



**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

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

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

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

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Hurricane Manufacturing Corporation**  
12038 Miramar Parkway  
Miramar, FL 33025

Your application for Notice of Acceptance (NOA) of:

**HPMA / "Performance System 1" Aluminum Accordion 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 NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time 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 by 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.: 01-0717.02**  
**EXPIRES: 08/31/2006**

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 Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 08/31/2001**

Hurricane Manufacturing Corporation, Inc.

ACCEPTANCE No. : 01-0717.02

APPROVED : 08/31/2001

EXPIRES : 08/31/2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

**1. SCOPE**

This approves an Aluminum Accordion 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 Aluminum Accordion Shutter and its components shall be constructed in strict compliance with the following documents: Drawing No. 01-123, titled "HPMA / Performance System 1 Accordion Shutter", prepared by Tilteco, Inc., dated May 03, 2001, signed and sealed by Walter A. Tillit Jr., P.E., sheets 1 through 6 of 6, 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. 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 Aluminum Accordion Shutter and its components shall be installed in strict compliance with the approved drawings.

**5. 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".

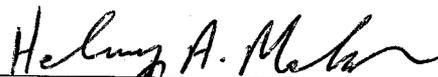
**6. BUILDING PERMIT REQUIREMENTS**

**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

Hurricane Manufacturing Corporation, Inc.

ACCEPTANCE No. : 01-0717.02

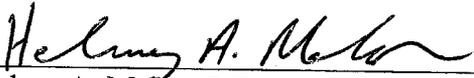
APPROVED : 08/31/2001

EXPIRES : 08/31/2006

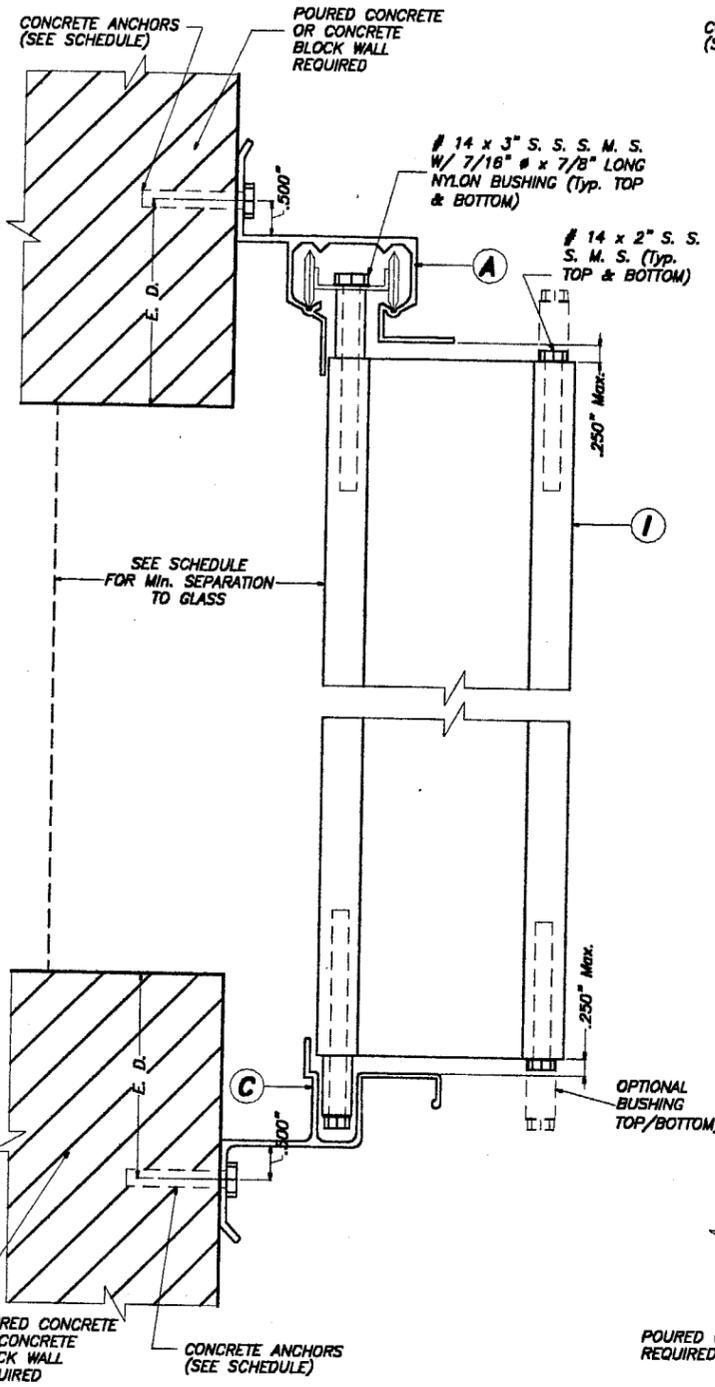
**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

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.

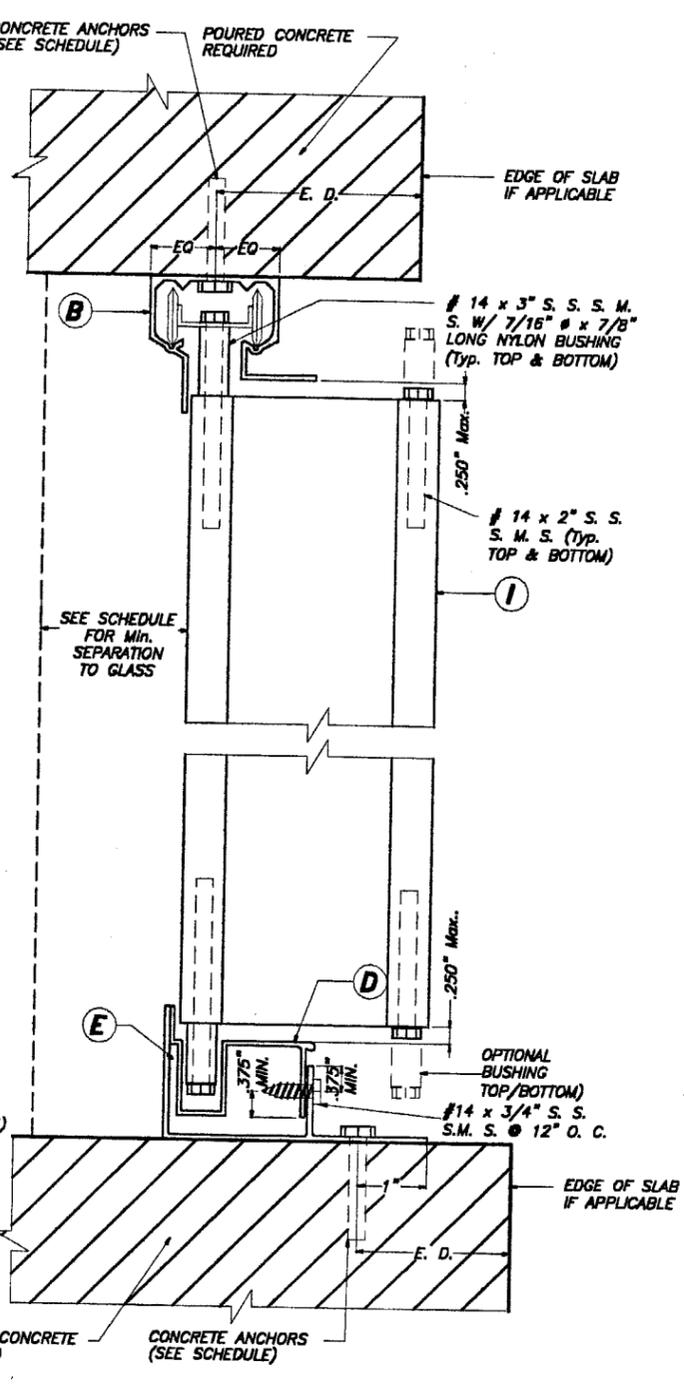
**END OF THIS ACCEPTANCE**

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

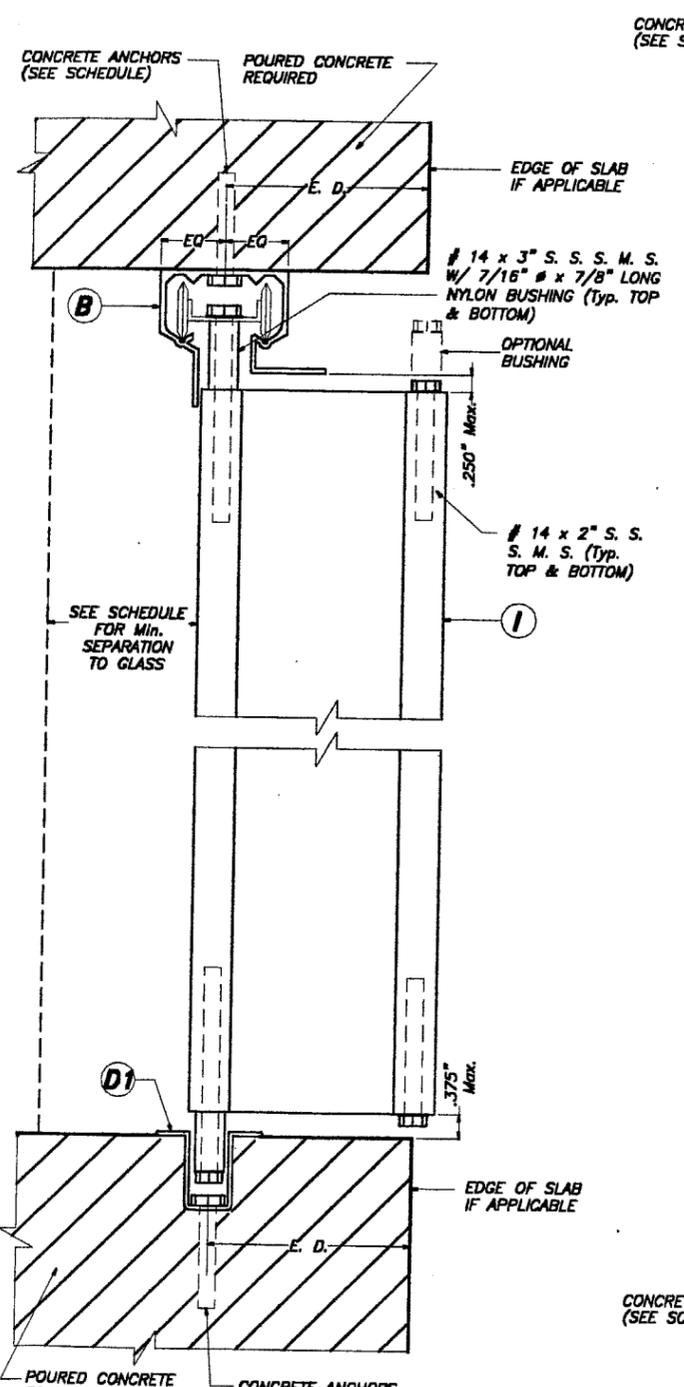




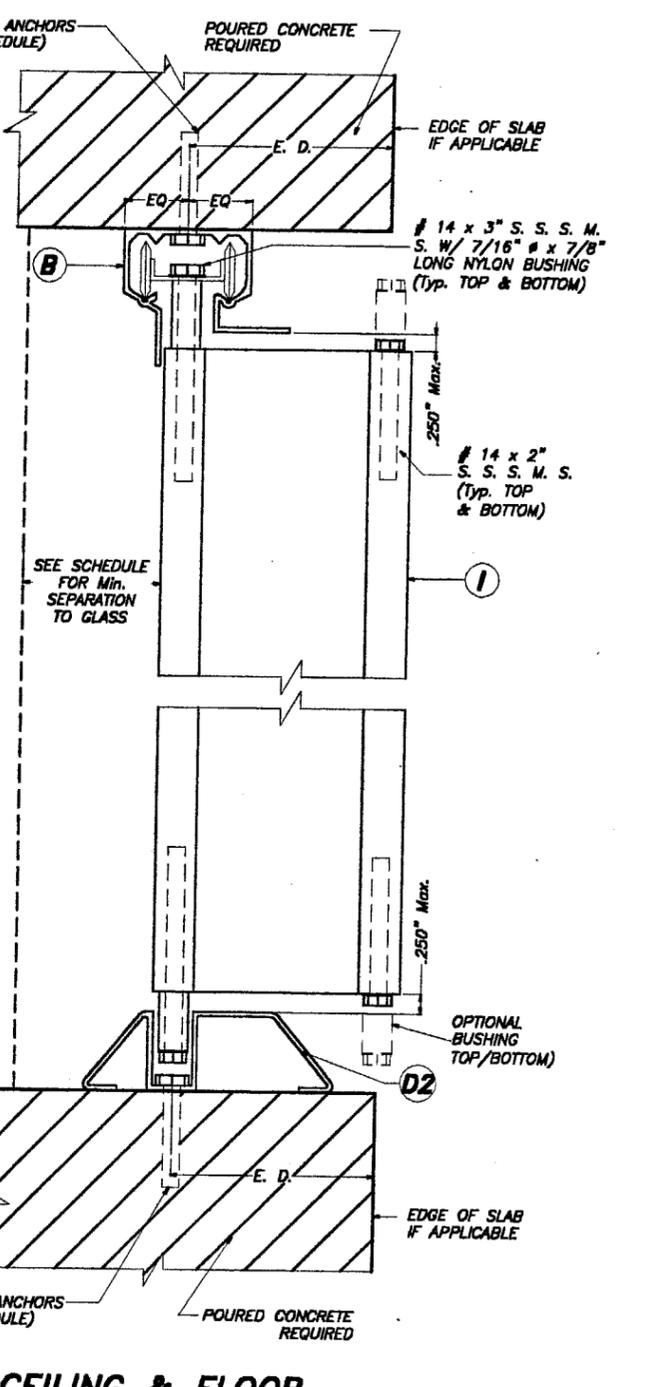
**WALL MOUNTING  
INSTALLATION  
SECTION A**  
SCALE : 3/8" = 1"



**CEILING & FLOOR  
MOUNTING INSTALLATION  
SECTION B**  
SCALE : 3/8" = 1"



**CEILING & FLOOR  
MOUNTING INSTALLATION  
SECTION B1**  
SCALE : 3/8" = 1"



**CEILING & FLOOR  
MOUNTING INSTALLATION  
SECTION B2**  
SCALE : 3/8" = 1"

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE 08/31/2001  
BY *Helmer A. Mader*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0717-02

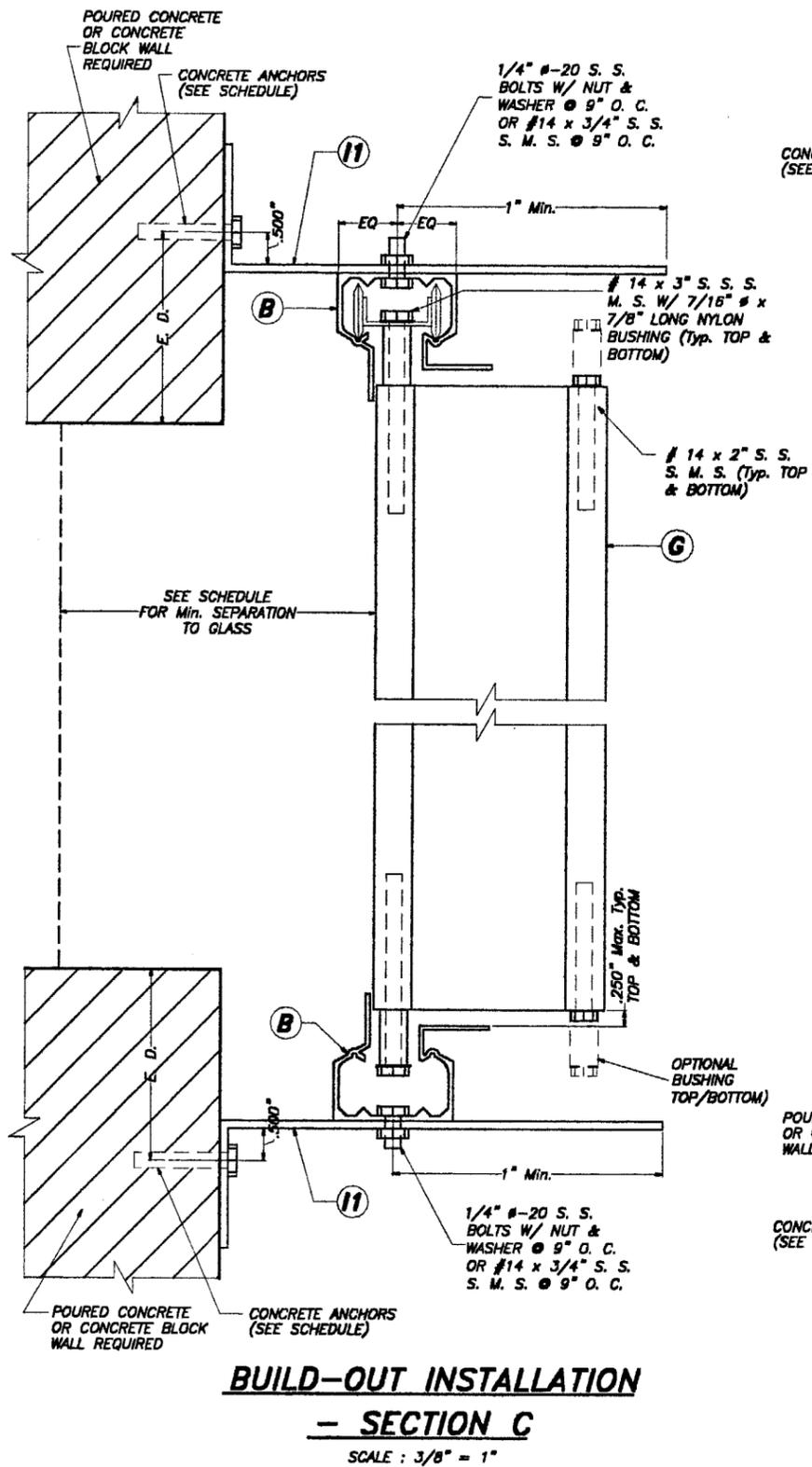
*David J. ...*  
5/4/01

**TILECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
8585 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FL. 33168  
Phone : (305)871-1530 Fax : (305)871-1531  
EB-0006719  
WALTER A. TILLIT Jr., P. E.  
FLORIDA Lic. # 44167

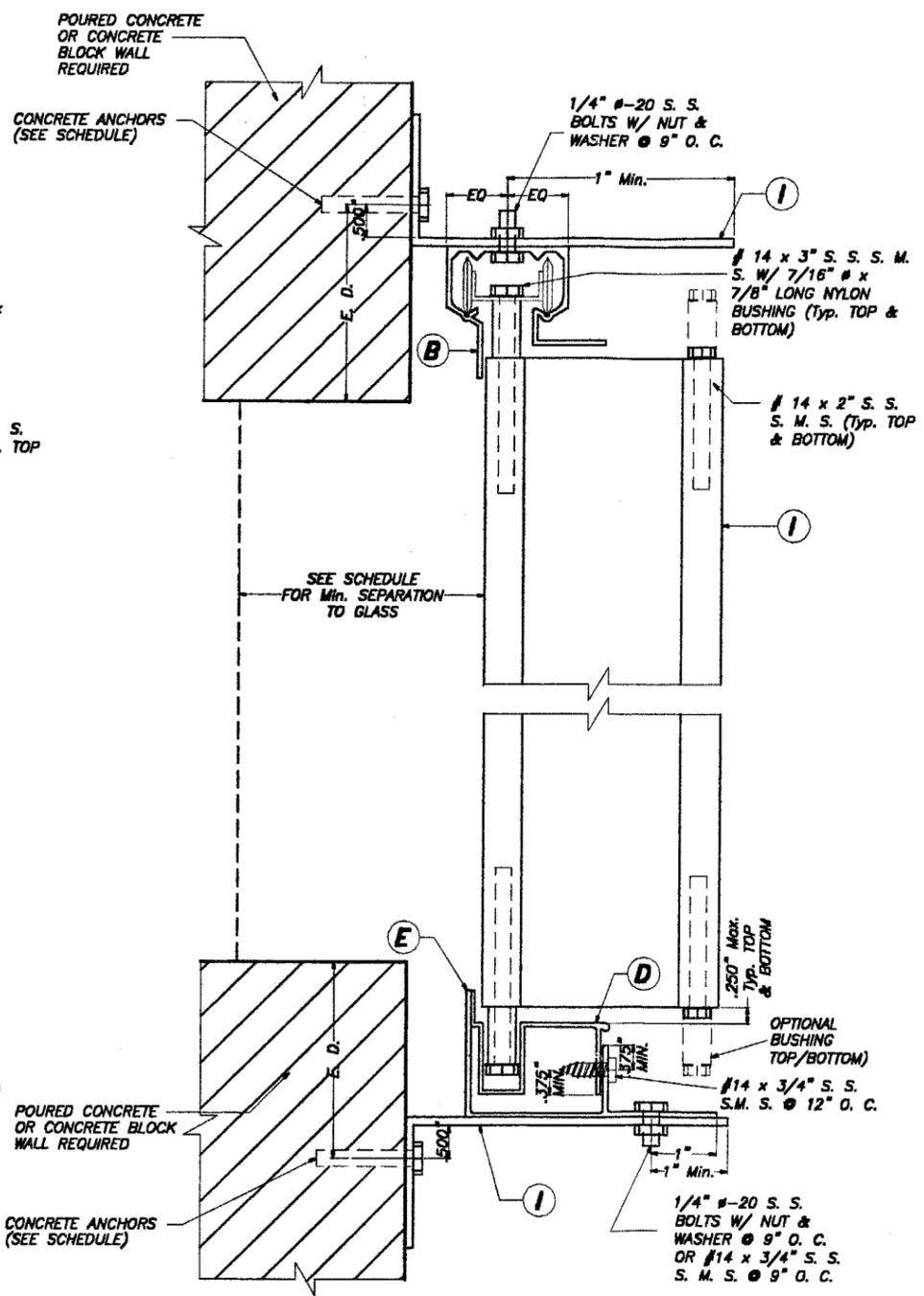
MIAMI-DADE COUNTY

HPMA / PERFORMANCE SYSTEM 1 ACCORDION SHUTTER		AS SHOWN SCALE	
HURRICANE MANUFACTURING CORPORATION, INC.		5/3/01 DATE	
12038 Miramar Parkway Miramar, Florida 33025		01-123 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No
1	-	-	2
2	-	-	4

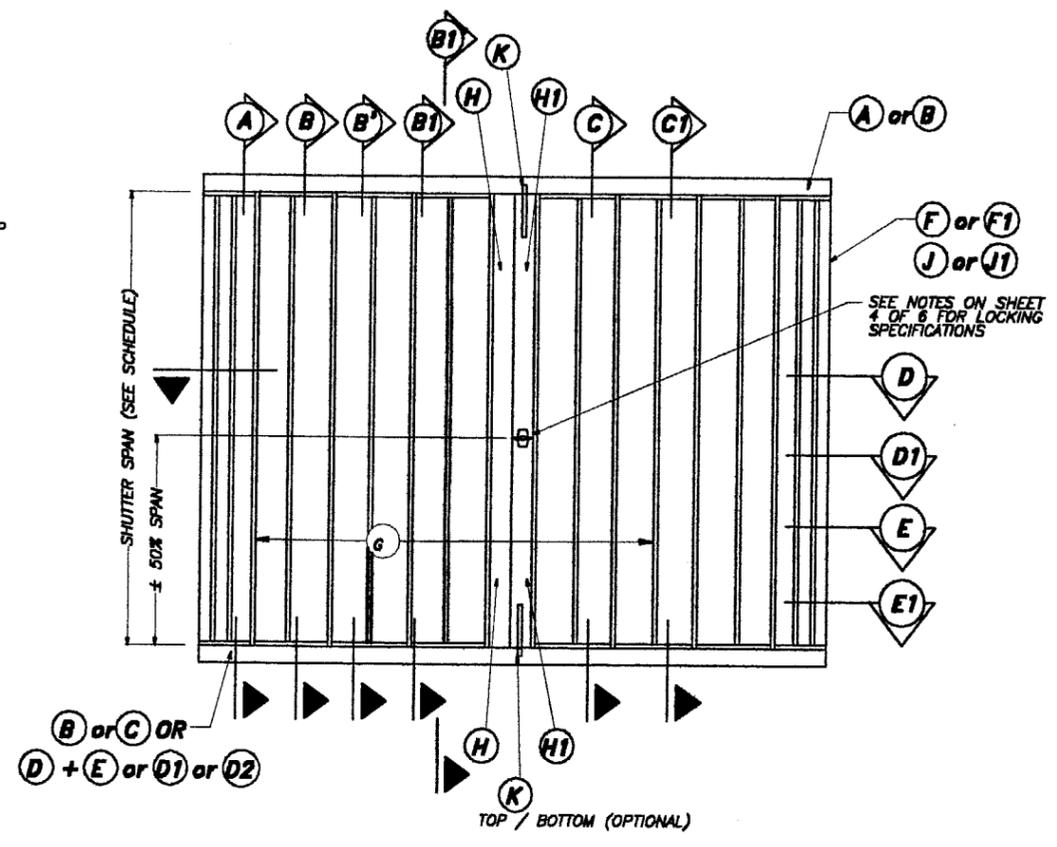
SHEET 2 OF 6



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



**BUILD-OUT INSTALLATION**  
**- SECTION C1**  
 SCALE : 3/8" = 1"



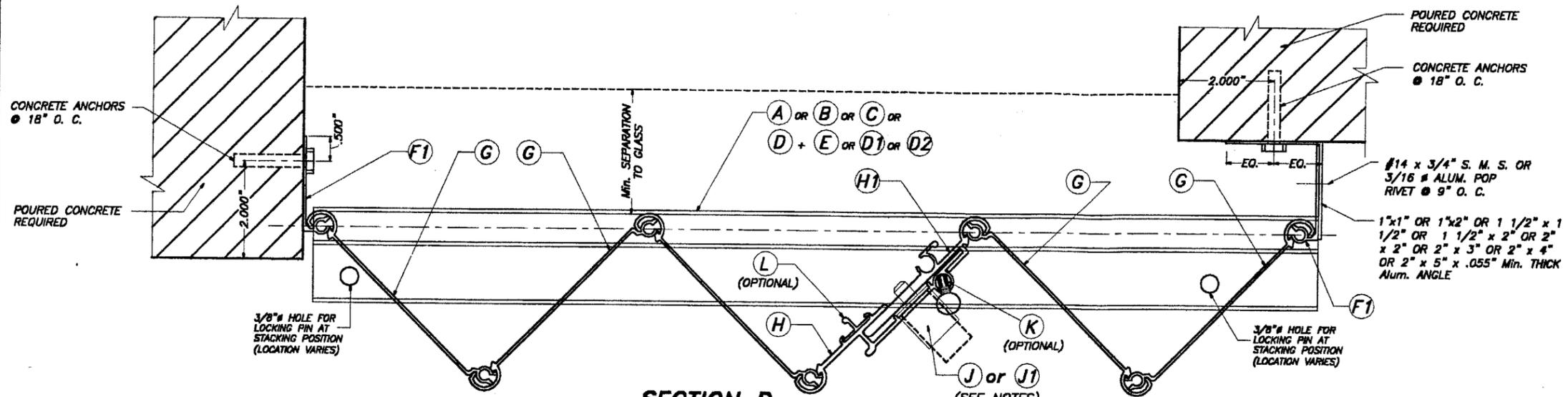
**TYPICAL ELEVATION**  
 N. T. S.

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE 08/31/2001  
 BY *Helmut H. Weber*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 01-0717-02

MIAMI-DADE COUNTY

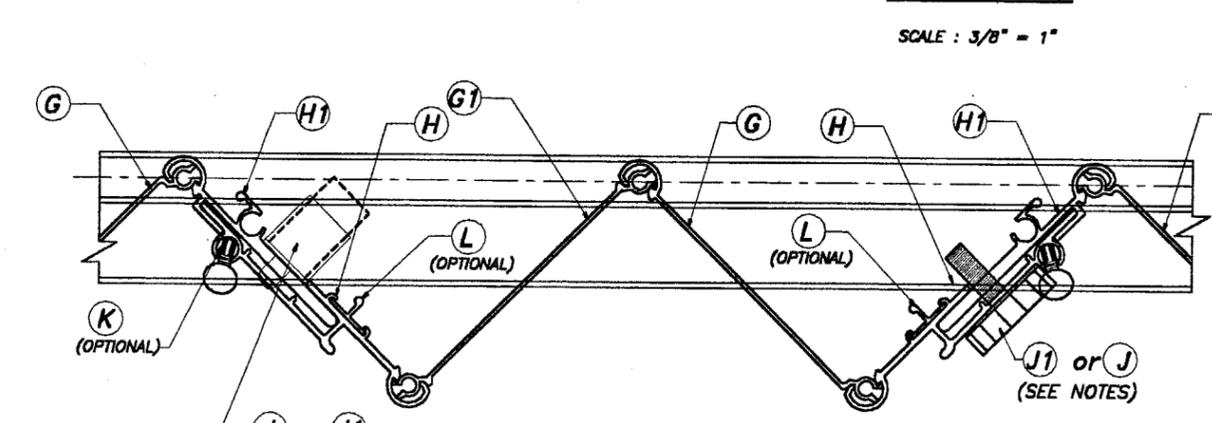
*David*  
 5/4/01

 <b>TILECO INC.</b> <small>TILLIT TESTING &amp; ENGINEERING COMPANY</small> <small>6585 N.W. 36th 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>		HPMA / PERFORMANCE SYSTEM 1 ACCORDION SHUTTER	AS SHOWN SCALE
		<b>HURRICANE MANUFACTURING CORPORATION, INC.</b> <small>12038 Miramar Parkway</small> <small>Miramar, Florida 33025</small>	5/3/01 DATE
		01-123 DRAWING No	
		SHEET 3 OF 6	

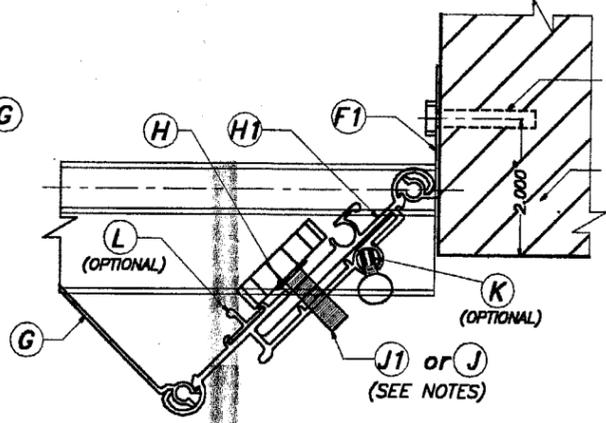


**SECTION D**  
SCALE: 3/8" = 1"

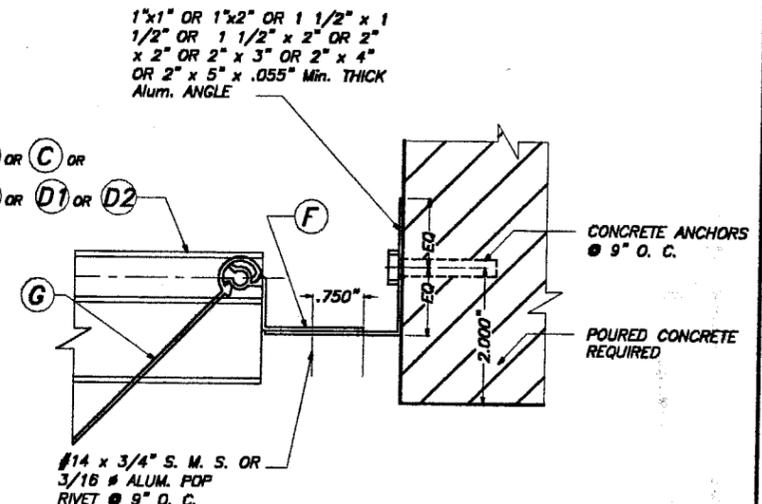
**NOTES FOR LOCKING OF (H) & (H1)**  
 1-PUSH BOTTOM LOCK (J) MAY BE USED FOR INSTALLATIONS SECURED FROM THE OUTSIDE OR INSIDE OF SHUTTER. WHEN INSTALLING (J) FROM THE OUTSIDE, A 7/8" HOLE SHALL BE DRILLED AT (H) AND (J) MUST BE RIVETED FROM THE BACK OF (H) TO THE FRONT W/ (2) 3/16" ALUM. POP RIVETS. A 3/8" HOLE MUST THEN BE DRILLED AT (H1) TO ALLOW FOR (J)'S PIN TO PASS THRU. WHEN INSTALLING (J) FROM THE INSIDE, (J) MUST BE RIVETED TO (H1) W/ (2) 3/16" ALUM. POP RIVETS. A 3/8" HOLE MUST THEN BE DRILLED THRU (H) AND (H1) TO ALLOW FOR (J)'S PIN TO PASS THRU.  
 2-5/16"x1" LOCK (J1) MAY BE USED ALTERNATIVELY TO (J) FOR INSTALLATIONS SECURED FROM THE OUTSIDE OR INSIDE OF SHUTTER. IN THIS CASE, A 5/16" HOLE SHALL BE DRILLED THRU (H) AND (H1). HOLE DRILLED TO (H1) SHALL BE TAPPED TO ACCEPT 18 THREADS PER INCH MACHINE SCREW.



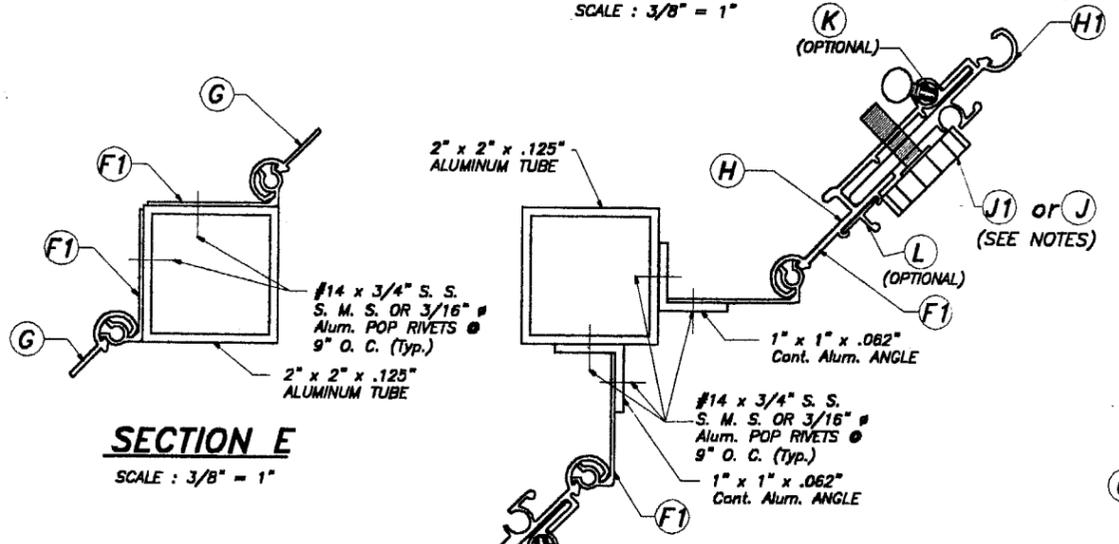
**SECTION D1 (& MULTIPLE SHUTTERS)**  
SCALE: 3/8" = 1"



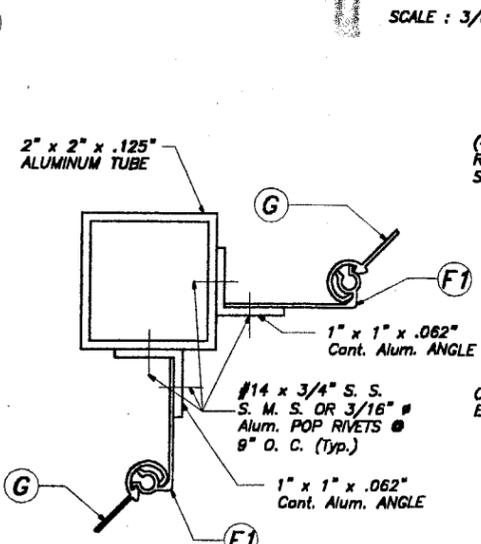
**ONE SIDED SECTION: END CONNECTION DETAIL**  
SCALE: 3/8" = 1"



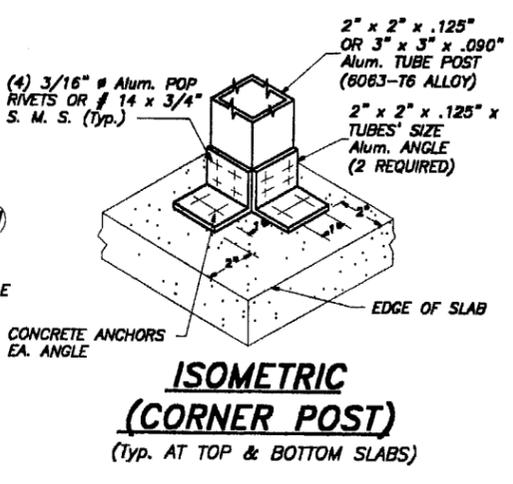
**ALTERNATE CLOSURE DETAIL W / (F)**  
SCALE: 3/8" = 1"



**SECTION E1**  
SCALE: 3/8" = 1"



**SECTION E2**  
SCALE: 3/8" = 1"



**ISOMETRIC (CORNER POST)**  
(Typ. AT TOP & BOTTOM SLABS)

**NOTE:**  
SECTIONS SHOWN CAN BE COMBINED TO SUIT ANY INSTALLATION.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE 08/31/2001  
 BY *Helmut A. Tillit*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 01-0717-02

MIAMI-DADE COUNTY

 <b>TILECO INC.</b> TILLIT TESTING & ENGINEERING COMPANY 6585 N.W. 36th St., Ste. 217, VIRGINIA GARDENS, FL 33169 Phone: (305)871-1530, Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167		HPMA / PERFORMANCE SYSTEM 1 ACCORDION SHUTTER	AS SHOWN SCALE
		HURRICANE MANUFACTURING CORPORATION, INC. 12038 Miramar Parkway Miramar, Florida 33025	5/3/01 DATE
		01-123	DRAWING No
		SHEET 4 OF 6	

*Handwritten signature and date:*  
 5/4/01

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

(VALID FOR SECTIONS A, B, B1, B2, C & C1 ON SHEET 2 & 3).

NOTE: DESIGN PRESSURE RATING CORRESPONDS ONLY TO NEGATIVE PRESSURE (SUCTION) LOADS, IN ACCORDANCE WITH ASCE 7-88 CRITERIA FOR A GIVEN OPENING. IF NEGATIVE PRESSURE VALUES COMPLY WITH THE REQUIRED PRESSURE FOR THE OPENING, THE POSITIVE PRESSURE WILL AUTOMATICALLY QUALIFY AND NEED NOT TO BE CHECKED.

MAXIMUM DESIGN LOAD "W" (p.s.f.)	MAXIMUM SHUTTER SPAN FOR SECTIONS "L" (ft.)		MINIMUM SEPARATION TO GLASS (in.)	
	B, B1, B2 C & C1	A	*	**
40	14'-1"	12'-5"	3"	3"
45	13'-8"	11'-8"	3"	3"
50	13'-0"	11'-1"	3"	3"
55	12'-5"	10'-7"	2 3/4"	2 1/2"
60	11'-10"	10'-1"	2 3/4"	2 1/2"
65	11'-5"	9'-9"	2 3/4"	2 1/2"
70	11'-0"	9'-4"	2 3/4"	2 1/2"
75	10'-7"	9'-1"	2 3/4"	2 1/2"
80	10'-3"	8'-9"	2 3/4"	2 1/2"
85	10'-0"	8'-6"	2 3/4"	2 1/2"
90	9'-8"	8'-3"	2 3/4"	2 1/2"
95	9'-5"	8'-0"	2 3/4"	2 1/2"
100	9'-2"	7'-8"	2 3/4"	2 1/2"
105	9'-0"	7'-4"	2 3/4"	2"
110	8'-9"	7'-0"	2 3/4"	2"
115	8'-7"	6'-8"	2 3/4"	2"
120	8'-5"	6'-5"	2 3/4"	2"
125	8'-3"	6'-2"	2 3/4"	2"
130	8'-1"	5'-11"	2 3/4"	2"
135	7'-10"	5'-8"	2 1/4"	2"
140	7'-6"	5'-6"	2 1/4"	2"
145	7'-3"	5'-4"	2 1/4"	2"
150	7'-0"	5'-1"	2 1/4"	2"
155	6'-10"	4'-11"	2 1/4"	2"
160	6'-7"	4'-10"	2 1/4"	2"
165	6'-5"	4'-8"	2 1/4"	2"
170	6'-2"	4'-6"	2 1/4"	2"
175	6'-0"	4'-5"	2 1/4"	2"
180	5'-10"	4'-3"	2 1/4"	2"
185	5'-8"	4'-2"	2 1/4"	2"
190	5'-7"	4'-1"	2 1/4"	2"
195	5'-5"	3'-11"	2 1/4"	2"
200	5'-3"	3'-10"	2 1/4"	2"
205	5'-2"	3'-9"	2 1/4"	2"
210	5'-0"	3'-8"	2 1/4"	2"
215	4'-11"	3'-7"	2 1/4"	2"
220	4'-9"	3'-6"	2 1/4"	2"
225	4'-8"	3'-5"	2 1/4"	2"
230	4'-7"	3'-4"	2 1/4"	2"

\* FOR SHUTTERS INSTALLED WITHIN THE FIRST 30'-0" ELEVATION OF BUILDING MEASURED AT BOTTOM OF SHUTTER.

\*\* FOR SHUTTERS INSTALLED ABOVE 30'-0" ELEVATION OF BUILDING, MEASURED AT BOTTOM OF SHUTTER.

**MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING (in.) SCHEDULE. +**  
(VALID FOR SECTION A ON SHEET 2).

MAXIMUM DESIGN LOAD "W" (p.s.f.)	WALL MOUNTING INSTALLATION AT TOP OR BOTTOM (TO CONCRETE)			WALL MOUNTING INSTALLATION AT TOP OR BOTTOM (TO MASONRY)		
	SHUTTER SPAN			SHUTTER SPAN		
	5'-0" OR LESS	5'-0" TO 8'-6"	8'-6" TO MAX. ALLOWED	5'-0" OR LESS	5'-0" TO 8'-6"	8'-6" TO MAX. ALLOWED
FROM 40.0 TO 60.0	9	9	9	9	8	4.5
	9	9	9	9	9	6.5
	9	9	9	9	9	9
FROM >60.0 TO 75.0	9	9	9	9	4	3
	9	9	9	9	5.5	5
	9	9	9	9	8.5	6.5
FROM >75.0 TO 90.0	9	8.5	8.5	9	-	-
	9	8.5	8.5	9	4	4
	9	9	9	9	5.5	5.5
FROM >90.0 TO 120.0	9	7.5	7.5	4.5	-	-
	9	7.5	7.5	6.5	3.5	-
	9	9	9	9	5	-
FROM >120.0 TO 170.0	8	8	-	-	-	-
	8	8	-	3.5	3.5	-
	9	9	-	5	5	-
FROM >170.0 TO 230.0	8	8	-	-	-	-
	8	8	-	3.5	3.5	-
	9	9	-	5	5	-

**MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING (in.) SCHEDULE. +**  
(VALID FOR SECTIONS C1 ON SHEET 3).

MAXIMUM DESIGN LOAD "W" (p.s.f.)	WALL MOUNTING INSTALLATION AT TOP OR BOTTOM (TO CONCRETE)			WALL MOUNTING INSTALLATION AT TOP OR BOTTOM (TO MASONRY)		
	SHUTTER SPAN			SHUTTER SPAN		
	5'-0" OR LESS	5'-0" TO 8'-6"	8'-6" TO MAX. ALLOWED	5'-0" OR LESS	5'-0" TO 8'-6"	8'-6" TO MAX. ALLOWED
FROM 40.0 TO 60.0	9	9	9	9	9	4.5
	9	9	9	9	9	6.5
	9	9	9	9	9	9
FROM >60.0 TO 75.0	9	9	9	9	6	3.5
	9	9	9	9	8.5	5.5
	9	9	9	9	9	7.5
FROM >75.0 TO 90.0	9	9	9	9	4	3
	9	9	9	9	5.5	4.5
	9	9	9	9	9	6.5
FROM >90.0 TO 120.0	9	7.5	7.5	7	-	-
	9	7.5	7.5	9	3.5	3.5
	9	9	9	9	5	5
FROM >120.0 TO 170.0	9	7	-	3	-	-
	9	7	-	4.5	3	-
	9	9	-	6.5	4.5	-
FROM >170.0 TO 230.0	7	7	-	-	-	-
	7	7	-	3	3	-
	9	9	-	4.5	4.5	-

+ 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
3"	.86
2 1/2"	.75
2"	.50

*David*  
5/4/01

**MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING (in.) SCHEDULE. +**  
(VALID FOR SECTIONS B, B1, B2 ON SHEET 2).

MAXIMUM DESIGN LOAD "W" (p.s.f.)	FLOOR/CEILING MOUNTING INSTALLATION AT TOP OR BOTTOM (TO CONCRETE)		
	SHUTTER SPAN		
	5'-0" OR LESS	5'-0" TO 8'-6"	8'-6" TO MAX. ALLOWED
FROM 40.0 TO 60.0	9	9	8.5
	9	9	9
	9	9	9
FROM >60.0 TO 75.0	9	9	8
	9	9	8
	9	9	9
FROM >75.0 TO 90.0	9	8	7
	9	8.5	7.5
	9	9	9
FROM >90.0 TO 120.0	9	6	6
	9	6.5	6.5
	9	9	9
FROM >120.0 TO 170.0	7.5	6	-
	7.5	6	-
	9	8.5	-
FROM >170.0 TO 230.0	6	6	-
	6	6	-
	8.5	8.5	-

(VALID FOR SECTION C ON SHEET 3).

MAXIMUM DESIGN LOAD "W" (p.s.f.)	WALL MOUNTING INSTALLATION AT TOP OR BOTTOM (TO CONCRETE)			WALL MOUNTING INSTALLATION AT TOP OR BOTTOM (TO MASONRY)		
	SHUTTER SPAN			SHUTTER SPAN		
	5'-0" OR LESS	5'-0" TO 8'-6"	8'-6" TO MAX. ALLOWED	5'-0" OR LESS	5'-0" TO 8'-6"	8'-6" TO MAX. ALLOWED
FROM 40.0 TO 60.0	9	9	9	9	9	6.5
	9	9	9	9	9	9
	9	9	9	9	9	9
FROM >60.0 TO 75.0	9	9	9	9	7.5	6
	9	9	9	9	9	8.5
	9	9	9	9	9	9
FROM >75.0 TO 90.0	9	9	9	9	6	5.5
	9	9	9	9	9	8
	9	9	9	9	9	9
FROM >90.0 TO 120.0	9	9	9	8	4.5	4.5
	9	9	9	9	7	7
	9	9	9	9	9	9
FROM >120.0 TO 170.0	9	9	-	5	4.5	-
	9	9	-	8	6.5	-
	9	9	-	9	9	-
FROM >170.0 TO 230.0	9	9	-	4.5	4.5	-
	9	9	-	6.5	6.5	-
	9	9	-	9	9	-

**ANCHORS LEGEND**

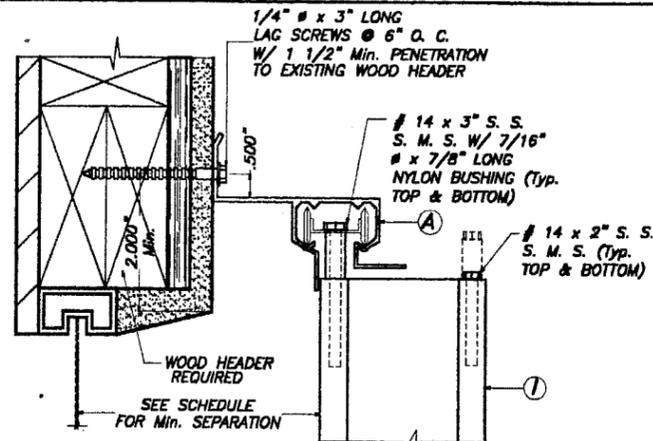
ANCHORS TYPE	ANCHOR MIN. SPACING
TAPCON OR MAXI-SET TAPCONS	3.0"
CALK-IN 3000 psi. (MIN.) CONCRETE	2.5"
CRETE-FLEX SS4 3350 psi. (MIN.) CONCRETE	3.0"

TAPCON OR MAXI-SET TAPCONS  
CALK-IN  
CRETE-FLEX SS4

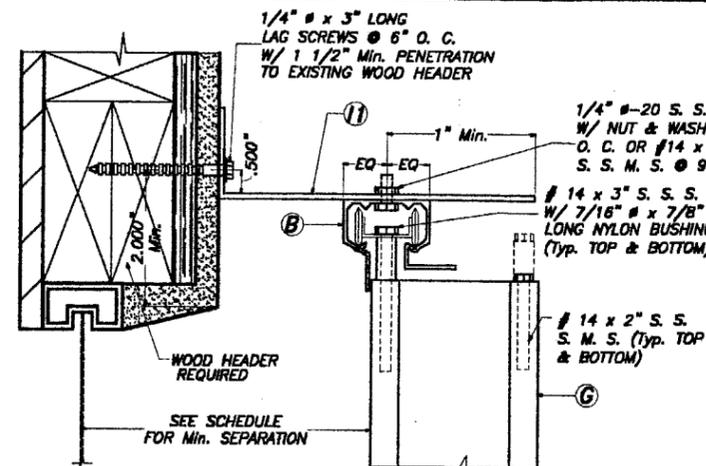
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE 08/31/2001  
BY *Helmut A. Miller*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0717-02

MIAMI-DADE COUNTY

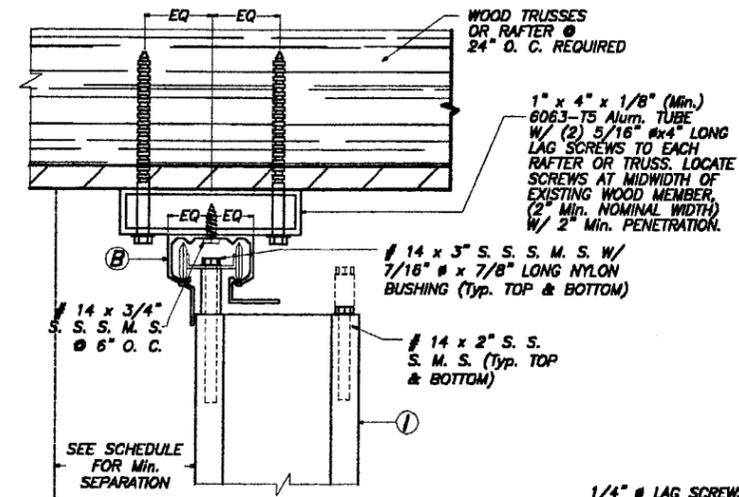
 <b>TILECO INC.</b> TILLIT TESTING & ENGINEERING COMPANY 8595 N.W. 36th St., Ste. 217, VIRGINIA GARDENS, FL 33186 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167		HPMA / PERFORMANCE SYSTEM 1 ACCORDION SHUTTER AS SHOWN SCALE 5/3/01 DATE 01-123 DRAWING No SHEET 5 OF 6	
<b>HURRICANE MANUFACTURING CORPORATION, INC.</b> 12038 Miramar Parkway Miramar, Florida 33025		REV. No DESCRIPTION DATE REV. No DESCRIPTION DATE 1 - - - 2 - - - 3 - - - 4 - - -	



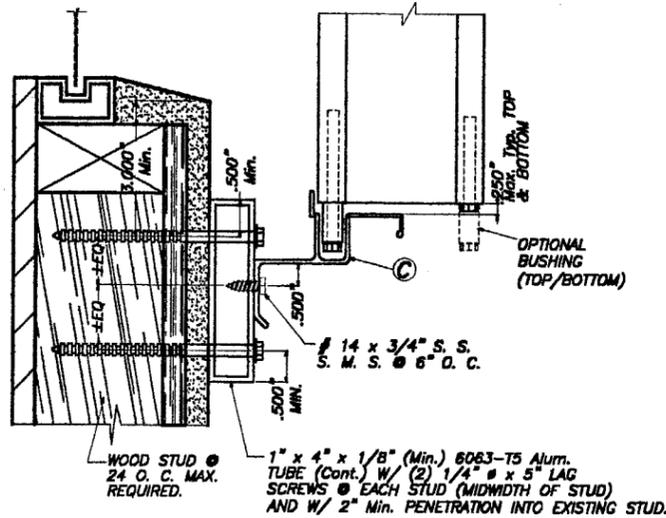
**ALTERNATIVE 1**



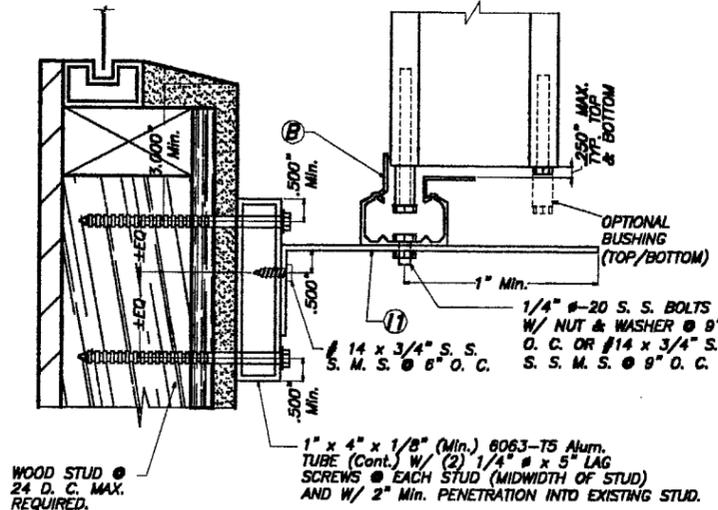
**ALTERNATIVE 3**



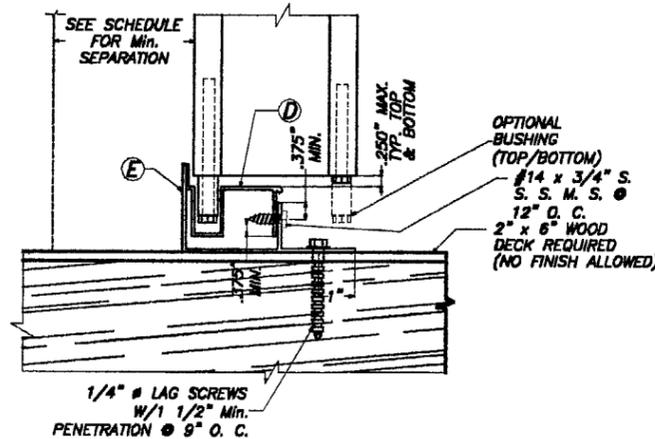
**ALTERNATIVE 1**



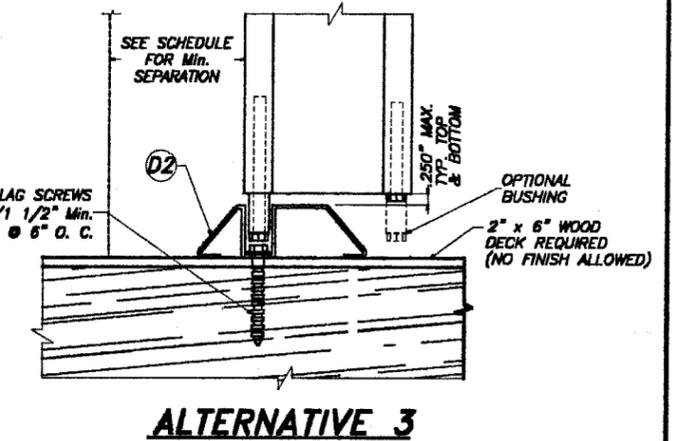
**ALTERNATIVE 2**



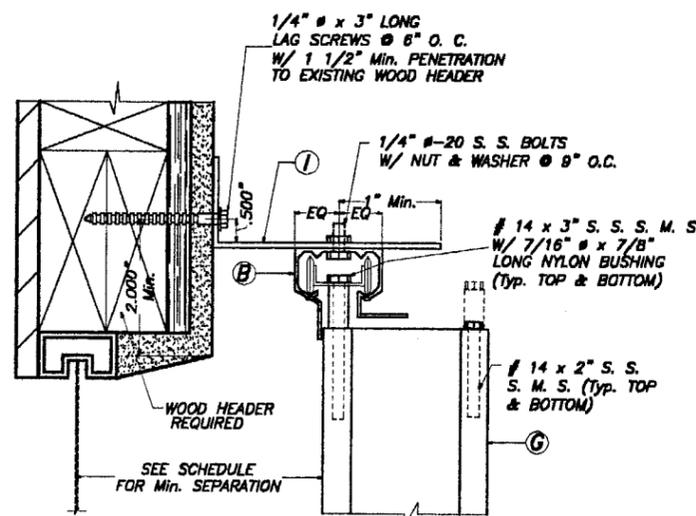
**ALTERNATIVE 4**



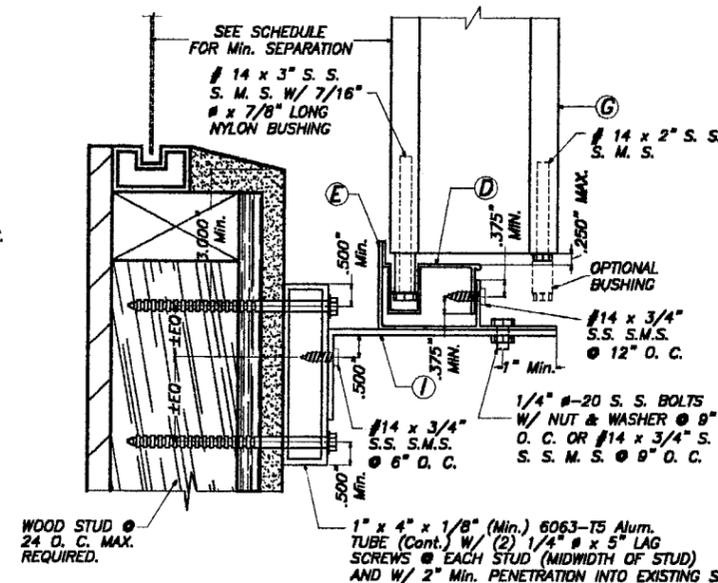
**ALTERNATIVE 2**



**ALTERNATIVE 3**



**ALTERNATIVE 5**



**ALTERNATIVE 6**

**WALL MOUNTING INSTALLATION (OFFSET)**  
**SECTIONS B**

SCALE: 1/4"=1"

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

- NOTES:**
- INSTALLATIONS ARE ONLY VALID FOR INSTALLATIONS WITH DESIGN WIND LOADS LESS THAN OR EQUAL TO 75 p.s.f. AND 9'-0" Max. SHUTTER SPAN.
  - FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No. 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE 08/31/2001  
BY *Helmut A. Weber*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0717-02

MIAMI-DADE COUNTY

**WALL MOUNTING INSTALLATION (OFFSET)**  
**SECTIONS A**  
SCALE: 1/4"=1"  
**INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS**

<p>TILLIT TESTING &amp; ENGINEERING COMPANY 8595 N.W. 30th. St., Ste. 217, VIRGINIA GARDENS, FL 33168 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167</p>		HPMA / PERFORMANCE SYSTEM 1 ACCORDION SHUTTER		AS SHOWN SCALE		
		HURRICANE MANUFACTURING CORPORATION, INC. 12038 Miramar Parkway Miramar, Florida 33025		5/3/01 DATE		
REV. No		DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	-	-	-	3	-	-
2	-	-	-	4	-	-
				01-123 DRAWING No		
				SHEET 6 OF 6		

*David*  
5/4/01