



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

**All Broward Hurricane Panel Co.
450 West McNab Road
Ft. Lauderdale ,FL 33309**

Your application for Notice of Acceptance (NOA) of:

"Wrol-Shade" Rolled Aluminum Roll-Up Sun Shade

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.: 01-1002.05
EXPIRES: 01/25/2007**

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: 12/06/2001



NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1 SCOPE

- 1.1** This **renews** the Notice of Acceptance No. 98-0901.12, which was issued on 12/03/98. It approves an aluminum roll-up sun shade, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, (S.F.B.C.) 1994 Edition for Miami-Dade County. For the locations where the pressure requirements, as determined by S.F.B.C. Chapter 23, do not exceed the design pressure-rating values indicated in the approved drawings.

2 PRODUCT DESCRIPTION

- 2.1** The **Wrol-Shade Rolled Aluminum Roll-Up Shade** and its components shall be constructed in strict compliance with the following documents: Drawing No. **92-14**, Sheets 1 through 4 of 4, titled "Roll Up Shade", prepared by Al-Farooq Corporation., dated 08/06/92, with last revision on 06/15/98. They bear the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date. These documents shall herein after be referred to as the approved drawings.

3 LIMITATIONS

- 3.1** All permanent set components, included but not limited to embedded anchor bolts, metal shields, headers and sills, must be protected against corrosion, damage and contamination at all times.

4 INSTALLATION

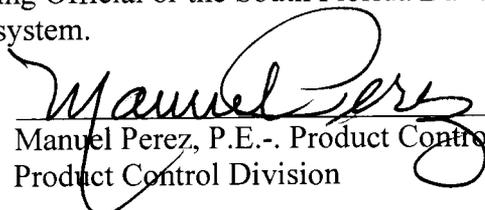
- 4.1** The aluminum roll-up shade and its component shall be installed in strict compliance with the approved drawing.

5 LABELING

- 5.1** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved"
- 5.2** Also, a permanent label shall be affixed to the sun shades that reads the following:
WARNING: THIS IS NOT AN APPROVED HURRICANE PROTECTION DEVICE. DURING A HURRICANE, THIS PRODUCT MAY BECOME A HAZARD AND IT MUST BE COMPLETELY REMOVED AND STORED IN A SAFE PLACE.

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 document required by the Building Official or the South Florida Building Code in order to evaluate the installation of this system.


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

All Broward Hurricane Panel Inc.

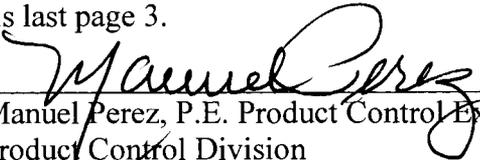
ACCEPTANCE NO: 01-1002.05

APPROVED: DEC 06 2001

EXPIRES: 01/25/2007

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 Approval", 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 need 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.


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

END OF THIS ACCEPTANCE

Shutterpro Hurricane Shutters Inc.

ACCEPTANCE NO: 01-1002.05

APPROVED: DEC 06 2001

EXPIRES: 01/25/2007

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED:

A. - DRAWING

1. - Drawing prepared by Al-Farooq Corporation, titled "Roll-Up Shade" Drawing No. 92-14, dated 08/06/92, with latest revision on 06/15/98, sheets 1 through 4 of 4, signed and sealed by Walter A. Tillit Jr., PE.

B. - TEST

1. - Test report on Uniform Static Air Pressure Test per PA 202 of S Profile Shade, prepared by Hurricane Engineering & Testing, Inc., Report # 94-281, dated 08/31/94, signed and sealed by H.M. Medina.

C. - CALCULATIONS

1. - Comparative analysis for slats, and rational analysis for storm bars, headers, mullions and anchors, dated 05/12/89, revised on 11/14/94, prepared by Al Farooq Corporation, signed and sealed by H. Farooq Corporation, PE.

D. MATERIAL CERTIFICATION

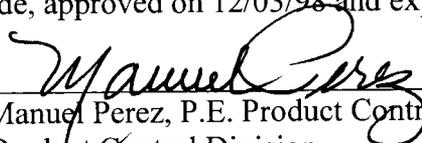
1. - Mill certification of aluminum alloy 3003-H16 coils, including chemical composition and physical properties, issued by Ormet Aluminum Mills Products Corporation, dated 08/17/94.
1. - Test Report of tensile test No. 94-T38, per ASTM E8 of specimen ID S1040, prepared by Hurricane Engineering & Testing, Inc., dated 10/31/94, signed and sealed by H. M. Medina, PE.

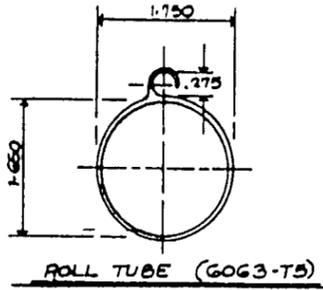
E. STATEMENTS

1. - Letter issued by All Broward Hurricane Panel, Inc., dated 06/10/98, stating that they purchased the Miami-Dade Product Approvals from Wrono Enterprises Corporation's, additionally they are requesting to replace the Wrono Enterprises Corporation's name with All Broward Hurricane Panel, Inc. name
2. - Copy of order from the United States Bankruptcy Court, Southern District of Florida, Case No. 98-20840-BKC-PGH, Chapter 7 in reference to Wrono Enterprise Corporation.
3. - Letter of no change issued by Al-Farooq Corporation, dated 06/16/98, signed by H. Farooq.
4. - Letter of no change issued by All Broward Hurricane Panel Co. on 09/24/01 and signed by A. W. Roettger.

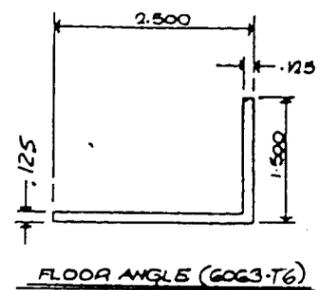
F. OTHERS

1. - Notice of Acceptance No. 98-0901.12 issued to All Broward Hurricane Panel, Inc. for their "Wrol-Shade" Rolled Aluminum Roll-Up Shade, approved on 12/03/98 and expiring on 01/25/02.

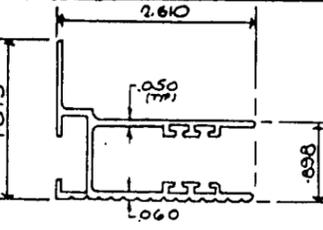

Manuel Perez, P.E. Product Control Examiner
Product Control Division



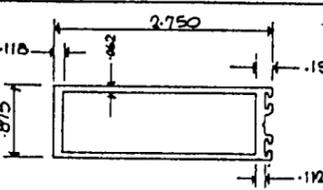
ROLL TUBE (G063-T5)



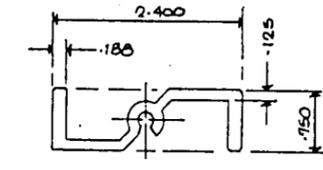
FLOOR ANGLE (G063-T6)



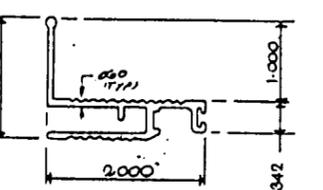
TRACK (G063-T6)



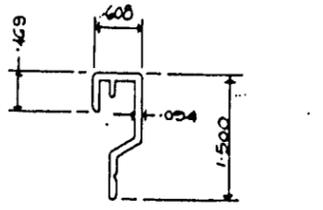
VERTICAL BAR (G061-TG)



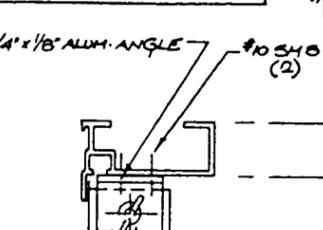
VERTICAL BAR INSERT (G061-TG)



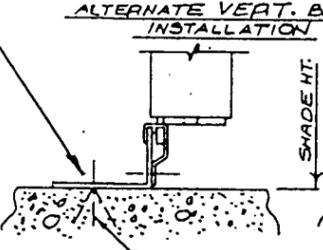
BOTTOM RAIL (G063-T5)



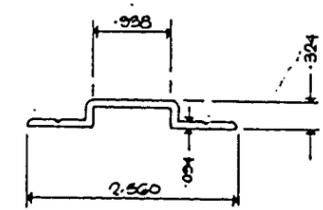
SADDLE CUP (G063-T5)



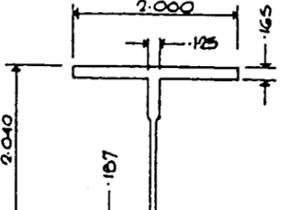
ALT. VERT. BAR MOUNTING



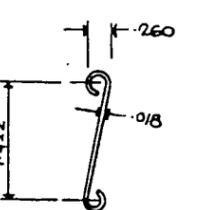
ALTERNATE VERT. BAR INSTALLATION



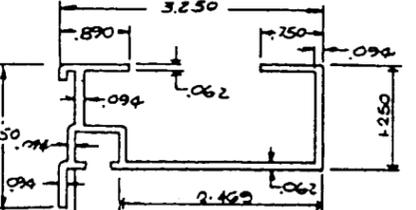
FLOOR BRACKET (G063-T5)



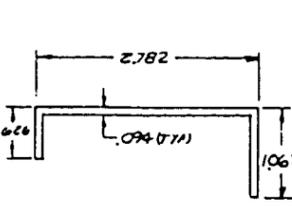
T MULL (G063-TG)



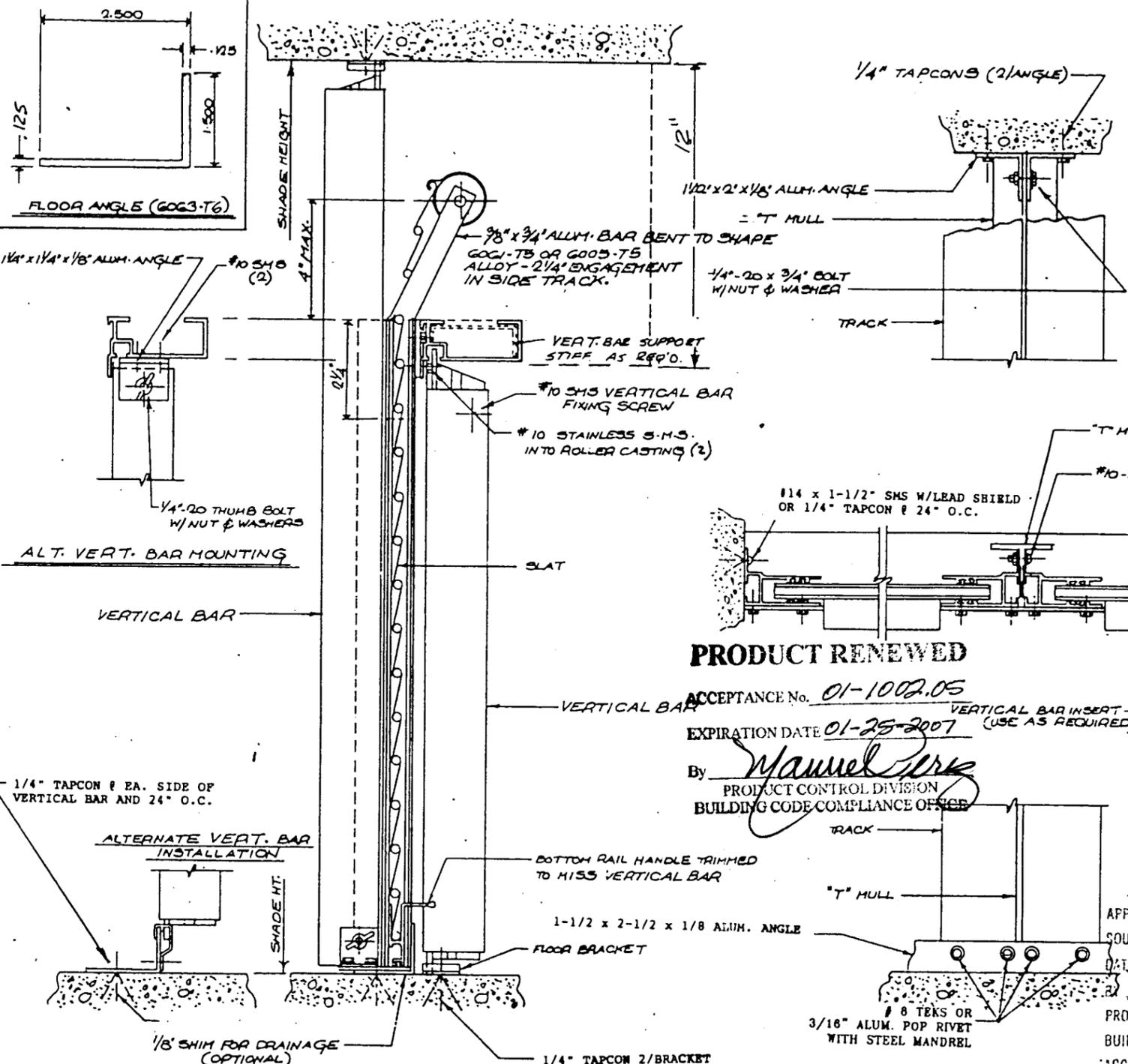
SLAT (3003-HIG)



VERTICAL BAR SUPPORT (G063-T6)



VERT. BAR SUPPORT STIFF (G063-T6)



PRODUCT RENEWED

ACCEPTANCE No. 01-1002.05

EXPIRATION DATE 01-25-2007

By *Manuel Ruiz*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE December 03, 1998
By *Manuel Ruiz*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0901-12

GENERAL NOTES

- 1) THIS SHADE WITH THE VERTICAL BARS IN PLACE HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE 1994 SOUTH FLORIDA BUILDING CODE FOR STANDARD AND COASTAL AREAS. DADE & BROWARD.
 - 2) ALL LOADS TO BE AS PER ASCE 7-88 REQUIREMENTS FOR 115 MPH WIND ZONE. USE CHART AFC-34.02 OR ANALYSIS TO DETERMINE REQUIRED DESIGN PRESSURES.
 - 3) ALL FASTENERS TO BE ALUMINUM, PLATED OR STAINLESS STEEL.
 - 4) ANCHORAGE TO METAL STRUCTURES TO BE CONSIDERED AS SPECIAL INSTALLATIONS SUBJECT TO ENGINEERING REVIEW.
 - 5) A LABEL MUST BE AFFIXED TO ALL UNITS WARNING THE USER AS FOLLOWS:
WARNING: THIS IS NOT AN APPROVED HURRICANE PROTECTION DEVICE. DURING A HURRICANE THIS PRODUCT MAY BECOME A HAZARD AND IT MUST BE ROLLED UP TO AN OPEN POSITION AND THE VERTICAL BARS REMOVED AND STORED IN A SAFE PLACE.
- SPECIAL ANCHORING CONDITIONS SUBJECT TO ENGINEERING REVIEW.

a f c

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT TESTING
1235 SW 87 AVE
MIAMI, FLORIDA 33174
(305) 264-8100

ROLL UP SHADE
ALL BROWARD HURRICANE PANEL INC.
450 WEST MUNAB ROAD
FT. LAUDERDALE, FL 33309
TEL 1-800-432-1363 FAX 954-973-2325

NO	DATE	DESCRIPTION
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2	10.4.94	GENERAL REVISION
3	8.15.95	T.H. CO. NAME CHANGED

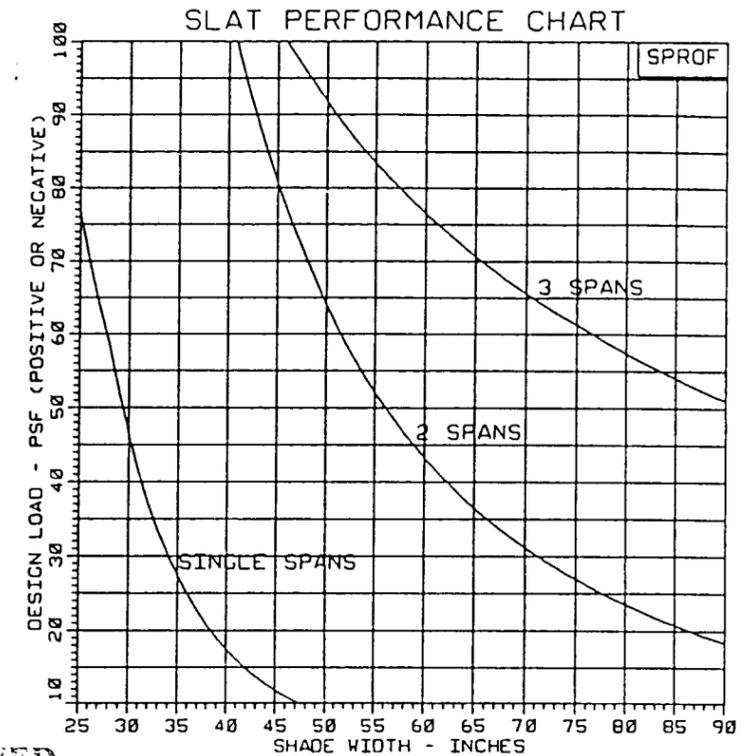
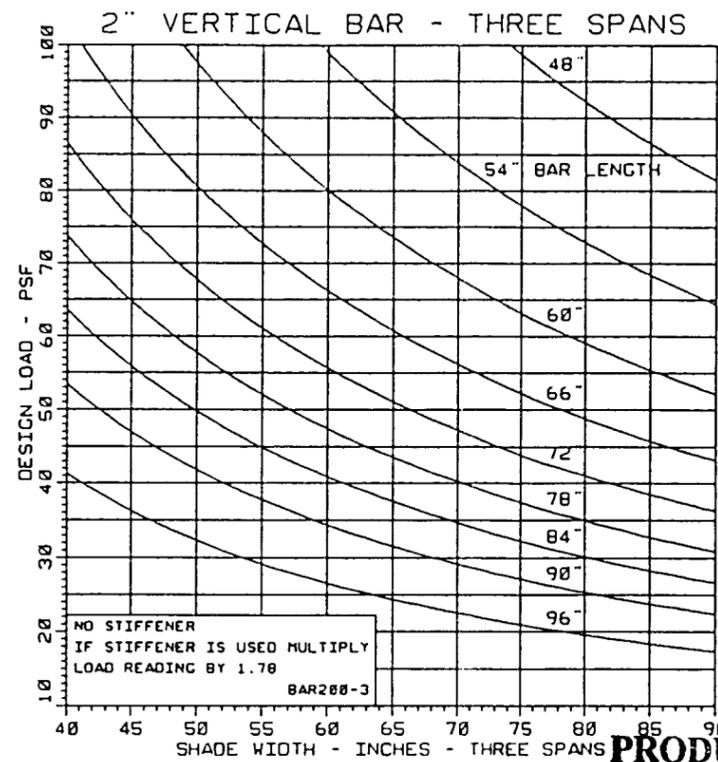
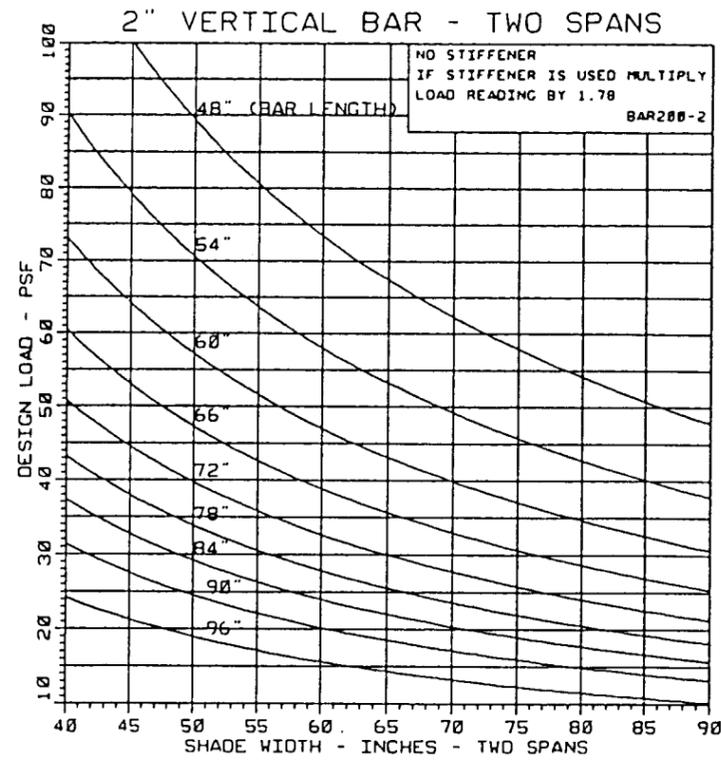
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scale:
design by:
drawn by:
checked by:

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

AUG 21 1998

drawing no.
92-14
sheet 1 of 4

98-0901-12

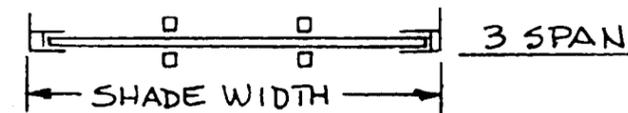
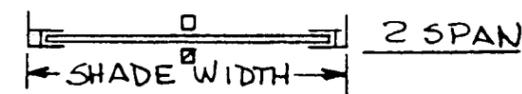
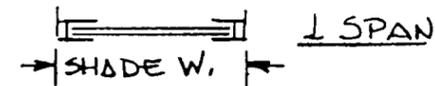
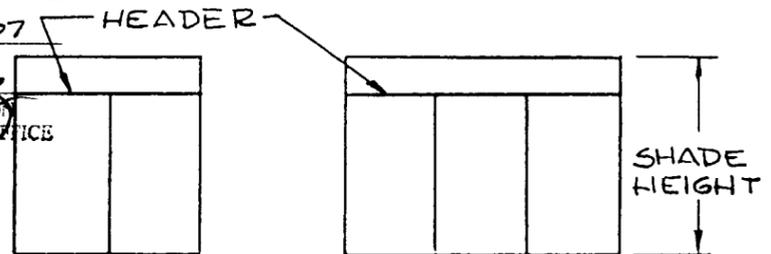


PRODUCT RENEWED

ACCEPTANCE No. 01-1002.05

EXPIRATION DATE 01-25-2007

By *Mamud Buz*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

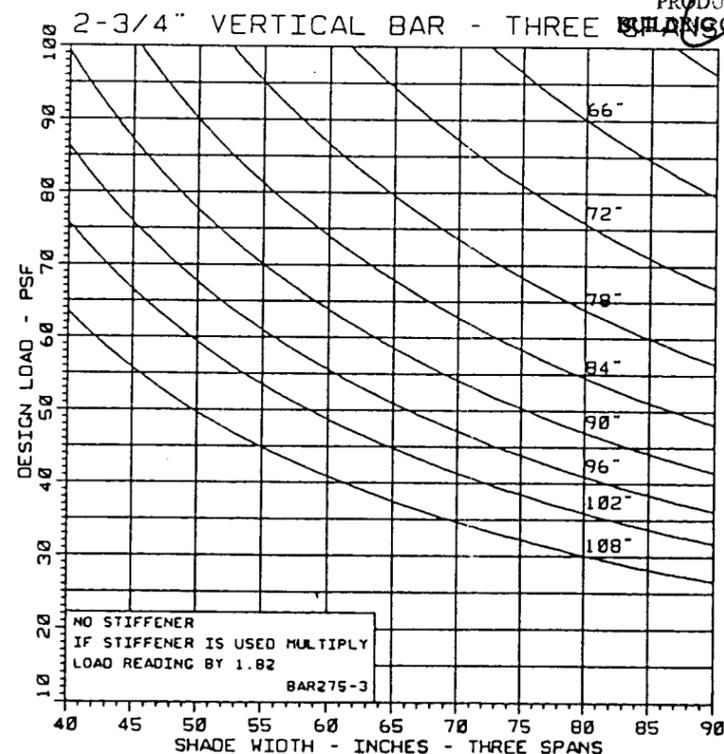
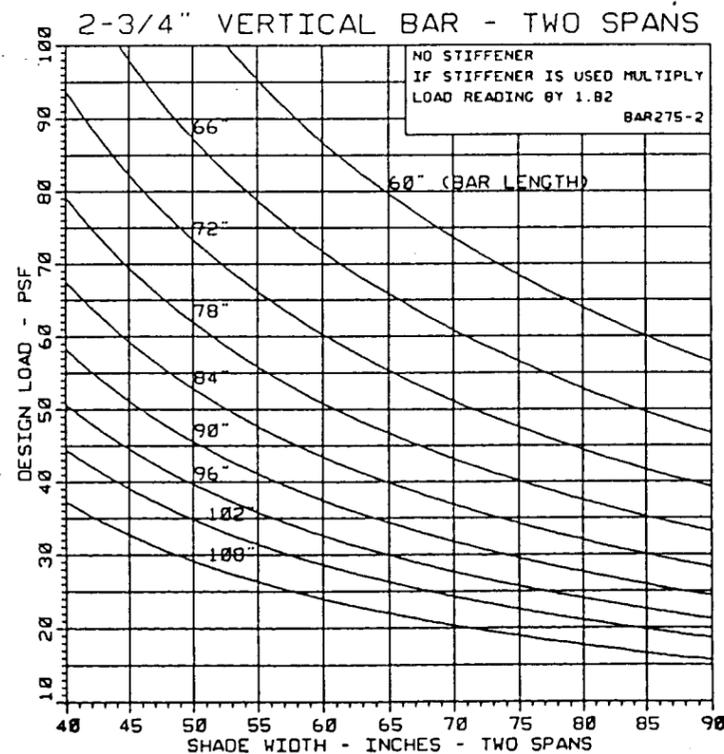


APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE December 03 19 98
BY *Mamud Buz*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-090112

AUG 21 1998

ANY SHADE MUST COMPLY WITH THE CORRESPONDING
CHART FOR SLATS, VERTICAL BAR, HEADER AND END
SUPPORT IF USED.

USE CHART AFC94-02 OR SEPARATE ANALYSIS TO OBTAIN
THE REQUIRED DESIGN LOAD FOR SHADES FOR THE
CORRESPONDING CONDITION.



a f c

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT TESTING
1235 SW 87 AVE
MIAMI, FLORIDA 33174
(305) 264-8100

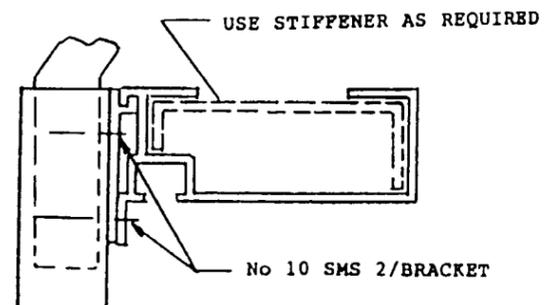
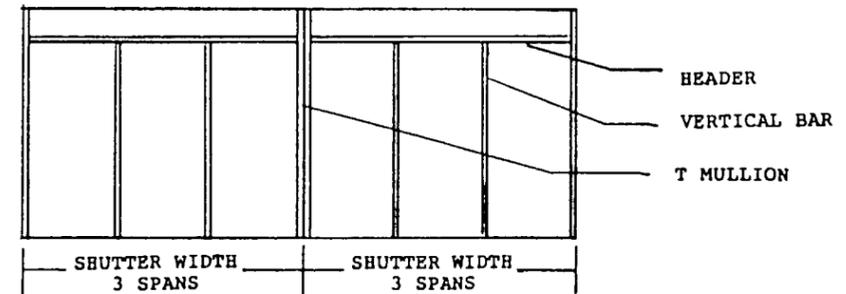
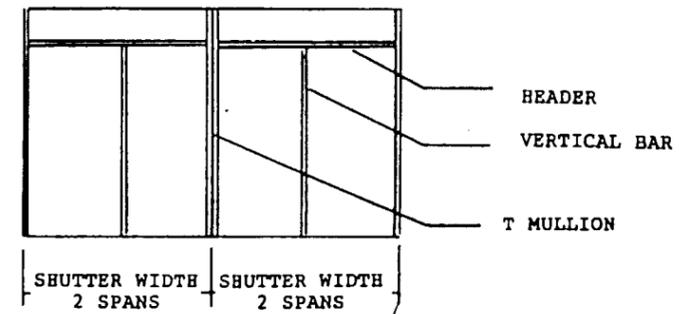
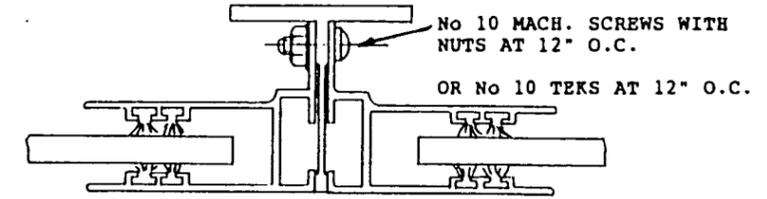
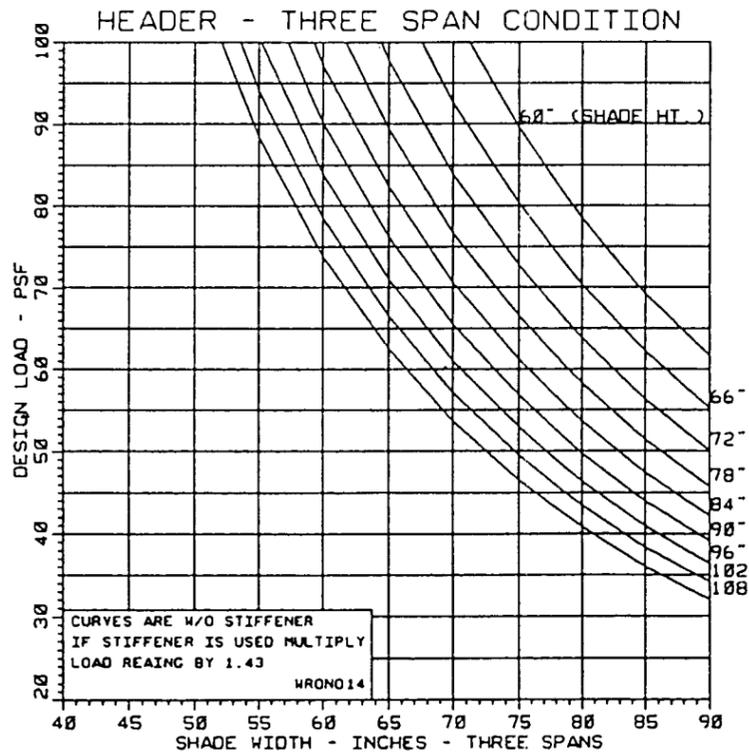
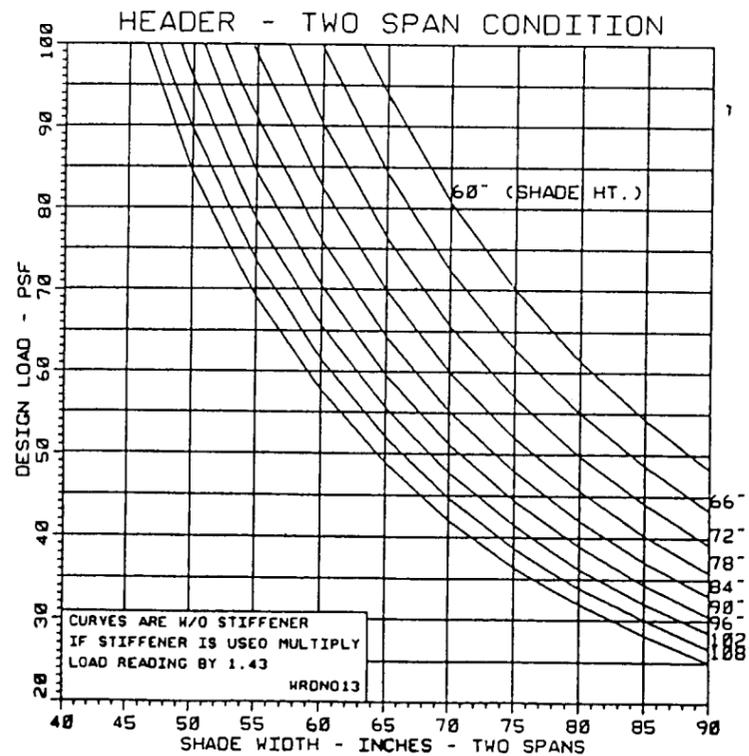
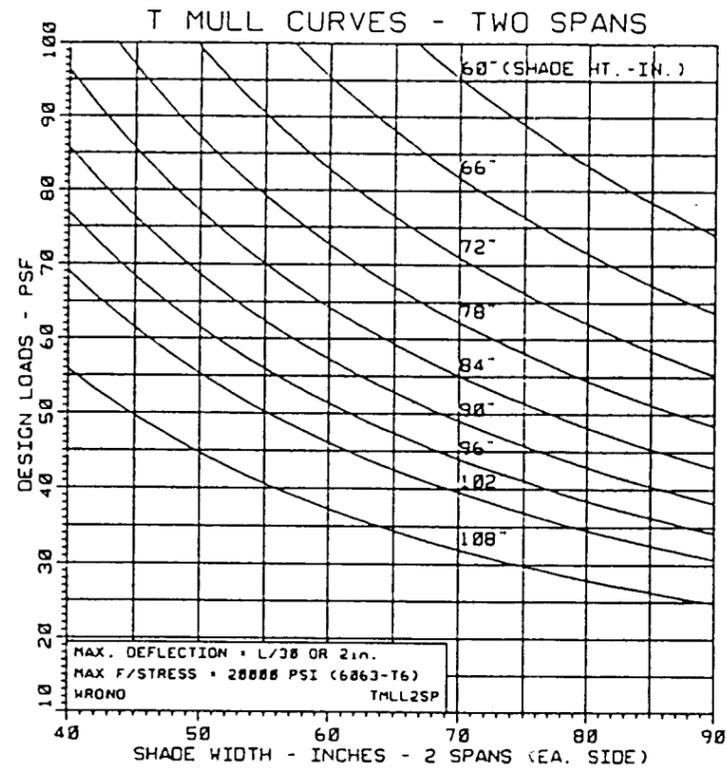
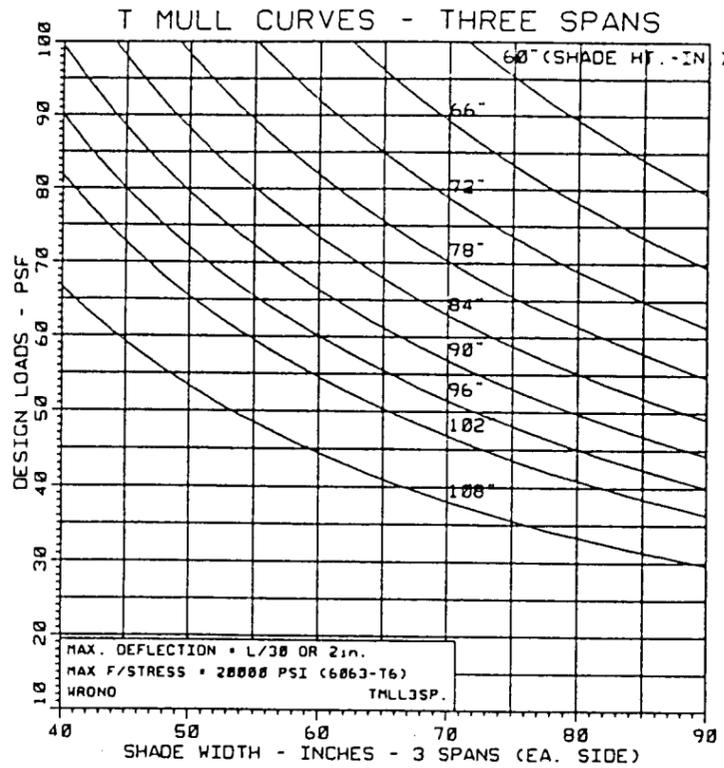
ROLL-UP SHADE
ALL BROWARD HURRICANE PANEL INC.
450 WEST McNAB ROAD
FT. LAUDERDALE, FL. 33309
TEL. 1-800-432-1803 FAX 954-973-3928

revision	no	date	description

date	scale	design by	drawn by	checked by
10/4/94				

drawing no.
92-14

sheet 2 of 4



APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE December 03, 1998
 BY Manuel Perez
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 98-0901-12

PRODUCT RENEWED

ACCEPTANCE NO. 01-1002.05

EXPIRATION DATE 01-25-2007

By Manuel Perez
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

AUG 21 1998

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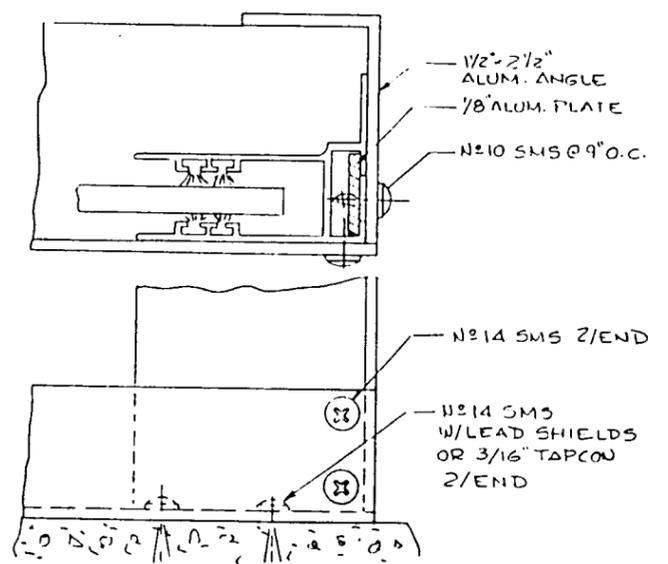
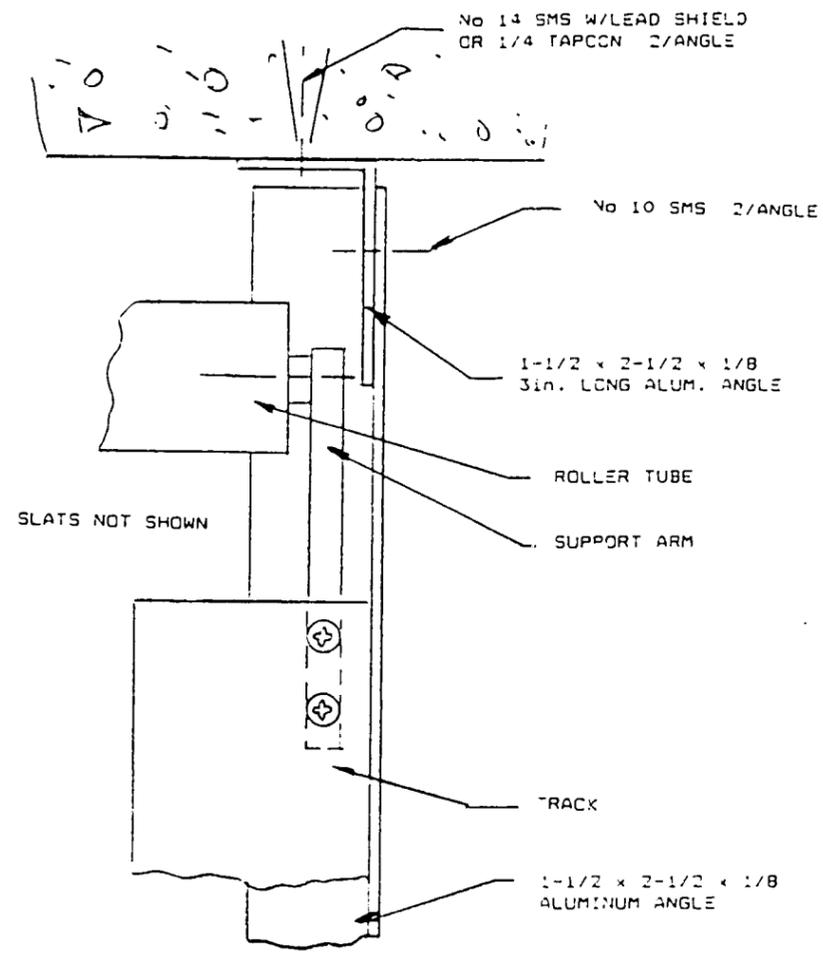
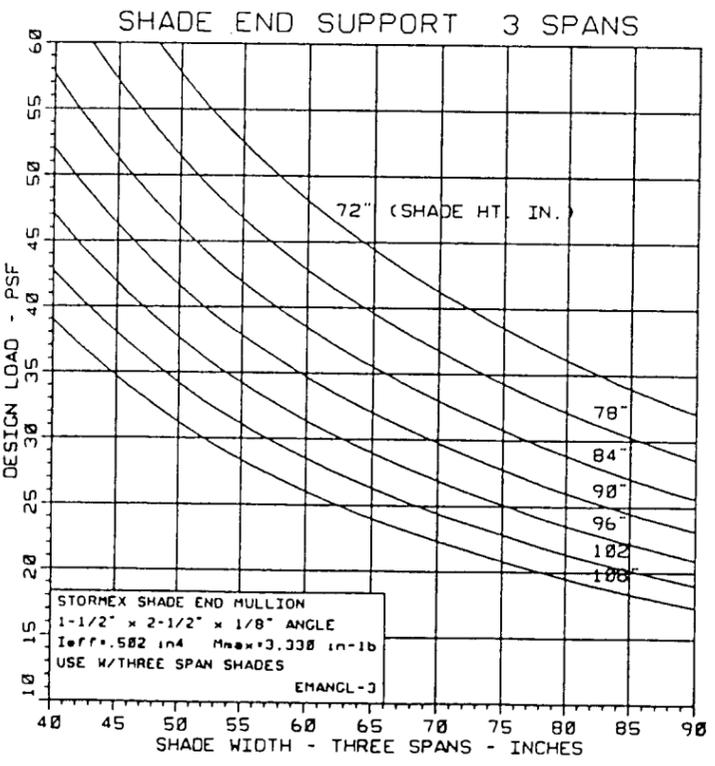
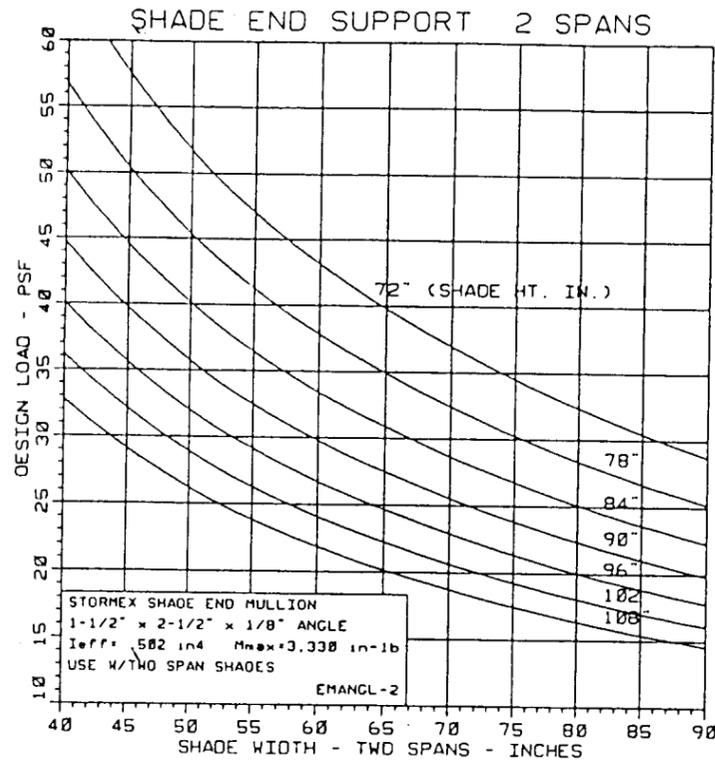
AL-FAROOQ CORPORATION
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ROLL-UP SHADE
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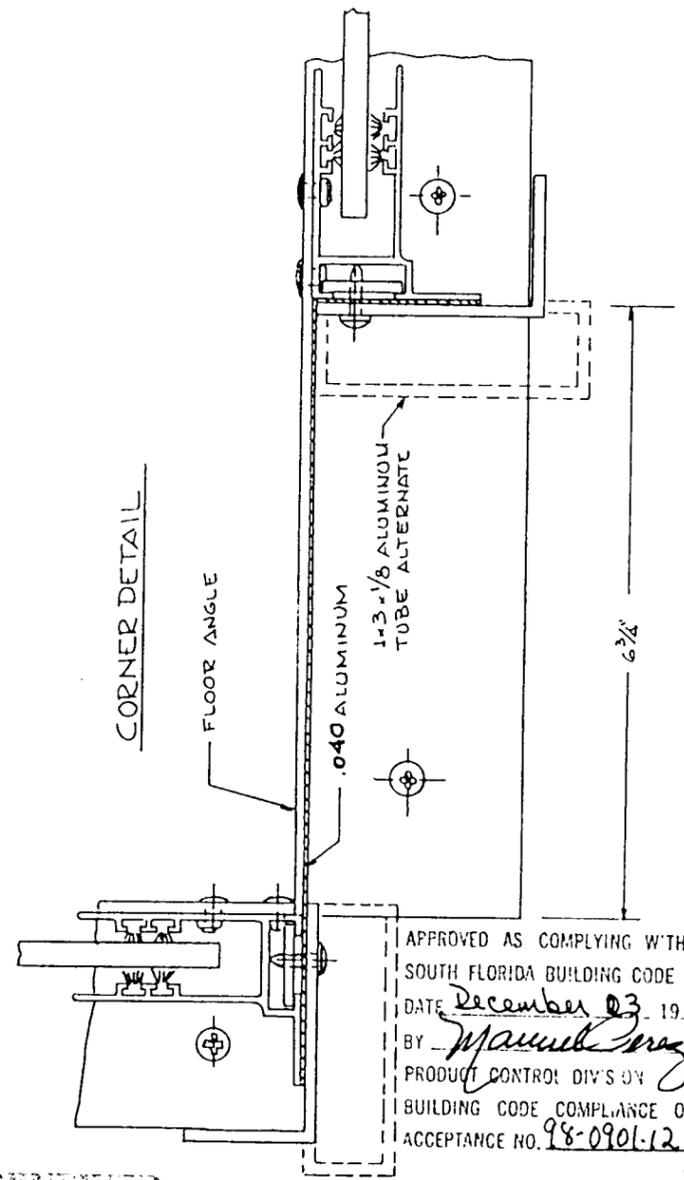
no	date	by description

date: 1-14-99
 checked by: None
 design by:
 drawn by:
 checked by:

drawing no.
92-14
 sheet 3 of 4



END SUPPORT FOR SHADE WHEN TRACK
IS NOT ATTACHED TO STRUCTURE AT SIDES.



APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE December 03, 1998
BY Maunil Sree
PRODUCT CONTROL DIV'S BY
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0901-12

PRODUCT RENEWED

ACCEPTANCE No. 01-1002.05

EXPIRATION DATE 01-28-2007

By Maunil Sree
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

H AUG 21 1998

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AL-FAROOQ CORPORATION
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MIAMI, FLORIDA 33174
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ROLL-UP SHADE
ALL BROWARD HURRICANE PANEL INC.
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FT. LAUDERDALE, FL 33309
TEL 1-800-432-1803 FAX 954-471-3723

revisions:	no.	date	by	description

date: 1/14/99
scale: NONE
design by: ASB
drawn by: ASB
checked by:

drawing no.
92-14
sheet 4 of 4