



**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Poma Corporation**  
**9040 Belvedere Road**  
**West Palm Beach ,FL 33411**

**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

Your application for Notice of Acceptance (NOA) of:

**Extruded Aluminum Hinged Bi-Fold Colonial Shutter**

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.: 00-1114.01**  
**EXPIRES: 12/16/2005**

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: 01/18/2001**

**Poma Corporation**

**ACCEPTANCE No. : 00-1114.01**

**APPROVED : 01/18/2001**

**EXPIRES : 12/16/2005**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

This renews the Notice of Acceptance No. 98-0512.01, which was issued on August 20, 1998. It approves an Extruded Aluminum Hinged Bi-Fold Colonial Shutter, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 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**

This Extruded Aluminum Hinged Bi-Fold Colonial Shutter and its components shall be constructed in strict compliance with the following documents: Drawing No. 98-004, titled "Colonial Shutter", prepared by Knezevich & Associates, Inc., dated May 08, 1998, last revision #2 dated July 27, 1998, sheets 1 through 4 of 4, bearing the Miami-Dade County Product Control Approval and Renewal stamps with the Notice of Acceptance numbers and approval dates by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

All permanent set components, included but not limited to embedded anchor bolts, threaded cones, metal shields, must be protected against corrosion, contamination and damage at all times.

**4. INSTALLATION**

This Extruded Aluminum Hinged Bi-Fold Colonial Shutter and its components shall be installed in strict compliance with the approved drawings.

**5. LABELING**

Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved".

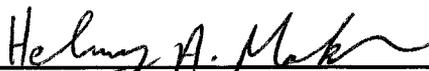
**6. BUILDING PERMIT REQUIREMENTS**

**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.

  
\_\_\_\_\_  
Helmy A. Makar, P.E.- Product Control Examiner  
Product Control Division

**Poma Corporation**

**ACCEPTANCE No. : 00-1114.01**

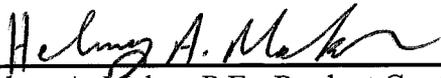
**APPROVED : 01/18/2001**

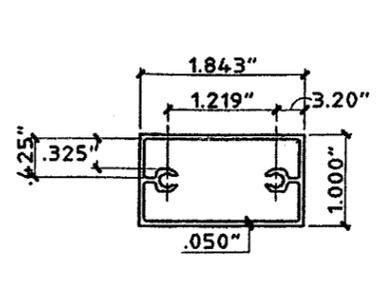
**EXPIRES : 12/16/2005**

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

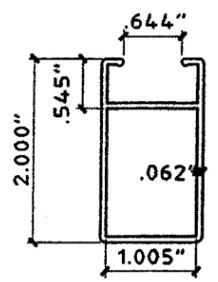
1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the 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 purposes.
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**

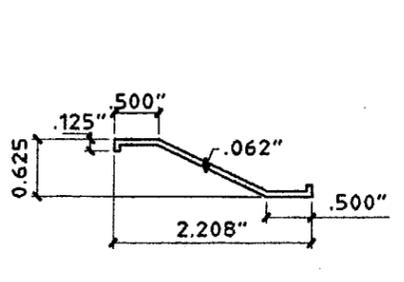
  
\_\_\_\_\_  
Helmy A. Makar, P.E.- Product Control Examiner  
Product Control Division



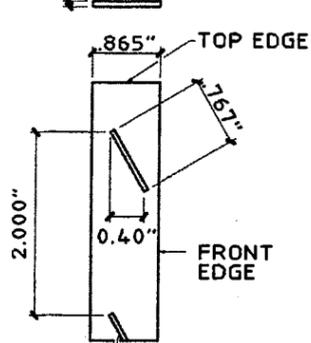
**1 TOP & BOTTOM RAIL**  
HALF SCALE



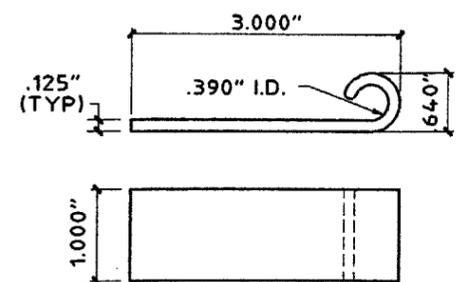
**2 SIDE RAIL**  
HALF SCALE



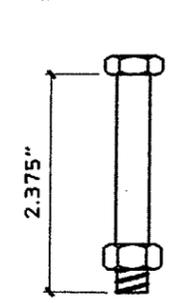
**3 LOUVER BLADE**  
HALF SCALE



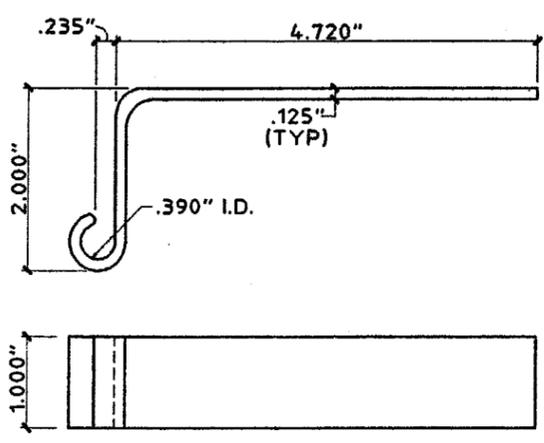
**4 LOUVER PLATE**  
HALF SCALE



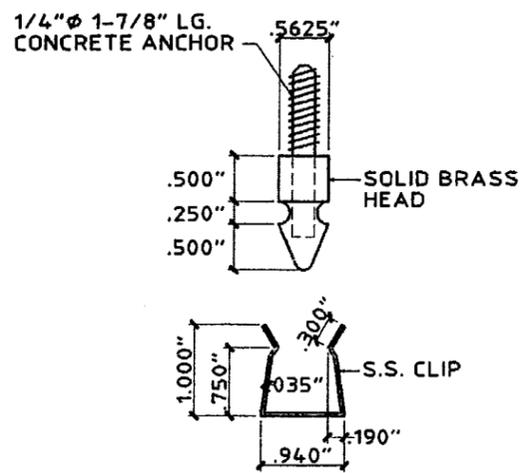
**5 "A" HINGE**  
HALF SCALE



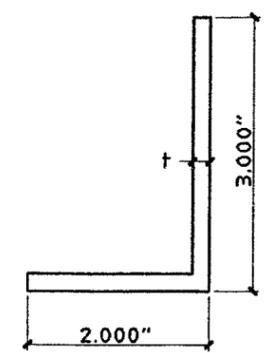
**6 HINGE PIN**  
HALF SCALE  
300 SERIES  
STAINLESS STEEL  
3/8" Ø HEX HEAD  
BOLT W/ NUT



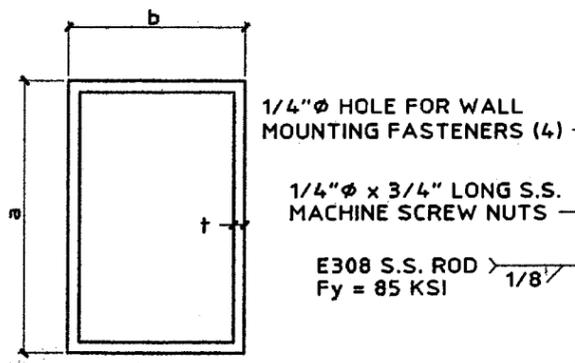
**7 "C" HINGE**  
HALF SCALE



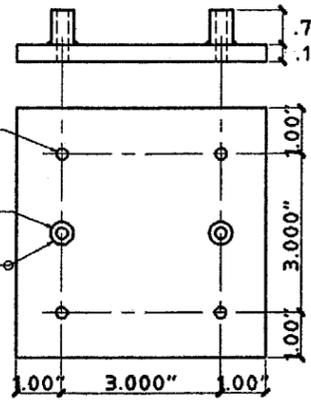
**8 BRASS CLIP-ON**  
HALF SCALE



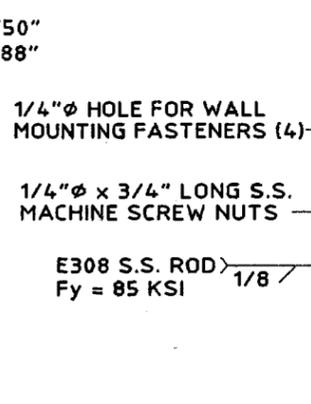
**9 LOCKING BAR**  
REFERENCE LOCKING BAR  
SCHEDULE ON SHEET 3 OF 4  
FOR ANGLE THICKNESS  
AND PROPER USE  
HALF SCALE



**10 LOCKING BAR**  
REFERENCE LOCKING BAR  
SCHEDULE ON SHEET 3  
OF 4 FOR THICKNESS  
AND PROPER USE  
HALF SCALE



**BRACKET A**



**BRACKET B**

**11 MOUNTING BRACKET**  
304 STAINLESS STEEL  
SCALE: 3" = 1'-0"

**NOTES:**

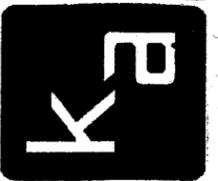
- THIS HINGED COLONIAL SHUTTER SYSTEM IS DESIGNED IN ACCORDANCE WITH THE SOUTH FLORIDA BUILDING CODE, 1994 EDITION.
- POSITIVE AND NEGATIVE DESIGN WIND LOAD CALCULATIONS FOR THE SPECIFIC SHUTTER APPLICATION SHALL BE PERFORMED IN ACCORDANCE WITH ASCE 7-88 OR 7-93 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURE" TO VERIFY THE WIND LOADS ARE LESS THAN OR EQUAL TO THE DESIGN WIND LOAD RATINGS OF THIS SHUTTER.
- EACH SHUTTER ASSEMBLY SHALL BE PERMANENTLY LABELED AS FOLLOWS:  
  
**POMA CORPORATION  
WEST PALM BEACH, FLORIDA  
DADE COUNTY PRODUCT CONTROL APPROVED**
- EXTRUSIONS SHOWN SHALL BE 6063-T6 ALUMINUM ALLOY, U.O.N.
- ALL BOLTS AND WASHERS SHALL BE 300 SERIES STAINLESS STEEL. ALL POP RIVETS SHALL BE 3/16" DIAMETER 300 SERIES STAINLESS STEEL.
- THE DETAILS AND SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCT TESTED FOR IMPACT, CYCLIC AND UNIFORM STATIC AIR PRESSURE IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA 201, 202, AND 203 WITH DESIGN WIND LOADS AS FOLLOWS:  
  
**POSITIVE DESIGN LOAD: 48 PSF  
NEGATIVE DESIGN LOAD: 80 PSF**

DESIGN IS BASED ON HURRICANE TEST LABORATORY, INC., REPORT TRACKING NO. 0031-0316-95 AND CONSTRUCTION TESTING CORPORATION REPORT #97-056.

7. THIS SHUTTER SHALL BE PROVIDED WITH A PERMANENT LABEL INSTRUCTING THE OWNER OR TENANT TO CLOSE THE SHUTTER AND INSTALL STORM BARS TO ALL SIDE RAILS AND THE WALL PER MANUFACTURER'S INSTRUCTIONS DURING PERIODS OF TIME AS ARE DESIGNATED BY THE US WEATHER BUREAU AS BEING A HURRICANE WARNING OR ALERT.

**PRODUCT RENEWED**  
ACCEPTANCE No. 00-1114.01  
EXPIRATION DATE 12/16/2005  
By Helmy A. Maki  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE 08/20/1998  
BY Helmy A. Maki  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE No. 98-0512.01



**KNEZEVICH & ASSOCIATES, INC.**  
CONSULTING ENGINEERS • PRODUCT TESTING  
641 MOKENA DRIVE • MIAMI SPRINGS, FLORIDA 33166  
MIAMI (305) 883-9571 FT. LAUDERDALE (954) 677-9500  
FAX: (305) 883-9572  
COPYRIGHT 1998 KNEZEVICH & ASSOCIATES, INC.

**COLONIAL SHUTTER**  
**poma** CORPORATION  
9040 Belvedere Road  
West Palm Beach, FL 33411  
(661) 790-6798

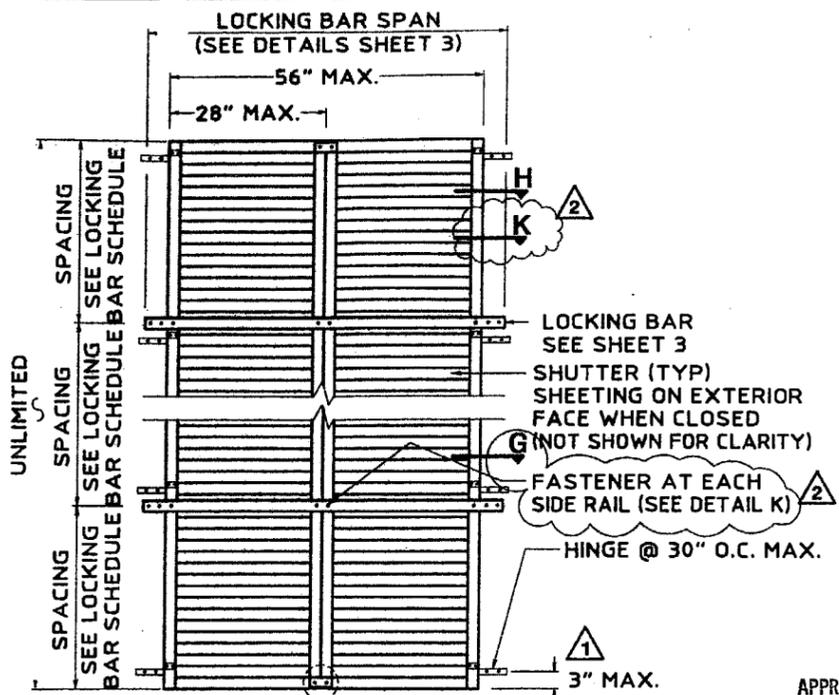
revisions	no.	date	by	description
1	05/08/98	JP	98-121 ALT. BLADE	MISC. COMMENTS
2	07/27/98			

**V.J. KNEZEVICH**  
PROFESSIONAL ENGINEER  
FL License No. PE 0010983

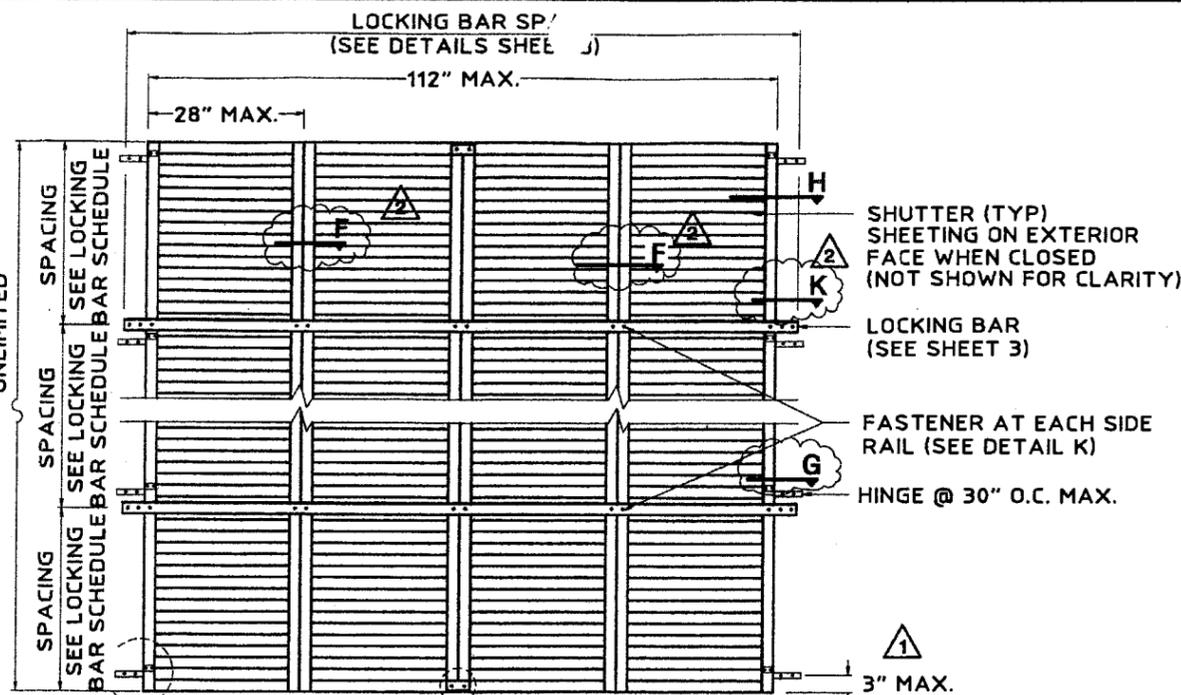
JUL 20 1998

date 05/08/98  
scale AS NOTED drawn by MC  
design by JWK checked by VJK

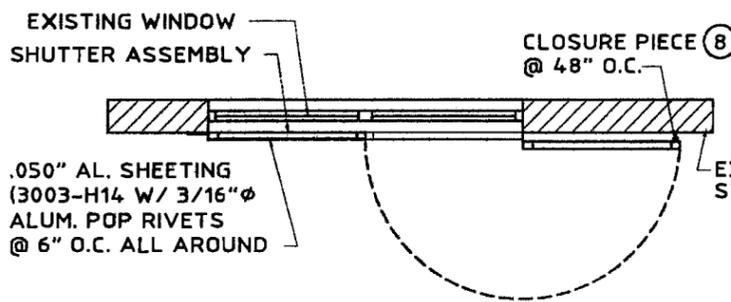
drawing no. **98-004**  
sheet 1 of 4



**A** TYPICAL ELEVATION (TWO PANEL UNIT)  
SCALE: 3/8" = 1'-0"



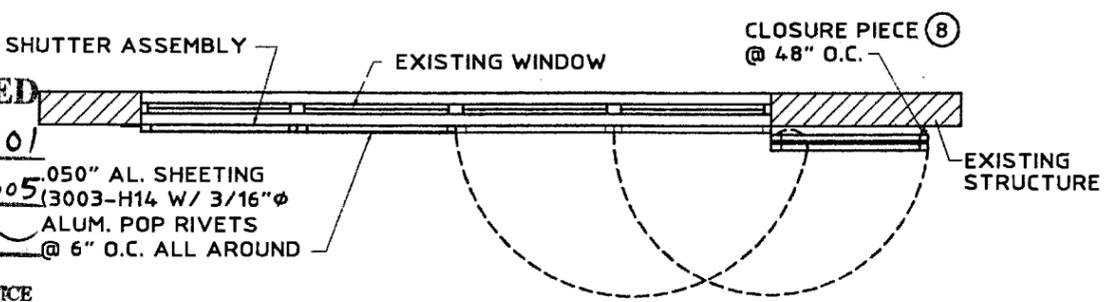
**B** TYPICAL ELEVATION (FOUR PANEL UNIT)  
SCALE: 3/8" = 1'-0"



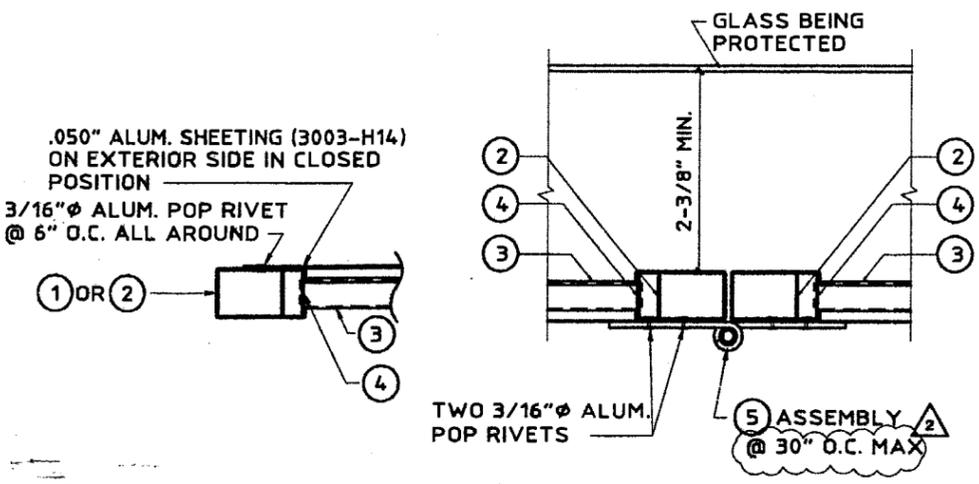
**C** TWO PANEL UNIT (PLAN VIEW)  
SCALE: 3/8" = 1'-0"

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE 08/20/1998  
BY Helmut A. Mahr  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-0512.01

**PRODUCT RENEWED**  
ACCEPTANCE No. 00-1114.01  
EXPIRATION DATE 12/16/2005  
By Helmut A. Mahr  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

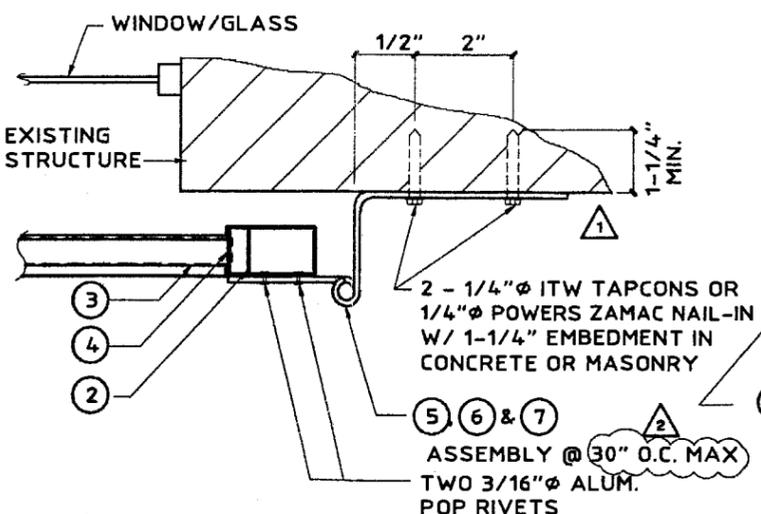


**D** FOUR PANEL UNIT (PLAN VIEW)  
SCALE: 3/8" = 1'-0"

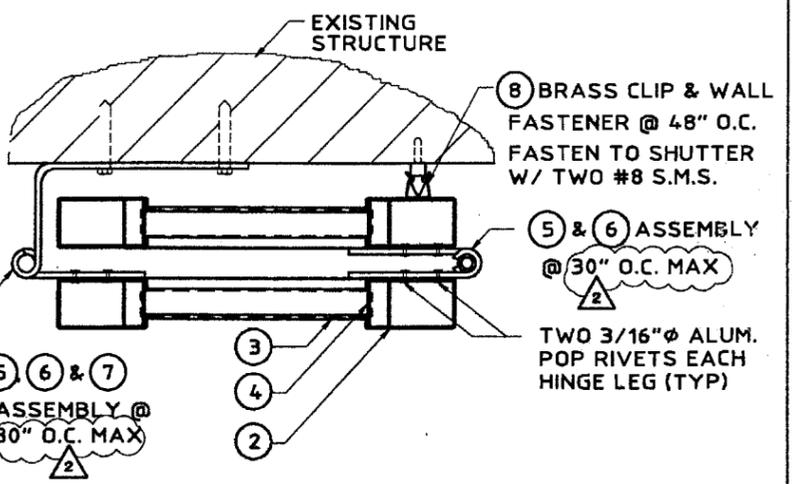


**E** SHEETING DETAIL  
SCALE: 3" = 1'-0"

**F** "A" HINGE ASSEMBLY DETAIL  
SCALE: 3" = 1'-0"



**G** "C" HINGE ASSEMBLY DETAIL  
SCALE: 3" = 1'-0"



**H** DOUBLE UNIT HINGE ASSEMBLY DETAIL  
SCALE: 3" = 1'-0"



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641 MOKENA DRIVE • MIAMI SPRINGS, FLORIDA 33166  
MIAMI (305) 883-9571 FT. LAUDERDALE (954) 677-9500  
FAX: (305) 883-9572  
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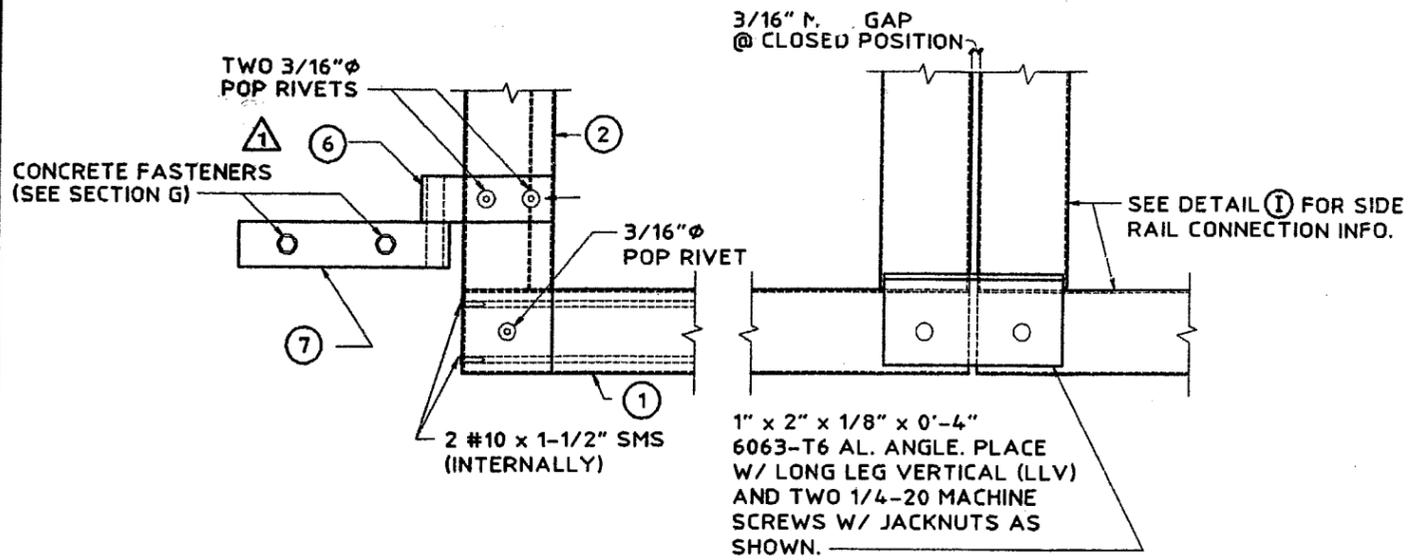
**COLONIAL SHUTTER**  
9040 Belvedere Road  
West Palm Beach, FL 33411  
**pipoma** CORPORATION  
(661) 790-5799

no.	date	description
1	05/08/98	96-121 ALT. BLADE
2	07/27/98	MISC. COMMENTS

**V.J. KNEZEVICH**  
PROFESSIONAL ENGINEER  
FL License No. PE 0010988

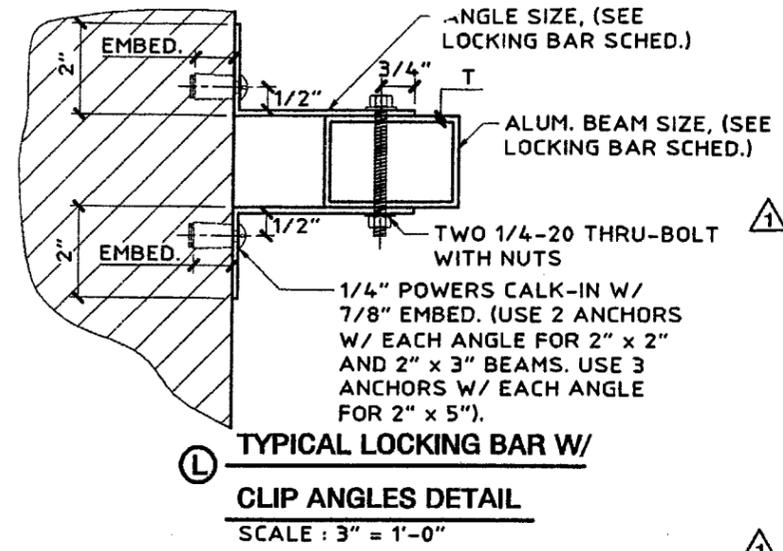
**JUL 28 1998**

date 05/08/98  
scale AS NOTED drawn by MC  
design by JWK checked by VJK  
drawing no. 98-004  
sheet 2 of 4



① **TYPICAL SIDE RAIL TO TOP & BOTTOM RAIL CONNECTION**  
SCALE : 3" = 1'-0"

② **CLOSURE ANGLE (TYPICAL TOP & BOTTOM AT CENTER JOINT)**  
SCALE : 3" = 1'-0"



LOCKING BAR SCHEDULE					
TYPE	MAX. SPACING	MAX. SPAN	COMMENTS	CONNECTION OPTIONS	
				BRACKET	DOUBLE ANGLES
2" x 3" x 1/4" AL. ANGLE (6061-T6)	32"	54"	3" LEG HORIZONTAL	BRACKET A	N / A
2" x 2" x 1/8" AL. TUBE (6061-T6)	32"	73"	-	BRACKET B	2" x 3" x 1/8" x 0'-5"
2" x 3" x 1/8" AL. TUBE (6061-T6)	32"	98"	3" SIDE HORIZONTAL	BRACKET B	2" x 4" x 1/8" x 0'-8"
2" x 5" x 1/8" AL. TUBE (6061-T6)	24"	132"	5" SIDE HORIZONTAL	BRACKET B	2" x 5" x 1/8" x 0'-8"

**PRODUCT RENEWED**

ACCEPTANCE No. 00-1114.01

EXPIRATION DATE 12/16/2005

By Helmut A. Mark

PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE

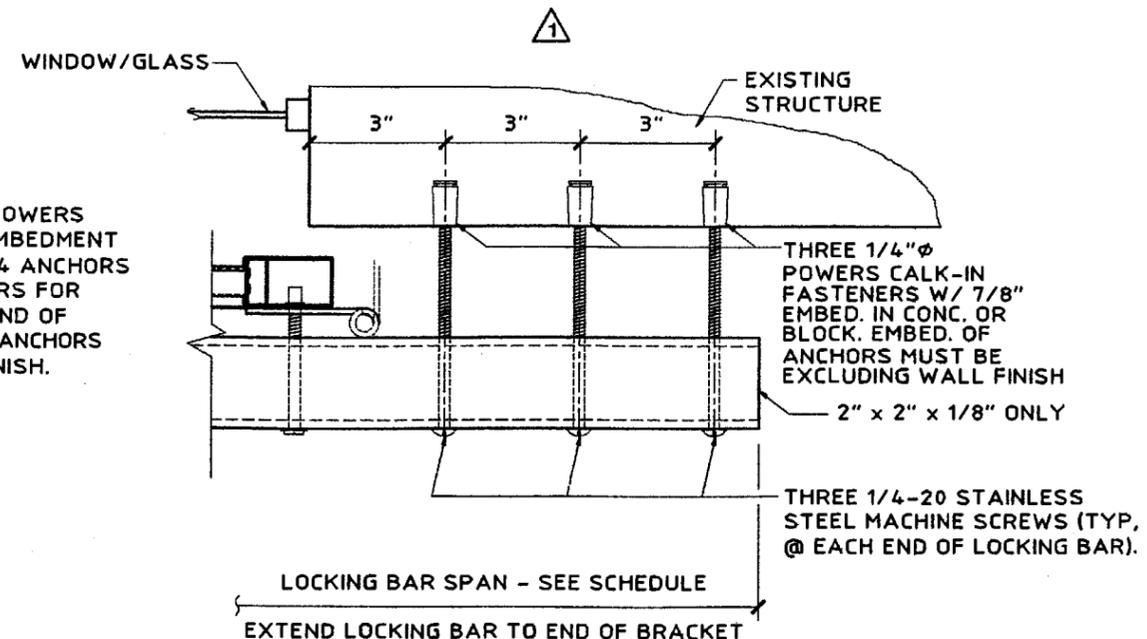
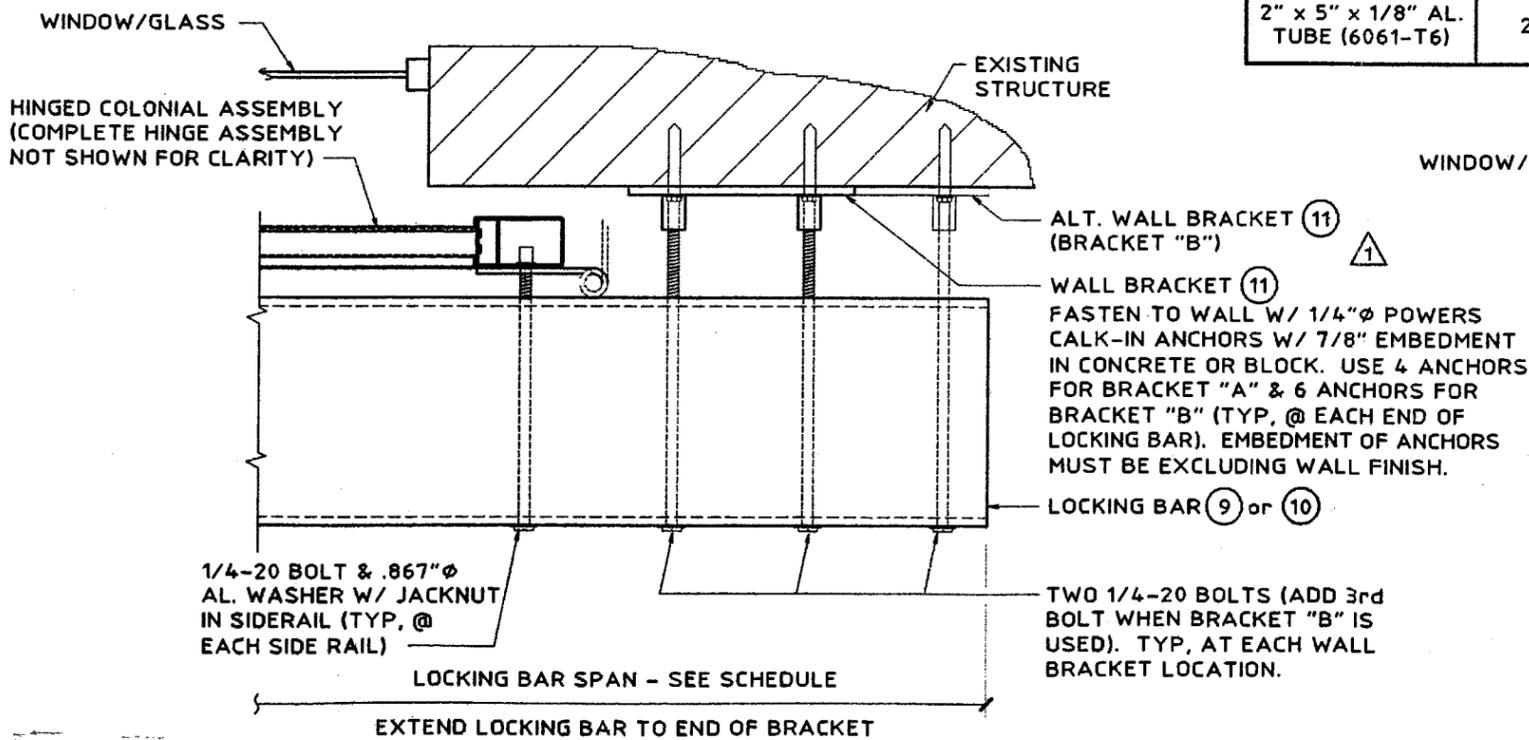
DATE 08/20/1998

By Helmut A. Mark

PRODUCT CONTROL DIVISION

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ACCEPTANCE No. 98-0512.01



**KNEZEVICH & ASSOCIATES, INC.**  
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641 MOKENA DRIVE • MIAMI SPRINGS, FLORIDA 33166  
MIAMI (305) 883-9571 FT. LAUDERDALE (954) 677-9500  
FAX: (305) 883-9572  
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**COLONIAL SHUTTER**  
9040 Belvedere Road  
West Palm Beach, FL 33411  
**pinpoint**  
CORPORATION  
(661) 700-6798

revisions	no	date	by	description
	1	05/08/98	JWK	98-121 ALT. BLADE
	2	07/27/98	JWK	MISC. COMMENTS

V.J. KNEZEVICH  
PROFESSIONAL ENGINEER  
FL License No:  
PE 0010983

JUL 28 1998

date 05/08/98  
scale AS NOTED drawn by MC  
design by JWK checked by VJK

drawing no.  
**98-004**  
sheet 3 of 4



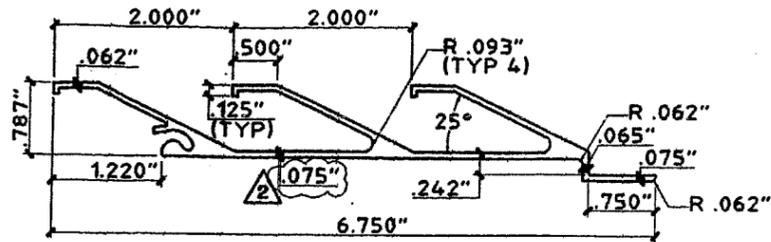
**KNEZEVICH & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS • PRODUCT TESTING  
 641 MOKENA DRIVE-MIA MI SPRINGS, FLORIDA 33166  
 MIAMI (305) 883-9571 FT. LAUDERDALE (954) 677-9500  
 FAX: (305) 883-9572  
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**COLONIAL SHUTTER**  
 9040 Belvedere Road  
 West Palm Beach, FL 33411  
**PIOMA**  
 CORPORATION  
 (561) 760-5788

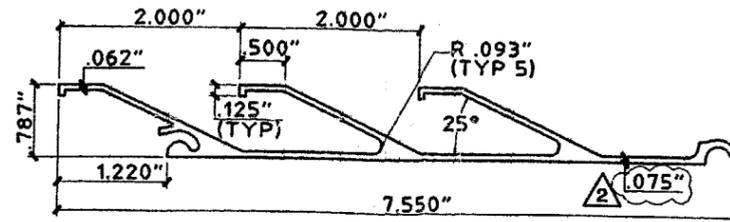
no.	date	description	by
1	05/08/98	96-121 ALT. BLADE	
2	07/27/98	MISC. COMMENTS	

V.J. KNEZEVICH  
 PROFESSIONAL ENGINEER  
 FL License No:  
 PEI 0010983

date 05/08/98  
 scale AS NOTED drawn by MC  
 design by JWK checked by VJK  
 drawing no. **98-004**  
 sheet 4 of 4

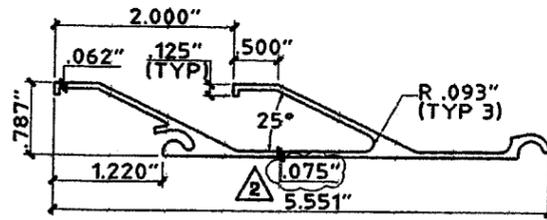


**12** IMPACT RESISTANT  
**STARTER BLADE**  
 SCALE: HALF SIZE

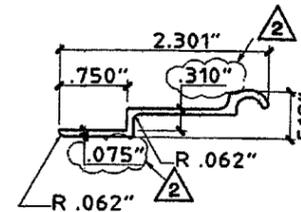


**13** IMPACT RESISTANT  
**STANDARD 3 LOUVER BLADE**  
 SCALE: HALF SIZE

**NOTE:**  
 1. IMPACT RESISTANT LOUVER BLADE COMPONENTS MAY BE USED IN LIEU OF THE LOUVER BLADE PIECE (3), THE LOUVER PLATE PIECE (4), AND THE CONT. 0.050" ALUM. SHEETING SPECIFIED IN DETAIL (E).

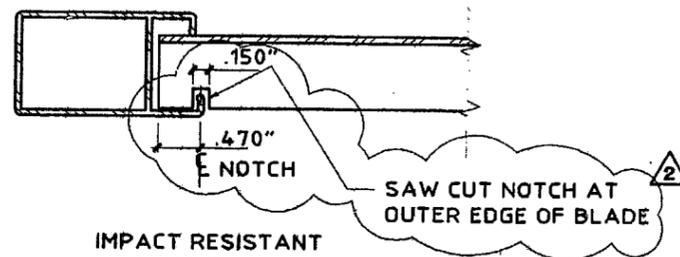


**14** IMPACT RESISTANT  
**STANDARD 2 LOUVER BLADE**  
 SCALE: HALF SIZE

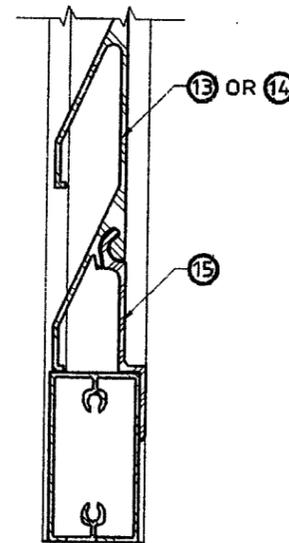


**15** IMPACT RESISTANT  
**CLOSURE STRIP**  
 SCALE: HALF SIZE

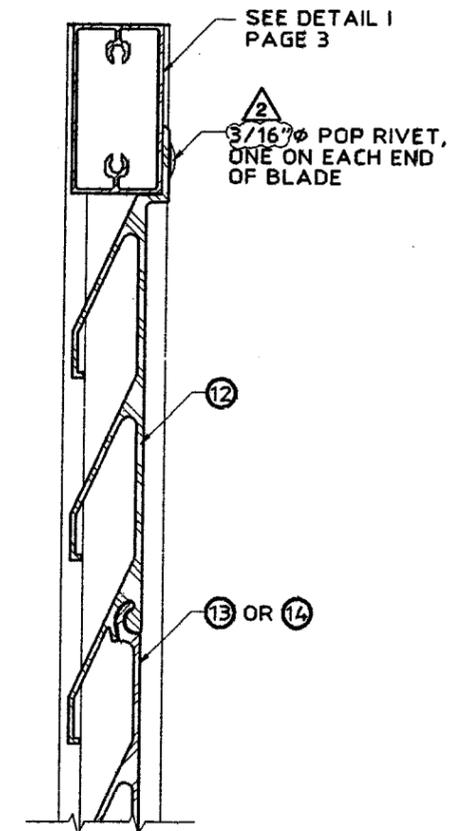
**ALTERNATE IMPACT RESISTANT LOUVER BLADE COMPONENTS**



IMPACT RESISTANT  
**LOUVER TO SIDE RAIL DETAIL**  
 SCALE: HALF SIZE



IMPACT RESISTANT  
**LOUVER TO BOTTOM RAIL DETAIL**  
 SCALE: HALF SIZE



IMPACT RESISTANT  
**LOUVER TO TOP RAIL DETAIL**  
 SCALE: HALF SIZE

**PRODUCT RENEWED**

ACCEPTANCE No. 00-1114.01  
 EXPIRATION DATE 12/16/2005  
 By Helmut A. Mark  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE 08/20/98  
 BY Helmut A. Mark  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 98-0512.01

