



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
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/building

NOTICE OF ACCEPTANCE (NOA)

NCI Group, Inc.
14031 West Hardy
Houston, TX 77060

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 PERA-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. PERA 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: "Eco-Ficient" Structural Insulated Wall Panel System

APPROVAL DOCUMENT: Drawing No. 100111, titled "Eco-Ficient Wall Panels", sheets 1 through 5 of 5, prepared by NCI Group, Inc. dated March 01, 2012, signed and sealed by Mark Detwiler, P.E., on March 01, 2012, 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, 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 consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
03/15/2012

NOA No. 11-1013.26
Expiration Date: 03/15/2017
Approval Date: 03/15/2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 100111, titled " Eco-Ficient Wall Panels ", sheets 1 through 5 of 5, prepared by NCI Group, Inc. dated March 01, 2012, signed and sealed by Mark Detwiler, P.E., on March 01, 2012.*

B. TESTS

1. *Test report on Large Missile Impact Test and Cyclic Wind Pressure Test on Insulated Panel Systems, prepared by Farabaugh Engineering and Testing, Inc., Report No. T231-11A, dated 07/14/11, and signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Test report on Uniform Static Air Pressure Test on Insulated Panel Systems, prepared by Farabaugh Engineering and Testing, Inc., Report No. T161-11, dated 03/25/11, signed by Patrick J. Farabaugh, P.E. and signed and sealed by Daniel G. Farabaugh, P.E., on 07/19/11.*

C. CALCULATIONS

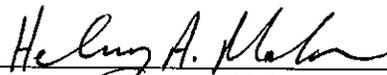
1. *Calculations titled "Eco-Ficient Wall Panels 26 ga. / 26 ga.", 4 pages, prepared by Mark Detwiler, P.E., on October 04, 2011, signed and sealed by Mark Detwiler, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of permitting, environment, and Regulatory Affairs.*

E. MATERIAL CERTIFICATIONS

1. *Tensile Test Report No. T161-11 and T231-11, prepared by Farabaugh Engineering and Testing, Inc., dated 02/21/12, signed and sealed by Daniel G. Farabaugh, P.E.*



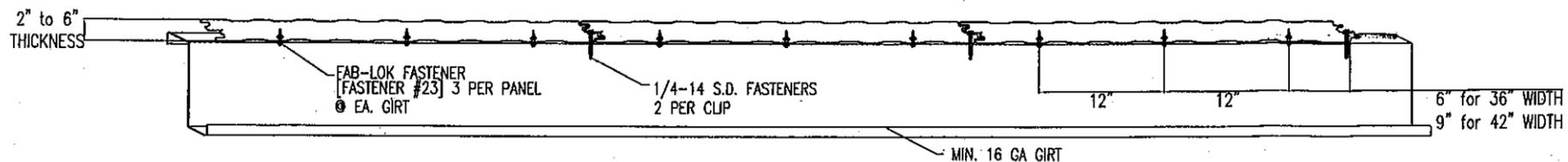
Helmy A. Makar, P.E., M.S.

PERA, Product Control Unit Supervisor

NOA No. 11-1013.26

Expiration Date: 03/15/2017

Approval Date: 03/15/2012



NOTES:

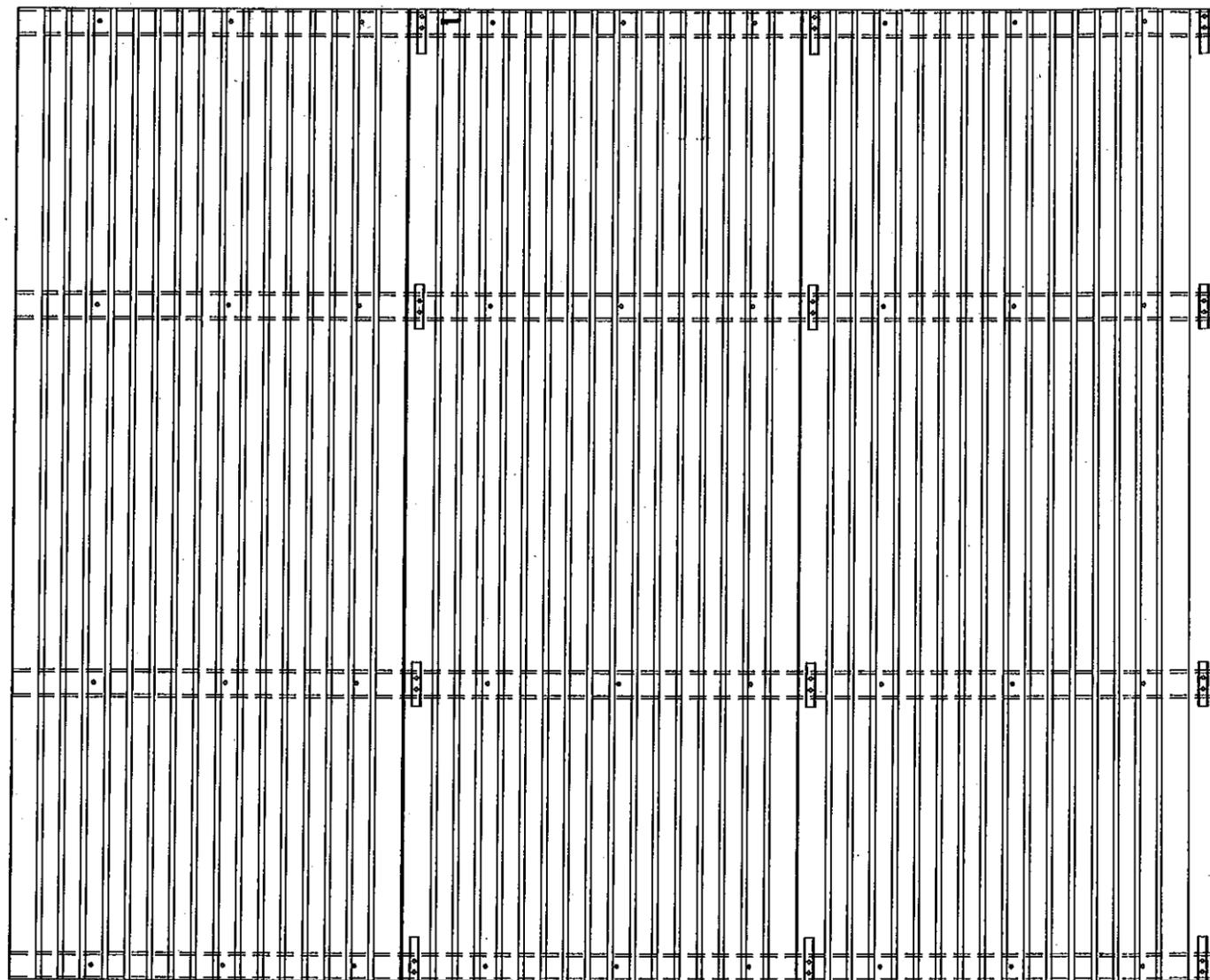
1. THE MIN. 26/26 GAUGE ECO-FICIENT PANELS SHALL BE USED FOR WALL CONSTRUCTION IN ACCORDANCE WITH THESE DETAILS.

- A. DETAILS OF ALL PANEL MATERIAL CHARACTERISTICS AND SECTIONS WITH DIMENSIONS AND THICKNESS
- B. ASSEMBLY DETAILS INCLUDING ALL CONNECTIONS FASTENERS DIAGRAM WITH SIZE AND LOCATION.

2. THE MAXIMUM ALLOWABLE SPANS AND PRESSURES FOR THE 26 GAGE STEEL FOR PANEL ARE AS FOLLOWS:

WALL PANEL ALLOWABLE SPANS VS. PRESSURES TABLE

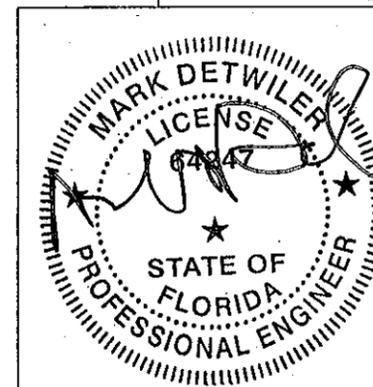
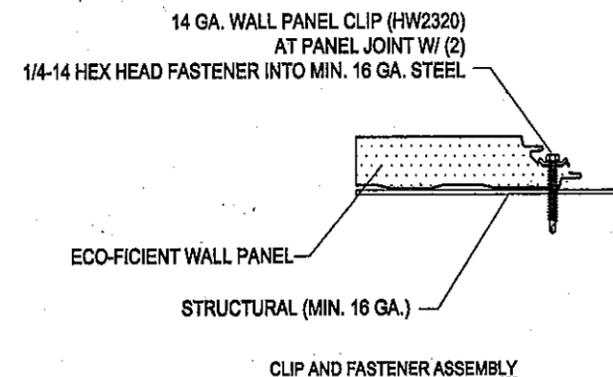
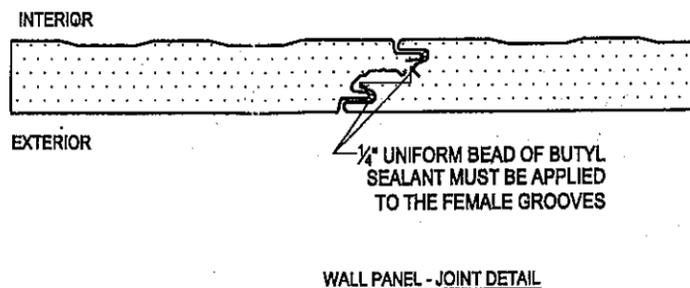
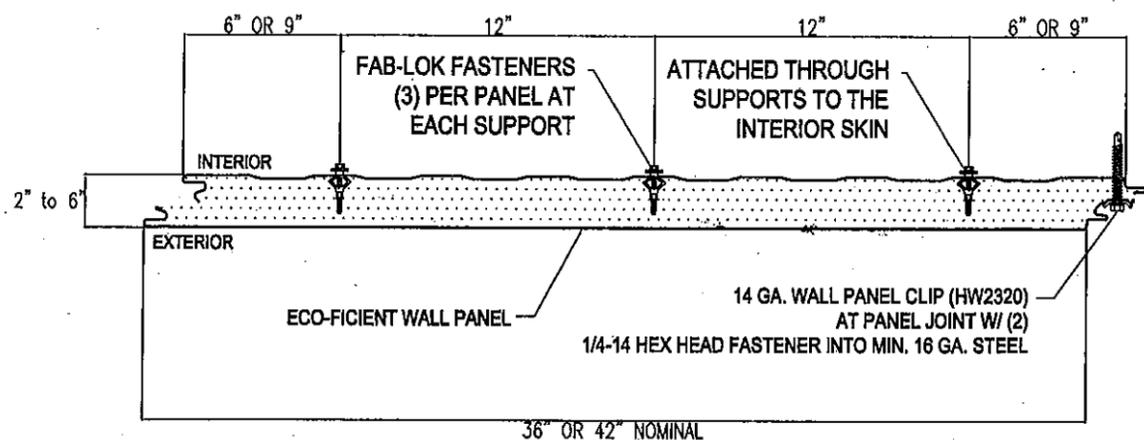
WALL PANEL SPANS (ft.)	POSITIVE PRESSURE (PSF)	NEGATIVE PRESSURE (PSF)
10'-0"	30.00	30.00
9'-6"	33.50	32.50
9'-0"	37.00	35.00
8'-6"	40.50	37.50
8'-0"	44.00	40.00
7'-6"	47.50	42.50
7'-0"	51.00	45.00
6'-6"	54.50	47.50
6'-0"	58.00	50.00
5'-6"	61.50	52.50
5'-0"	65.00	55.00
4'-6"	68.50	57.50
4'-0"	72.00	60.00
3'-6"	75.50	62.50
3'-0"	80.00	65.80



THIS STRUCTURAL WALL PANEL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH 2007 AND 2010 FLORIDA BUILDING CODE (FBC). FOR USE WITH 2010 FBC, THE DESIGN PRESSURES AS DETERMINED FROM SECTION 1620 AND ASCE 7-10 MUST BE MULTIPLIED BY 0.6.

- 3. STEEL SUPPORTS MEMBERS SHALL BE 16 GA. (MIN.)
- 4. MAXIMUM DESIGN PRESSURE +80.00 PSF/-65.80 PSF (FOR 3'-0" O.C. GIRT SPACING OR LESS..)

Approved as complying with the Florida Building Code
 Date 03/15/2012
 NOA# 11-1013-26
 Miami Dade Product Control
 By *Helmy A. Alshar*



Scale: NOT TO SCALE

Drawn by: EH

Checked by: JA

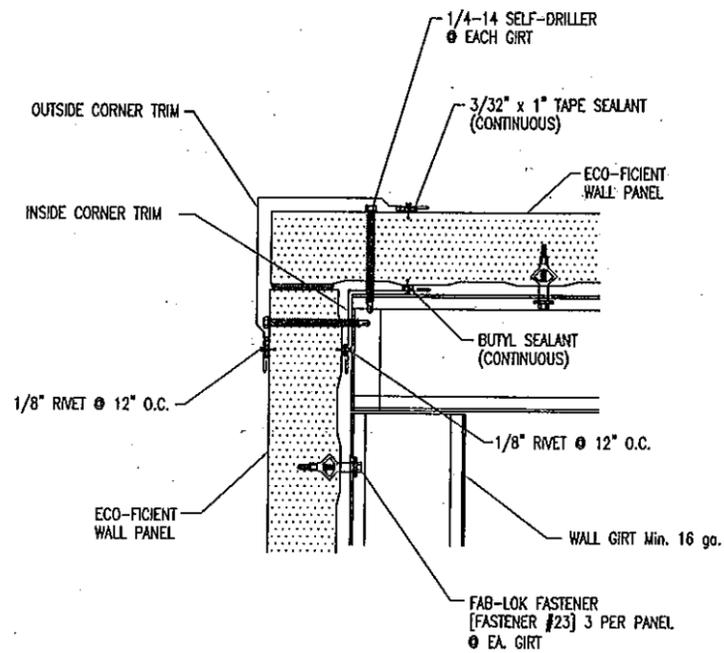
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Sheet Number: PAGE 1 OF 5

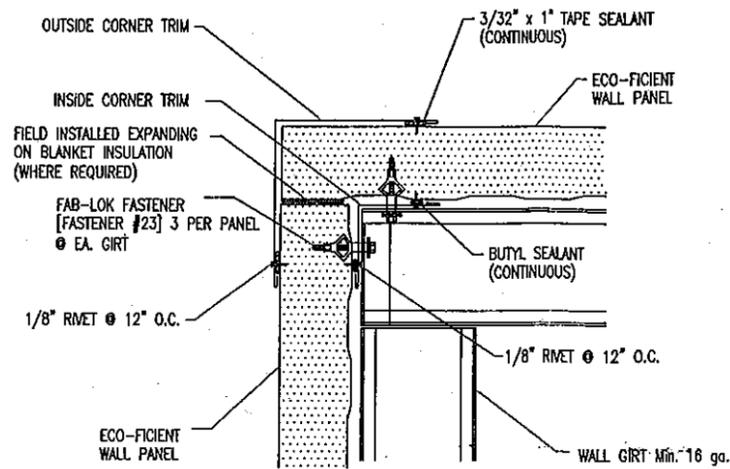
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Project Name and Location:
 MIAMI-DADE
 DADE COUNTY PRODUCT APPROVAL

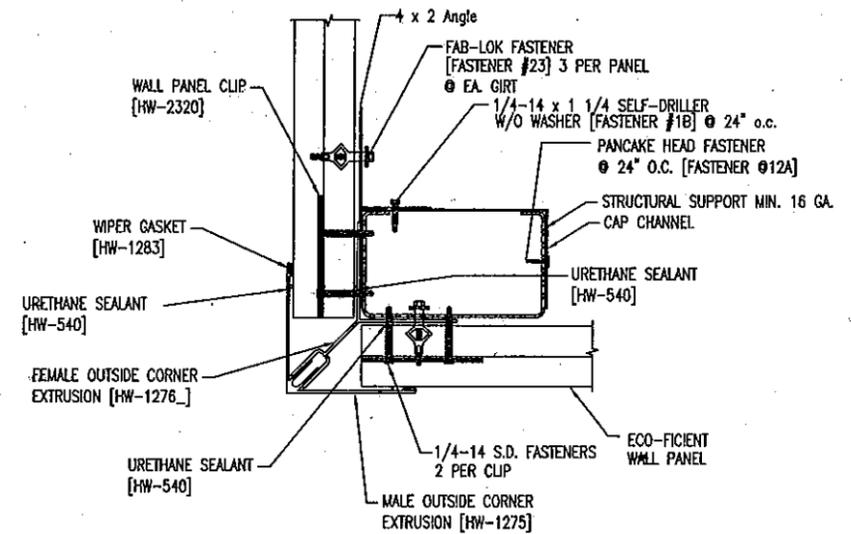
NCI GROUP, INC.
 CORPORATE OFFICES: 7301 FAIRVIEW DR. HOUSTON TX 77041 (800) 777-9378
 MAILING: P.O. BOX 40220 HOUSTON TX 77240-0220



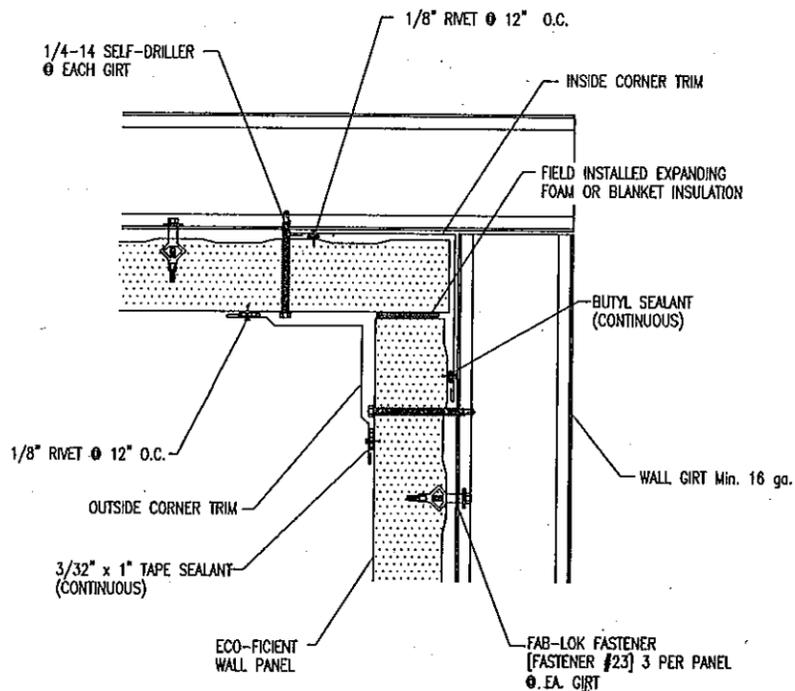
OUTSIDE CORNER-OFFSET TRIM



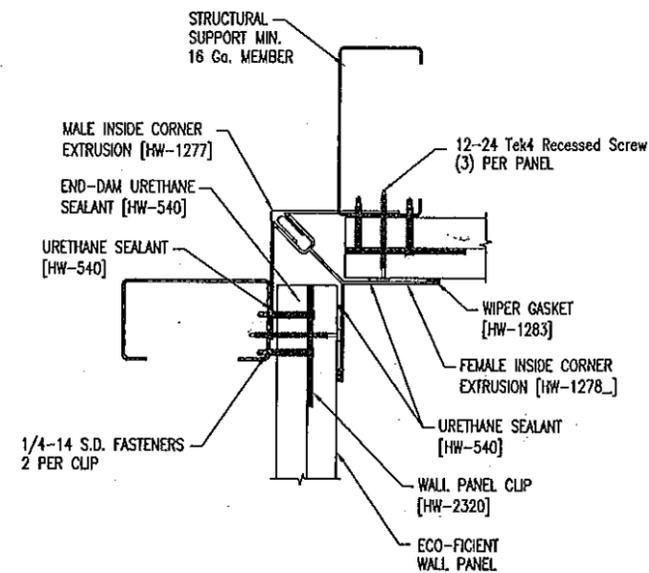
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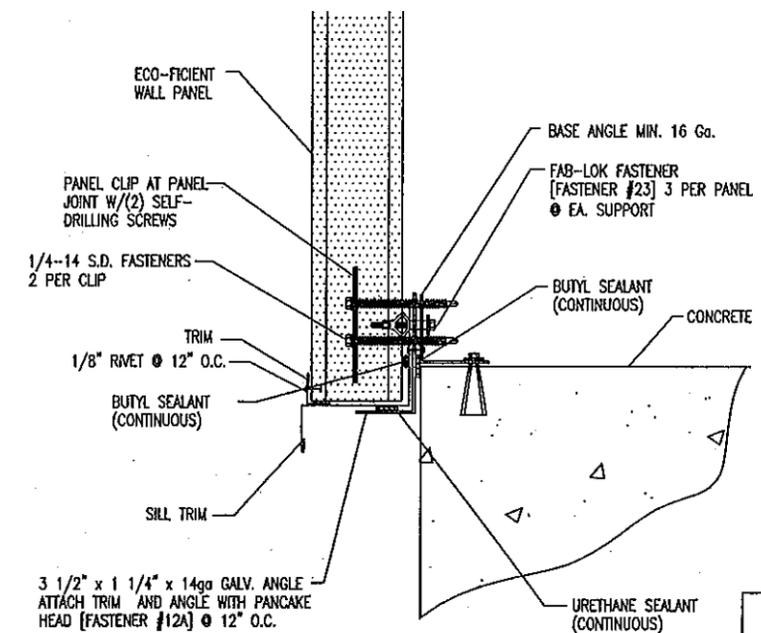
Outside Corner w/ Extrusion



INSIDE CORNER-OFFSET TRIM

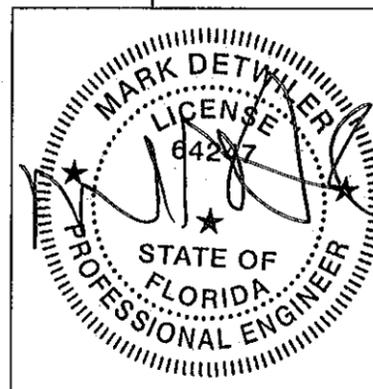


Inside Corner w/ Extrusion



BASE WITHOUT NOTCH

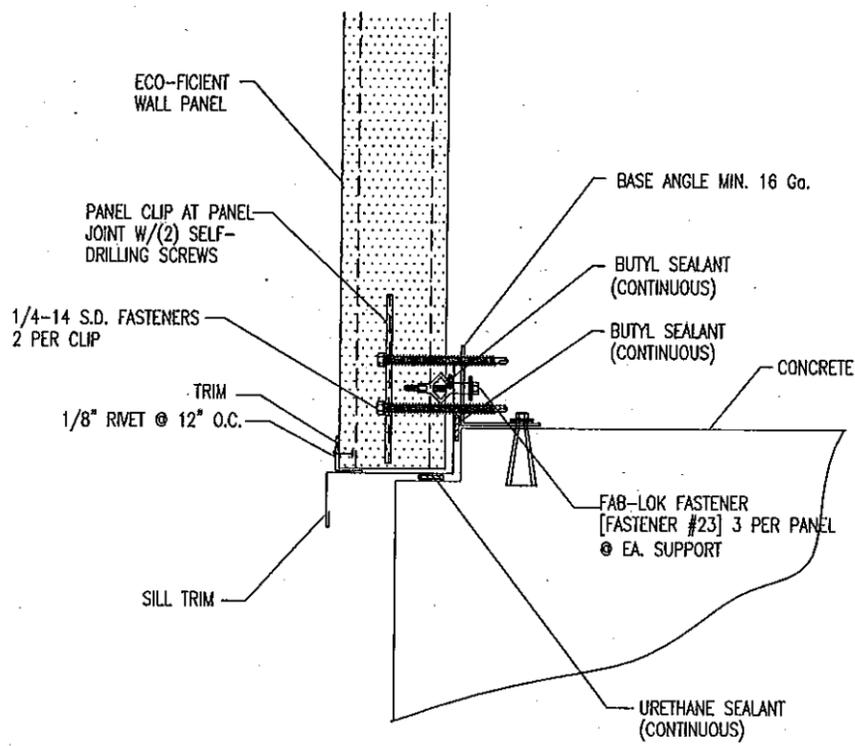
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 Florida Building Code
 Date 03/15/2012
 NOA# 11-1013.26
 Miami Dade Product Control
 By [Signature]



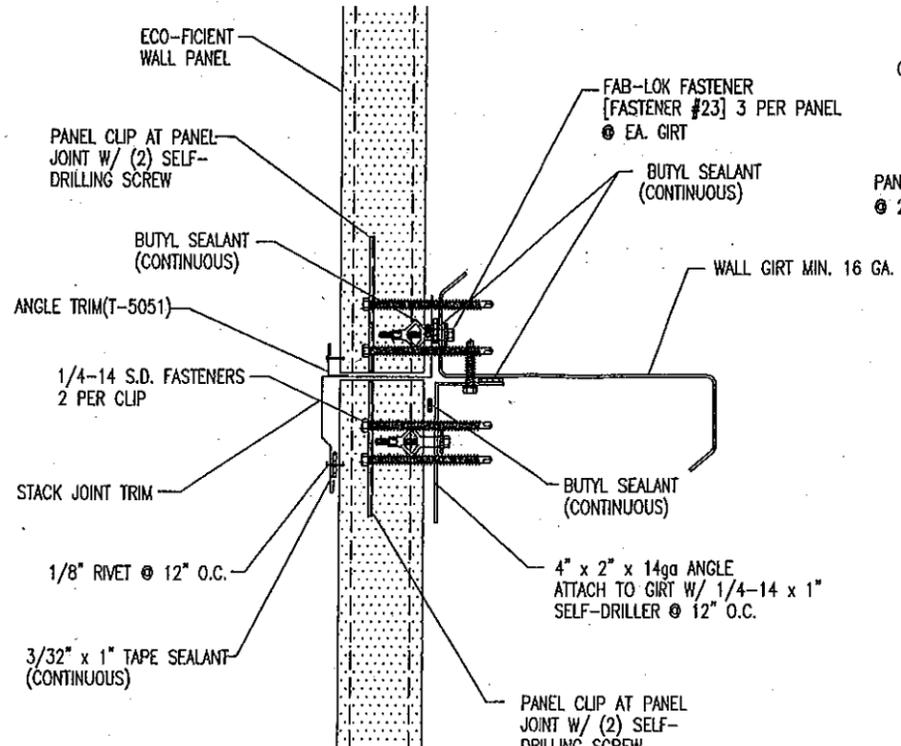
By	Description	Date	Revision

nci GROUP, INC.
 CORPORATE OFFICES: 7301 FAIRVIEW DR. HOUSTON TX 77041 (800) 777-9378
 MAILING: P.O. BOX 40820 HOUSTON TX 77240-0820
 PROJECT NAME AND LOCATION:
 DADE COUNTY PRODUCT APPROVAL
 DADE COUNTY, FLORIDA
 SHEET TITLE:
 ECO-FICIENT WALL PANELS
 MEANT-3/DAE

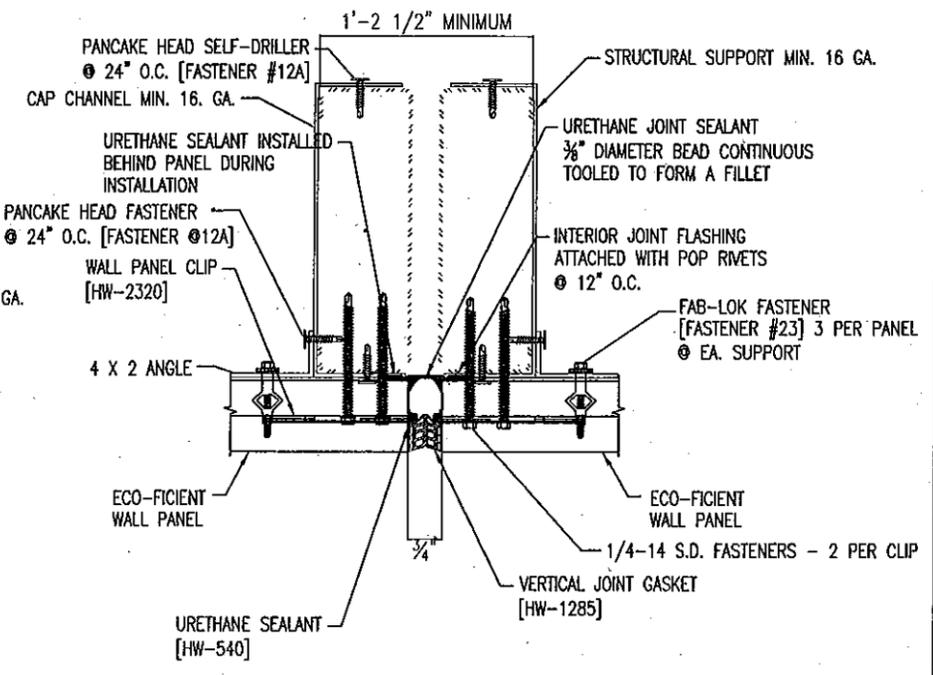
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 Drawn by: EH
 Checked by: JA
 Job Number: 100111
 Sheet Number: PAGE 2 OF 5
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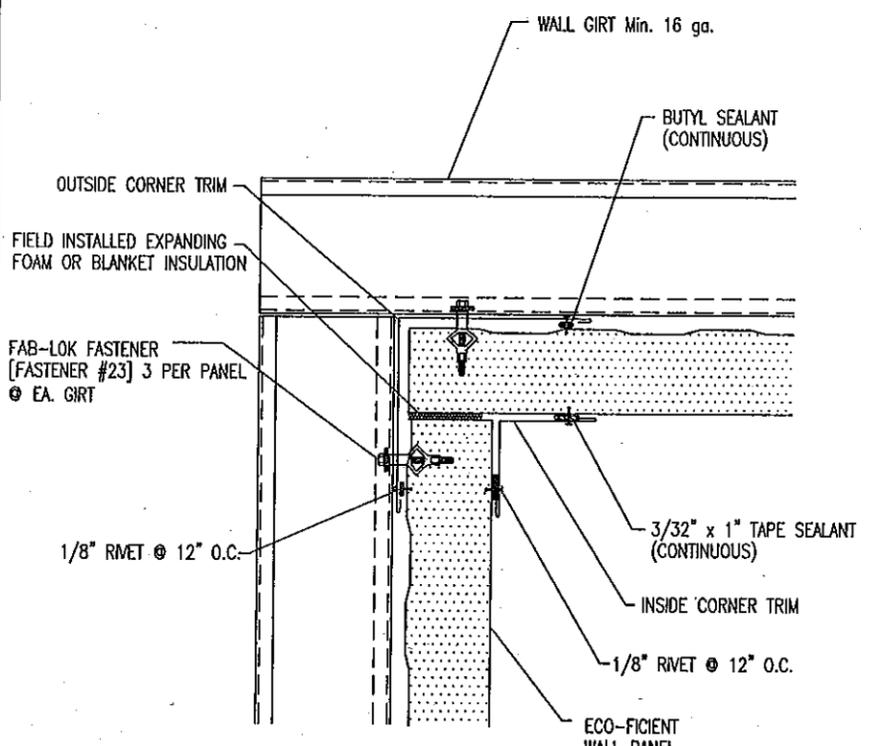
BASE WITH NOTCH



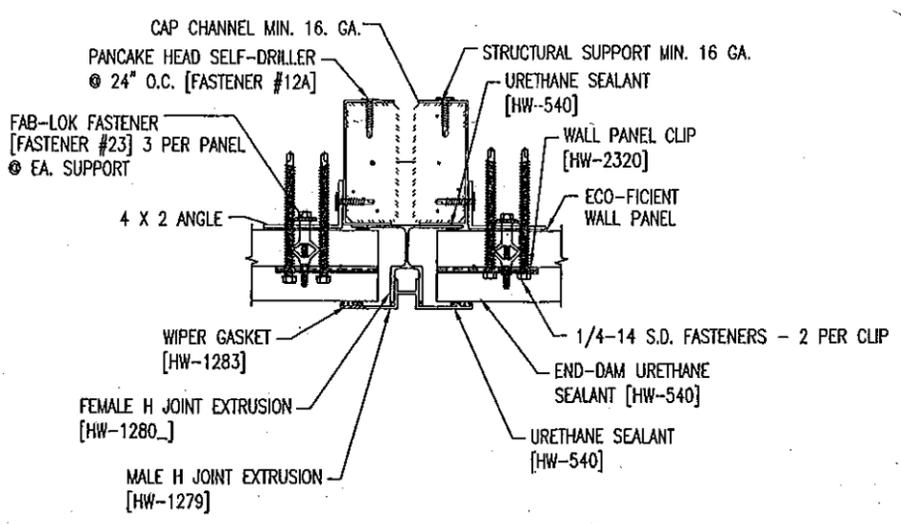
PANEL STACK



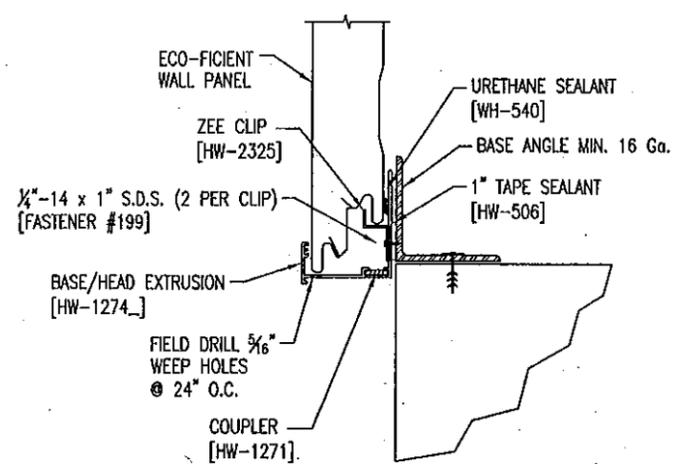
Butt Joint w/ Gasket



INSIDE CORNER-FLAT TRIM

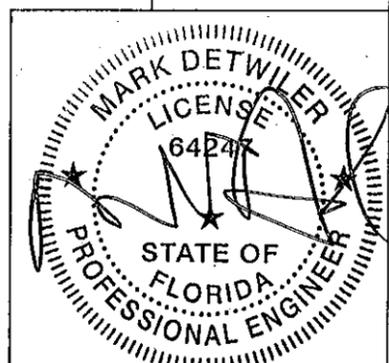


Butt Joint w/ Extrusion



Base w/ Extrusion

Approved as complying with the Florida Building Code
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 Miami Dade Product Control
 By *Heather A. Miller*



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 Checked by: JH
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 Sheet Number: PAGE 3 OF 5

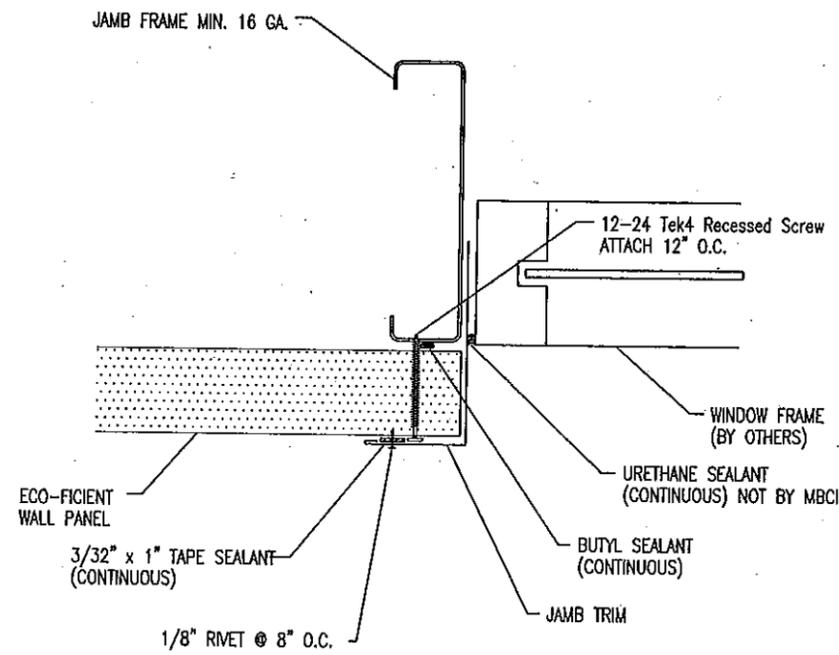
nci GROUP, INC.
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 MAILING: P.O. BOX 40220 HOUSTON TX 77240-0220

Project Name and Location:
 DADE COUNTY PRODUCT APPROVAL
 DADE COUNTY, FLORIDA

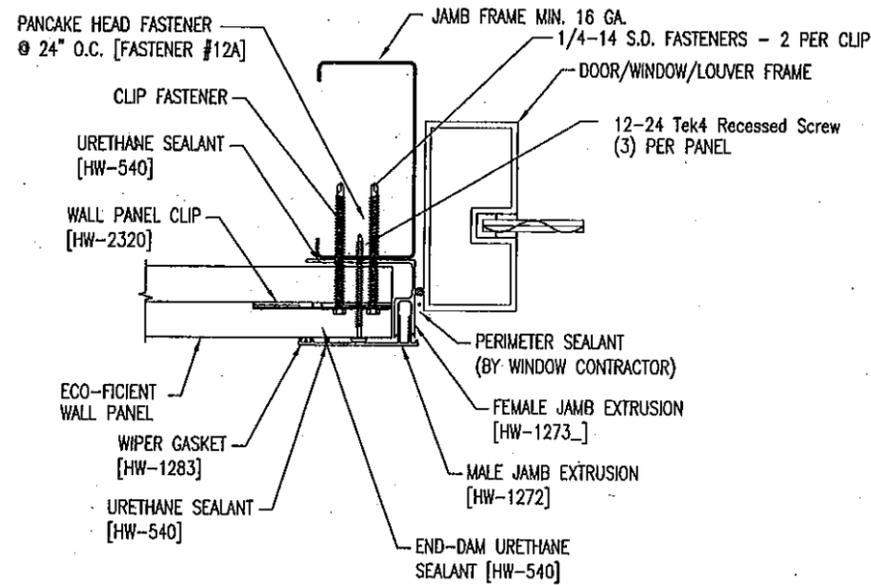
SHEET TITLE:
 ECO-FICIENT WALL PANELS
 MIAMI-DADE

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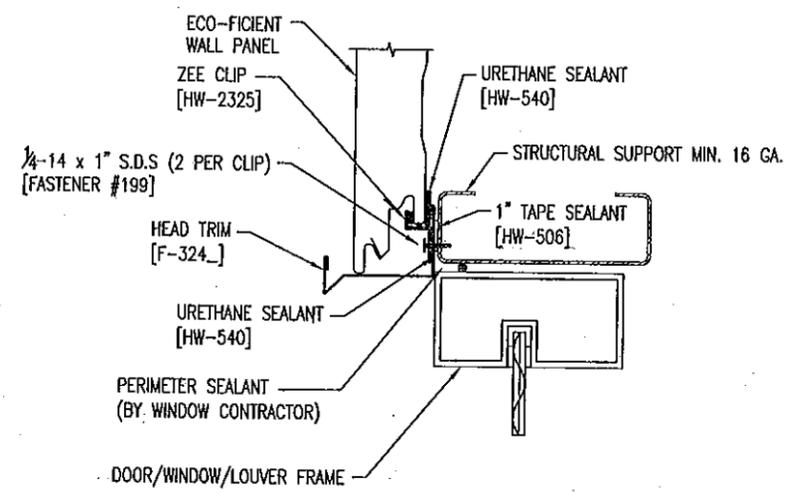
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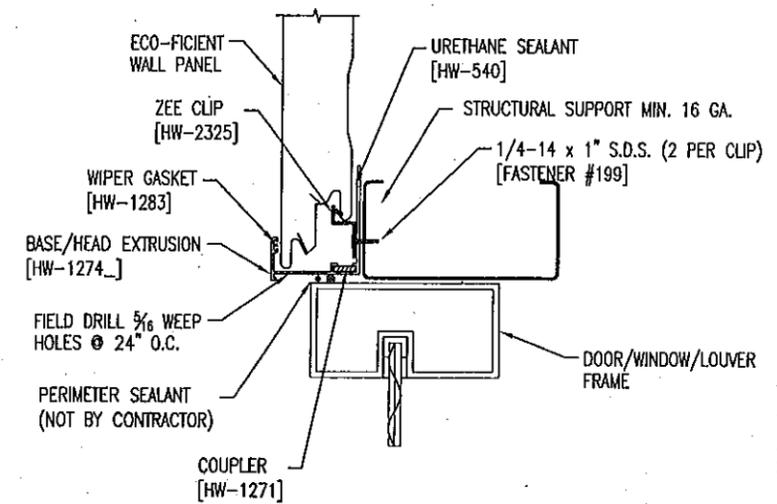
FRAMED OPENING-JAMB-FLAT TRIM



Jamb w/ Extrusion



Head Detail w/ Trim



Head Detail w/ Extrusion

Approved as complying with the Florida Building Code
 Date 03/15/2012
 NOA# 11-1013.26
 Miami Dade Product Control
 By *[Signature]*

By	Cl'd
Description	
Date	
Revision	

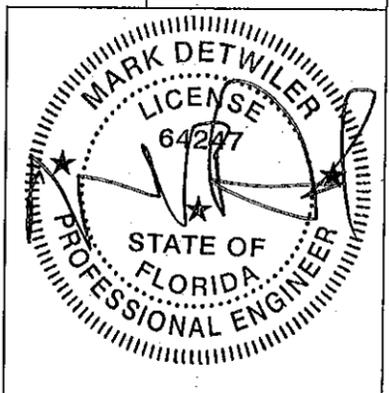
NCI GROUP, INC.
 CORPORATE OFFICES: 7301 FAIRVIEW DR. HOUSTON TX 77041 (800) 777-9378
 MAILING: P.O. BOX 40220 HOUSTON TX 77240-0220

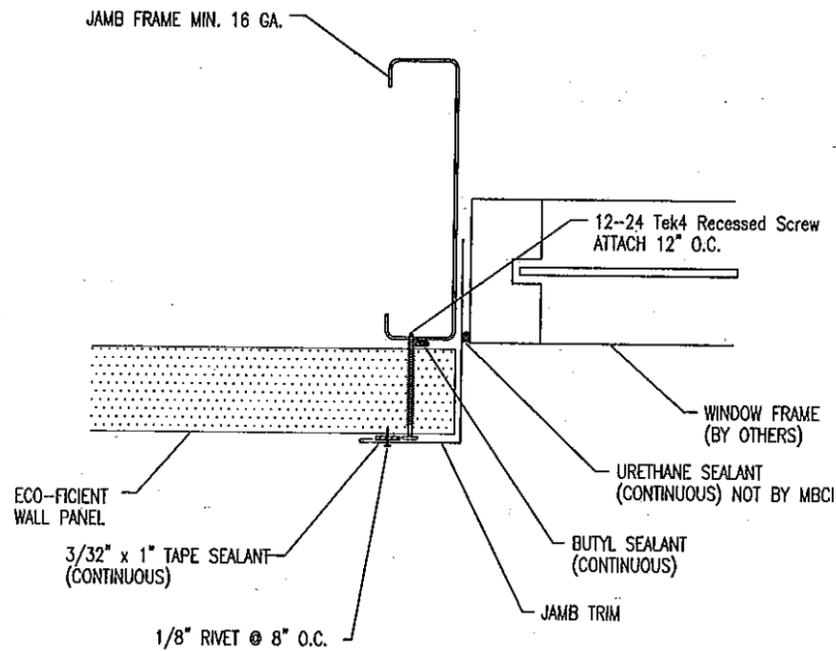
Project Name and Location:
 DATE COUNTY PRODUCT APPROVAL
 DATE COUNTY, FLORIDA

SHEET TITLE:
 ECO-FICIENT WALL PANELS
 MIAMI-DADE

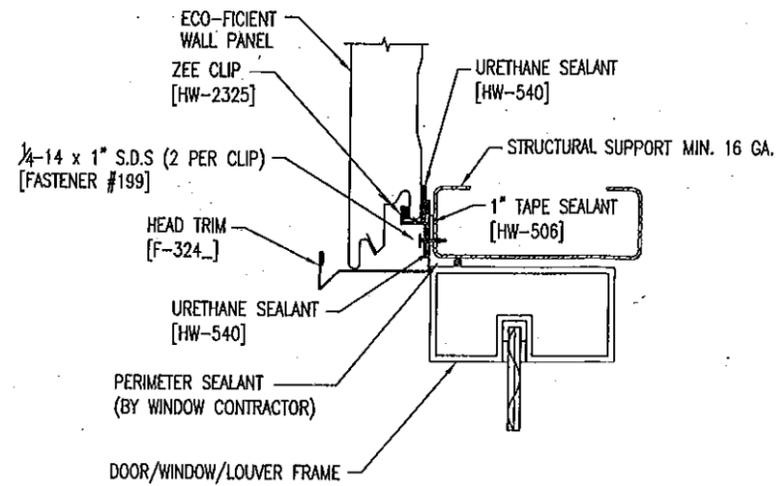
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 Checked by: JA
 Job Number: 100111
 Sheet Number: PAGE 4 OF 5

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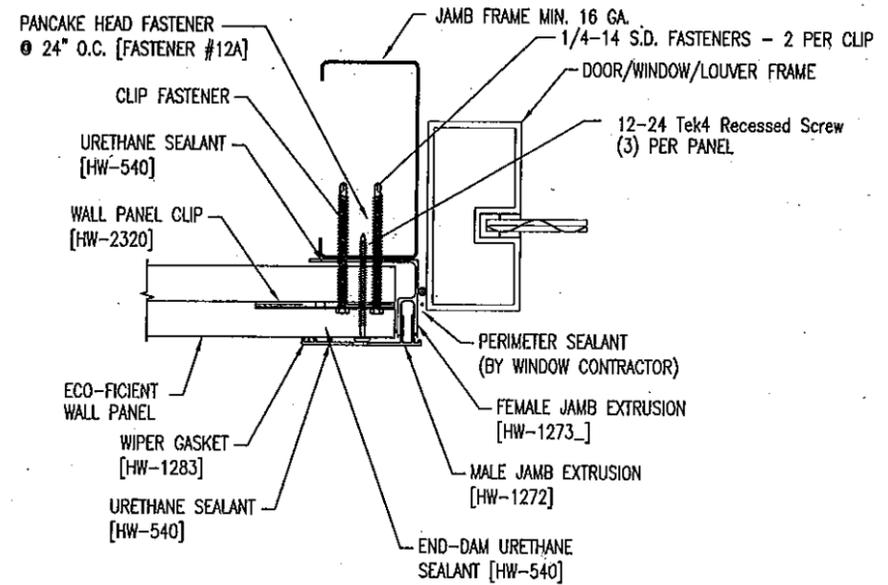




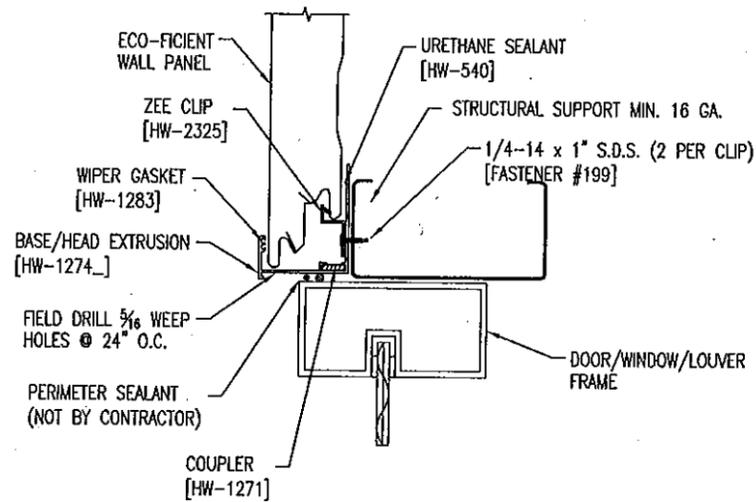
FRAMED OPENING-JAMB-FLAT TRIM



Head Detail w/ Trim

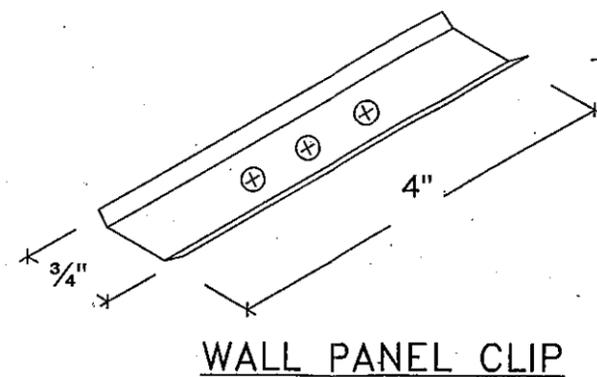


Jamb w/ Extrusion



Head Detail w/ Extrusion

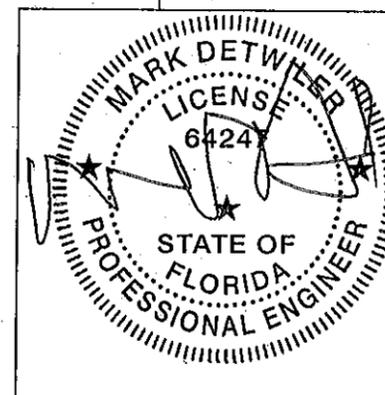
PANEL PROPERTIES							
PANEL GAUGE	PANEL THICKNESS	YIELD STRENGTH	TENSILE STRENGTH	ELONGATION	HARDNESS	STEEL COATING	PAINT COATINGS
26	.019 MIN.	50 KSI	55-70 KSI	17-36%	50-65 HRB	AZ 55	SIG 300 KYNAR



14 GA. MATERIAL

WALL PANEL CLIP

Approved as complying with the Florida Building Code
 Date 03/15/2012
 NOA# 11-1613-26
 Miami Dade Product Control
 By *Mark Detweiler*



Cr'd	By	Description	Date	Revision

ncj GROUP, INC.
 CORPORATE OFFICES: 17301 FAIRVIEW DR. HOUSTON TX 77041 (800) 777-9378
 MAILING: P.O. BOX 40220 HOUSTON TX 77240-0220
 PROJECT NAME AND LOCATION: DAYE COUNTY PRODUCT APPROVAL DAYE COUNTY, FLORIDA
 SHEET TITLE: ECO-FICIENT WALL PANELS MIAMI-DATE

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 Checked by: JA
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