



**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.buildingcodeonline.com](http://www.buildingcodeonline.com)

**NOTICE OF ACCEPTANCE (NOA)**

**Ready Window Sales & Services Corp.**  
**3645 N.W. 50<sup>TH</sup> Street**  
**Miami, Florida 33142**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: 0.036" (min.) Galvanized Steel Storm Panels Shutter**

**APPROVAL DOCUMENT:** Drawing No. 06-004, titled " 0.036 thick Galvanized Steel Storm Panel ", sheets 1 through 8 of 8, and sheets 1A & 2A of 8, dated 01/10/2006, last revision #1 dated 01/10/2006, prepared by Tilteco, Inc., signed & sealed by Walter A. Tillit Jr., P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact**

**LABELING:** Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

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

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises & renews NOA # 02-0619.04** and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

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



*Helmy A. Makar*  
 03/16/2006

**NOA No 06-0221.04**  
**Expiration Date: 12/01/2010**  
**Approval Date: 03/16/2006**  
**Page 1**

**Ready Window Sales & Services Corp.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #98-0529.12**

**A. DRAWINGS**

1. *Drawing prepared by Drawing No. 98-129, titled "20 Gage Galvanized Steel Storm Panel," prepared by Tilteco, Inc., dated May 28, 1998 revised October 09, 1997, sheets 1 through 6 of 6, signed and sealed by Walter Tillit, Jr. P.E.*

**B. TESTS**

1. *See file for NOA # 97-731.03. (This is a name change with no other revision)*

**C. CALCULATIONS**

1. *See file for NOA # 97-731.03. (This is a name change with no other revision)*

**D. MATERIAL CERTIFICATIONS**

1. *See file for NOA # 97-731.03. (This is a name change with no other revision)*

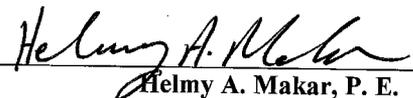
**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #99-1006.01**

**A. DRAWINGS**

1. *Drawing No. 99-120, titled "20 Gage Galvanized Steel Storm Panel," prepared by Tilteco, Inc., dated April 2, 1999, last revision #2 dated November 24, 1999, sheets 1 through 8 of 8, signed and sealed by Walter Tillit, Jr., P.E.*

**B. TESTS**

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Static Wind Pressure Test of 20 ga. Galvanized steel storm panels, prepared by Fenestration Testing Laboratory, Inc., Report No. 2222, dated February 23, 1999, signed and sealed by Jose D. Mitrani, P.E.*
2. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Static Wind Pressure Test of 20 ga. Galvanized steel storm panels, prepared by Fenestration Testing Laboratory, Inc., Report No. 2223, dated February 23, 1999, signed and sealed by Jose D. Mitrani, P.E.*
3. *Test report on Large Missile Impact Test, and Cyclic Wind Pressure Test of 20 ga. Galvanized steel storm panels, prepared by Fenestration Testing Laboratory, Inc., Report No. 2293, dated June 15, 1999, signed and sealed by Jose D. Mitrani, P.E.*
4. *Test report on Large Missile Impact Test, and Cyclic Wind Pressure Test of 20 ga. Galvanized steel storm panels, prepared by Fenestration Testing Laboratory, Inc., Report No. 2294, dated February 23, 1999, signed and sealed by Jose D. Mitrani, P.E.*



**Helmy A. Makar, P. E.  
Product Control Examiner**

**NOA No 06-0221.04  
Expiration Date: 12/01/2010  
Approval Date: 03/16/2006**

**Ready Window Sales & Services Corp.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**C. CALCULATIONS**

1. *Anchor calculations, dated July 19, 1999, pages 1 through 15 of 15, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.*

**D. MATERIAL CERTIFICATIONS**

1. *Mill certified Inspection Report with chemical composition and physical properties.*
2. *Certified Tensile Test Report by ATC, Report No. 13974.0001, dated August 13, 1999, for sample No. FTL #2222 A-1, in accordance with ASTM A370-97a, signed and sealed by Steven E. Black, P.E.*

**E. OTHER**

1. *Letter issued by Walter T. Tillit, Jr., P.E., dated September 24, 1999, stating the changes.*

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #00-1013.05**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. MATERIAL CERTIFICATIONS**

1. *None.*

**E. OTHER**

1. *Letter issued by Walter T. Tillit, Jr., P.E., dated October 2, 2000, stating that he is still in the engineering business.*
2. *Letter from Shield Shutters, Inc., dated October 2, 2000, signed by Mr. Eliseo Guerra, stating that the product has not changed.*

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-0619.04**

**A. DRAWINGS**

1. *Drawing No. 02-355, titled " 20 gage Galvanized Steel Storm Panel ", sheets 1 through 8 of 8, including sheet 1A, total of 9 sheets, prepared by Tilteco, Inc., dated June 12, 2002, last revision #1 dated June 12, 2002, signed and sealed by Walter T. Tillit, Jr., P.E.*



Helmy A. Makar, P. E.  
Product Control Examiner  
NOA No 06-0221.04  
Expiration Date: 12/01/2010  
Approval Date: 03/16/2006

**Ready Window Sales & Services Corp.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. MATERIAL CERTIFICATIONS**

1. *None.*

**E. STATEMENTS**

1. *Statement letter of conformance from Tilteco, Inc., dated June 17, 2002, signed and sealed by Walter T. Tillit, Jr., P.E.*

**5. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. 06-004, titled " 0.036 thick Galvanized Steel Storm Panel ", sheets 1 through 8 of 8, and sheets 1A & 2A of 8, dated 01/10/2006, last revision #1 dated 01/10/2006, prepared by Tilteco, Inc., signed & sealed by Walter A. Tillit Jr., P.E.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *Anchor calculations, dated January 20, 2006, pages 1 through 54 of 54, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. OTHER**

1. *Letter issued by Walter T. Tillit, Jr., P.E., dated January 11, 2006, stating the changes.*
2. *Shutter Machine Purchase agreement.*



Helmy A. Makar, P. E.  
Product Control Examiner  
NOA No 06-0221.04  
Expiration Date: 12/01/2010  
Approval Date: 03/16/2006

**GENERAL NOTES:**

1. STORM PANEL SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2004 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 COMPONENTS AND ANCHORS ON THIS P.A.D. AS TESTED WERE NOT OVER STRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THEIR ANALYSIS. A DURATION FACTOR CD=1.60 WAS USED FOR VERIFICATION OF FASTENERS IN WOOD.

STORM PANEL'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1609.1.4 OF THE ABOVE MENTIONED CODE AS PER AMERICAN TEST LAB REPORT # 0926.02-96, AND FENESTRATION TESTING LAB REPORTS # 2222, 2223, 2293 & 2294, AS PROTOCOLS TAS-201, TAS-202 AND TAS-203.

2. ALL STEEL SHEET METAL PANELS SHALL HAVE STRUCTURAL QUALITY ASTM A-653, GRADE 40 MINIMUM, AND TO BE G-60 GALVANIZED STEEL DESIGNATION W/ MINIMUM Fy=49 ksi (AFTER ROLLED),

3. ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 ALLOY AND TEMPER. (UNLESS OTHERWISE NOTED).

4. ALL SCREWS TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 WITH 50 ksi YIELD STRENGTH AND 90 ksi TENSILE STRENGTH.

5. BOLTS TO BE 2024-T4 ALUMINUM ALLOY, GALVANIZED OR STAINLESS STEEL, WITH 36 ksi MINIMUM YIELD STRENGTH.

6. ANCHORS TO WALL SHALL BE AS FOLLOWS: (UNLESS OTHERWISE NOTED)

(A) TO EXISTING POURED CONCRETE f'c=3320 psi MIN.:

- 1/4" Ø TAPCON ANCHORS, AS MANUFACTURED BY ITW/RAMSET OR ELCO TEXTRON, INC.

- 1/4" Ø x 7/8" CALK-IN ANCHORS AS MANUFACTURED BY POWERS FASTENERS, INC.

NOTES:

A.1) MINIMUM EMBEDMENT OF TAPCON ANCHORS INTO POURED CONCRETE SHALL BE 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" Ø-20 SCREWS USED

SHALL BE 1 1/2" LONG MINIMUM SHOULD STUCCO EXIST, AND 1" MINIMUM FOR WALLS WITH NO STUCCO.

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 INDICATED ON NOTES A.1) & A.2) ABOVE.

(B) TO EXISTING ASTM C-90 CONCRETE BLOCK WALL:

- 1/4" Ø TAPCON ANCHORS, AS MANUFACTURED BY ITW/RAMSET OR ELCO TEXTRON, INC.

- 1/4" Ø x 7/8" CALK-IN ANCHORS AS MANUFACTURED BY POWERS FASTENERS, INC.

NOTES:

B.1) MINIMUM EMBEDMENT OF TAPCON ANCHORS INTO THE CONCRETE BLOCK UNIT SHALL BE 1 1/4".

B.2) 7/8" CALK-IN ANCHORS SHALL BE ENTIRELY EMBEDDED INTO THE CONCRETE BLOCK UNIT. NO EMBEDMENT INTO STUCCO SHALL BE PERMITTED. 1/4" Ø-20 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 1 1/4" MINIMUM FOR ANCHORS MENTIONED IN B.1), & 7/8" FOR ANCHORS MENTIONED IN B.2).

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

7. 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 BE ATTACHED TO CONCRETE, BLOCK OR WOOD FRAME BUILDINGS. CONTRACTOR TO SEAL/CAULK ALL SHUTTER COMPONENT EDGES WHICH REMAIN IN CONTINUOUS CONTACT WITH THE BUILDING TO PREVENT WIND/RAIN INTRUSION. CAULK AND SEAL SHUTTER TRACKS ALL AROUND FULL LENGTH.

8. PANEL MAY ALSO BE INSTALLED HORIZONTALLY FOLLOWING INSTALLATION DETAILS SHOWN ON SECTIONS 1 THRU 5 (SHEET 2A OF 8) WITH END COMPONENTS ④, ④A, ⑤ & ⑥ EXCEPT THAT HEADERS ②, ③ & ③A SHALL NOT BE USED.

9. STORM PANEL INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

10. (a) THIS 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 P.A.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS P.A.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED PROFESSIONAL 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 A 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 OF RECORD THAT PREPARED IT.

11. SHUTTER'S MANUFACTURER PERMANENT LABEL SHALL BE PLACED ON THE EXPOSED SURFACE OF THE CENTER FLANGE OF A PANEL APPROXIMATELY 4" ABOVE THE BOTTOM OF SUCH PANEL. ONE LABEL BE PLACED FOR EVERY PANEL.

LABEL SHALL READ AS FOLLOWS:

READY WINDOW SALES & SERVICES CORP.

MIAMI, FLORIDA

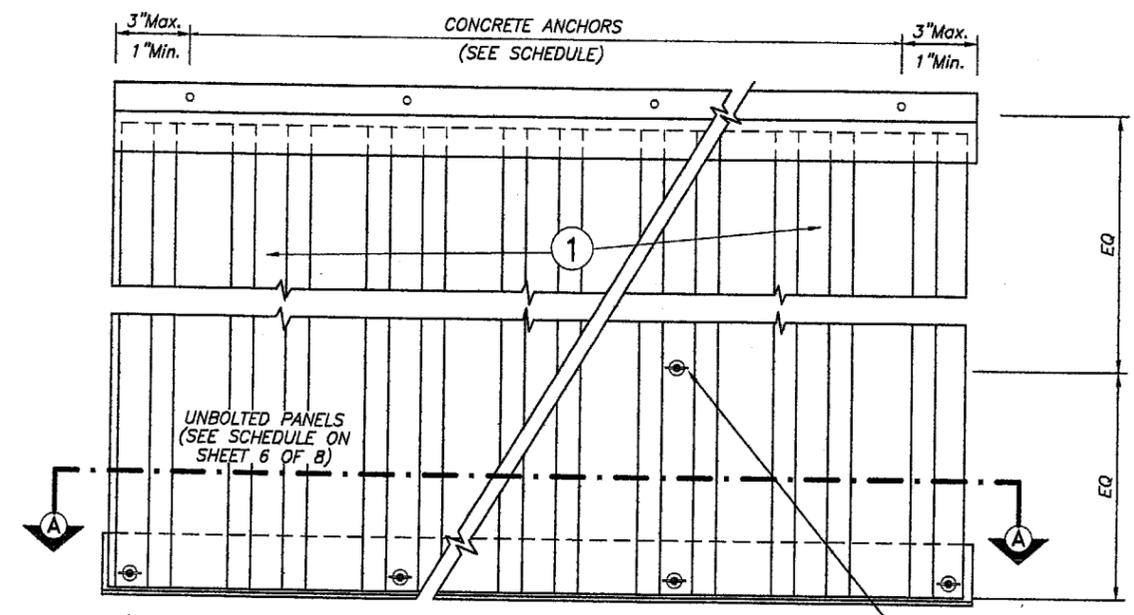
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 06-0221.04  
Expiration Date 12/31/2010  
By *Helmut A. Miller*  
Miami Dade Product Control  
Division

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

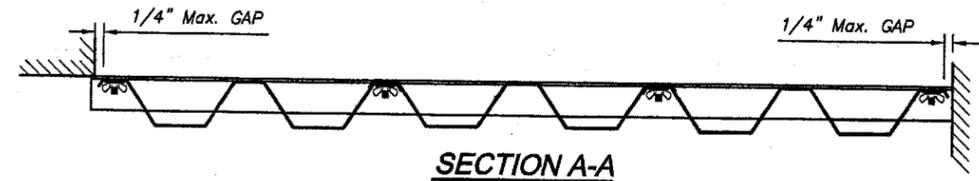
*[Signature]*  
JAN 23 2006

|  |             |  |         |                     |      |
|--|-------------|--|---------|---------------------|------|
| <br><b>TILTECO Inc.</b><br>TILLIT TESTING & ENGINEERING COMPANY<br>6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166<br>Phone: (305)871-1530 . Fax: (305)871-1531<br>EB-0006719 |             | 0.036 THICK GALVANIZED STEEL STORM PANEL   |         | DRAWN BY:<br>M.C.V. |      |
|  |             | <b>READY WINDOW SALES &amp; SERVICES CORP.</b><br>3645 N.W. 50th STREET<br>MIAMI, FLORIDA 33142<br>Phone: (305)268-3980 . Fax: (305)268-5114 |         | 1/10/06<br>DATE     |      |
| WALTER A. TILLIT Jr., P. E.<br>FLORIDA Lic. # 44167  |             | 06-004<br>DRAWING No   |         | SHEET 1 OF 8        |      |
| REV. NO  | DESCRIPTION | DATE   | REV. No | DESCRIPTION         | DATE |
| 1  | OLD 02-359  | 1/10/06  | 3       | -                   | -    |
| 2  | -           | -  | 4       | -                   | -    |

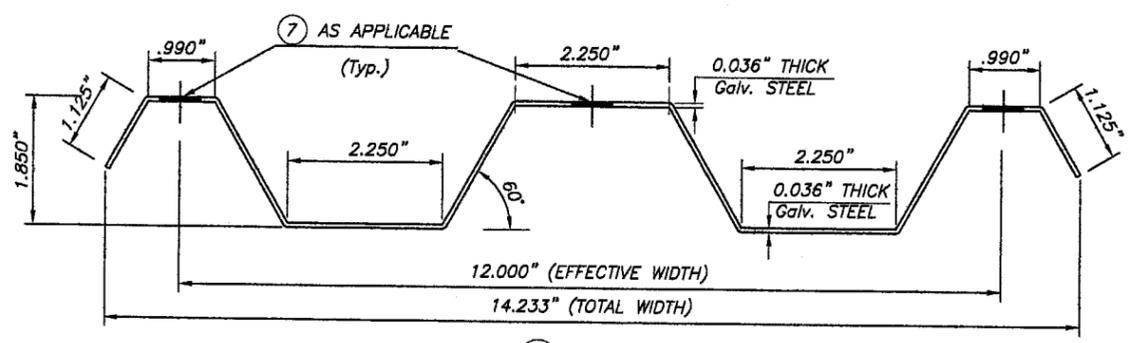


**STORM PANEL ELEVATION**  
SCALE 1 1/2" = 1'-0"

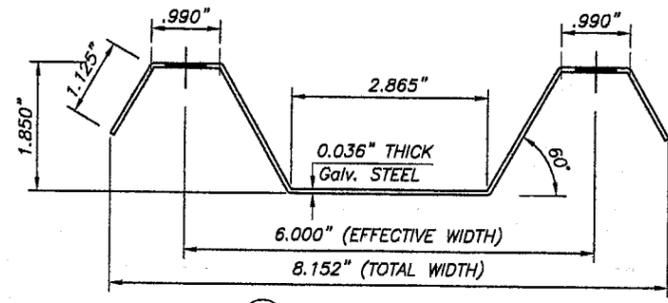
BOLTED PANELS W/  
1/4" #20 x 3/4" M. S. W/  
7/8" x 3/32" WINGNUTS @  
EA. OVERLAP (SEE SCHEDULE  
ON SHEET 6 OF 8)



**SECTION A-A**  
SCALE 1 1/2" = 1'-0"



**1 PANEL**  
SCALE: 3/8" = 1"



**1A HALF PANEL**  
SCALE: 3/8" = 1"

**COMPONENTS**

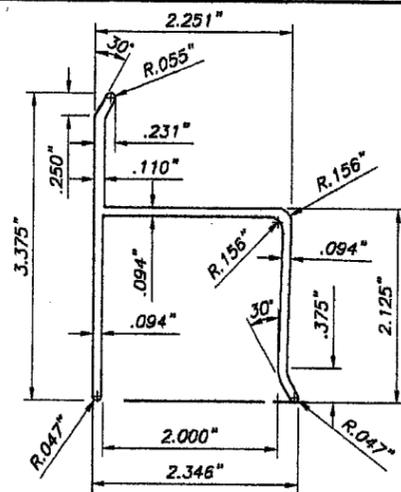
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 06-0221.04  
Expiration Date 12/01/2010  
By *Heather A. Miller*  
Miami Dade Product Control  
Division

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

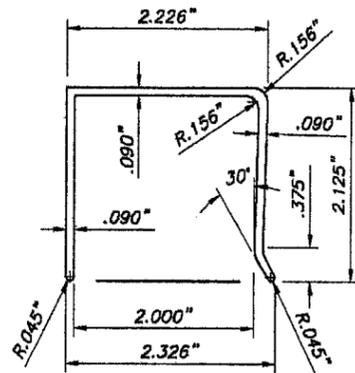
*[Signature]*  
JAN 23 2006

|  |  |  |  |                     |
|--|--|--|--|---------------------|
| <br><b>TILTECO Inc.</b><br>TILLIT TESTING & ENGINEERING COMPANY<br>6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166<br>Phone: (305)871-1530 Fax: (305)871-1531<br>EB-0006719<br>WALTER A. TILLIT Jr., P. E.<br>FLORIDA Lic. # 44167 |  | 0.036 THICK GALVANIZED STEEL STORM PANEL   |  | DRAWN BY:<br>M.C.V. |
|  |  | <b>READY WINDOW SALES &amp; SERVICES CORP.</b><br>3645 N.W. 50th STREET<br>MIAMI, FLORIDA 33142<br>Phone: (305)289-3999 Fax: (305)289-5114 |  | 1/10/06<br>DATE     |
| 06-004<br>DRAWING No   |  | SHEET 1A OF 8  |  |                     |

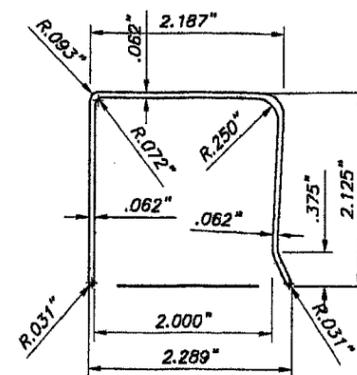
| REV. NO | DESCRIPTION | DATE    | REV. No | DESCRIPTION | DATE |
|---------|-------------|---------|---------|-------------|------|
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| 2       | -           | -       | 4       | -           | -    |



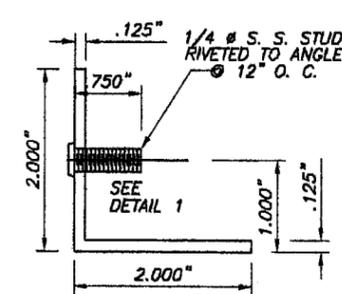
② "h" HEADER  
SCALE: 1/2" = 1"



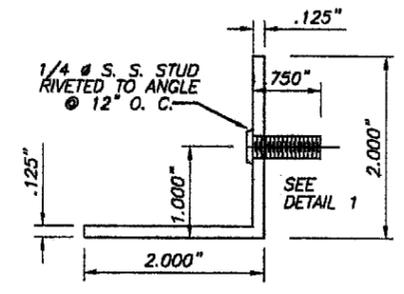
③ "U" HEADER FOR BUILD-OUT  
SCALE: 1/2" = 1"



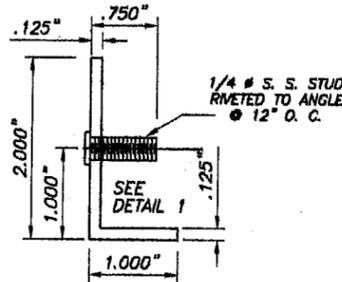
③A "U" HEADER  
SCALE: 1/2" = 1"



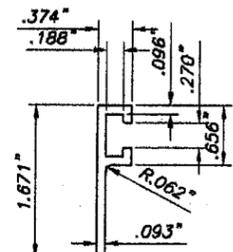
④ 2" x 2" ANGLE WITH STUD  
SCALE: 1/2" = 1"



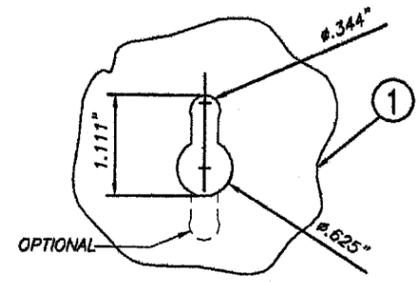
④A REVERSED 2" x 2" ANGLE WITH STUD  
SCALE: 1/2" = 1"



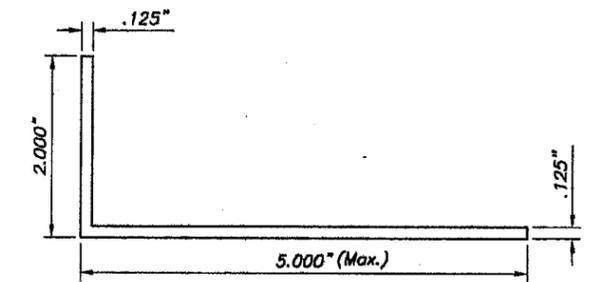
⑤ 1" x 2" ANGLE WITH STUD  
SCALE: 1/2" = 1"



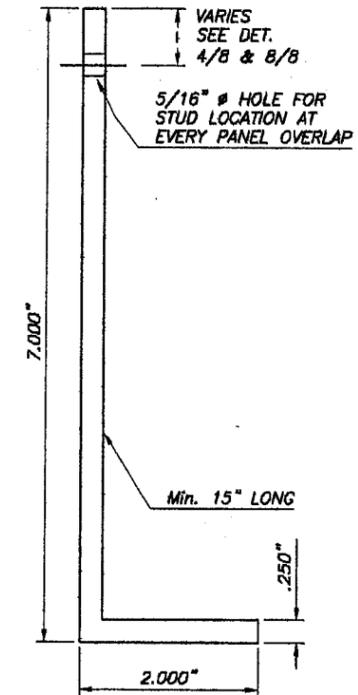
⑥ "F" TRACK  
SCALE: 1/2" = 1"



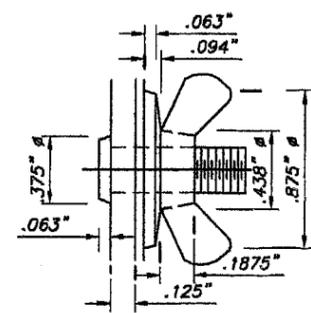
⑦ KEY HOLE AT PANEL  
SCALE: 1/2" = 1"



⑧ 2" x 5" (Max.) x .125" ANGLE  
SCALE: 1/2" = 1"



⑨ 2" x 7" x 1/4" ALUMINUM ANGLE  
SCALE: 1/2" = 1"



DETAIL 1

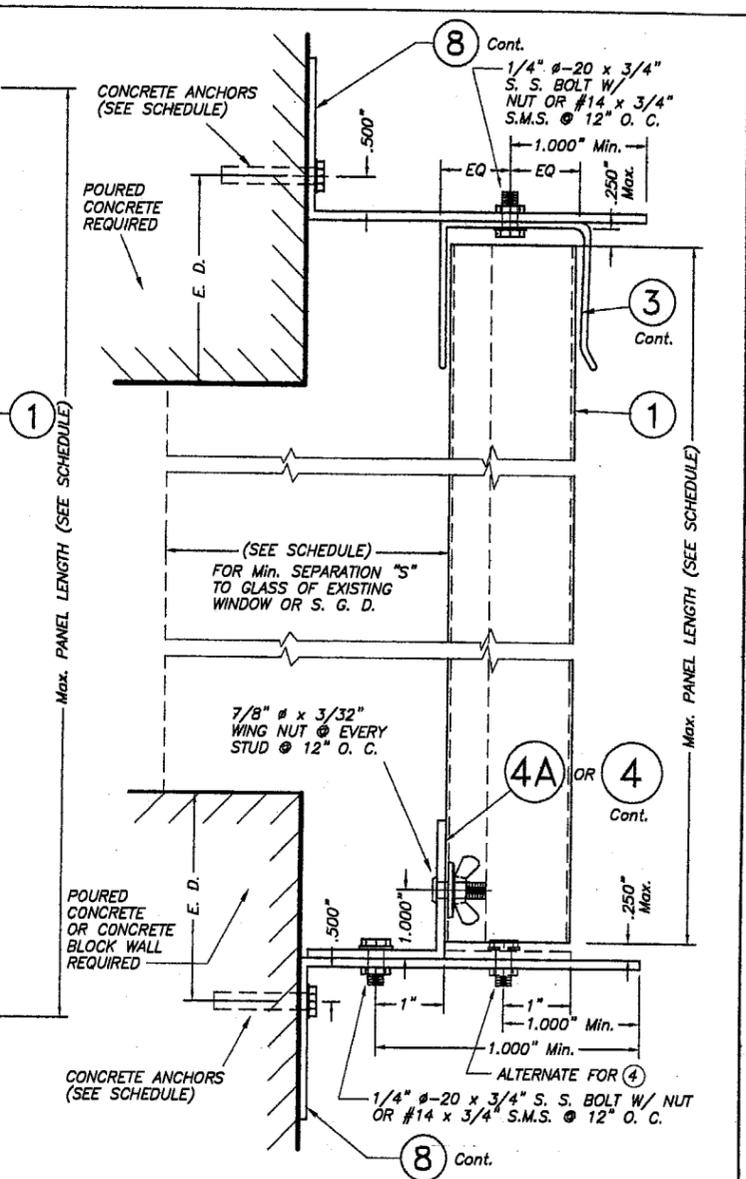
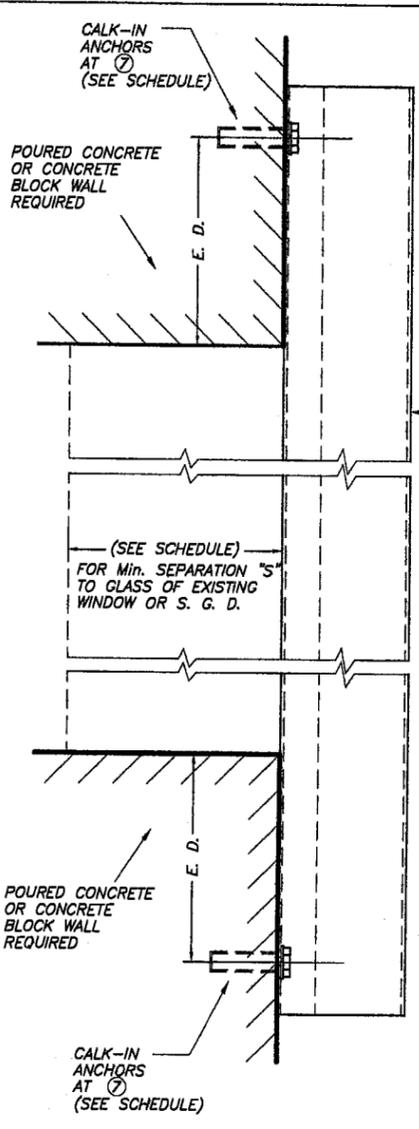
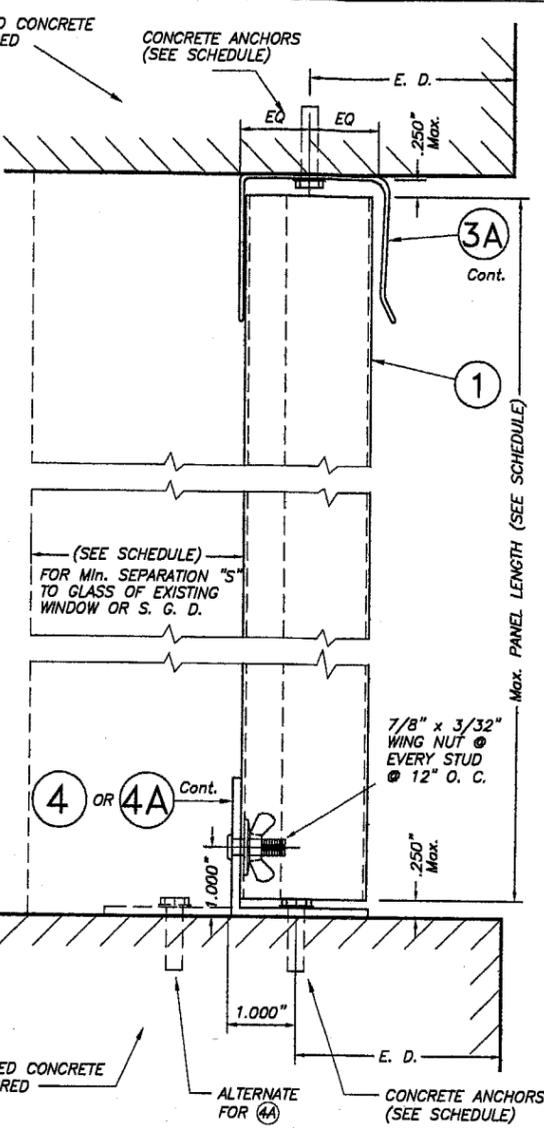
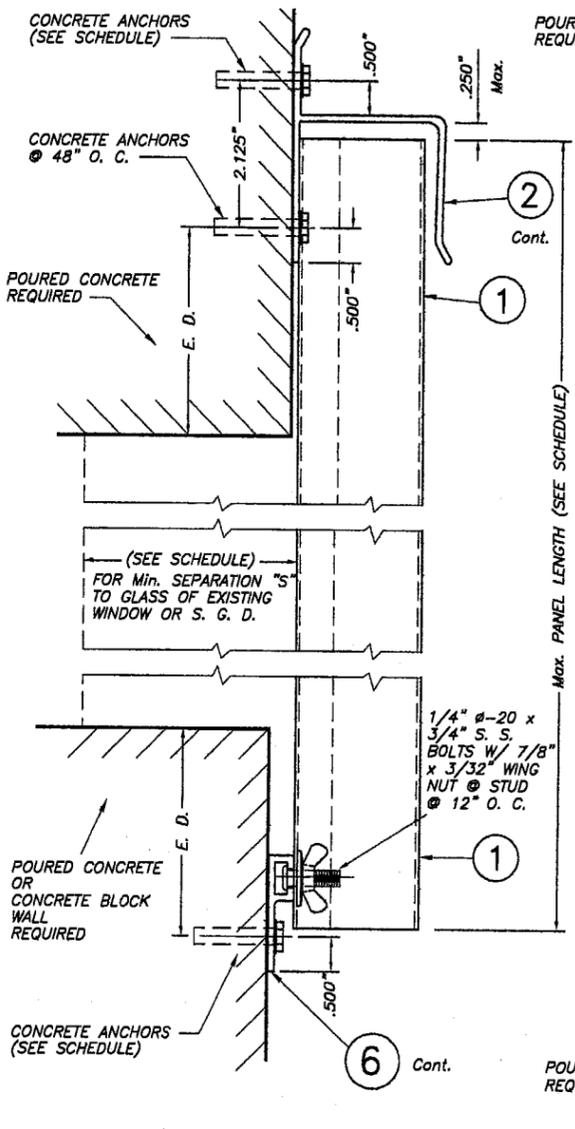
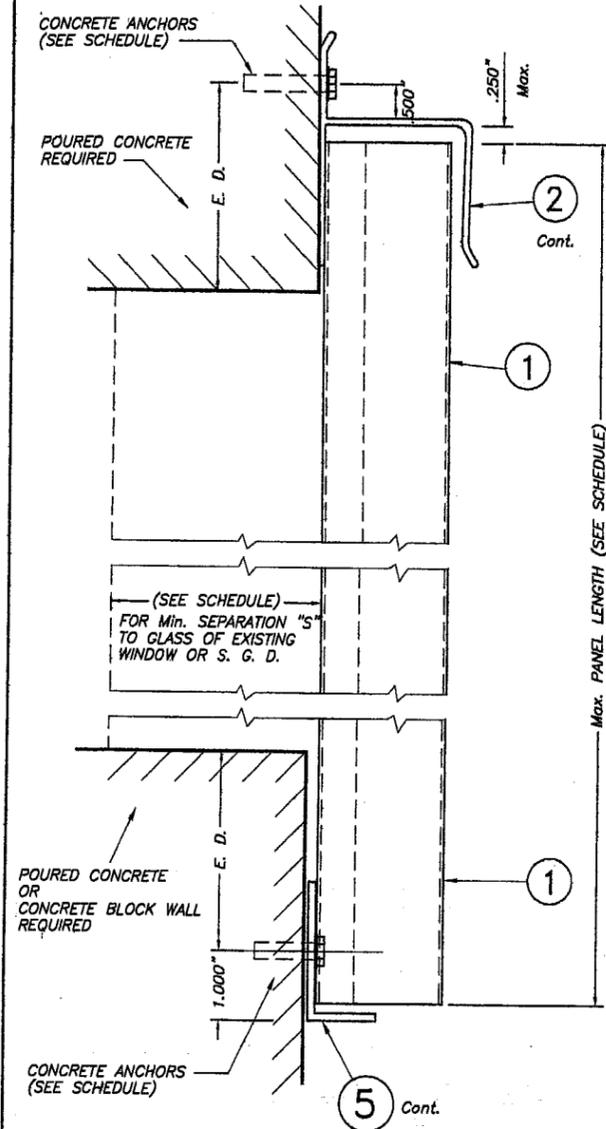
**COMPONENTS**

JAN 23 2006

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 06-0221-04  
Expiration Date 12/01/2010  
By *Helmut A. Miller*  
Miami Dade Product Control  
Division

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

|  |  |  |  |                      |  |
|--|--|--|--|----------------------|--|
| <br><b>TILTECO INC.</b><br>TILLIT TESTING & ENGINEERING COMPANY<br>8355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166<br>Phone: (305)871-1830 • Fax: (305)871-1831<br>EB-0006719<br>WALTER A. TILLIT Jr., P. E.<br>FLORIDA Lic. # 44167 |  | 0.036 THICK GALVANIZED STEEL STORM PANEL   |  | DRAWN BY:<br>M.C.V.  |  |
|  |  | <b>READY WINDOW SALES &amp; SERVICES CORP.</b><br>3645 N.W. 50th STREET<br>MIAMI, FLORIDA 33142<br>Phone: (305)268-3999 • Fax: (305)269-5114 |  | 1/10/06<br>DATE      |  |
| REV. NO<br>1<br>2  |  | DESCRIPTION<br>OLD 02-355<br>  |  | DATE<br>1/10/06<br>  |  |
| REV. No<br>3<br>4  |  | DESCRIPTION<br>  |  | DATE<br>             |  |
|  |  |  |  | 06-004<br>DRAWING No |  |
|  |  |  |  | SHEET 2 OF 8         |  |



**SECTION 2 ANCHORS (BOTTOM)**

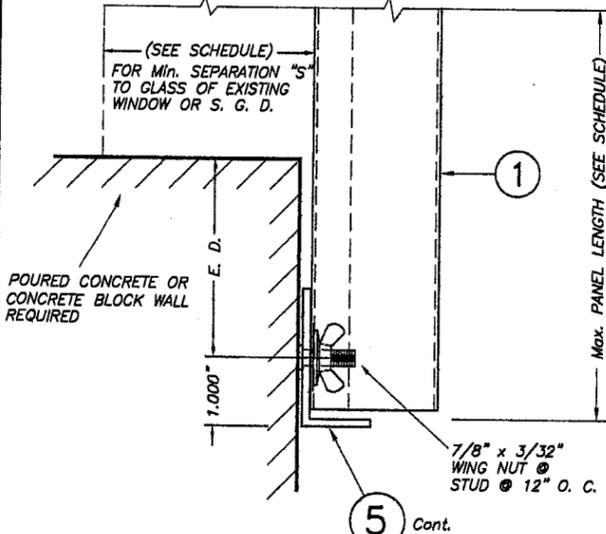
**SECTION 3 WALL MOUNTING INSTALLATION - SECTION 2**

**SECTION 4 CEILING & FLOOR MOUNTING INSTALLATION - SECTION 3**

**SECTION 5 DIRECT WALL MOUNTING INSTALLATION - SECTION 4**

**SECTION 5 BUILD-OUT MOUNTING INSTALLATION - SECTION 5**

**SECTION 1 STUDS (BOTTOM) WALL MOUNTING INSTALLATION - SECTION 1**



**SECTION 1 STUDS (BOTTOM) WALL MOUNTING INSTALLATION - SECTION 1**

E. D. = EDGE DISTANCE (SEE SCHEDULE ON SHEET 6 OF 8)

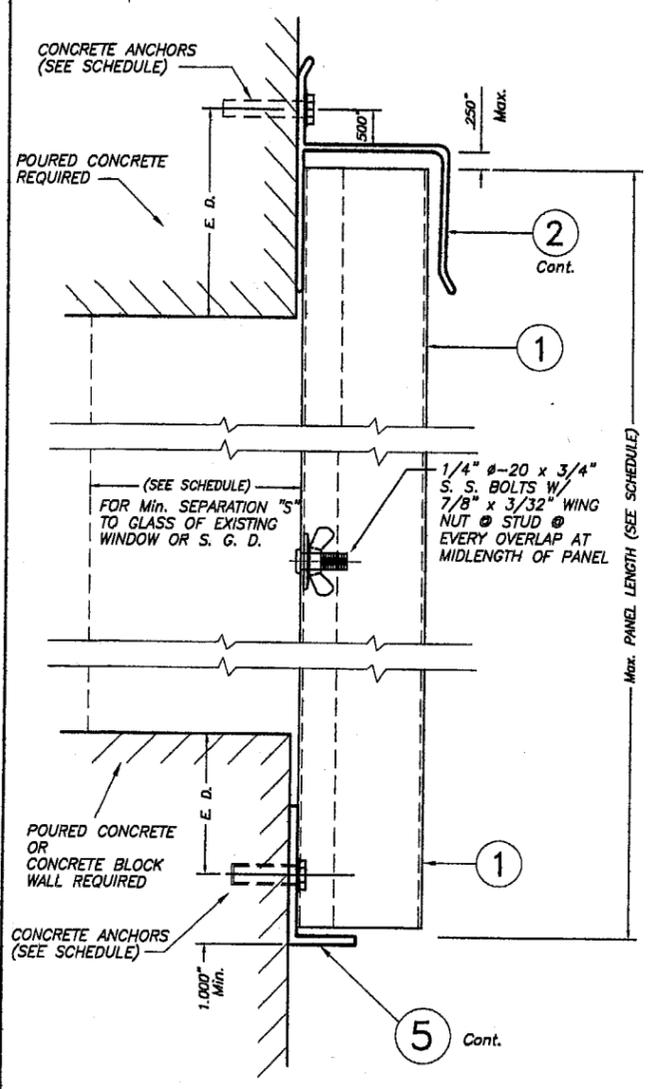
NOTE FOR COMBINATION OF SECTIONS : WALL/FLOOR/CEILING MOUNTING SECTIONS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 06-0221.04 Expiration Date 12/01/2010 By *Helmut A. Meier* Miami Dade Product Control Division

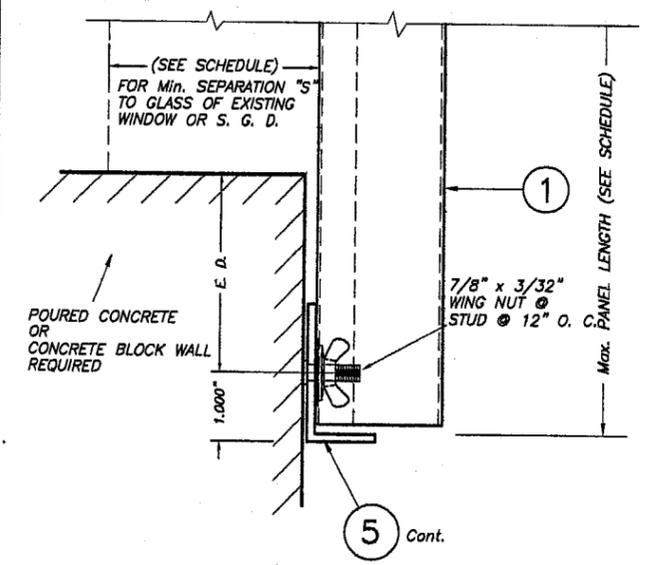
F.B.C. (High Velocity Hurricane Zone)

|   |             |  |         |                  |      |
|---|-------------|--|---------|------------------|------|
| <p><b>TILTECO INC.</b><br/>TILLIT TESTING &amp; ENGINEERING COMPANY<br/>6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33168<br/>Phone : (305)871-1530 . Fax : (305)871-1531<br/>EB-0006719<br/>WALTER A. TILLIT Jr., P. E.<br/>FLORIDA Lic. # 44187</p> |             | 0.036 THICK GALVANIZED STEEL STORM PANEL |         | DRAWN BY: M.C.V. |      |
|   |             | READY WINDOW SALES & SERVICES CORP.      |         | 1/10/06 DATE     |      |
| 3645 N.W. 50th STREET MIAMI, FLORIDA 33142<br>Phone : (305)269-3999 . Fax : (305)269-5114   |             | 06-004 DRAWING No                        |         | SHEET 2A OF 8    |      |
| REV. NO   | DESCRIPTION | DATE                                     | REV. No | DESCRIPTION      | DATE |
| 1   | OLD 02-355  | 1/10/06                                  | 3       | -                | -    |
| 2   | -           | -  | 4       | -                | -    |

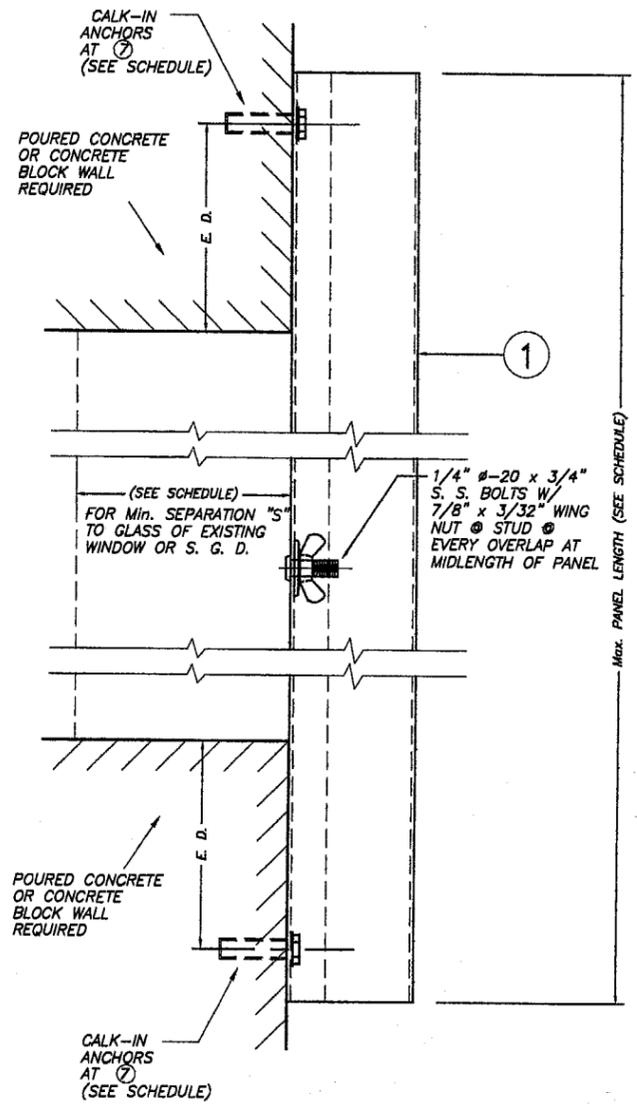
JAN 2 3 2006



**WALL MOUNTING INSTALLATION**



**SECTION @ STUDS (BOTTOM)**  
**WALL MOUNTING INSTALLATION**  
**- SECTION 6** SCALE: 3/8" = 1"

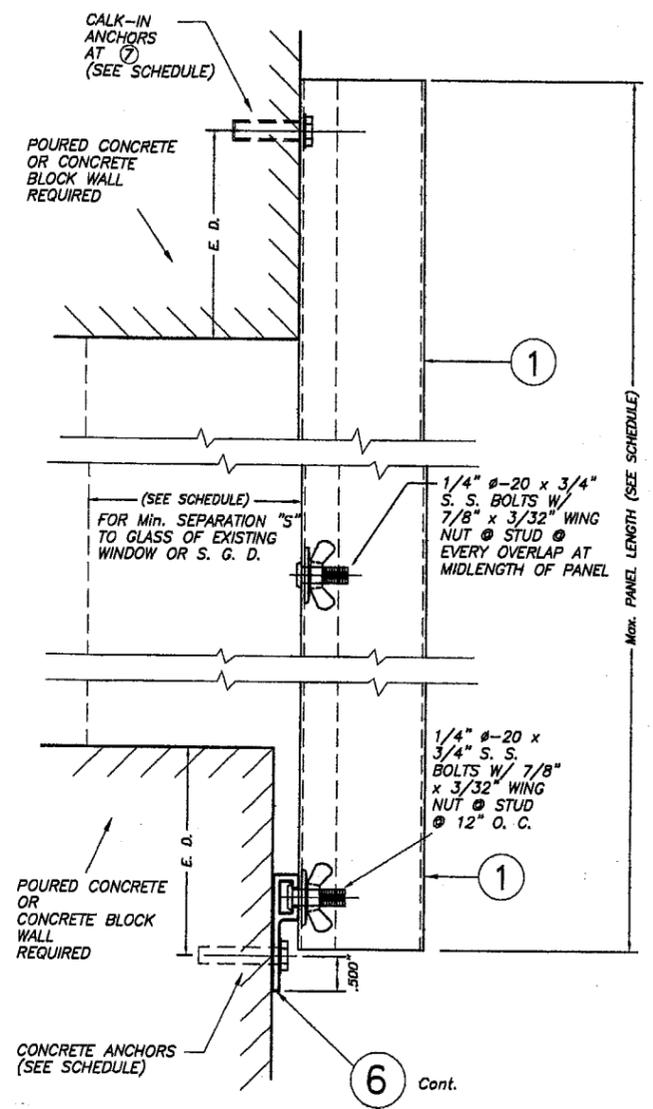


**DIRECT WALL MOUNTING INSTALLATION**

**- SECTION 7** SCALE: 3/8" = 1"

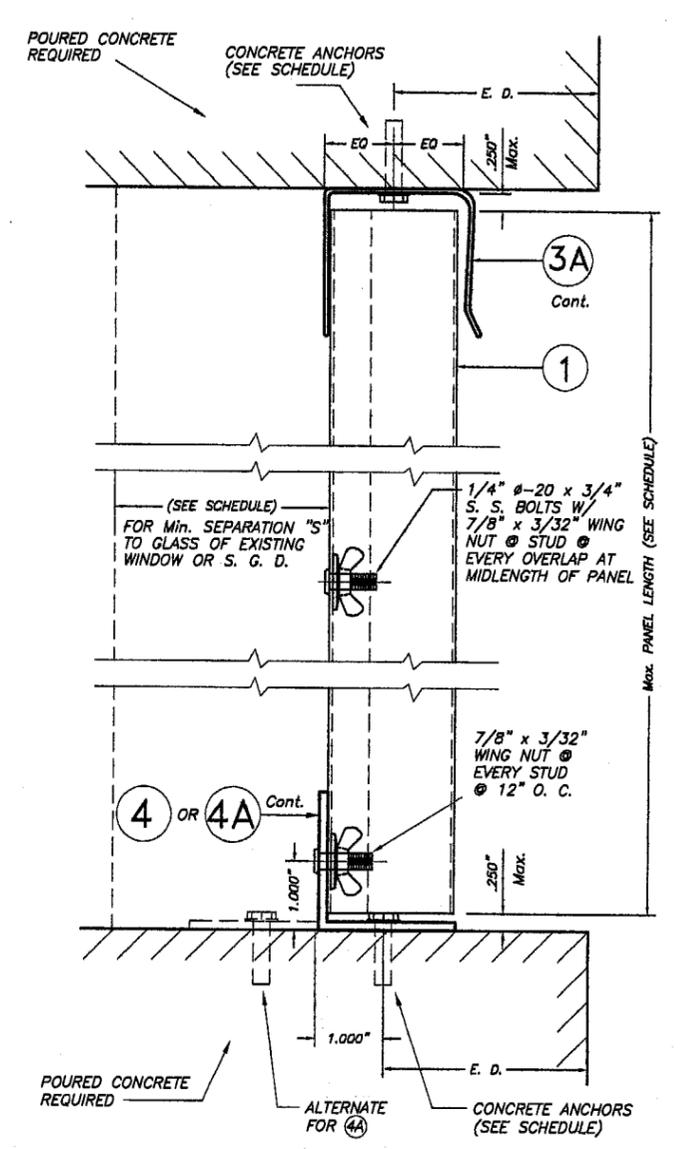
E. D. = EDGE DISTANCE  
(SEE SCHEDULE ON SHEET 6 OF 8)

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



**WALL MOUNTING INSTALLATION**

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



**CEILING & FLOOR MOUNTING INSTALLATION**

**- SECTION 9** SCALE: 3/8" = 1"

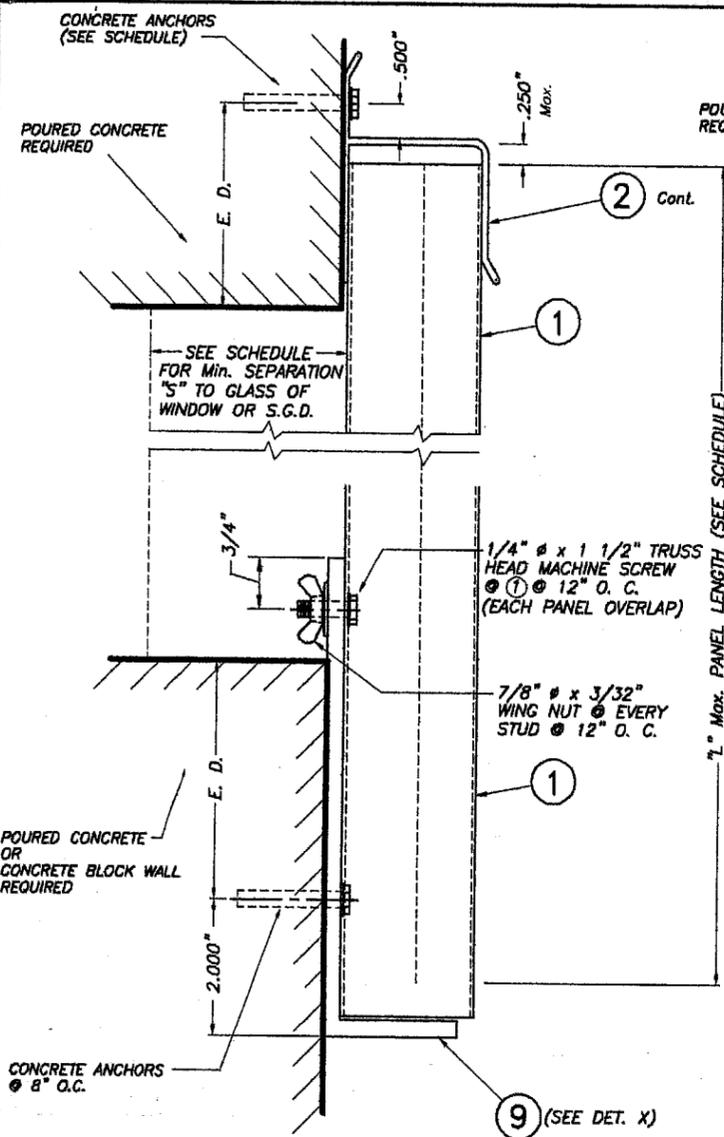
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 06-0221.04  
Expiration Date 12/31/2010  
By *Helmut A. Schuber*  
Miami Dade Product Control  
Division

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

JAN 23 2006

**TILECO inc.**  
TILLIT TESTING & ENGINEERING COMPANY  
6335 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33168  
Phone : (305)871-1530 . Fax : (305)871-1531  
EB-0006719  
WALTER A. TILLIT Jr., P. E.  
FLORIDA Lic. # 44167

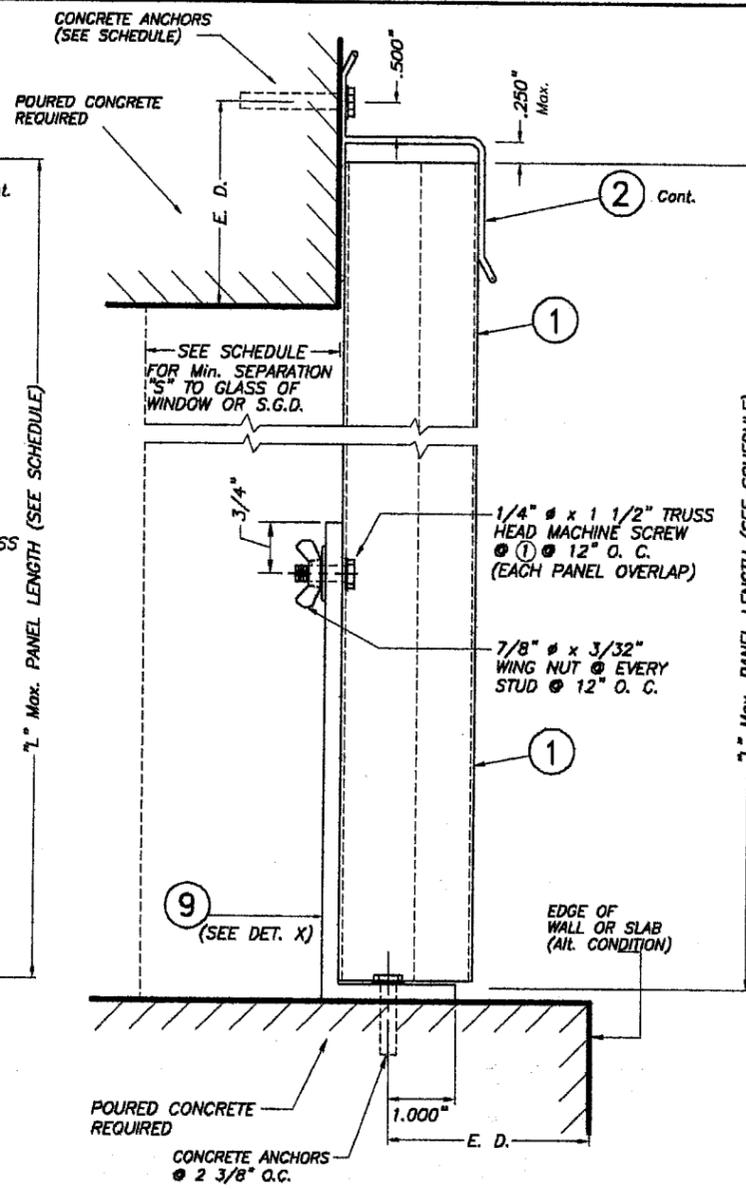
|  |             |         |                      |             |      |
|--|-------------|---------|----------------------|-------------|------|
| 0.036 THICK GALVANIZED STEEL STORM PANEL   |             |         | DRAWN BY:<br>M.C.V.  |             |      |
| READY WINDOW SALES & SERVICES CORP.  |             |         | 1/10/06<br>DATE      |             |      |
| 3645 N.W. 50th STREET<br>MIAMI, FLORIDA 33142<br>Phone : (305)269-3999 . Fax : (305)269-5114 |             |         | 06-004<br>DRAWING No |             |      |
| REV. NO  | DESCRIPTION | DATE    | REV. No              | DESCRIPTION | DATE |
| 1  | OLD 02-355  | 1/10/06 | 3                    | -           | -    |
| 2  | -           | -       | 4                    | -           | -    |



**WALL MOUNTING INSTALLATION**

**- SECTION 10**

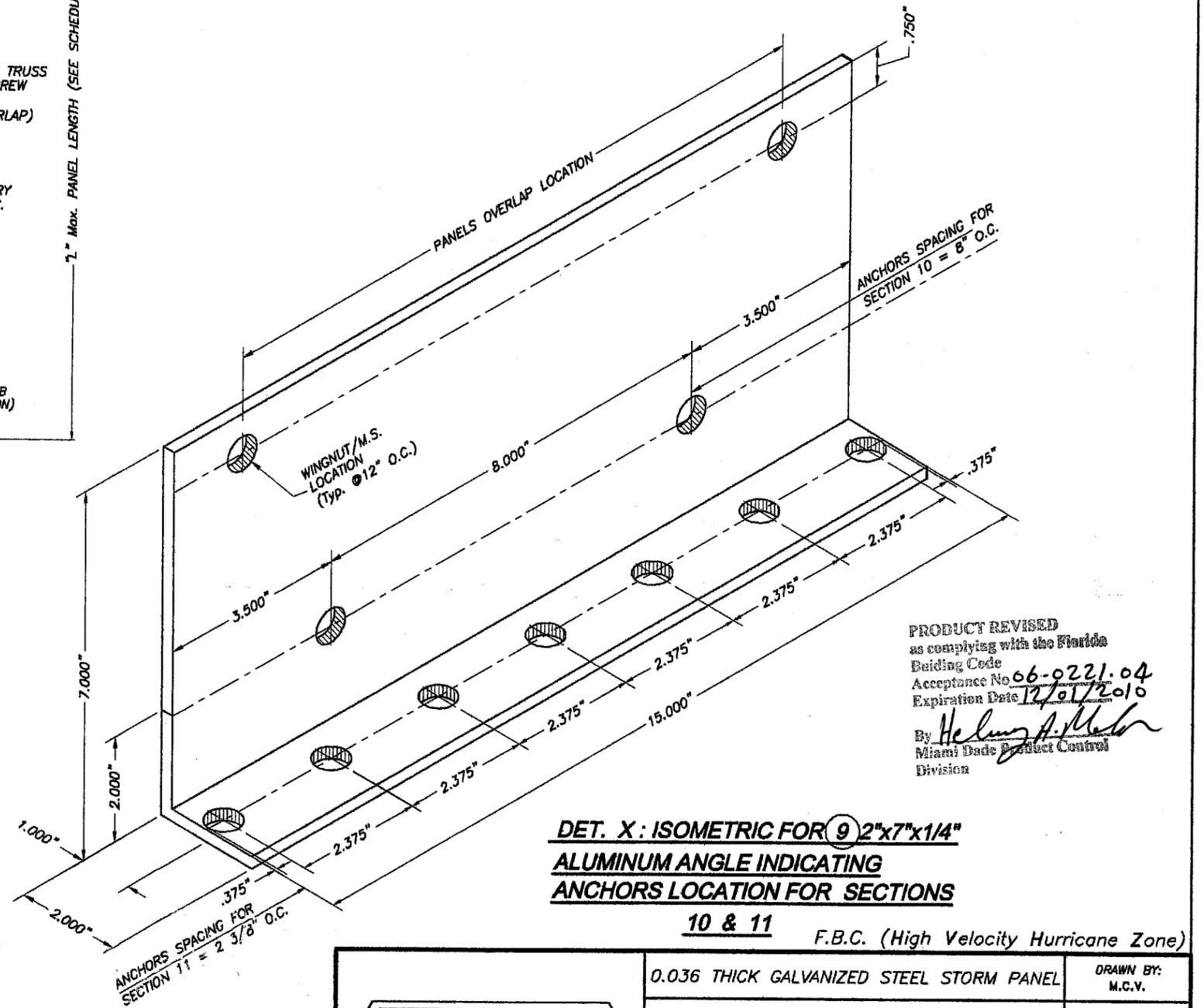
SCALE: 3/8" = 1"



**WALL AND FLOOR MOUNTING INSTALLATION**

**- SECTION 11**

SCALE: 3/8" = 1"



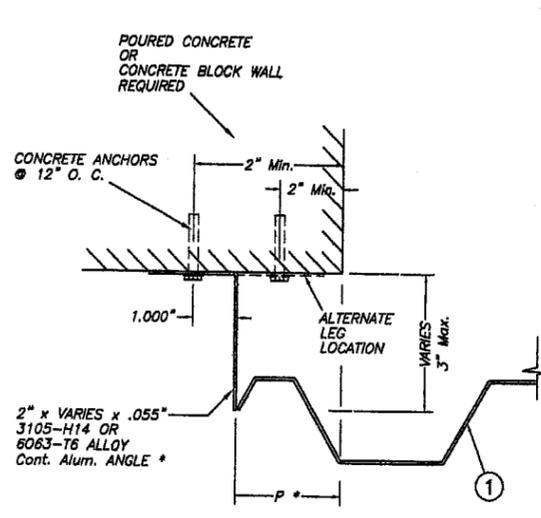
**DET. X: ISOMETRIC FOR 9 2"x7"x1/4" ALUMINUM ANGLE INDICATING ANCHORS LOCATION FOR SECTIONS 10 & 11**

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

PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No. 06-9221-04  
 Expiration Date 12/31/2010  
 By *Helmut A. Mader*  
 Miami Dade Product Control Division

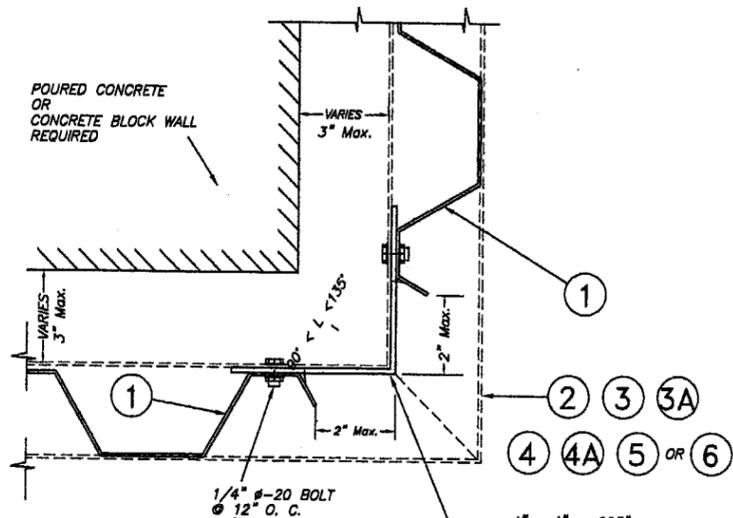
JAN 23 2006

|   |  |  |  |                      |  |
|---|--|--|--|----------------------|--|
| <p><b>TILTECO Inc.</b><br/>         TILLIT TESTING &amp; ENGINEERING COMPANY<br/>         6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166<br/>         Phone: (305)871-1530 Fax: (305)871-1531<br/>         EB-0006719<br/>         WALTER A. TILLIT Jr., P. E.<br/>         FLORIDA Lic. # 44167</p> |  | 0.036 THICK GALVANIZED STEEL STORM PANEL   |  | DRAWN BY: M.C.V.     |  |
|   |  | <b>READY WINDOW SALES &amp; SERVICES CORP.</b><br>3645 N.W. 50th STREET<br>MIAMI, FLORIDA 33142<br>Phone: (305)269-3888 Fax: (305)269-3114 |  | 1/10/06<br>DATE      |  |
| REV. NO. 1<br>DESCRIPTION OLD 02-355<br>DATE 1/10/06  |  | REV. NO. 3<br>DESCRIPTION -<br>DATE -  |  | 06-004<br>DRAWING No |  |
| REV. NO. 2<br>DESCRIPTION -<br>DATE -   |  | REV. NO. 4<br>DESCRIPTION -<br>DATE -  |  | SHEET 4 OF 8         |  |



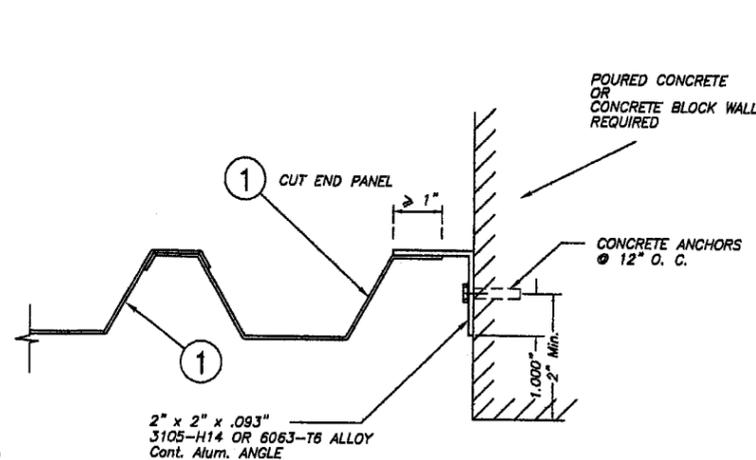
**CASE A (Plan)**

SCALE: 1/4" = 1"



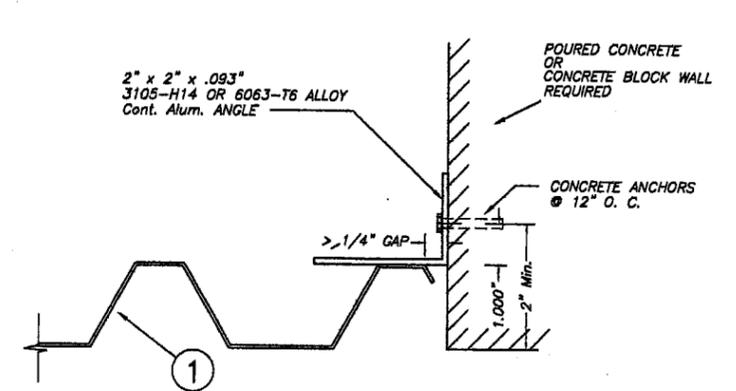
**CASE B (Plan)**

SCALE: 1/4" = 1"



**CASE C (Plan)**

SCALE: 1/4" = 1"



**CASE D (Plan)**

SCALE: 1/4" = 1"

\* ANGLE MAY BE NEGLECTED IF MAXIMUM BUILD-OUT IS 2" & PANEL PROJECTION "P" (PASSED OPENING) IS 3"

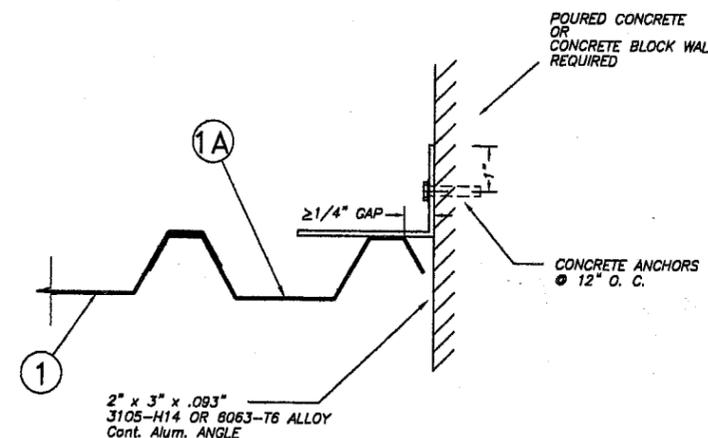
**END CLOSURES DETAILS**

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

| MAXIMUM DESIGN PRESSURE RATING W (p.s.f.) | Max. PANEL LENGTH L (ft.) (SEE SECTIONS) | MINIMUM SEPARATION TO GLASS | APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM | PANEL REINFORCEMENT |
|---|--|-----------------------------|--|---------------------|
| +62.0, -75.0                              | 8'-0" OR LESS                            | 2 3/4"                      | 1  | N/A                 |
| +62.0, -66.0                              | 8'-0" OR LESS                            | 2 7/8"                      | 2 & 3  | N/A                 |
| +62.0, -66.0                              | 5'-0" OR LESS                            | 2 1/16"                     | 4  | N/A                 |
| +62.0, -66.0                              | >5'-0" TO 8'-11 1/2"                     | 2 5/8"                      | 4  | N/A                 |
| +62.0, -66.0                              | 7'-11 1/4" OR LESS                       | 2 7/8"                      | 5  | N/A                 |
| +62.0, -66.0                              | 8'-0" TO 11'-0"                          | 2 5/8"                      | 6  | * BOLT              |
| +62.0, -66.0                              | >8'-11 1/2" TO 11'-0"                    | 3"                          | 7  | * BOLT              |
| +62.0, -66.0                              | >8'-0" TO 11'-0"                         | 3"                          | 8  | * BOLT              |
| +62.0, -66.0                              | >8'-0" TO 11'-0"                         | 5 3/8"                      | 9  | * BOLT              |
| +62.0, -75.0                              | 8'-0" OR LESS                            | 2 3/8"                      | 10   | N/A                 |
| +62.0, -75.0                              | 8'-0" OR LESS                            | 2 7/8"                      | 11   | N/A                 |

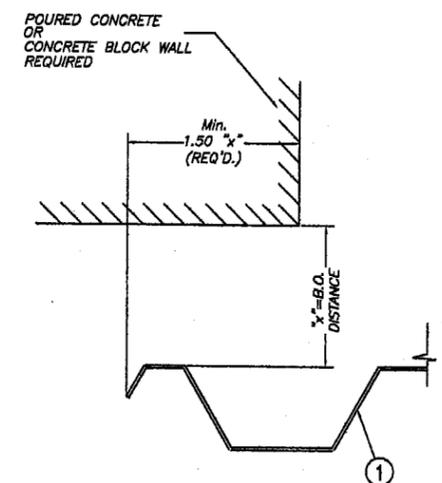
N/A = NOT APPLICABLE

\* 1/4"  $\phi$ -20 x 3/4" S. S. BOLTS W/ 7/8" x 3/32" WING NUT @ STUD @ EVERY OVERLAP AT MIDLENGTH OF PANEL



**CASE E (Plan)**

SCALE: 1/4" = 1"



**CASE F (Plan)**

SCALE: 1/4" = 1"

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 06-0221-04 Expiration Date 12/01/2010 By Helmut A. Miller Miami Dade Product Control Division

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

JAN 23 2006

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

0.036 THICK GALVANIZED STEEL STORM PANEL

**READY WINDOW SALES & SERVICES CORP.**  
3645 N.W. 50th STREET  
MIAMI, FLORIDA 33142  
Phone: (305)269-3999, Fax: (305)269-5114

| REV. NO | DESCRIPTION | DATE    | REV. No | DESCRIPTION | DATE |
|---------|-------------|---------|---------|-------------|------|
| 1       | OLD 02-355  | 1/10/06 | 3       | -           | -    |
| 2       | -           | -       | 4       | -           | -    |

DRAWN BY: M.C.V.  
DATE: 1/10/06  
DRAWING No: 06-004  
SHEET 5 OF 8

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

E. D. = EDGE DISTANCE

| MAXIMUM DESIGN LOAD W (p.s.f.) | MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2" ** |            |             |            | APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM | MAXIMUM PANEL LENGTH "L" (ft.) |
|--------------------------------|---|------------|-------------|------------|--|--------------------------------|
|                                | TAPCONS                                       |            | CALK-IN     |            |  |                                |
|                                | TO CONCRETE                                   | TO MASONRY | TO CONCRETE | TO MASONRY |  |                                |
| +62.0, -66.0                   | 12"   | N/A        | 12"         | N/A        | 1 (TOP)  | 6'-3" OR LESS                  |
|                                | 12"   | 12"        | 12"         | 12"        | 1 (BOTTOM)   |                                |
|                                | 12"   | N/A        | 12"         | N/A        | 2 (TOP)  |                                |
|                                | 12"   | 12"        | 12"         | 12"        | 2 (BOTTOM)   |                                |
|                                | 12"   | N/A        | 12"         | N/A        | 3 (TOP)  |                                |
|                                | 12"   | N/A        | 11 1/2"     | N/A        | 3 (BOTTOM)   |                                |
|                                | N/A   | N/A        | 12"         | 12"        | 4 (TOP/BOTTOM)                                     |                                |
|                                | 12"   | N/A        | 12"         | N/A        | 5 (TOP)  |                                |
|                                | 12"   | 12"        | 12"         | 11 1/2"    | 5 (BOTTOM)   |                                |
| +62.0, -66.0                   | 12"   | N/A        | 12"         | N/A        | 1 (TOP)  | >6'-3" TO 8'-0"                |
|                                | 12"   | 9"         | 12"         | 10"        | 1 (BOTTOM)   |                                |
|                                | 12"   | N/A        | 12"         | N/A        | 2 (TOP)  |                                |
|                                | 12"   | 9"         | 12"         | 10"        | 2 (BOTTOM)   |                                |
|                                | 12"   | N/A        | 10"         | N/A        | 3 (TOP)  |                                |
|                                | 10 1/2"                                       | N/A        | 9"          | N/A        | 3 (BOTTOM)   |                                |
|                                | N/A   | N/A        | 12"         | 12"        | 4 (TOP/BOTTOM)                                     |                                |
|                                | 12"   | N/A        | 12"         | N/A        | 5 (TOP)  |                                |
| 12"                            | 9"  | 12"        | 10"         | 5 (BOTTOM) |  |                                |
| +62.0, -66.0                   | N/A   | N/A        | 12"         | 6"         | 4 (TOP/BOTTOM)                                     | >8'-0" TO 8'-11 1/2"           |

| MAXIMUM DESIGN LOAD W (p.s.f.) | MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2" ** |            |             |            | APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM | MAXIMUM PANEL LENGTH "L" (ft.) |
|--------------------------------|---|------------|-------------|------------|--|--------------------------------|
|                                | TAPCONS                                       |            | CALK-IN     |            |  |                                |
|                                | TO CONCRETE                                   | TO MASONRY | TO CONCRETE | TO MASONRY |  |                                |
| +62.0, -66.0                   | 7 1/2"  | N/A        | 7 1/2"      | N/A        | 6 (TOP)  | >8'-0" TO 11'-0"               |
|                                | 12"   | 6 1/2"     | 12"         | 9 1/2"     | 6 (BOTTOM)   |                                |
|                                | N/A   | N/A        | 12"         | 6"         | 7 (TOP/BOTTOM)                                     |                                |
|                                | N/A   | N/A        | 12"         | 6"         | 8 (TOP)  |                                |
|                                | 8"  | 6 1/2"     | 8"          | 8"         | 8 (BOTTOM)   |                                |
|                                | 9"  | N/A        | 7"          | N/A        | 9 (TOP)  |                                |
|                                | 7 1/2"  | N/A        | 6 1/2"      | N/A        | 9 (BOTTOM)   |                                |
|                                | +62.0, -75.0                                  | 8"         | N/A         | 8"         | N/A  |                                |
| 8"                             |   | 8"         | 8"          | 8"         | 1 (BOTTOM)   |                                |
| 8"                             |   | N/A        | 8"          | N/A        | 10 (TOP)   |                                |
| 8"                             |   | 8"         | 8"          | 8"         | 10 (BOTTOM)  |                                |
| 8"                             |   | N/A        | 8"          | N/A        | 11 (TOP)   |                                |
| 2 3/8"                         |   | N/A        | 2 3/8"      | N/A        | 11 (BOTTOM)  |                                |

\* SEE SHEET 7 & 8 OF 8 FOR ANCHORS TYPE & SPACING FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS.  
 \*\* MAXIMUM ANCHOR SPACINGS ARE VALID FOR 3 1/2" EDGE DISTANCE. FOR E. D. LESS THAN 3 1/2", REDUCE ANCHOR SPACING BY MULTIPLYING SPACINGS SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS.

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

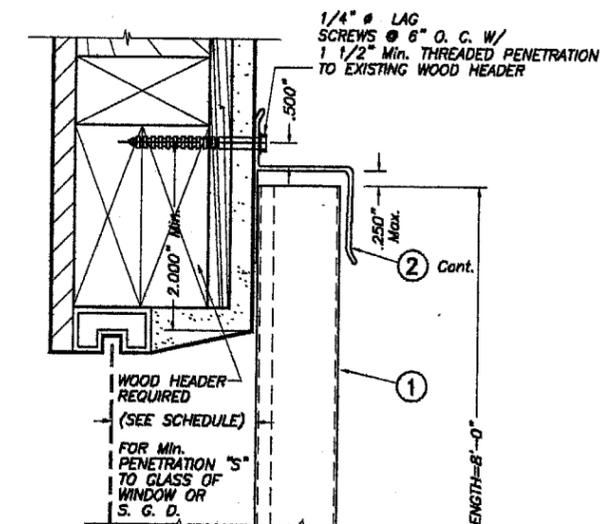
PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No 06-0221.04  
 Expiration Date 12/01/2010  
 By Heber A. Miller  
 Miami Dade Product Control Division

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

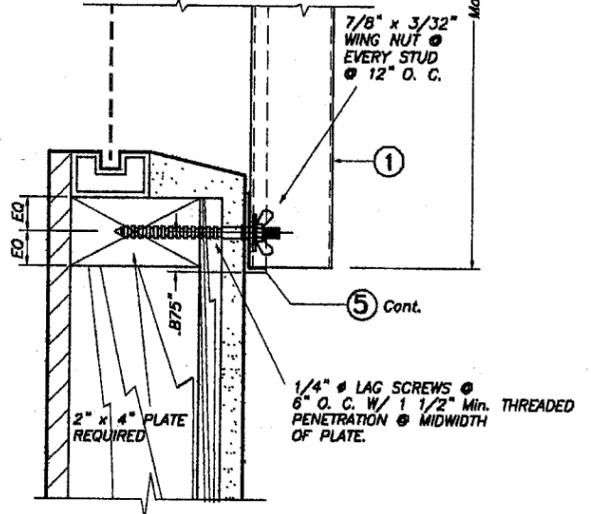
JAN 23 2006

| <br>TILTECO Inc.<br>TILLIT TESTING & ENGINEERING COMPANY<br>6355 N.W. 38th St., Ste. 303, VIRGINIA GARDENS, FLORIDA 33166<br>Phone: (305)871-1830 Fax: (305)871-1831<br>EB-0006719<br>WALTER A. TILLIT Jr., P. E.<br>FLORIDA Lic. # 44167                            | 0.036 THICK GALVANIZED STEEL STORM PANEL  | DRAWN BY:<br>M.C.V. |                      |             |             |      |   |            |         |   |   |   |   |   |   |   |   |   |  |              |
|---|---|---------------------|----------------------|-------------|-------------|------|---|------------|---------|---|---|---|---|---|---|---|---|---|--|--------------|
|   | READY WINDOW SALES & SERVICES CORP.<br>3645 N.W. 50th STREET<br>MIAMI, FLORIDA 33142<br>Phone: (305)299-3998 Fax: (305)299-5114 | 1/10/06<br>DATE     | 06-004<br>DRAWING No |             |             |      |   |            |         |   |   |   |   |   |   |   |   |   |  |              |
| <table border="1"> <thead> <tr> <th>REV. NO</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV. NO</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>OLD 02-359</td> <td>1/10/06</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 02-359 | 1/10/06 | 3 | - | - | 2 | - | - | 4 | - | - |  | SHEET 6 OF 8 |
| REV. NO   | DESCRIPTION   | DATE                | REV. NO              | DESCRIPTION | DATE        |      |   |            |         |   |   |   |   |   |   |   |   |   |  |              |
| 1   | OLD 02-359  | 1/10/06             | 3                    | -           | -           |      |   |            |         |   |   |   |   |   |   |   |   |   |  |              |
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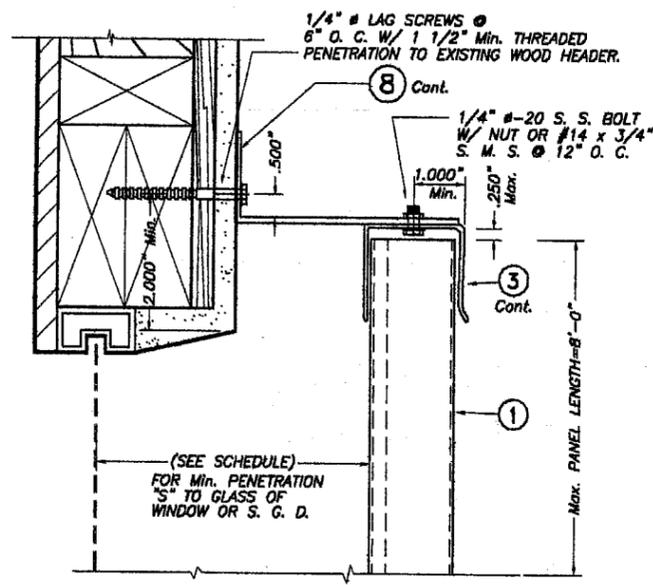
# INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS



**ALTERNATIVE 1**  
(Max. design load= +62, -75 p.s.f.)



**ALTERNATIVE 2**  
(Max. design load= +62, -75 p.s.f.)



**ALTERNATIVE 4**  
(Max. design load= +62, -66 p.s.f.)

## WALL MOUNTING INSTALLATION - SECTIONS A

SCALE: 1/4" = 1"

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 06-0221.04  
Expiration Date 12/01/2010  
By *Helmy Adler*  
Miami Dade Product Control  
Division

**NOTES:**

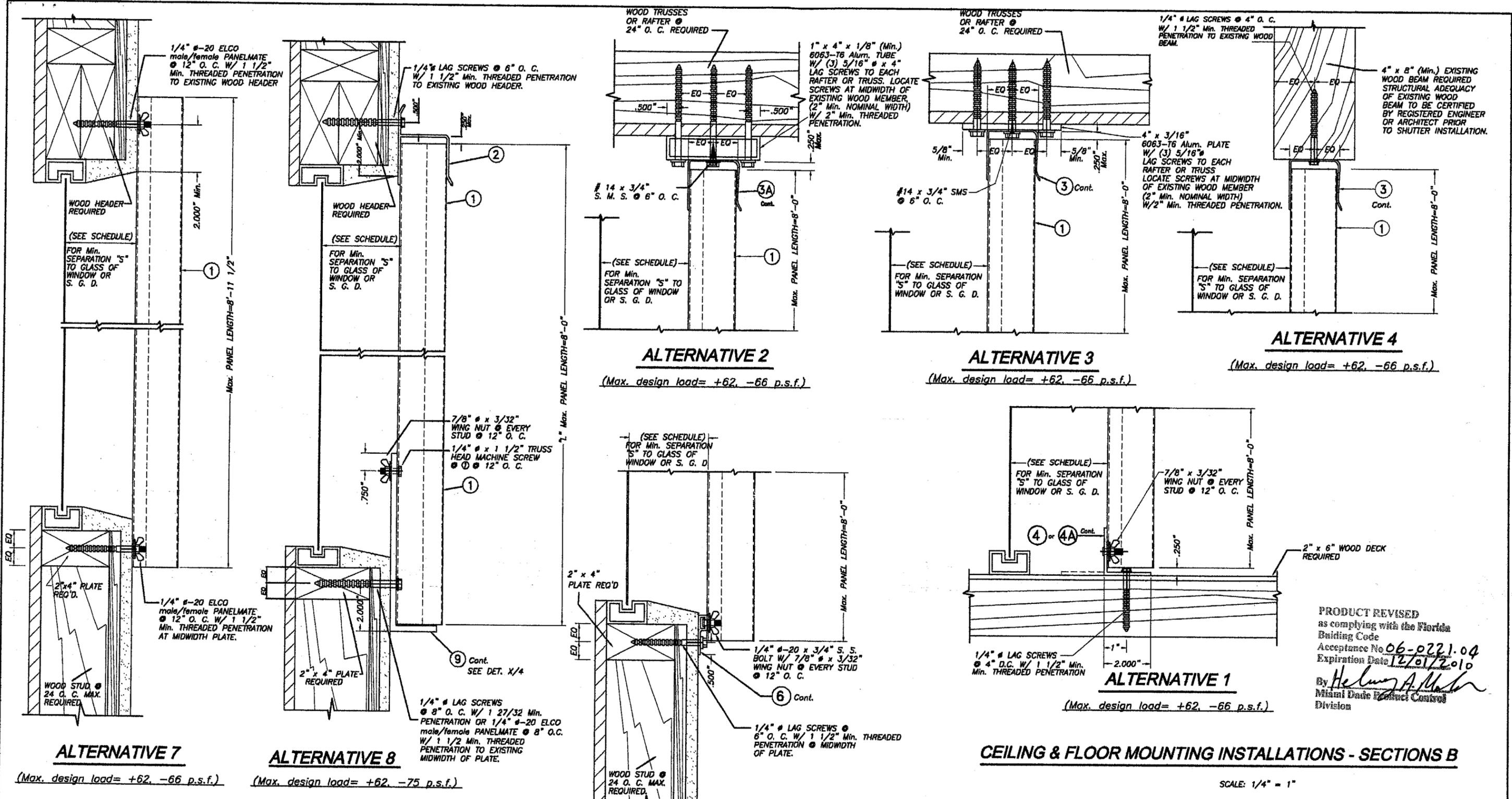
- INSTALLATIONS ARE ONLY VALID FOR BUILDINGS WITH DESIGN LOADS AND PANEL'S LENGTH AS INDICATED FOR EACH ALTERNATIVE.
- FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No. 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL

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

*[Signature]*  
JAN 23 2006

|   |             |  |         |                      |              |
|---|-------------|--|---------|----------------------|--------------|
| <b>TILTECO INC.</b>   |             | 0.036 THICK GALVANIZED STEEL STORM PANEL   |         | DRAWN BY:<br>M.C.V.  |              |
| TILLIT TESTING & ENGINEERING COMPANY<br>6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166<br>Phone : (305)871-1830 . Fax : (305)871-1531<br>EB-0006719 |             | <b>READY WINDOW SALES &amp; SERVICES CORP.</b>   |         | 1/10/06<br>DATE      |              |
| WALTER A. TILLIT Jr., P. E.<br>FLORIDA Lic. # 44167   |             | 3645 N.W. 50th STREET<br>MIAMI, FLORIDA 33142<br>Phone : (305)269-3998 . Fax : (305)268-3114 |         | 06-004<br>DRAWING No |              |
| REV. NO   | DESCRIPTION | DATE   | REV. No | DESCRIPTION          | DATE         |
| 1   | OLD 02-358  | 1/10/06  | 3       | -                    | -            |
| 2   | -           | -  | 4       | -                    | -            |
|   |             |  |         |                      | SHEET 7 OF 8 |

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



**WALL MOUNTING INSTALLATIONS - SECTIONS A**

SCALE: 1/4" = 1"

**INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS**

SCALE: 1/4" = 1"

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

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

- NOTES:**
- INSTALLATIONS ARE ONLY VALID FOR BUILDINGS WITH DESIGN LOADS AND PANEL'S LENGTH AS INDICATED FOR EACH ALTERNATIVE.
  - FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No. 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

|  |  |  |  |                      |  |
|--|--|--|--|----------------------|--|
| <p><b>TILECO INC.</b><br/>         TILLIT TESTING &amp; ENGINEERING COMPANY<br/>         4325 N.W. 39th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33146<br/>         Phone : (305)871-1530 . Fax : (305)871-1531<br/>         EB-0006719<br/>         WALTER A. TILLIT Jr., P. E.<br/>         FLORIDA Lic. # 44167</p> |  | 0.036 THICK GALVANIZED STEEL STORM PANEL   |  | DRAWN BY:<br>M.C.V.  |  |
|  |  | <b>READY WINDOW SALES &amp; SERVICES CORP.</b><br>3645 N.W. 50th STREET<br>MIAMI, FLORIDA 33142<br>Phone : (305)269-3999 . Fax : (305)269-3114 |  | 1/10/06<br>DATE      |  |
| REV. NO.    DESCRIPTION    DATE    REV. No    DESCRIPTION    DATE  |  | 1    OLD 02-353    1/10/06    3    -    -  |  | 06-004<br>DRAWING No |  |
| 2    -    -    4    -    -   |  | SHEET 8 OF 8   |  |                      |  |

JAN 23 2006