



MIAMI-DADE COUNTY
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

www.miamidade.gov

NOTICE OF ACCEPTANCE (NOA)

Tropical Storm Shutters, Inc.
2205 W 80 Street, Bay # 2
Hialeah, Florida 33016

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: HPMA/Performance System 1 Accordion Shutter

APPROVAL DOCUMENT: Drawing No. 06-103, titled "Performance System 1 Accordion Shutter", sheets 1 through 6 of 6, prepared by Tilteco, Inc., dated May 04, 2006, signed and sealed by Walter A. Tillit Jr., 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: Large and Small Missile Impact

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 E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



NOA No 06-0710.09
Expiration Date: 04/12/2012
Approval Date: 04/12/2007
Page 1

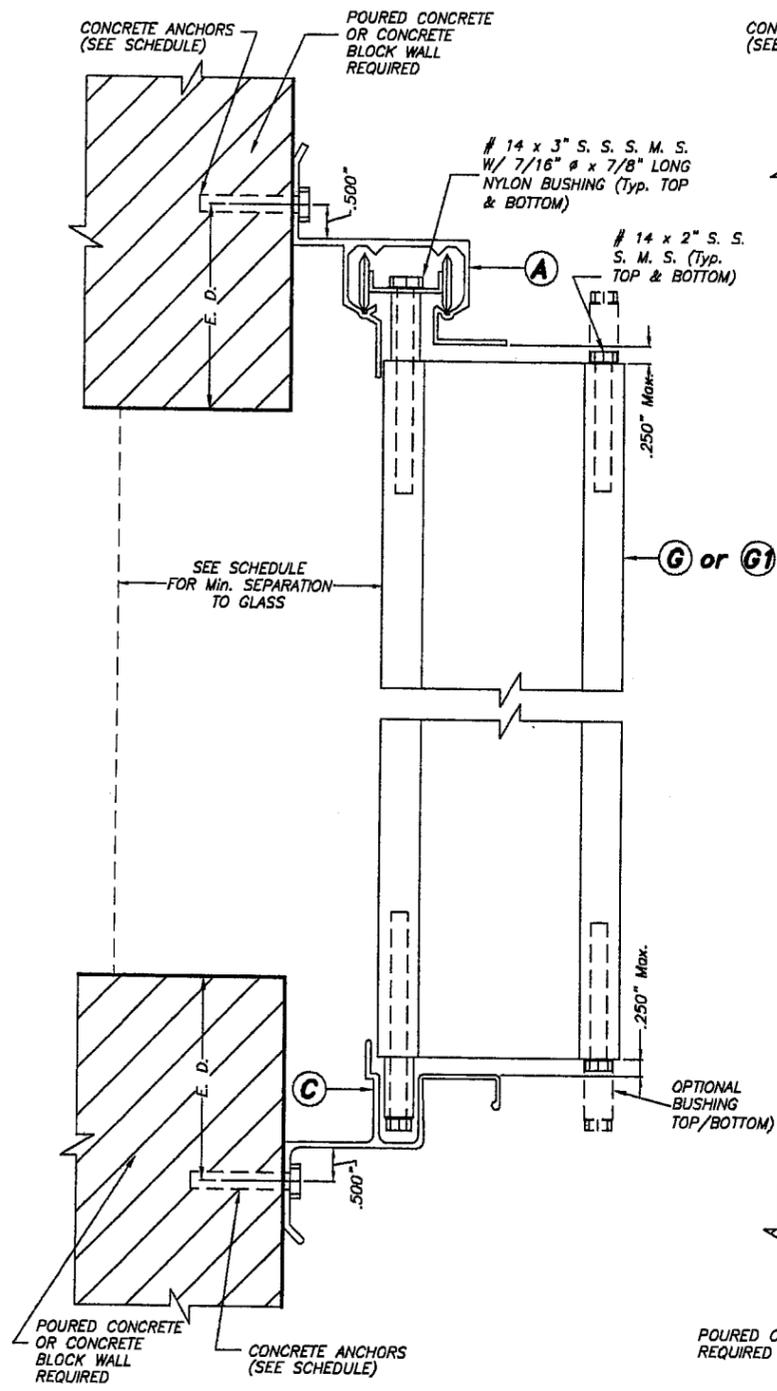
Tropical Storm Shutters, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

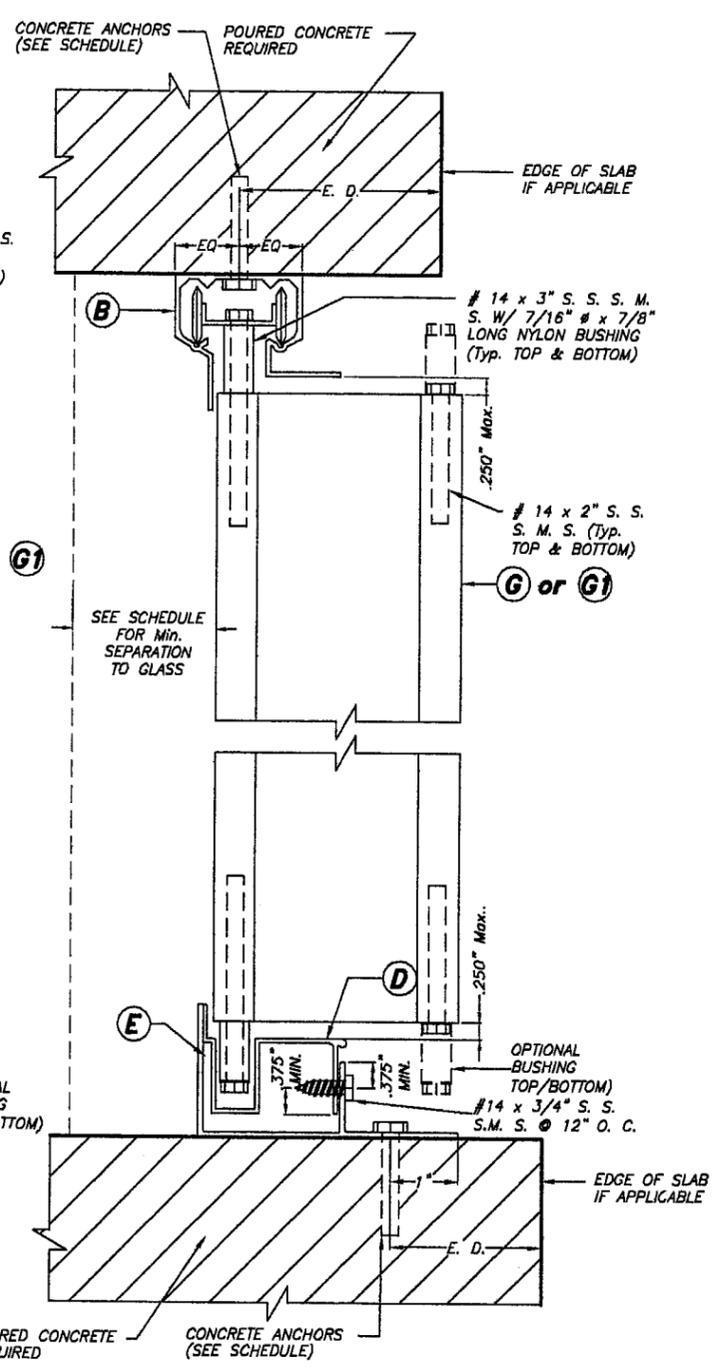
- A. DRAWINGS**
1. *Drawing No. 06-103, sheets 1 through 6 of 6, titled "Performance System 1 Accordion Shutter", prepared by Tilteco Inc., dated May 4, 2006, signed and sealed by Walter A. Tillit Jr., P.E.*
- B. TESTS**
1. *See Association's generic approval under 05-0323.*
- C. CALCULATIONS**
1. *See Association's generic approval under 05-0323.*
- D. QUALITY ASSURANCE**
1. *by Miami-Dade County Building Code Compliance Office.*
- 1. MATERIAL CERTIFICATIONS**
1. *See Association's generic approval under 05-0323.*
- F. STATEMENTS**
1. *Release letter issued by the Hurricane Protection Manufactures Association, Inc., received by our office on June 27, 2006 and signed by Jeffrey T. Robinson, President of the Association, certifying that this product meets the criteria of the product tested under their auspices, and approved under Miami-Dade County Approval No. 05-0323.*
 2. *Acknowledgment Letter issued by H.P.M.A. dated April 18, 2006, signed by Mr. Enrique Revilla, V. P. of the Association, to confirm, that Tropical Storm Shutters, Inc. is currently a H.P.M.A. member in good standing.*
 3. *Acknowledgement Letter issued by Tropical Storm Shutters, Inc., dated June 20, 2006, acknowledging that they are applying using some or all test results approved under master file No. 05-0323 for H.P.M.A., signed by Esteban Ramos, President.*
 4. *Letter issued by Tilteco Inc., dated on June 21, 2006, certifying that the drawing (No. 06-103) prepared for Tropical Storm Shutters, Inc., signed and sealed by Mr. Walter A. Tillit, Jr., P.E., is engineering wise completely identical to H.P.M.A. Miami Dade Approved generic drawing (No. 05-118).*



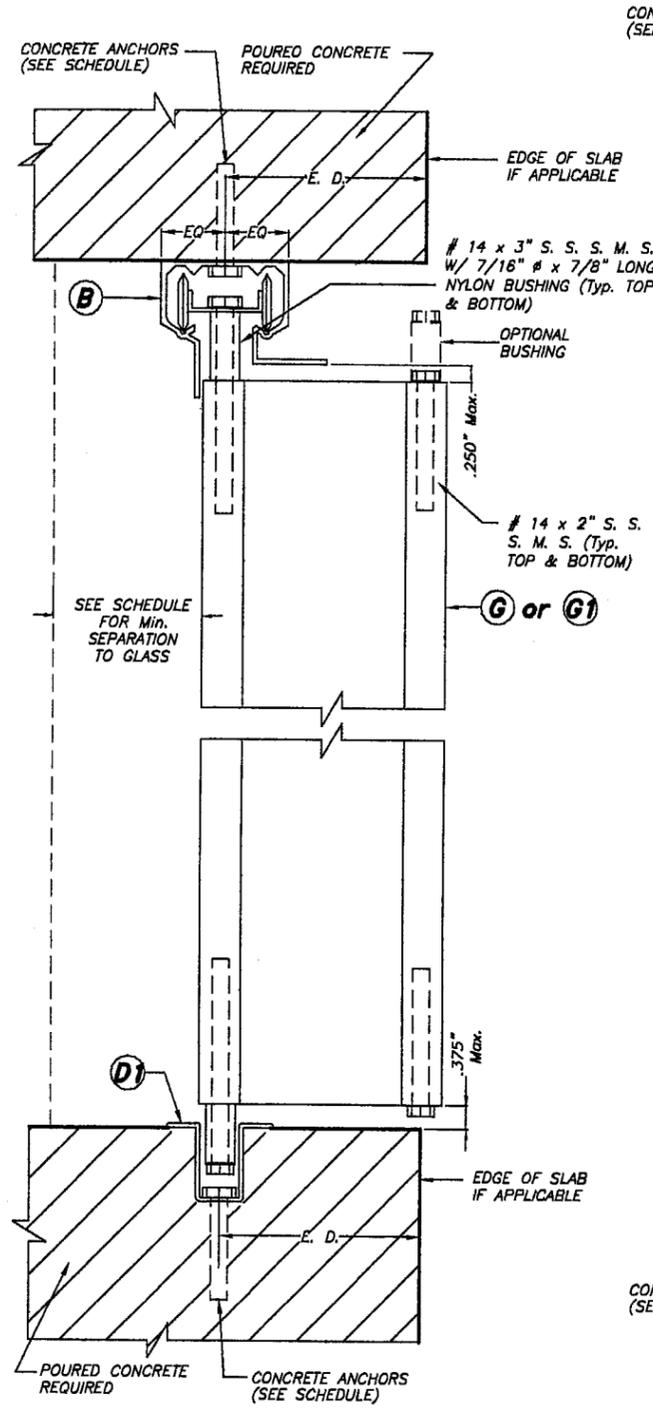
Carlos M. Utrera, P. E.
Product Control Examiner
NOA No 06-0710.09
Expiration Date: 04/12/2012
Approval Date: 04/12/2007



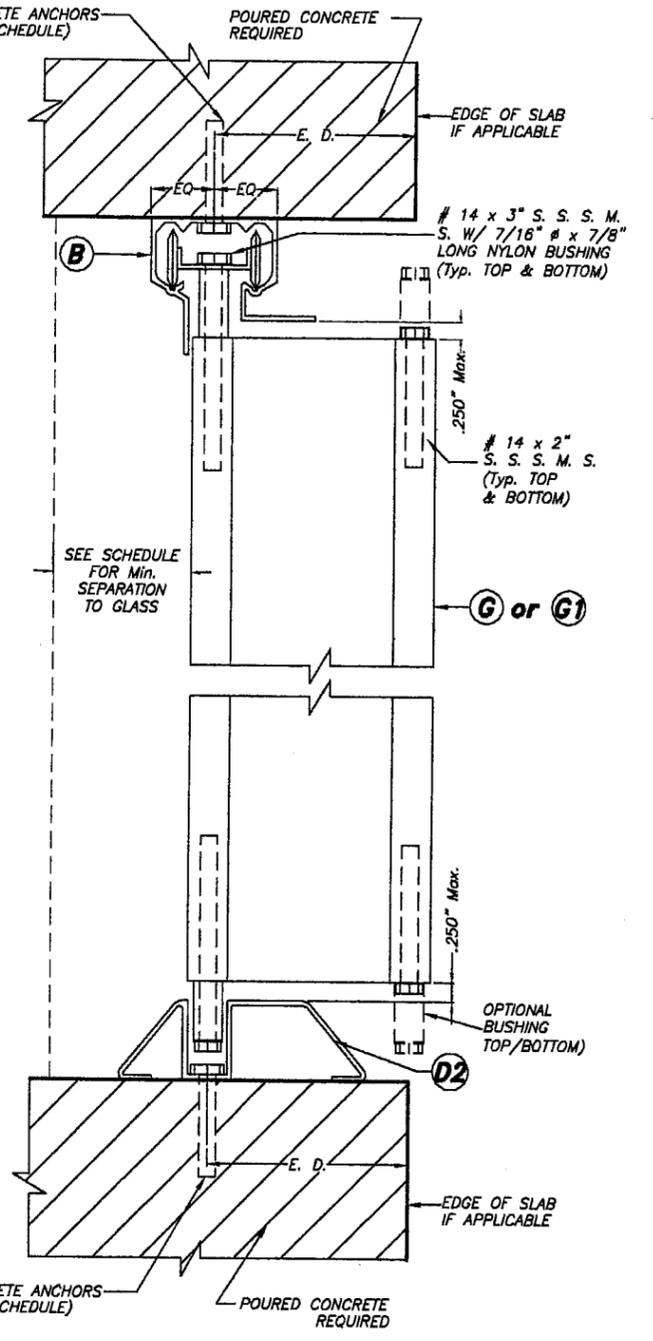
**WALL MOUNTING
INSTALLATION
SECTION A**
SCALE : 3/8" = 1"



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



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

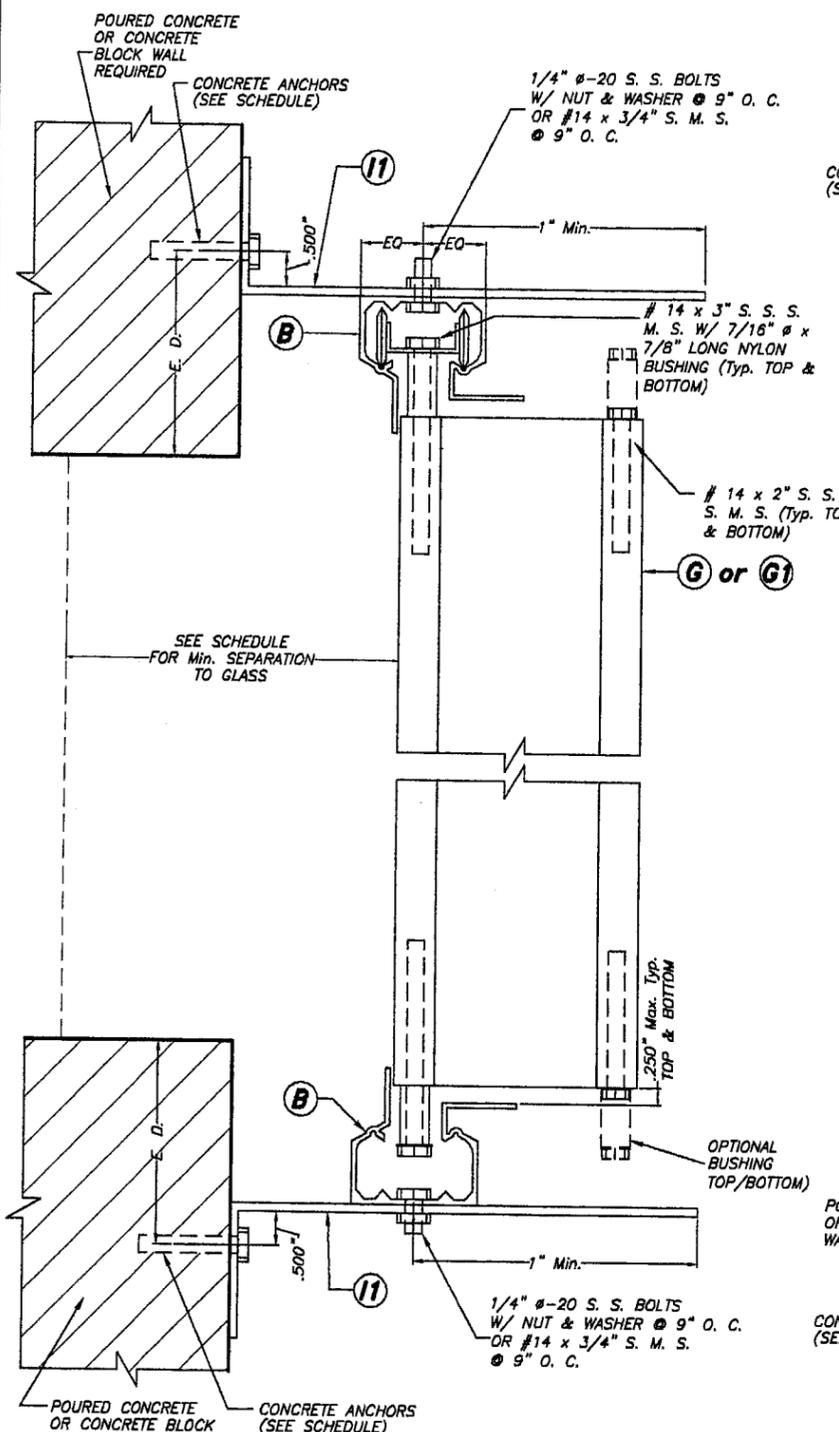


**CEILING & FLOOR
MOUNTING INSTALLATION
SECTION B2**
SCALE : 3/8" = 1"
Approved as complying with the
Florida Building Code
Date 04/12/2007
NOAH 06-0710.09
Miami Dade Product Control
Division
By *[Signature]*

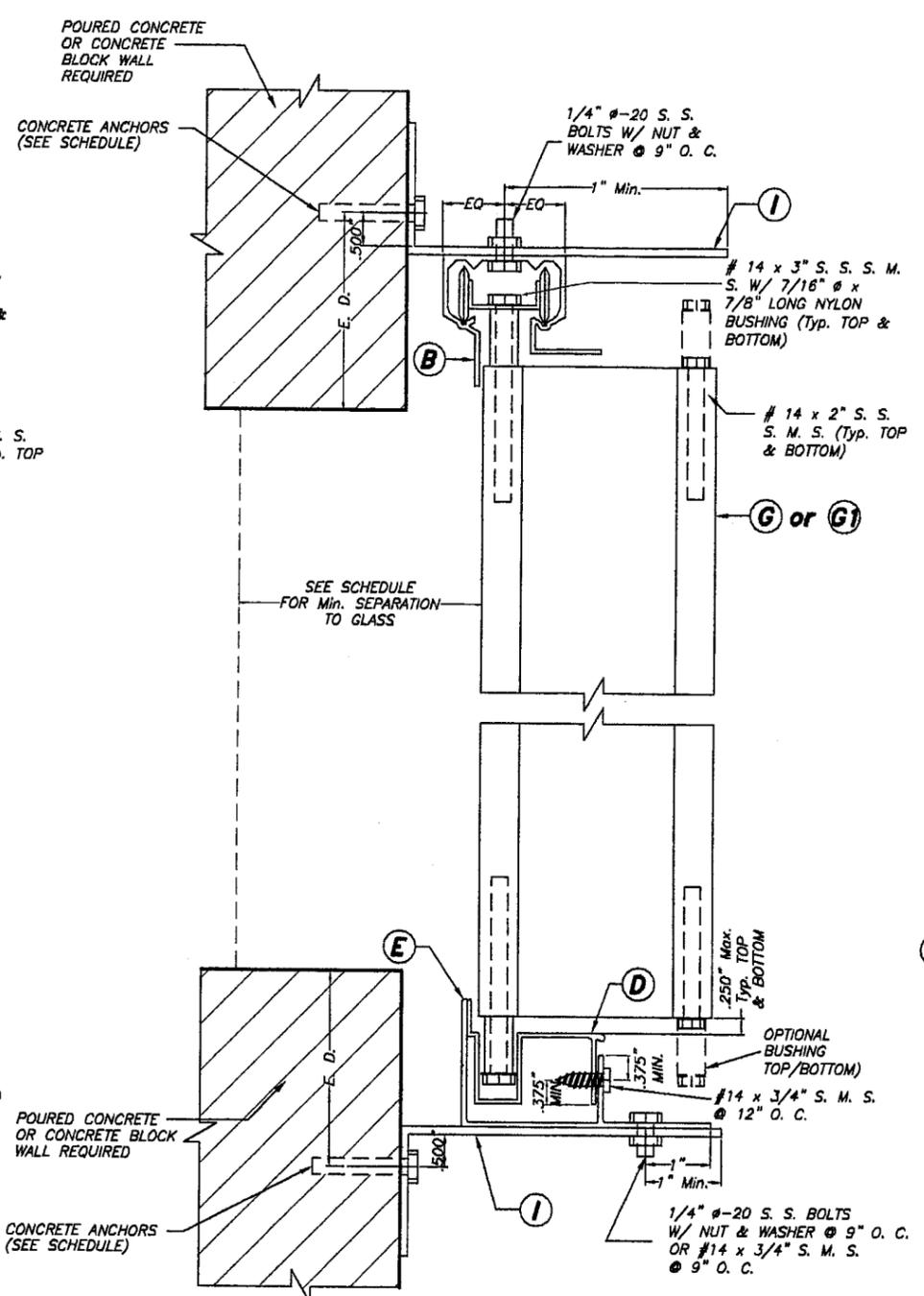
F.B.C. (High Velocity Hurricane Zone)

JUN 21 2006

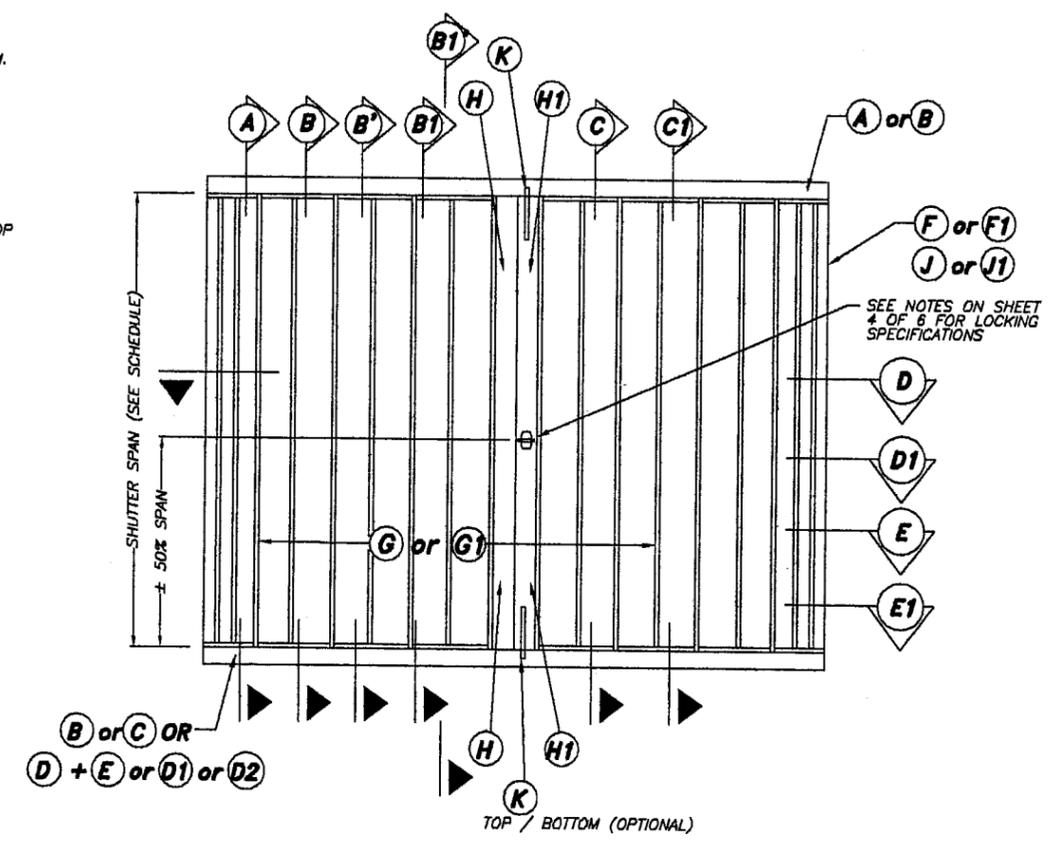
 TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 303, VIRGINIA GARDENS, FL 33186 Phone: (305)871-1530, Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167		PERFORMANCE SYSTEM 1 ACCORDION SHUTTER		DRAWN BY: S.M.	
		TROPICAL STORM SHUTTERS, INC. (NFPA # 10) 2205 W BOTH STREET, BAY#2 HIALEAH, FLORIDA 33016 PH.: (305)364-7470, FAX: (786)439-2526		5/4/06 DATE	
		SCALE : 3/8" = 1"		06-103 DRAWING No	
REV. No 1	DESCRIPTION -	DATE -	REV. No 3	DESCRIPTION -	DATE -
2	-	-	4	-	-
SHEET 2 OF 6					



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



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



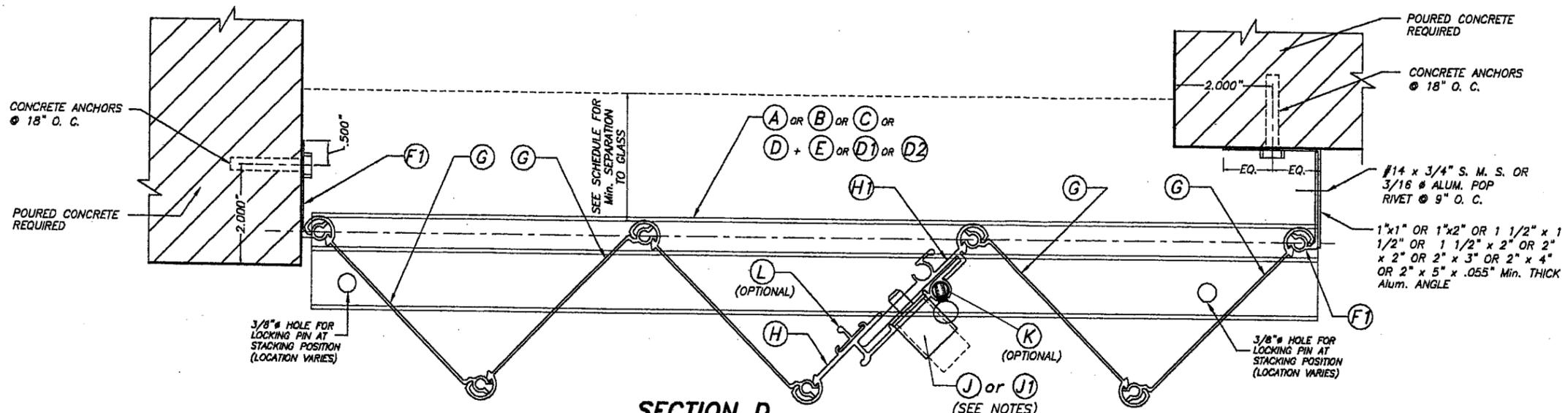
TYPICAL ELEVATION
 N. T. S.

Approved as complying with the
 Florida Building Code
 Date 04/12/2007
 NOAH# 06-0710.09
 Miami Dade Product Control
 Division
 By [Signature]

JUN 21 2006

F.B.C. (High Velocity Hurricane Zone)

 TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33168 Phone: (305)871-1530 • Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167		PERFORMANCE SYSTEM 1 ACCORDION SHUTTER		DRAWN BY: S.M.	
		TROPICAL STORM SHUTTERS, INC. (NFPA # 10) 2205 W BOTH STREET, BAY#2 HIALEAH, FLORIDA 33016 PH.: (305)364-7470, FAX: (786)439-2526		5/4/06 DATE	
				06-103 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	-	-	3	-	-
2	-	-	4	-	-

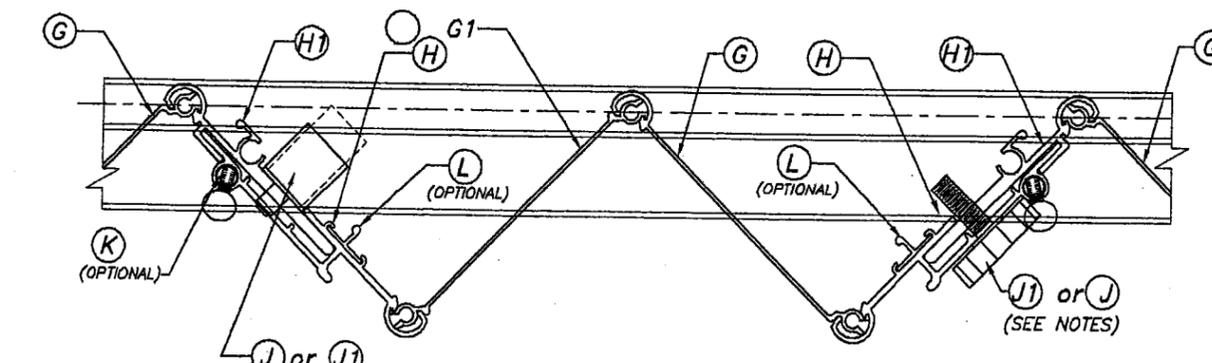


SECTION D
SCALE: 3/8" = 1"

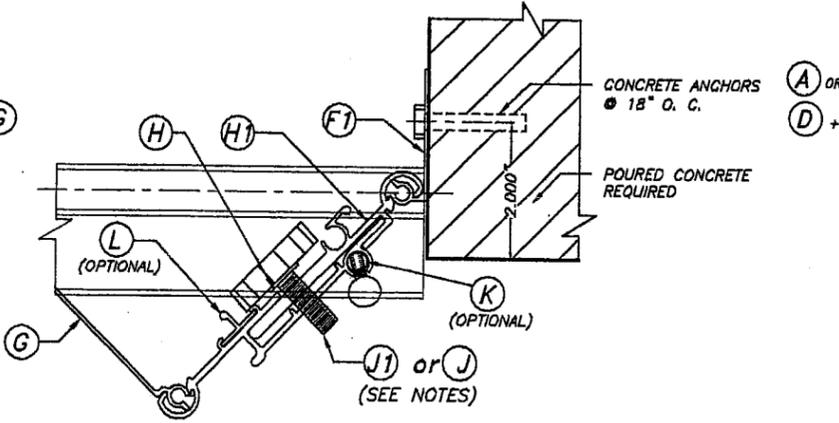
NOTES FOR LOCKING OF (H) & (H1)

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" Ø HOLE SHALL BE DRILLED AT (H) AND (J) MUST BE RIVETED FROM THE BACK OF (H) TO THE FRONT W/ (2) 3/16" Ø ALUM. POP RIVETS. A 3/8" Ø 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 (H) W/ (2) 3/16" Ø ALUM. POP RIVETS. A 3/8" Ø HOLE MUST THEN BE DRILLED THRU (H) AND (H1) TO ALLOW FOR (J)'S PIN TO PASS THRU.

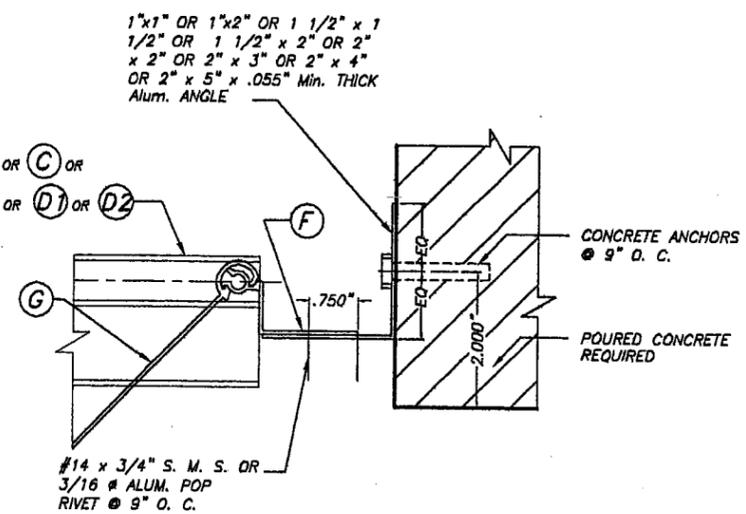
2-5/16"x1" LOCK (J1) MAY BE USED ALTERNATIVELY TO (J) LOCK FOR INSTALLATIONS SECURED FROM THE OUTSIDE OR INSIDE OF SHUTTER. IN THIS CASE, A 5/16" Ø HOLE SHALL BE DRILLED THRU (H) AND (H1). HOLE DRILLED TO (H1) SHALL BE TAPPED TO ACCEPT 18 THREADS PER INCH MACHINE SCREW.



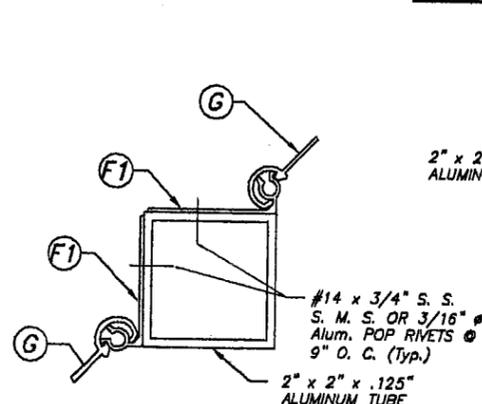
SECTION D1 (& MULTIPLE SHUTTERS)
SCALE: 3/8" = 1"



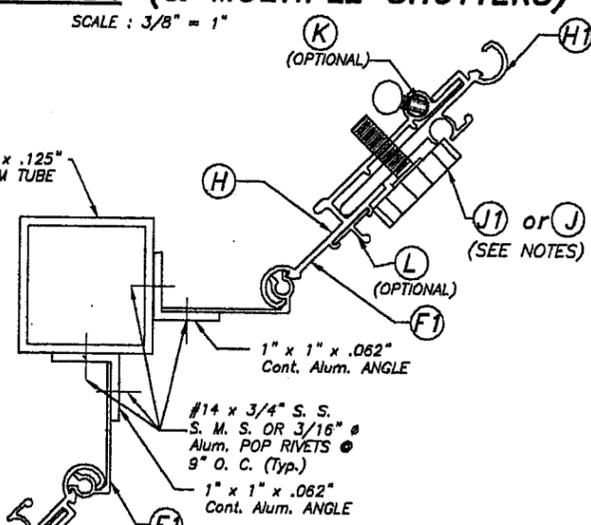
ONE SIDED SECTION: END CONNECTION DETAIL
SCALE: 3/8" = 1"



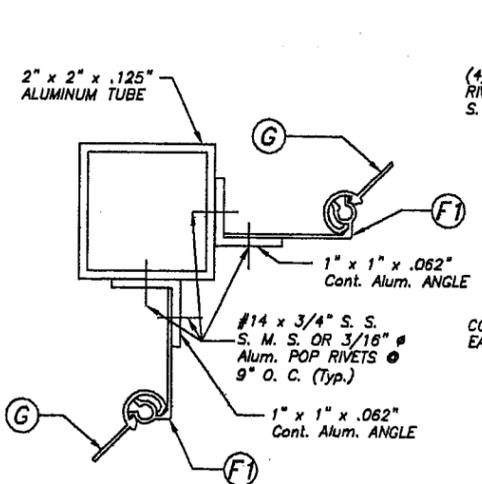
ALTERNATE CLOSURE DETAIL W / (F)
SCALE: 3/8" = 1"



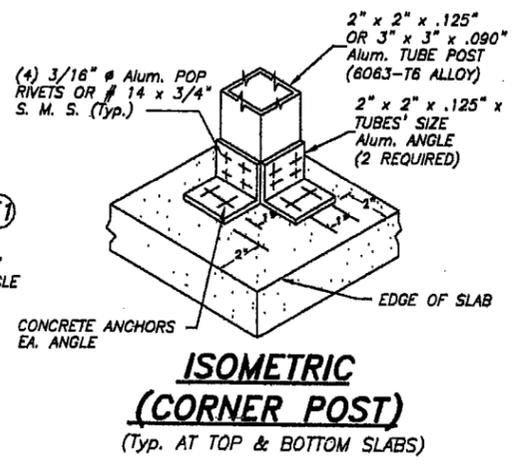
SECTION E
SCALE: 3/8" = 1"



SECTION E1
SCALE: 3/8" = 1"



SECTION E2
SCALE: 3/8" = 1"



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

Approved as complying with the Florida Building Code
Date 04/12/2007
NOA# 06-0710.09
Miami Dade Product Control Division
By *[Signature]*

F.B.C. (High Velocity Hurricane Zone)

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

JUN 21 2006

<p>TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33188 Phone: (305)871-1530 • Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167</p>		PERFORMANCE SYSTEM 1 ACCORDION SHUTTER		DRAWN BY: S.M.	
		<p>TROPICAL STORM SHUTTERS, INC. (NFPA # 10) 2205 W BOTH STREET, BAY#2 MIAMI, FLORIDA 33016 PH: (305)364-7470, FAX: (786)439-2526</p>		5/4/06 DATE	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	-	-	3	-	-
2	-	-	4	-	-
DRAWING No 06-103					SHEET 4 OF 6

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 7-98 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	ALL SECTIONS	
			*	**
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 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 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	-

MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING (in.) SCHEDULE. +
(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

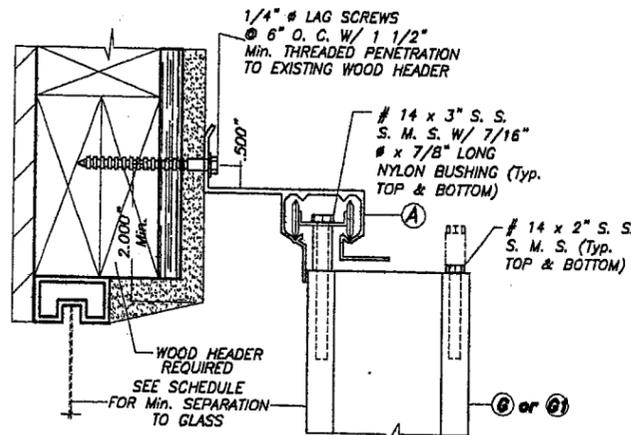
+ MAXIMUM ANCHOR SPACINGS ARE VALID FOR 3 1/2" EDGE DISTANCE. FOR E. D. LESS THAN 3 1/2", REDUCE ANCHOR SPACING BY MULTIPLYING SPACING SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS. (NOTE : Min. E. D. FOR CALK-IN ANCHORS IS 2 1/2"). FOR THIS OPERATION TO BE POSSIBLE, REDUCED SPACING OBTAINED USING FACTOR 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

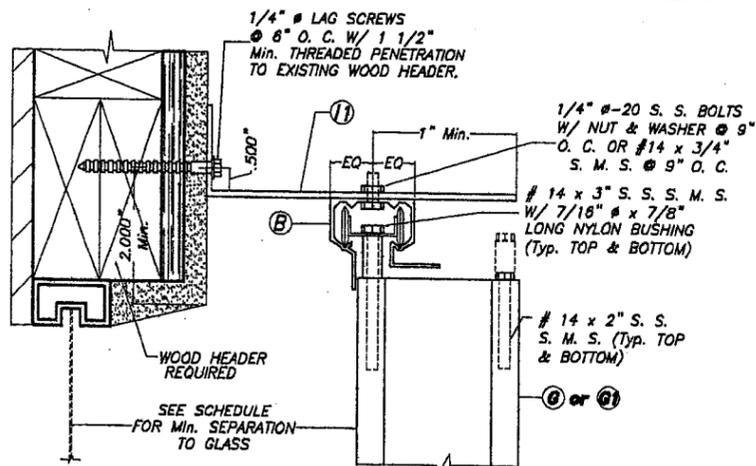
Approved as complying with the Florida Building Code
Date 04/12/2007
NOAH 06-0710.09
Miami Dade Product Control
Division
By [Signature]

F.B.C. (High Velocity Hurricane Zone)

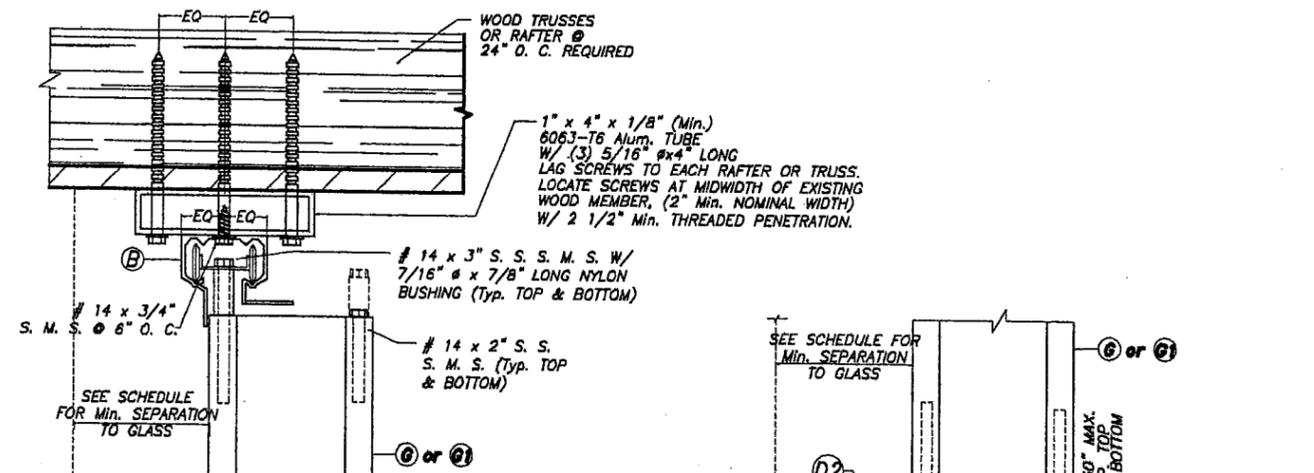
 TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6335 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33168 Phone: (305)871-1530, Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167		PERFORMANCE SYSTEM 1 ACCORDION SHUTTER		DRAWN BY: S.M.	
		TROPICAL STORM SHUTTERS, INC. (NFMA # 10) 2205 W BOTH STREET, BAY#2 HIALEAH, FLORIDA 33016 PH: (305)364-7470, FAX: (786)439-2526		5/4/06 DATE	
JUN 21 2006		06-103 DRAWING No		SHEET 5 OF 6	



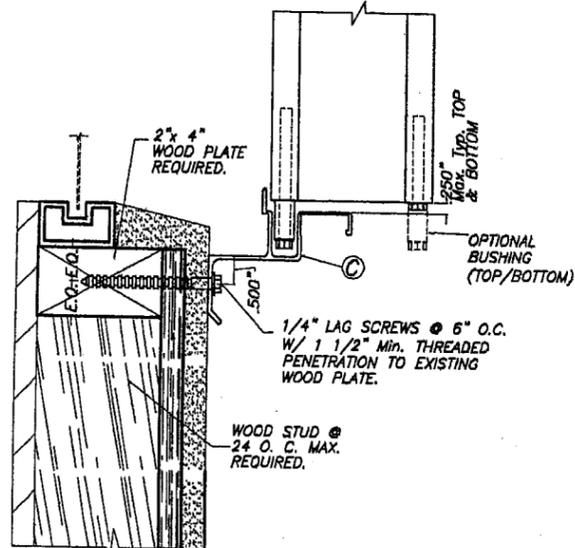
ALTERNATIVE 1



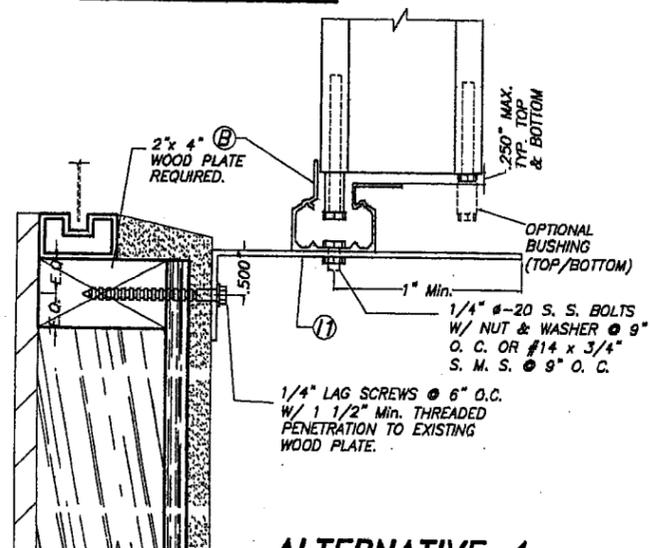
ALTERNATIVE 3



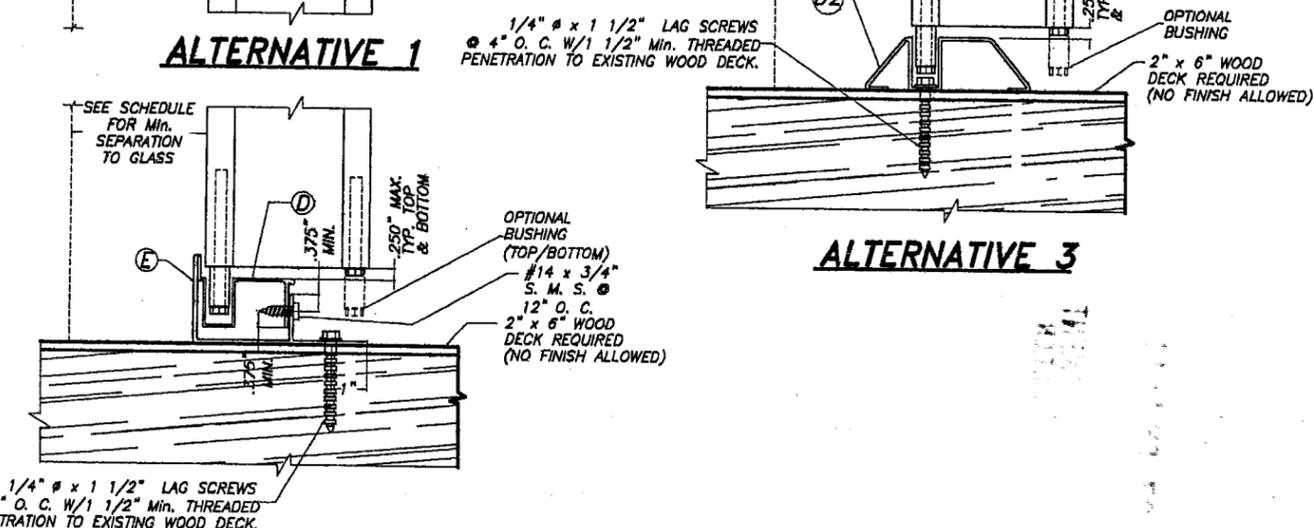
ALTERNATIVE 1



ALTERNATIVE 2



ALTERNATIVE 4



ALTERNATIVE 2

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

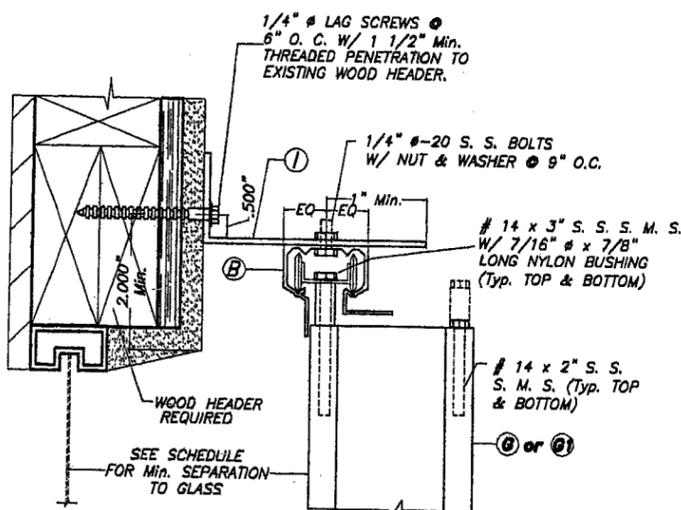
SCALE: 1/4"=1"

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

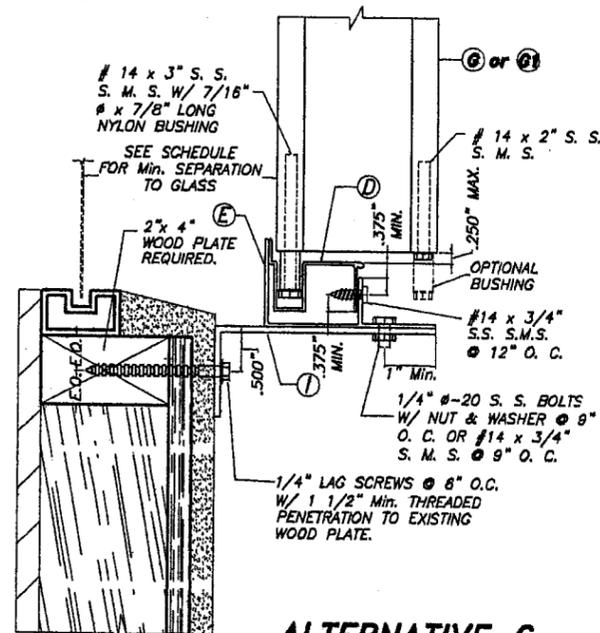
NOTES:

- 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
 Florida Building Code
 Date 04/12/2007
 NOA# 06-0710.09
 Miami Dade Product Control
 Division
 By *[Signature]*



ALTERNATIVE 5



ALTERNATIVE 6

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

SCALE: 1/4"=1"

INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS

[Signature]
 JUN 21 2006

<p>TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone: (305)871-1530, Fax: (305)871-1531 EB-0008719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167</p>		PERFORMANCE SYSTEM 1 ACCORDION SHUTTER	DRAWN BY: S.M.
		TROPICAL STORM SHUTTERS, INC. (NFMA # 10) 2205 W BOTH STREET, BAY#2 HIALEAH, FLORIDA 33016 PH: (305)364-7470, FAX: (786)439-2526	5/4/06 DATE
		06-103	DRAWING No
REV. No	DESCRIPTION	DATE	REV. No
1	-	-	3
2	-	-	4
			SHEET 6 OF 6

F.B.C. (High Velocity Hurricane Zone)