



**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)

**Alufab Hurricane Shutter, Inc.
13000 N.W. 38th Avenue
Opa-Locka, Florida 33054**

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: 0.0295" (min.) Galvanized Steel Storm Panels Shutter

APPROVAL DOCUMENT: Drawing No. 03-030, titled " 24 gage Steel Storm Panel ", sheets 1 through 6 of 6, prepared by Tilteco, Inc., dated February 06, 2003, last revision #1 dated February 06, 2003 bearing the Miami-Dade County Product Control Revision 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 panel 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.

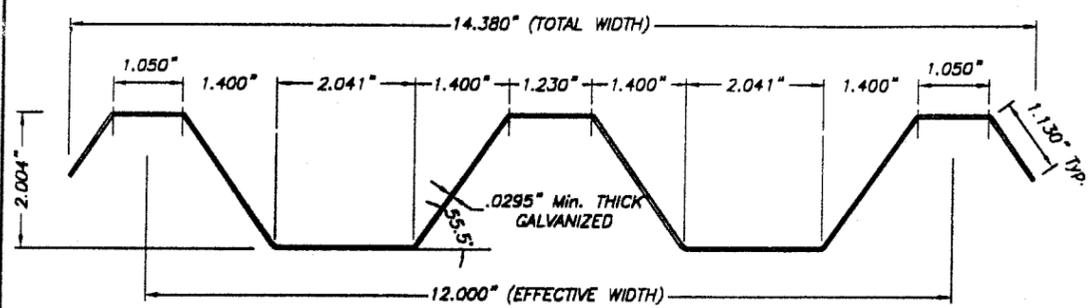
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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.

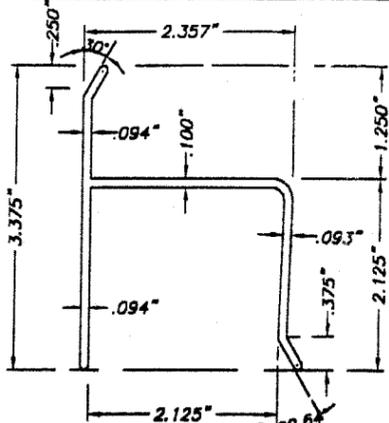
This NOA revises NOA # 01-0913.01 and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E.**



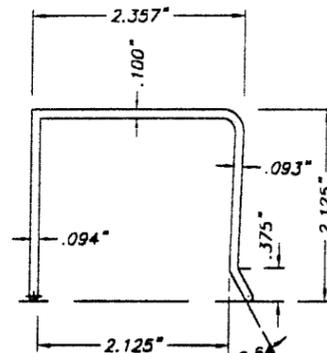
**NOA No 03-0225.02
Expiration Date: 11/22/2006
Approval Date: 04/10/2003
Page 1**



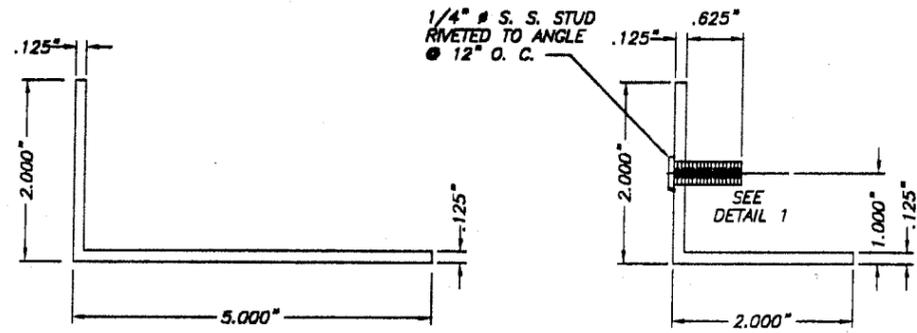
1 PANEL
SCALE: 1/2" = 1"



2 h HEADER
(6005-T5 ALUMINUM ALLOY)
SCALE: 1/2" = 1"

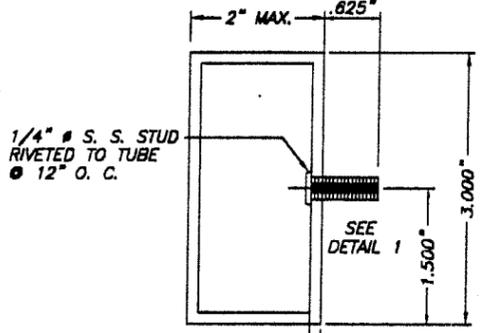


3 u HEADER
(6005-T5 ALUMINUM ALLOY)
SCALE: 1/2" = 1"

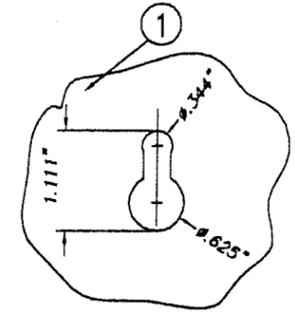


4 2"x5" (Max.) x .125" ANGLE
SCALE: 1/2" = 1"

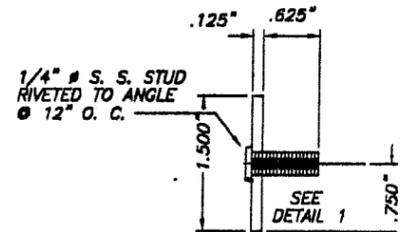
5 ANGLE WITH STUD
SCALE: 1/2" = 1"



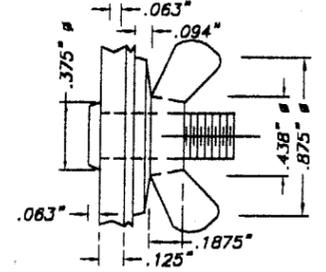
6 TUBE WITH STUD
SCALE: 1/2" = 1"



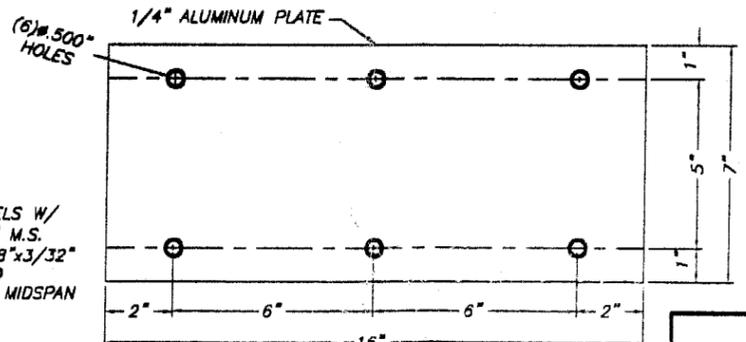
9 KEY HOLE AT PANEL



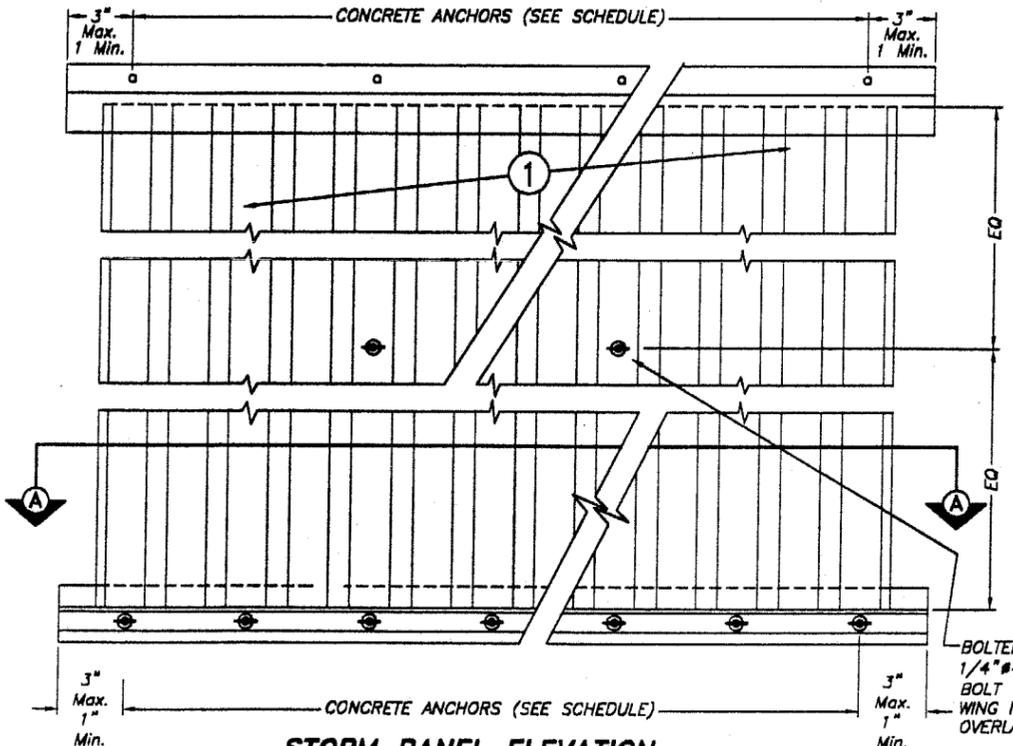
7 1/8"x1 1/2"xCONT. PLATE
SCALE: 1/2" = 1"



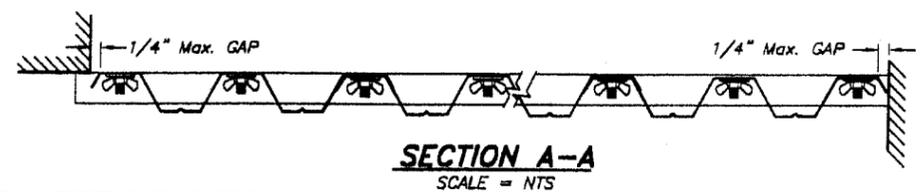
DETAIL 1:
STUD W/ WING NUT
SCALE: 1" = 1"



8 1/4"x7"x16" PLATE
SCALE: 1/2" = 1"



STORM PANEL ELEVATION
SCALE = NTS



SECTION A-A
SCALE = NTS

GENERAL NOTES:

1. STORM PANEL SHOWN ON THIS PRODUCT APPROVAL DOCUMENT HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2001 EDITION OF THE FLORIDA BUILDING CODE. DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1819 OF THE ABOVE MENTIONED CODE, FOR A BASIC WIND SPEED OF 148 m.p.h., AND IN ACCORDANCE W/ ASCE 7-98 STANDARD. STORM PANEL'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 1608.1.4 OF THE ABOVE MENTIONED CODE AS PER PA-201, PA-202 AND PA-203 AS PER CONSTRUCTION TESTING CORPORATION, REPORT No. 01-022.

- 2. ALL STEEL SHEET METAL PANELS SHALL HAVE STRUCTURAL QUALITY ASTM A-653, GRADE 80, DESIGNATION W/MIN. FY=97.77 ksi (AFTER ROLLED) AND TO BE G-90 GALVANIZED.
- 3. ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T5 ALLOY UNLESS OTHERWISE NOTED.
- 4. ALL SCREWS TO BE STAINLESS STEEL 304 OR 316 SERIES W/ 50 ksi YIELD POINT AND 90 ksi TENSILE STRENGTH OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018.
- 5. BOLTS TO BE 2024-T4 ALUMINUM ALLOY, GALVANIZED OR STAINLESS STEEL, WITH 36 ksi MINIMUM YIELD POINT.
- 6. ANCHORS TO WALL SHALL BE AS FOLLOWS: (UNLESS OTHERWISE NOTED)

(A) TO EXISTING POURED CONCRETE:
- 1/4" TAPCON ANCHORS AS MANUFACTURED BY I.T.W. BULDEX OR ELCO TETRON.
- 1/4" x 7/8" CALK-IN ANCHORS AS MANUFACTURED BY POWERS FASTENING, INC.

NOTES:
A.1) MINIMUM EMBEDMENT INTO POURED CONCRETE OF TAPCON ANCHORS IS 1 3/4".
A.2) 7/8" CALK-IN ANCHORS SHALL BE ENTIRELY EMBEDDED INTO THE POURED CONCRETE. NO EMBEDMENT INTO STUCCO SHALL BE PERMITTED. 1/4"-20 SCREWS USED SHALL BE 1 1/2" LONG MINIMUM SHOULD STUCCO EXIST, AND 1" MINIMUM FOR WALLS WITH NO STUCCO. SCREWS SHALL HAVE 3/4" HEAD FOR DIRECT MOUNTED PANELS, AND 3/4" OR 9/16" HEAD FOR ALL TRACKS OR PLATES.
A.3) IN CASE THAT PRECAST STONE, PRECAST CONCRETE PANELS, OR PAVERS BE FOUND ON THE EXISTING WALL OR FLOOR, ANCHORS SHALL BE LONG ENOUGH TO REACH THE MAIN STRUCTURE BEHIND SUCH PANELS, ANCHORAGE SHALL BE AS INDICATED ON NOTES A.1) & A.2) ABOVE.

(B) TO EXISTING CONCRETE BLOCK WALL:
- 1/4" TAPCON ANCHORS AS MANUFACTURED BY I.T.W. BULDEX OR ELCO TETRON.
- 1/4" x 7/8" CALK-IN ANCHORS AS MANUFACTURED BY POWERS FASTENING, INC.

NOTES:
B.1) MINIMUM EMBEDMENT OF TAPCON ANCHORS INTO THE CONCRETE BLOCK UNIT SHALL BE 1 1/4".
B.2) 7/8" CALK-IN ANCHORS SHALL BE ENTIRELY EMBEDDED INTO THE CONCRETE BLOCK UNIT. NO EMBEDMENT INTO STUCCO SHALL BE PERMITTED. 1/4"-20 SCREWS USED SHALL BE 1 1/2" LONG MINIMUM SHOULD STUCCO EXIST, AND 1" MINIMUM FOR WALLS WITH NO STUCCO. SCREWS SHALL HAVE 3/4" HEAD FOR DIRECT MOUNTED PANELS, AND 3/4" OR 9/16" HEAD FOR ALL TRACKS OR PLATES.
B.3) IN CASE THAT PRECAST STONE OR PRECAST CONCRETE PANELS BE FOUND ON THE EXISTING WALL, ANCHORS SHALL BE LONG ENOUGH TO REACH THE MAIN STRUCTURE BEHIND SUCH PANELS. ANCHORAGE SHALL BE 1 1/4" MINIMUM FOR ANCHORS MENTIONED IN B.1), & 7/8" FOR ANCHORS MENTIONED IN B.2).

(C) ANCHORS SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER.

7. PANELS MAY ALSO BE INSTALLED HORIZONTALLY FOLLOWING INSTALLATION DETAILS SHOWN ON SECTIONS 1 THRU 5 (SHEET 2 & 3 OF 6) EXCEPT THAT HEADERS 2) & 3) SHALL NOT BE USED.

8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE WHERE SHUTTER IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE. THIS SHUTTER SHALL ONLY BE ATTACHED TO CONCRETE, BLOCK OR WOOD FRAME BUILDINGS.

9. (a) THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; I.E. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.

(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT APPROVAL PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.

(c) THIS PRODUCT APPROVAL DOCUMENT WILL BE CONSIDERED INVALID IF MODIFIED.

(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE PROFESSIONAL OF RECORD (P.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. PROFESSIONAL OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.A.D. ENGINEER, SHALL SUBMIT TO THIS THE SITE SPECIFIC DRAWINGS FOR REVIEW.

(e) THIS P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER THAT PREPARED IT.

10. SHUTTER MANUFACTURER'S STICKER SHALL BE PLACED ON THE EXPOSED SURFACE OF THE CENTER FLANGE OF EVERY PANEL APPROXIMATELY 4" ABOVE THE BOTTOM OF SUCH PANEL. STICKER SHALL READ AS FOLLOWS: ALUFAB HURRICANE SHUTTERS OPA LOCKA, FL. MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

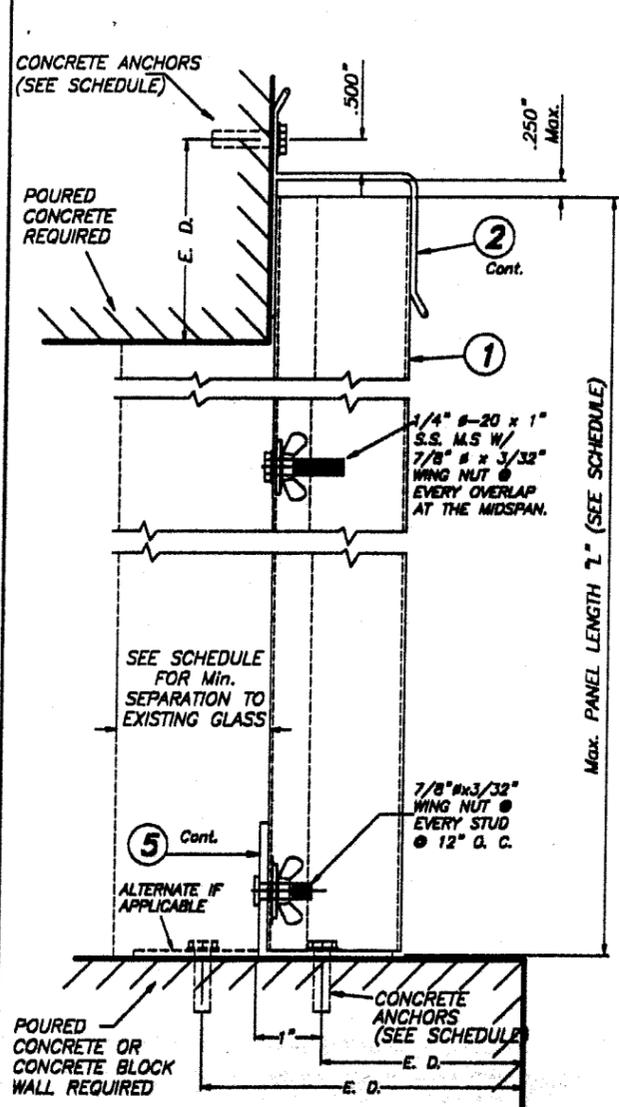
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 03-0225.02
Expiration Date 11/22/2006
By *Helmut A. Miller*
Miami Dade Product Control Division

COMPONENTS

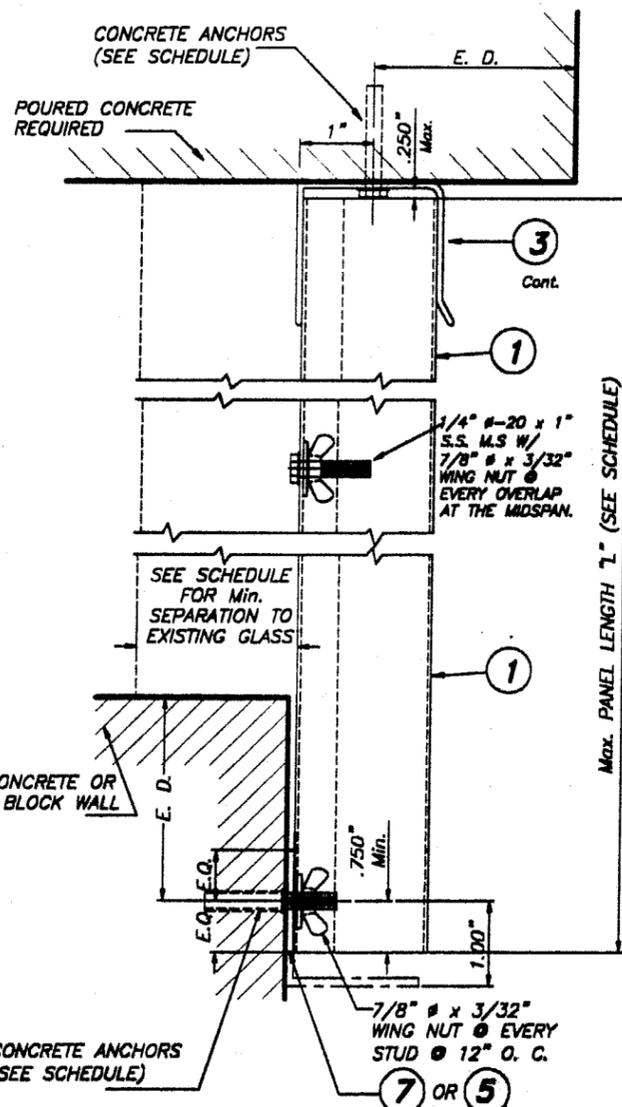
F.B.C. (H.V.H.Z.) / MIAMI-DADE COUNTY

 TILIT TESTING & ENGINEERING COMPANY 6595 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FL 33168 Phone: (305)871-1530 Fax: (305)871-1531 EG-0006719 WALTER A. TILIT Jr., P. E. FLORIDA Lic. 44167		24 GAGE STEEL STORM PANEL		AS SHOWN SCALE	
		ALUFAB HURRICANE SHUTTERS, Inc. 13000 N.W. 38th Ave. OPA-LOCKA, FLORIDA 33054		2/8/03 DATE	
		03-030		DRAWING No	
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 01-238	2/8/03	3	-	-
2	-	-	4	-	-
					SHEET 1 OF 6

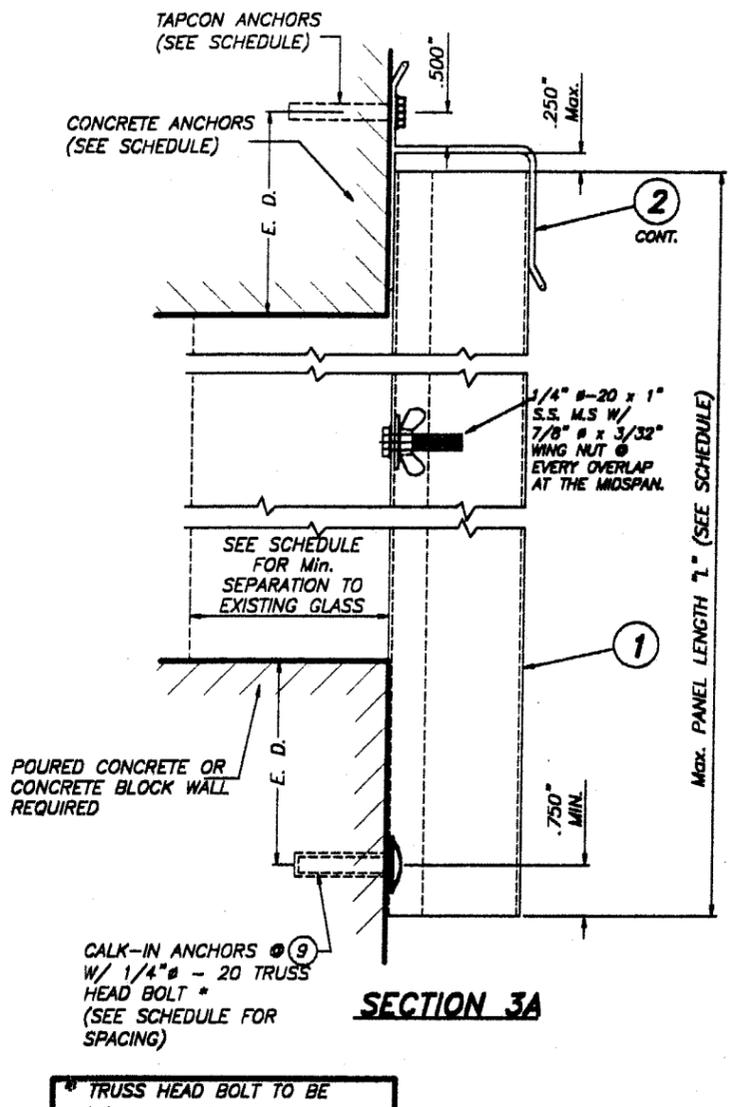
FEB 1 2003



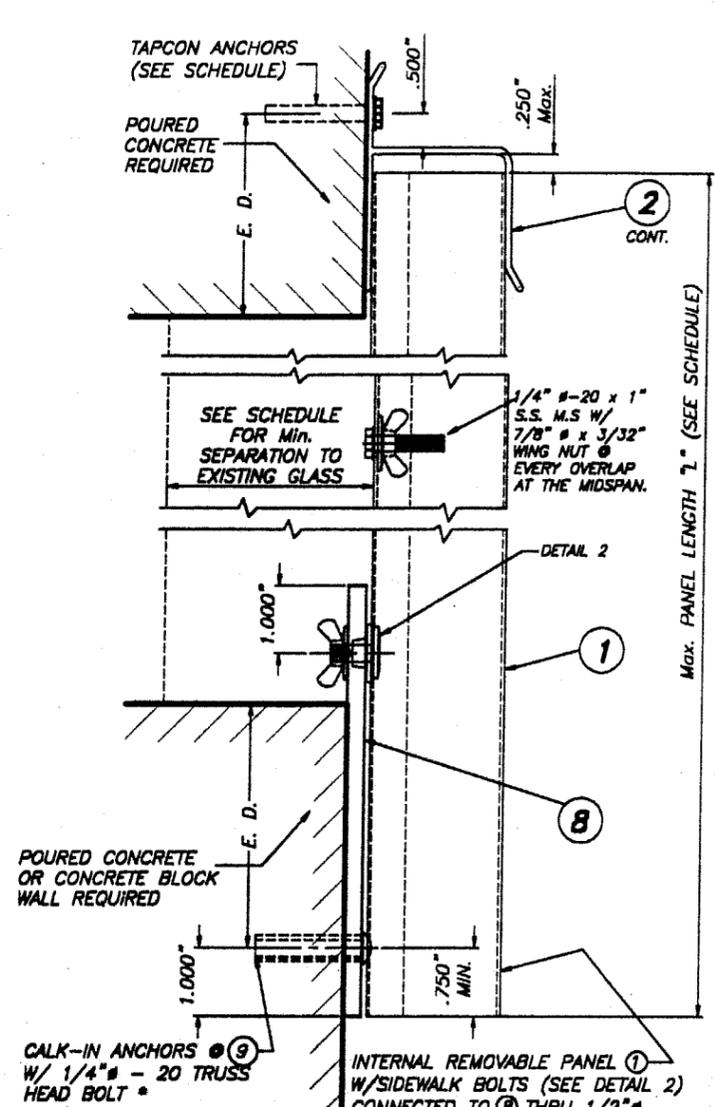
WALL AND FLOOR MOUNTING INSTALLATION
- SECTION 1 SCALE: 3/8" = 1"



WALL AND CEILING MOUNTING INSTALLATION
- SECTION 2 SCALE: 3/8" = 1"



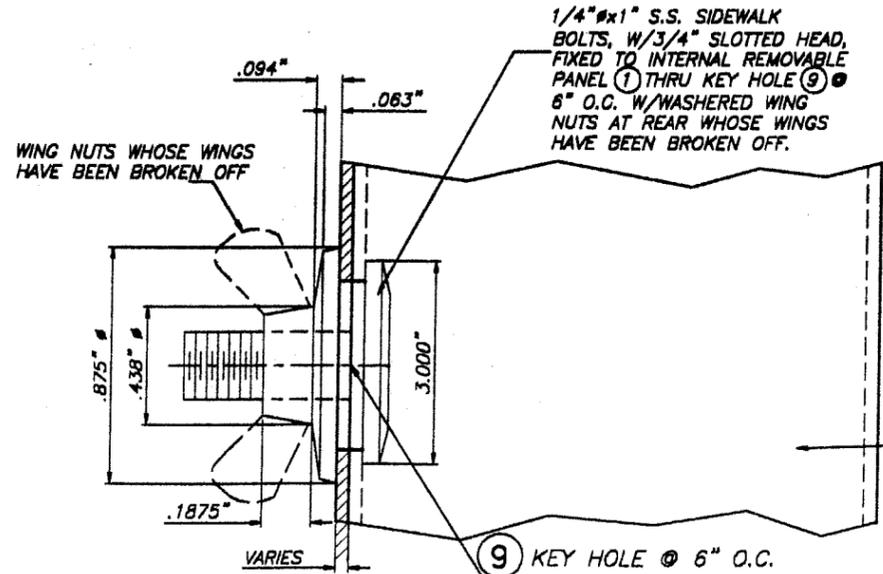
* TRUSS HEAD BOLT TO BE 3/4" x 3/32" THICK HEAD MACHINE SCREW W/ LENGTH AS PER NOTES A.2 & B.2 (SHEET 1)



WALL MOUNTING INSTALLATION
SECTIONS 3 SCALE: 3/8" = 1"

INSTALLATION VALID ONLY FOR REGULAR 24 GAGE STEEL PANELS USED JOINTLY WITH 24 GAGE STEEL INTERNAL REMOVABLE PANEL

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 03-0225.02 Expiration Date 11/22/2006
 By *Helmut A. Miller*
 Miami Dade Product Control Division



**DETAIL 2 - INSTALLATION OF 1/4\"/>
SIDEWALK BOLTS @ REMOVABLE PANEL**

E. D. = EDGE DISTANCE (SEE SCHEDULE ON SHEET 4 OF 6)

NOTE: FOR COMBINATION OF SECTIONS: TOP & BOTTOM INSTALLATIONS INDICATED FOR SECTIONS 1 & 2 CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

**** NOTE:** INTERNAL REMOVABLE PANELS SHOWN ON SECTION 3B SHALL ALWAYS BE INSTALLED IN BETWEEN REGULAR PANELS MOUNTED AS SHOWN ON SECTION 3A.

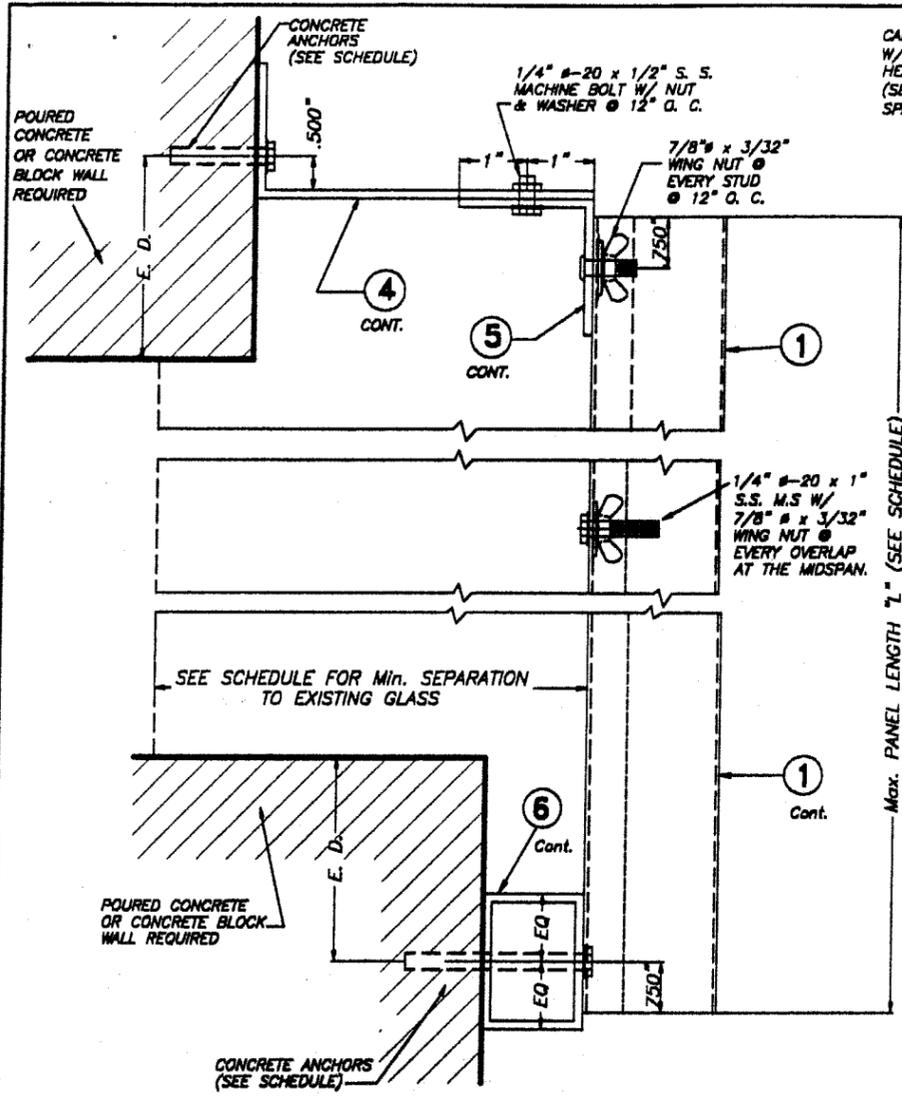
FEB 1 2003

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 8583 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FL 33106
 Phone: (305)871-1530 Fax: (305)871-1531
 EB-0006719
 WALTER A. TILLIT JR., P. E.
 FLORIDA Lic. 44167

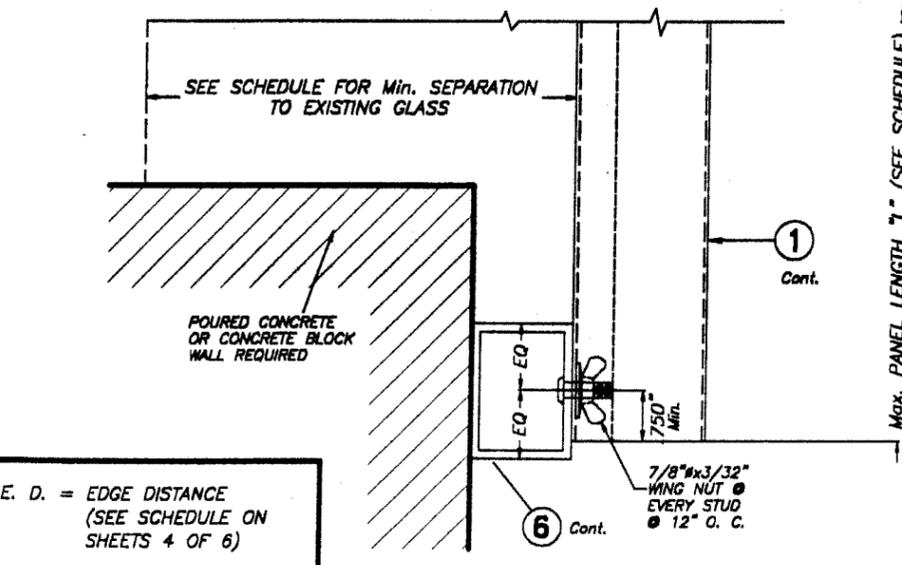
F.B.C. (H.V.H.Z.) / MIAMI-DADE COUNTY

24 GAGE STEEL STORM PANEL		AS SHOWN SCALE
ALUFAB HURRICANE SHUTTERS, Inc.		2/6/03 DATE
13000 N.W. 38th Ave. OPA-LOCKA, FLORIDA 33054		03-030 DRAWING No
REV. NO	DESCRIPTION	DATE
1	OLD 01-238	2/4/03
2		
3		
4		

SHEET 2 OF 6



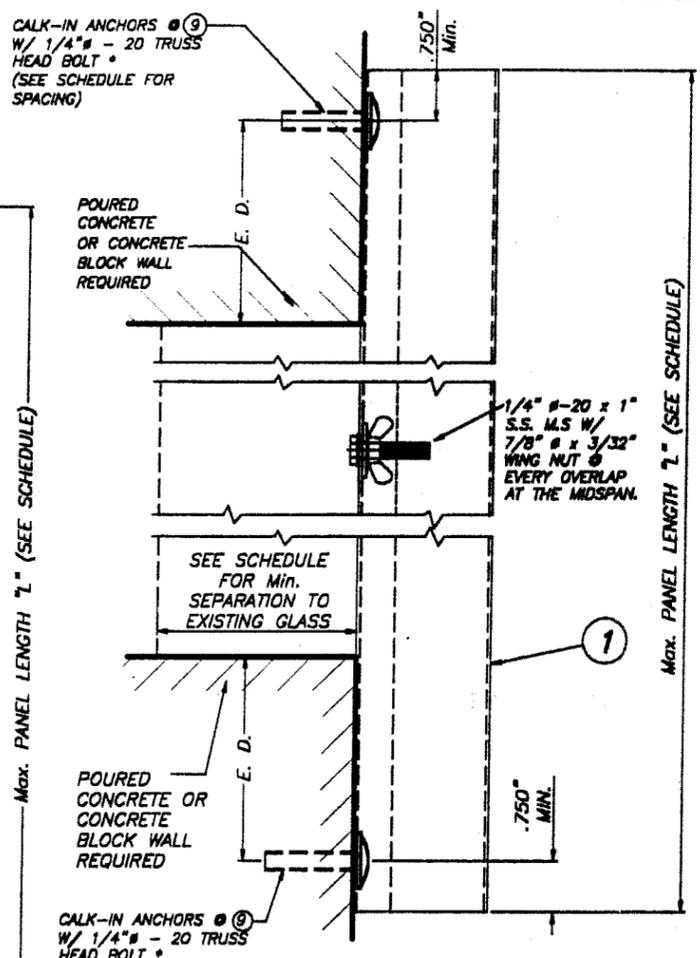
SECTION @ ANCHOR



SECTION @ STUD

BUILD-OUT INSTALLATION
- SECTION 4 SCALE: 3/8" = 1"

E. D. = EDGE DISTANCE
(SEE SCHEDULE ON SHEETS 4 OF 6)

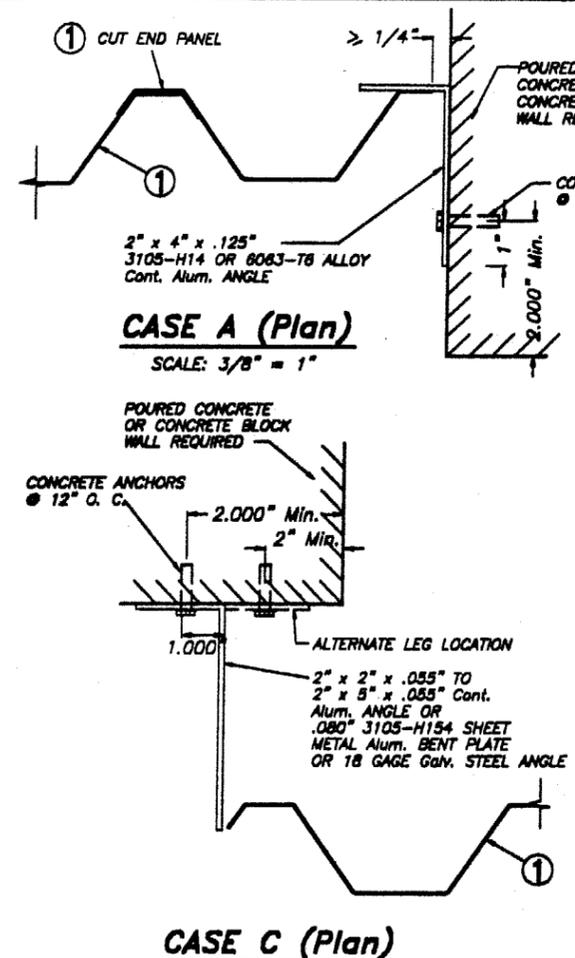


DIRECT MOUNTING INSTALLATION
SECTION 5 SCALE: 3/8" = 1"

* TRUSS HEAD BOLT TO BE
3/4" x 3/32" THICK HEAD
MACHINE SCREW W/ LENGTH AS
PER NOTES A.2 & B.2 (SHEET 1)

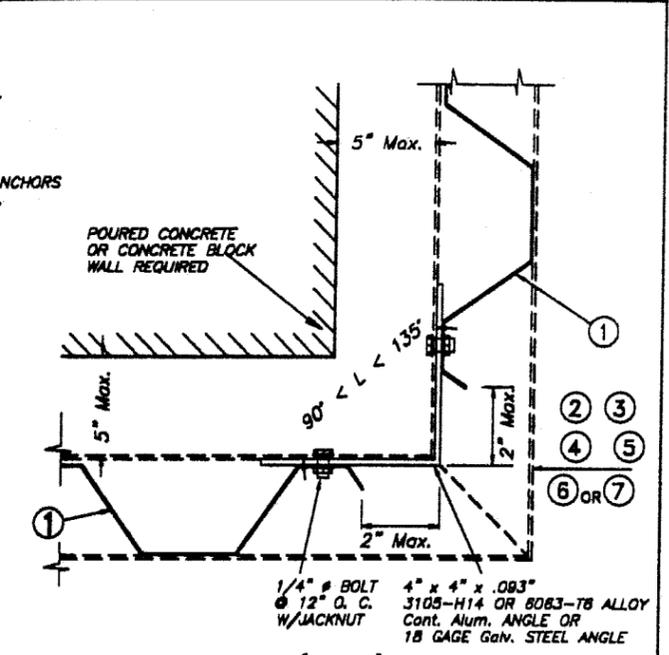
**MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND
CORRESPONDING MAXIMUM PANEL LENGTH "L" SCHEDULE**

MAXIMUM DESIGN PRESSURE RATING W (p.s.f.)	Max. PANEL LENGTH L (ft.) (SEE SECTIONS)	MINIMUM SEPARATION TO GLASS	APPLICABLE TO SECTION # AND ANY COMBINATION OF THEM
+76.3, -76.3	8'-0"	3 1/8"	1 THRU 5
+45.0, -45.0	>8'-0" TO 10'-4"	3 3/8"	1 THRU 5



CASE A (Plan)
SCALE: 3/8" = 1"

CASE C (Plan)
SCALE: 3/8" = 1"



CASE B (Plan)
SCALE: 3/8" = 1"

END CLOSURES DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 03-0225.02
Expiration Date 11/22/2006
By *Helmut A. Mohr*
Miami Dade Product Control
Division

F.B.C. (H.V.H.Z.) / MIAMI-DADE COUNTY

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
8583 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FL 33166
Phone: (305)871-1530 Fax: (305)871-1531
EB-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. 44167

24 GAGE STEEL STORM PANEL		AS SHOWN SCALE
ALUFAB HURRICANE SHUTTERS, Inc.		2/6/03 DATE
13000 N.W. 38th Ave. OPA-LOCKA, FLORIDA 33054		03-030 DRAWING No
REV. NO	DESCRIPTION	DATE
1	OLD 01-838	2/6/03
2	-	-
3	-	-
4	-	-
SHEET 3 OF 6		

FEB 1 2003

MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING SCHEDULE FOR INSTALLATIONS INTO CONCRETE AND C.B.S. STRUCTURES *

E. D. = EDGE DISTANCE

MAXIMUM DESIGN LOAD W (p.s.f.)	MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2" **				APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	TAPCONS		CALK-IN			
	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY		
61.5, -61.5	12"	N/A	12"	N/A	1 (TOP)	8'-0"
	10 1/2"	6"	12"	8 1/2"	1 (BOTTOM)	
	12"	N/A	12"	N/A	2 (TOP)	
	12"	10"	12"	12"	2 (BOTTOM)	
	12"	N/A	N/A	N/A	3A & 3B (TOP)	
	N/A	N/A	12"	12"	3A (BOTTOM)	
	N/A	N/A	6"	6"	3B (BOTTOM)	
	12"	10"	12"	12"	4 (TOP)	
	12"	10"	12"	12"	4 (BOTTOM)	
N/A	N/A	12"	12"	5 (TOP & BOTTOM)		
>+61.5, -61.5 TO +76.3, -76.3	12"	N/A	7 1/2"	N/A	1 (TOP)	8'-0"
	8 1/2"	5"	11 1/2"	8 1/2"	1 (BOTTOM)	
	10 1/2"	N/A	12"	N/A	2 (TOP)	
	12"	8"	12"	11 1/2"	2 (BOTTOM)	
	12"	N/A	N/A	N/A	3A & 3B (TOP)	
	N/A	N/A	12"	6"	3A (BOTTOM)	
	N/A	N/A	6"	6"	3B (BOTTOM)	
	12"	8"	12"	11 1/2"	4 (TOP)	
	12"	8"	12"	11 1/2"	4 (BOTTOM)	
N/A	N/A	12"	6"	5 (TOP & BOTTOM)		
+45.0, -45.0	12"	N/A	12"	N/A	1 (TOP)	>8'-0" TO 10'-4"
	11"	6 1/2"	12"	9"	1 (BOTTOM)	
	12"	N/A	12"	N/A	2 (TOP)	
	12"	10 1/2"	12"	12"	2 (BOTTOM)	
	12"	N/A	N/A	N/A	3A & 3B (TOP)	
	N/A	N/A	12"	12"	3A (BOTTOM)	
	N/A	N/A	6"	6"	3B (BOTTOM)	
	12"	10 1/2"	12"	12"	4 (TOP)	
	12"	10 1/2"	12"	12"	4 (BOTTOM)	
N/A	N/A	12"	12"	5 (TOP & BOTTOM)		

* SEE SHEET 5 & 6 OF 6 FOR ANCHORS TYPE & SPACING FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS.

** MAXIMUM ANCHOR SPACINGS ARE VALID FOR 3 1/2" EDGE DISTANCE. FOR E. D. LESS THAN 3 1/2", REDUCE ANCHOR SPACING BY MULTIPLYING SPACING SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS. (NOTE: Min. E. D. FOR CALK-IN ANCHORS IS 2 1/2"). FOR THIS OPERATION TO BE POSSIBLE, REDUCED SPACING OBTAINED USING FACTOR SHALL NOT BE LESS THAN MINIMUM SPACING INDICATED FOR EACH ANCHOR TYPE AT ANCHORS LEGEND.

ACTUAL E. D.	FACTOR	
	TAPCON	CALK-IN
3"	.86	.75
2 1/2"	.71	.50
2"	.50	-

ANCHORS LEGEND

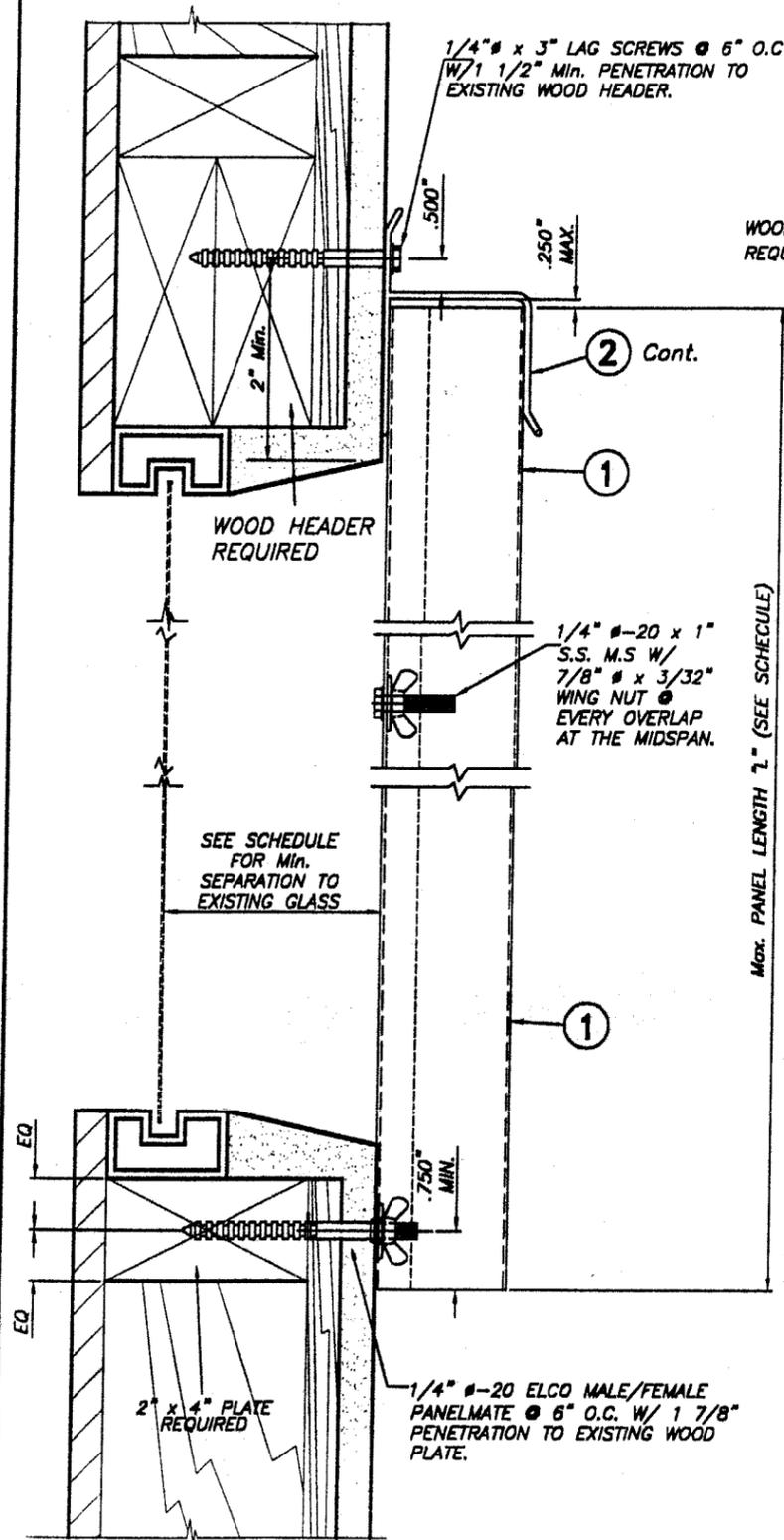
ANCHORS TYPE	ANCHOR MIN. SPACING
TAPCON	3.0"
CALK-IN	2.5"

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 03-0225.02
Expiration Date 11/22/2006
By Walter A. Tillit Jr.
Miami Dade Product Control Division

F.B.C. (H.V.H.Z.) / MIAMI-DADE COUNTY

FEB 1 2 2003

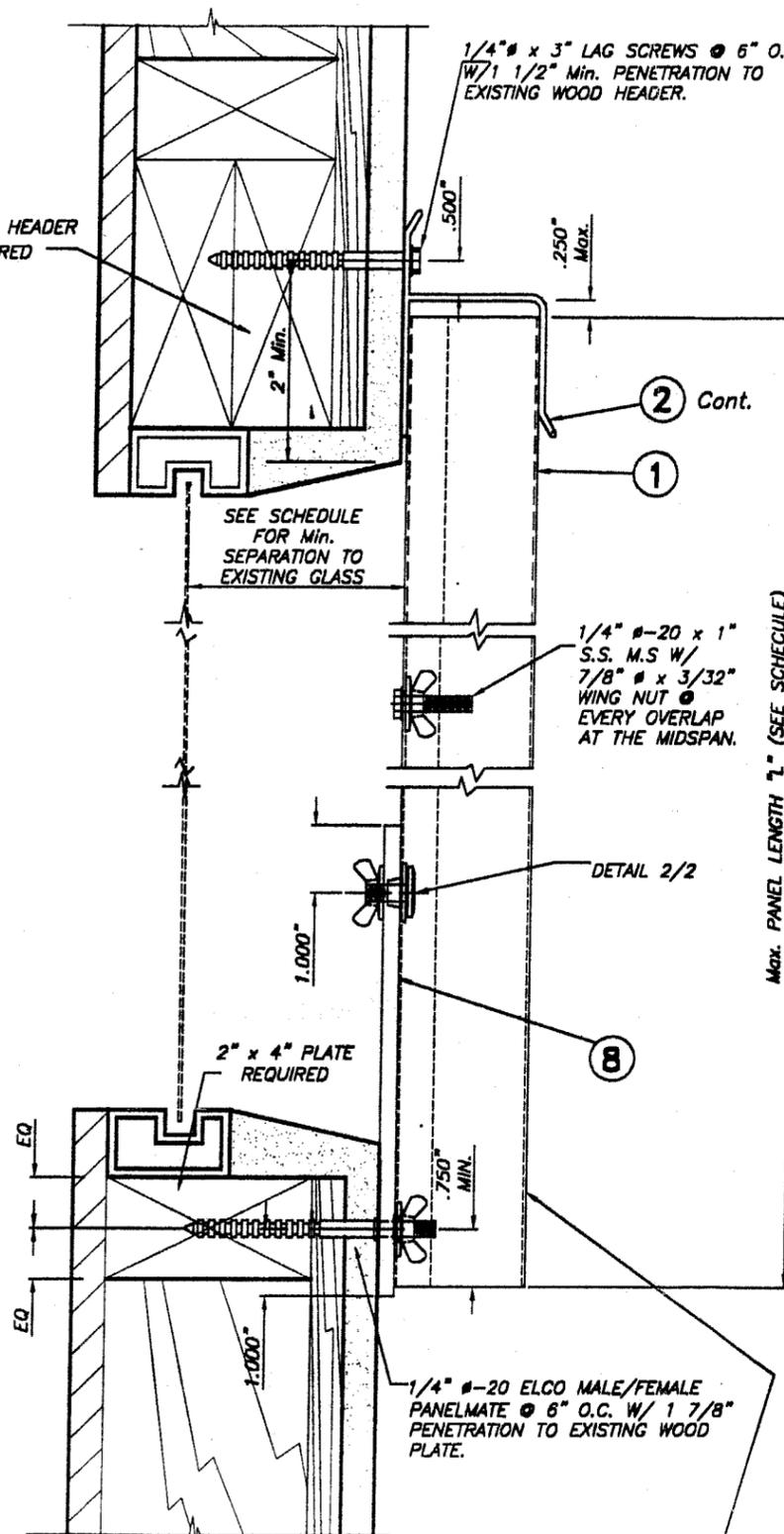
 TILECO INC. <small>TILLIT TESTING & ENGINEERING COMPANY</small> <small>6285 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FL 33166</small> <small>Phone: (305)871-1530 Fax: (305)871-1531</small> <small>EB-0006719</small> <small>WALTER A. TILLIT Jr., P. E.</small> <small>FLORIDA Lic. 44167</small>	24 GAGE STEEL STORM PANEL ALUFAB HURRICANE SHUTTERS, Inc. <small>13000 N.W. 38th Ave.</small> <small>OPA-LOCKA, FLORIDA 33054</small>	AS SHOWN SCALE 2/6/03 DATE 03-030 DRAWING No SHEET 4 OF 6																		
	<table border="1"> <thead> <tr> <th>REV. NO</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV. NO</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>OLD 01-238</td> <td>2/6/03</td> <td>3</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> <td>4</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE	1	OLD 01-238	2/6/03	3	-	-	2	-	-	4	-	-	
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ALTERNATIVE 8A

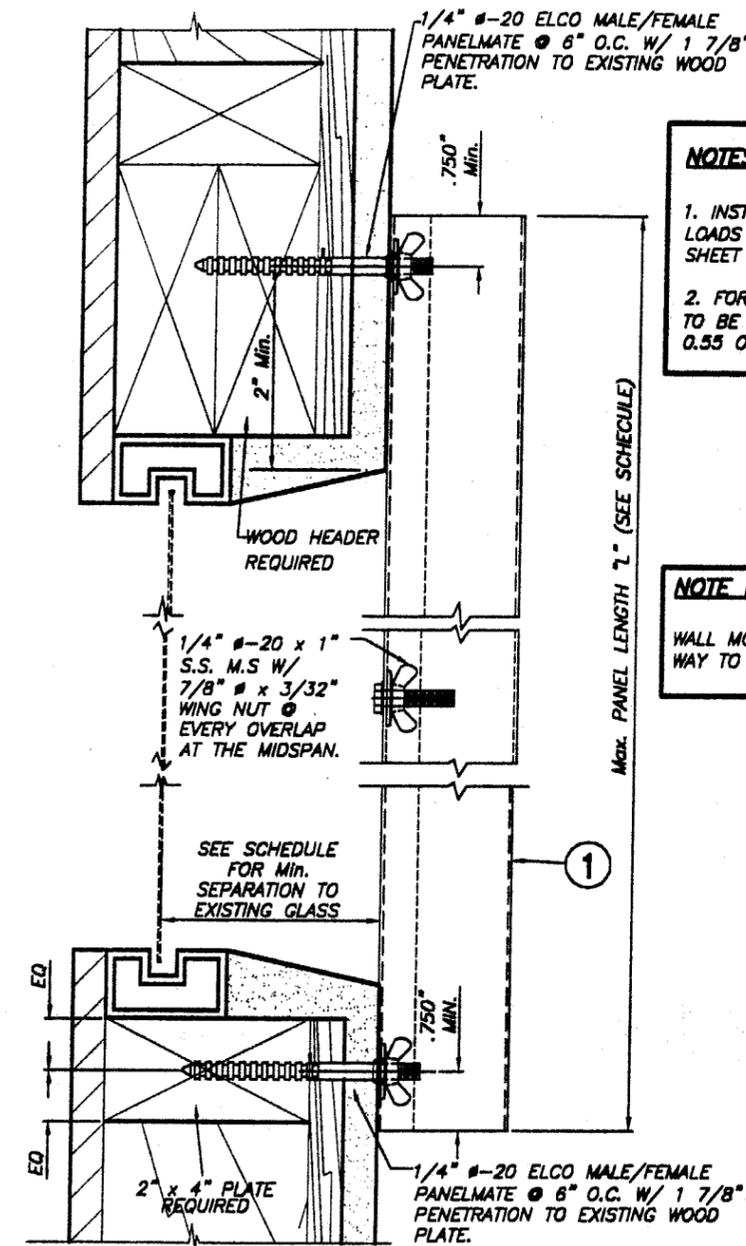
**WALL MOUNTING INSTALLATIONS
ALTERNATIVES 8**

**INSTALLATIONS VALID ONLY FOR REGULAR 24 GAGE STEEL PANELS
USED JOINTLY WITH 24 GAGE STEEL INTERNAL REMOVABLE PANEL
INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS**



ALTERNATIVE 8B

INTERNAL REMOVABLE PANEL 1
W/SIDEWALK BOLTS (SEE DETAIL 2 ON
SHEET 2 OF 6) CONNECTED TO 8 THRU
1/2" HOLES AT 8 @ 6" O.C. &
FASTENED AT REAR W/ 7/8" x 3/32" WING
NUT @ EVERY SIDEWALK BOLT.



ALTERNATIVE 9

NOTES:

1. INSTALLATIONS ARE VALID ONLY FOR DESIGN WIND LOADS AND Max. PANEL LENGTHS AS PER SCHEDULE ON SHEET 3 OF 6
2. FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No. 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

NOTE FOR COMBINATION OF SECTIONS:

WALL MOUNTING SECTIONS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 03-0225.02
Expiration Date 11/22/2006
By *Heather H. Madala*
Miami Dade Product Control
Division

F.B.C. (H.V.H.Z.) / MIAMI-DADE COUNTY

 TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 8585 N.W. 38th St., Ste. 212, VIRGINIA GARDENS, FL 33186 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. 44167		24 GAGE STEEL STORM PANEL		AS SHOWN SCALE	
		ALUFAB HURRICANE SHUTTERS, Inc. 13000 N.W. 38th Ave. OPA-LOCKA, FLORIDA 33054		2/8/03 DATE	
03-030 DRAWING No		SHEET 6 OF 6			
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 01-030	2/8/03	3		
2			4		

FEB 12 2003