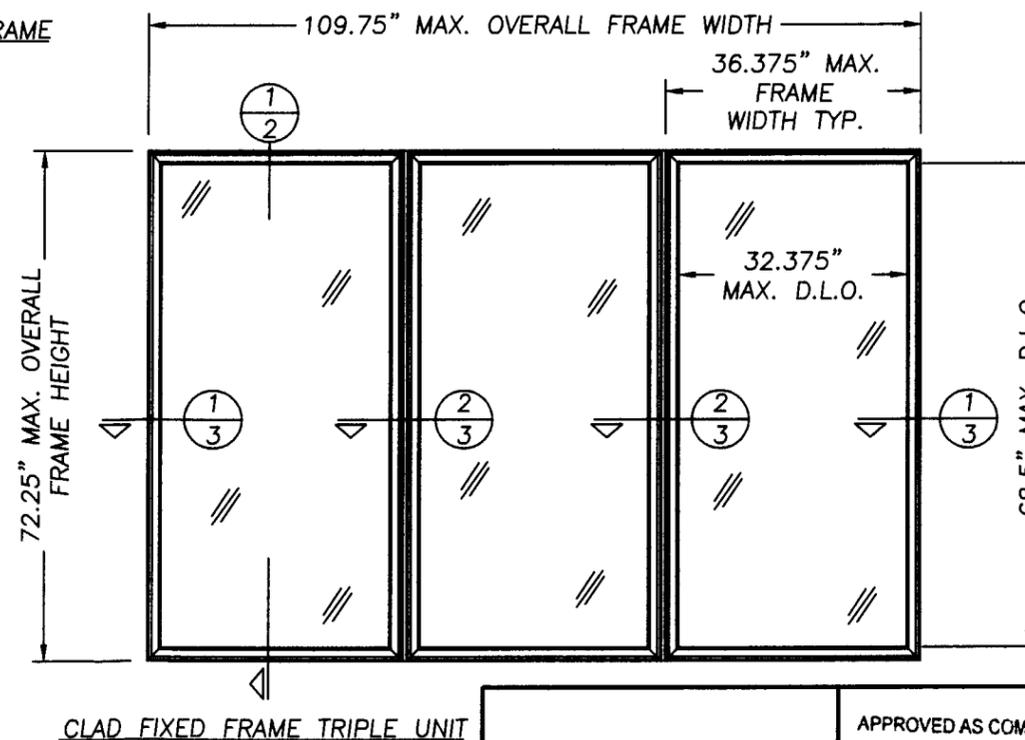
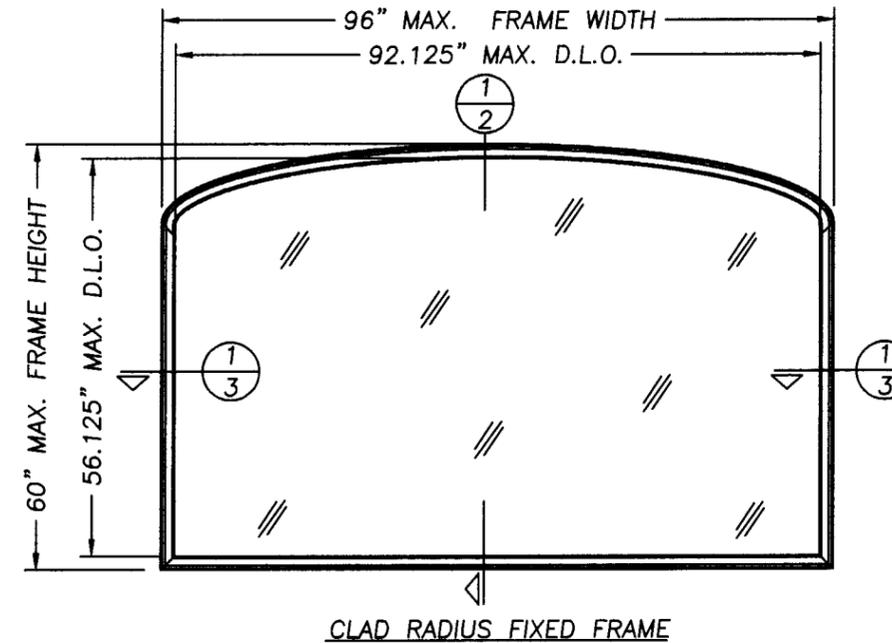
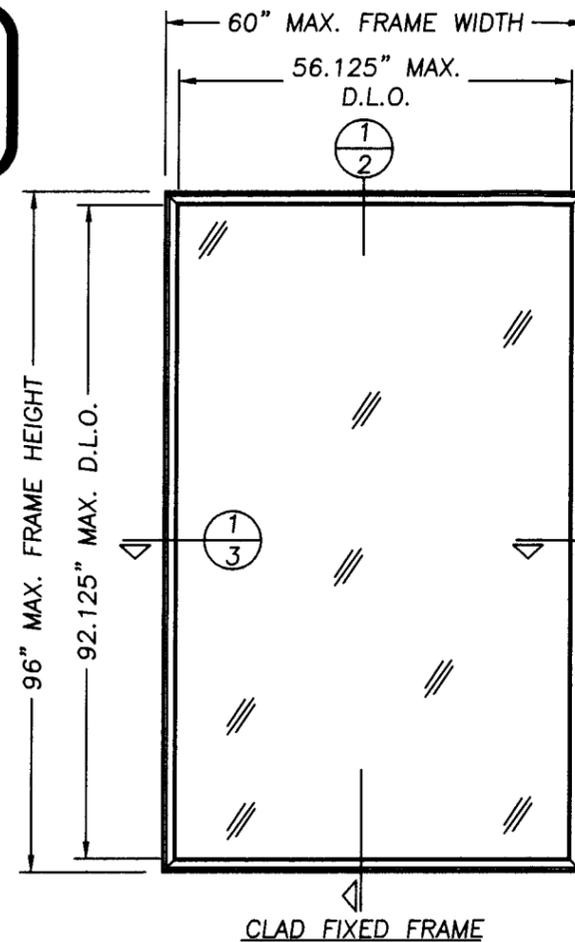
1. LAMINATED GLASS DIRECT SET FROM THE INTERIOR INTO A SILICONE BEDDING AND THE INTERIOR PERIMETER IS TRIMMED WITH A WOOD GLAZING STOP.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	GENERAL NOTES & ELEVATIONS
2	VERTICAL CROSS SEC. & B. O. M.
3	HORIZONTAL CROSS SEC.
4	ANCHORING
5	FRAME COMPONENTS

TABLE 1

PRODUCT	DAYLIGHT OPENING	DESIGN PRESSURE RATING (PSF)	GLASS TYPE AND THICKNESS
RECTANGULAR OR RADIUS FIXED FRAME WINDOW	UP TO MAX. 36.0 SQ. FT.	+60 -65	0.472" LAMINATED HEAT STRENGTHENED
36.375" x 72.25" TRIPLE	UP TO MAX. 15.5 SQ. FT. PER SINGLE UNIT OF TRIPLE UNIT	+65 -65	0.569" ANNEALED GLASS



EAGLE WINDOW & DOOR, INC.
375 EAST 9th St.
DUBUQUE, IA 52004-1072
PH. 319.556.4408

PRODUCT: SERIES 93-CAUX ALUMINUM CLAD FIXED FRAME WINDOW
PART OR ASSEMBLY: GENERAL NOTES & ELEVATIONS

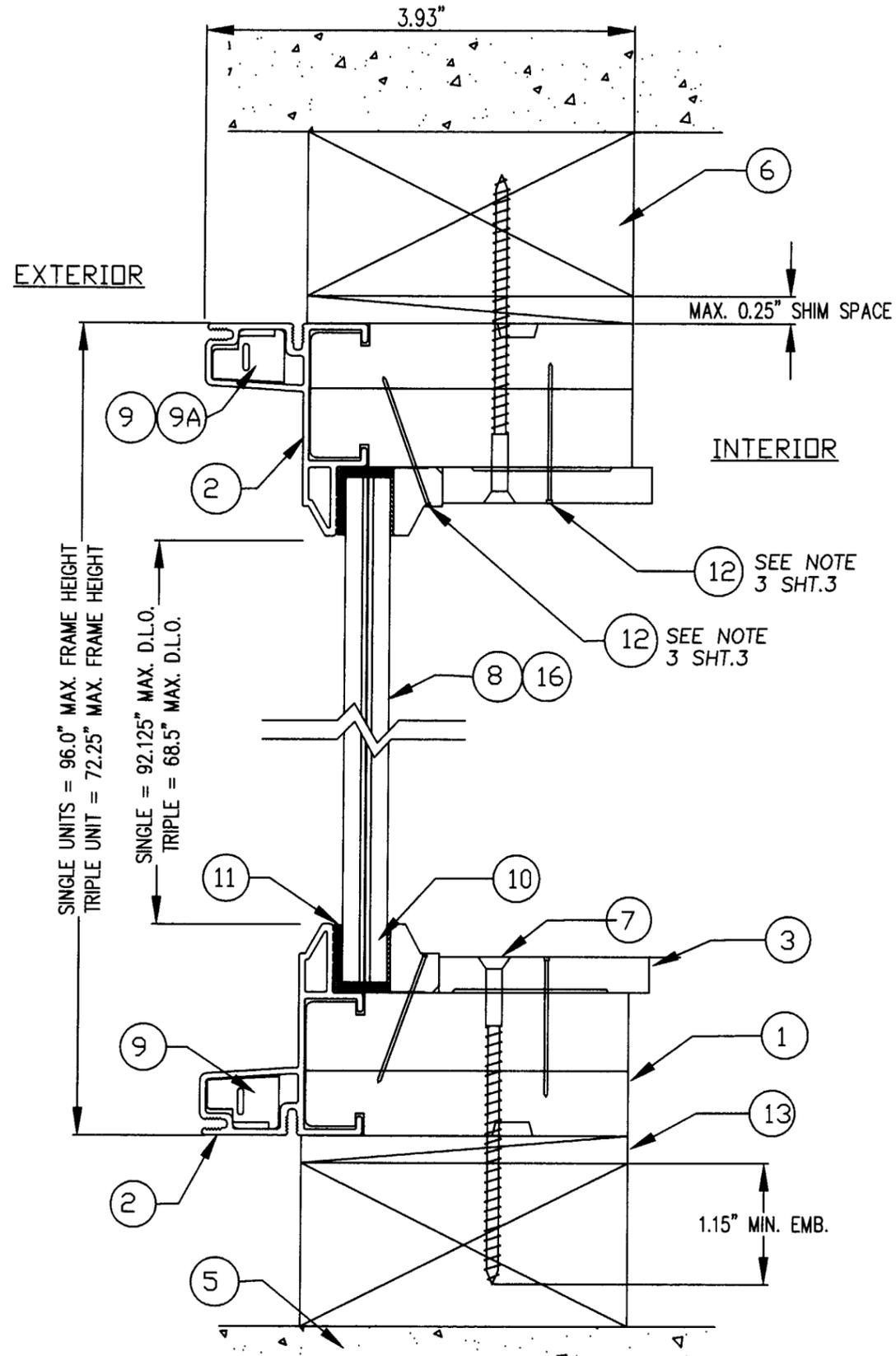
NO.	DATE	BY	REVISIONS
3	03/29/01	TJH	GENERAL REVISION
2	11/15/00	TJH	ADDED TRIPLE UNIT & SHIT 5
1	12/21/99	RW	GENERAL

RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 10/22/99
SCALE: N.T.S.
DWG. BY: T.H.
CHK. BY: R.W.B.C.
DRAWING NO.: S99-73
SHEET 1 OF 5

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE APR 19 2001
BY: *Wanner*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0216.01

BILL OF MATERIALS



ITEM	DESCRIPTION	MATERIAL
1	AUXILIARY FRAME 2.97" X 1.3"	LVL WOOD
2	FRAME COVER 1.5" X 1.93" X 0.055" TYP. WALL THICKNESS	EXT. ALUMINUM 6063 T6
3	AUXILIARY STOP .328" X VARIES	WOOD
4	GLAZING STOP 0.75" 0.45"	WOOD
5	MASONRY	-
6	2 X WOOD BUCK	DESIGN BY OTHERS
7	#8 X 3" PFH WS	-
8	0.472" LAMINATED H. S. GLASS (3/16" H.S. Glass - 0.097 Dupont PVB & PET - 3/16" H.S. Glass)	MFG. BY CARDINAL
9	CORNER KEY	VINYL
9A	ADJUSTABLE CORNER KEY	VINYL
10	FOAM TAPE	
11	SILICONE GLAZING COMPOUND	DOW 995
12	18 ga. x 1.25" BRAD	STEEL
13	1/4" Shim (max.)	
14	18 ga. x 1.25" BRAD	STEEL
15	LVL MULLION SPACER .75" x 3"	LVL
16	.569" thk. LAMINATED ANNEALED GLASS (1/4" Annealed Glass - 0.097 Dupont PVB & PET - 1/4" Annealed Glass)	MFG. BY CARDINAL
17	#8 X 2" PFH WOOD SCREW	STEEL
18	CORRUGATED FASTENER 1 3/4" x 3/4"	STEEL

NOTE:

SINGLE FRAME HEIGHT CANNOT EXCEED 60.0"
WHEN SINGLE FRAME WIDTH EXCEEDS 60.0".

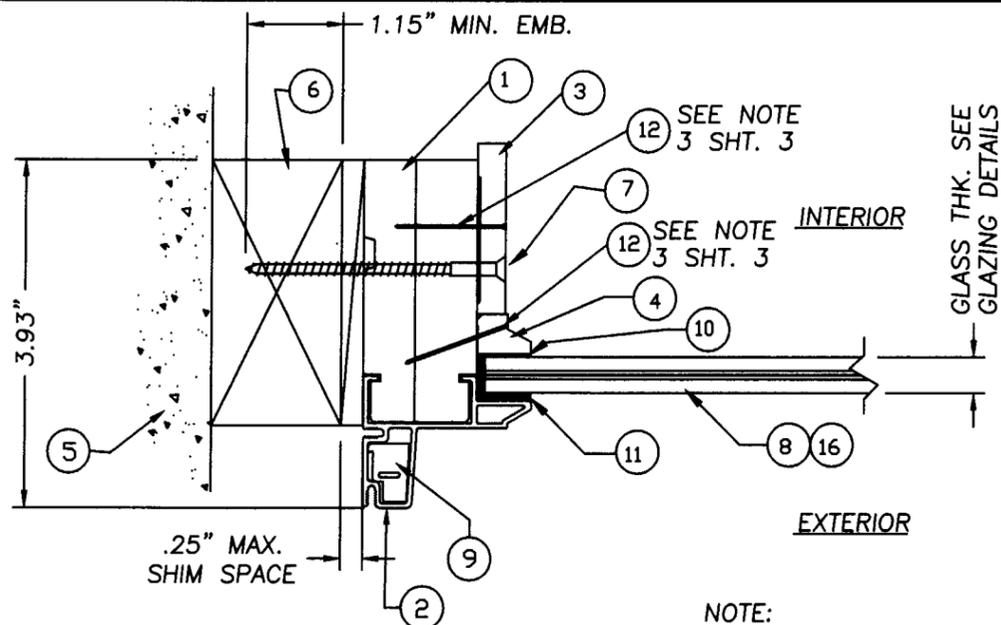
1 VERTICAL CROSS SECTION
2 FIXED FRAME

EAGLE WINDOW & DOOR, INC.
375 EAST 9th St.
DUBUQUE, IA 52004-1072
PH. 319.556.4408

PRODUCT:		SERIES 93-CAUX ALUMINUM CLAD FIXED FRAME WINDOW	
PART OR ASSEMBLY:		PART OR ASSEMBLY:	
VERTICAL CROSS SECTION		VERTICAL CROSS SECTION	
		TJH	BY
		TJH	RW
		NO.	DATE
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2	11/15/00	ADDED TRIPLE UNIT & SHT 5	
1	12/21/99	GENERAL	

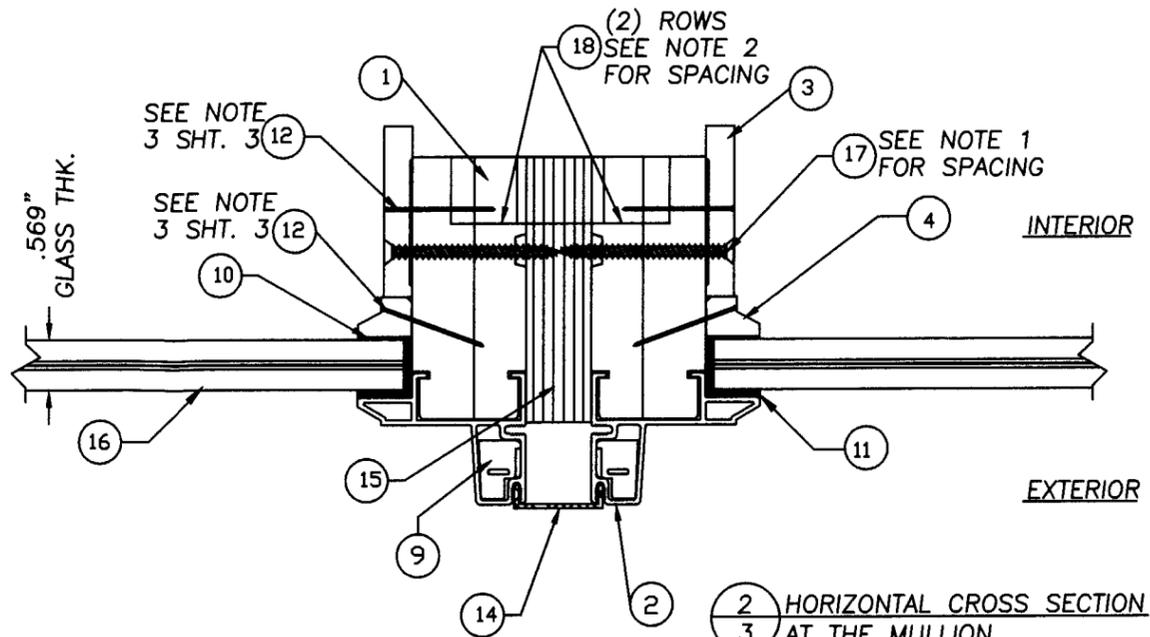
RW BUILDING
CONSULTANTS, INC.
813.684.3831

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE APR 19 2001 BY <i>Mannul Fry</i> PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 01-0216.01	DATE: 10/22/99 SCALE: 1/2" = 1" DWG. BY: T.H. CHK. BY: R.W.B.C. DRAWING NO.: S99-73 SHEET 2 OF 5
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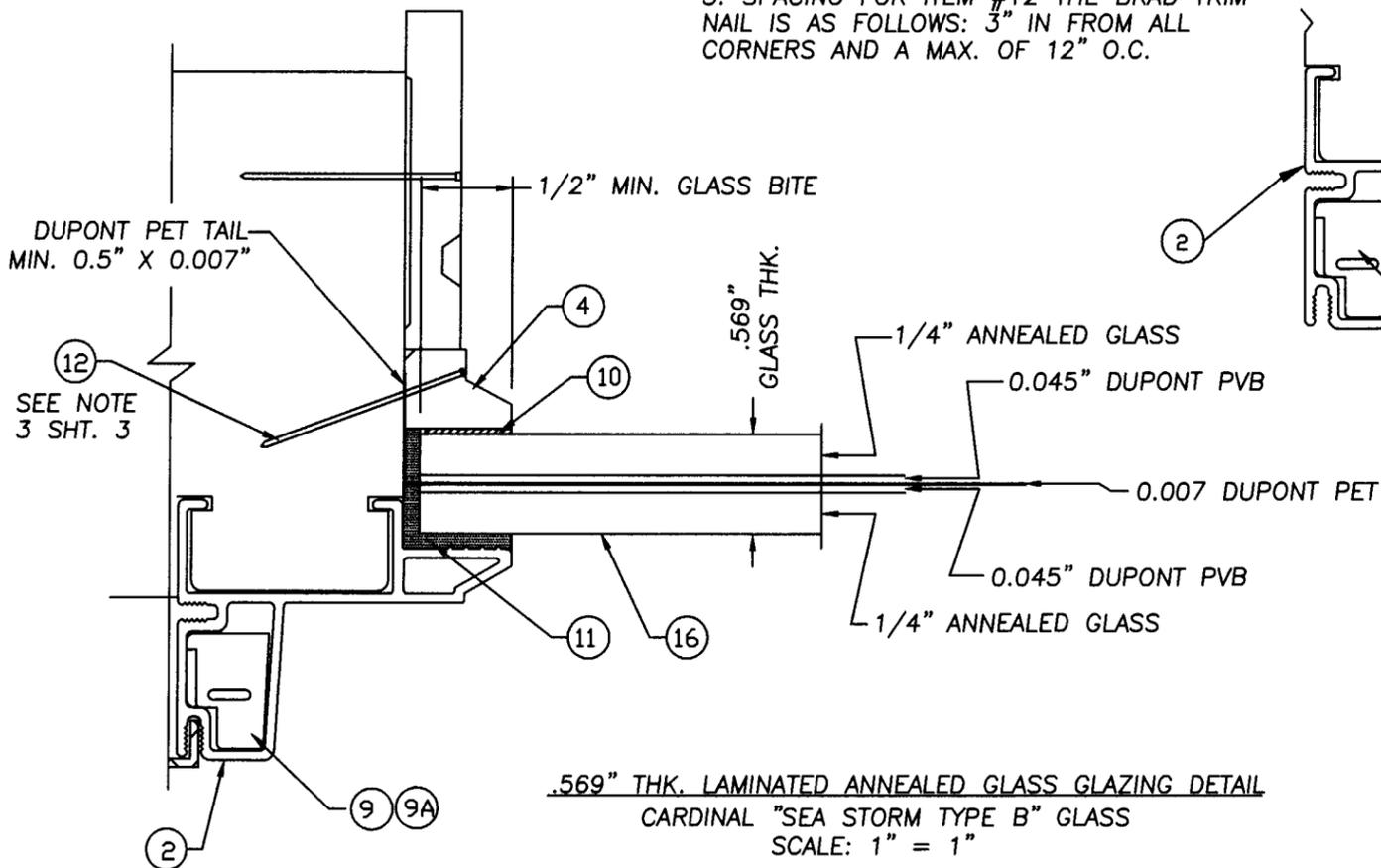


1 HORIZONTAL CROSS SECTION
3 FIXED FRAME TO BUCK
SCALE: 1/2" = 1"

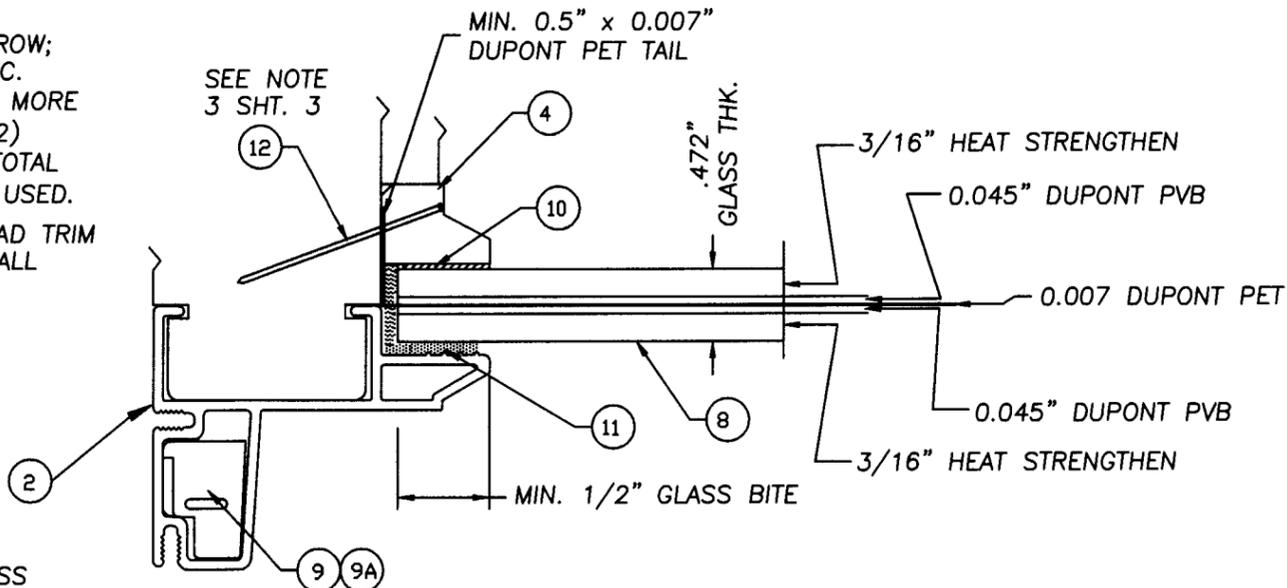
NOTE:
1. SPACING FOR ITEM #17 IS AS FOLLOWS FROM BOTTOM UP: 6" & (3) MORE AT 20" O.C.
2. SPACING FOR ITEM #18 IS AS FOLLOWS FROM TOP DOWN: FIRST ROW; 3" DOWN & (15) MORE AT 4.5" O.C. SECOND ROW; 2.75" DOWN & (15) MORE AT 4.5" O.C. EACH MULLION HAS (2) ROWS ON THE INTERIOR SIDES. A TOTAL (32) CORRUGATED FASTENERS ARE USED.
3. SPACING FOR ITEM #12 THE BRAD TRIM NAIL IS AS FOLLOWS: 3" IN FROM ALL CORNERS AND A MAX. OF 12" O.C.



2 HORIZONTAL CROSS SECTION
3 AT THE MULLION
SCALE: 1/2" = 1"



.569" THK. LAMINATED ANNEALED GLASS GLAZING DETAIL
CARDINAL "SEA STORM TYPE B" GLASS
SCALE: 1" = 1"



.472" THK. LAMINATED H.S. GLASS GLAZING DETAIL
CARDINAL "SEA STORM TYPE B" GLASS
SCALE: 1" = 1"

EAGLE WINDOW & DOOR, INC.
375 EAST 9th St.
DUBUQUE, IA 52004-1072
PH. 319.556.4408

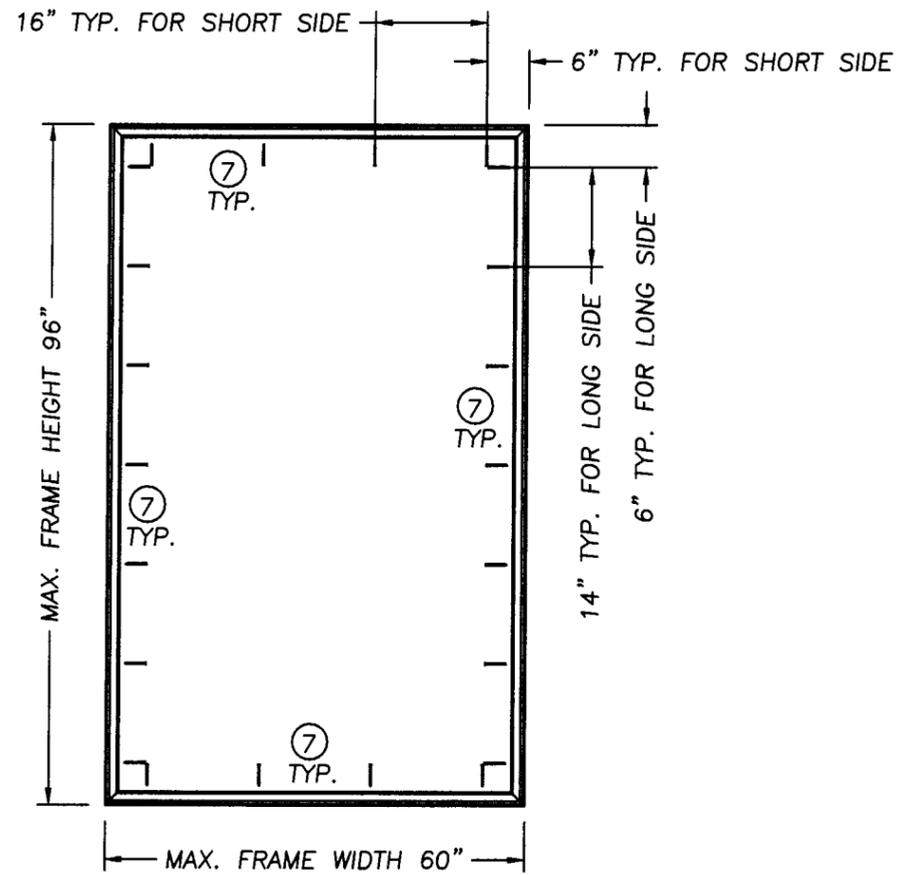
PRODUCT: SERIES 93-CAUX ALUMINUM CLAD FIXED FRAME WINDOW
PART OR ASSEMBLY: HORIZONTAL CROSS SECTION & GLAZING DETAIL

NO.	DATE	BY	REVISIONS
3	03/29/01	TJH	GENERAL REVISION
2	11/15/00	TJH	ADDED TRIPLE UNIT & SHT 5
1	12/21/99	RW	GENERAL

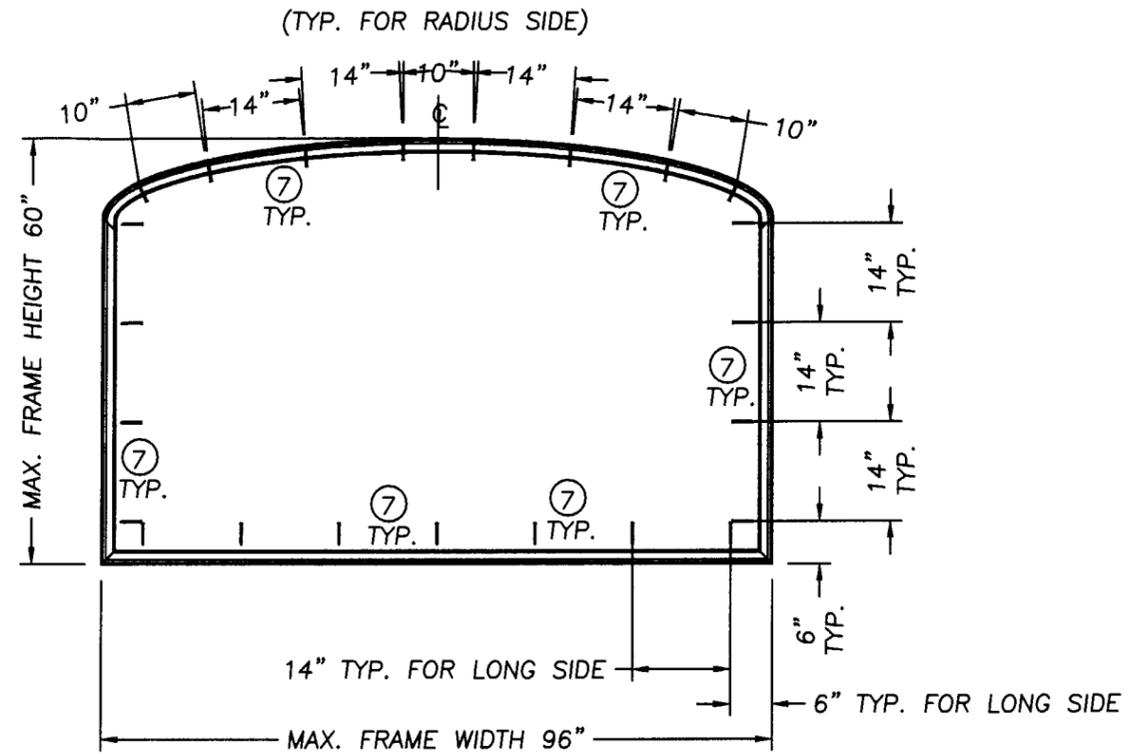
RW BUILDING CONSULTANTS, INC.
813.684.3831

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE: APR 19 2001
BY: *Manuel*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0216.01

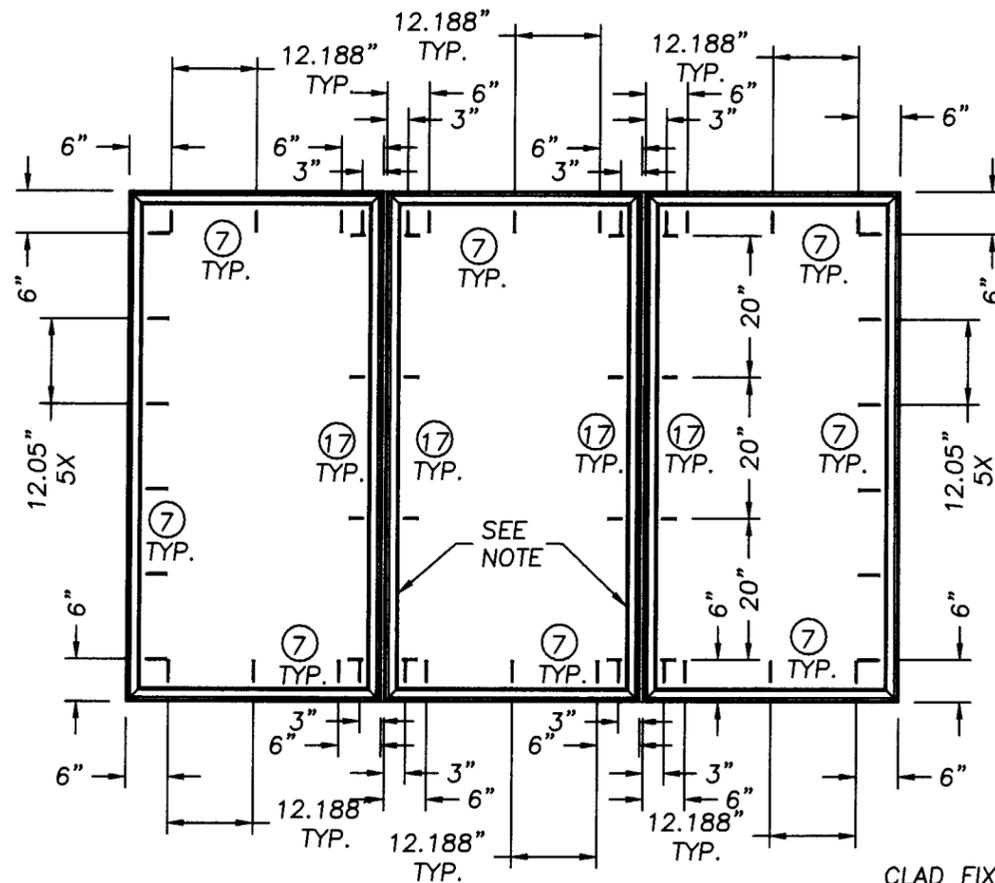
DATE: 10/22/99
SCALE: AS NOTED
DWG. BY: T.H.
CHK. BY: R.W.B.C.
DRAWING NO.: S99-73
SHEET 3 OF 5



CLAD FIXED FRAME

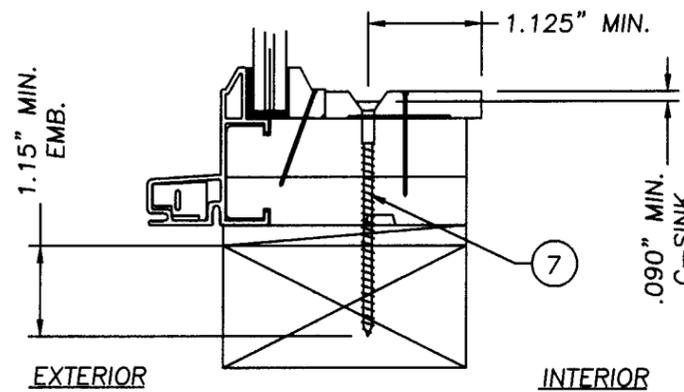


CLAD RADIUS FIXED FRAME



CLAD FIXED FRAME TRIPLE UNIT

NOTE:
CORRUGATED FASTENERS
SEE SECTION 2/3 &
NOTE 2 SHT. 3 FOR
SPACING & QUANTITY



EAGLE WINDOW & DOOR, INC.
375 EAST 9th St.
DUBUQUE, IA 52004-1072
PH. 319.556.4408

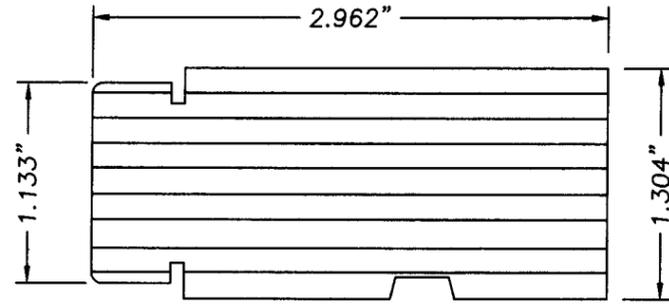
PRODUCT:
SERIES 93-CAUX
ALUMINUM CLAD
FIXED FRAME WINDOW
PART OR ASSEMBLY:
ANCHORING LOCATIONS

NO.	DATE	BY	REVISIONS
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2	11/15/00	TJH	ADDED TRIPLE UNIT & SHT 5
1	12/21/99	RW	GENERAL

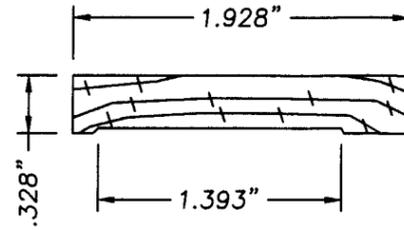
RW BUILDING
CONSULTANTS, INC.
813.684.3831

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE APR 19 2001
BY Maxwell
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0216.01

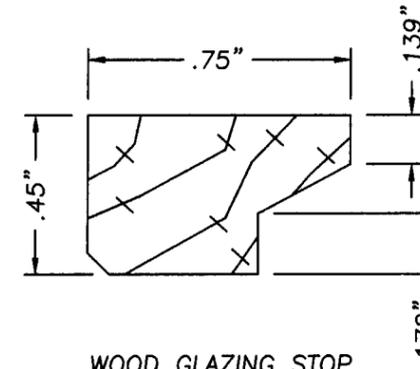
DATE: 10/22/99
SCALE: N.T.S.
DWG. BY: T.H.
CHK. BY: R.W.B.C.
DRAWING NO.: S99-73
SHEET 4 OF 5



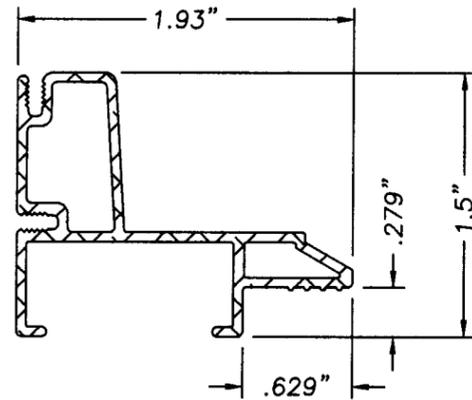
AUXILIARY FRAME
LVL
SCALE: 1" = 1"



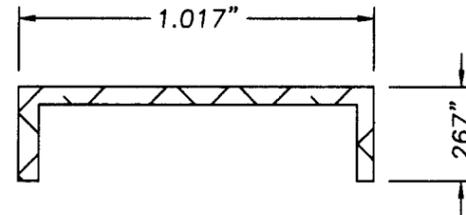
AUXILIARY STOP
WOOD
SCALE: 1" = 1"



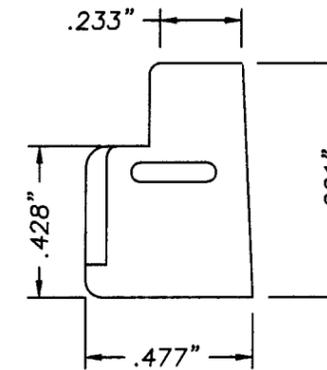
WOOD GLAZING STOP
SCALE 2" = 1"



FRAME COVER
.055" EXTRUDED ALUMINUM
SCALE: 1" = 1"



MULLION COVER
.055" EXTRUDED ALUMINUM
SCALE 2" = 1"



CORNER KEY/ADJUSTABLE CORNER KEY
EXTRUDED VINYL
SCALE 2" = 1"

EAGLE WINDOW & DOOR, INC.
375 EAST 9th St.
DUBUQUE, IA 52004-1072
PH. 319.556.4408

PRODUCT: SERIES 93-CAUX
ALUMINUM CLAD
FIXED FRAME WINDOW
PART OR ASSEMBLY:
FRAME COMPONENTS

NO.	DATE	REVISIONS	BY
3	03/29/01	GENERAL REVISION	TJH
2	11/15/00	ADDED TRIPLE UNIT & SHIT 5	TJH
1	12/21/99	GENERAL	RW

RW BUILDING
CONSULTANTS, INC.
813.684.3831

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: **APR 19 2001**
BY: *M. Murrell*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0216.01

DATE: 10/22/99
SCALE: AS NOTED
DWG. BY: T.H.
CHK. BY: R.W.B.C.
DRAWING NO.:
S99-73
SHEET 5 OF 5