



**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 Co., Inc.
6865 N.W. 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 Bahama Sun Shade (This is NOT a Shutter)

APPROVAL DOCUMENT: Drawing No. 03-206, titled "Shade Bahama", sheets 1 through 3 of 3, prepared by Knezevich & Associates, Inc., dated October 12, 2003, last revision #1 dated March 04, 2004, signed and sealed by V.J. Knezevich, P.E., 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.

MISSILE IMPACT RATING: NONE

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 consists of this page 1, evidence submitted page(s) as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E.**



Helmy A. Makar
04/01/04

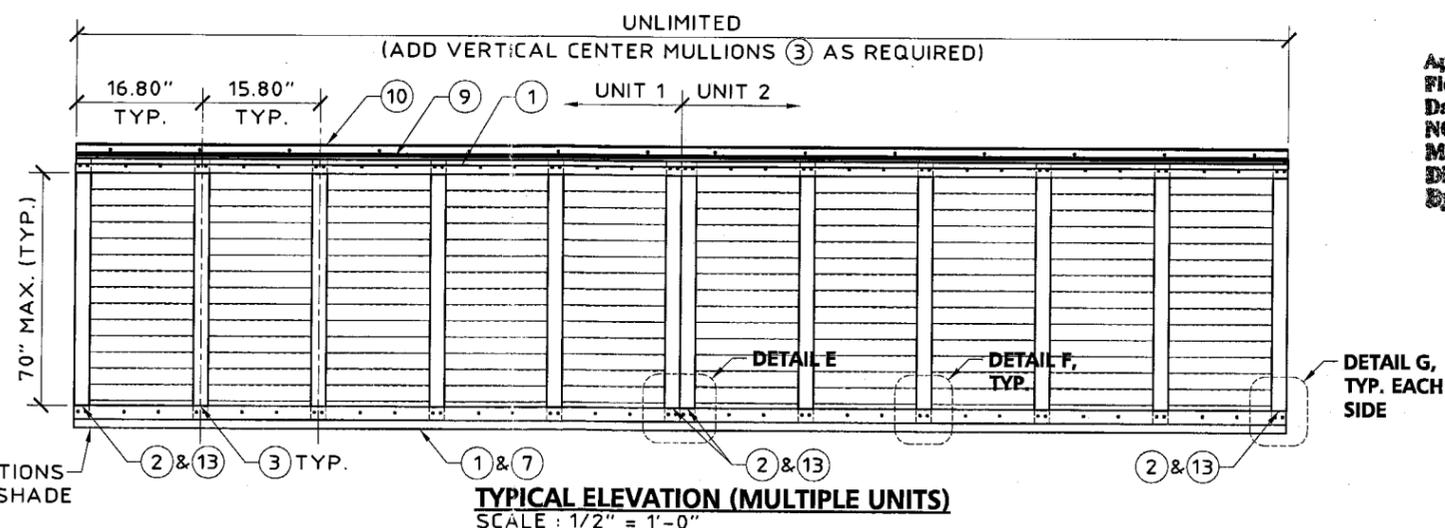
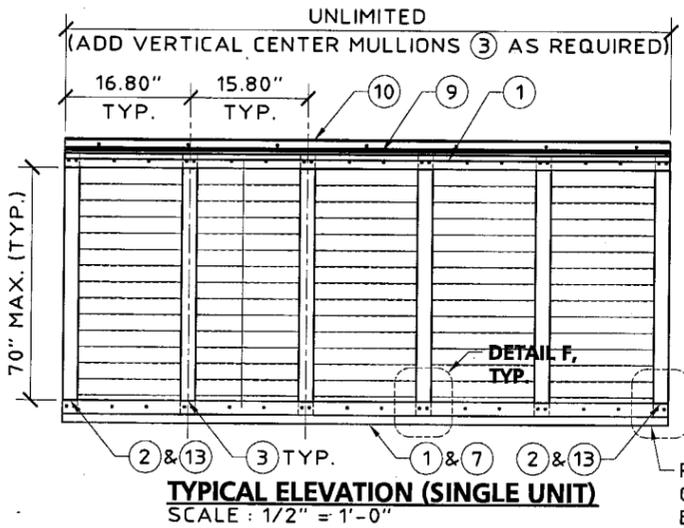
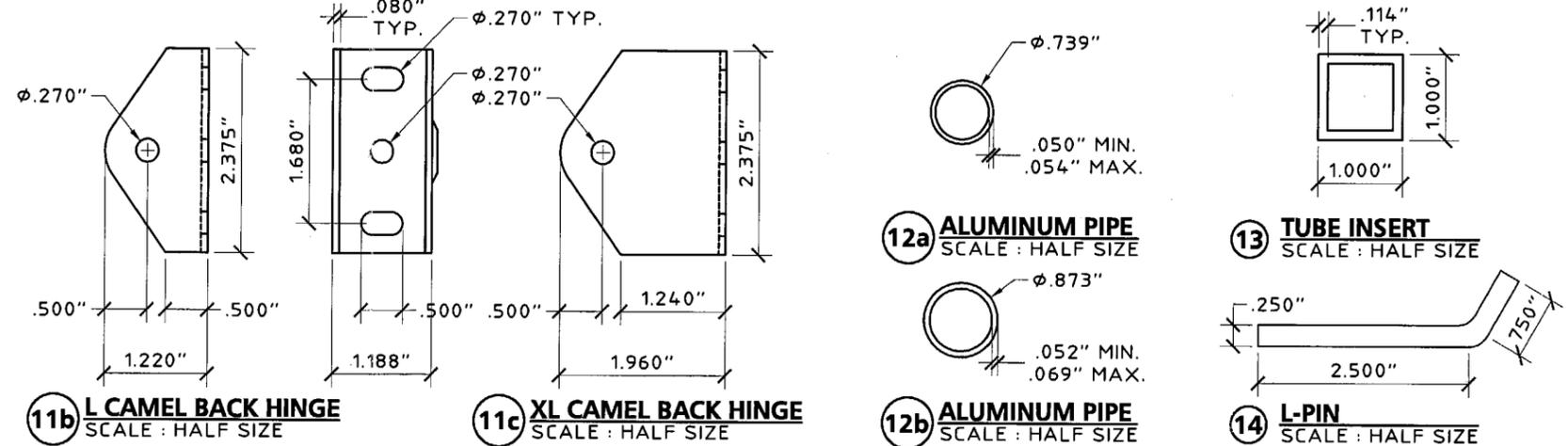
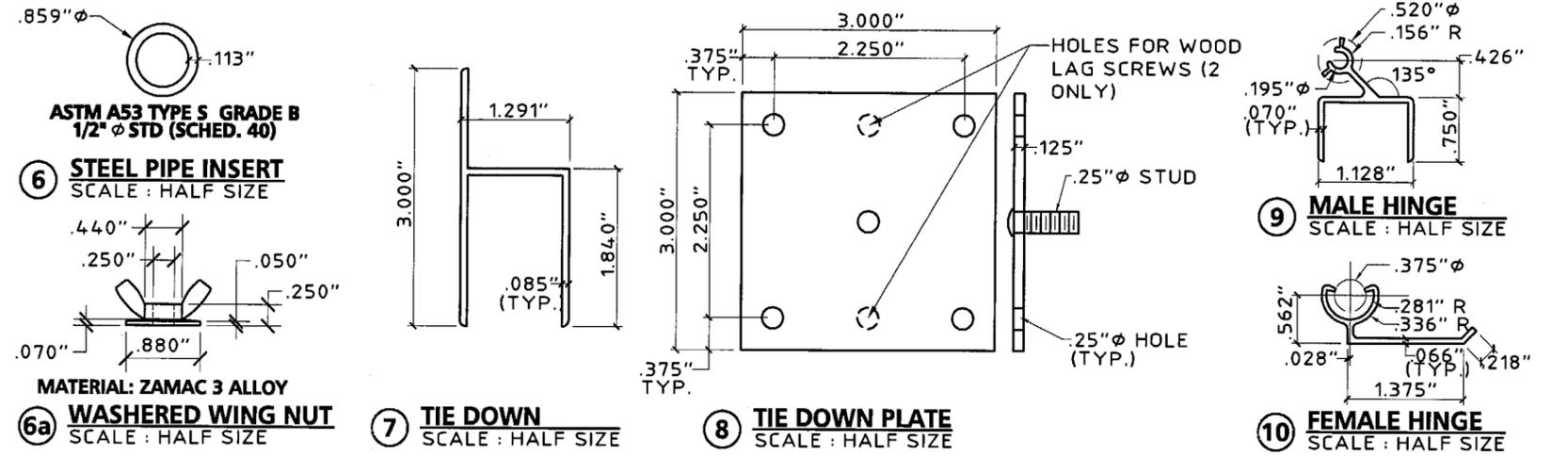
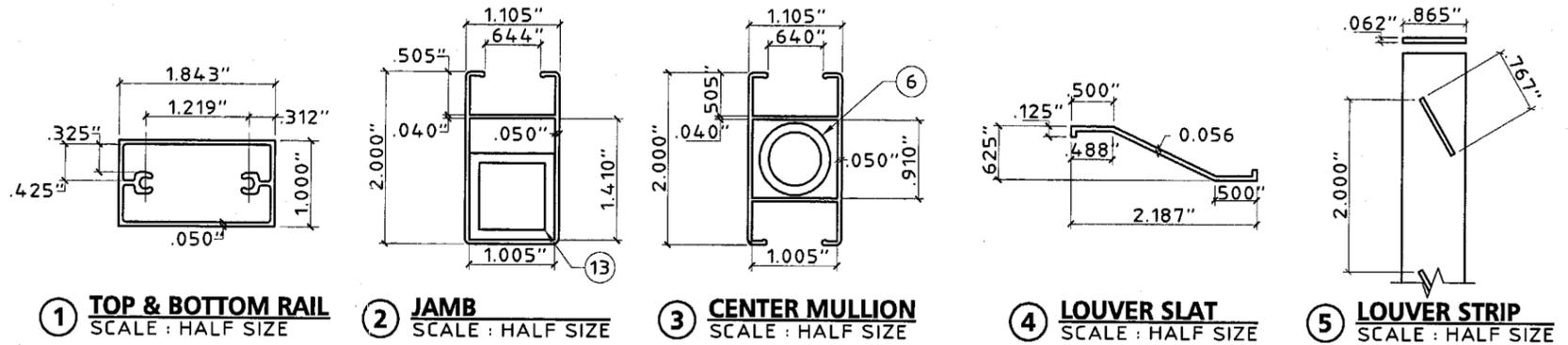
**NOA No 03-1030.03
Expiration Date: 04/01/2009
Approval Date: 04/01/2004**

Print Information: \\hurricane\ka\CADD\Cadd03\HurstonAwningCo\03-206-R1-resub\03-206-01.dwg MContu 03/15/2004 03:13:33pm 03/15/04 15:13

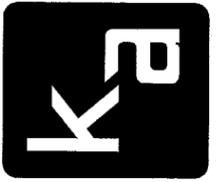
GENERAL NOTES:

- THESE APPROVAL DOCUMENTS REPRESENT A SHADE BAHAMA 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) AND THE NON-HVHZ OF THE FLORIDA BUILDING CODE.
- AN ALLOWABLE LOAD INCREASE HAS NOT BEEN USED IN THE DESIGN OF THE SPACINGS OF THE ANCHORS IN THIS APPROVAL.
- 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 $K_d = 0.85$ MAY BE USED.
- THESE APPROVAL DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS SHADE BAHAMA SYSTEM.
- THESE APPROVAL DOCUMENTS ARE TO 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:
 - REQUIRE THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION.
 - 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.
- THIS SHADE BAHAMA SYSTEM HAS A MAXIMUM PERFORMANCE RATING OF:
 CLOSED POSITION & OPEN POSITION:
 POSITIVE DESIGN LOAD +62.4 P.S.F.
 NEGATIVE DESIGN LOAD -72.8 P.S.F.
- PRODUCT MARKINGS SHALL BE A MIN. OF ONE PER SHADE BAHAMA AND SHALL BE LABELED AS FOLLOWS:

HURST AWNING CO., INC.
MIAMI, FLORIDA
MIAMI-DADE COUNTY PRODUCT APPROVAL
- 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 K.S.I. MINIMUM YIELD STRENGTH. ALL POP RIVETS SHALL BE 3/16" DIAMETER 5052-T6 ALUMINUM ALLOY.
- THIS SHADE BAHAMA SHALL BE PROVIDED WITH A PERMANENT LABEL STATING THAT THE SHADE BAHAMA IS NOT DESIGNED TO PROVIDE IMPACT RESISTANCE AND THAT THE SYSTEM IS NOT APPROVED NOR DESIGNED AS A SHUTTER. THIS SHADE BAHAMA MAY BE LEFT IN THE OPEN OR CLOSED POSITION DURING A HURRICANE.
- THIS BAHAMA SHADE SHALL NOT BE INSTALLED ON ANY OPENING WITH POSITIVE AND/OR NEGATIVE DESIGN PRESSURES THAT EXCEED +62.4 P.S.F. / -72.8 P.S.F. THE CALCULATED POSITIVE AND NEGATIVE PRESSURES ON EACH OPENING SHALL BE BASED ON FULL HURRICANE WIND SPEED FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AND THE NON-HVHZ OF THE FLORIDA BUILDING CODE.



Approved as complying with the Florida Building Code
 Date 04/01/2004
 NOA# 03-1030-03
 Miami Dade Product Control
 Division
 By Helmut H. Moller



Knezevich & Associates, Inc.
 Consulting Engineers • Product Testing
 330 N. Andrews Ave., Suite 450 • Ft. Lauderdale, FL 33301
 Tel. (954) 522-3690 • Fax (954) 522-3691 • COA # 3205
 Website: www.knezevich.com • E-mail: KA@knezevich.com
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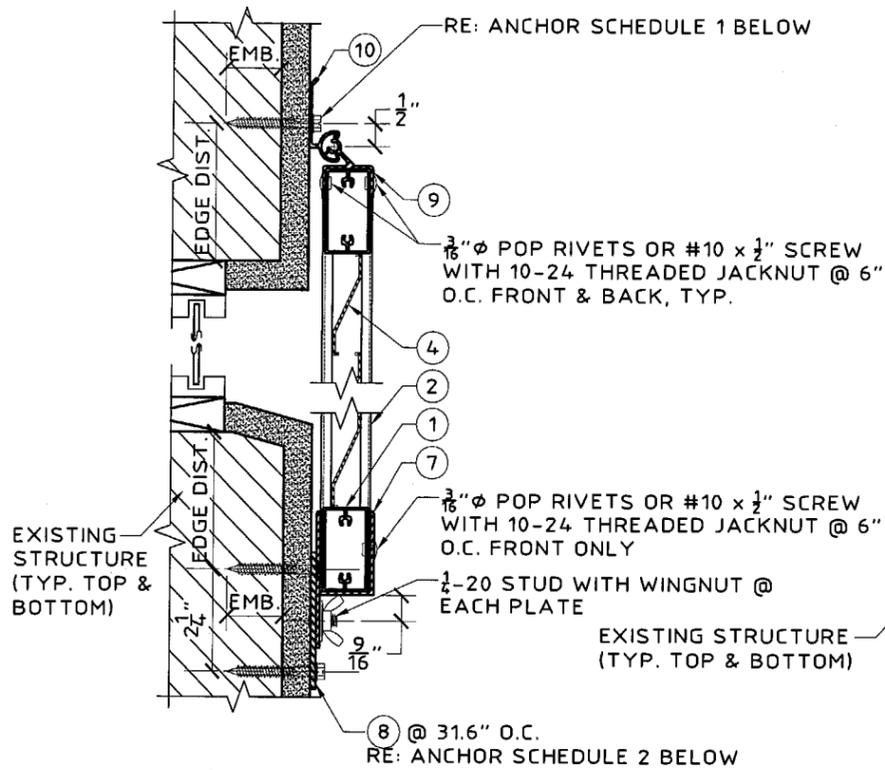
SHADE BAHAMA
 Manufacturers of Hurricane & Security Protection Products
 6865 N.W. 36th Avenue
 Miami, Florida 33147
 Phone: (305) 635-0900
 Toll Free: (800) 327-0905
 Fax: (305) 634-9078
HURST AWNING COMPANY, INC.
 "QUALITY SERVICE SINCE 1967"

V.J. Knezevich
 Professional Engineer
 FL License No.: PE 0010983

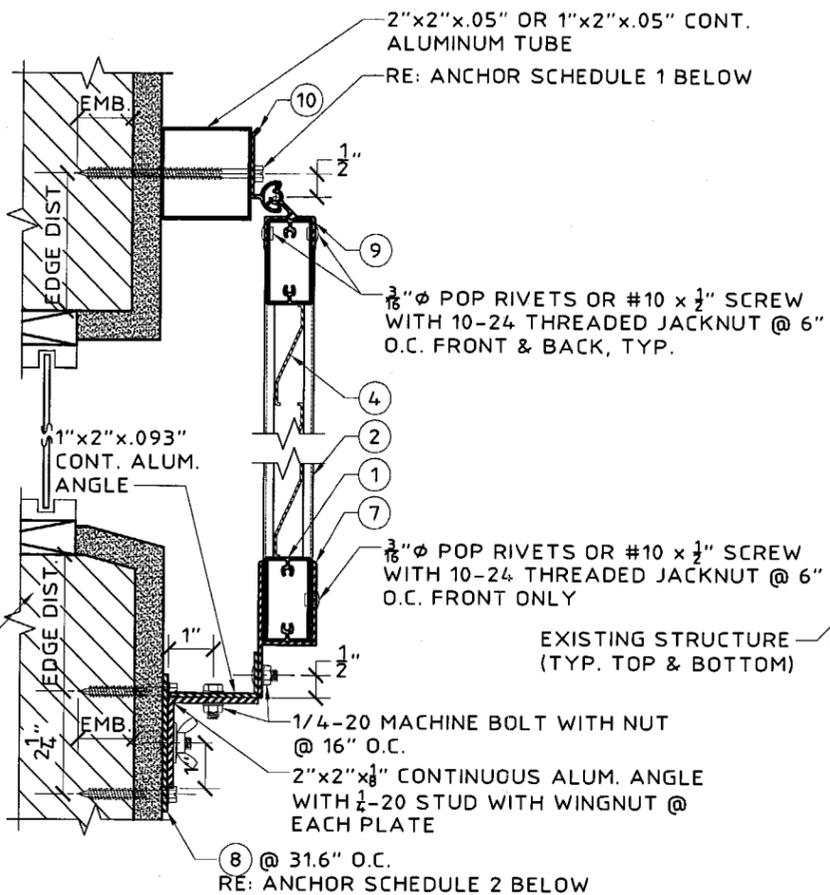
MAR 04 2004

no.	date	by	description
1	03/02/04	VJK	COUNTY COMMENTS

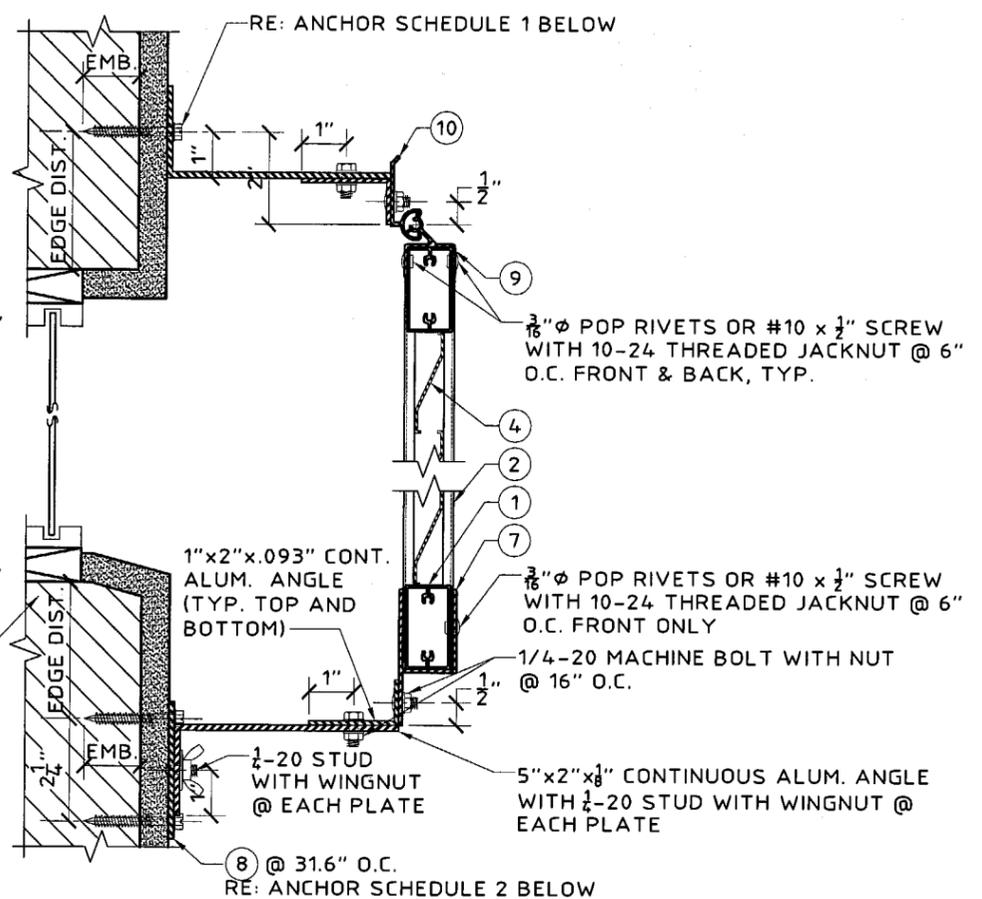
date 10/12/2003
 scale AS NOTED
 drawing no. **03-206**
 sheet 1 of 3



A TYPICAL CLOSED POSITION WALL MOUNT SECTION
SCALE: 3" = 1'-0"

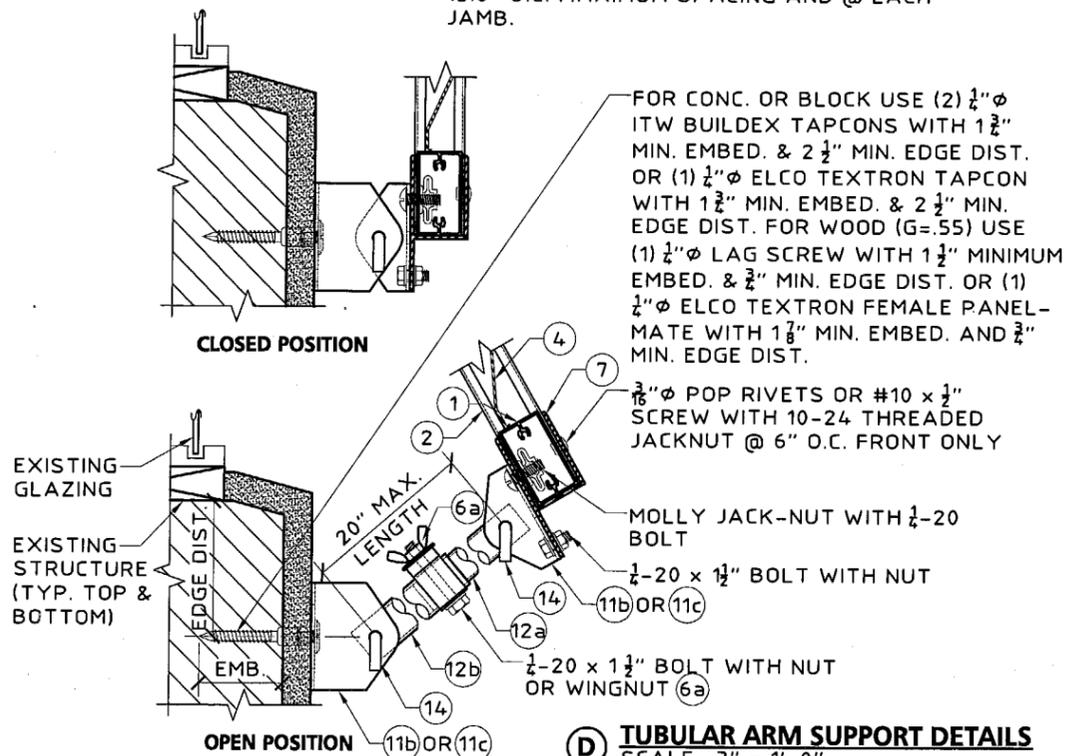


B TYPICAL CLOSED POSITION 2" BUILD-OUT MOUNT SECTION
SCALE: 3" = 1'-0"



C TYPICAL CLOSED POSITION 5" BUILD-OUT MOUNT SECTION
SCALE: 3" = 1'-0"

NOTE:
ALUMINUM PIPES (REMOVABLE) AND CAMEL
BACK HINGE (11b OR 11c) ASSEMBLY @
15.8" O.C. MAXIMUM SPACING AND @ EACH
JAMB.

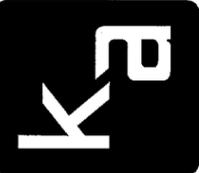


D TUBULAR ARM SUPPORT DETAILS
SCALE: 3" = 1'-0"

ANCHOR SCHEDULE 1 (TOP CONNECTION FOR SECTIONS A, B & C)				
EXIST. STRUCT.	ANCHOR TYPE	SPACING	MIN. EDGE DISTANCE	MIN. EMBED.
CONCRETE	1/2" ITW BUILDDEX	12" O.C.	2"	1 3/4"
	1/2" ELCO TEXTRON	12" O.C.	2 1/2"	1 3/4"
GROUT FILLED BLOCK	1/2" ITW BUILDDEX	12" O.C.	2"	1 3/4"
	1/2" ELCO TEXTRON	12" O.C.	2 1/2"	1 3/4"
WOOD (G=.55)	1/2" LAG SCREW	12" O.C.	3"	1 1/2"
	1/2" ELCO TEXTRON FEMALE PANELMATE	12" O.C.	3"	1 7/8"

ANCHOR SCHEDULE 2 (BOTTOM CONNECTION FOR SECTIONS A, B & C)				
EXIST. STRUCT.	ANCHOR TYPE	QTY.	MIN. EDGE DISTANCE	MIN. EMBED.
CONCRETE	1/2" ITW BUILDDEX	4	3"	1 3/4"
	1/2" ELCO TEXTRON	4	2 1/2"	1 3/4"
GROUT FILLED BLOCK	1/2" ITW BUILDDEX	4	3"	1 3/4"
	1/2" ELCO TEXTRON	4	2 1/2"	1 3/4"
WOOD (G=.55)	1/2" LAG SCREW	2	3"	1 1/2"
	1/2" ELCO TEXTRON FEMALE PANELMATE	2	3"	1 7/8"

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Date 04/01/2004
NOAH 03-1030-03
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Tel. (954) 522-3690 • Fax (954) 522-3691 • COA # 3205
Website: www.knezevich.com • E-mail: KA@knezevich.com
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V.J. Knezevich
Professional Engineer
FL License No.: PE 0010983

MAR 4 2004

no.	date	description	COUNTY COMMENTS
1	03/04/04/VJK		

date 10/12/2003
scale AS NOTED drawn by MCR
design by VJK checked by VJK
drawing no. 03-206
sheet 2 of 3

