



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.miamidade.gov

NOTICE OF ACCEPTANCE (NOA)

Metal Building Components, 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 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: 0.024" (min.) Structural Galvalume Steel Wall Panel

APPROVAL DOCUMENT: Drawing No. R-001, titled "R-Panel Wall Details", sheets 1 through 3 of 3, prepared by Metal Building Components, Inc., dated July 01, 2007, signed and sealed by Mark Detwiler, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the 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 **renews NOA # 06-0612.01** 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
 10/11/2007

NOA No. 07-0717.06
Expiration Date: 10/08/2012
Approval Date: 10/11/2007
Page 1



Metal Building Components, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #98-0610.03

A. DRAWINGS

1. *Drawing No. R, titled "R-Panel Wall Details", prepared by Terrence E. Wolfe, P.E., dated September 10, 1998, sheets 1, 2, and 3, signed and sealed by Terrence E. Wolfe, P.E.*

B. TESTS

1. *Test report on Large Missile Impact Test and Cyclic Wind Pressure Test on R-Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T147-97, dated 08/25/97, signed by Patrick J. Farabaugh, P.E., and signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Test report on Uniform Static Air Pressure Test on R-Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T149-97, dated 08/29/97, signed by Patrick J. Farabaugh, P.E. and signed and sealed by Daniel G. Farabaugh, P.E.*

C. CALCULATIONS

1. *Calculations titled "R-Panel - 24 ga.", pages 1 through 2 of 2, prepared by Terrence E. Wolfe, P.E., signed and sealed by Terrence E. Wolfe, P.E.*

D. MATERIAL CERTIFICATIONS

1. *Spec. Data issued by Bethlehem Steel Corporation, dated May 1994, with chemical composition and mechanical properties of galvalume Sheet Steel.*
2. *Tensile Test File No. WP-9048 Report No 050, prepared by West Penn Testing Laboratories, Inc., dated 09/16/97, signed and sealed by Daniel G. Farabaugh, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 01-0417.12

A. DRAWINGS

1. *None.*

B. TESTS

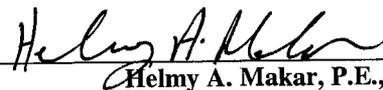
1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 07-0717.06
Expiration Date: 10/08/2012
Approval Date: 10/11/2007

Metal Building Components, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #06-0612.01

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. R-001, titled " R-Panel Wall Details ", sheets 1 through 3 of 3, prepared by Metal Building Components, Inc., dated July 01, 2007, signed and sealed by Mark Detwiler, P.E.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test on R-Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T216-07, dated 06/15/2007, signed by Patrick J. Farabaugh, P.E., and signed and sealed by Daniel G. Farabaugh, P.E.*

C. CALCULATIONS

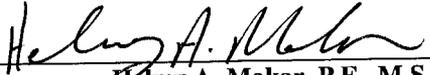
1. *Calculations titled "R-Panel Wall – 24 ga.", 1 page, prepared by Mark Detwiler, P.E., signed and sealed by Mark Detwiler, P.E.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *Tensile Test Data issued by West Penn Material Evaluation, dated May 30, 2007, with mechanical properties of galvalume Sheet Steel.*

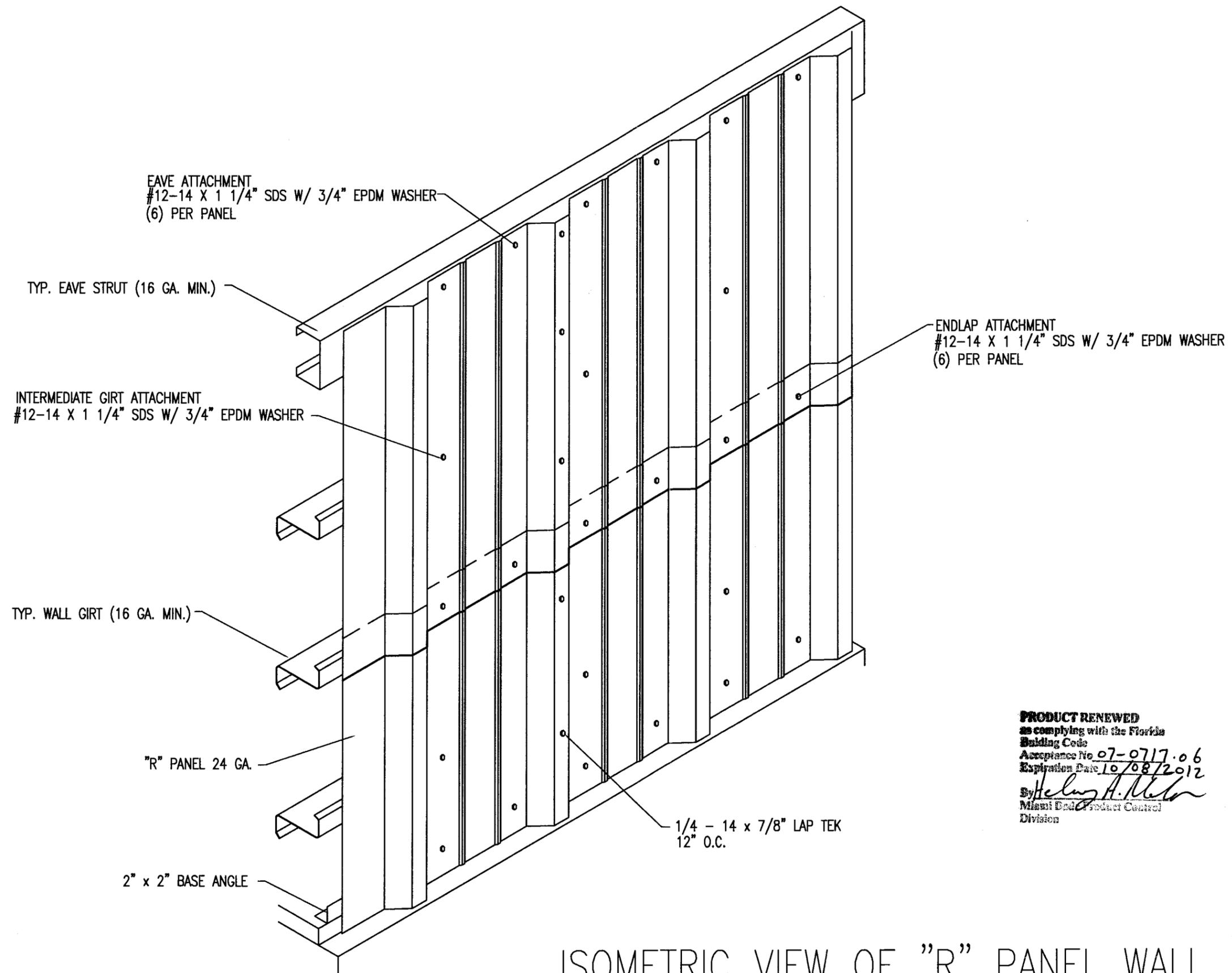


Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 07-0717.06
Expiration Date: 10/08/2012
Approval Date: 10/11/2007



14031 WEST HARDY
HOUSTON, TEXAS 77060
281/445-8555

REL. BY:	DESCRIPTION:	DATE:	SCALE:	CHECK:
		7/1/07	TS	JALLEN
DRAWN: JALLEN				

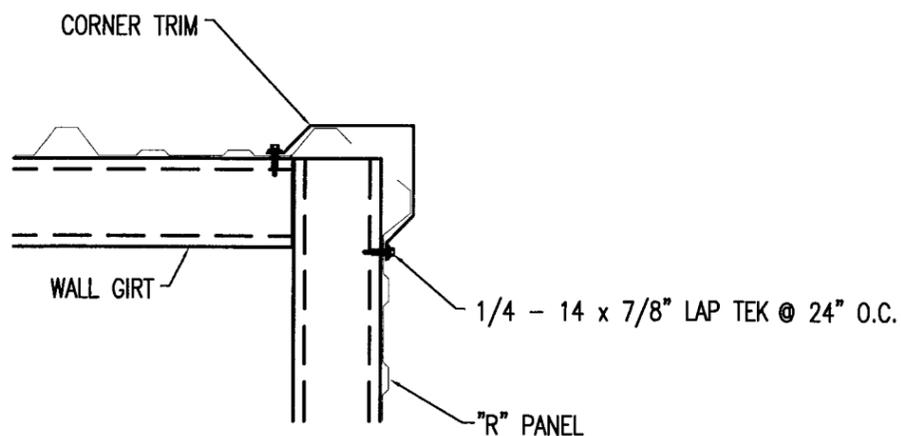


PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0717.06
Expiration Date 10/08/2012
By *Helene H. Nelson*
Miami Dade Product Control
Division

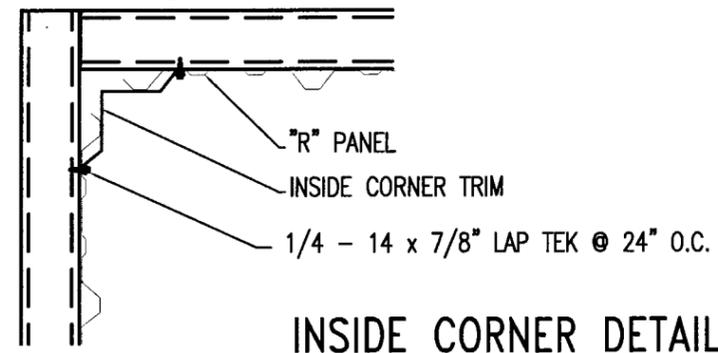
Document # R-001
Dade County Approvals
"R" PANEL

[Signature]
7-13-07

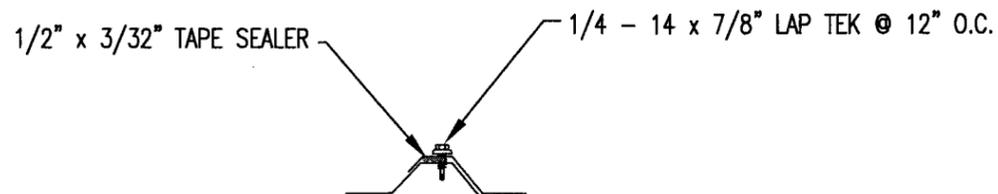
ISOMETRIC VIEW OF "R" PANEL WALL



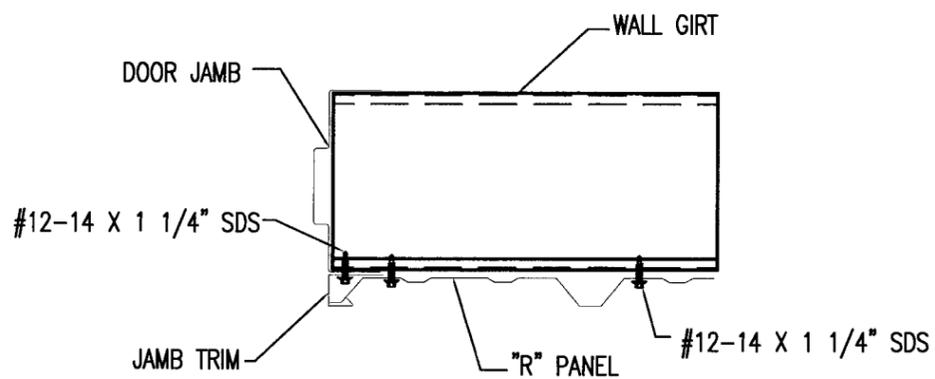
OUTSIDE CORNER DETAIL



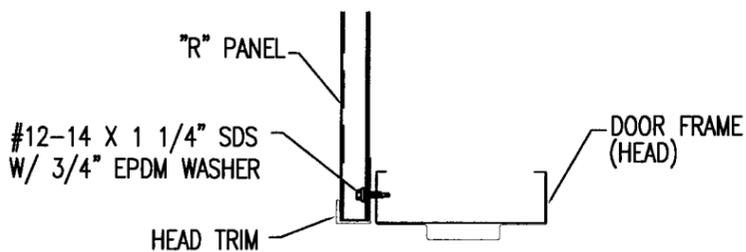
INSIDE CORNER DETAIL



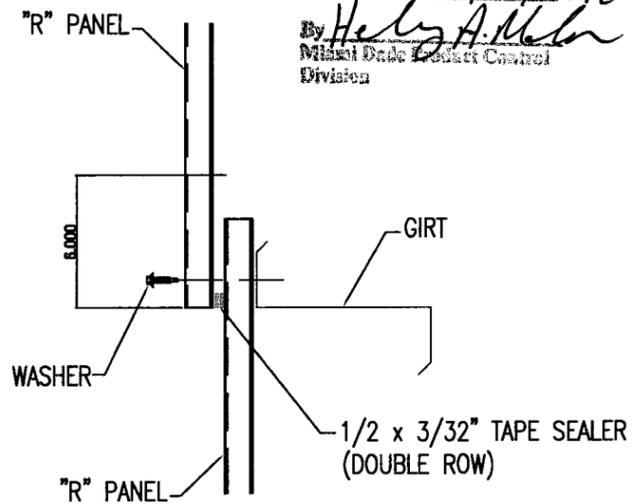
SIDE LAP DETAIL



JAMB DETAIL

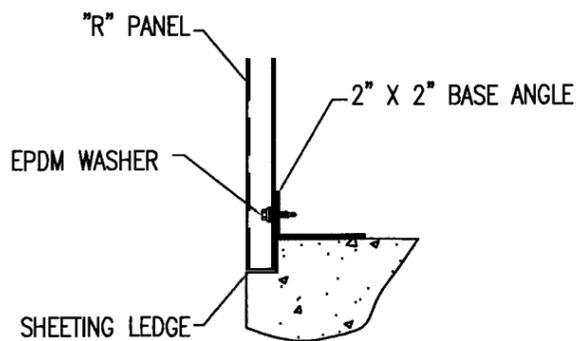


HEAD DETAIL



END LAP DETAIL

#12-14 X 1 1/4" SDS W/ 3/4" EPDM WASHER
(6) PER PANEL



BASE DETAIL

#12-14 X 1 1/4" SDS W/ 3/4" EPDM WASHER
(6) PER PANEL

PRODUCT RENEWED
as complying with the Florida
Building Code
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Expiration Date 10/08/2012
By *Healy A. Melon*
Miami Dade Product Control
Division

14031 WEST HARDY
HOUSTON, TEXAS 77060
281/445-8555

REVISION:	DATE:	DESCRIPTION:	SCALE:	CHECK:
	7/11/07		TS	JALLEN

Document # R-001
Dade County Approvals
"R" PANEL

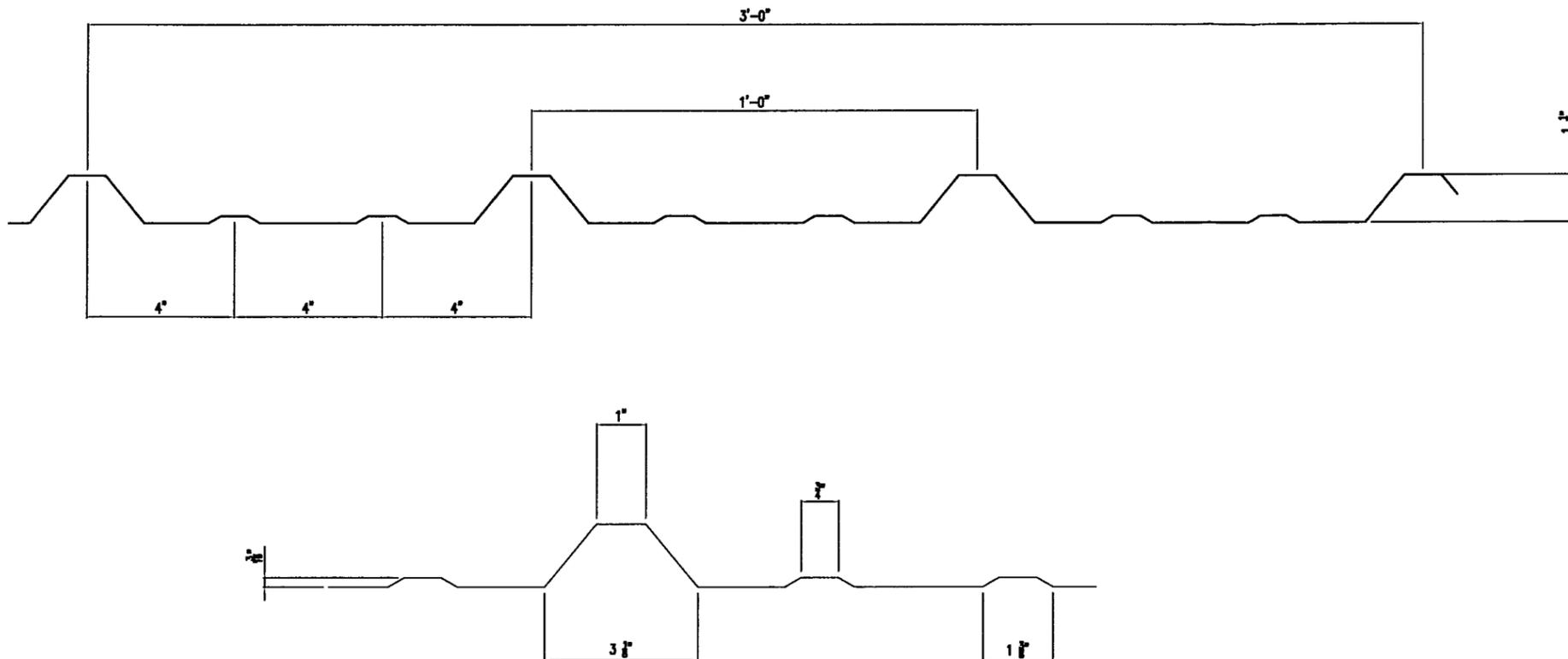
[Signature]
7-13-07

DRAWING NUMBER:
Page 2 of 3



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REL. BY:	DATE:	DESCRIPTION:	SCALE:	CHECK:
	7/1/07	TS		JALLEN



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0717-06
Expiration Date 10/08/2012
By *Helmut A. Mehn*
Miami Dade Product Control
Division

PANEL PROPERTIES

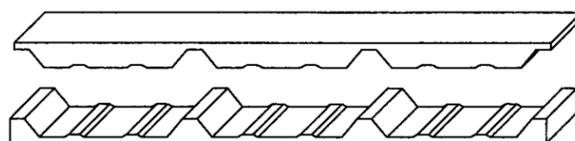
PANEL GAUGE	PANEL THICKNESS	YIELD STRENGTH	TENSILE STRENGTH	ELONGATION	HARDNESS	STEEL COATING	PAINT COATINGS
24	.024 MIN.	50 KSI	55-70 KSI	20-36%	50-65 HRB	AZ 55	KYNAR 500/SILICAN POLYESTER

PANEL ACCESSORIES

CONSTRUCTION FASTENERS INC.
SPRING STREET AND VAN REED ROAD
P.O. BOX 6326, WYOMISSING PA 19610

- #12-14 X 1 1/4 SDS W/ 3/4" EPDM WASHER
- #12-14 X 1 1/4 SDS W/ BOND SEAL 3/4" WASHER
- 1/4-14 X 7/8 LAP TEK W/BOND SEAL WASHER
- 1/4-14 X 7/8 LAP TEK W/EPDM WASHER

VG-7 INSIDE / OUTSIDE CLOSED CELL POLYETHYLENE FOAM



GULF-SEAL SPECIALTIES, INC.
P.O. BOX 508
SOUTH HOUSTON, TX 77587



SCHNEE-MOREHEAD, INC.
111 NORTH NURSERY ROAD
IRVING, TX 75060

PERMATHANE URETHANE CAULK

NOTES:

- THE 24 GAUGE R-PANEL SHALL BE USED FOR WALL CONSTRUCTION IN ACCORDANCE WITH THESE DETAILS.
 - DETAILS OF ALL PANEL MATERIAL CHARACTERISTICS AND SECTIONS WITH DIMENSIONS AND THICKNESS.
 - ASSEMBLY DETAILS INCLUDING ALL CONNECTION'S FASTENERS DIAGRAM WITH SIZE AND LOCATION.
- THE MAXIMUM ALLOWABLE SPANS AND PRESSURES FOR THE 24 GAUGE STEEL WALL PANEL SHALL BE BASED ON THE FOLLOWING ALLOWABLES.
 - MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL AT SUPPORTS
147.22 FT-LBS.
 - MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL BETWEEN SUPPORTS
82.80 FT-LBS.
 - EI VALUE OF PANEL
1,100,082 LBS-IN²
 - MAXIMUM ALLOWABLE DEFLECTION OF PANEL
L/240
 - MAXIMUM SUPPORT REACTION
294.44 LBS.
(FOR FASTENER SPACING SHOWN ON DRAWING PAGE 1 OF 3)

Document # R-001
Dade County Approvals
"R" PANEL

J. B. 07

DRAWING NUMBER:

Page 3 of 3