



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

NOTICE OF ACCEPTANCE (NOA)

Nu-Vue Industries, Inc.
 1055 East 29th Street
 Hialeah, Florida 33013

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: 0.0395" (min.) Galvanized Steel Storm Panels Shutter

APPROVAL DOCUMENT: Drawing No. 05-287, titled " 0.0395" Galvanized Steel Storm Panel ", sheets 1 through 5 of 5, and 1A of 5, prepared by Tiltco, Inc., dated September 15, 2005, last revision #1 dated September 15, 2005, signed and 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 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 NOA # 02-1009.04 and consists of this page 1, evidence submitted pages E-1 & E-2 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 05-0927.02
 Expiration Date: 11/04/2007
 Approval Date: 03/16/2006

Nu-Vue Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 99-0901.02

A. DRAWINGS

1. *Drawing prepared by Tilteco, Inc., titled "20 Gage Galvanized Steel Storm Panel", Drawing No. 98-109, dated May 12, 1998, sheets 1 through 5 of 5, signed and sealed by Walter A. Tillit, Jr., P.E.*

B. TESTS

1. *Test report on: Uniform Static Air Pressure Test prepared by Hurricane Engineering & Testing Inc., Report No. HETI-98-760, dated November 5, 1998, signed and sealed by Hector M. Medina, P.E.*
2. *Test report on: Large Missile Impact Test and Cyclic Wind Pressure Test prepared by Hurricane Engineering & Testing Inc., Report No. HETI-98-761, dated October 28, 1998, signed and sealed by Hector M. Medina, P.E.*
3. *Test report on: Large Missile Impact Test prepared by Hurricane Engineering & Testing Inc., Report No. HETI-98-762, dated November 3, 1998, signed and sealed by Hector M. Medina, P.E.*

C. CALCULATIONS

1. *Anchor Calculations, 13 pages, dated 08/02/99, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit, Jr., P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Inspection Report.*
2. *Certified Tensile Test Report issued by Hurricane Engineering & Testing Inc., Report Number HETI-98-T120, dated November 13, 1998, signed and sealed by Hector M. Medina, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-1009.04

A. DRAWINGS

1. *Drawing No. 02-450, titled " 20 gage Galvanized Steel Storm Panel ", sheets 1 through 5 of 5, prepared by Tilteco, Inc., dated September 17, 2002 signed and sealed by Walter A. Tillit, Jr., P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 05-0927.02
Expiration Date: 11/04/2007
Approval Date: 03/16/2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 05-287, titled " 0.0395" Galvanized Steel Storm Panel ", sheets 1 through 5 of 5, and 1A of 5, prepared by Tilteco, Inc., dated September 15, 2005, last revision #1 dated September 15, 2005, signed and sealed by Walter A. Tillit Jr., P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Anchor Calculations, 44 pages, dated September 22, 2005, 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.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 05-0927.02
Expiration Date: 11/04/2007
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 H.E.T.I. TEST REPORTS # 98-760, # 98-761, # 98-762 & # 98-T120, AS PROTOCOLS TAS-201, TAS-202 AND TAS-203.

2. ALL STEEL SHEET METAL PANELS SHALL HAVE STRUCTURAL QUALITY ASTM A653 SQ, GRADE 50, WITH G-60 GALVANIZED STEEL DESIGNATION AND Fy= 57.46 k.s.i. (AFTER ROLLED).

3. ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 ALLOY UNLESS OTHERWISE NOTED.

4. 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.

5. BOLTS TO BE A.S.T.M. A-307, GALVANIZED OR A.I.S.I 304 SERIES STAINLESS STEEL, WITH 36 ksi MINIMUM YIELD STRENGTH.

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

(A) TO EXISTING POURED CONCRETE:

- 1/4" Ø TAPCON ANCHORS, AS MANUFACTURED BY I.T.W. BUILDDEX OR ELCO TEXTRON, INC.
- 1/4" Ø ELCO male/female PANELMATE, AS MANUFACTURED BY ELCO TEXTRON, INC.
- 1/4" Ø x 7/8" CALK-IN ANCHORS AS MANUFACTURED BY THE POWERS FASTENERS, INC.

NOTES:

A.1) MINIMUM EMBEDMENT INTO POURED CONCRETE OF TAPCON ANCHORS SHALL BE 1 3/4" & 1 7/8" FOR ELCO male/female PANELMATE.

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.

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

(B) TO EXISTING CONCRETE BLOCK WALL:

- 1/4" Ø TAPCON ANCHORS, AS MANUFACTURED BY I.T.W. BUILDDEX OR ELCO TEXTRON, INC.
- 1/4" Ø ELCO male/female PANELMATE, AS MANUFACTURED BY 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 AND ELCO male/female PANELMATE, 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.

[Handwritten Signature]
9/21/05

7. PANELS MAY ALSO BE INSTALLED HORIZONTALLY FOLLOWING INSTALLATION DETAILS SHOWN ON SECTIONS 4, 5 & 6 (SHEET 2 & 3).

8. 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.

9. THE INSTALLATION CONTRACTOR IS 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.

10. 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.

11. (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 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 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 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.

12. SHUTTER MANUFACTURER'S LABEL SHALL BE PLACED ON A READILY AND VISIBLE LOCATION AT PANEL. ONE LABEL SHALL BE PLACED FOR EVERY OPENING.

LABEL SHALL READ AS FOLLOWS:

NU-VUE INDUSTRIES, INC.

HIALEAH, FL.

MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

PRODUCT REVISED

as complying with the Florida

Building Code

Acceptance No. 05-0927.02

Expiration Date 11/04/2007

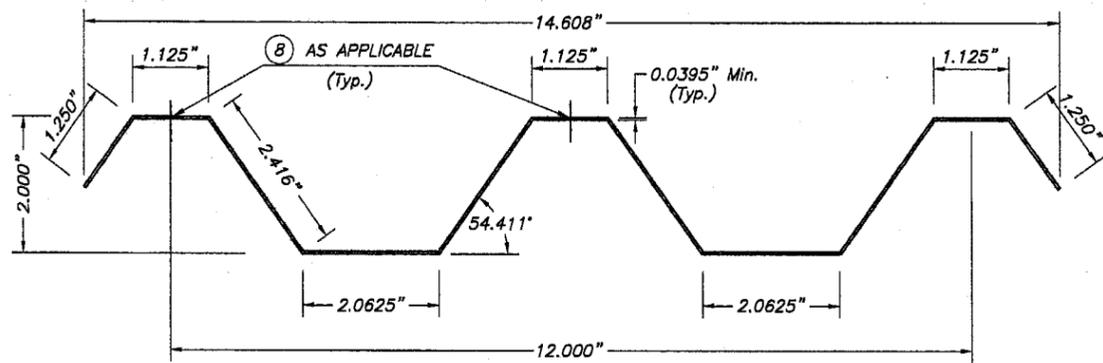
By *[Handwritten Signature]*

Miami Dade Product Control

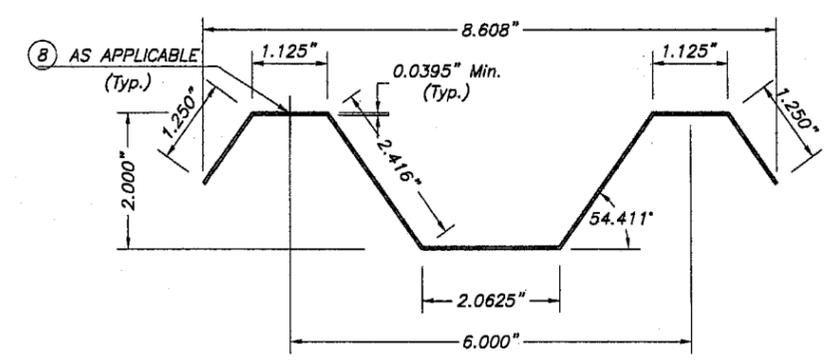
Division

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

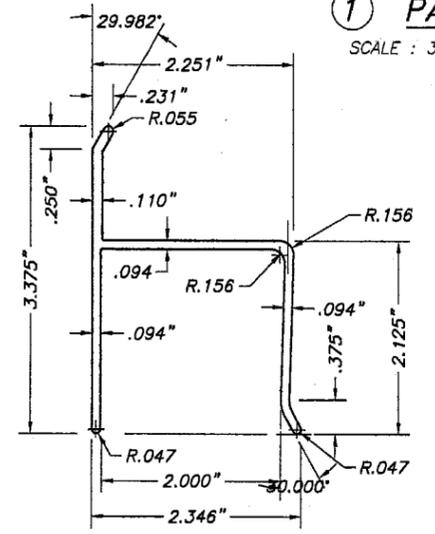
 TILLIT TESTING & ENGINEERING COMPANY 6395 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT, Jr. P. E. FLORIDA Lic. # 44167		0.0395" GALVANIZED STEEL STORM PANEL	DRAWN BY: M.C.V.		
		NU-VUE INDUSTRIES, INC. 1053 - 1059 E. 29 STREET HIALEAH, FL 33013 PHONE: (305) 694-0397 FAX: (305) 694-0348	9/15/05 DATE		
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 02-450	9/15/05	3		
2	-	-	4		
					SHEET 1 OF 5



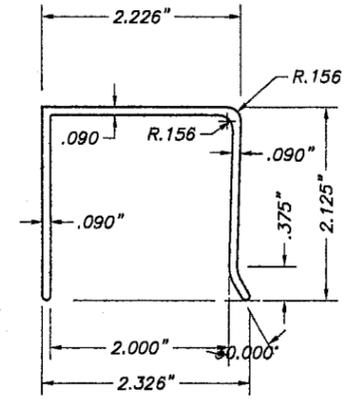
① PANEL
SCALE: 3/8" = 1"



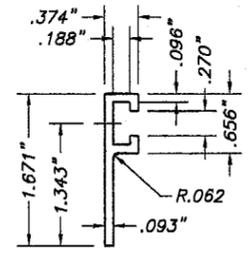
①A HALF PANEL
SCALE: 3/8" = 1"



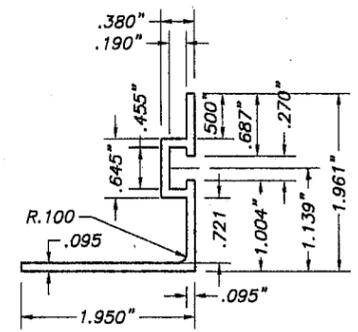
② "h" HEADER
SCALE: 1/2" = 1"



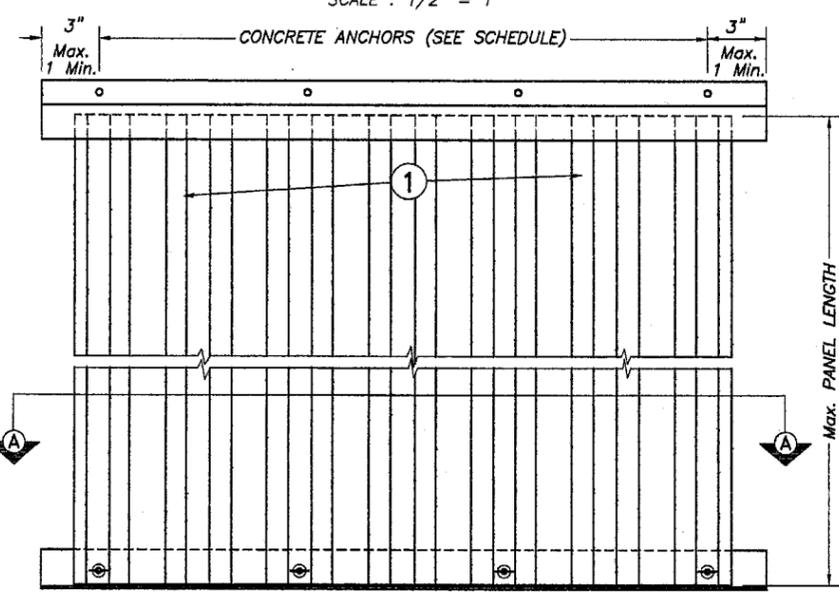
③ "U" HEADER
SCALE: 1/2" = 1"



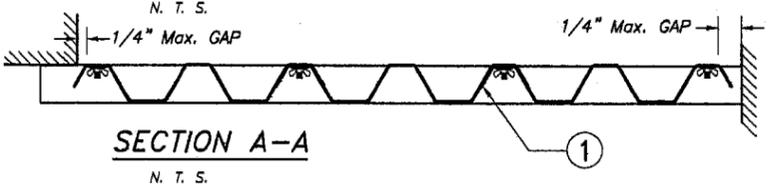
④ "F" TRACK
SCALE: 1/2" = 1"



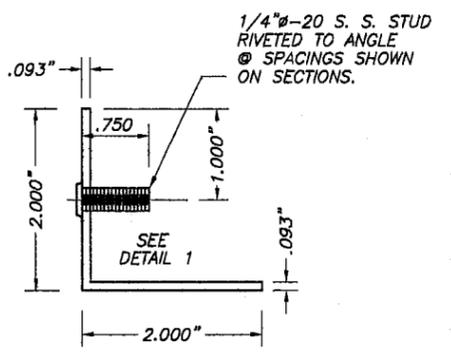
⑤ REVERSED "F" TRACK ANGLE
SCALE: 1/2" = 1"



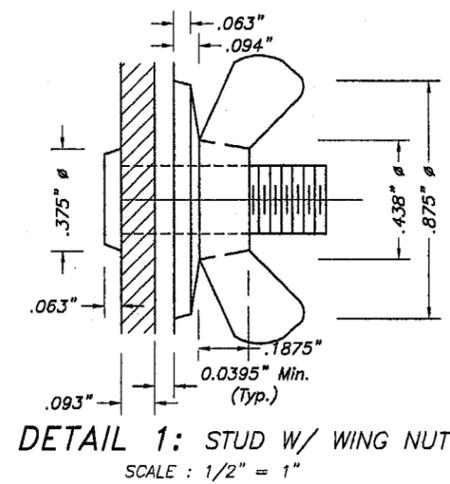
STORM PANEL TYPICAL ELEVATION



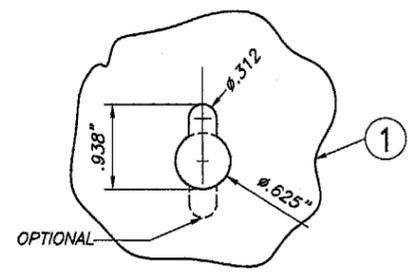
SECTION A-A



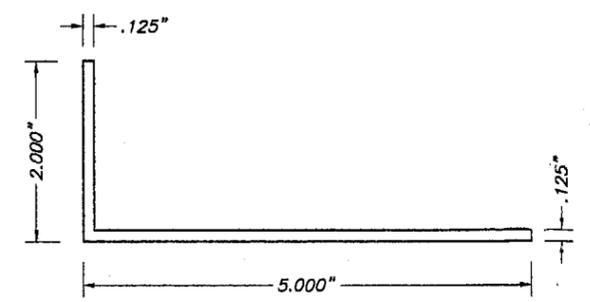
⑥ STUDDED ANGLE
6063-T5 Alum. ALLOY
SCALE: 1/2" = 1"



DETAIL 1: STUD W/ WING NUT
SCALE: 1/2" = 1"



⑧ KEY HOLE AT PANEL
SCALE: 1/2" = 1"



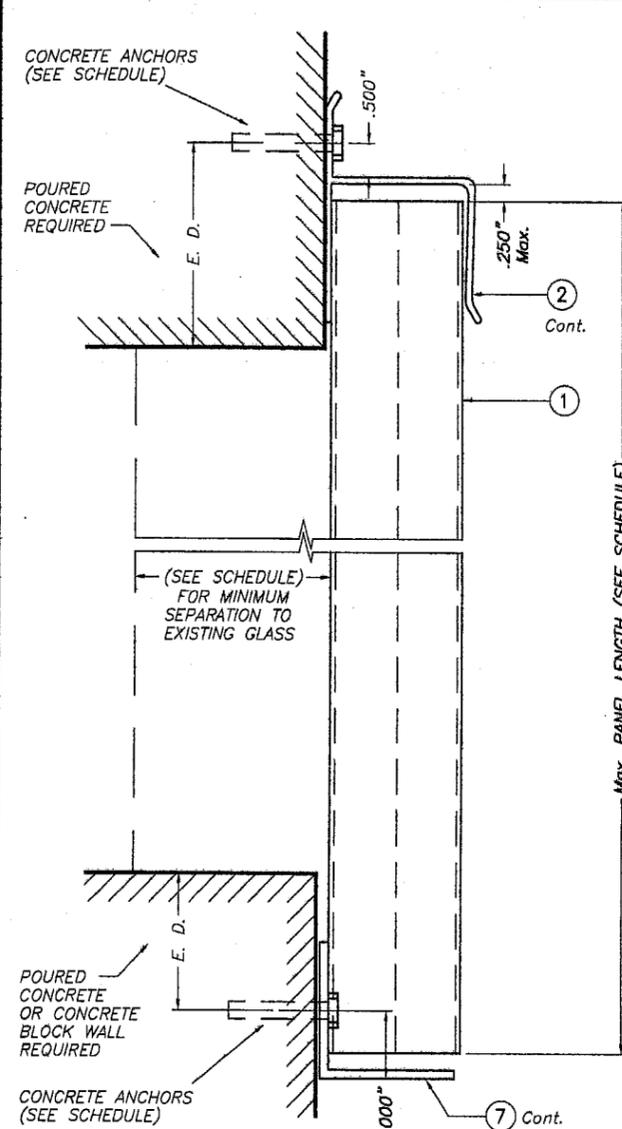
⑦ 2" x 5" (Max.) x .125" ANGLE 9/24/05
SCALE: 1/2" = 1"

PRODUCT REVISED
as complying with the Florida
Building Code
Building Code
Acceptance No. 05-0927.02
Expiration Date 11/04/2007
By *Heather A. Miller*
Miami Dade Product Control
Division

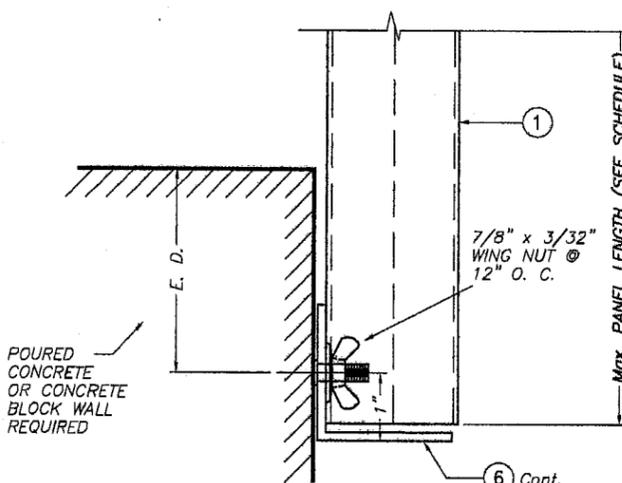
F.B.C. (High Velocity Hurricane Zone)

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone: (305) 871-1830 Fax: (305) 871-1531
EB-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

0.0395" GALVANIZED STEEL STORM PANEL						DRAWN BY: M.C.V.
NU-VUE INDUSTRIES, INC.						9/15/05 DATE
1053 - 1059 E. 29 STREET HIALEAH, FL 33013 PHONE: (305) 694-0397 FAX: (305) 694-0348						05-287 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 1A OF 5
1	OLD 02-450	9/15/05	3			
2			4			

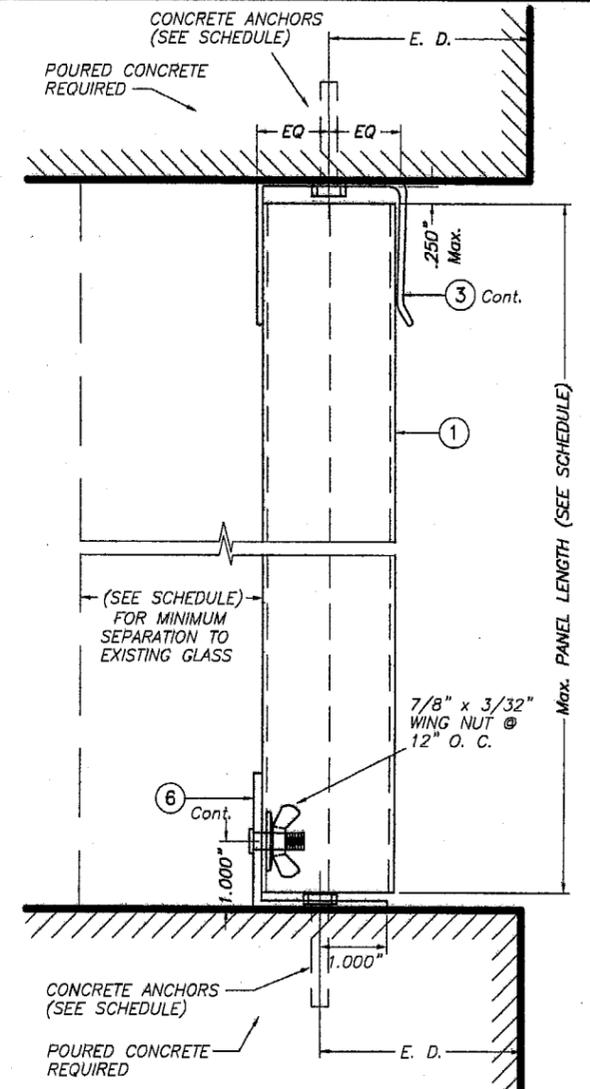


SECTION @ ANCHOR



SECTION @ STUD

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

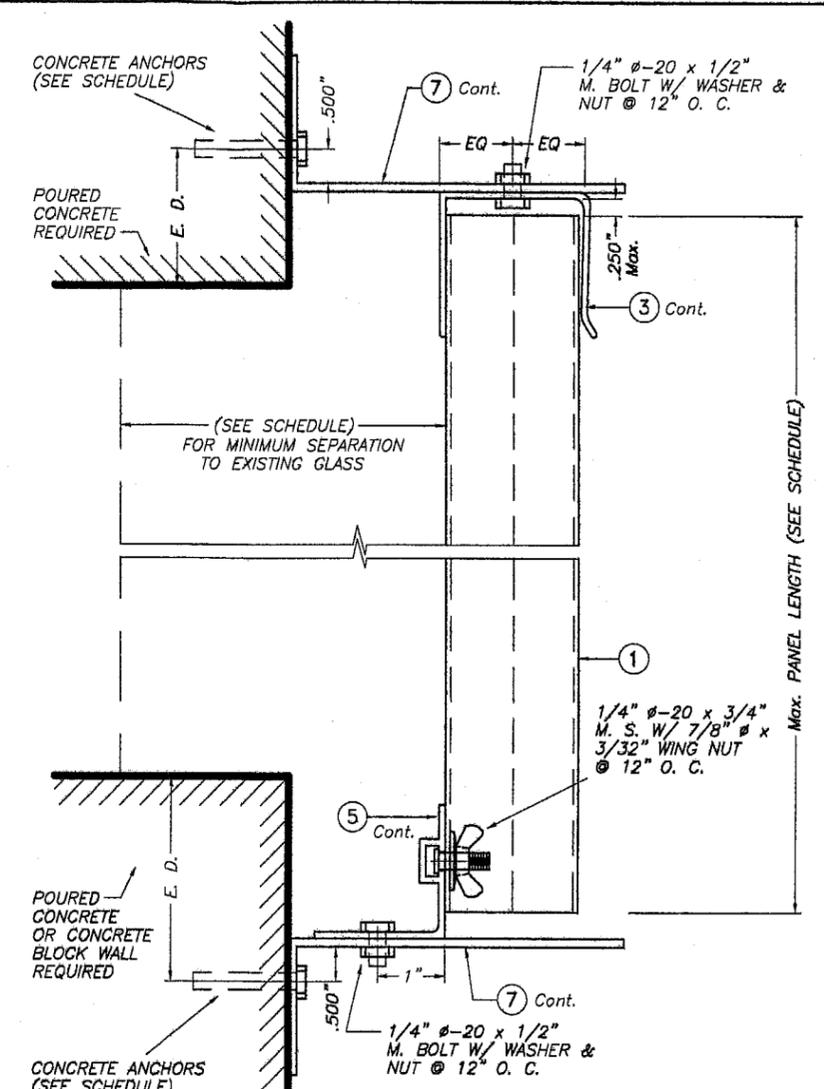


CEILING & FLOOR MOUNTING
INSTALLATION - SECTION 2

SCALE : 3/8" = 1"

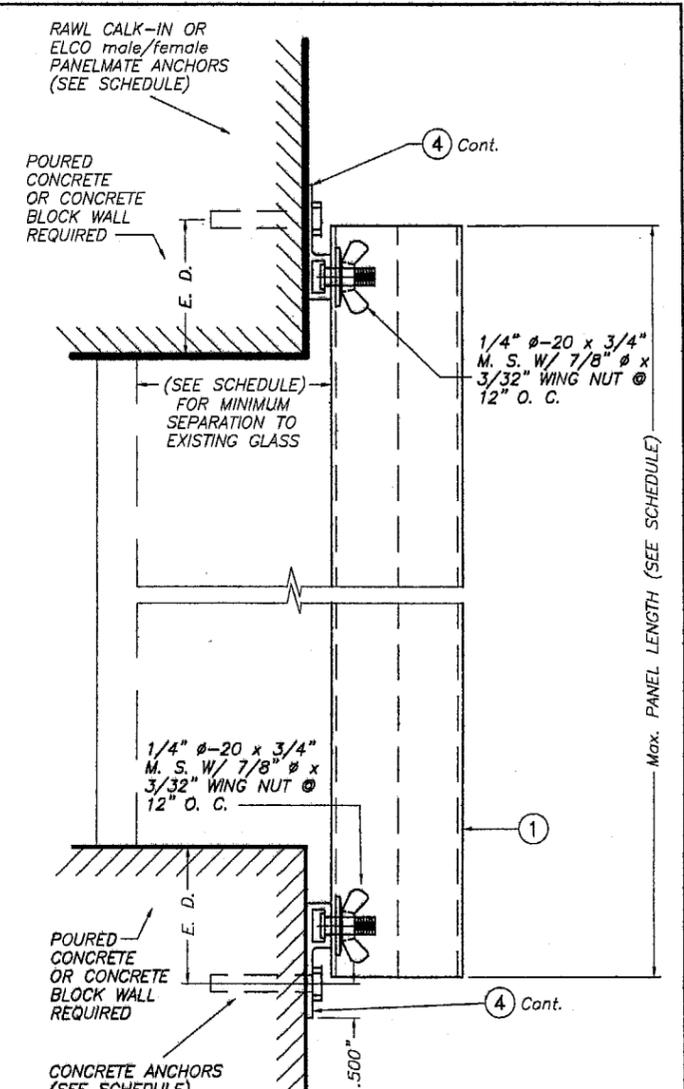
E. D. = EDGE DISTANCE
(SEE SCHEDULE ON
SHEET 4 OF 5)

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



BUILD-OUT MOUNTING INSTALLATION
SECTION 3

SCALE : 3/8" = 1"



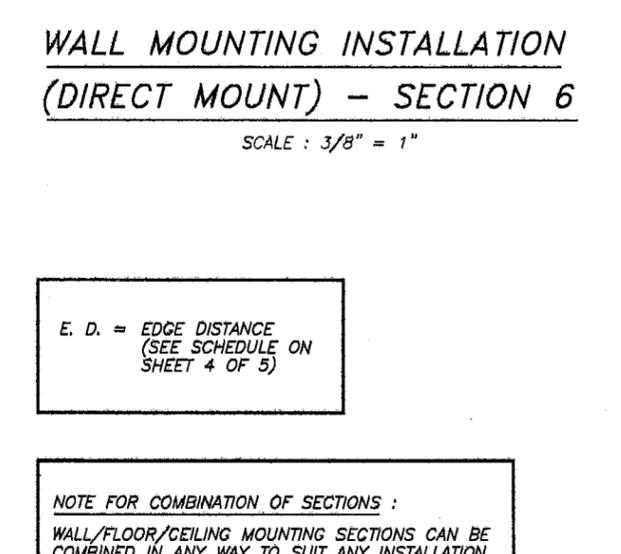
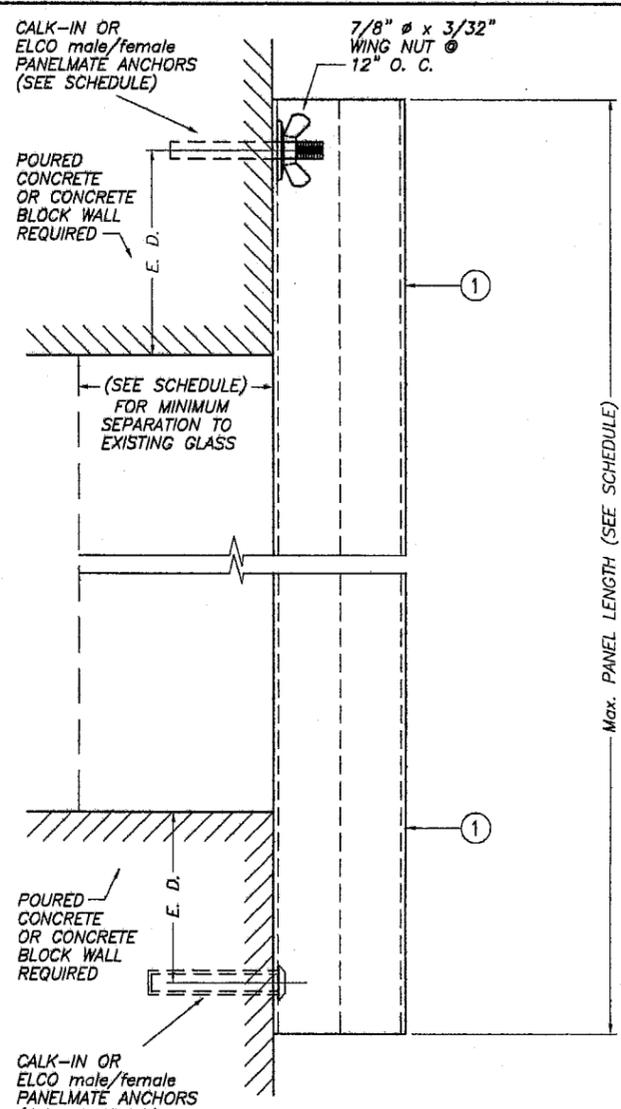
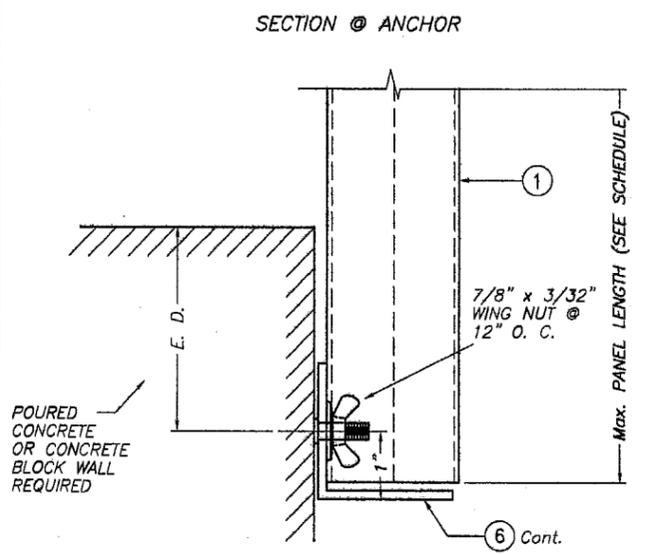
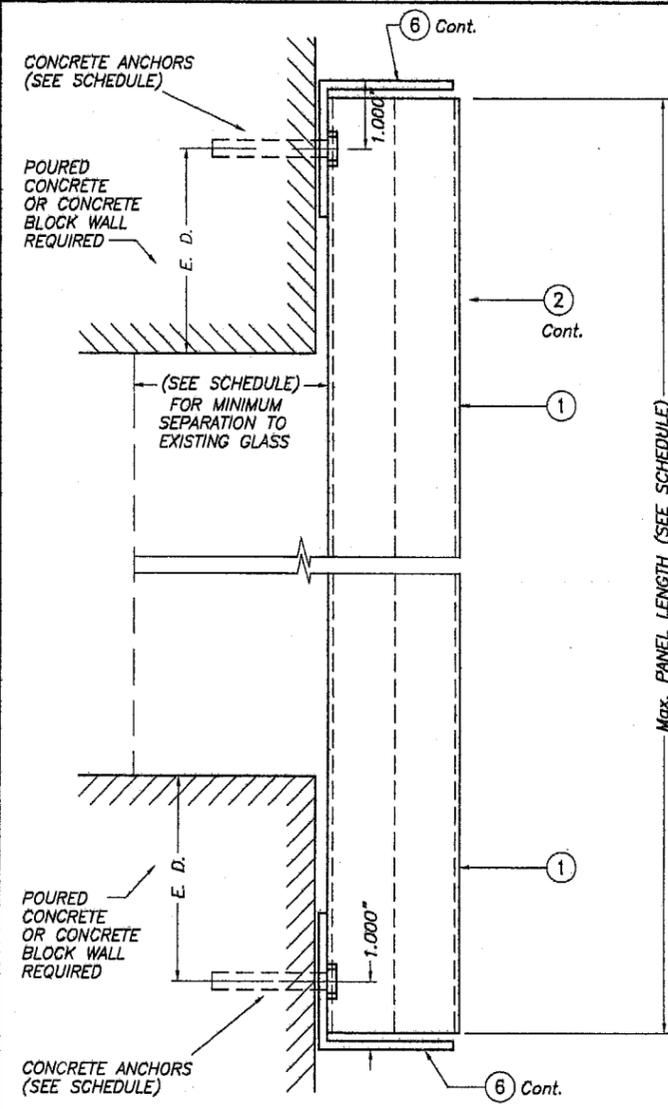
WALL MOUNTING INSTALLATION
SECTION 4

SCALE : 3/8" = 1"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0927.02
Expiration Date 11/04/2007
By *Helmut A. Tillit*
Miami Dade Product Control
Division

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

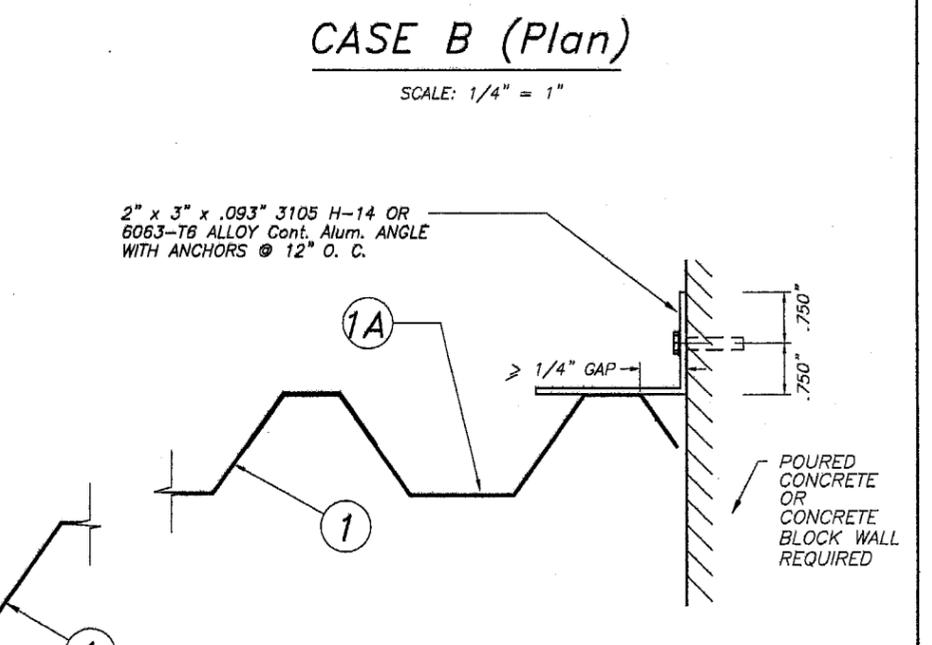
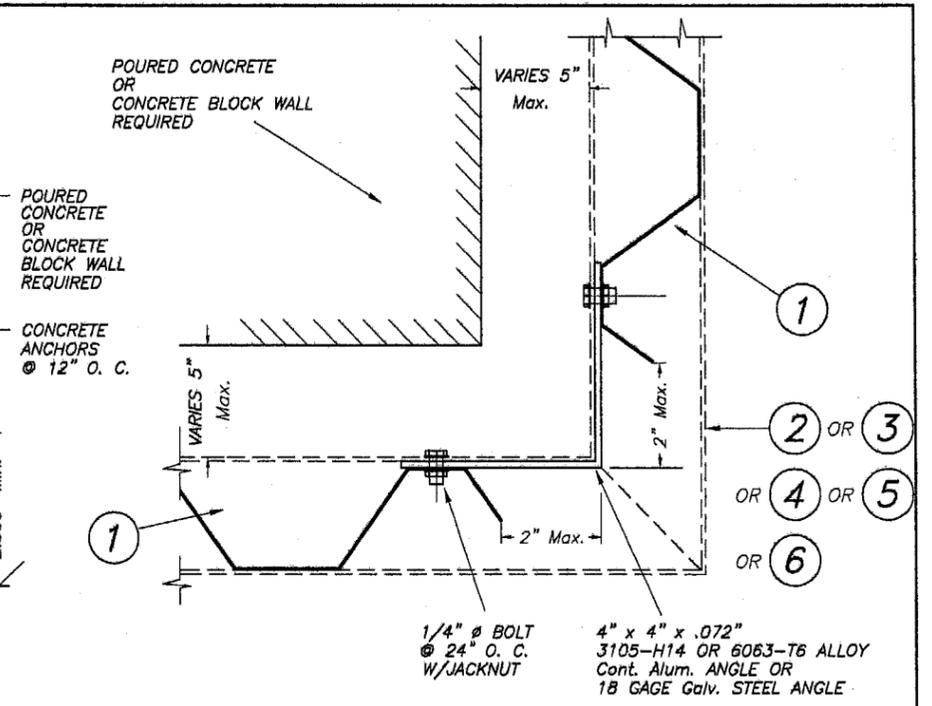
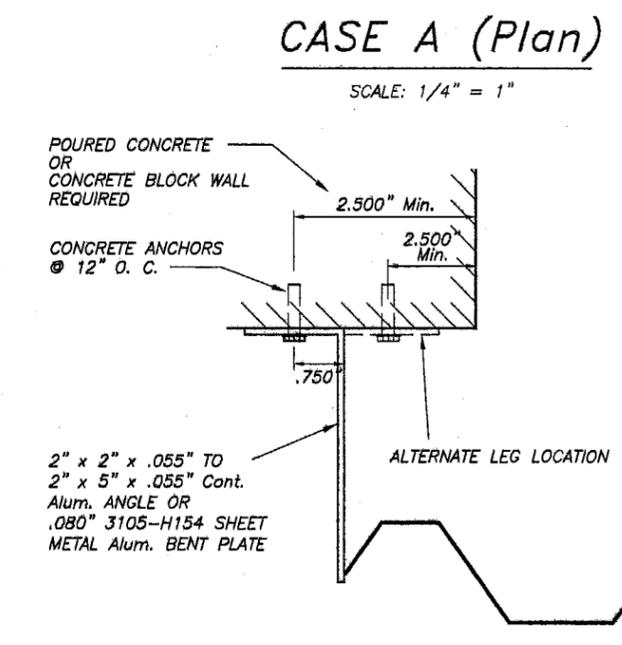
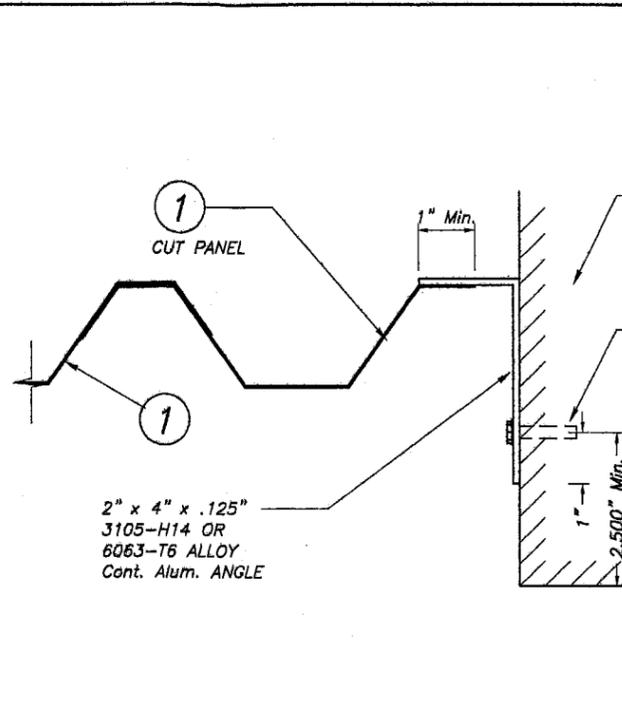
<p>TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305) 871-1530 Fax : (305) 871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167</p>		0.0395" GALVANIZED STEEL STORM PANEL		DRAWN BY: M.C.V.	
		<p>NU-VUE INDUSTRIES, INC. 1053 - 1059 E. 29 STREET HIALEAH, FL 33013 PHONE: (305) 894-0397 FAX: (305) 894-0348</p>		9/15/05 DATE	
<p>REV. No 1 DESCRIPTION OLD 02-450 DATE 9/15/05 REV. No 3</p>		<p>REV. No 2 DESCRIPTION - DATE - REV. No 4</p>		05-287 DRAWING No	
				SHEET 2 OF 5	



WALL MOUNTING INSTALLATION (DIRECT MOUNT) - SECTION 6
SCALE: 3/8" = 1"

E. D. = EDGE DISTANCE (SEE SCHEDULE ON SHEET 4 OF 5)

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



WALL MOUNTING INSTALLATION SECTION 5
SCALE: 3/8" = 1"

NOTE: DETAIL OF SECTION 6 STUD VALID FOR WALL MOUNTING INSTALLATION - SECTION 5 (TOP & BOTTOM)

END CLOSURES DETAILS

SCALE: 1/4" = 1"

SCALE: 1/4" = 1"

SCALE: 1/4" = 1"

SCALE: 1/4" = 1"

PRODUCT REVISED as complying with the Florida Bidding Code
Acceptance No 05-0927.02
Expiration Date 11/04/2007
By *Helmut A. Tillit*
Miami Dade Product Control Division

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		0.0395" GALVANIZED STEEL STORM PANEL		DRAWN BY: M.C.V.	
		NU-VUE INDUSTRIES, INC. 1053 - 1059 E. 28 STREET HIALEAH, FL 33013 PHONE: (305) 694-0397 FAX: (305) 694-0348		9/15/05 DATE	
REV. No 1 DESCRIPTION OLD 02-450 DATE 9/15/05 REV. No 3 REV. No 2 DESCRIPTION - DATE - REV. No 4		05-287 DRAWING No		SHEET 3 OF 5	

MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR

SPACING SCHEDULE FOR INSTALLATIONS INTO CONCRETE OR CONCRETE BLOCK WALL STRUCTURES *

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		PANELMATES			
	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY		
+60.0, -72.0	12"	N/A	12"	N/A	11"	N/A	1 (TOP)	8'-2" OR LESS
	12"	6"	12"	9"	11"	10 1/2"	1 (BOTTOM) 5 (TOP/BOTTOM)	
	10"	N/A	9"	N/A	7 1/2"	N/A	2 (TOP)	
	8"	N/A	7 1/2"	N/A	6"	N/A	2 (BOTTOM)	
	12"	N/A	12"	N/A	11"	N/A	3 (TOP)	
	12"	6"	12"	9"	11"	10 1/2"	3 (BOTTOM)	
	N/A	N/A	12"	6"	6"	6"	6 (TOP/BOTTOM)	
	12"	6"	12"	9"	11"	10 1/2"	4 (TOP/BOTTOM)	
+60.0, -72.0	10 1/2"	N/A	11"	N/A	10 1/2"	N/A	1 (TOP)	>8'-2" TO 8'-9"
	12"	5 1/2"	12"	8"	10 1/2"	10"	1 (BOTTOM) 5 (TOP/BOTTOM)	
	9"	N/A	8"	N/A	7"	N/A	2 (TOP)	
	8"	N/A	7"	N/A	5 1/2"	N/A	2 (BOTTOM)	
	12"	N/A	12"	N/A	10 1/2"	N/A	3 (TOP)	
	12"	5 1/2"	12"	8"	10 1/2"	10"	3 (BOTTOM)	
	N/A	N/A	12"	6"	6"	6"	6 (TOP/BOTTOM)	
	12"	5 1/2"	12"	8"	10 1/2"	10"	4 (TOP/BOTTOM)	
+50.0, -55.0	12"	6"	12"	8 1/2"	10 1/2"	10"	5 (TOP/BOTTOM)	>8'-9" TO 11'-2"
	N/A	N/A	12"	6"	6"	6"	6 (TOP/BOTTOM)	
	12"	6 1/2"	12"	8 1/2"	10 1/2"	10"	4 (TOP/BOTTOM)	

E. D. = EDGE DISTANCE

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 SECTION # & ANY COMBINATION OF THEM
+60.0, -72.0	8'-9" OR LESS	2 1/2"	1
+60.0, -72.0	8'-9" OR LESS	3 3/8"	2
+60.0, -72.0	>8'-9" OR LESS	3 1/4"	3
+60.0, -72.0	8'-9" OR LESS	3"	4, 5 & 6
+50.0, -55.0	>8'-9" TO 11'-2"	3 3/8"	4, 5 & 6

* SEE SHEET 5 OF 5 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. (Min. E. D. FOR CALK-IN ANCHORS & ELCO PANELMATE IS 2 1/2"). FOR THIS OPERATION TO BE POSSIBLE, REDUCE SPACING OBTAINED USING FACTOR SHALL NOT BE LESS THAN MINIMUM SPACING INDICATED FOR EACH ANCHOR TYPE AT ANCHOR LEGEND.

ANCHOR LEGEND

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

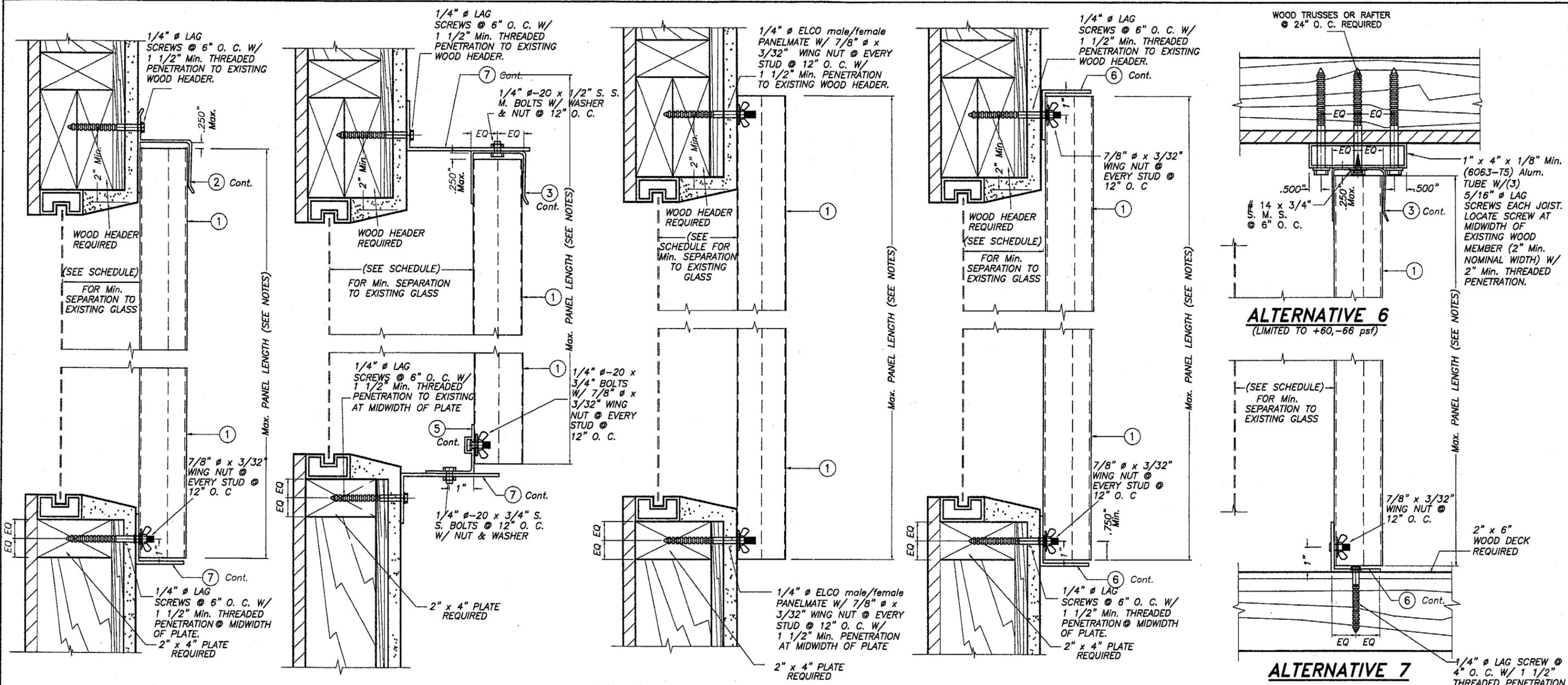
ANCHOR TYPE	MIN. ANCHOR SPACING
TAPCON/ PANELMATES	3"
CALK-IN	2 1/2"

[Signature]
9/21/05

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0927.02
Expiration Date 11/04/2007
By *[Signature]*
Miami Dade Product Control
Division

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

 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	0.0395" GALVANIZED STEEL STORM PANEL	DRAWN BY: M.C.V.
	NU-VUE INDUSTRIES, INC. 1053 - 1059 E. 29 STREET HIALEAH, FL 33013 PHONE: (305) 694-0397 FAX: (305) 694-0348	9/15/05 DATE
REV. No DESCRIPTION DATE REV. No DESCRIPTION DATE 1 OLD 02-450 9/15/05 3 2 - - - 4	05-287 DRAWING No	SHEET 4 OF 5



ALTERNATIVE 1

ALTERNATIVE 3

ALTERNATIVE 4

ALTERNATIVE 5

**CEILING & FLOOR MOUNTING
INSTALLATION - SECTIONS B**

**WALL MOUNTING INSTALLATIONS -
SECTION A**

SCALE: 1/4" = 1"

**INSTALLATION DETAILS ON
EXISTING WOOD BUILDINGS**

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

- NOTES:**
- INSTALLATIONS ARE ONLY VALID FOR DESIGN WIND LOADS UP TO +60.0, -72.0 psf AND PANEL'S LENGTH UP TO 8'-9". (EXCEPT AS NOTED)
 - NEW 2" x 6" P. T. TO BE SOUTHERN PINE No. 2, SURFACED DRY WITH 19 % M. M. C. W/ SPECIFIC DENSITY OF 0.55.
 - FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No. 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

SCALE: 1/4" = 1"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0927.02
Expiration Date 11/04/2007
By *Heung A. M...*
Miami Dade Product Control
Division

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

<p>TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. J05, VIRGINIA GARDENS, FL 33168 Phone: (305)871-1530 Fax: (305)871-1531 EB-0008719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167</p>		0.0395" GALVANIZED STEEL STORM PANEL		DRAWN BY: M.C.V.
		<p>NU-VUE INDUSTRIES, INC. 1053 - 1059 E. 29 STREET HALEAH, FL 33013 PHONE: (305) 694-0397 FAX: (305) 694-0348</p>		9/15/05 DATE
<p>REV. No DESCRIPTION DATE REV. No DESCRIPTION DATE</p> <p>1 OLD 02-450 9/15/05 3</p> <p>2 - - - 4</p>		05-287 DRAWING No		SHEET 5 OF 5

Handwritten signature and date: 9/21/05