



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Preinsulated Metal Technologies, Inc.
Db a All Weather Insulated Panels
929 Aldridge Road
Vacaville, CA 95688

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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: "AWIP " Sandwich Foamed-In-Place Steel Facings Wall Panel System

APPROVAL DOCUMENT: Drawing No. MD-001, titled "AWIP Wall Panel System", sheets 1 through 3 of 3, prepared by All Weather Insulated Panels, A Viewwest Company, signed and sealed by J. Walter Lewis, P.E. on February 07, 2014, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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

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

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

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

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

This NOA consists of this page 1, evidence submitted page E-1 and approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
04/03/2014

NOA No. 13-0919.06
Expiration Date: 04/03/2019
Approval Date: 04/03/2014
Page 1

Preinsulated Metal Technologies, Inc.
Db a All Weather Insulated Panels

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. MD-001, titled "AWIP Wall Panel System", sheets 1 through 3 of 3, prepared by All Weather Insulated Panels, A Vicwest Company, signed and sealed by J. Walter Lewis, P.E. on February 07, 2014.*

B. TESTS

1. *Test reports on:*
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test, per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading, per FBC, TAS 203-94along with drawings and installation diagram of DM 40 Wall Panel , prepared by Force Engineering & Testing, Inc., Test Report No. 489-0275T-12A, dated April 01, 2013, signed and sealed by Terrence E. Wolfe, P.E.

C. CALCULATIONS

1. *Calculations titled "Check design of test setup ", 5 pages, prepared by J. Walter Lewis, P.E., signed and sealed by J. Walter Lewis, P.E., on March 17, 2014.*

D. QUALITY ASSURANCE

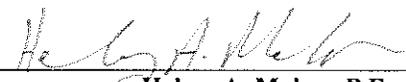
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *Tensile Test, prepared by Metallurgical Engineering Services, Inc., for Panel Identified as 489-0275T-12A, dated March 11, 2013, signed and sealed by Daniel A. Stolk, P.E.*
2. *Tensile Test, prepared by Metallurgical Engineering Services, Inc., for Panel Identified as 489-0275T-12B, dated March 11, 2013, signed and sealed by Daniel A. Stolk, P.E.*

F. STATEMENTS

1. *FBC, 2010 Edition compliance letter issued by J. Walter Lewis, P.E. on September 04, 2013, signed and sealed by J. Walter Lewis, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 13-0919.06
Expiration Date: 04/03/2019
Approval Date: 04/03/2014

AWIP WALL PANEL SYSTEM

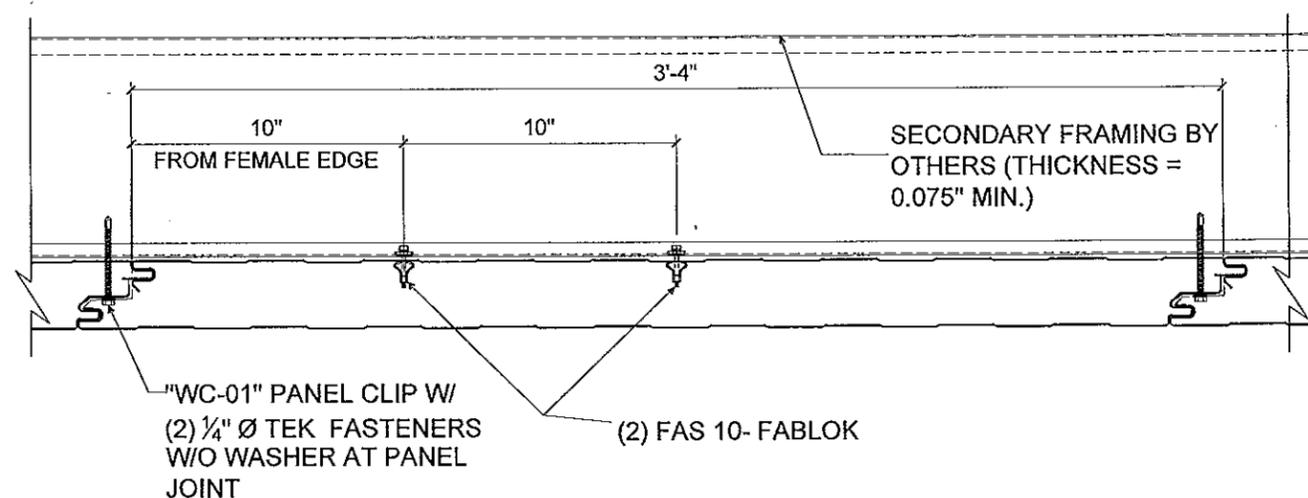
GENERAL NOTES:

1. THE WALL PANEL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE TO THE REQUIREMENTS SET FORTH IN THE 2010 FLORIDA BUILDING CODE.
2. THE WALL PANEL SYSTEM HAS BEEN TESTED AS AN IMPACT SYSTEM IN ACCORDANCE TO TAS 201, TAS 202, TAS 203 AND MEETS THE HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS PER THE FBC.
3. ALL WALL PANELS ARE FACTORY ASSEMBLED SANDWICH PANELS WITH STEEL FACINGS AND A FOAM CORE (MINIMUM FOAMED-IN-PLACE NON-CFC DENSITY 2.2 - 2.5 LB/CU FT). THE PANELS UTILIZE A DOUBLE TONGUE AND GROOVE INTERLOCKING JOINT AND ARE ANCHORED TO SUPPORTS WITH CLIPS AND SCREWS.
4. THE WALL PANELS ARE 40" WIDE COMPRISED OF 26 GAUGE (UNCOATED MIN 0.018") EXTERIOR, $F_y = 45.6$ KSI AND 26 GAUGE (UNCOATED MIN 0.018") INTERIOR, $F_y = 39.9$ KSI G-90 OR AZ-50 CLAD STEEL SKINS WITH A PAINTED EMBOSSED OR SMOOTH FINISH.
5. EACH PANEL SHALL BEAR A LABEL WITH THE FOLLOWING INFORMATION:
ALL WEATHER INSULATED PANELS, A VICWEST COMPANY
LITTLE ROCK, ARKANSAS
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED

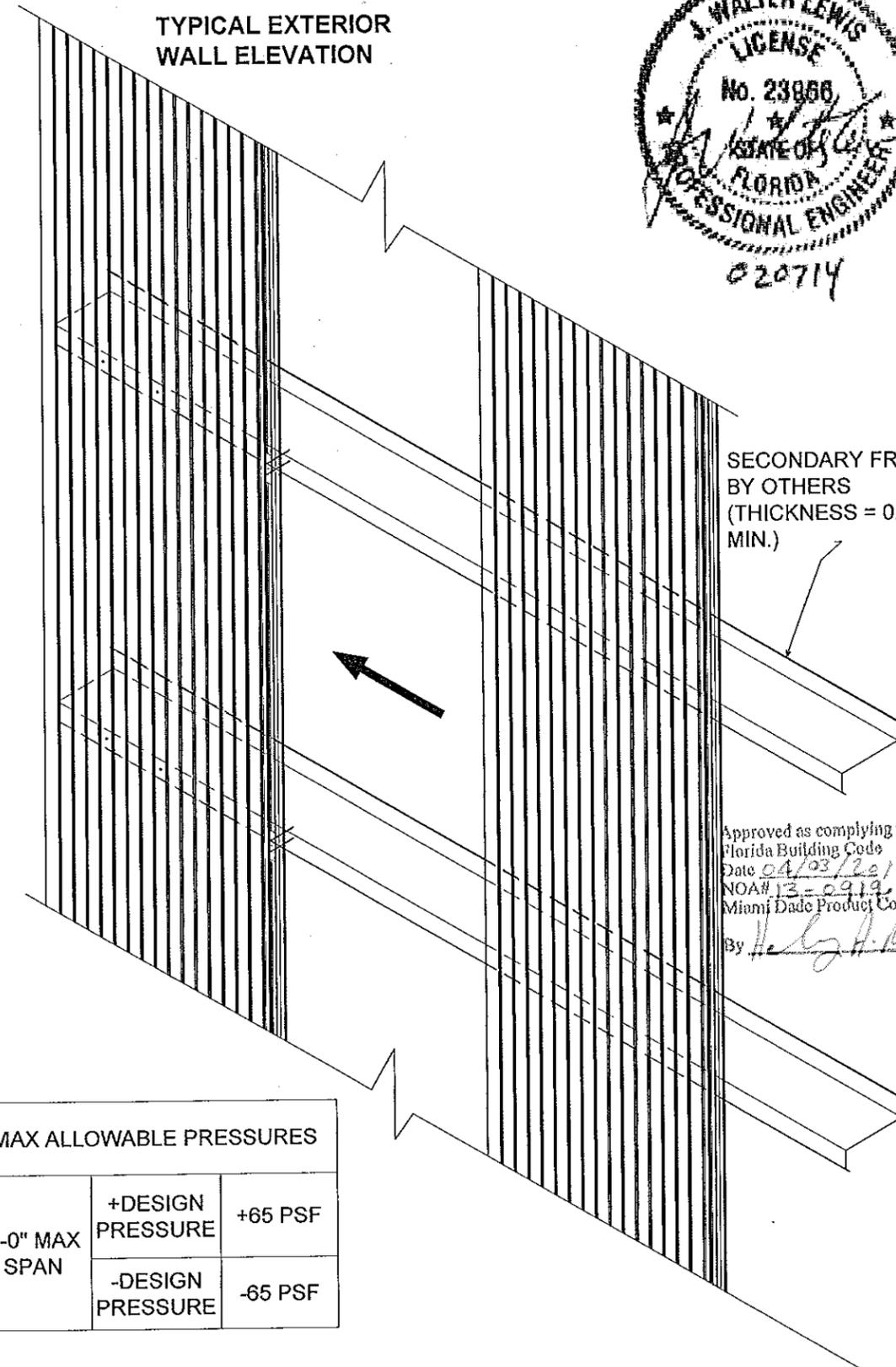
DESIGN CRITERIA:

1. PANELS SHALL BE FASTENED WITH ONE 16-GA WC-01 STEEL CLIP USING (2) 1/4-14 HWH SELF DRILLERS AT EACH PANEL JOINT AT EVERY SUPPORT. PANELS SHALL ALSO BE FASTENED WITH (2) 10-4(8) FABLOKS AT THE INTERIOR FACE OF EACH PANEL AT EACH INTERMEDIATE SUPPORT.
2. THE PANEL SHALL BE INSTALLED OVER MINIMUM 2 SUPPORT SPANS ONTO MINIMUM 14 GAUGE (MIN. 0.075") STEEL.
3. ALLOWABLE DESIGN PRESSURE IS +/- 65 PSF
4. THE PANEL SYSTEM SHALL NOT BE USED FOR TRANSFER OF DIAPHRAGM ACTION TO THE SUPPORTING STRUCTURE.

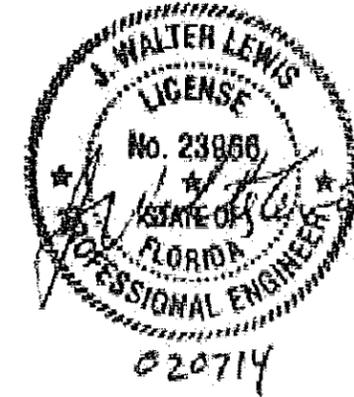
PRODUCT APPROVAL IS LIMITED TO THE INSULATED WALL PANEL AND ITS CONNECTING CLIPS. THE STRUCTURAL CAPACITY OF OTHER SUPPORTS (E.G. BEAMS, COLUMNS, PURLINS, GIRTS, ETC) SHALL BE VERIFIED BY A LICENSED ENGINEERING PROFESSIONAL OR PLANS EXAMINER.



TYPICAL EXTERIOR WALL ELEVATION



MAX ALLOWABLE PRESSURES		
5'-0" MAX SPAN	+DESIGN PRESSURE	+65 PSF
	-DESIGN PRESSURE	-65 PSF



SECONDARY FRAMING BY OTHERS (THICKNESS = 0.075" MIN.)

Approved as complying with the Florida Building Code
Date 04/03/2014
NOA# 13-0919-06
Miami Dade Product Control
By *Walter Lewis*

DATE: 12/09/13 SHEET: 1 OF 3

PROJECT: DM40, HE40, HE40A, FL40, ST40
DRAWN BY: WALL PANELS
BCN
SCALE: NTS
DRAWING NO.: MID-001

828 ALDRIDGE ROAD
VACAVILLE, CA 95688
PHONE: (707) 358-2280
FAX: (707) 358-2288
WWW.AWIPANELS.COM

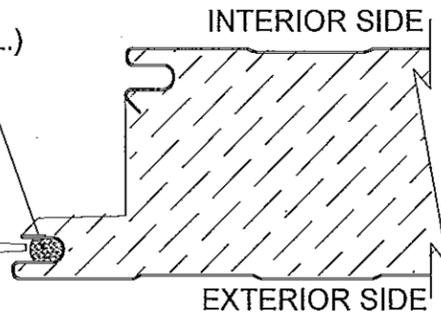
MANUFACTURER: AWIP ALL WEATHER INSULATED PANELS A Viewwest Company

CONSULTANT: J. WALTER LEWIS, P.E.
13808 VILLAGE CREEK DRIVE
FORT MYERS, FL 33908
PHONE: 238-481-5123
FAX: 238-481-5124

REV.	BY	DATE
1		12/09/13
2		12/09/13
3		02/04/14

FILL CAVITY WITH 1/2" DIAMETER BEAD (APPROXIMATE) OF NON-SKINNING BUTYL SEALANT (DO NOT UNDERFILL.)

NON-SKINNING BUTYL SEALANT

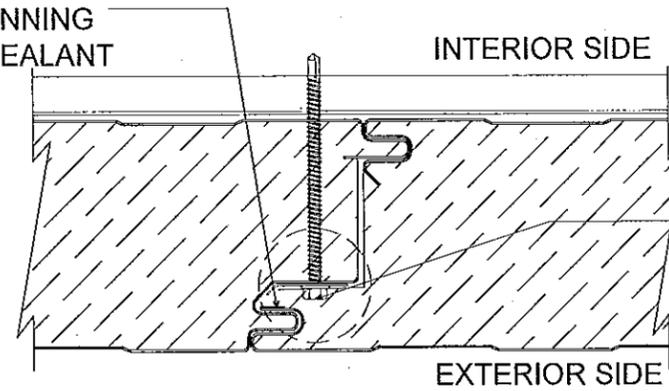


SEALANT PLACEMENT AT PANEL JOINT (PLAN VIEW)

FIELD APPLIED NON-SKINNING BUTYL SEALANT

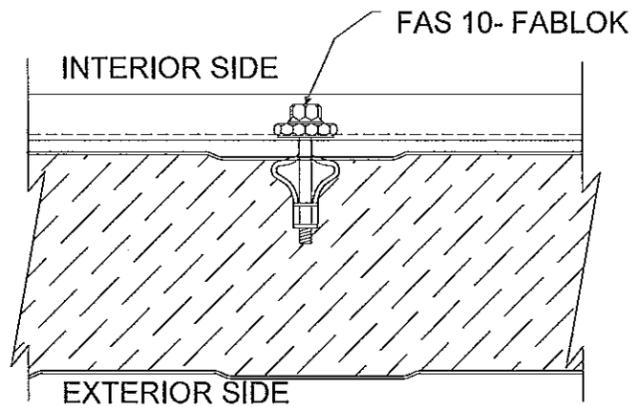


"WC-01" ORIENTATION

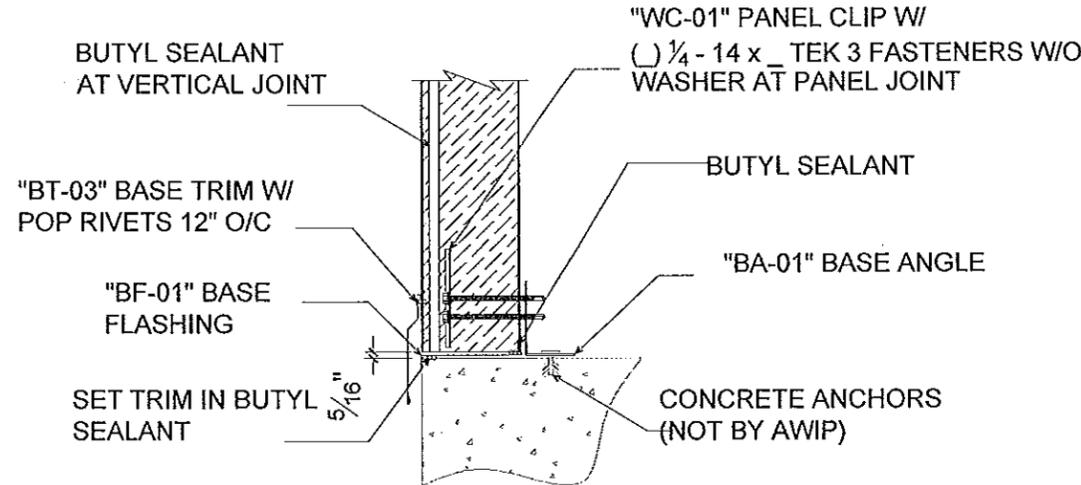


"WC-01" PANEL CLIP W/ (2) 1/4 Ø TEK FASTENERS W/O WASHER AT PANEL JOINT

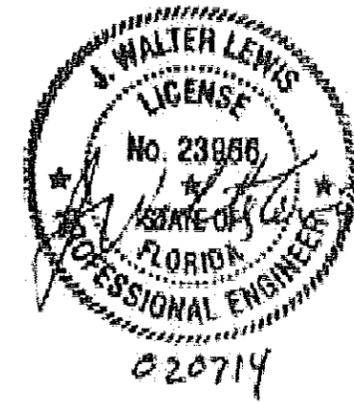
PANEL JOINT (PLAN VIEW)



PANEL FABLOK DETAIL (PLAN VIEW)

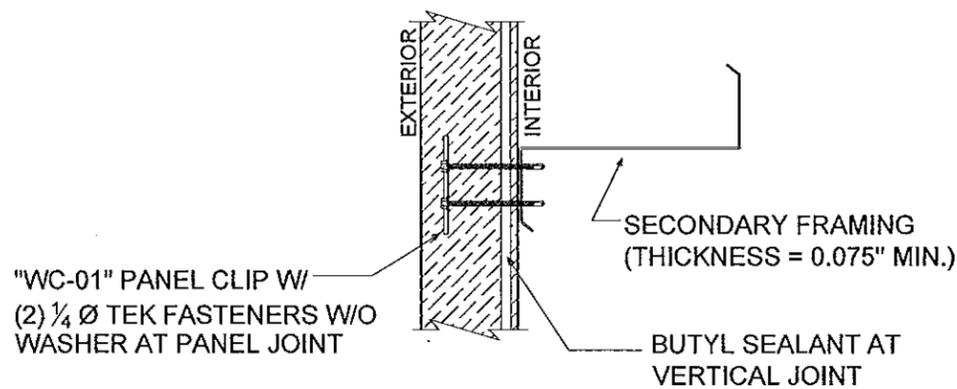


FLUSH / FINISH FLOOR BASE (SECTION VIEW)

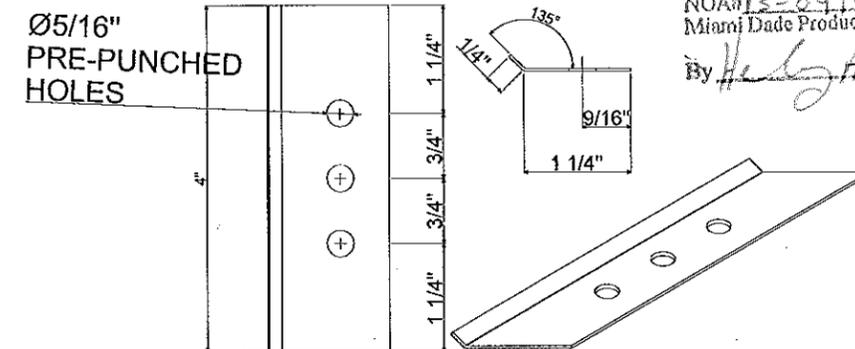


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Miami Dade Product Control

By *Handwritten Signature*



INTERMEDIATE WALL SUPPORT (SECTION VIEW)



WC-01 WALL CLIP 16 GA. GALVANIZED STEEL

DATE: 12/09/13	SHEET: 2 of 3
DRAWN BY: BCN	SCALE: NTS
PROJECT: DM40, HE40, HE40A, FL40, ST40 WALL PANELS	MD-001
908 ALDRIDGE ROAD VACAVILLE, CA 95688 PHONE: (707) 359-2280 FAX: (707) 359-2286 WWW.AWIPANELS.COM	MANUFACTURER: AWIP ALL WEATHER INSULATED PANELS A Viewast Company
CONSULTANT: J. WALTER LEWIS, P.E. 13808 VILLAGE CREEK DRIVE FORT MYERS, FL 33908 PHONE: 239-481-6123 FAX: 239-481-6124	FLORIDA ENGINEERING SEAL
REV.	DATE
3	02/03/14
2	12/09/13
BY	

