



MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING

**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Alufab Hurricane Shutter, Inc.**  
2353 Alibaba Ave.  
Opa Locka FL 33054

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT SECTION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

Your application for Product Approval of:

**18 Ga. Galvanized Steel Storm Panel Shutter**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing.

If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**Acceptance No.: 00-0128.03**

**Expires: 03/06/2003**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS**

**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director

Miami-Dade County  
Building Code Compliance Office

**Approved: 03/17/2000**

1 of 3



**Alufab Hurricane Shutters, Inc.**

ACCEPTANCE No. : 00-0128.03

APPROVED : MAR 17 2000

EXPIRES : Mar. 06, 2003

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

This renews the Notice of Acceptance No. 97-0205.01, which was issued on March 06, 1997. It approves an 18 gauge galvanized steel storm panel shutter, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

This 18 gauge galvanized steel storm panel shutter and its components shall be constructed in strict compliance with the following documents: Drawing No. 94-69, titled "Storm Panel", prepared by Tilteco, Inc., dated March 31, 1994, last revision #2 dated July 03, 1995, sheets 1 through 6 of 6, signed and sealed by Walter A. Tillit, Jr., P.E., bearing the Miami-Dade County Product Control Approval and Renewal stamps with the Notice of Acceptance numbers and approval dates by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

All permanent set components, included but not limited to embedded anchor bolts, threaded cones, metal shields, headers and sills, must be protected against corrosion, contamination and damage at all times.

**4. INSTALLATION**

This 18 gauge galvanized steel storm panel shutter and its components shall be installed in strict compliance with the approved drawings.

**5. 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".

**6. BUILDING PERMIT REQUIREMENTS**

**6.1** Application for building permit shall be accompanied by copies of the following:

**6.1.1** This Notice of Acceptance.

**6.1.2** Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

**6.1.3** Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.



Helmy A. Makar, P. E. - Product Control Examiner  
Product Control Division

Alufab Hurricane Shutters, Inc.

ACCEPTANCE No. : 00-0128.03

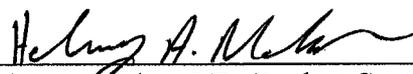
APPROVED : MAR 17 2000

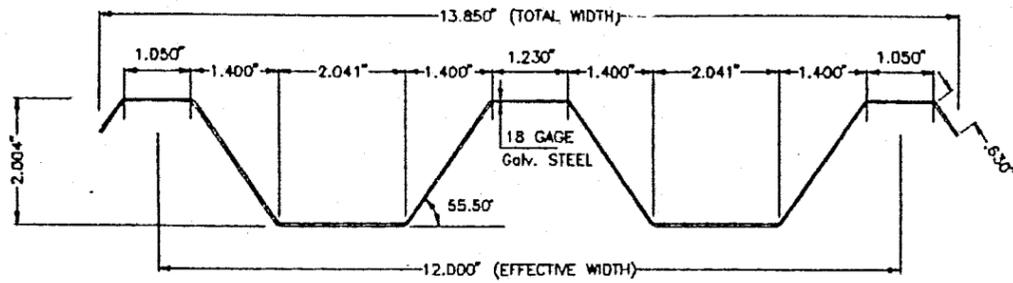
EXPIRES : Mar. 06, 2003

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
  - b. The product is no longer the same product (identical) as the one originally approved.
  - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
  - d. The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a. Unsatisfactory performance of this product or process.
  - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

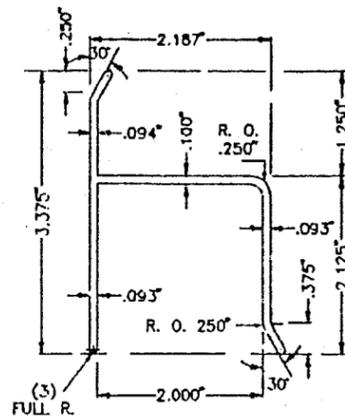
**END OF THIS ACCEPTANCE**

  
\_\_\_\_\_  
Helmy A. Makar, P.E. -Product Control Examiner  
Product Control Division



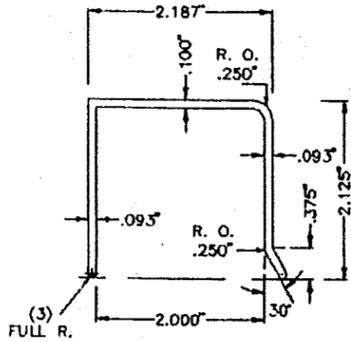
① PANEL

COMPONENTS



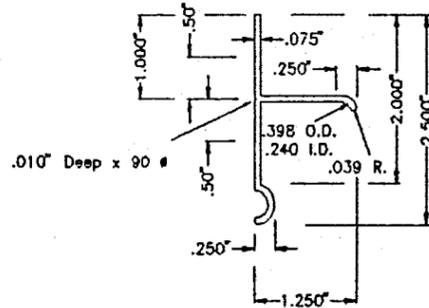
② HEADER

6005-T5 Alum. ALLOY



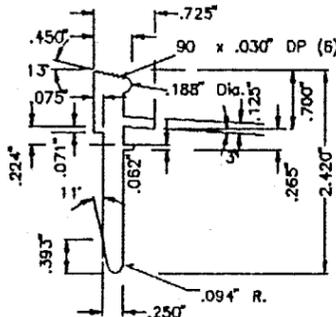
③ HEADER

6005-T5 Alum. ALLOY



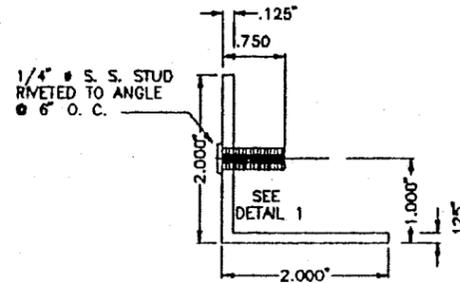
④ SILL

6063-T6 Alum. ALLOY

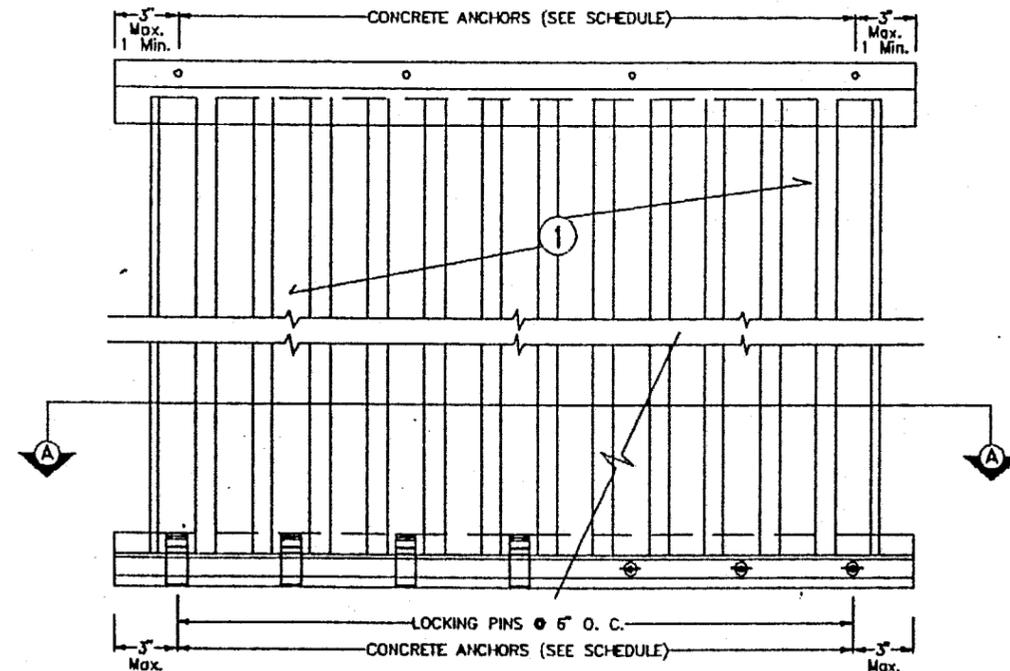


⑤ LOCKING PIN (1" long)

6005-T5 ALLOY

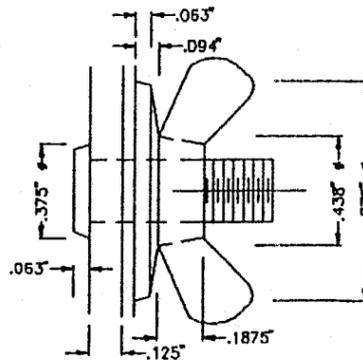


⑥ ANGLE WITH STUD



STORM PANEL ELEVATION

SECTION A-A



DETAIL 1: STUD W/ WING NUT

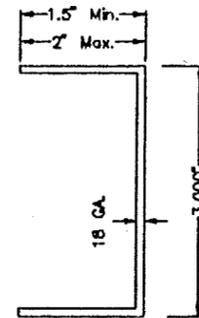
PRODUCT RENEWED

ACCEPTANCE No. 00-0128-03

EXPIRATION DATE March 06, 2003

By *Helmy A. Matar*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

*Walter A. Tillit Jr.*  
10/25/98



⑦ CHANNEL

ASTM A-525 DESIGNATION  
G-90 GALVANIZED STEEL W/FY=40 ksi

GENERAL NOTES:

- STORM PANEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE DADE COUNTY, 1988 EDITION OF THE SOUTH FLORIDA BUILDING CODE, WITH THE 92' & 93' REVISIONS. WIND VELOCITY CONSIDERED IS 110 m.p.h. IMPORTANCE FACTOR IS 1.05. COASTAL ZONE WIND LOADS DETERMINED FOR EXPOSURE "D" FOR BUILDINGS WITH MEAN ROOF HEIGHT OVER 60'-0" ONLY, AND FOR EXPOSURE "C" FOR BUILDINGS FOR MEAN ROOF HEIGHT EQUAL OR LESS THAN 60'-0". NON COASTAL ZONE WIND LOADS DETERMINED FOR EXPOSURE "C", AS REQUIRED BY ASCE 7-88. STORM PANEL'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 2315 & 2314 RESPECTIVELY OF THE ABOVE MENTIONED CODE.
- ALL STEEL SHEET METAL PANELS SHALL HAVE STRUCTURAL QUALITY ASTM A446-91, GRADE C, GALVANIZED STEEL DESIGNATION W/FY=49 ksi (AFTER ROLLED).
- ALL ALUMINUM EXTRUSIONS SHALL BE 6063-16 ALLOY UNLESS OTHERWISE NOTED.
- ALL SCREWS TO BE STAINLESS STEEL 304 OR 316 SERIES.
- BOLTS TO BE 2024-T4 ALUMINUM ALLOY, GALVANIZED OR STAINLESS STEEL, WITH 38 ksi MINIMUM YIELD POINT.
- ANCHORS TO WALL SHALL BE AS FOLLOWS: (UNLESS OTHERWISE NOTED)
  - (A) TO EXISTING POURED CONCRETE:
    - 1/4" x 1 1/4" OR 1/4" x 1 3/4" TAPCON ANCHORS, AS MANUFACTURED BY I.T.W. RAMSET OR ELCO INDUSTRIES.
    - 1/4" x 7/8" STAR TAMPIN ANCHORS AS MANUFACTURED BY STAR EXPANSION.
  - NOTES:
    - A.1) 1 1/4" TAPCON ANCHORS SHALL ONLY BE USED FOR INSTALLATIONS INTO EXPOSED CONCRETE WITH NO STUCCO OR ANY FINISH. USE 1 3/4" TAPCON ANCHORS FOR CASES WHEN STUCCO EXISTS.
    - A.2) 7/8" TAMPIN ANCHORS SHALL BE ENTIRELY EMBEDDED INTO THE POURED CONCRETE. NO EMBEDMENT INTO STUCCO SHALL BE PERMITTED.
    - 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 1 1/4" MINIMUM FOR ANCHORS MENTIONED IN A.1), & 7/8" FOR ANCHORS MENTIONED IN A.2).
  - (B) TO EXISTING CONCRETE BLOCK WALL:
    - 1/4" x 1 1/4" OR 1/4" x 1 3/4" TAPCON ANCHORS, AS MANUFACTURED BY I.T.W. RAMSET OR ELCO INDUSTRIES.
    - 1/4" x 7/8" STAR TAMPIN ANCHORS AS MANUFACTURED BY STAR EXPANSION.
  - NOTES:
    - B.1) MINIMUM EMBEDMENT OF TAPCON ANCHORS, INTO THE CONCRETE BLOCK UNIT SHALL BE 1 1/4".
    - B.2) 7/8" TAMPIN ANCHORS SHALL BE ENTIRELY EMBEDDED INTO THE CONCRETE BLOCK UNIT. NO EMBEDMENT INTO STUCCO SHALL BE PERMITTED.
    - 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.
  - (D) ANCHORAGE TO WOOD FRAME BUILDINGS NOT COVERED ON THIS DRAWING SHALL BE ENGINEERED ON A JOB BY JOB BASIS.
- PANELS MAY ALSO BE INSTALLED HORIZONTALLY FOLLOWING INSTALLATION DETAILS SHOWN ON SECTIONS 1A, 1B & 3 (SHEET 2 OF 6).
- 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.
- 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  
OPA LOCKA, FL.  
DADE COUNTY PRODUCT CONTROL APPROVED.

PRODUCT RENEWED

ACCEPTANCE No. 97-0205.01

EXPIRATION DATE March 6, 2000

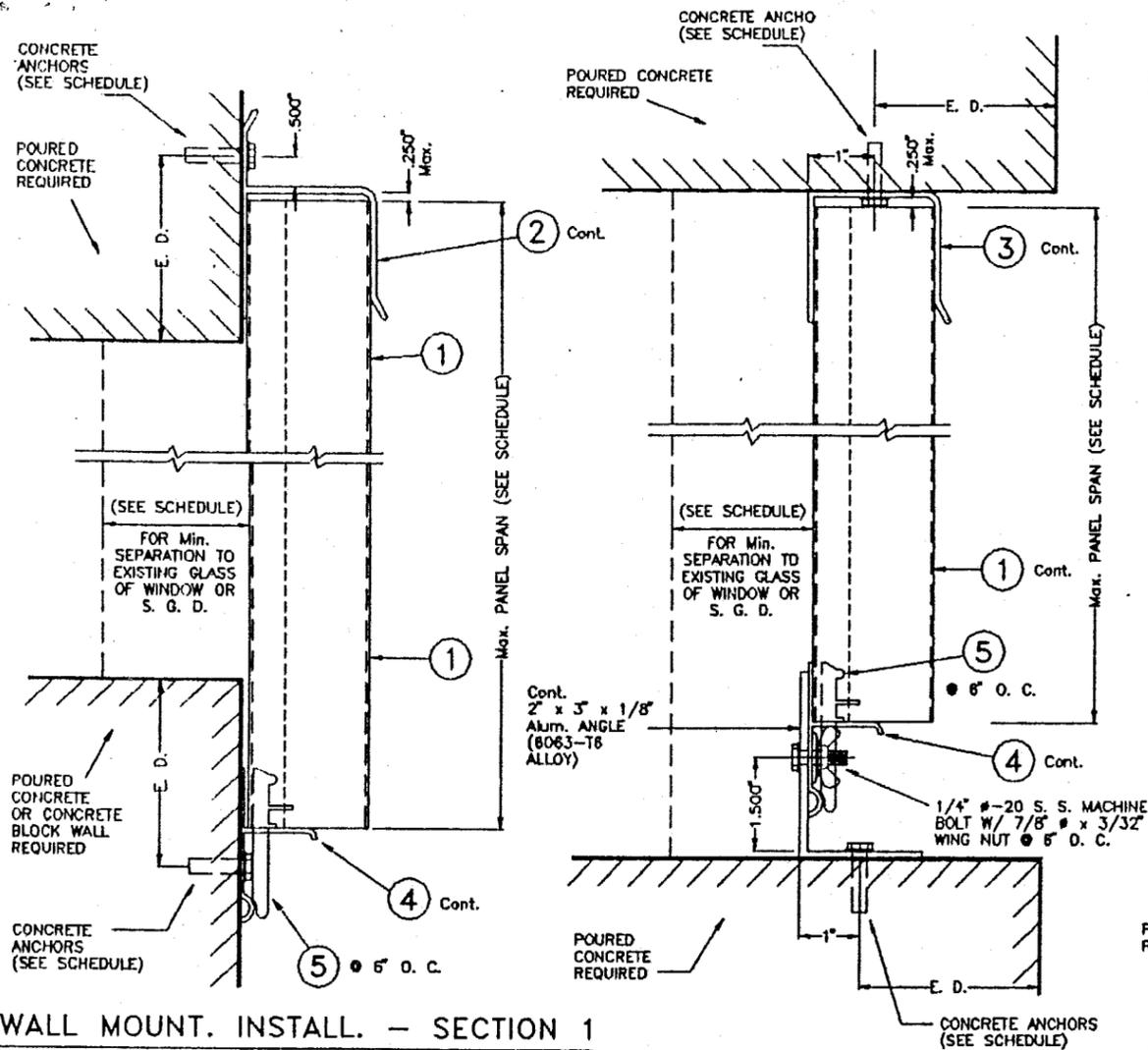
By *Manuel...*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE MARCH 21 1996  
By *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE No. 95-1030.01

DADE COUNTY.

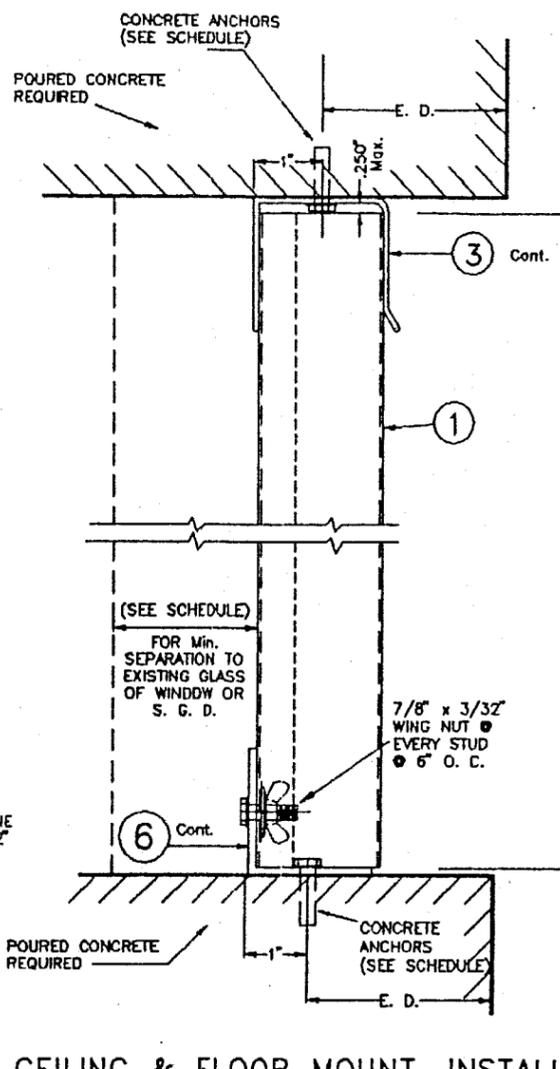
**TILECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
6395 N.W. 30th St., Ste. 217, VIRGINIA GARDENS, FL 33186  
Phone: (305)871-1530 Fax: (305)871-1531  
WALTER A. TILLIT Jr., P. E.  
FLORIDA Lic. 44167

STORM PANEL						SCALE
ALUFAB HURRICANE SHUTTERS, Inc.						03/31/94 DATE
2349 N.W. 147 STREET OPA-LOCKA, FLORIDA 33142						94 - 69 DRAWING No
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 1 OF 6
1	LAST	8/18/94	2	LAST	10/23/98	
2	LAST (CHANNEL)	7/3/93	4			

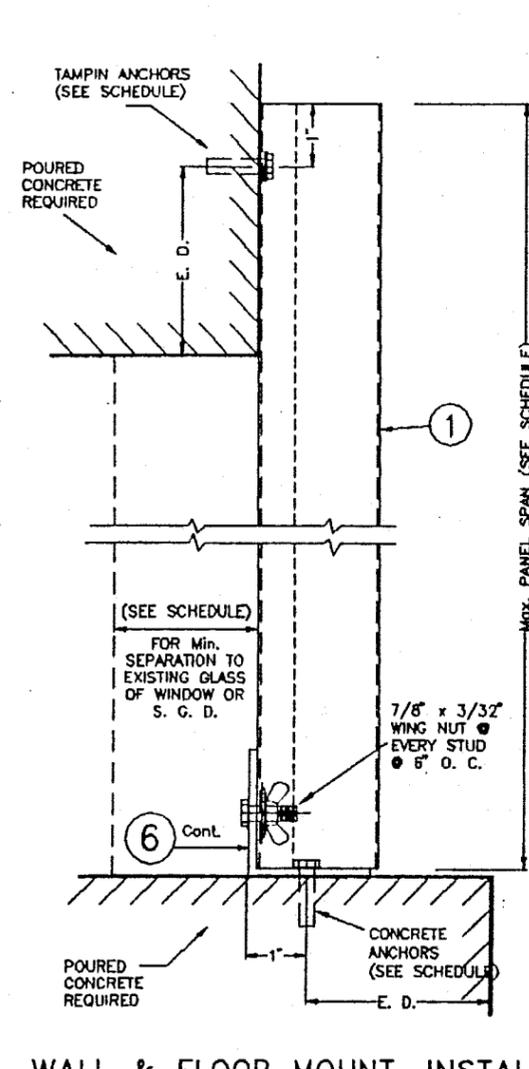


WALL MOUNT. INSTALL. - SECTION 1

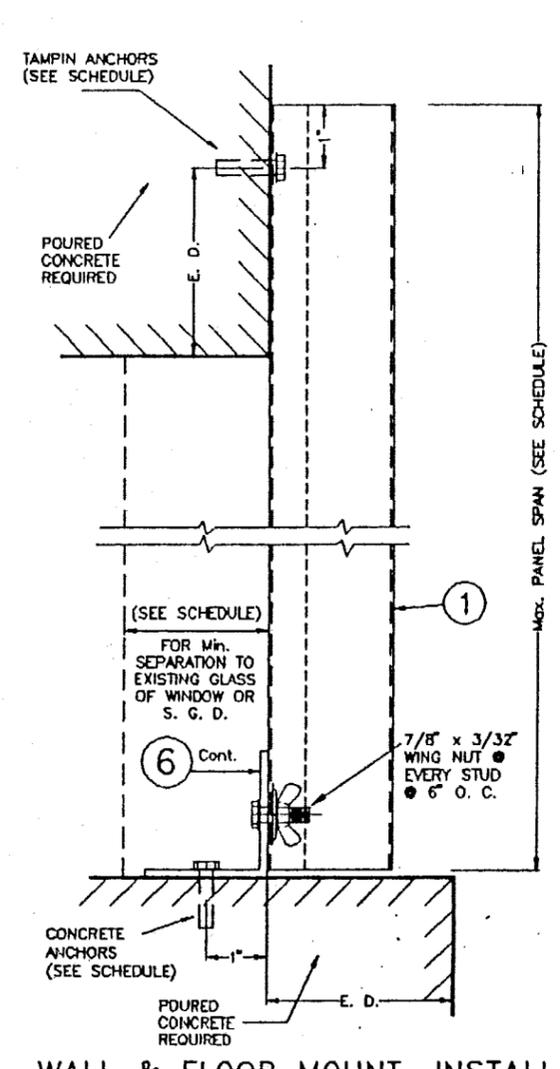
CEILING & FLOOR MOUNT. INSTALL. - SECTION 2



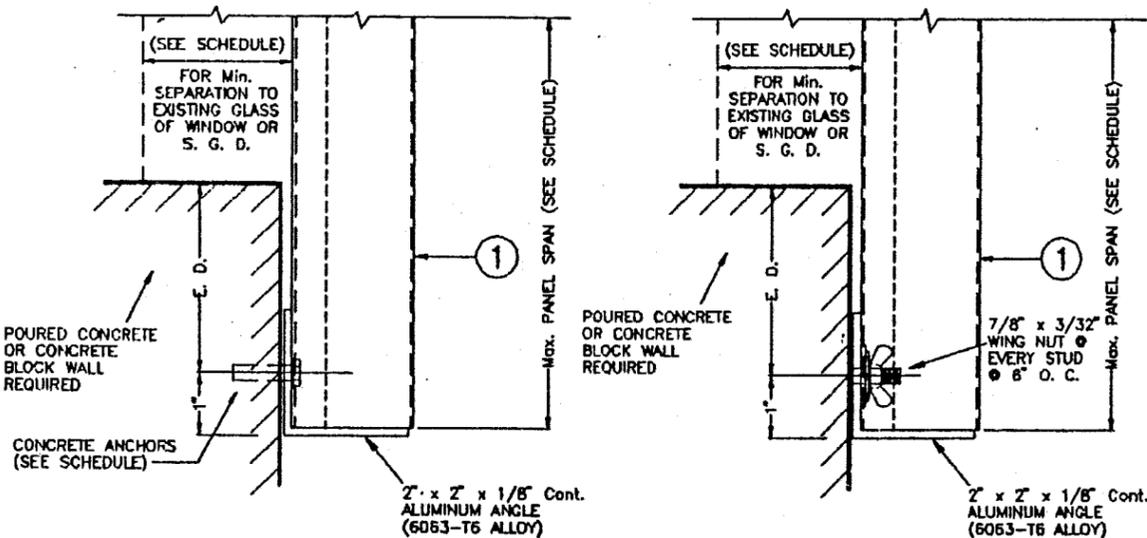
CEILING & FLOOR MOUNT. INSTALL. - SECTION 2A



WALL & FLOOR MOUNT. INSTALL. - SECTION 3



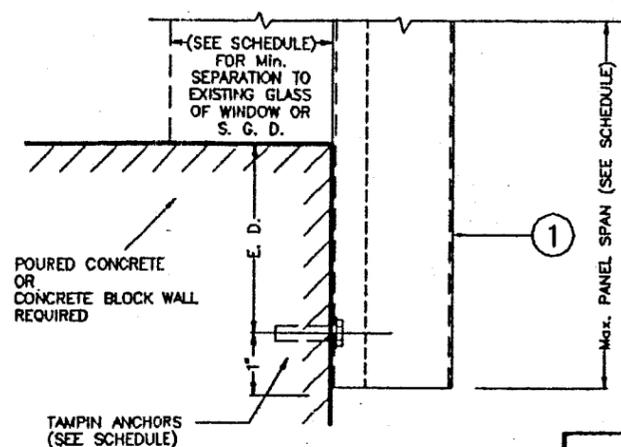
WALL & FLOOR MOUNT. INSTALL. - SECTION 3A



WALL MOUNTING INSTALLATION - SECTION 1A

NOTE: TOP MOUNTING AS ON SECTION 1 OR ALTERNATIVELY, IN CASE THAT HEADER WAS NOT USED ATTACH PANEL TO WALL USING SPECS AS INDICATED FOR BOTTOM CONNECTION DETAIL.

*David Smith*  
12/29/85



WALL MOUNTING INSTALLATION - SECTION 1B

NOTE: ALTERNATIVELY, IN CASE THAT HEADER WAS NOT USED ATTACH PANEL TO WALL USING SPECS AS INDICATED FOR BOTTOM CONNECTION DETAIL.

E. D. = EDGE DISTANCE (SEE SCHEDULE)

**PRODUCT RENEWED**

ACCEPTANCE No. 97-0205.01

EXPIRATION DATE MARCH 6, 2008

By *Manuel...*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE No. 00-0128.03

EXPIRATION DATE March 06, 2003

By *Helmy A. Matar*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE

DATE MARCH 21, 1996

BY *[Signature]*

PRODUCT CONTROL DIVISION

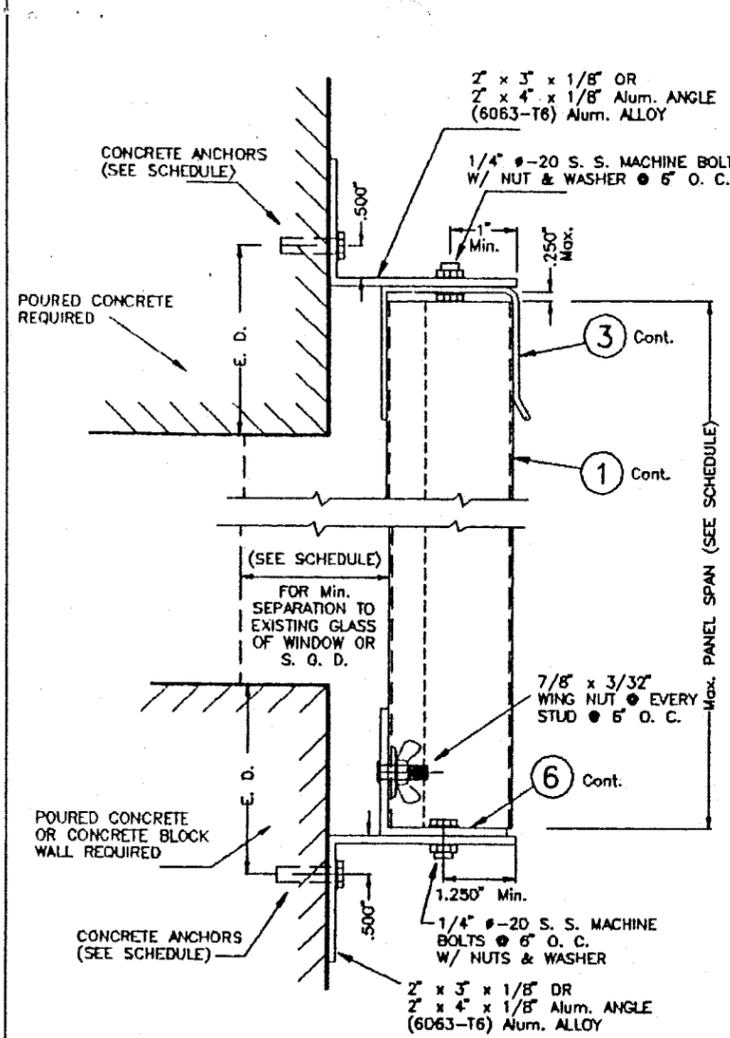
BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE No. 95-1030.01

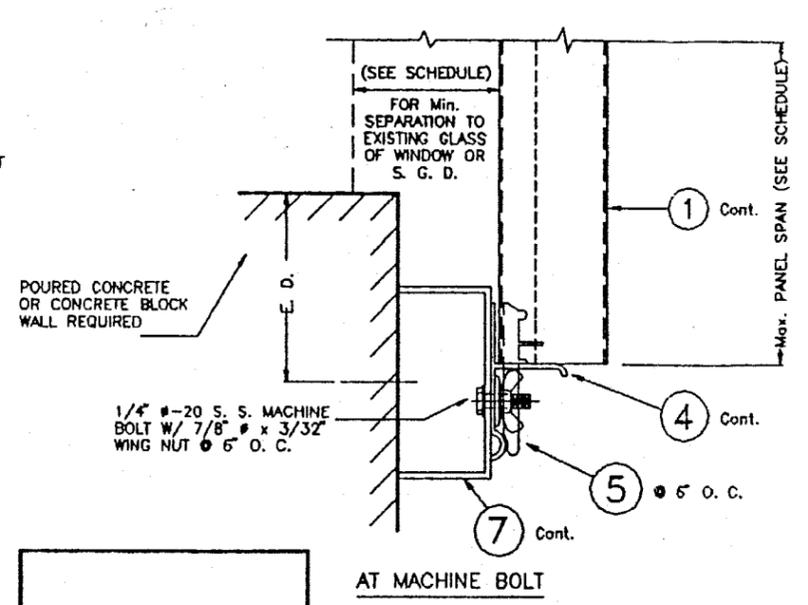
DADE COUNTY

**TILECO INC.**  
TILIT TESTING & ENGINEERING COMPANY  
8595 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FL 33186  
Phone: (305)671-1530 Fax: (305)671-1931  
WALTER A. TILIT Jr., P. E.  
FLORIDA Lic. 44167

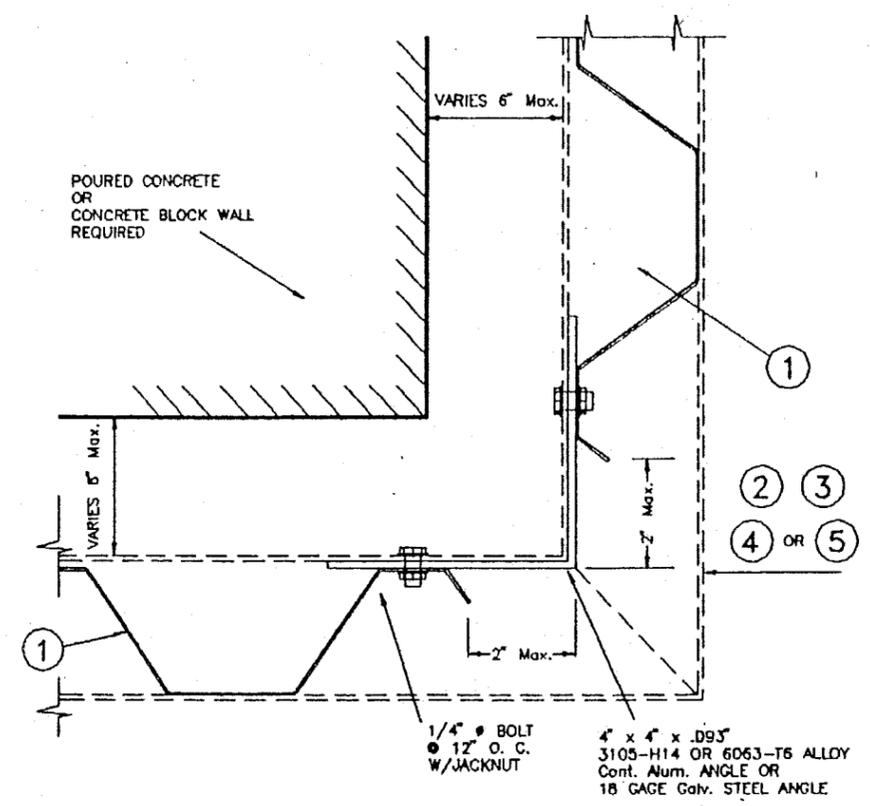
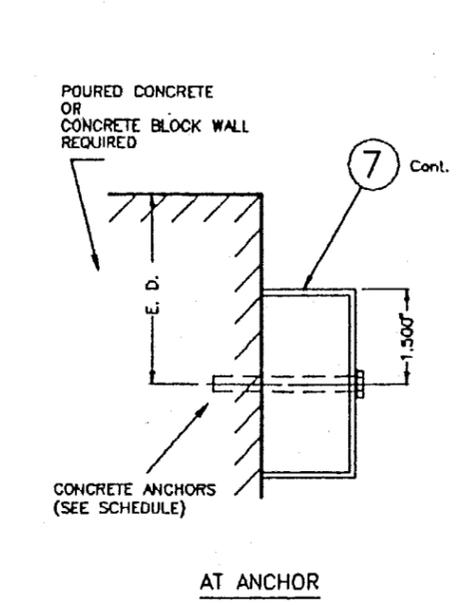
STORM PANEL		SCALE	
ALUFAB HURRICANE SHUTTERS, Inc.		03/31/94 DATE	
2349 N.W. 147 STREET OPA LOCKA, FLORIDA 33142		94 - 69	
REV. NO. DESCRIPTION DATE		DRAWING No	
1	LAST REVISION	8/18/94	0/23/95
2	LAST REVISION	7/3/93	
		SHEET 2 OF 6	



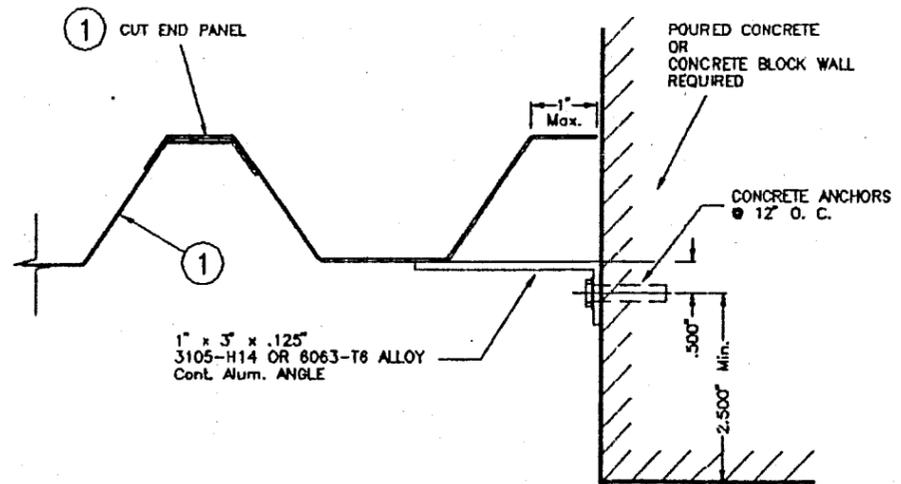
WALL MOUNTING INSTALLATION - OFFSET  
- SECTION 4



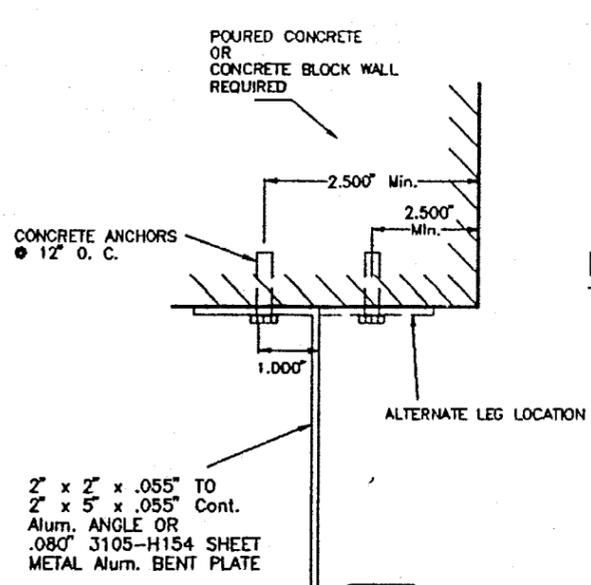
ALTERNATE WALL MOUNT. INSTALLAT. - OFFSET  
- SECTION 4A



CASE A (Plan)



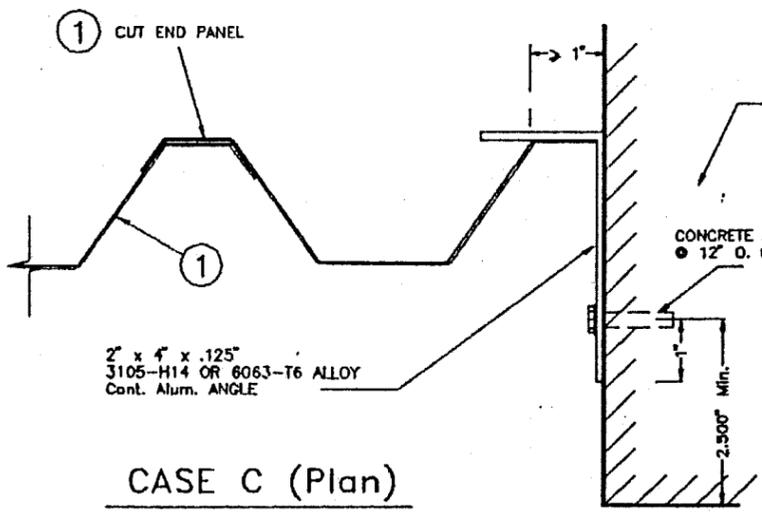
CASE B (Plan)



END CLOSURES DETAILS  
PRODUCT RENEWED

ACCEPTANCE No. 97-0205.01  
EXPIRATION DATE MARCH 6, 2008  
By Manuel Suez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE MARCH 21, 1996  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE No. 95-1030.01



CASE C (Plan)

PRODUCT RENEWED

ACCEPTANCE No. 00-0128.03  
EXPIRATION DATE MARCH 06, 2003  
By Helmut A. Mader  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

Harold Smith  
10/25/95

**TILECO Inc.**  
TILLIT TESTING & ENGINEERING COMPANY  
6595 N.W. 36th St., Ste. 217 VIRGINIA GARDENS, FL. 33166  
Phone: (305)871-1530 Fax: (305)871-1531  
WALTER A. TILLIT Jr., P. E.  
FLORIDA Lic. 44167

STORM PANEL		SCALE	
ALUFAB HURRICANE SHUTTERS, Inc.		03/31/94 DATE	
2349 N.W. 147 STREET OPA LOCKA, FLORIDA 33142		94 - 69 DRAWING No	
REV. NO	DESCRIPTION	DATE	REV. No
1	LAST REVISION	8/18/94	8
2	LAST REVISION	7/3/93	4
COMPANY'S NAME		DATE	
TILECO Inc.		9/23/95	
SHEET 3 OF 6			

DADE COUNTY

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

MAXIMUM DESIGN LOAD W (p.s.f.)	Max. PANEL SPAN L (ft.)	MINIMUM SEPARATION TO GLASS	APPLICABLE TO SECTIONS # (SEE SHEET 2 & 3 OF 6)
+50.0, -66.0	> 8'-3" TO 12'-4"	3"	1, 1A, 1B, 3, 3A, 4 & 4A
+60.0, -80.0	8'-3" OR LESS	2 1/4"	1, 1A, 1B, 3, 3A, 4 & 4A
+60.0, -80.0	5'-7" OR LESS	1 1/4"	1
+60.0, -80.0	7'-10" OR LESS	2 1/4"	2 & 2A

**PRODUCT RENEWED**

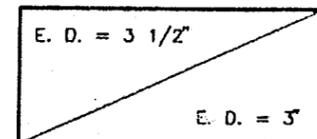
ACCEPTANCE No. 00-0128-03  
 EXPIRATION DATE March 06, 2003  
 By: Helmut A. Weber  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

**PRODUCT RENEWED**

ACCEPTANCE No. 97-0205-01  
 EXPIRATION DATE March 6, 2008  
 By: Manuel Stroz  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

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

MAXIMUM DESIGN LOAD W (p.s.f.)	MAXIMUM ANCHORS SPACING				APPLICABLE TO SECTIONS #	MAX. PANEL SPAN "L" (FL.)
	TAPCONS		TAMPINS			
	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY		
+50.0, -66.0	6" O. C. 6" O. C.	6" O. C. 5" O. C.	6" O. C. 6" O. C.	6" O. C. 6" O. C.	1, 1A, 1B, 3, 3A, 4 & 4A	>8'-3" TO 12'-4"
+60.0, -80.0	6" O. C. 6" O. C.	6" O. C. 6" O. C.	12" O. C. ** 6" O. C. **	12" O. C. ** 6" O. C. **	1, 1A, 1B, 3, 3A, 4 & 4A	8'-3" OR LESS
+60.0, -80.0	6" O. C. 6" O. C.	6" O. C. 6" O. C.	6" O. C. 6" O. C.	6" O. C. 6" O. C.	2 & 2A	7'-10" OR LESS



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

\*\* DIRECT MOUNT CONNECTION TO WALL W/  
TAMPIN ANCHORS AT 12" O. C., AND  
8'-3" PANEL SPANS SHALL ALWAYS BE  
PERFORMED W/ 3 1/2" EDGE DISTANCE (E. D.).  
USE MAXIMUM TAMPIN ANCHORS SPACING OF  
6" O. C. FOR DIRECT MOUNT INSTALLATION  
WHERE E. D. = 3".

*Walter A. Tillit Jr.*  
10/25/95

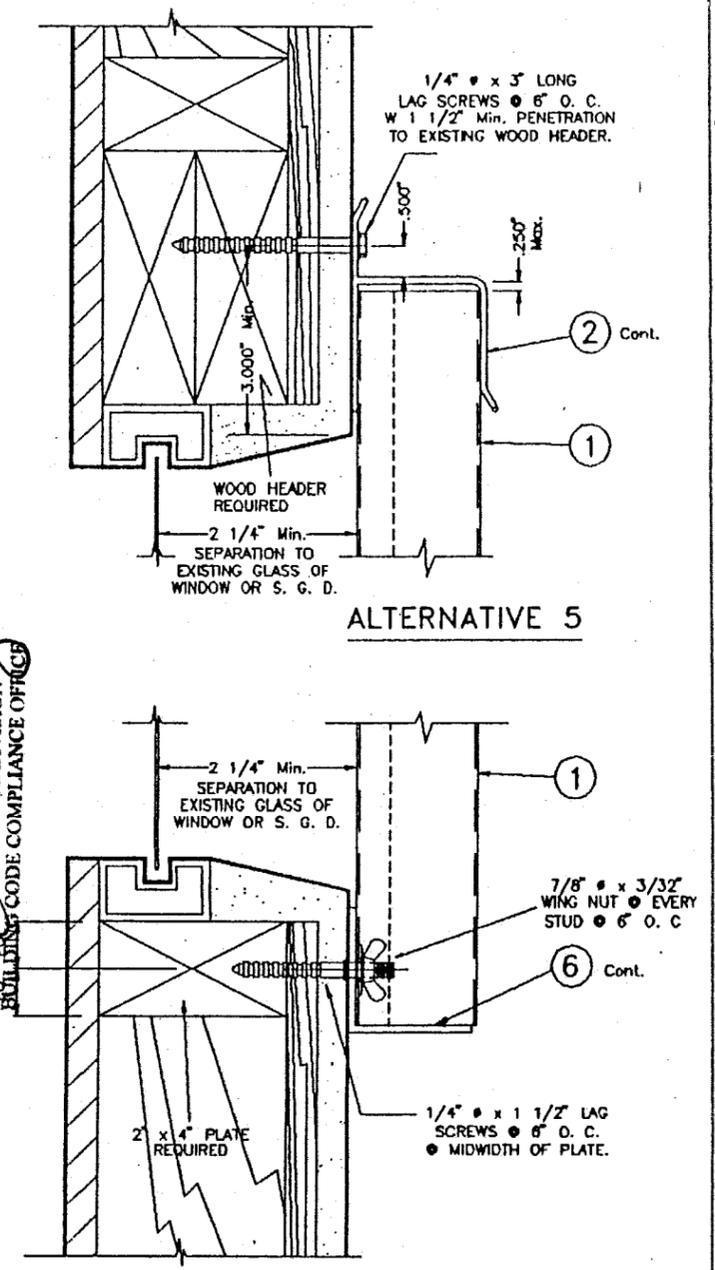
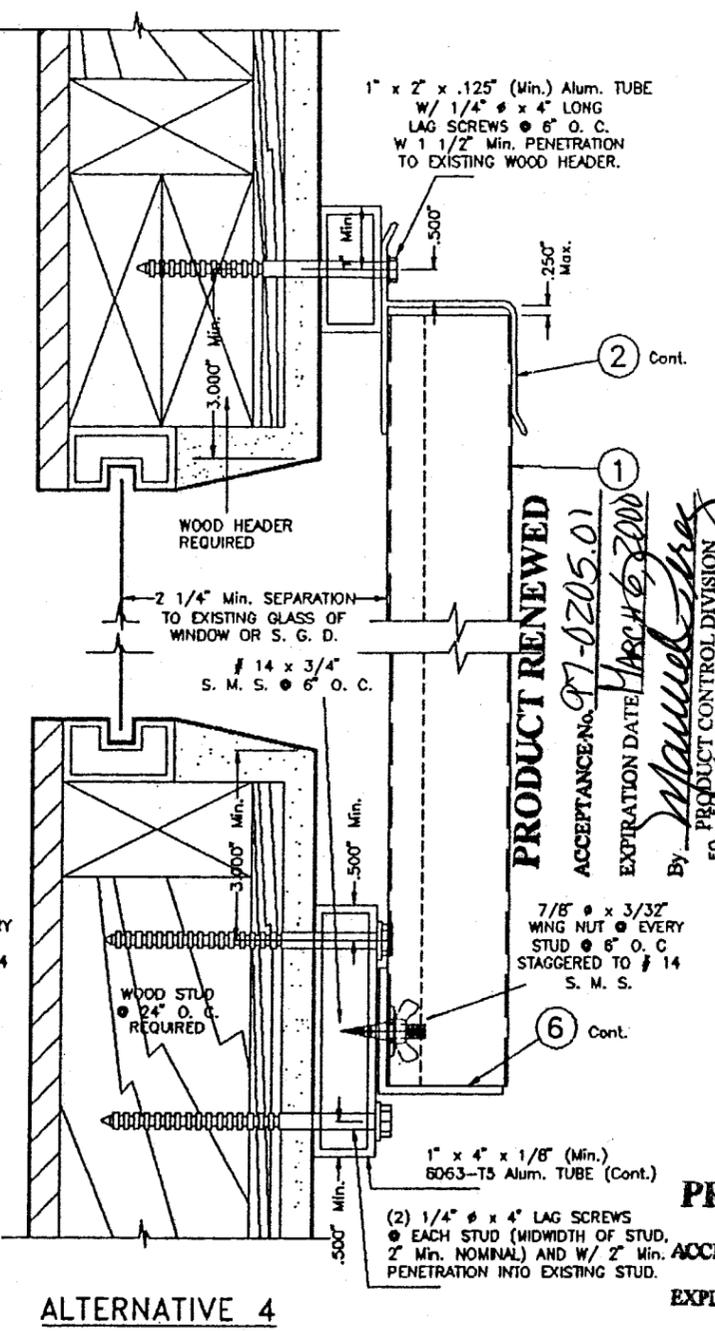
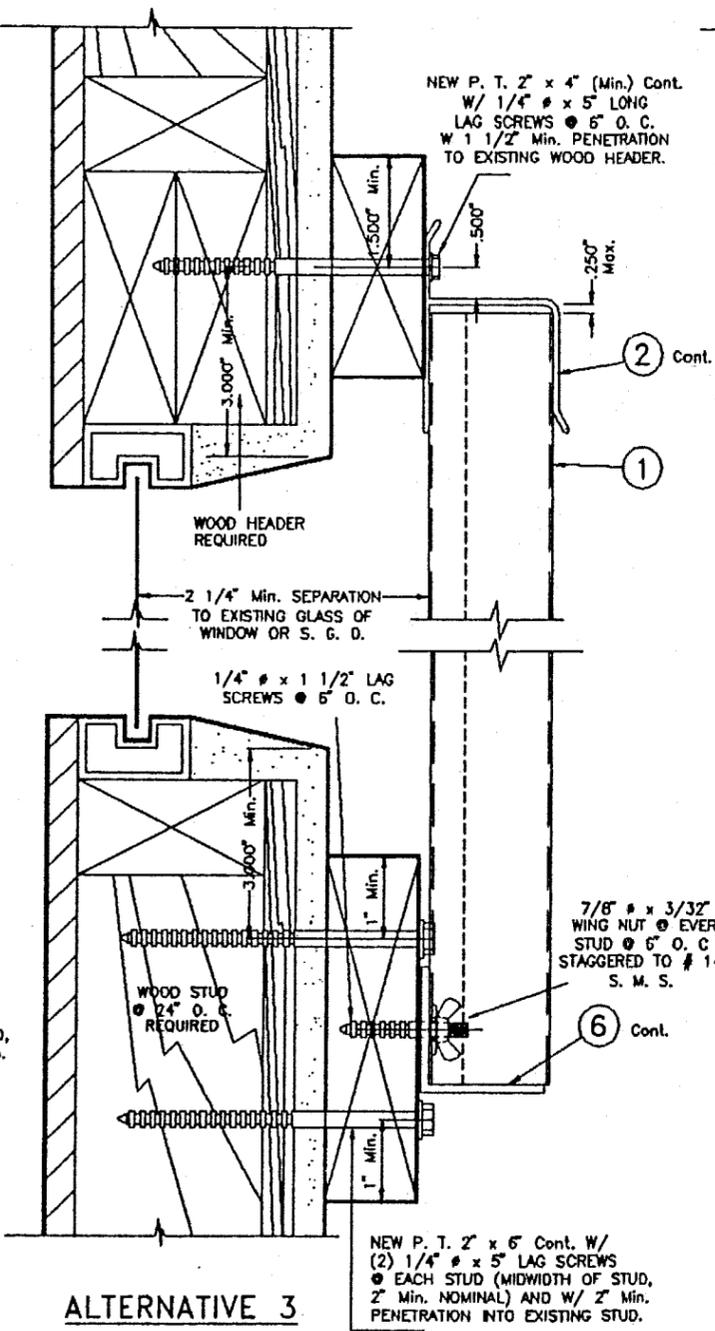
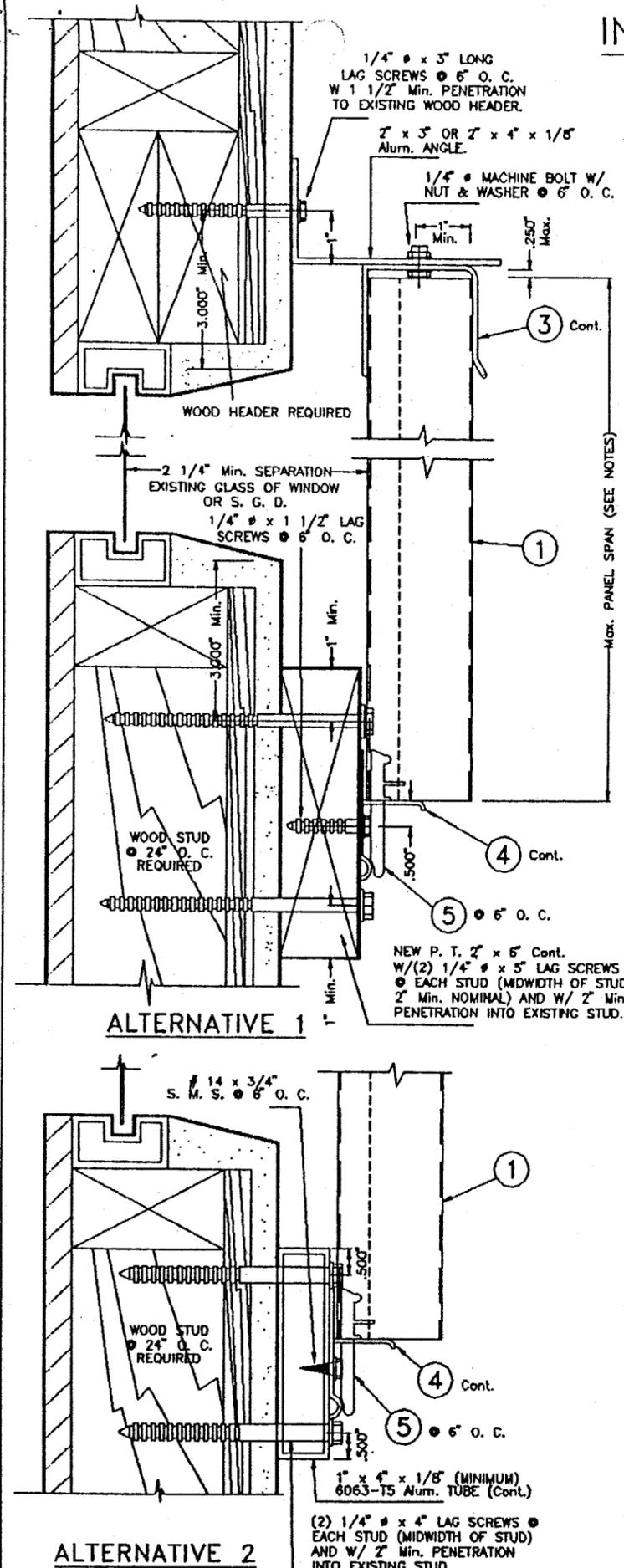
**TILECO Inc.**  
 TILLIT TESTING & ENGINEERING COMPANY  
 6595 N.W. 36th St., Ste. 217 VIRGINIA GARDENS, FL. 33186  
 Phone: (305)871-1530 Fax: (305)871-1531  
 WALTER A. TILLIT Jr., P. E.  
 FLORIDA Lic. 44167

STORM PANEL						SCALE
ALUFAB HURRICANE SHUTTERS, Inc.						03/31/94 DATE
2349 N.W. 147 STREET OPA LOCKA, FLORIDA 33142						94 - 69 DRAWING No
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 4 OF 6
1	LAST	8/23/95	3			
2			4			

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE MARCH 21 1996  
 BY: [Signature]  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 95-1030-01

DADE COUNTY

# INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS



**PRODUCT RENEWED**  
 ACCEPTANCE No. 97-0205.01  
 EXPIRATION DATE March 6, 2000  
 By: *Manuel Jara*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

**PRODUCT RENEWED** APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 ACCEPTANCE No. 00-0128.03 DATE MARCH 21 1996  
 EXPIRATION DATE March 06, 2000 BY *Helmy A. Matar*  
 PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE No. 95-1030.01  
*Drawn by: [Signature]*  
 10/27/98 DADE COUNTY

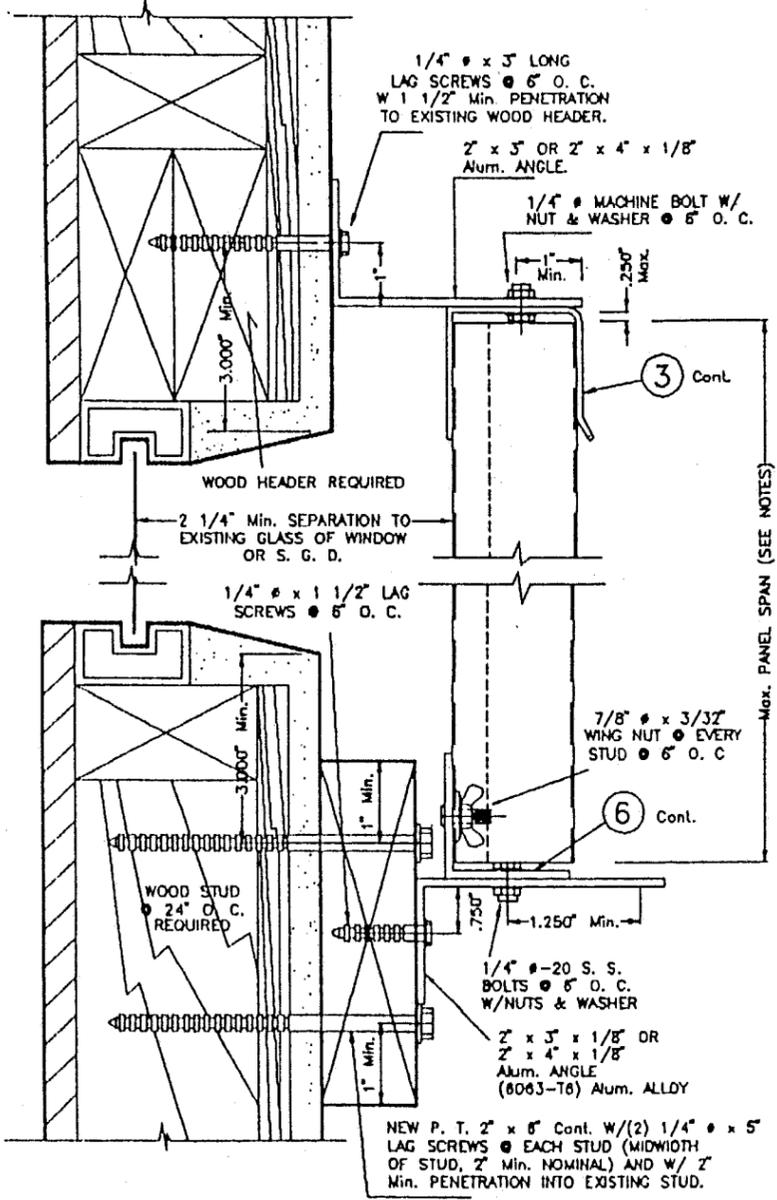
## WALL MOUNTING INSTALLATION - SECTIONS A

- NOTES:**
- INSTALLATIONS ARE ONLY VALID FOR BUILDINGS WITH MEAN ROOF HEIGHT LESS OR EQUAL THAN 30 FEET, AND FOR PANEL'S SPANS OF 8'-3" MAXIMUM (FOR SECTION A & B) & 7'-10" MAXIMUM (FOR SECTION C).
  - NEW 2" x 6" P. T. TO BE SOUTHERN PINE No. 2, SURFACED DRY WITH 19% M. M. C. W/ SPECIFIC DENSITY OF 0.55.
  - FOR NEW WOOD FRAME CONSTRUCTION; WOOD MEMBERS TO BE SOUTHERN PINE No. 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

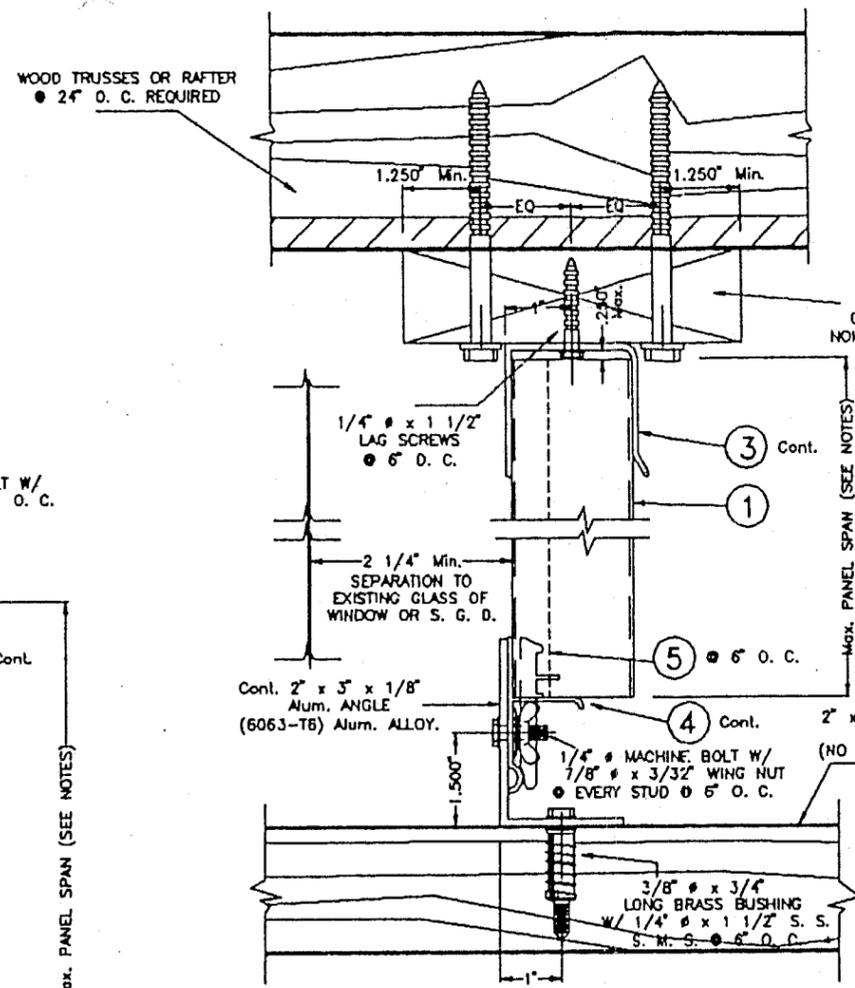
**TILECO Inc.**  
 TILIT TESTING & ENGINEERING COMPANY  
 6595 N.W. 34th St., Ste. 217 VIRGINIA GARDENS, FL 33186  
 Phone: (305)871-1530 Fax: (305)871-1531  
 WALTER A. TILIT Jr., P. E.  
 FLORIDA Lic. 44167

STORM PANEL						SCALE
ALUFAB HURRICANE SHUTTERS, Inc.						03/31/94 DATE
2349 N.W. 147 STREET OPA LOCKA, FLORIDA 33142						94 - 69 DRAWING No
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 5 OF 6
1	LAST REVISION	8/18/94	3	LAST	9/23/95	
2	LAST REVISION	7/3/93	4			

NOTE FOR COMBINATION OF SECTIONS:  
FLOOR/ WALL/ CEILING MOUNTING SECTIONS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

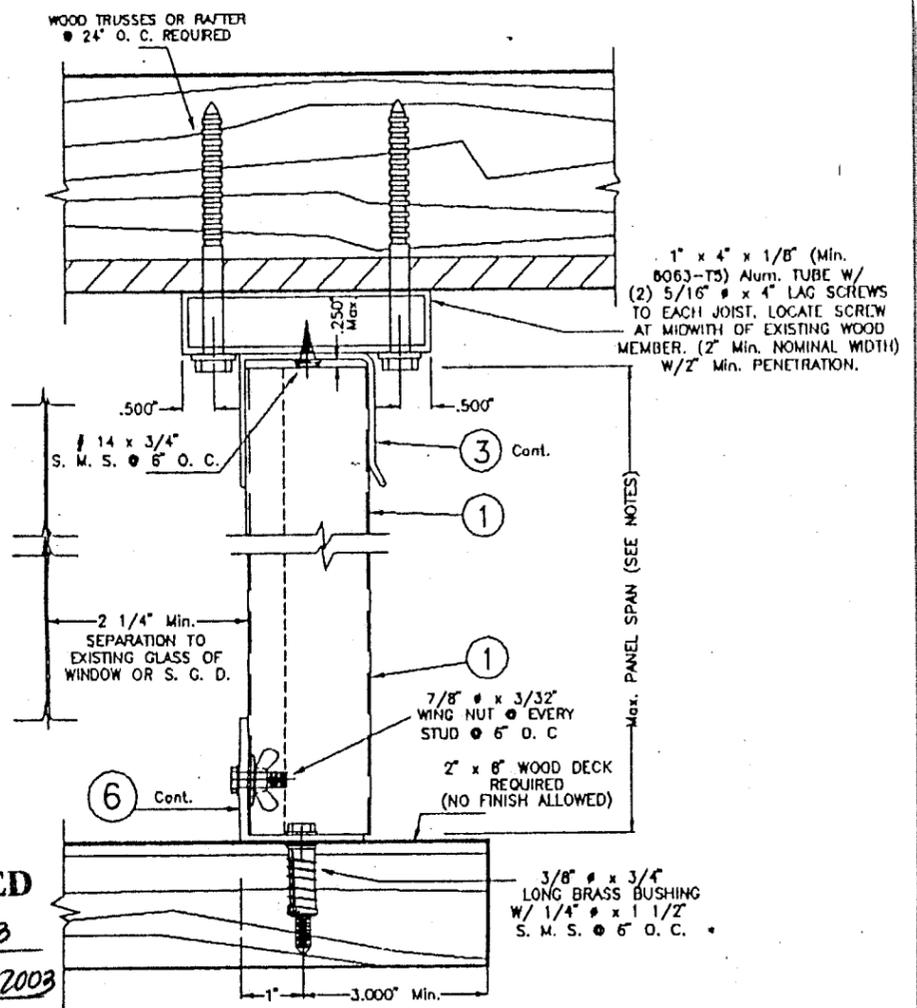


WALL MOUNTING INSTALLATION & (OFFSET)  
- SECTION B



ALTERNATIVE 1

NEW 2" x 6" P. T. Cont. WOOD PLATE W/ (2) 5/16" x 8" LAG SCREWS TO EACH RAFTER OR TRUSS. LOCATE SCREW AT MIDWIDTH OF EXISTING WOOD MEMBER. (2" Min. NOMINAL WIDTH) W/ 2" Min. PENETRATION.



ALTERNATIVE 2

CEILING & REMOVABLE FLOOR MOUNTING INSTALLATION - SECTION C

**PRODUCT RENEWED**  
ACCEPTANCE No. 00-0128-03  
EXPIRATION DATE March 06, 2003  
By Helmut A. Mohr  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

**PRODUCT RENEWED**  
ACCEPTANCE No. 97-0205.01  
EXPIRATION DATE MARCH 6, 2008  
By Manuel Serrano  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE MARCH 21, 1996  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 95-1030.01

INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS

- NOTES:
1. INSTALLATIONS ARE ONLY VALID FOR BUILDINGS WITH MEAN ROOF HEIGHT LESS OR EQUAL THAN 30 FEET, AND FOR PANEL'S SPANS OF 8'-3" MAXIMUM (FOR SECTIONS A & B) & 7'-10" MAXIMUM (FOR SECTION C).
  2. NEW 2" x 6" P. T. TO BE SOUTHERN PINE No. 2, SURFACED DRY WITH 19 x M. M. C. W/ SPECIFIC DENSITY OF 0.55.
  3. FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No. 2. W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

Manuel Serrano  
10/20/95

**TILECO INC.**  
TILIT TESTING & ENGINEERING COMPANY  
6565 N.W. 36th St., Ste. 217 VERO BEACH, FL 33166  
Phone: (305)871-1530 Fax: (305)871-1531  
WALTER A. TILIT Jr., P. E.  
FLORIDA Lic. 44167

**STORM PANEL**  
**ALUFAB HURRICANE SHUTTERS, Inc.**  
2349 N.W. 147 STREET  
OPA LOCKA, FLORIDA 33142

REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	LAST REVISION	8/18/94	3	LAST	9/23/95
2	LAST REVISION	7/3/93	4		

DADE COUNTY  
SCALE  
03/31/94  
DATE  
94 - 69  
DRAWING No  
SHEET 6 OF 6