



**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)

**All Weather Control, Inc.
4837 Pembroke Road
Hollywood, FL 33021**

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: "Hurri Down" Aluminum Bahama Shutter

APPROVAL DOCUMENT: Drawing No. 99-121, titled " Hurri Down / Bahama Shutter ", sheets 1 through 3 of 3, prepared by Knezevich & Associates, Inc., signed and sealed by V.J. Knezevich, P.E., dated March 22, 1999, last revision #3 dated July 03, 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.

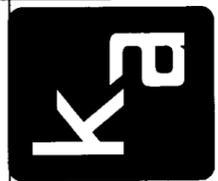
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 # 99-0326.12** 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 02-0417.04
Expiration Date: 04/18/2007
Approval Date: 08/15/2002**



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: K@KNEZEVICH.COM
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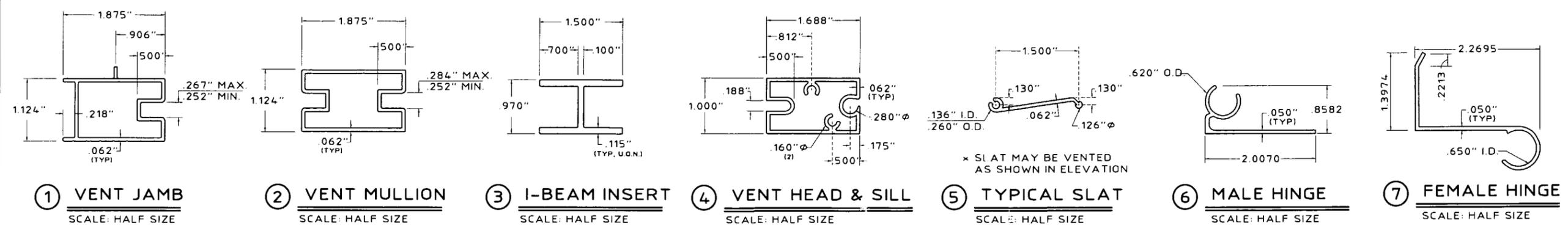
"HURRI DOWN" BAHAMA SHUTTER
Weather Control
 INCORPORATED
 4837 PEMBROKE ROAD
 HOLLYWOOD, FL 33021
 (954) 920-2391

V.J. KNEZEVICH
 PROFESSIONAL ENGINEER
 FL License No: PE 010983

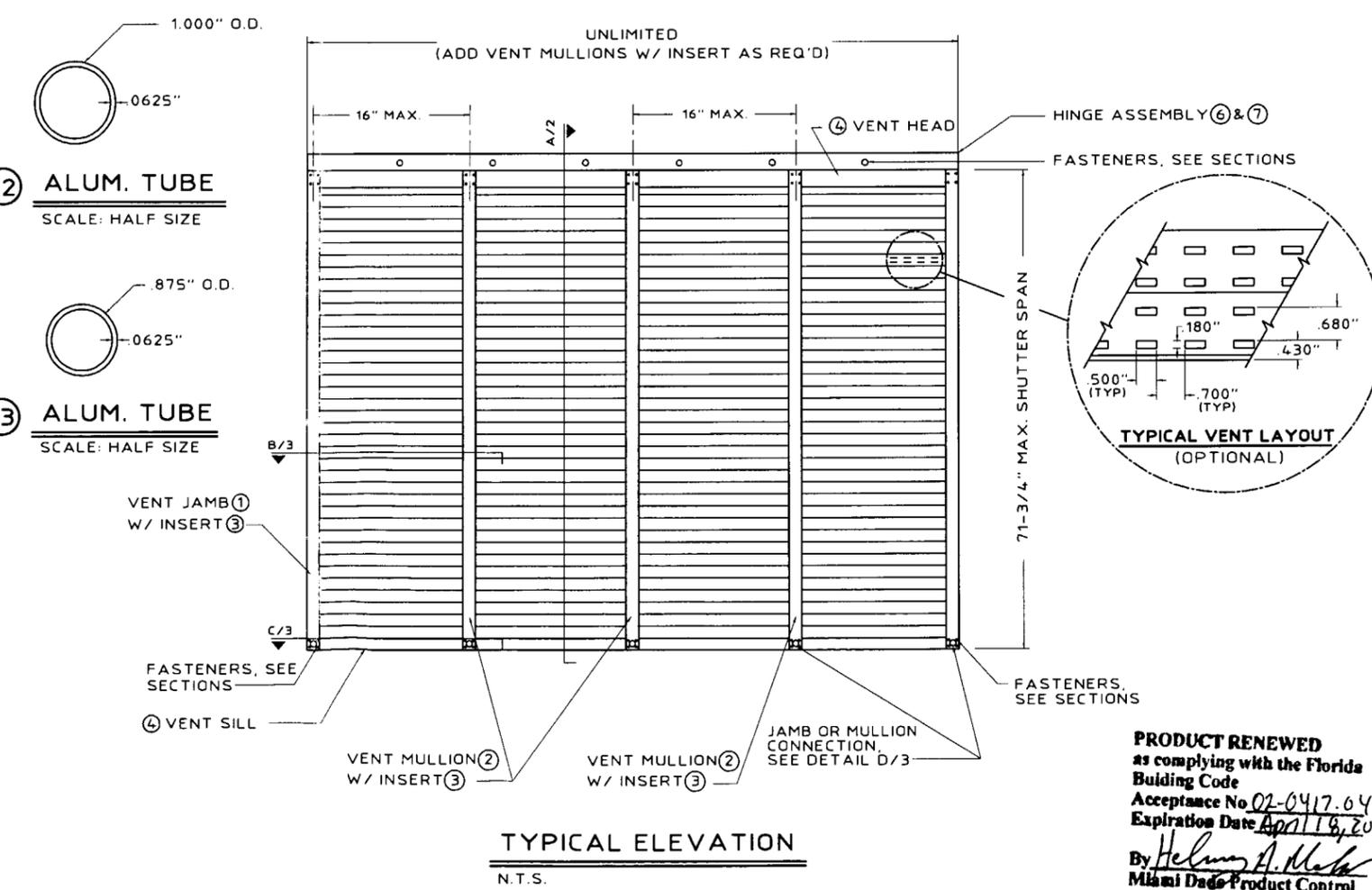
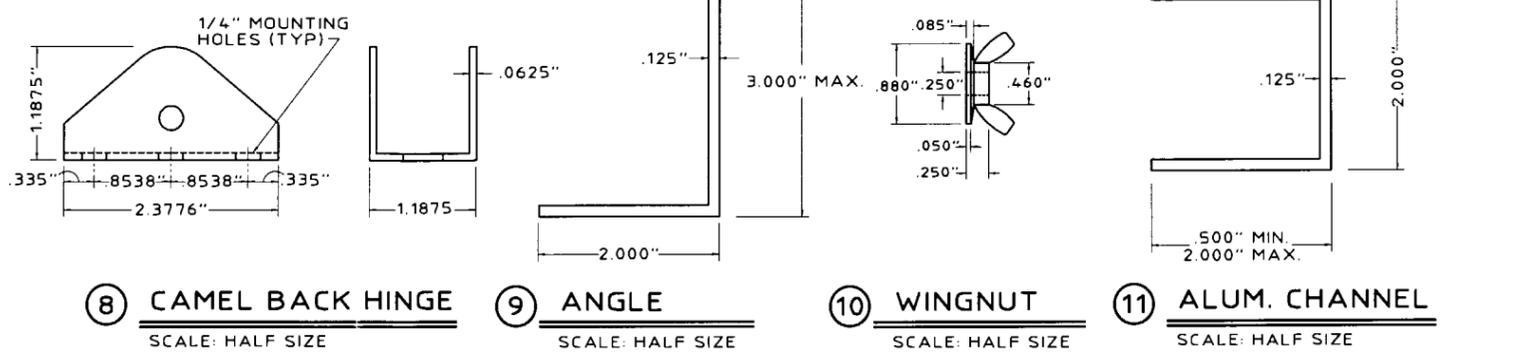
JUL 03 2002

no.	date	description
1	03/22/99	PREV. DRAWING No. 94-19
2	04/05/02	AS NEW GENERAL NOTES
3	07/03/02	AS GENERAL NOTES

date 03/22/99
 scale AS NOTED
 design by VJK
 checked by VJK
 drawing no. 99-121
 sheet 1 of 3



- 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 +66.0 PSF
 NEGATIVE DESIGN LOAD -72.0 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:
THE HURRI DOWN BAHAMA SHUTTER
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED
MANUFACTURED BY ALL WEATHER CONTROL, INC.
HOLLYWOOD, FL. 1-800-432-3714
 - ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, U.O.N.
 - ALL SCREWS, BOLTS AND WASHERS TO BE 2024-T4 ALUMINUM ALLOY, STAINLESS STEEL, OR GALVANIZED STEEL WITH A 33 KSI MINIMUM YIELD STRENGTH. ALL POP RIVETS SHALL BE 1/8" DIAMETER STAINLESS STEEL OR 3/16" DIAMETER 5052-T6 ALUMINUM ALLOY.
 - THIS SHUTTER SHALL BE PROVIDED WITH A PERMANENT LABEL INSTRUCTING THE OWNER OR TENANT TO CLOSE AND FASTEN THE SHUTTER TO THE WALL DURING PERIODS OF TIME THAT ARE DESIGNATED BY THE US WEATHER BUREAU AS BEING A HURRICANE WARNING OR ALERT.



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 02-0417.04
 Expiration Date April 19, 2007
 By *Helmut A. Meier*
 Miami Dade Product Control
 Division



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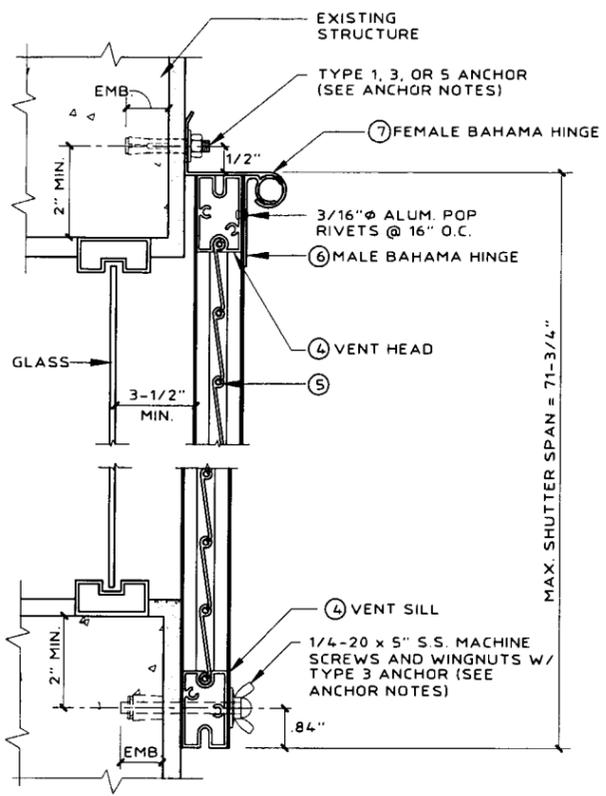
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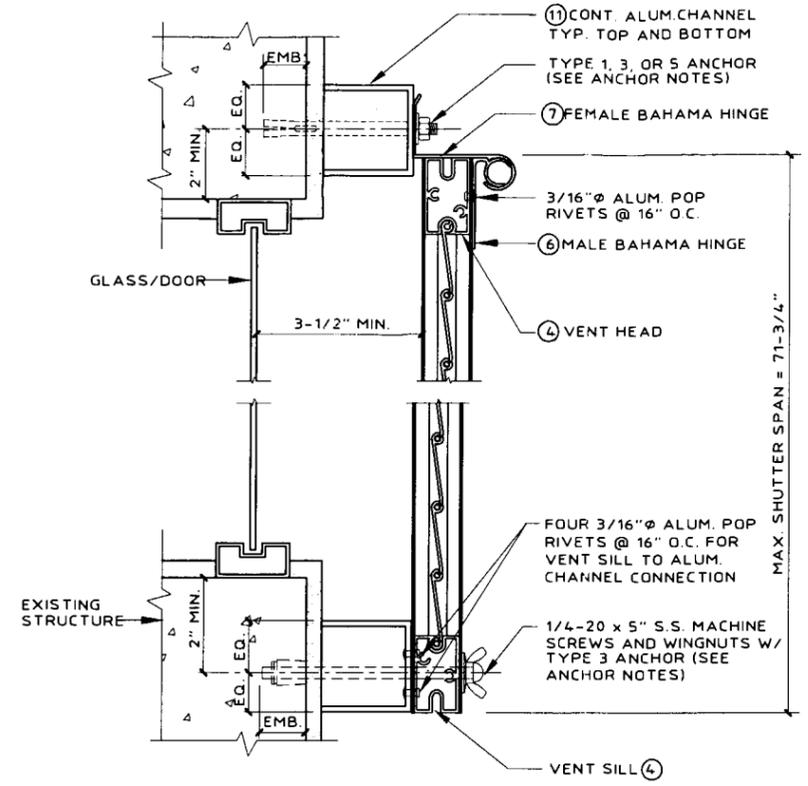
JUL 03 2002

NO.	DATE	BY	DESCRIPTION
1	03/22/99	VJK	PREV. DRAWING NO. 94-1093
2	04/05/02	AS	NEW GENERAL NOTES
3	07/03/02	AS	GENERAL NOTES

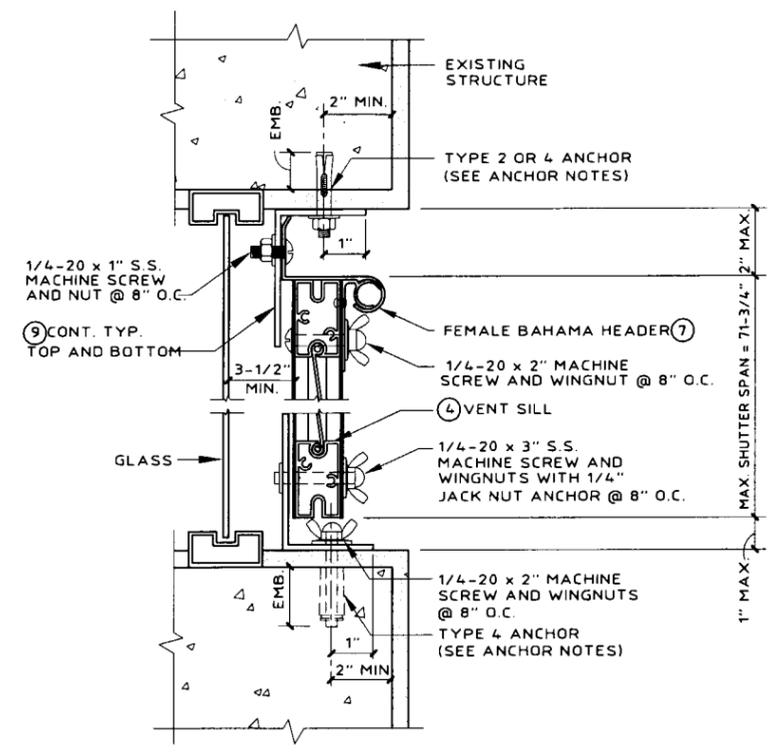
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scale	AS NOTED
design by	VJK
checked by	VJK
drawing no.	99-121
sheet	2 of 3



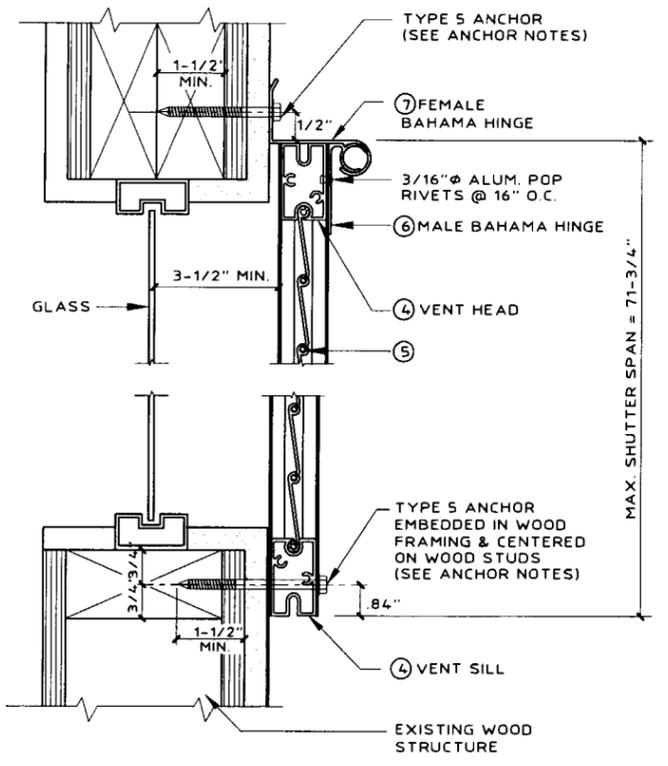
A1 WALL MOUNT SECTION
 SCALE: 3" = 1'-0"



A2 BUILD OUT SECTION
 SCALE: 3" = 1'-0"



A3 FLOOR TO CEILING SECTION
 SCALE: 3" = 1'-0"



A4 WALL MOUNT SECTION
 SCALE: 3" = 1'-0"

ANCHOR NOTES:

- ANCHOR TYPE 1: 1/4" ITW SLEEVE ANCHOR W/ 1-1/4" EMBEDMENT @ 16" O.C. IN CONCRETE AND 13" O.C. IN HOLLOW BLOCK.
- ANCHOR TYPE 2: 1/4" ITW SLEEVE ANCHOR W/ 1-1/4" EMBEDMENT @ 8" O.C. IN CONCRETE AND 8" O.C. IN HOLLOW BLOCK.
- ANCHOR TYPE 3: 1/4" ITW RAWL CALK-IN W/ 7/8" EMBEDMENT @ 16" O.C. IN CONCRETE AND 9" O.C. IN HOLLOW BLOCK.
- ANCHOR TYPE 4: 1/4" ITW RAWL CALK-IN W/ 7/8" EMBEDMENT @ 8" O.C. IN CONCRETE AND 8" O.C. IN HOLLOW BLOCK.
- ANCHOR TYPE 5: 1/4" S.S. LAG SCREW W/ 1-1/2" PENETRATION @ 16" O.C. IN WOOD FRAMING.

PRODUCT RENEWED
 as complying with the Florida
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 Acceptance No 02-0417.04
 Expiration Date April 18, 2007
 By *Heather A. Mark*
 Miami Dade Product Control
 Division



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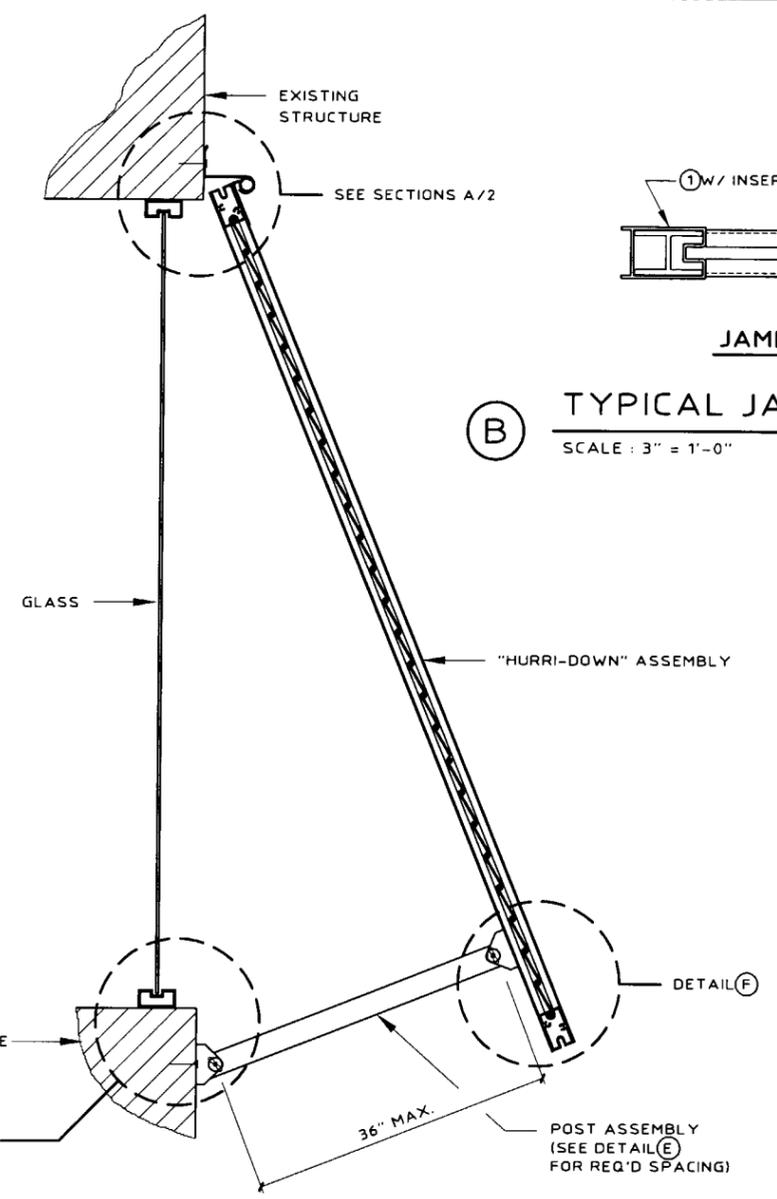
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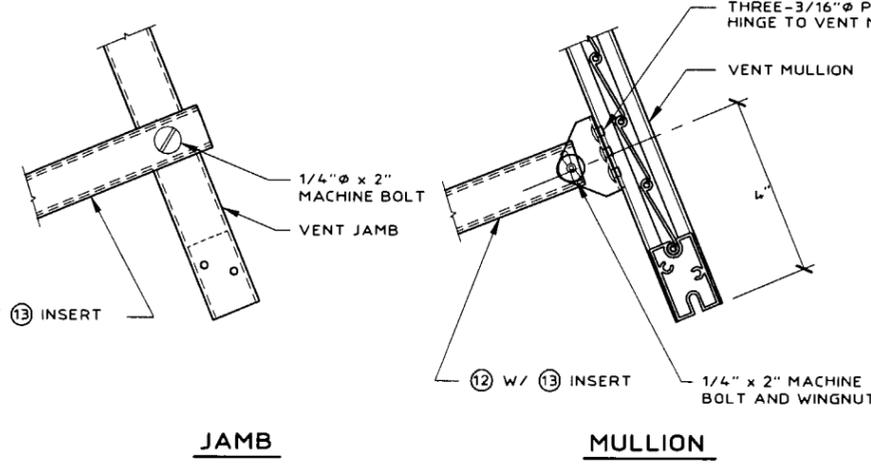
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2	04/05/02	AS	NEW GENERAL NOTES
3	07/03/02	AS	GENERAL NOTES

date	03/22/99
scale	AS NOTED
AS NOTED	drawn by MC
design by VJK	checked by VJK
drawing no.	99-121
sheet	3 of 3

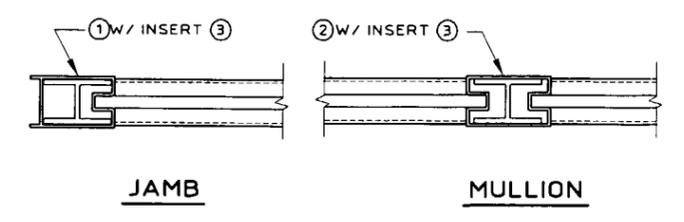
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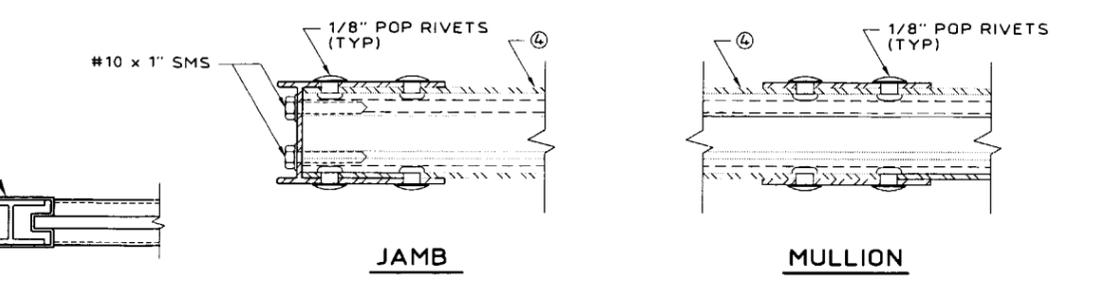
(A) TYPICAL OPEN POSITION
 SCALE: 1-1/2" = 1'-0"



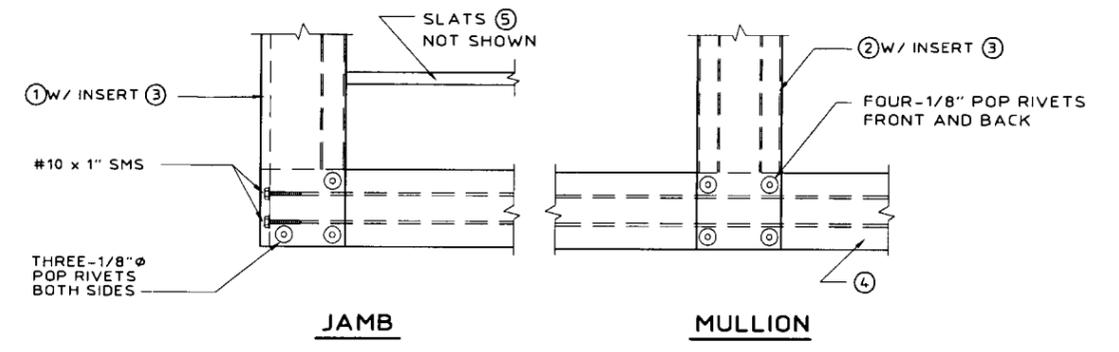
(F) TYPICAL SUPPORT POST CONNECTION DETAIL
 SCALE: 3" = 1'-0"



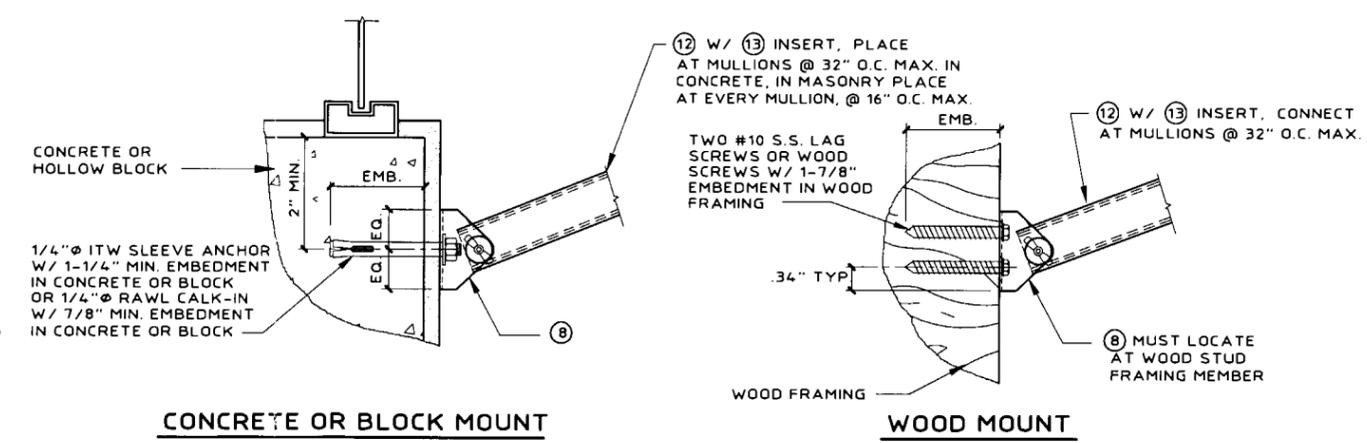
(B) TYPICAL JAMB OR MULLION SECTION
 SCALE: 3" = 1'-0"



(C) TYPICAL JAMB OR MULLION CONNECTION TO VENT HEAD & SILL SECTION
 SCALE: HALF SIZE



(D) TYPICAL JAMB OR MULLION CONNECTION DETAIL
 SCALE: 3" = 1'-0"



(E) TYPICAL SUPPORT POST MOUNTING DETAIL
 SCALE: 3" = 1'-0"