



**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)

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

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: 0.063" Aluminum Storm Panel

APPROVAL DOCUMENT: Drawing No. 96-47, titled "0.063" Aluminum Storm Panel", sheets 1 through 3 of 3, prepared by Knezevich & Associates, Inc., dated 3/25/96, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and approval 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 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.

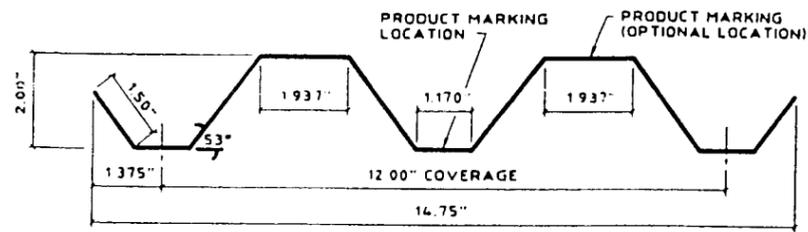
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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.

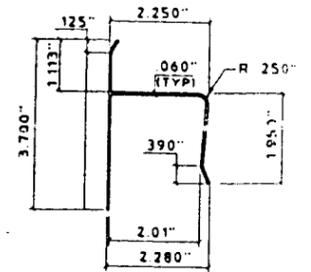
This NOA **renews NOA #99-0219.01** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**



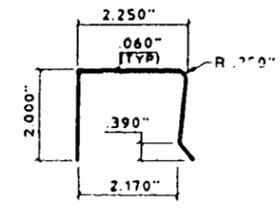
**NOA No 02-0417.06
Expiration Date: April 18, 2007
Approval Date: May 16, 2002
Page 1**



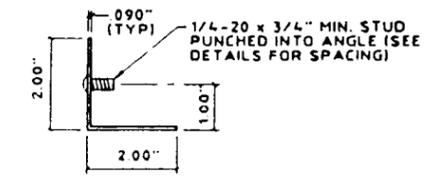
① **STORM PANEL**
SCALE: 1/4" = 0'-1"



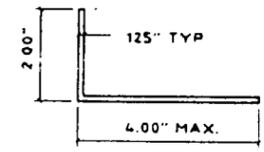
② **"h" HEADER**
SCALE: 1/4" = 0'-1"



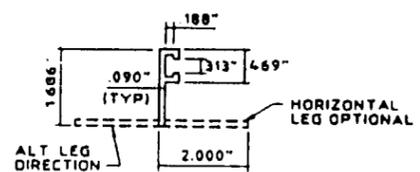
③ **"U" HEADER**
SCALE: 1/4" = 0'-1"



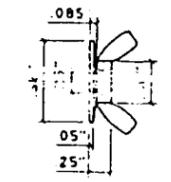
④ **STUDED ANGLE**
SCALE: 1/4" = 0'-1"



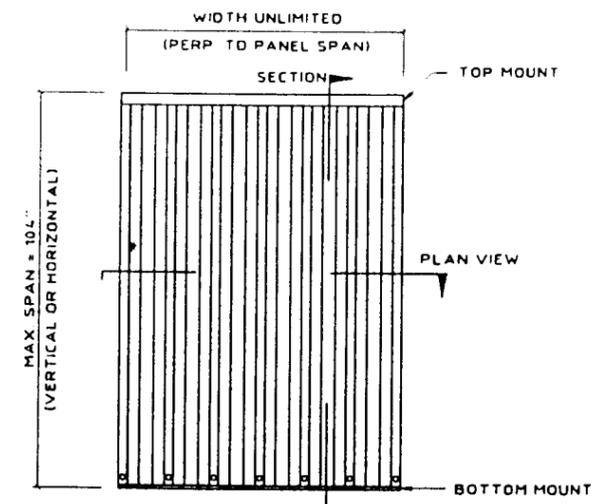
⑤ **ANGLE**
SCALE: 1/4" = 0'-1"



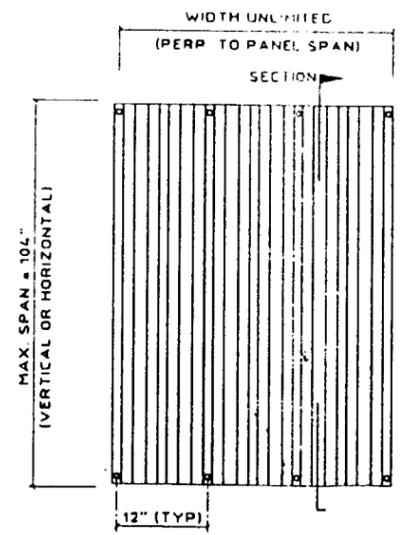
⑥ **OPTIONAL ANGLE**
SCALE: 1/4" = 0'-1"



⑦ **WINGNUT**
SCALE: HALF SIZE



⑧ **TYPICAL ELEVATION**



⑨ **TYPICAL ELEVATION - DIRECT MOUNT**

GENERAL NOTES:

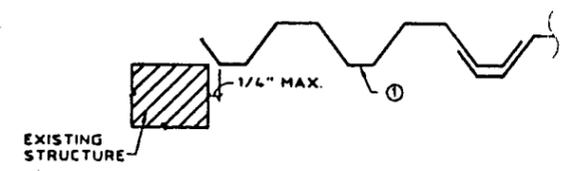
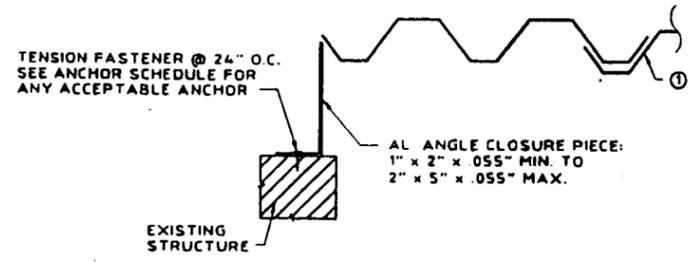
- THIS SHUTTER SYSTEM IS DESIGNED IN ACCORDANCE WITH THE SOUTH FLORIDA BUILDING CODE, 1994 EDITION, AND THE 1994 BROWARD COUNTY EDITION.
- POSITIVE AND NEGATIVE DESIGN PRESSURE CALCULATIONS SHALL BE PERFORMED IN ACCORDANCE WITH ASCE 7-88 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES". TABLES SHALL BE REFERENCED AT APPROPRIATE DESIGN LOADS.
- STORM PANELS SHALL BE 5052-H36 ALUMINUM ALLOY, 0.063" THICK, WITH AN F_y (BEFORE ROLLING) OF 29 KSI. EXTRUSIONS SHOWN SHALL BE 6063-T6 ALUMINUM U.O.N.
- PRODUCT MARKINGS SHALL BE WITHIN 12" OF ONE END OF THE PANEL WITH A MIN OF ONE MARKING PER PANEL AND SHALL BE LABELED AS FOLLOWS:

POMA CORPORATION
WEST PALM BEACH, FL
DADE COUNTY PROD. APPROD.
- ALL BOLTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MINIMUM F_y = 33 KSI.
- TOP & BOTTOM DETAILS SHOWN MAY BE INTERCHANGED AS FIELD CONDITIONS DICTATE. PANELS MAY BE MOUNTED HORIZONTALLY WHERE APPLICABLE.
- THE DETAILS AND SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED FOR IMPACT, CYCLIC AND UNIFORM STATIC AIR PRESSURE LOADINGS IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA 201, 202 AND 203.

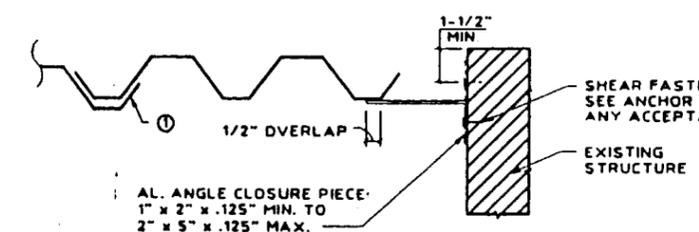
-POSITIVE DESIGN LOAD 68 PSF
-NEGATIVE DESIGN LOAD 85 PSF
- DESIGN IS BASED ON CTC TEST REPORT No. 96-008 DATED 2-16-96.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-0417-06
Expiration Date 04/18/07
By *[Signature]*
Miami Dade Product Control
Division

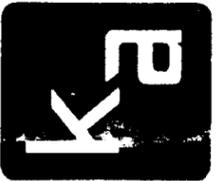
PRODUCT RENEWED
ACCEPTANCE No. 99-0219-01
EXPIRATION DATE APRIL 18-2002
By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE



PLAN VIEW
SCALE: 1-1/2" = 1'-0"



APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE APRIL 18 1996
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0717-06

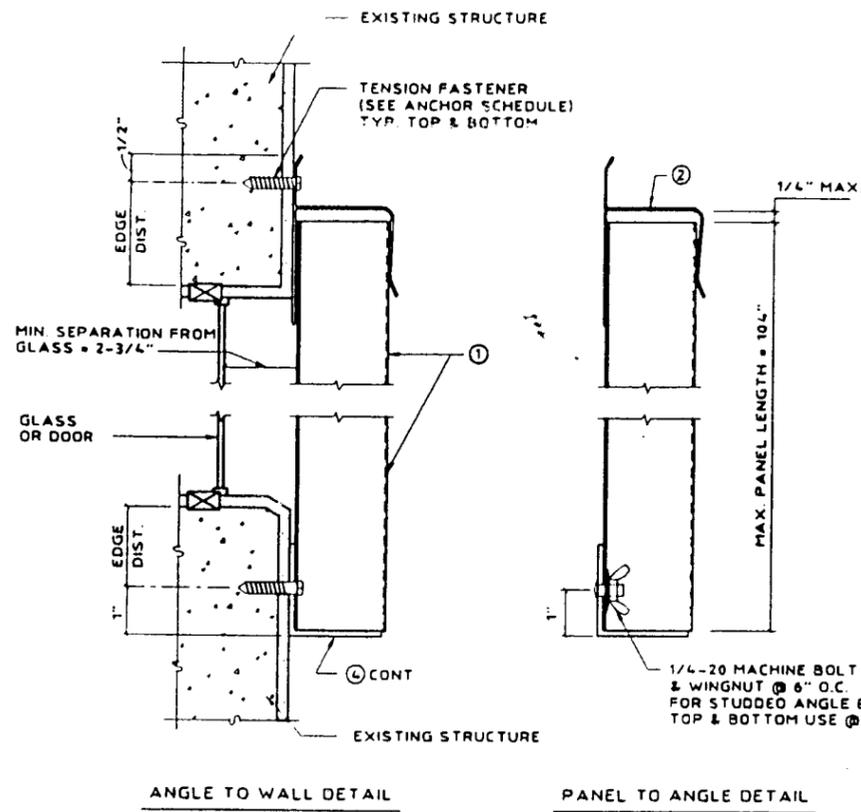


KNEZEVICH & ASSOCIATES, INC.
CONSULTING ENGINEERS & PRODUCT TESTING
641 HOKENA DRIVE
MIAMI SPRINGS, FL 33166
PHONE (305) 883-5571
FAX (305) 883-9572
2701 W. OAKLAND PK BLVD
SUITE 240
FT. LAUDERDALE, FL 33311
PHONE (305) 677-9500
COPYRIGHT 1996 KNEZEVICH & ASSOCIATES, INC.

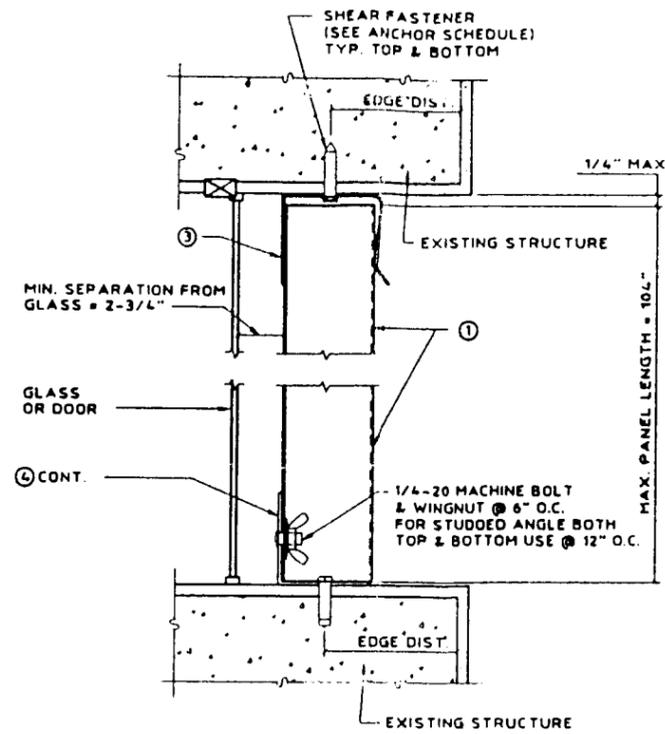
0.63" ALUMINUM STORM PANEL
90-0 Belvedere Road
West Palm Beach, FL 33411
(407) 790-5799
poma
CORPORATION

NO.	DATE	DESCRIPTION	LAB. COMMENTS	COUNT	COMMENTS
1	2/21/96				
2	3/25/96				

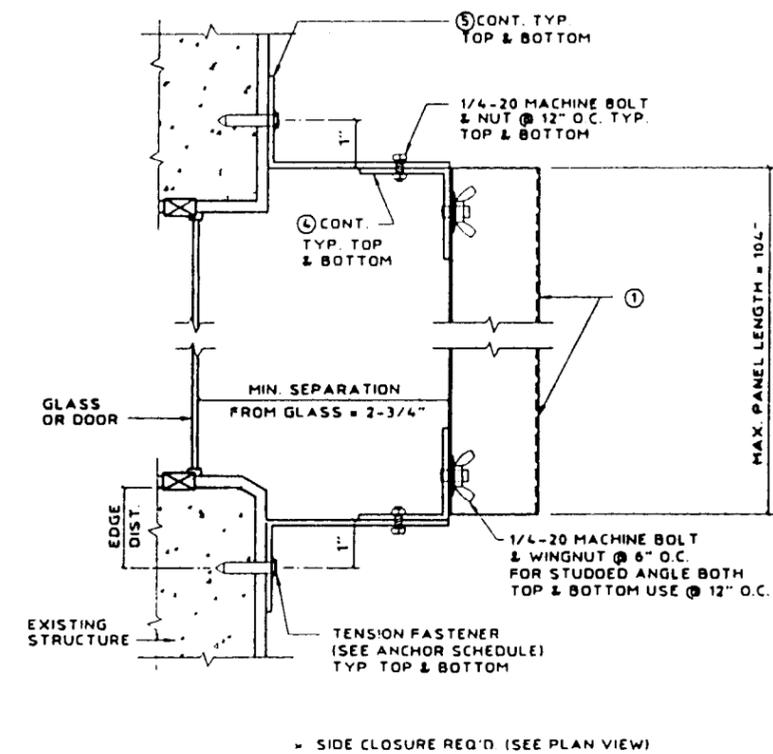
V.J. KNEZEVICH
PROFESSIONAL ENGINEER
FL License No
PE 00101883
MAR 26 1996
date 2/15/96
scale AS NOTED drawn by GG
design by VJK checked by VJK
drawing no 96-47
sheet 1 of 3



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

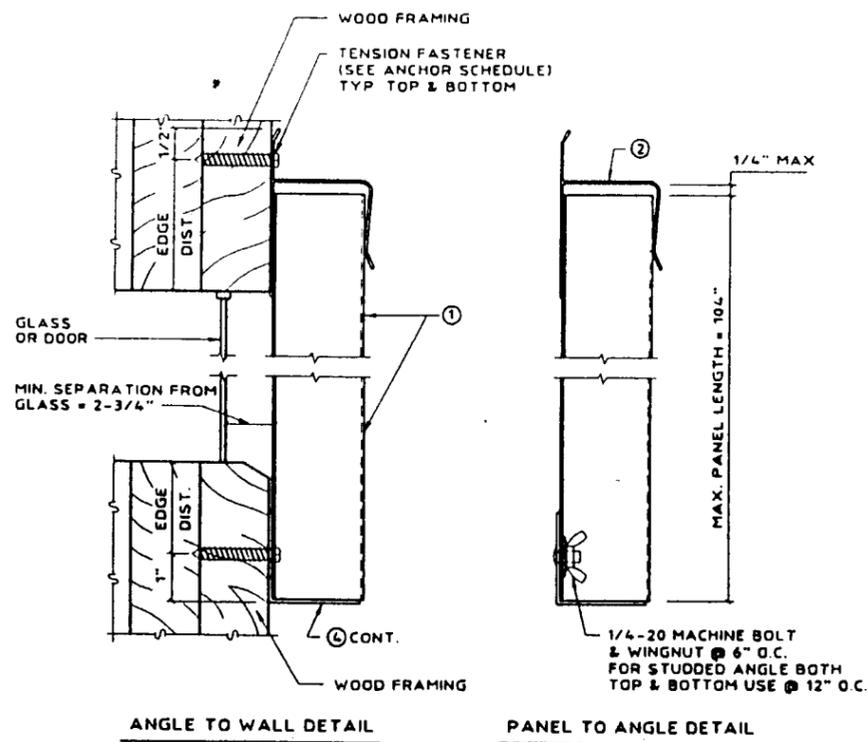


B CEILING/INSIDE MOUNT SECTION
SCALE: 3" = 1'-0"

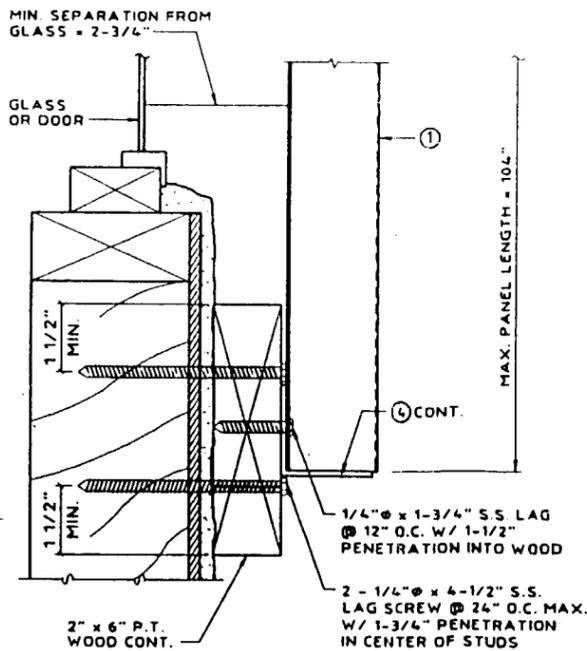


C BUILD-OUT MOUNT SECTION
SCALE: 3" = 1'-0"

NOTE: - HEADERS ② & ③ CANNOT BE USED IN COMBINATION WITH THIS DETAIL.
- SIDE CLOSURE REQ'D (SEE PLAN VIEW)

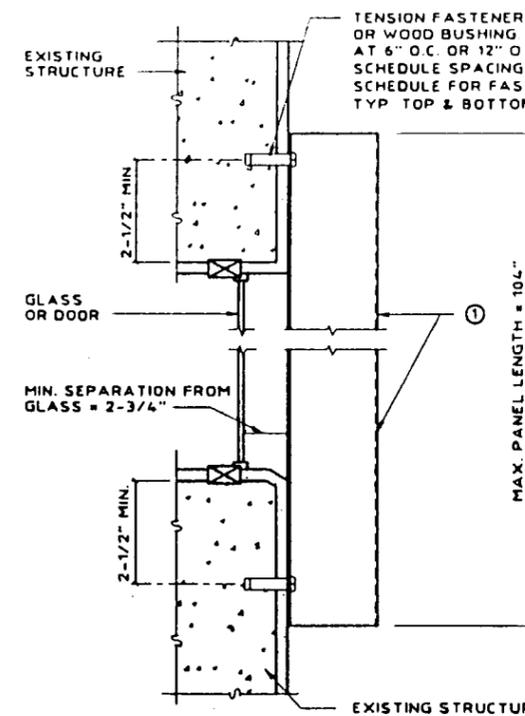


D WALL MOUNT SECTION
SCALE: 3" = 1'-0"



E WALL MOUNT SECTION (BOTTOM)
SCALE: 3" = 1'-0"

NOTE: THIS DETAIL MAY BE USED AT TOP OR BOTTOM OF PANELS.
NOTE: USE OF THIS DETAIL IS LIMITED TO ≤ 72 PSF.



F WALL MOUNT SECTION (DIRECT MOUNT)
SCALE: 3" = 1'-0"

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 02-0417.06
Expiration Date 04/17/07

By *[Signature]*
Miami Dade Product Control Division

PRODUCT RENEWED

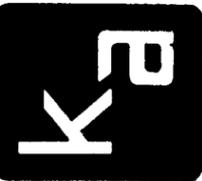
ACCEPTANCE No. 99-0219.01

EXPIRATION DATE APRIL 18-2002

By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE APR 11 1996

By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0717.06



KNEZEVICH & ASSOCIATES, INC.
CONSULTING ENGINEERS & PRODUCT TESTING
6411 HOKANA DRIVE SUITE 240
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PHONE (305) 883-9571
FAX (305) 883-9572
COPYRIGHT 1996 KNEZEVICH & ASSOCIATES, INC.

0.63" ALUMINUM STORM PANEL
Alpoma
CORPORATION
90-0 Belvedere Road
West Palm Beach, FL 33411
(407) 790-5799

no.	date	description
1	2/21/96	LAB COMMENTS
2	3/25/96	COMMENTS

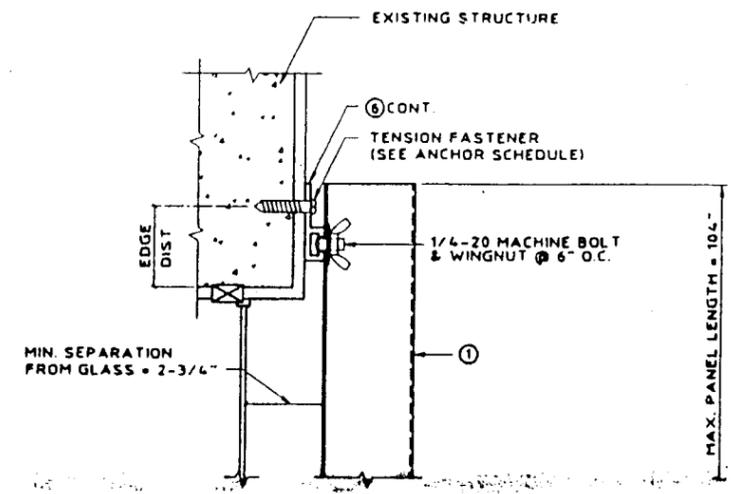
V.J. KNEZEVICH
PROFESSIONAL ENGINEER
FL License No. PE 001083

MAR 26 1996

date	2/15/96
scale	AS NOTED
drawn by	GD
design by	VJK
checked by	VJK
drawing no.	96-47
sheet	2 of 3



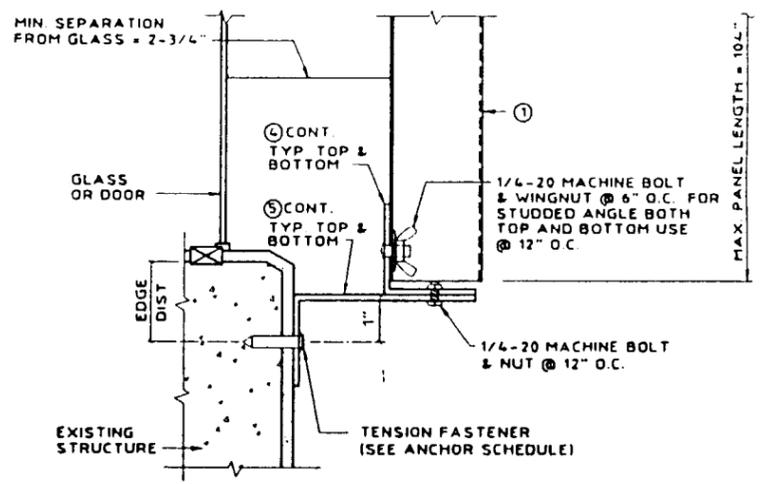
TENSION / SHEAR		ANCHOR SCHEDULE 2" EDGE DISTANCE									TENSION / SHEAR	
		FASTENER SPACING REQUIRED FOR VARIOUS DESIGN LOADS (INCHES)										
EXISTING STRUCTURE	CONCRETE											
ANCHOR DESCRIPTION	1/4" ITW TAPCON W/ 1-1/8" MIN. EMBEDMENT			1/4" RAWL ZAMAC NAIL-IN W/ 1-1/8" MIN. EMBEDMENT			1/4" RAWL CALK-IN W/ 7/8" MIN. EMBEDMENT					
LOAD (W) / SPAN (L)	47.5 PSF MAX.	62 PSF MAX.	85 PSF MAX.	47.5 PSF MAX.	62 PSF MAX.	85 PSF MAX.	47.5 PSF MAX.	62 PSF MAX.	85 PSF MAX.	47.5 PSF MAX.	62 PSF MAX.	85 PSF MAX.
5'-8" MAX.	12	12	12	12	12	12	10	12	12	12	12	11
8'-8" MAX.	12	11	8	12	9	7	12	12	10	12	12	7



NOTE: THIS CONNECTION MAY BE USED AT TOP OR BOTTOM OF PANELS.

(G) WALL MOUNT SECTION
SCALE: 3" = 1'-0"

TENSION / SHEAR		ANCHOR SCHEDULE 3" EDGE DISTANCE									TENSION / SHEAR	
		FASTENER SPACING REQUIRED FOR VARIOUS DESIGN LOADS (INCHES)										
EXISTING STRUCTURE	CONCRETE											
ANCHOR DESCRIPTION	1/4" ITW TAPCON W/ 1-1/8" MIN. EMBEDMENT			1/4" RAWL ZAMAC NAIL-IN W/ 1-1/8" MIN. EMBEDMENT			1/4" RAWL CALK-IN W/ 7/8" MIN. EMBEDMENT					
LOAD (W) / SPAN (L)	47.5 PSF MAX.	62 PSF MAX.	85 PSF MAX.	47.5 PSF MAX.	62 PSF MAX.	85 PSF MAX.	47.5 PSF MAX.	62 PSF MAX.	85 PSF MAX.	47.5 PSF MAX.	62 PSF MAX.	85 PSF MAX.
5'-8" MAX.	12	12	12	12	12	12	12	12	12	12	12	12
8'-8" MAX.	12	12	9	12	10	7	12	12	12	12	12	12



NOTE: THIS CONNECTION MAY BE USED AT TOP OR BOTTOM OF PANELS.

(H) ALT. BUILD-OUT MOUNT SECTION
SCALE: 3" = 1'-0"

- ANCHOR NOTES:**
- ENTER TABLE USING NEGATIVE DESIGN LOAD (W) AND SPAN (L) FOR SPECIFIC OPENING
 - MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES WALL FINISH OR STUCCO
 - WHERE LAG SCREWS FASTEN TO NARROW FACE OF STUD FRAMING, FASTENER SHALL BE LOCATED IN CENTER OF WOOD STUD.
 - ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 02-0417.06
Expiration Date 04/18/03

By *[Signature]*
Miami Dade Product Control Division

PRODUCT RENEWED
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
ACCEPTANCE No. 99-0219.01
EXPIRATION DATE APRIL 18-2002
DATE APRIL 18 1996

By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0717.06

KNEZEVICH & ASSOCIATES, INC.
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063" ALUMINUM STORM PANEL
9040 Belvedere Road
West Palm Beach, FL 33411
(407) 790-5799

Aluma
CORPORATION

REV.	DATE	BY	DESCRIPTION
1	2/21/96	L.S.B. COHEN/LS	AWSD/PT/OC
2	3/25/96	COHEN/LS	AWSD/PT/OC

V.J. KNEZEVICH
PROFESSIONAL ENGINEER
FL License No. PE 000783

[Signature]
MAR 26 1996

date 2/15/96
scale AS NOTED
design by VJK
checked by VJK
drawing no. 96-47
sheet 1 of 1