

**NOTICE OF ACCEPTANCE (NOA)**

Florida Storm Panels & Accordions, Inc.  
14475 N.W. 26<sup>th</sup> 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:** HPMA / " Performance system 2 " Aluminum Accordion Shutter

**APPROVAL DOCUMENT:** Drawing No. 09-042, titled " Performance System 2 Accordion Shutter ", sheets 1 through 10 of 10, prepared by Tilteco, Inc., last revision #1 dated March 19, 2009, signed and sealed by Walter A. Tillit Jr., P.E., on September 23, 2009, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration 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 revises NOA # 07-0328.04 and consists of this page 1, evidence submitted pages E-1, E-2, E-3, & E-4 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**

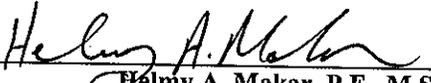


*Helmy A. Makar*  
12/23/2009

NOA No. 09-1028.08  
Expiration Date: 04/23/2011  
Approval Date: 12/23/2009  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. **EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 01-0328.02**
  - A. **DRAWINGS**
    1. *Drawing No. 01-069, titled " HPMA / Performance System 1 Accordion Shutter", sheets 1 through 6 of 6, prepared by Tilteco, Inc., dated March 26, 2001, signed and sealed by Walter A. Tillit Jr., P.E.*
  - B. **TESTS**
    1. *See Association's generic approval number 01-0026.*
  - C. **CALCULATIONS**
    1. *See Association's generic approval number 01-0026.*
  - D. **MATERIAL CERTIFICATIONS**
    1. *See Association's generic approval number 01-0026.*
  - E. **STATEMENTS**
    1. *Release letter issued by the Hurricane Protection Manufacturers Association, dated March 22, 2001, certifying this product to meet the criteria of product tested and approved, and allowing Florida Storm Panels & Accordions, Inc. to use the test results approved under Dade County Approval No. 01-0026, signed by Mr. Jeffrey T. Robinson.*
    2. *Acknowledgment letter by Florida Storm Panels & Accordions, Inc. dated March 22, 2001, signed by Mr. Victor V. Cruz.*
    3. *Letter by Tilteco, Inc., dated March 27, 2001, certifying that the drawing (No. 01-069) prepared for Florida Storm Panels & Accordions, Inc., signed and sealed by Walter A. Tillit Jr., P.E., is engineering wise identical to Hurricane Protection Manufacturers Association, Inc. generic drawing (No. 00-120).*
    4. *Acceptance Letter issued to Mr. Victor V. Cruz on April 16, 2001, and returned signed by Mr. Victor V. Cruz on April 16, 2001, indicating to please issue the proposed Notice of Acceptance as submitted and reviewed.*
2. **EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #02-1203.01**
  - A. **DRAWINGS**
    1. *Drawing No. 02-481, titled " Performance System 1 Accordion Shutter ", sheets 1 through 6 of 6, prepared by Tilteco, Inc., dated October 14, 2002, last revision #1 dated October 14, 2002 signed and sealed Walter A. Tillit, Jr., P.E.*

  
\_\_\_\_\_

Helmy A. Makar, P.E., M.S.

Senior Product Control Examiner

NOA No. 09-1028.08

Expiration Date: 04/23/2011

Approval Date: 12/23/2009

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. MATERIAL CERTIFICATIONS**

1. *None.*

**E. STATEMENTS**

1. *Letter issued by Mr. Walter A. Tillit, Jr., P.E., dated December 04, 2002, stating that the only change from the previous approved drawings is general note numbers 1 and 11.*

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #06-0105.03**

**A. DRAWINGS**

1. *Drawing No. 05-344, titled " Performance System 1 Accordion Shutter ", sheets 1 through 6 of 6, prepared by Tilteco, Inc., dated November 11, 2005, last revision #1 dated November 11, 2005, 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**

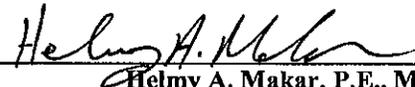
1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *See Association's generic approval under 05-0323.*

**F. STATEMENTS**

1. *Letter by Tilteco Inc., dated November 14, 2005, signed and sealed by Mr. Walter A. Tillit, Jr., P.E., certifying that the drawing (No. 05-344) prepared for Florida Storm Panels & Accordions, Inc. is engineering wise identical to HPMA's generic drawing (No. 05-118).*
2. *Acknowledgment letter by Florida Storm Panels & Accordions, Inc. dated December 14, 2005, signed and sealed by the Corporate Seal.*



**Helmy A. Makar, P.E., M.S.**  
**Senior Product Control Examiner**  
**NOA No. 09-1028.08**  
**Expiration Date: 04/23/2011**  
**Approval Date: 12/23/2009**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #07-0328.04**

**A. DRAWINGS**

1. *Drawing No. 07-052, titled " Performance System 2 Accordion Shutter ", sheets 1 through 6 of 6, prepared by Tilteco, Inc., dated March 19, 2007, signed and sealed by Walter A. Tillit Jr., P.E., on March 21, 2007.*

**B. TESTS**

1. *See Association's generic approval under 07-2513.*

**C. CALCULATIONS**

1. *See Association's generic approval under 07-2513.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *See Association's generic approval under 07-2513.*

**F. STATEMENTS**

1. *Release letter issued by the Hurricane Protection Manufacturers Association, dated March 06, 2007, certifying this product to meet the criteria of product tested and approved, and allowing Florida Storm Panels & Accordions, Inc. to use the test results approved under Miami Dade County Approval No. 07-2513, signed by Mr. Henry Revilla.*
2. *Acknowledgment letter by Florida Storm Panels & Accordions, Inc. dated March 06, 2007, signed by Mr. Henry Revilla.*
3. *Letter by Tilteco Inc., dated March 21, 2007, signed and sealed by Mr. Walter A. Tillit, Jr., P.E., certifying that the drawing (No. 07-052) prepared for Florida Storm Panels & Accordions, Inc. is engineering wise identical to HPMA's generic drawing (No. 06-219).*
4. *Acceptance Letter issued to Mr. Henry Revilla on May 19, 2007 and returned signed by Mr. Henry Revilla on May 21, 2007, indicating to please issue the proposed Notice of Acceptance as submitted and reviewed.*



**Henry A. Makar, P.E., M.S.**  
Senior Product Control Examiner  
NOA No. 09-1028.08  
Expiration Date: 04/23/2011  
Approval Date: 12/23/2009

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**5. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. 09-042, titled " Performance System 2 Accordion Shutter ", sheets 1 through 10 of 10, prepared by Tilteco, Inc., last revision #1 dated March 19, 2009, signed and sealed by Walter A. Tillit Jr., P.E., on September 23, 2009.*

**B. TESTS**

1. *See Association's generic approval under 09-0645.*

**C. CALCULATIONS**

1. *See Association's generic approval under 09-0645.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *See Association's generic approval under 09-0645.*

**F. STATEMENTS**

1. *Release letter issued by the Hurricane Protection Manufacturers Association, dated September 23, 2009, certifying this product to meet the criteria of product tested and approved, and allowing Florida Storm Panels & Accordions, Inc. to use the test results approved under Miami Dade County Approval No. 09-0645, signed by Mr. Henry Revilla.*
2. *Acknowledgment letter by Florida Storm Panels & Accordions, Inc. dated September 23, 2009, signed by Mr. Henry Revilla.*
3. *Letter by Tilteco Inc., dated September 23, 2009, signed and sealed by Mr. Walter A. Tillit, Jr., P.E., certifying that the drawing (No. 09-042) prepared for Florida Storm Panels & Accordions, Inc. is engineering wise identical to HPMA's generic drawing (No. 09-035).*



**Helmy A. Makar, P.E., M.S.**  
**Senior Product Control Examiner**  
**NOA No. 09-1028.08**  
**Expiration Date: 04/23/2011**  
**Approval Date: 12/23/2009**

COMPLIANCE IN ACCORDANCE WITH THE 2007 EDITION OF THE FLORIDA BUILDING CODE. DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE. IN ORDER TO VERIFY THAT ANCHORS ON THIS P.A.D., AS TESTED, WERE NOT OVER STRESSED, A 33% INCREASE IN ALLOWABLE LOADS FOR WIND LOADS WAS **NOT** USED IN THEIR ANALYSIS. FASTENERS SPACING TO WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH N.D.S. 2005.

ACCORDION SHUTTER'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE PER TAS-201, TAS-202, AND TAS-203 PROTOCOLS AS PER CONSTRUCTION TESTING CORPORATION LABORATORY REPORTS N° 06-039, N° 08-001 AND 09-006.

2. THIS ACCORDION SHUTTER SYSTEM IS ENGINEERED TO WORK WITH EITHER SOLID BLADES (C), (C1) OR WITH (C), (C1) WORKING IN UNISON WITH PERFORATED BLADES (C) OR (C1) UNDER THE GENERAL LIMITATIONS AND CONDITIONS OF USE INDICATED ON SHEETS 6 AND 9; EXCEPT FOR A SPECIAL FLOOR TO CEILING CASE ENGINEERED FOR HIGHER PRESSURE RATING TO WORK WITH BLADES (C2), (C2A), DESCRIBED ON SHEET 8 OF 10.
3. STAINLESS STEEL SHEET METAL SCREWS USED AT LOUVER PIN SHALL BE # 14 x 3", 410-HT MINIMUM SERIES W/135.0 ksi YIELD STRENGTH & 180 ksi TENSILE STRENGTH. SCREWS SHALL BE COATED WITH XYLAN 5000 SERIES FLUOROPOLYMER COATINGS AS MANUFACTURED BY WHITFORD Co, BOX 507, WEST CHESTER PA. 19381.
4. ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 ALLOY WITH MINIMUM YIELD STRENGTH OF  $F_y=31.0$  ksi.
5. ALL SCREWS TO BE STAINLESS STEEL 304 OR 316 SERIES W/ 50 ksi YIELD STRENGTH AND 90 ksi TENSILE STRENGTH OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018.
6. ALL ALUMINUM POP RIVETS TO BE 5052 ALUMINUM ALLOY WITH ALUMINUM MANDREL.
7. BOLTS TO BE GALVANIZED OR STAINLESS STEEL WITH 36 ksi MINIMUM YIELD STRENGTH.
8. ANCHORS TO WALL SHALL BE AS FOLLOWS: (UNLESS OTHERWISE NOTED)

- (A) TO EXISTING POURED CONCRETE: Min.  $f'_c$  PER SCHEDULE ON SHEET 9.
- 1/4"  $\phi$  TAPCON OR 1/4"  $\phi$  MAXI-SET TAPCON, AS MANUFACTURED BY I.T.W. BUILDDEX.
  - 1/4"  $\phi$  CRETE FLEX SS4 ANCHORS, AS MANUFACTURED BY ELCO FASTENING SYSTEMS, LLC.
  - 1/4"  $\phi$  x 7/8" CALK-IN ANCHORS AS MANUFACTURED BY POWERS FASTENERS, INC.

NOTES:

- A.1) MINIMUM EMBEDMENT OF TAPCON ANCHORS AND CRETE FLEX SS4 ANCHORS INTO CONCRETE 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"  $\phi$ -20 S.S SCREWS USED SHALL BE 1 1/2" LONG MINIMUM SHOULD STUCCO EXIST.
- A.3) IN CASE THAT PRECAST STONE, PRECAST CONCRETE PANELS, OR PAVERS BE FOUND ON THE EXISTING WALL 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: ASTM C-90 BLOCK
- 1/4"  $\phi$  TAPCON OR 1/4"  $\phi$  MAXI-SET TAPCON, AS MANUFACTURED BY I.T.W. BUILDDEX.
  - 1/4"  $\phi$  CRETE FLEX SS4 ANCHORS, AS MANUFACTURED BY ELCO FASTENING SYSTEMS, LLC.
  - 1/4"  $\phi$  x 7/8" CALK-IN ANCHORS AS MANUFACTURED BY POWERS FASTENERS, INC.

NOTES:

- B.1) MINIMUM EMBEDMENT OF TAPCON ANCHORS, AND CRETE FLEX SS4 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"  $\phi$ -20 S.S SCREWS USED SHALL BE 1 1/2" LONG MINIMUM SHOULD STUCCO EXIST AND 1" MINIMUM FOR WALLS WITH NO STUCCO.

- 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 AS INDICATED ON NOTES B.1 & B.2 ABOVE.

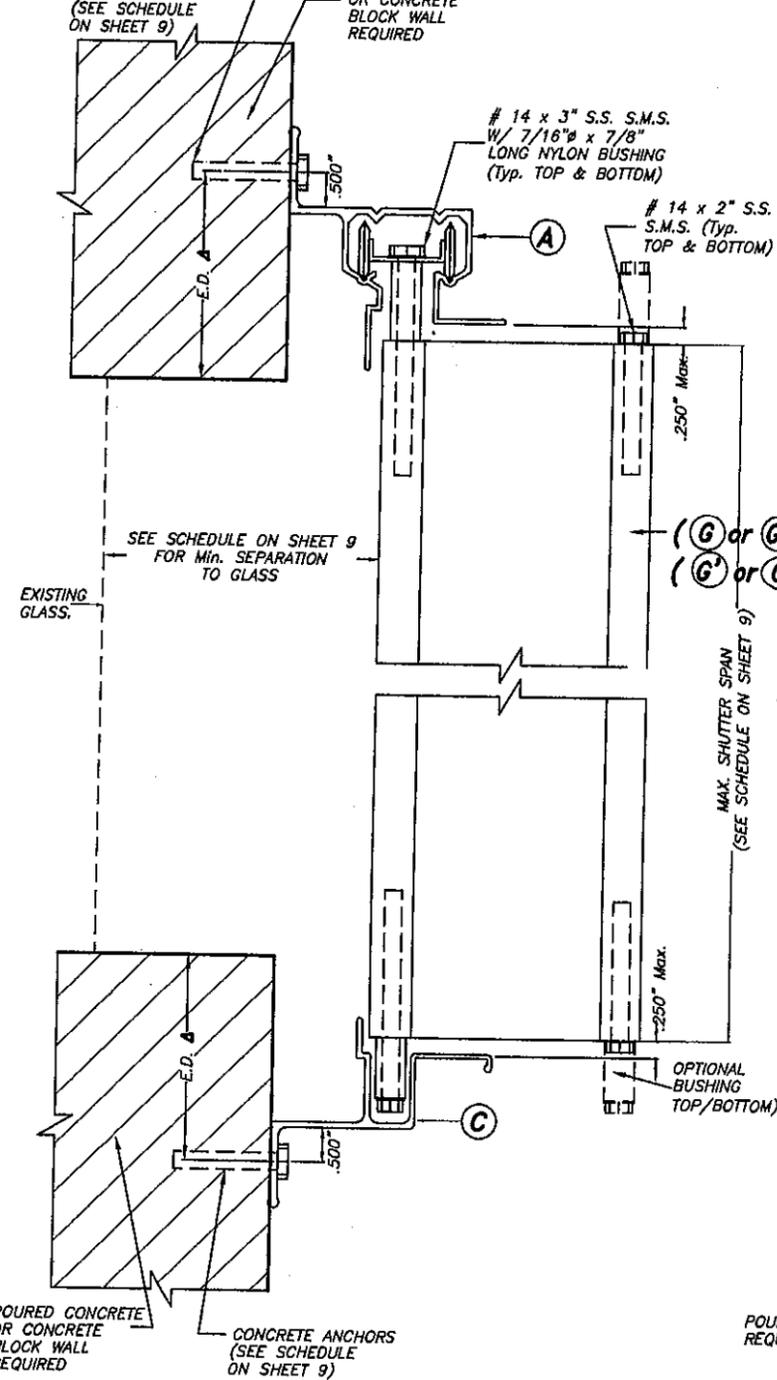
- (C) ANCHORS SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER.

10. 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.
11. A PERMANENT SHUTTER MANUFACTURER'S LABEL SHALL BE PLACED ON THE EXPOSED SURFACE OF THE FEMALE CENTERMATE BLADE (COMPONENT ④). ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABEL SHALL READ AS FOLLOWS:  
 "PERFORMANCE SYSTEM 2 ACCORDION SHUTTER"  
 HURRICANE PROTECTION MANUFACTURERS ASSOCIATION  
 MIRAMAR, FLORIDA  
 MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.
12. (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 INCLUDING LIFE SAFETY OF THIS PRODUCT BASED ON THIS PRODUCT APPROVAL PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.  
 (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 ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. ENGINEER OF RECORD, ACTING AS DELEGATED ENGINEER TO THE P.A.D. ENGINEER, SHALL SUBMIT TO THIS LATTER 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.

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

<p><b>PRODUCT REVISED</b>          as complying with the Florida Building Code          Acceptance No <u>09-1028.08</u>          Expiration Date <u>04/23/2011</u>          By <u>Walter A. Tillit Jr.</u>          Miami-Dade Product Control          Division MIAMI-DADE COUNTY</p>	<p><i>Walter A. Tillit Jr.</i>  <b>SEP 23 2009</b>          P.E. SEAL/SIGNATURE/DATE</p>	<p>© 2009 HURRICANE PROTECTION MANUFACTURERS ASSOCIATION</p> <p><b>TILECO inc.</b>          TILLIT TESTING &amp; ENGINEERING COMPANY          6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166          Phone: (305)871-1530 Fax: (305)871-1531          EB-0006719          WALTER A. TILLIT Jr. P.E.          FLORIDA Lic. # 44167</p>	<p>PERFORMANCE SYSTEM 2 ACCORDION SHUTTER</p> <p><b>FLORIDA STORM PANELS AND ACCORDIONS, INC.</b>          (H.P.M.A. # 2)          14475 N.W. 28 AVENUE          OPA-LOCKA, FLORIDA 33054          PH: (305) 885-9000 FAX: (305) 885-7511</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <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 07-052</td> <td>3/19/09</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 07-052	3/19/09	3	-	-	2	-	-	4	-	-
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE																
1	OLD 07-052	3/19/09	3	-	-																
2	-	-	4	-	-																
			<p>DRAWN BY: F.P./M.C.V.</p> <p>03/19/09 DATE</p> <p>09-042 DRAWING No</p> <p>SHEET 1 OF 10</p>																		





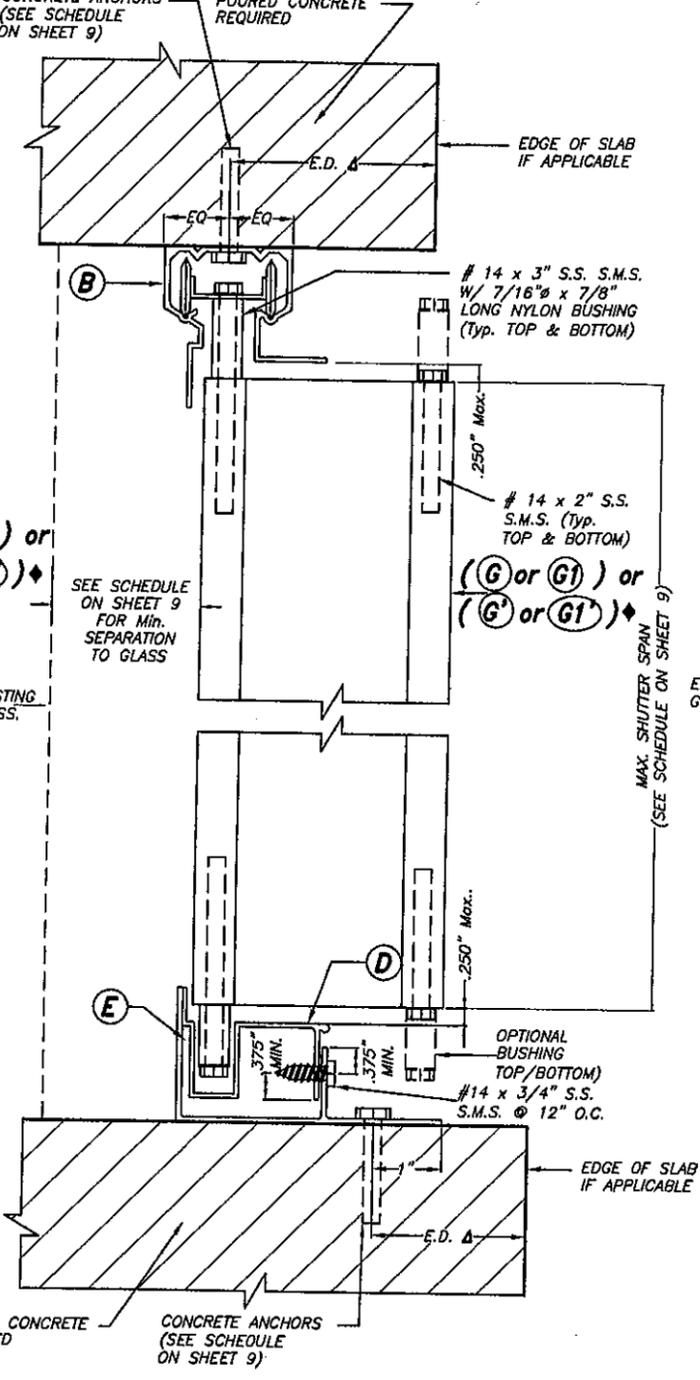
**WALL MOUNTING  
INSTALLATION  
SECTION A**

SCALE : 3/8" = 1"

Δ E.D. = EDGE DISTANCE, SEE SCHEDULE ON SHEET 9

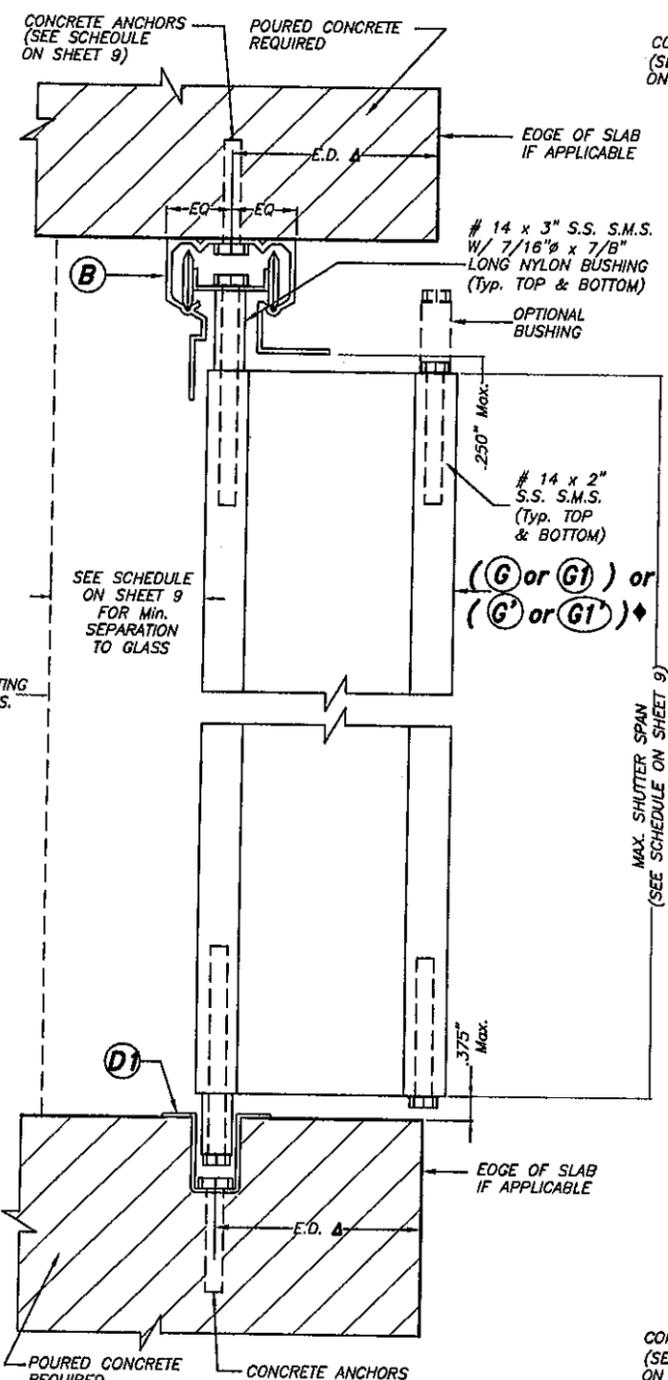
**NOTE :**  
WALL/FLOOR/CEILING MOUNTING SECTIONS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

◆ SEE LIMITATIONS OF USE FOR BLADES (G) AND (G1) ON SHEET 6.



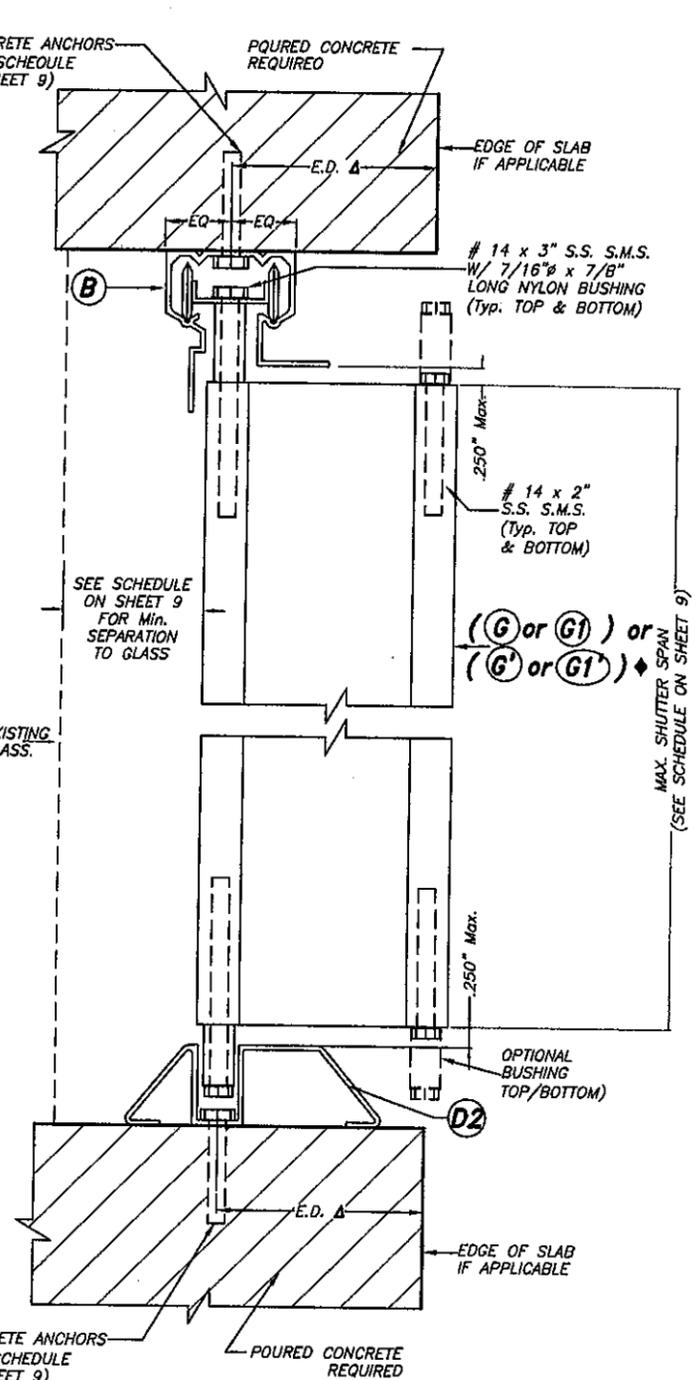
**CEILING & FLOOR  
MOUNTING INSTALLATION  
SECTION B**

SCALE : 3/8" = 1"



**CEILING & FLOOR  
MOUNTING INSTALLATION  
SECTION B1**

SCALE : 3/8" = 1"



**CEILING & FLOOR  
MOUNTING INSTALLATION  
SECTION B2**

SCALE : 3/8" = 1"

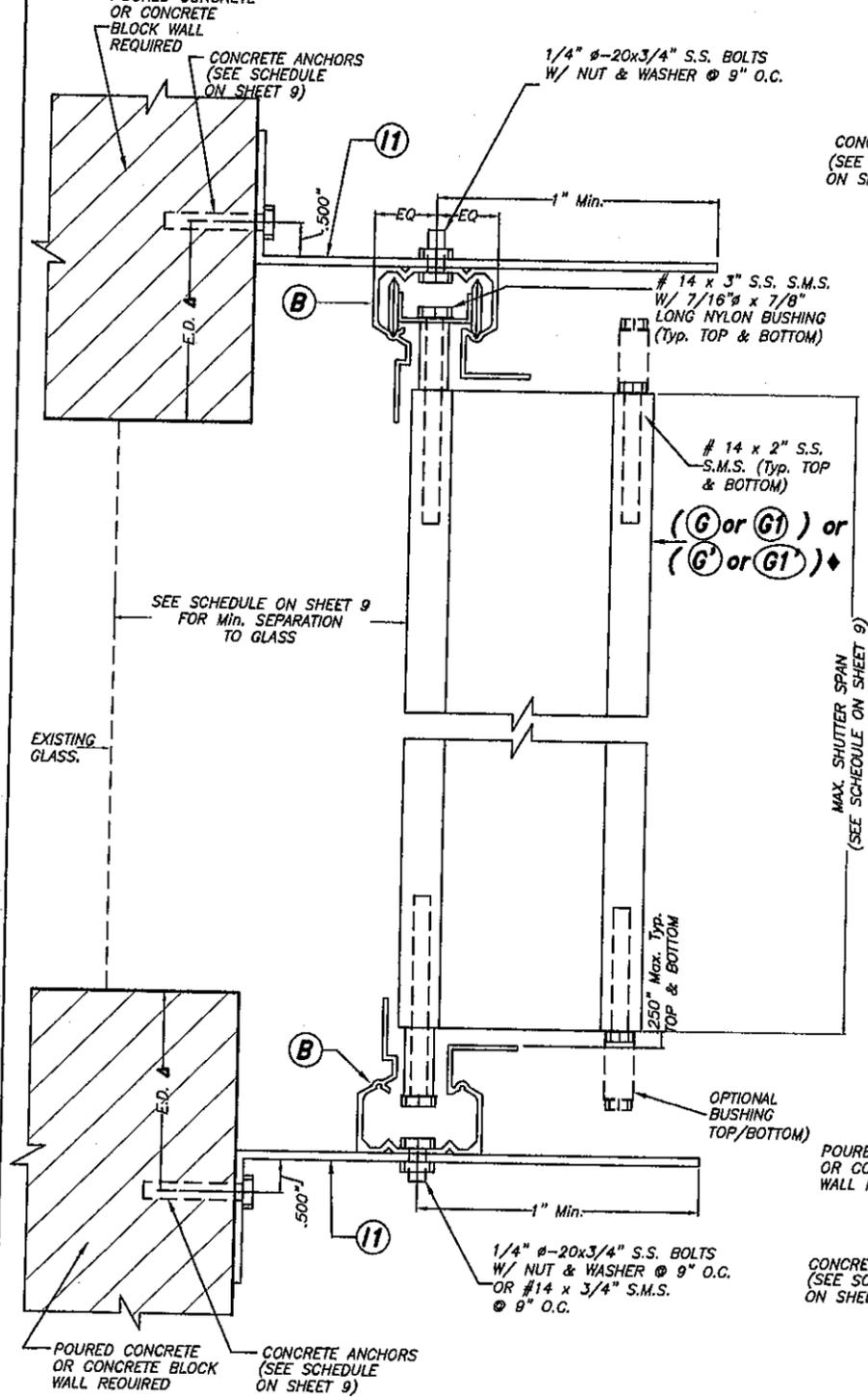
FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 09-1028.08  
Expiration Date 04/23/2011  
By *Helmut A. Weber*  
Miami Dade Product Control  
Division  
MIAMI-DADE COUNTY

*[Signature]*  
SEP 23 2009  
P.E. SEAL/SIGNATURE/DATE

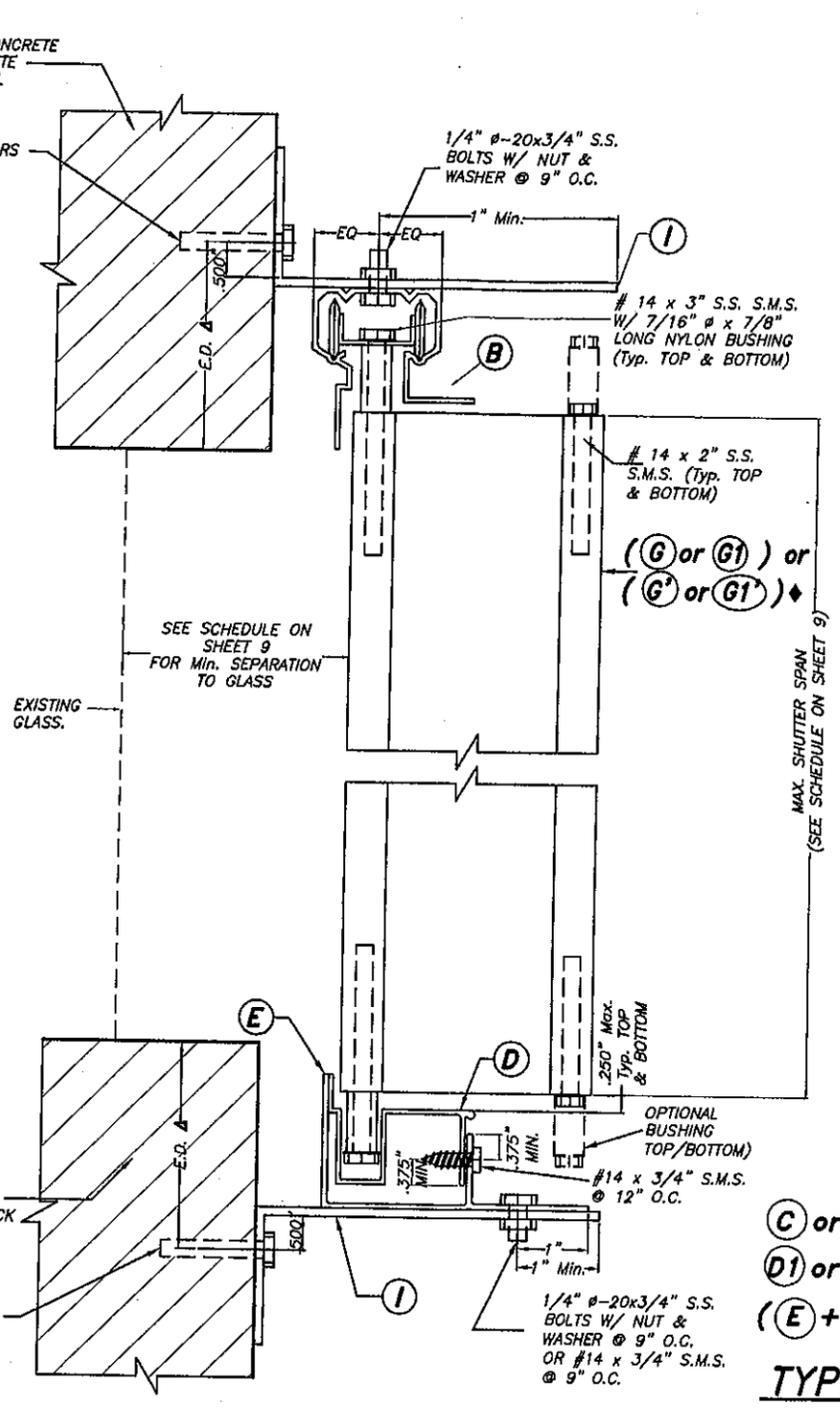
© 2009 HURRICANE PROTECTION MANUFACTURERS ASSOCIATION  
**TILECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166  
Phone : (305)871-1530 • Fax : (305)871-1531  
EB-0006719  
WALTER A. TILLIT Jr. P.E.  
FLORIDA Lic. # 44167

PERFORMANCE SYSTEM 2 ACCORDION SHUTTER					DRAWN BY: F.P./M.C.V.
FLORIDA STORM PANELS AND ACCORDIONS, INC. (H.P.M.A. # 2) 14475 N.W. 26 AVENUE OPA-LOCKA, FLORIDA 33054 PH: (305) 885-9000 FAX: (305) 885-7511					03/19/09 DATE
					09-042 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 07-052	3/19/09	3	-	-
2	-	-	4	-	-
					SHEET 3 OF 10



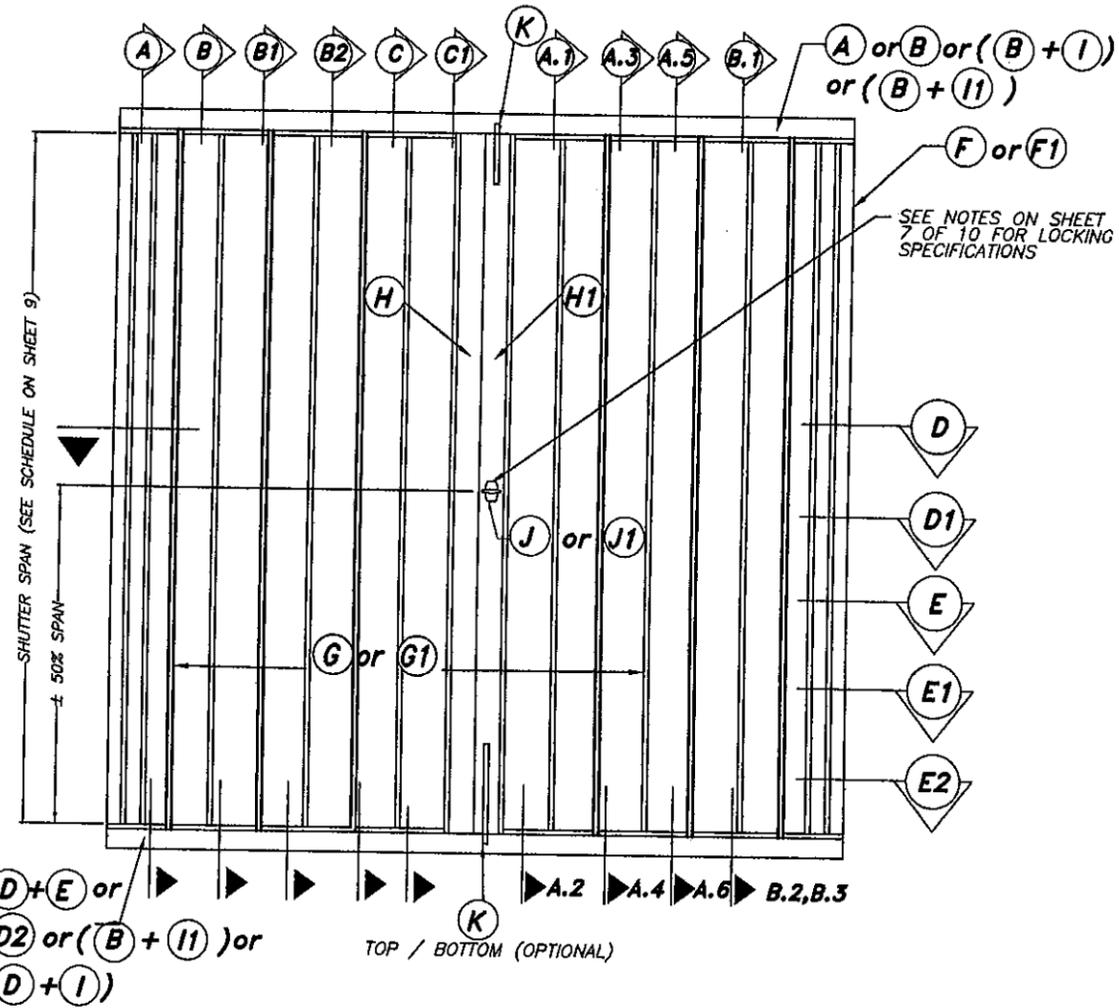
**BUILD-OUT INSTALLATION  
- SECTION C**

SCALE : 3/8" = 1"



**BUILD-OUT INSTALLATION  
- SECTION C1**

SCALE : 3/8" = 1"



**TYPICAL SHUTTER ELEVATION ONLY W/ G OR G1 BLADES**  
(SEE SHEET 6 FOR TYP. SHUTTER ELEVATION W/ G & G1 BLADES WORKING IN UNISON W/ G AND G1)  
N. T. S.

Δ E.D. = EDGE DISTANCE, SEE SCHEDULE ON SHEET 9

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

◆ SEE LIMITATIONS OF USE FOR BLADES G AND G1 ON SHEET 6.

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No 09-1028.08  
Expiration Date 04/23/2011  
By *Helmut A. Miller*  
Miami Dade Product Control  
Division  
MIAMI-DADE COUNTY

*Seal/Signature*  
**SEP 23 2009**  
P.E. SEAL/SIGNATURE/DATE

© 2009 HURRICANE PROTECTION MANUFACTURERS ASSOCIATION

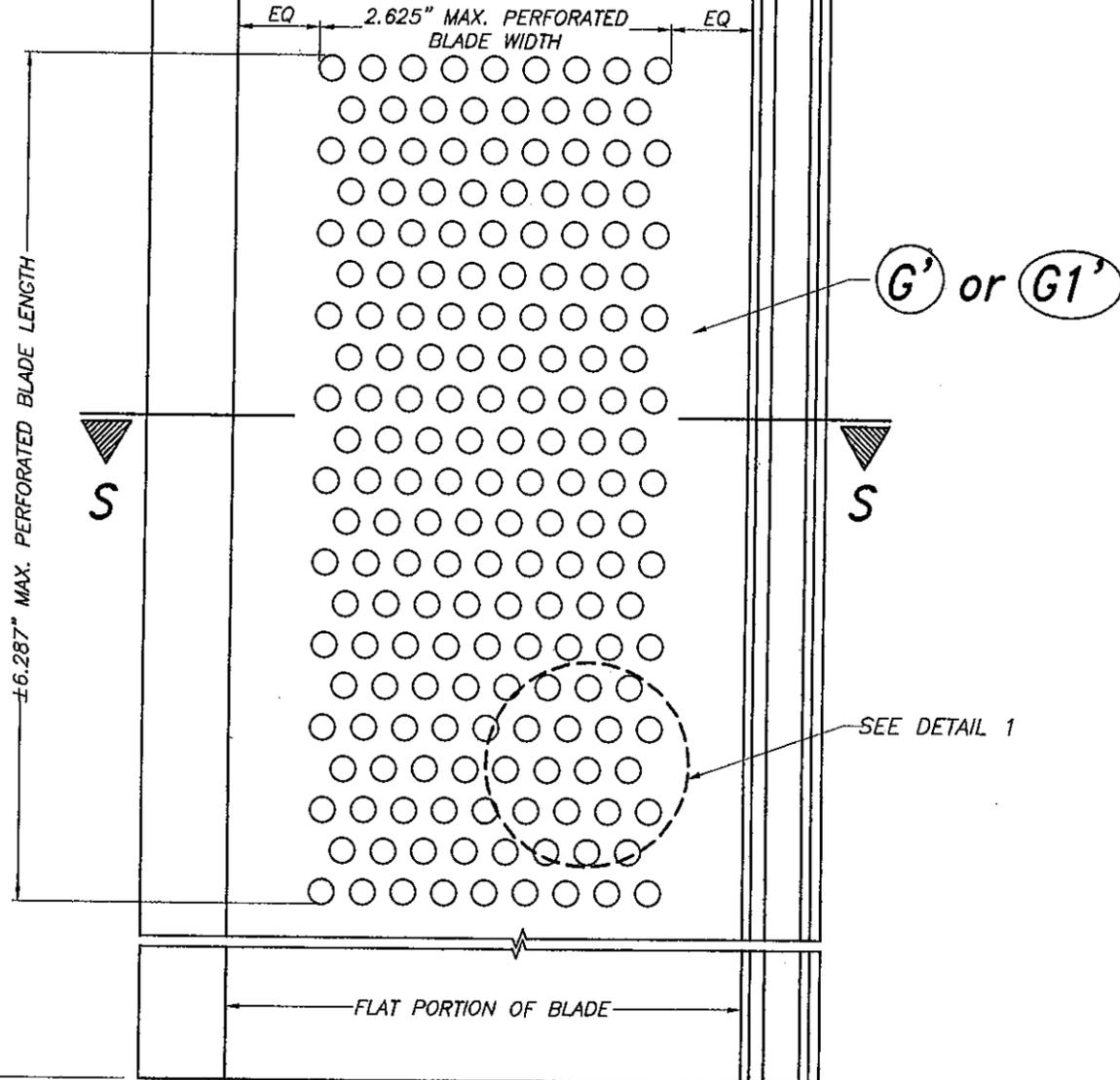
**TILECO INC.**

TILLIT TESTING & ENGINEERING COMPANY  
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166  
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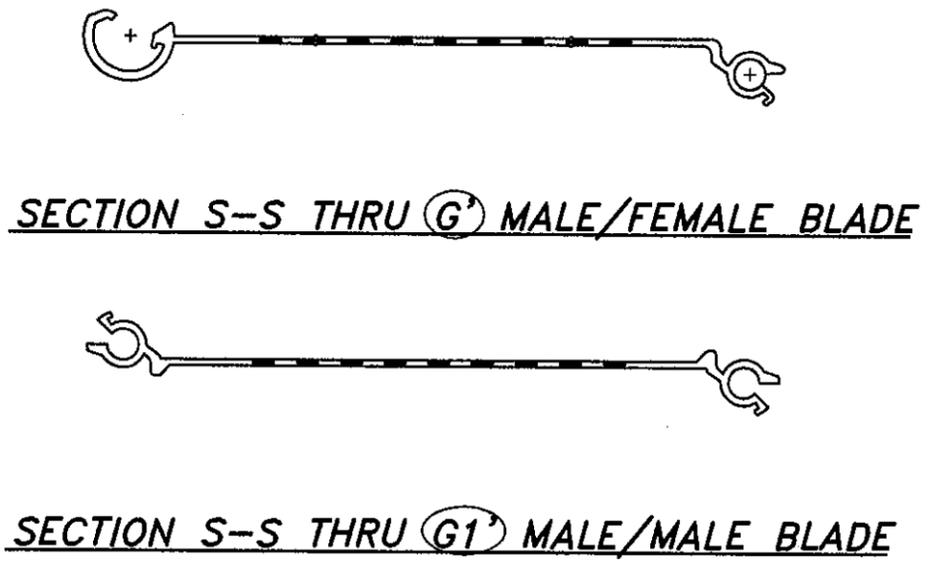
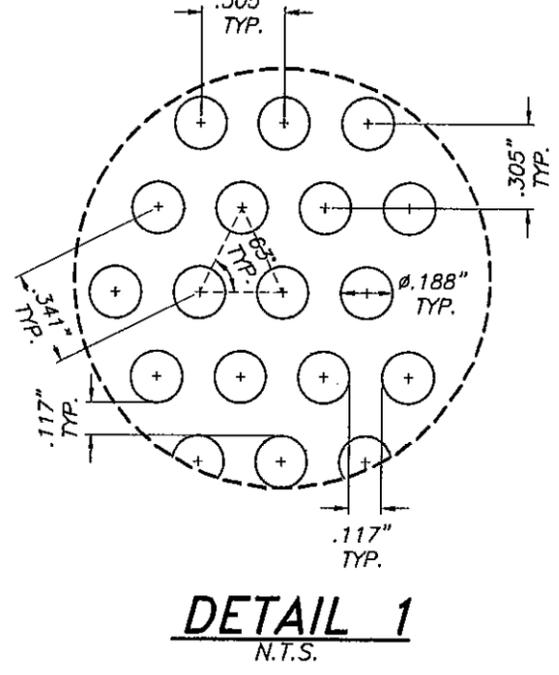
FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

PERFORMANCE SYSTEM 2 ACCORDION SHUTTER					DRAWN BY: F.P./M.C.V.
FLORIDA STORM PANELS AND ACCORDIONS, INC. (H.P.M.A. # 2) 14475 N.W. 26 AVENUE OPA-LOCA, FLORIDA 33054 PH: (305) 685-9000 FAX: (305) 685-7511					03/19/09 DATE
					09-042 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 07-052	3/19/09	3	-	-
2	-	-	4	-	-
					SHEET 4 OF 10

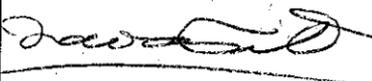
h" MAX. SHUTTER SPAN (SEE SCHEDULE ON SHEET 9 FOR INSTALLATIONS INTO  
POURED CONCRETE OR CONCRETE BLOCK WALL AND 9'-0" FOR  
INSTALLATIONS INTO WOOD)

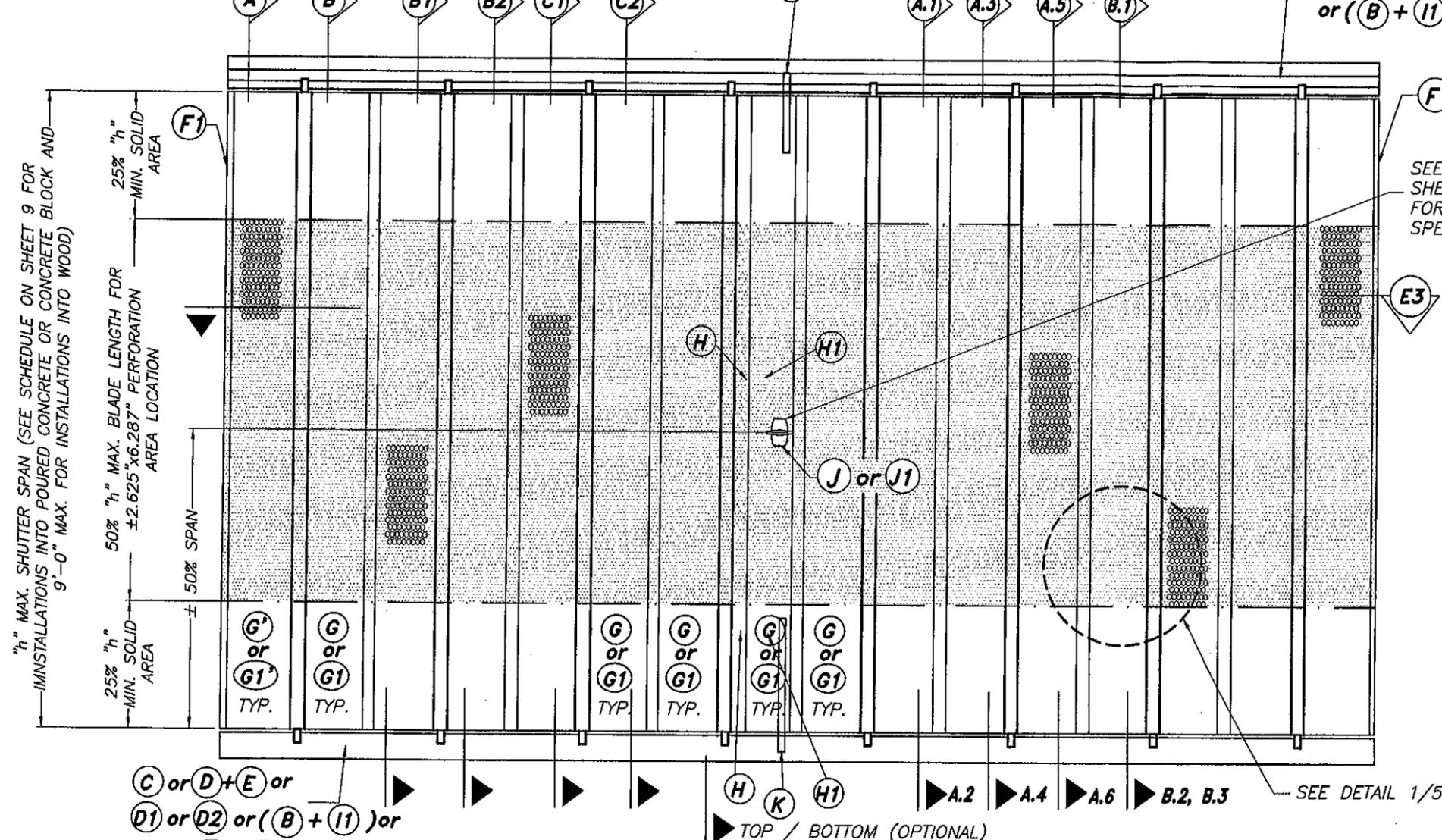


**TYPICAL G' OR G1' PERFORATED BLADE ELEVATION**  
SCALE: 1/2"=1"



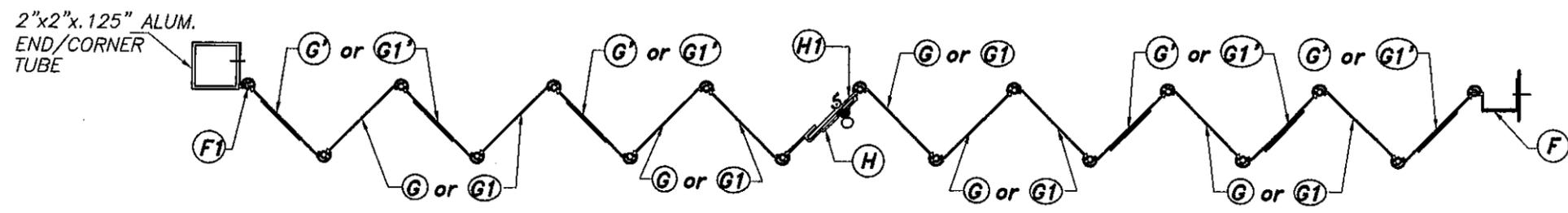
FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 09-1028.08 Expiration Date 04/23/2011 By <i>Heather A. Nelson</i> Miami Dade Product Control Division MIAMI-DADE COUNTY	 <b>SEP 23 2009</b> P.E. SEAL/SIGNATURE/DATE	© 2009 HURRICANE PROTECTION MANUFACTURERS ASSOCIATION  <b>TILLIT TESTING &amp; ENGINEERING COMPANY</b> 6355 N.W. 36th St., Ste. 305, 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 2 ACCORDION SHUTTER <b>FLORIDA STORM PANELS AND ACCORDIONS, INC.</b> (H.P.M.A. # 2) 14475 N.W. 26 AVENUE OPA-LOCKA, FLORIDA 33054 PH: (305) 685-9000 FAX: (305) 685-7511			DRAWN BY: F.P./M.C.V.
			REV. No DESCRIPTION DATE REV. No DESCRIPTION DATE 1 OLD 07-052 3/19/09 3 - - 2 - - 4 - -			03/19/09 DATE 09-042 DRAWING No SHEET 5 OF 10



- \* GENERAL LIMITATIONS AND CONDITIONS OF USE FOR (G) OR (G1) BLADE ACCORDION SHUTTER SYSTEM WORKING IN UNISON WITH (G) OR (G1) BLADES.**
1. MAXIMUM SHUTTER SPAN AND PRESSURE RATING, MAXIMUM ANCHOR SPACING AND MINIMUM SEPARATION TO GLASS FOR (G) AND (G1) WORKING IN UNISON WITH (G) AND (G1) ARE AS PER SCHEDULES ON SHEET 9.
  2. MAXIMUM PERFORATION AREA AT (G), (G1) IS ± 2.625"x 6.28" AND MUST BE LOCATED WITHIN THE CENTRAL 50% OF THE BLADE SPAN. SEE SHEET 5 FOR PERFORATED BLADES (G), (G1) SPECIFICATIONS. PERFORATED BLADES (G), (G1) MUST BE SOLID AT THE TOP AND BOTTOM 25% OF BLADE'S SPAN.
  3. PERFORATED BLADES (G), (G1) SHALL BE INSTALLED AT EVERY OTHER BLADE (FREQUENCY).
  4. CENTERMATES (H), (H1) MUST ALWAYS BE ACCOMPANIED BY TWO SOLID BLADES (G), (G1) AT EITHER SIDE OF EACH CENTERMATE.
  5. STARTERS AND CENTERMATES MUST BE ALWAYS SOLID.
  6. STARTERS CONNECTION TO EXISTING BUILDING OR TO END/CORNER TUBES MUST BE AS PER DETAILS INDICATED ON SHEET 7.

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



**TYPICAL SHUTTER PLAN (SECTION E3-E3)**  
**TYPICAL SHUTTER W/ (G) OR (G1) BLADES WORKING IN UNISON WITH (G) OR (G1) BLADES**  
N. T. S.

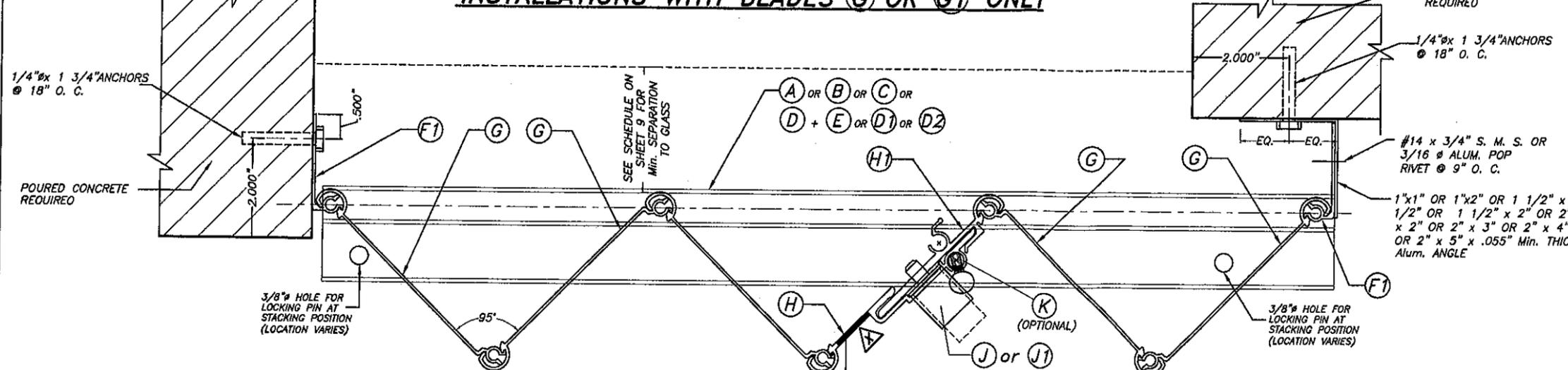
FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No 09-1028.08  
 Expiration Date 04/23/2011  
 By *Heather A. Miller*  
 Miami Dade Product Control  
 Division  
 MIAMI-DADE COUNTY

*Seal/Signature*  
 SEP 23 2009  
 P.E. SEAL/SIGNATURE/DATE

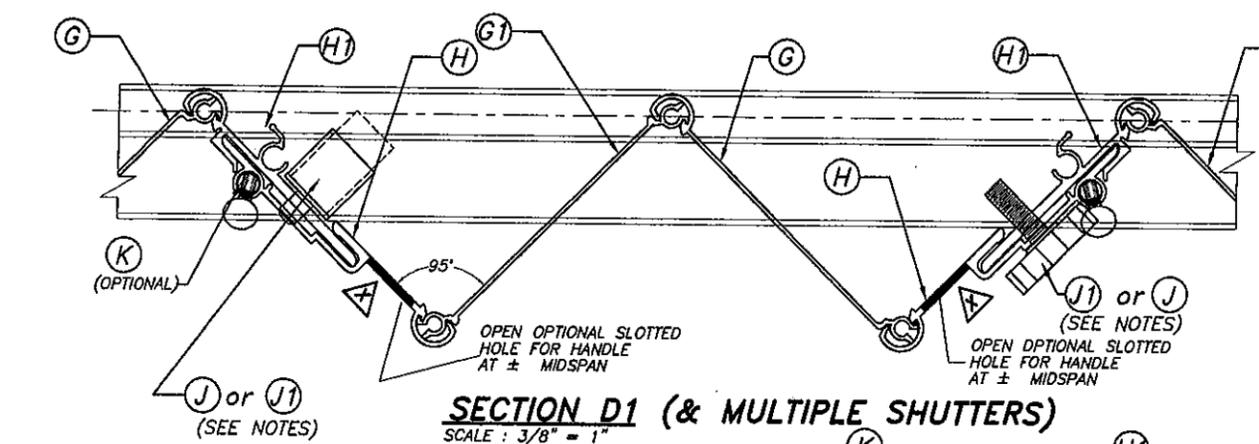
© 2009 HURRICANE PROTECTION MANUFACTURERS ASSOCIATION  
**TILTECO INC.**  
 TILLIT TESTING & ENGINEERING COMPANY  
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166  
 Phone: (305)871-1530 Fax: (305)871-1531  
 EB-0006719  
 WALTER A. TILLIT Jr., P.E.  
 FLORIDA Lic. # 44167

PERFORMANCE SYSTEM 2 ACCORDION SHUTTER						DRAWN BY: F.P./M.C.V.
FLORIDA STORM PANELS AND ACCORDIONS, INC. (H.P.M.A. # 2) 14475 N.W. 26 AVENUE OPA-LOCKA, FLORIDA 33054 PH: (305) 685-9000 FAX: (305) 685-7511						03/19/09 DATE
						09-042 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 6 OF 10
1	OLD 07-052	3/19/09	3	-	-	
2	-	-	4	-	-	

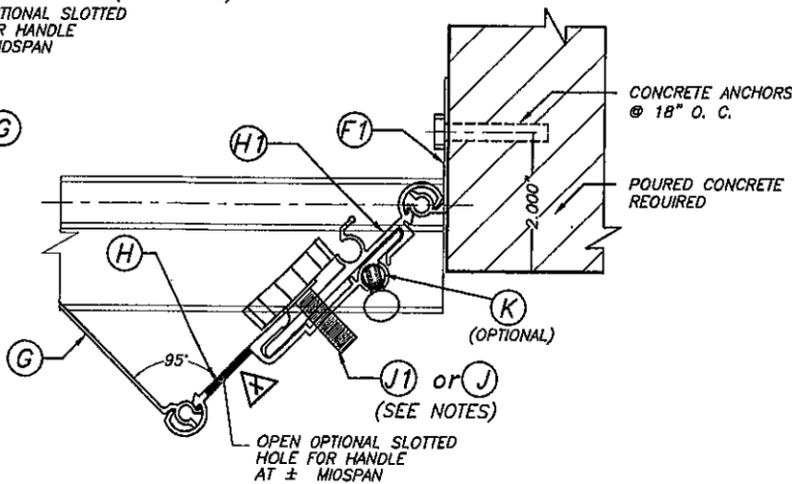


**SECTION D**  
SCALE: 3/8" = 1"

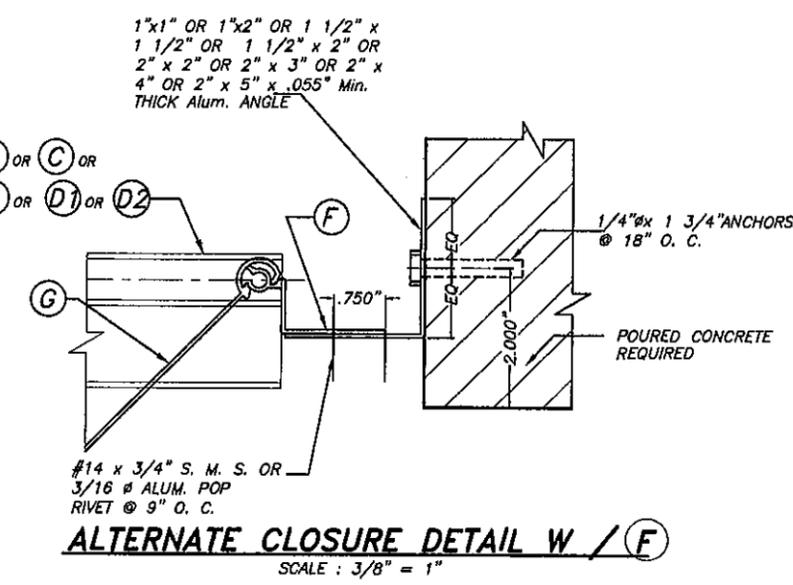
NOTES FOR LOCKING SYSTEM (1)  
 1-PUSH BOTTOM LOCK (J) MAY BE USED FOR INSTALLATIONS SECURED FROM THE OUTSIDE OR INSIDE OF SHUTTER. WHEN INSTALLING (J) FROM THE OUTSIDE, A 7/8" Ø MAX. HOLE MAY BE DRILLED AT (H) AND (J) MUST BE RIVETED FROM THE BACK OF (H) TO THE FRONT W/ (2) 3/16" Ø ALUM. POP RIVETS OR (2) #8x3/8" S.M.S. A 3/8" Ø HOLE MUST THEN BE DRILLED AT (H) 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 OR (2) #8x3/8" S.M.S. A 3/8" Ø HOLE MUST THEN BE DRILLED THRU (H) AND (H) TO ALLOW FOR (J)'S PIN TO PASS THRU.  
 2-5/16"x1" LOCK (J) 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 (H). HOLE DRILLED TO (H) SHALL BE TAPPED TO ACCEPT 18 THREADS PER INCH MACHINE SCREW.



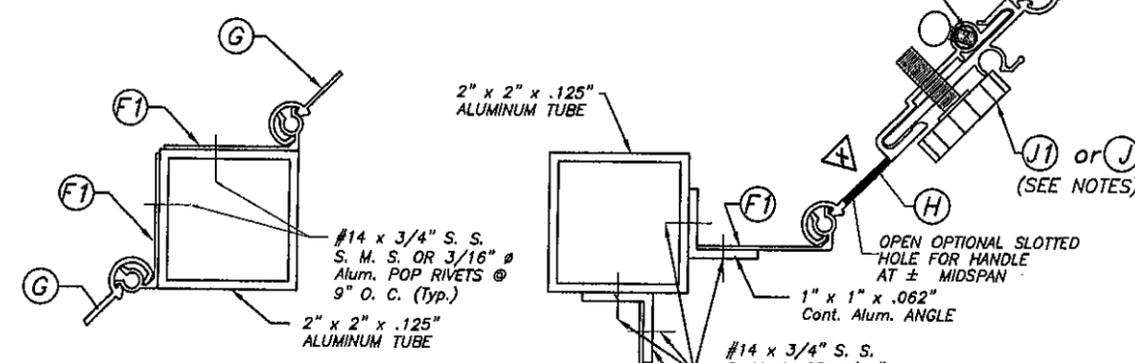
**SECTION D1 (& MULTIPLE SHUTTERS)**  
SCALE: 3/8" = 1"



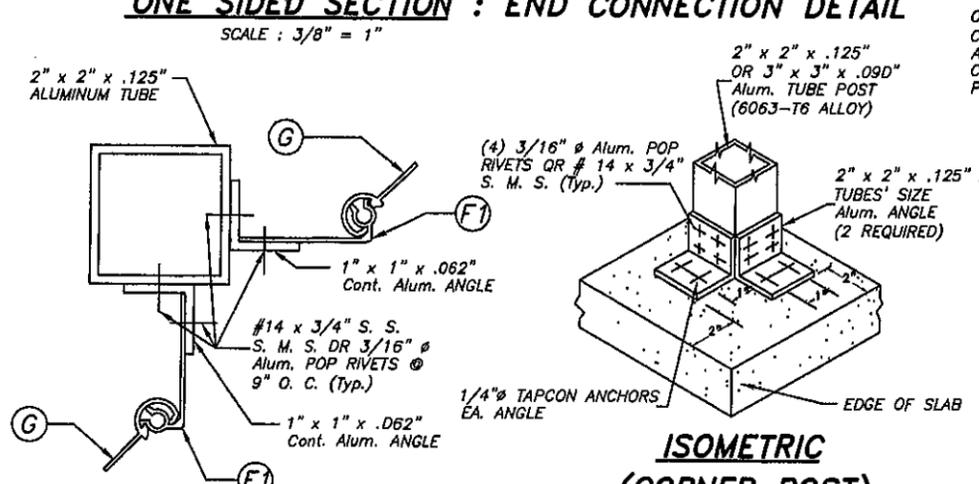
**ONE SIDED SECTION: END CONNECTION DETAIL**  
SCALE: 3/8" = 1"



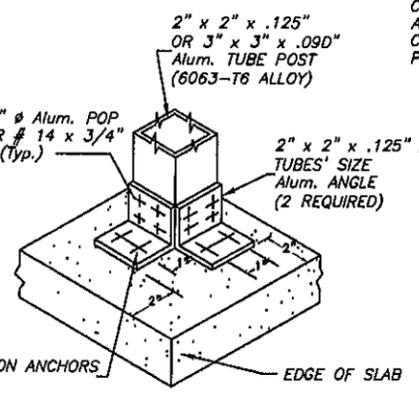
**ALTERNATE CLOSURE DETAIL W / (F)**  
SCALE: 3/8" = 1"



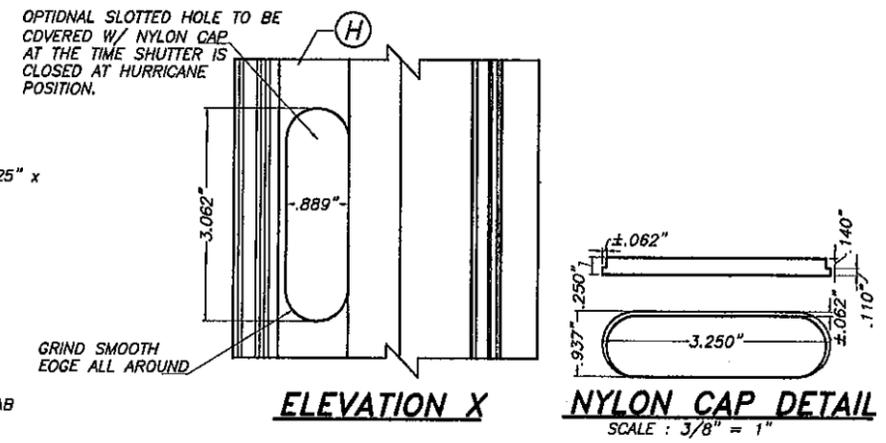
**SECTION E**  
SCALE: 3/8" = 1"



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



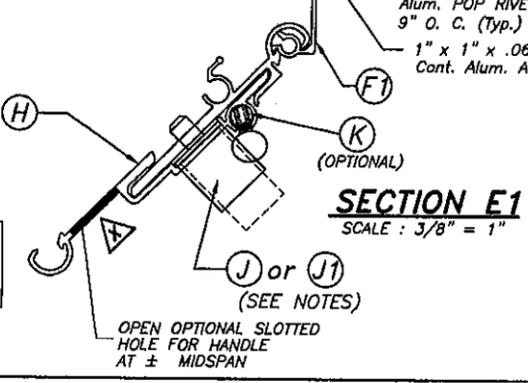
**ISOMETRIC (CORNER POST)**  
(Typ. AT TOP & BOTTOM SLABS)



**ELEVATION X**

**NYLON CAP DETAIL**  
SCALE: 3/8" = 1"

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



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

PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No 09-1028.08  
 Expiration Date 02/23/2011  
 By *Heber A. Melor*  
 Miami-Dade Product Control  
 Division MIAMI-DADE COUNTY

*David*  
 SEP 23 2009  
 P.E. SEAL/SIGNATURE/DATE

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**TILECO INC.**  
 TILLIT TESTING & ENGINEERING COMPANY  
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FLORIDA STORM PANELS AND ACCORDIONS, INC.						D3/19/09 DATE
(H.P.M.A. # 2) 14475 N.W. 26 AVENUE OPA-LOCKA, FLORIDA 33054 PH: (305) 685-9000 FAX: (305) 685-7511						09-042 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	DRAWING No
1	OLD 07-052	3/19/09	3	-	-	SHEET 7 OF 10
2	-	-	4	-	-	

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)



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 10'-0"	10'-0" TO MAX. ALLOWED	5'-0" OR LESS	5'-0" TO 8'-6"	8'-6" TO 10'-0"	10'-0" TO MAX. ALLOWED
FROM 40.0 TO 60.0	9	9	9	7	9	7	4	-
	9	9	9	5.5	9	6.5	3.5	-
	9	9	7	4	9	4.5	-	-
FROM >60.0 TO 75.0	9	9	7.5	5.5	9	3.5	-	-
	9	8.5	6	4.5	9	3	-	-
	9	6	4	3	8	-	-	-
FROM >75.0 TO 90.0	9	7	5	5	9	-	-	-
	9	5.5	4	4	9	-	-	-
	9	4	3	-	6.5	-	-	-
FROM >90.0 TO 120.0	9	4	3.5	-	4	-	-	-
	9	3.5	3	-	3.5	-	-	-
	7	-	-	-	-	-	-	-
FROM >120.0 TO 170.0	6	3.5	3.5	-	-	-	-	-
	4.5	3	3	-	-	-	-	-
	3	-	-	-	-	-	-	-
FROM >170.0 TO 195.0	4.5	3.5	-	-	-	-	-	-
	3.5	3	-	-	-	-	-	-
	-	-	-	-	-	-	-	-

MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING (in.) SCHEDULE. + (VALID FOR SECTIONS C1 ON SHEET 4).

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	5
	9	9	9	9	9	4.5
	9	9	8	9	5.5	3
FROM >60.0 TO 75.0	9	9	9	9	7	4
	9	9	9	9	6.5	3.5
	9	9	6.5	8	4.5	-
FROM >75.0 TO 90.0	9	9	9	9	5	3
	9	9	8	9	4.5	3
	9	8.5	5.5	6.5	3	-
FROM >90.0 TO 120.0	9	8.5	7.5	7.5	3	-
	9	7	6	7	2.5	-
	9	4.5	4	5	-	-
FROM >120.0 TO 170.0	9	7.5	7.5	4	-	-
	9	6	6	3.5	-	-
	6.5	4	4	-	-	-
FROM >170.0 TO 195.0	9	7.5	-	3	-	-
	7.5	6	-	-	-	-
	5	4	-	-	-	-

(VALID FOR SECTIONS B, B1, B2 ON SHEET 3).

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	6	6	6
	6	6	5.5
	6	6	5
FROM >60.0 TO 75.0	6	6	5.5
	6	6	4.5
	6	6	4.5
FROM >75.0 TO 90.0	6	6	5
	6	5.5	4.5
	6	5	4
FROM >90.0 TO 120.0	6	4.5	4.5
	6	4	3.5
	6	3.5	3.5
FROM >120.0 TO 170.0	5.5	4.5	4.5
	5	3.5	3.5
	4.5	3.5	3.5
FROM >170.0 TO 195.0	5	4.5	-
	4	3.5	-
	4	3.5	-

(VALID FOR SECTION C ON SHEET 4).

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	6	6	6	6	6	6
	6	6	6	6	6	5.5
	6	6	6	6	5.5	3.5
FROM >60.0 TO 75.0	6	6	6	6	6	5
	6	6	6	6	6	4.5
	6	6	6	6	4.5	3.5
FROM >75.0 TO 90.0	6	6	6	6	6	4.5
	6	6	6	6	5.5	4
	6	6	6	6	3.5	3
FROM >90.0 TO 120.0	6	6	6	6	4.5	4
	6	6	6	6	4	3.5
	6	6	6	5	3	-
FROM >120.0 TO 170.0	6	6	6	5.5	4	4
	6	6	6	4.5	3.5	3.5
	6	6	6	3.5	-	-
FROM >170.0 TO 195.0	6	6	-	4.5	4	-
	6	6	-	4	3.5	-
	6	6	-	3	-	-

TYP. ANCHOR SPACING LEGEND  
TAPCON OR MAXI-SET TAPCONS  
CALK-IN  
CRETE-FLEX SS4

MAXIMUM SPAN "L" SCHEDULE.

MAXIMUM DESIGN LOAD "W" (p.s.f.)	MAXIMUM SHUTTER SPAN SPAN FOR ALL SECTIONS		MINIMUM SEPARATION TO GLASS (in.) ALL SECTIONS
	Max. SHUTTER SPAN L+ (ft.)	Max. SHUTTER SPAN L- (ft.)	
40	13'-0"	14'-1"	3"
45	12'-8"	14'-1"	3"
50	12'-4"	14'-1"	3"
55	12'-0"	13'-5"	3"
60	11'-10"	12'-10"	3"
65	11'-6"	12'-4"	3"
70	11'-4"	11'-11"	3"
75	11'-2"	11'-6"	3"
80	11'-0"	11'-2"	3"
85	10'-9"	11'-0"	3"
90	10'-6"	10'-6"	3"
95	10'-2"	10'-3"	2 7/8"
100	9'-11"	9'-11"	2 7/8"
105	9'-9"	9'-8"	2 5/8"
110	9'-6"	9'-6"	2 1/2"
115	9'-3"	9'-3"	2 1/2"
120	9'-1"	9'-1"	2 1/2"
125	8'-10"	8'-10"	2 1/2"
130	8'-6"	8'-6"	2 3/8"
135	-----	8'-2"	2 3/8"
140	-----	7'-11"	2 3/8"
145	-----	7'-7"	2 3/8"
150	-----	7'-4"	2 3/8"
155	-----	7'-1"	2 3/8"
160	-----	6'-11"	2 3/8"
165	-----	6'-8"	2 3/8"
170	-----	6'-6"	2 3/8"
175	-----	6'-4"	2 3/8"
180	-----	6'-1"	2 3/8"
185	-----	5'-11"	2 3/8"
190	-----	5'-10"	2 3/8"
195	-----	5'-8"	2 3/8"

+ MINIMUM ANCHOR SPACINGS LISTED BELOW ARE AS PER MIN. EDGE DISTANCE SCHEDULE. FOR E.D. LESS THAN INDICATED ON SCHEDULE, REDUCE ANCHOR SPACING BY MULTIPLYING SPACING SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS. 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	CRETE-FLEX
1 1/2"	.35	-	0.57 ♦♦
2 1/2"	-	0.50	-
3"	1.00	0.63	1.00 ♦♦

♦♦ FACTOR IS APPLICABLE ONLY FOR POURED CONCRETE

MINIMUM ANCHORS E.D. SCHEDULE

ANCHORS TYPE	MINIMUM EDGE DISTANCE (E.D.)	
	CONCRETE	C. BLOCK
1/4" TAPCON 3192 psi Min. CONCRETE	3"	3"
1/4" CALK-IN 3000 psi Min. CONCRETE	3"	4"
1/4" CRETE FLEX 3350 psi Min. CONCRETE	3"	3"

◆ NOTES:  
(1) L+: MAXIMUM ALLOWABLE SHUTTER SPAN FOR A GIVEN POSITIVE DESIGN LOAD.  
L-: MAX. ALLOWABLE SHUTTER SPAN FOR A GIVEN NEGATIVE DESIGN LOAD.  
(2) PROCEDURE TO DETERMINE MAXIMUM SHUTTER SPAN FOR WALL MOUNTINGS OR FLOOR/CEILING:  
GIVEN A POSITIVE DESIGN LOAD, DETERMINE MAXIMUM SHUTTER SPAN "L+" FROM SCHEDULE.  
GIVEN A NEGATIVE DESIGN LOAD, DETERMINE MAXIMUM SHUTTER SPAN "L-" FROM SCHEDULE.  
FINAL MAXIMUM ALLOWABLE SHUTTER SPAN IS EQUAL TO THE MINIMUM DETERMINED SHUTTER SPAN BETWEEN "L+" AND "L-".

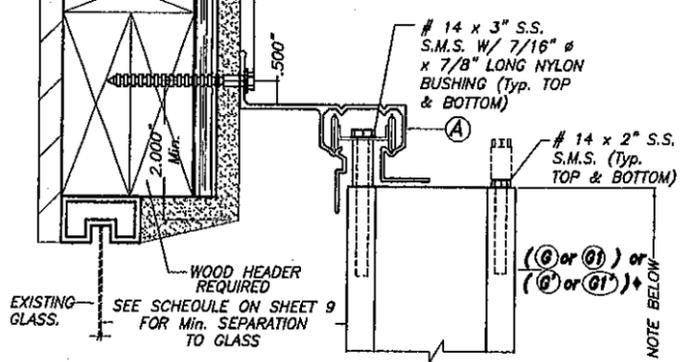
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Miami Dade Product Control Division  
MIAMI-DADE COUNTY

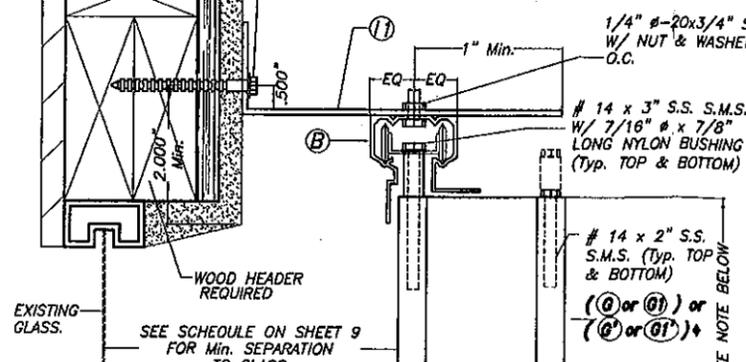
SEP 23 2009  
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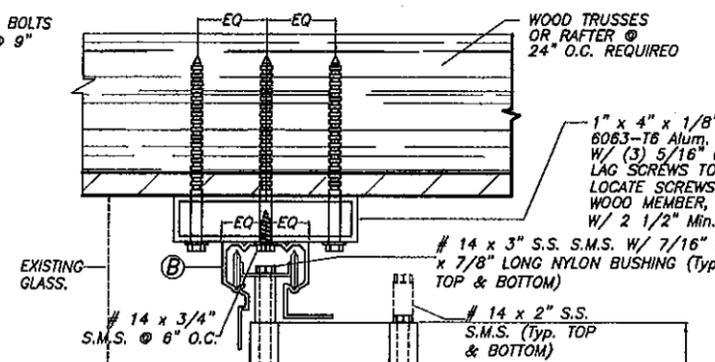
PERFORMANCE SYSTEM 2 ACCORDION SHUTTER  
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FLORIDA STORM PANELS AND ACCORDIONS, INC.  
(H.P.M.A. # 2)  
14475 N.W. 26 AVENUE  
OPA-LOCCA, FLORIDA 33054  
PH: (305) 685-9000 FAX: (305) 685-7511  
03/19/09 DATE  
09-042  
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1 OLD 07-052 3/19/09 3 - -  
2 - - - 4 - -  
SHEET 9 OF 10



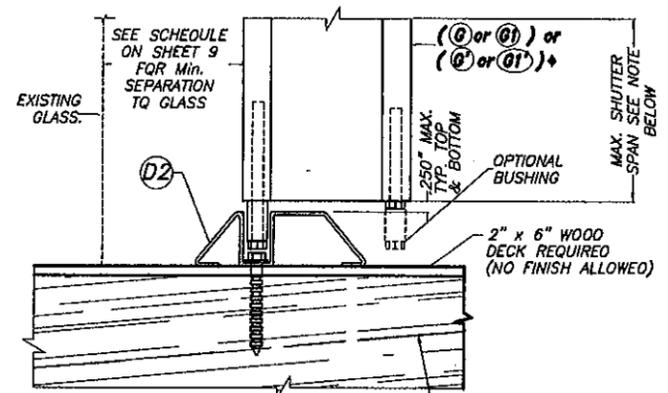
**ALTERNATIVE 1**



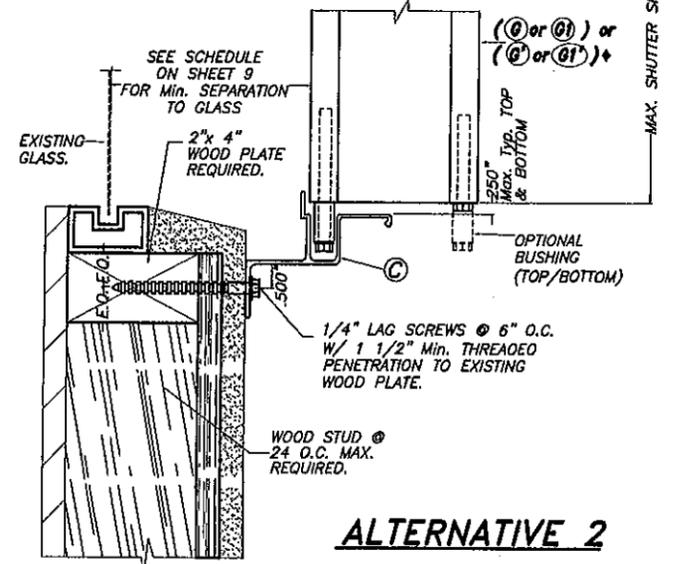
**ALTERNATIVE 3**



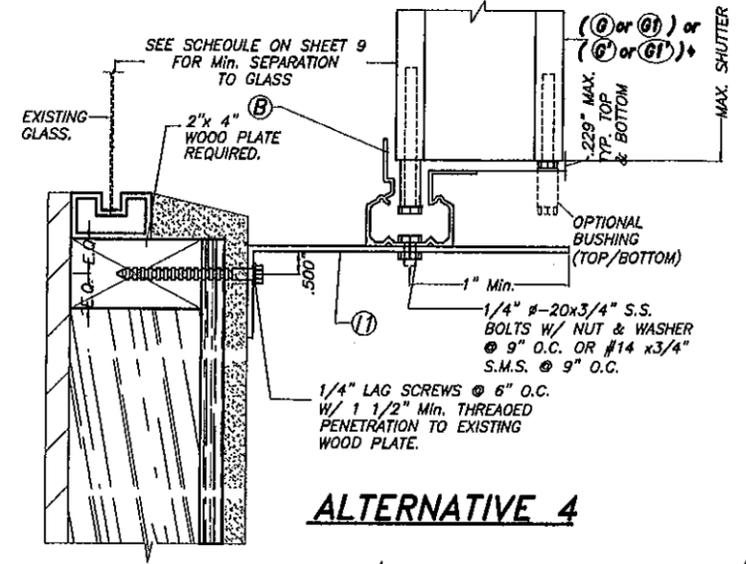
**ALTERNATIVE 1**



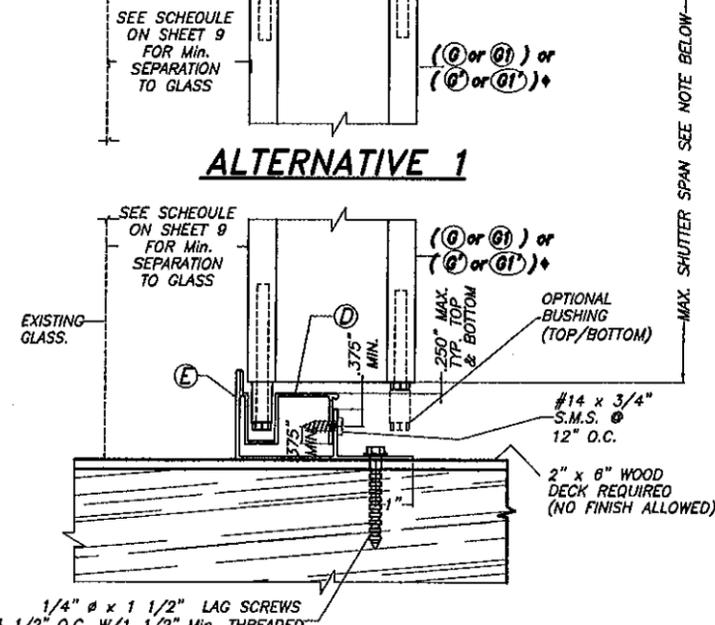
**ALTERNATIVE 3**



**ALTERNATIVE 2**



**ALTERNATIVE 4**



**ALTERNATIVE 2**

**WALL MOUNTING INSTALLATION (OFFSET)**

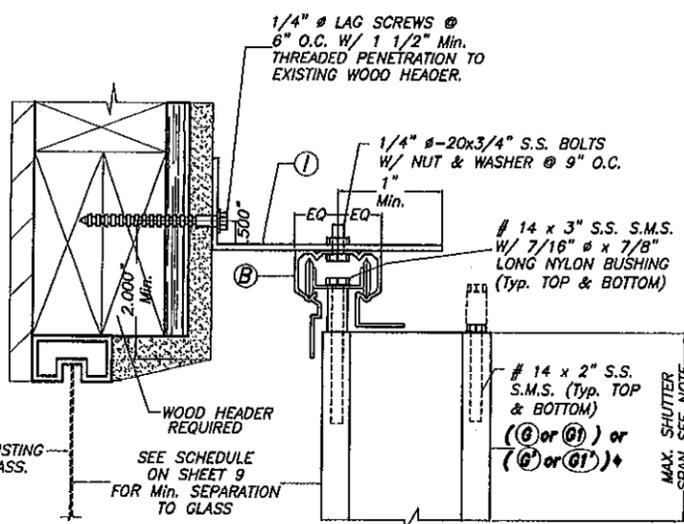
**SECTIONS B**

SCALE: 1/4"=1"

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

SEE LIMITATIONS OF USE FOR BLADES (G) AND (G1) ON SHEET 6.

- NOTES:
- INSTALLATIONS ARE ONLY VALID FOR 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.



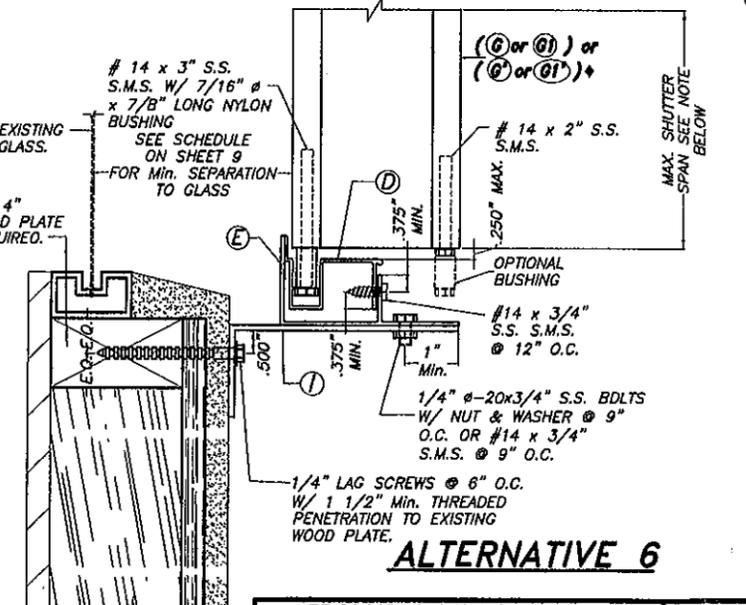
**ALTERNATIVE 5**

**WALL MOUNTING INSTALLATION (OFFSET)**

**SECTIONS A**

SCALE: 1/4"=1"

**INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS**



**ALTERNATIVE 6**

PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No 09-1028.08  
 Expiration Date 04/23/2011  
 By *Walter A. Tillit Jr.*  
 Miami Dade Product Control  
 Division  
 MIAMI-DADE COUNTY

*Walter A. Tillit Jr.*  
 SEP 23 2009  
 P.E. SEAL/SIGNATURE/DATE

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**TILECO inc.**

TILLIT TESTING & ENGINEERING COMPANY  
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166  
 Phone: (305)871-1530 Fax: (305)871-1531  
 EB-0006719  
 WALTER A. TILLIT Jr. P.E.  
 FLORIDA Lic. # 44167

PERFORMANCE SYSTEM 2 ACCORDION SHUTTER						DRAWN BY: F.P./M.C.V.
FLORIDA STORM PANELS AND ACCORDIONS, INC. (H.P.M.A. # 2) 14475 N.W. 26 AVENUE OPA-LOCKA, FLORIDA 33054 PH: (305) 685-9000 FAX: (305) 685-7511						03/19/09 DATE
						09-042
						DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	
1	OLD 07-052	3/19/09	3	-	-	
2	-	-	4	-	-	