



**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)

**Hurst Awning Company, Inc.
6865 NW 36th Ave.
Miami, FL 33147**

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: Aluminum Hinged Colonial Shutter

APPROVAL DOCUMENT: Drawing No. 99-055, titled "Hinged Colonial Shutter", sheets 1 through 2 of 2, prepared by Knezevich & Associates, Inc., dated May 26, 1999, last revision #1 dated May 10, 2002, signed and sealed by V.J. Knezevich, P.E. on May 14, 2002, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration 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 the 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.

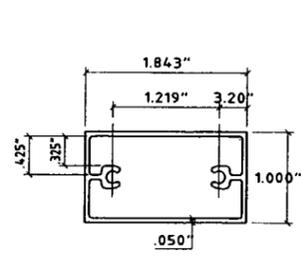
INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 02-0315.04 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E.**

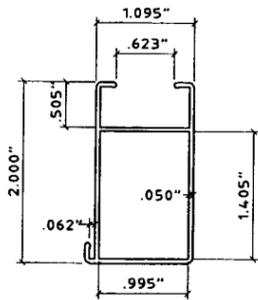


**NOA No 02-0624.03
Expiration Date: August 29, 2007
Approval Date: August 08, 2002
Page 1**

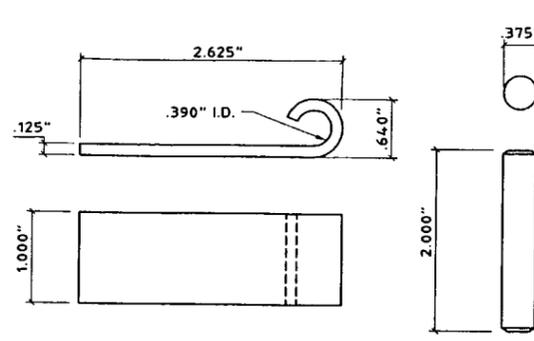
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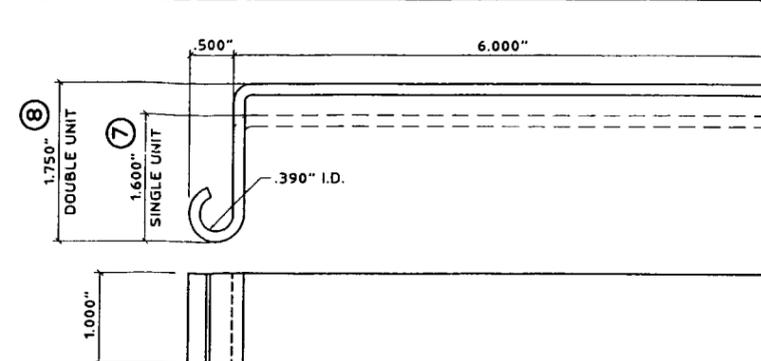
1 TOP & BOTTOM RAIL
HALF SCALE



2 SIDE RAIL
HALF SCALE

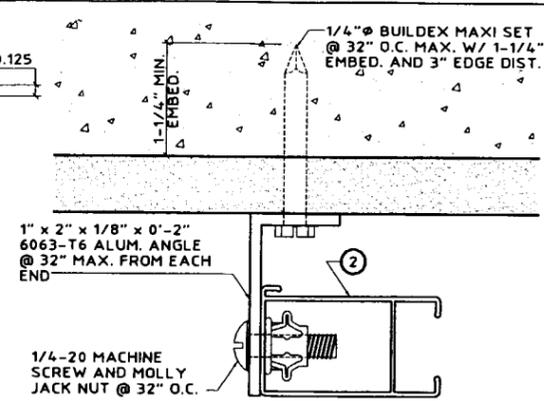


5 FLAT HINGE
HALF SCALE

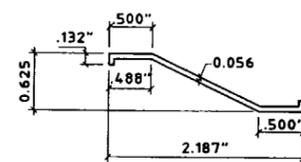


7 SINGLE SIDE HINGE
HALF SCALE

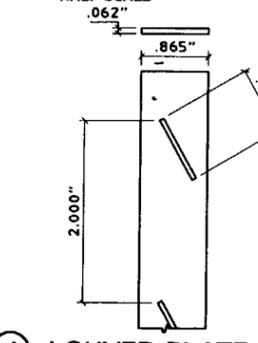
8 DOUBLE SIDE HINGE
HALF SCALE



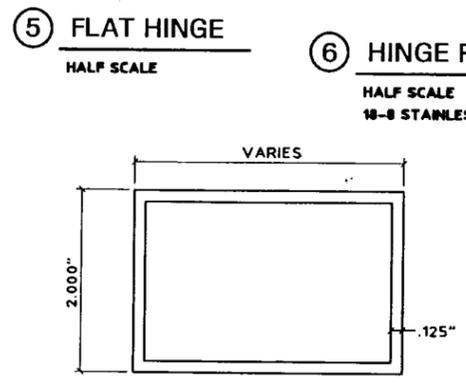
9 CLOSURE ASSEMBLY



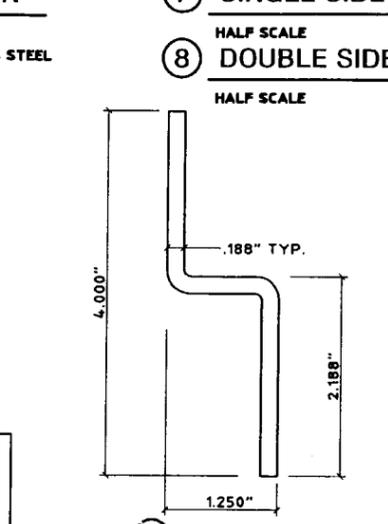
3 LOUVER BLADE
HALF SCALE



4 LOUVER PLATE
HALF SCALE



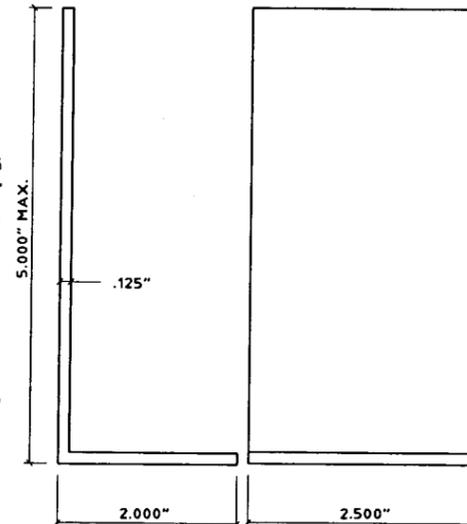
10 LOCKING BAR
HALF SCALE



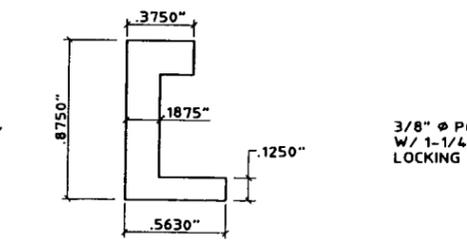
11 "Z" BAR (5052-H32)
HALF SCALE

LOCKING BAR SCHEDULE					
ALUM. LOCKING BAR ⑩ SIZE	MAX. SPACING "S"	MAX. BAR LENGTH	COMMENTS	CONNECTION OPTIONS	
				BRACKET	QTY. ANCHORS
2" x 2" x 1/8"	32"	75"	-	BRACKET	2
2" x 2" x 1/8"	24"	87"	-	BRACKET	2
2" x 3" x 1/8"	24"	111"	3" SIDE HORIZONTAL	BRACKET	2
2" x 3" x 1/8"	18"	127"	3" SIDE HORIZONTAL	BRACKET	2
2" x 3" x 1/8"	32"	99"	3" SIDE HORIZONTAL	BRACKET W/ STRAP	4
2" x 4" x 1/8"	29"	126"	4" SIDE HORIZONTAL	BRACKET W/ STRAP	4
2" x 5" x 1/8"	32"	142"	5" SIDE HORIZONTAL	BRACKET W/ STRAP	4

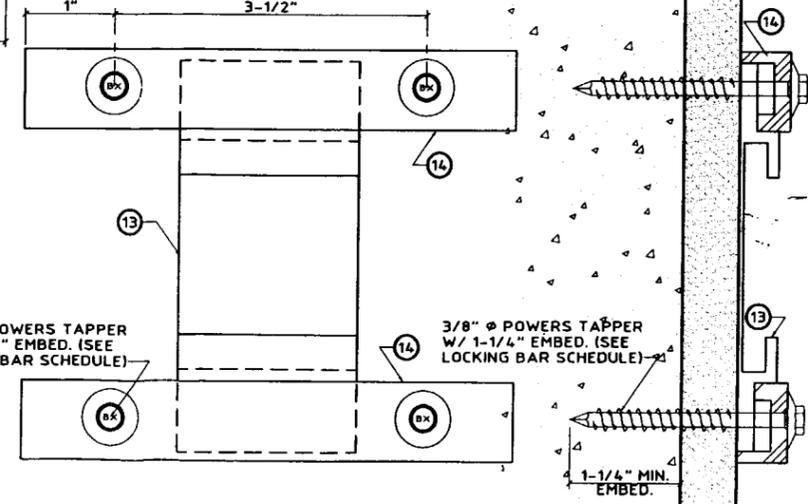
- GENERAL NOTES:**
- THESE APPROVAL DOCUMENTS REPRESENT A SHUTTER SYSTEM ANALYZED WITH THE PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE FLORIDA BUILDING CODE.
 - TO VERIFY THAT THE ANCHORS AS TESTED, ARE NOT OVERSTRESSED IN THESE APPROVAL DOCUMENTS, A 33% INCREASE IN ALLOWABLE STRESS WAS USED IN THE FASTENER ANALYSIS.
 - THIS SHUTTER SYSTEM HAS A MAXIMUM PERFORMANCE RATING OF:
CLOSED POSITION:
POSITIVE DESIGN LOAD +55.0 PSF
NEGATIVE DESIGN LOAD -75.0 PSF
 - DETERMINE THE POSITIVE AND NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH ASCE 7-98, A DIRECTIONALITY FACTOR OF $K_d = 1.0$ SHALL BE USED.
 - THESE APPROVAL DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS SHUTTER SYSTEM.
 - THESE APPROVAL DOCUMENTS COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
 - THESE APPROVAL DOCUMENTS, ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THAT THE EXISTING STRUCTURE DOES NOT DEVIATE IN EITHER FORM OR MATERIAL FROM THE STRUCTURAL SUBSTRATES DETAILED HEREIN.
 - ANY MODIFICATIONS OR ADDITIONS TO THESE APPROVAL DOCUMENTS WILL VOID THE APPROVAL DOCUMENTS.
 - WHEN THE SITE CONDITIONS DEVIATE FROM THESE APPROVAL DOCUMENTS, THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
A) REQUIRE THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION. SAID DOCUMENTS SHALL BE SUBMITTED TO THE PRODUCT ENGINEER FOR REVIEW AS A CONDITION TO THE BUILDING OFFICIAL GRANTING HIS/HER APPROVAL.
B) REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION
 - WHEN THE SITE CONDITION DEVIATIONS OCCUR WITHIN THE HIGH VELOCITY HURRICANE ZONE AREAS ONLY OPTION "B" SHALL BE ACCEPTED BY THE BUILDING OFFICIAL.
 - EACH SHUTTER ASSEMBLY SHALL BE PERMANENTLY LABELED AS FOLLOWS:
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED
MIAMI, FLORIDA
HURST AWNING CO., INC.
 - ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, U.O.N.
 - STORM BARS ARE NOT REQUIRED FOR SHUTTERS LESS THAN OR EQUAL TO 32" IN HEIGHT, ONE STORM BAR IS REQUIRED FOR SHUTTER HEIGHTS GREATER THAN 32" AND LESS THAN OR EQUAL TO 64".
 - WHERE Z-BAR CANNOT BE INSTALLED, A LOCKING BAR FROM THE SCHEDULE MAY BE SUBSTITUTED.
 - THIS SHUTTER SHALL BE PROVIDED WITH A PERMANENT LABEL INSTRUCTING THE OWNER OR TENANT TO "CLOSE THE SHUTTER AND INSTALL ALL REMOVABLE STORM BARS" AS DETAILED IN THIS DRAWING DURING PERIODS OF TIME AS ARE DESIGNATED BY THE U.S. WEATHER BUREAU AS BEING A HURRICANE WARNING ALERT.
 - A SINGLE FIXED PANEL WITHOUT AN ALUMINUM BACKING CAN BE ATTACHED ON EACH SIDE OF THE OPENING FOR DECORATIVE PURPOSES ONLY USING 1/4" ITW BUILDEX MAXISET TAPCONS W/ 1-1/4" MIN. EMBEDMENT @ EACH CORNER AND 32" O.C. MINIMUM SPACING.
 - ALL BOLTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MIN. $F_y = 33$ KSI OR 2024-T4 ALUMINUM. POP RIVETS SHALL BE 3/16" STAINLESS STEEL.



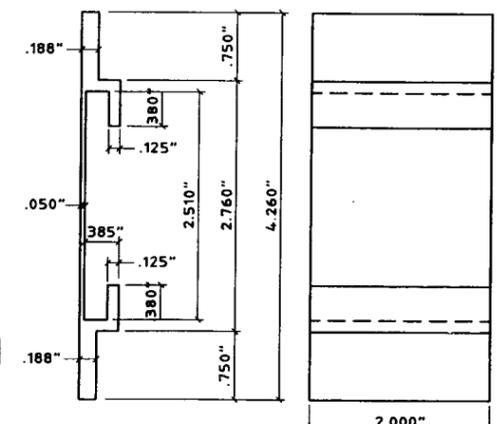
12 ALUMINUM ANGLE
HALF SCALE



14 STRAP
FULL SIZE



STRAP TO BRACKET CONNECTION
HALF SCALE



13 WALL MOUNT BRACKET
HALF SCALE

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 02-0624.03
Expiration Date 08/29/2007
By *Helmut A. Miller*
Miami Dade Product Control Division

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 02-0315.04
Expiration Date 08/24/2007
By *Helmut A. Miller*
Miami Dade Product Control Division



KNEZEVICH & ASSOCIATES, INC.
CONSULTING ENGINEERS • PRODUCT TESTING
1260 N. UNIVERSITY DRIVE, SUITE 180 • FORT LAUDERDALE, FL 33322
TEL: (954) 382-2800 • FAX: (954) 382-2989 • FLORIDA COA #3205
WEBSITE: WWW.KNEZEVICH.COM • E-MAIL: KA@KNEZEVICH.COM
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HINGED COLONIAL SHUTTER
Manufacturers of Hurricane & Security Protection Products
6865 N.W. 36th Avenue
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Phone: (305) 635-0900
Toll Free: (800) 327-0905
Fax: (305) 634-9078

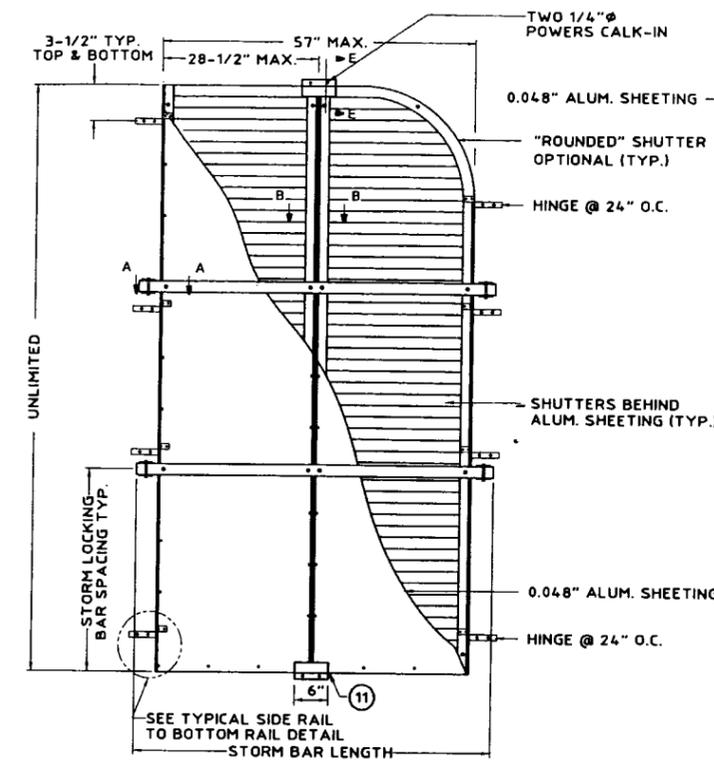
V.J. KNEZEVICH
PROFESSIONAL ENGINEER
FL License No. PE 6010983

MAY 14 2002

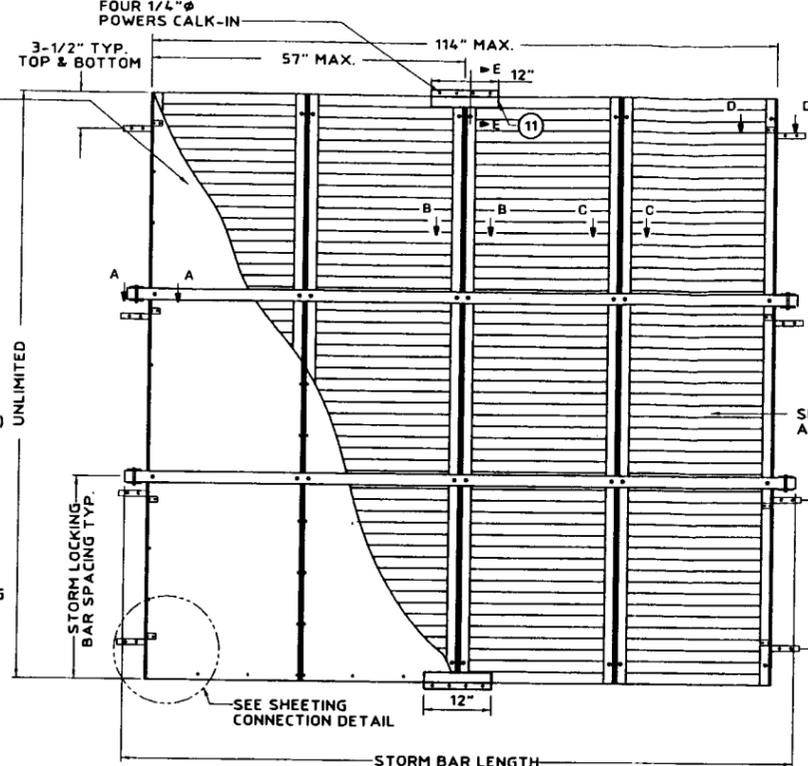
NO.	DATE	BY	DESCRIPTION
1	05/10/02	DLB	GENERAL NOTES

date 05/26/1999
scale AS NOTED
design by MD
checked by VJK
drawing no. **99-055**
sheet 1 of 2

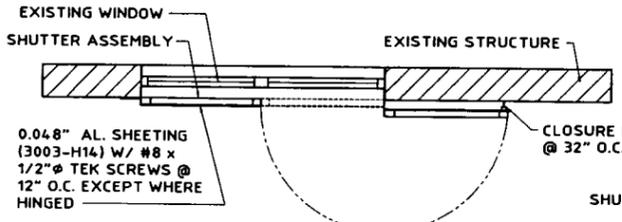
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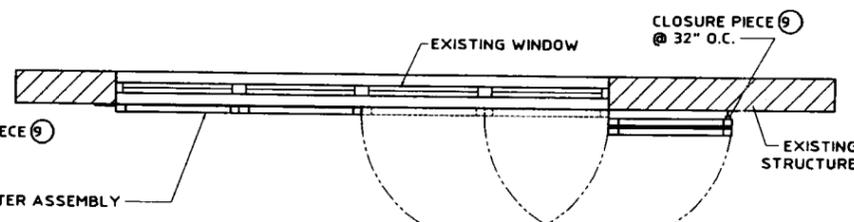
TYPICAL ELEVATION (TWO PANEL UNIT)
SCALE: 3/8" = 1'-0"



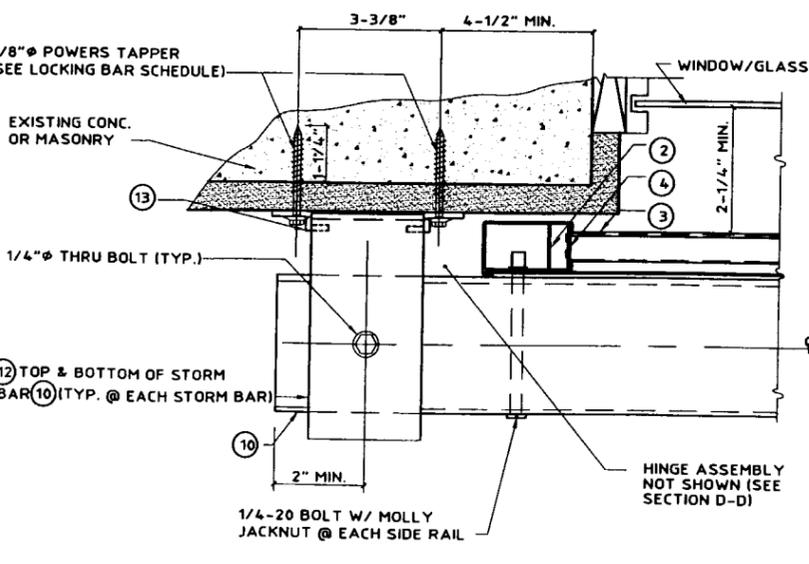
TYPICAL ELEVATION (FOUR PANEL UNIT)
SCALE: 3/8" = 1'-0"



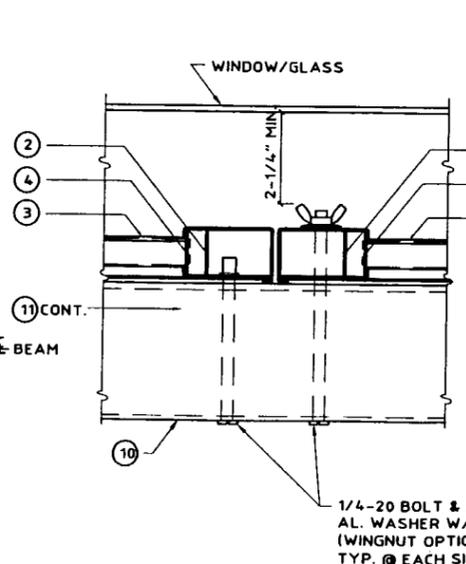
TWO PANEL UNIT (PLAN VIEW)
SCALE: 3/8" = 1'-0"



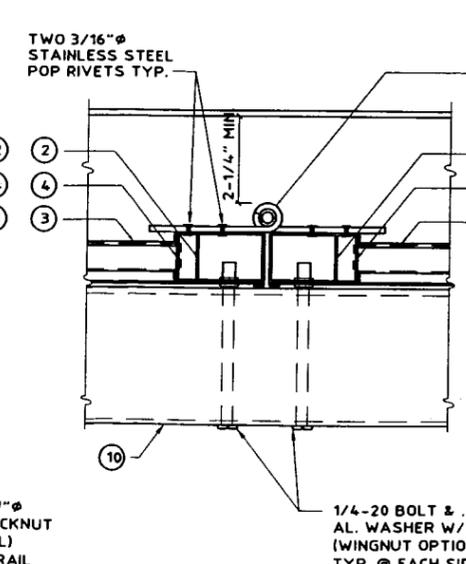
FOUR PANEL UNIT (PLAN VIEW)
SCALE: 3/8" = 1'-0"



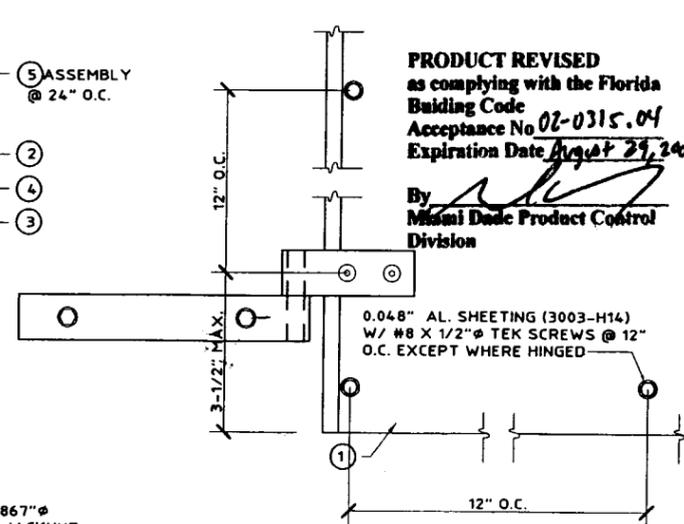
SECTION A-A
SCALE: 3" = 1'-0"



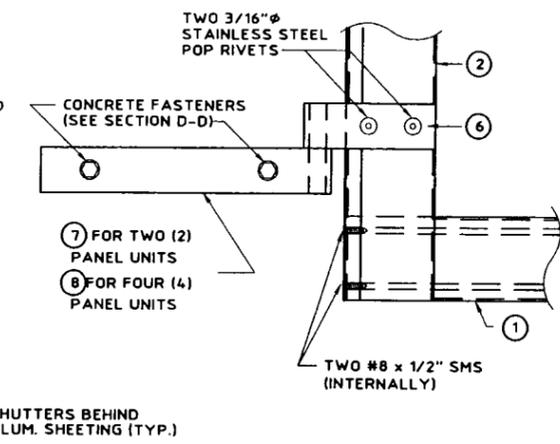
SECTION B-B
SCALE: 3" = 1'-0"



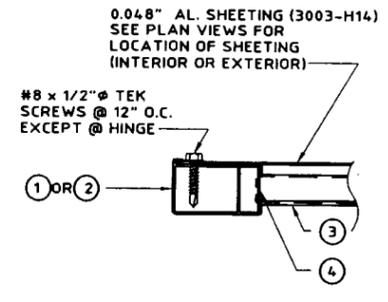
SECTION C-C
SCALE: 3" = 1'-0"



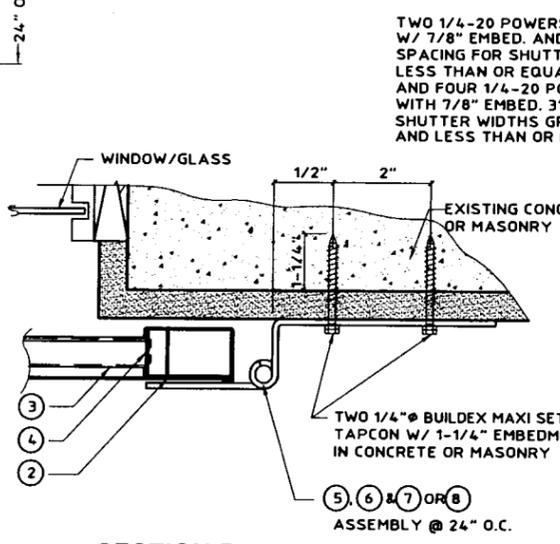
SHEETING CONNECTION DETAIL
SCALE: 3" = 1'-0"



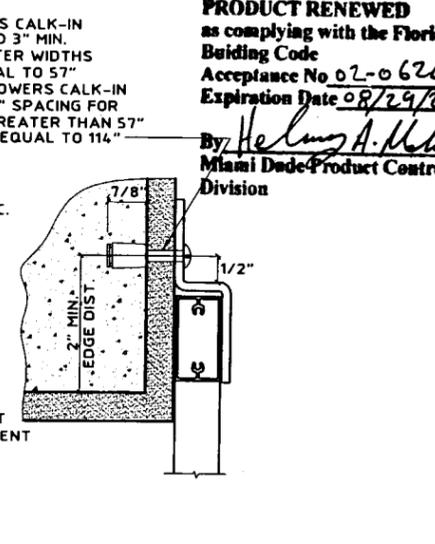
TYPICAL SIDE RAIL TO TOP & BOTTOM RAIL CONNECTION
SCALE: 3" = 1'-0"



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



SECTION D-D
SCALE: 3" = 1'-0"



SECTION E-E
SCALE: 3" = 1'-0"

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 02-0624.08
Expiration Date 08/29/2007

By *Helmut A. Miller*
Miami Dade Product Control Division

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 02-0315.04
Expiration Date August 29, 2002

By *[Signature]*
Miami Dade Product Control Division



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HURST
AWNING COMPANY, INC.
"QUALITY SERVICE SINCE 1937"

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

[Signature]
MAY 14 2002

REVISIONS	
no.	description
1	05/10/02 DDB
GENERAL NOTES	

date 05/26/1999
scale AS NOTED drawn by MC
design by MD checked by VJK
drawing no. **99-055**
sheet 2 of 2