



**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**

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov

**Vent Covers, Inc.
10161 NW 46th Street
Sunrise, Florida 33351**

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: End Gable Removable Aluminum Vent Cover Panels

APPROVAL DOCUMENT: Drawing No. 09-018, titled "End Gable Removable Aluminum Vent Cover Panels", sheets 1 through 3 of 3, prepared by Tilteco, Inc., dated 02/17/2009, last revision #1 dated 02/17/2009, signed and sealed by Walter A. Tillit Jr., P.E. on 02/18/2009 bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the 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 # 08-0111.06 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., M.S.**



Helmy A. Makar
04/15/2009

**NOA No. 09-0226.02
Expiration Date: 03/13/2013
Approval Date: 04/15/2009**

Vent Covers, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0111.06

A. DRAWINGS

1. *Drawing No. 07-290, titled "End Gable Removable Aluminum Vent Cover Panels", Sheets 1 through 3 of 3, dated 11/27/07, with no revision, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit, Jr., P.E.*

B. TESTS

1. Test report on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
Along with marked-up drawings and installation diagram of an End Gable Cover Panels, prepared by American Test Lab of South Florida, Test Report No. **ATLSF 1120.03-07**, dated 12/20/07, signed and sealed by Henry Hattem, P.E.
2. Test report on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
Along with marked-up drawings and installation diagram of an End Gable Cover Panels, prepared by American Test Lab of South Florida, Test Report No. **ATLSF 0107.01-08**, dated 01/09/08, signed and sealed by William R. Mehner, P.E.

C. CALCULATIONS

1. *anchors capacity verification prepared by Tilteco, Inc., dated 11/27/07, 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. *Test report on Pull-Out Strength of Power Fasteners 3/16" Strap-Toggle on 1/2" Exterior Plywood, prepared by American Test Lab of South Florida, Test Report No. **ATLSF 1127.01-07**, dated 12/20/07, signed and sealed by William R. Mehner, P.E., and Henry Hattem, P.E.*
2. *Test report on Pull-Out Strength of Power Fasteners 3/16" Strap-Toggle on 5/8" Stucco with 3/8" Ribbed Lath, prepared by American Test Lab of South Florida, Test Report No. **ATLSF 1214.01-07**, dated 12/20/07, signed and sealed by William R. Mehner, P.E., and Henry Hattem, P.E.*
3. *Inspection report on Tensile Strength per ASTM E8 of Aluminum Sheets, prepared by Q. C. Metallurgical, Inc., Report No. **8AM-04**, dated 01/02/08, signed and sealed by Frank Grate, P.E.*



Helmy A. Makar, P.E., M.S.
Senior Product Control Examiner
NOA No. 09-0226.02
Expiration Date: 03/13/2013
Approval Date: 04/15/2009

Vent Covers, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. *Statement letter of code conformance issued by Tilteco, Inc., dated 12/19/07, signed and sealed by Walter A. Tillit Jr., P.E.*
2. *Statement letter of no financial interest issued by Tilteco, Inc., dated 12/19/07, signed and sealed by Walter A. Tillit Jr., P.E.*

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS:

1. *Drawing No. 09-018, titled "End Gable Removable Aluminum Vent Cover Panels", sheets 1 through 3 of 3, prepared by Tilteco, Inc., dated 02/17/2009, last revision #1 dated 02/17/2009, signed and sealed by Walter A. Tillit Jr., P.E. on 02/18/2009.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade building Code Compliance Office.*

E. MATERIAL CERTIFICATION:

1. *None.*



Henry A. Makar, P.E., M.S.
Senior Product Control Examiner
NOA No. 09-0226.02
Expiration Date: 03/13/2013
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GENERAL NOTES:

1. END GABLE REMOVABLE ALUMINUM VENT COVER PANELS SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAVE BEEN VERIFIED FOR 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 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.
 END GABLE REMOVABLE ALUMINUM VENT COVER PANELS ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE AS PER ATLSF (AMERICAN TEST LAB OF SOUTH FLORIDA) REPORT # 1120.03-07, PER PROTOCOLS TAS 201-94 TAS 202-94 AND TAS 203-94.

7. THIS PRODUCT IS PATENT PENDING.

8. END GABLE REMOVABLE ALUMINUM VENT COVER PANELS MANUFACTURER'S LABEL SHALL BE PLACED ON A READILY AND VISIBLE LOCATION AT PANEL.
 ONE LABEL SHALL BE PLACED FOR EVERY PANEL.
 LABEL SHALL READ AS FOLLOWS:
 VENT COVERS INC.
 SUNRISE, FL.
 MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

DESIGN PRESSURE RATING = +70.0, -70.0 psf

2. ALL ALUMINUM SHEET METAL PANELS SHALL HAVE 5052-H32 ALLOY, WITH Fy=28.5 K.S.I. (AFTER ROLLED)

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

(A) TO EXISTING MIN 1/2" (15/32") THICK EXTERIOR PLYWOOD OR 5/8" THICK STUCCO W/ 3/8" RIBBED LATH:
 - 3/16" STRAP-TOGGLE AS MANUFACTURED BY POWERS FASTENERS, INC.

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

4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE WHERE END GABLE REMOVABLE ALUMINUM VENT COVER PANELS IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE. THESE END GABLE REMOVABLE ALUMINUM VENT COVER PANELS SHALL ONLY BE ATTACHED TO PLYWOOD AND STUCCO FINISH (IF APPLICABLE). PLYWOOD TO COMPLY WITH SECTION 2322 OF THE FLORIDA BUILDING CODE.

5. END GABLE REMOVABLE ALUMINUM VENT COVER PANELS INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO. PANELS SHALL BE REMOVED IMMEDIATELY AFTER THE HURRICANE IS PASSED.

6. (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.

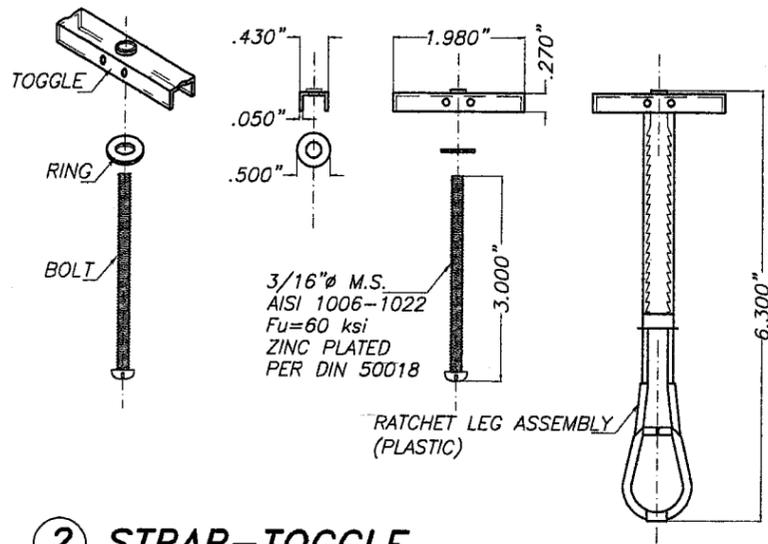
(E) THIS P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 09-0226.02
 Expiration Date 03/13/2013
 By *Helmut H. Mabe*
 Miami Dade Product Control
 Division

F.B.C. (H.V.H.Z.)/MIAMI-DADE COUNTY

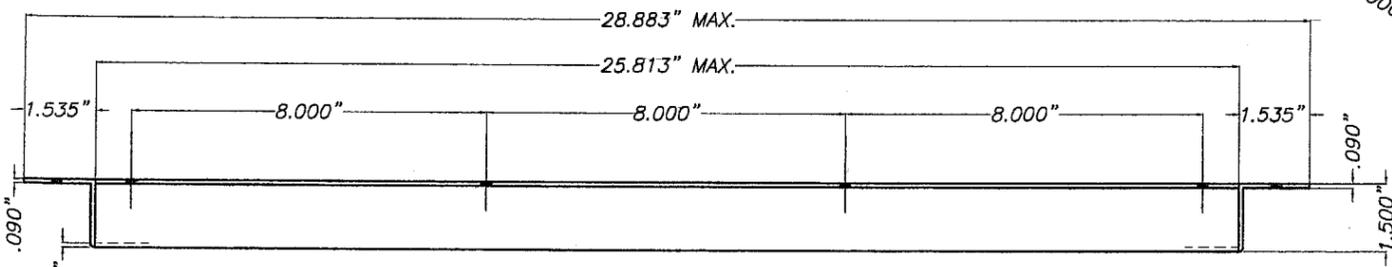
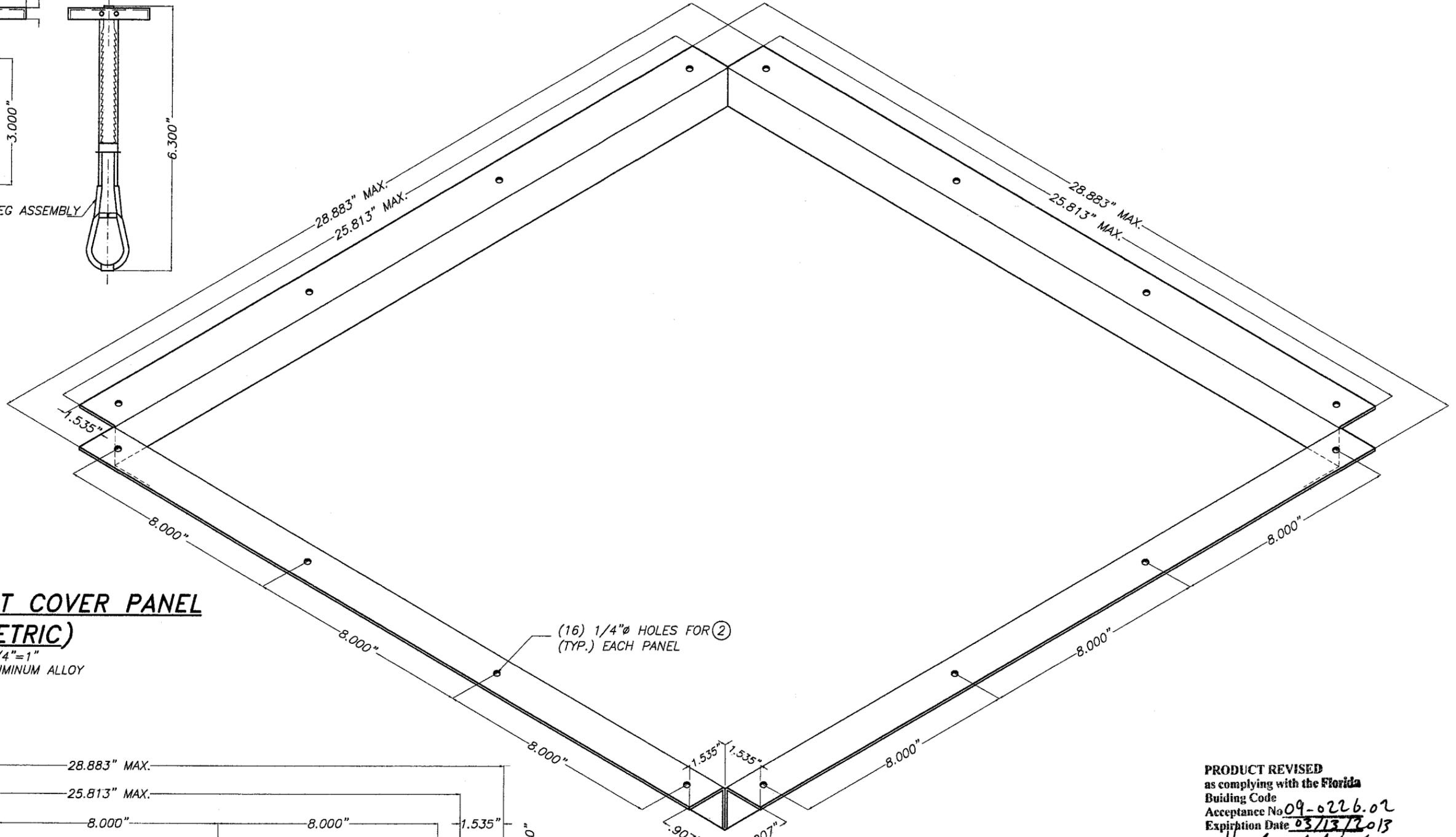
[Signature]
 FEB 18 2009

© 2009 TILTECO INC.		END GABLE REMOVABLE ALUMINUM VENT COVER PANELS		F.P.
 TILLIT TESTING & ENGINEERING COMPANY 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		VENT COVERS INC. 10161 NW 46 STREET SUNRISE, FLORIDA 33351 PHONE: (954) 358-5823 / FAX: (954) 358-5827		02/17/09 DATE
		REV. No DESCRIPTION DATE REV. No DESCRIPTION DATE 1 OLD 07-290 02/17/09 3 - - 2 - - 4 - -		09-018 DRAWING No
				SHEET 1 OF 3



2 STRAP-TOGGLE
 SCALE 3/8"=1"
 (MANUFACTURED BY POWERS FASTENERS INC.)

1 END GABLE VENT COVER PANEL (ISOMETRIC)
 SCALE 1/4"=1"
 5052-H32 ALUMINUM ALLOY



FRONT ELEVATION
 SCALE 1/4"=1"

COMPONENTS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 09-0226.02
 Expiration Date 03/13/2013
 By *Heather A. Miller*
 Miami Dade Product Control
 Division

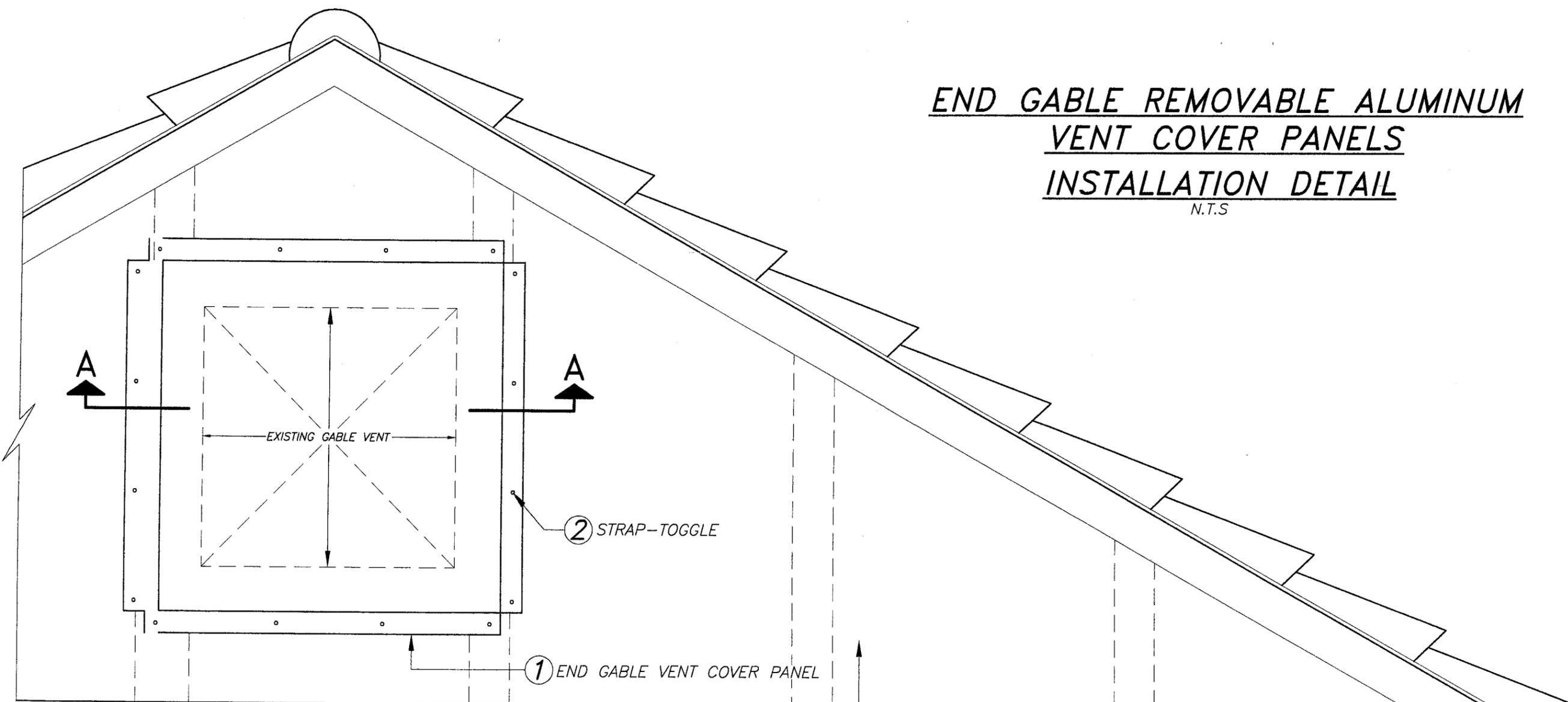
F.B.C. (H.V.H.Z.)/MIAMI-DADE COUNTY

Walter A. Tillit Jr.
 FEB 18 2009

© 2009 TILTECO INC.		END GABLE REMOVABLE ALUMINUM VENT COVER PANELS		F.P. DRAWN BY	
 TILLIT TESTING & ENGINEERING COMPANY 6395 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		VENT COVERS INC. 10161 NW 46 STREET SUNRISE, FLORIDA 33351 PHONE: (954) 358-5823 / FAX: (954) 358-5827		02/17/09 DATE	
		09-018 DRAWING No		SHEET 2 OF 3	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 07-290	02/17/09	3	-	-
2	-	-	4	-	-

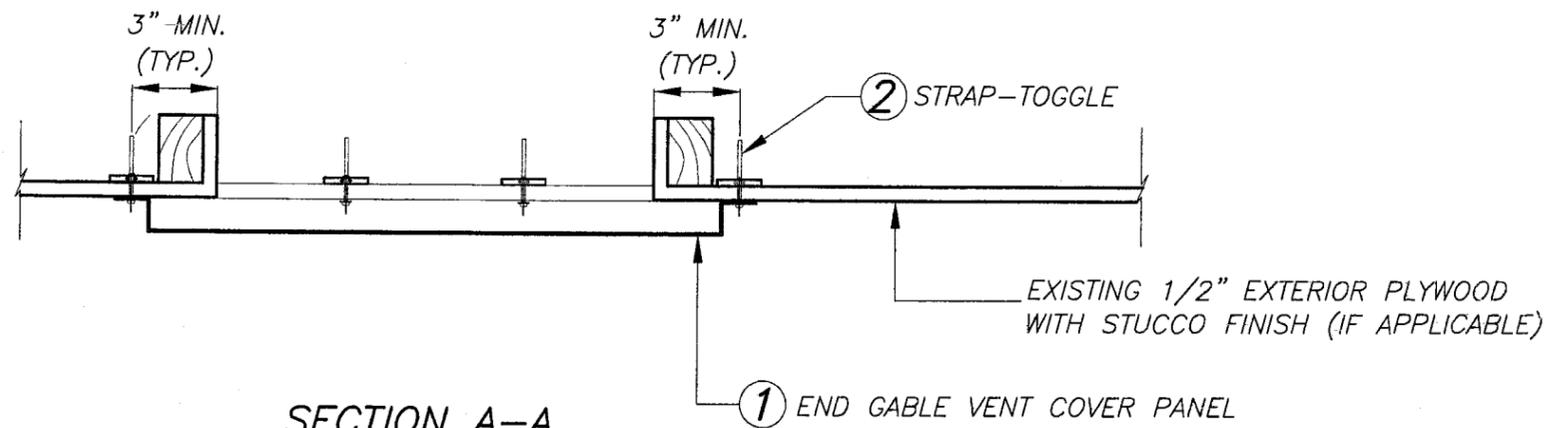
END GABLE REMOVABLE ALUMINUM VENT COVER PANELS INSTALLATION DETAIL

N.T.S.



ELEVATION
N.T.S.

EXISTING 1/2" EXTERIOR PLYWOOD
WITH STUCCO FINISH (IF APPLICABLE)



SECTION A-A
SCALE 1/8"=1"

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By *Walter A. Tillit Jr.*
Miami Dade Product Control
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TILTECO INC.		VENT COVERS INC.		02/17/09 DATE	
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		10161 NW 46 STREET SUNRISE, FLORIDA 33351 PHONE: (954) 358-5823 / FAX: (954) 358-5827		09-018 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 07-290	02/17/09	3	-	-
2	-	-	4	-	-
				09-018 DRAWING No	SHEET 3 OF 3