



**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](http://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, titled "R-Panel Wall Details", sheets 1, 2, and 3, prepared by Terrence E. Wolfe, P.E., dated September 10, 1998, signed and sealed by Terrence E. Wolfe, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and 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 # 01-0417.12 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*  
 10/26/2006

NOA No 06-0612.01  
 Expiration Date: 10/08/2007  
 Approval Date: 10/26/2006  
 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.  
Product Control Examiner  
NOA No 06-0612.01  
Expiration Date: 10/08/2007  
Approval Date: 10/26/2006

**Metal Building Components, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. NEW EVIDENCE SUBMITTED**

**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**

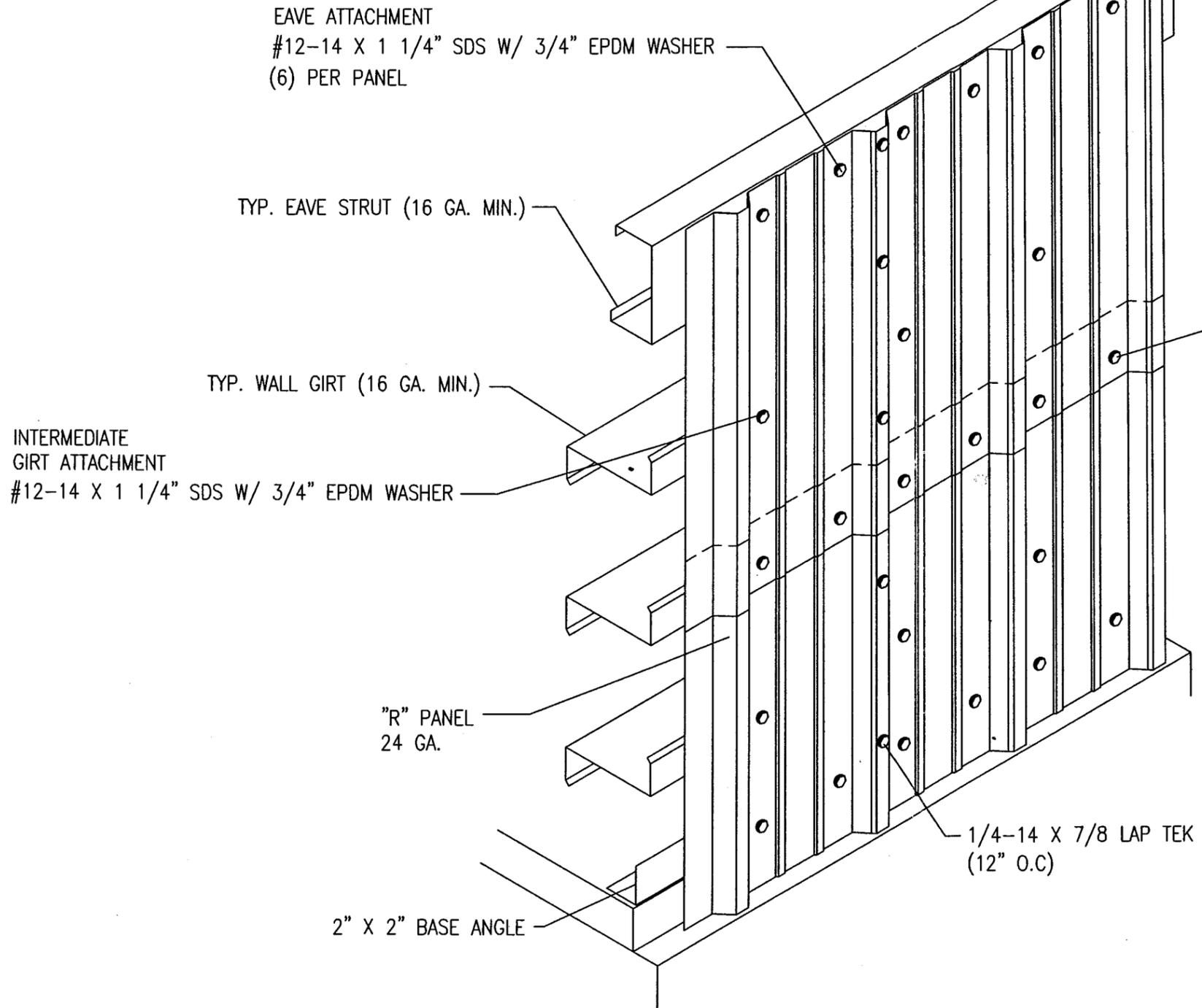
*1. None.*



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Helmy A. Makar, P. E.  
Product Control Examiner  
NOA No 06-0612.01  
Expiration Date: 10/08/2007  
Approval Date: 10/26/2006

# TYPICAL DETAILS FASTENER PATTERNS



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

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 06-0612.01  
Expiration Date 10/08/2007  
By *Helmut A. Mahr*  
Product Control Division

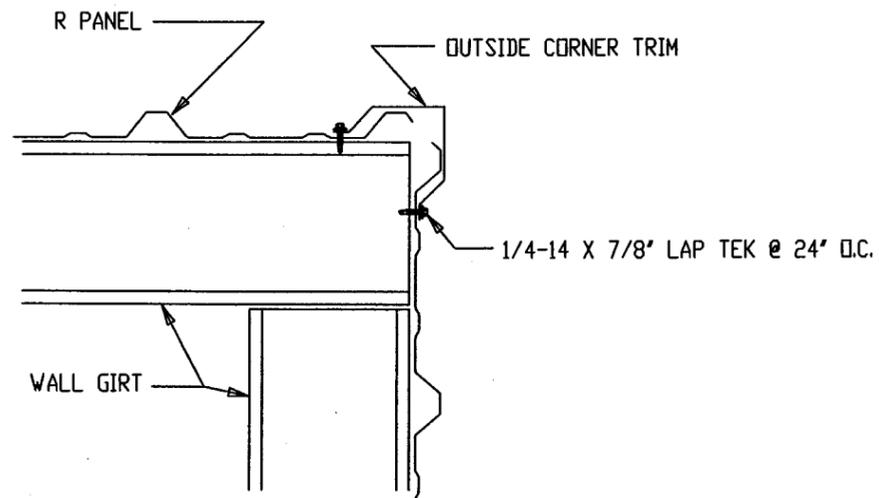
**PRODUCT RENEWED**  
ACCEPTANCE No. 01-0417.12  
EXPIRATION DATE 10/08/2006  
By *Helmut A. Mahr*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE *October 08 1998*  
BY *Helmut A. Mahr*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. *98-0610.03*

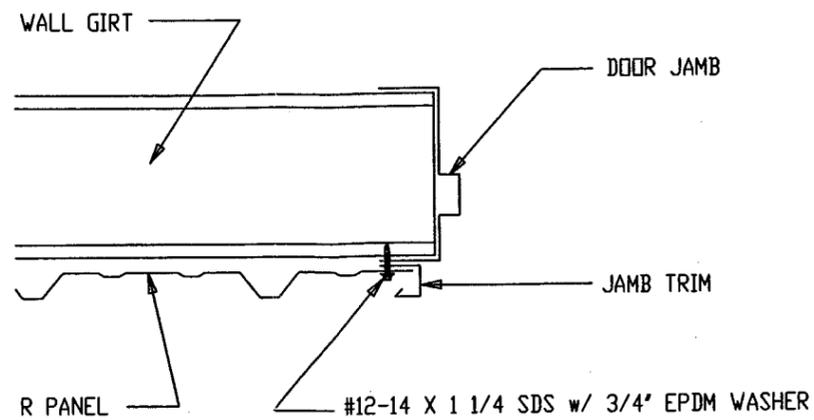
MANUFACTURING ENGINEER	TERRENCE E. WOLFE, P.E.		
FLORIDA REGISTRATION NO.	44923		
	14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8555		
PROJECT	DADE COUNTY PRODUCT APPROVAL	REL. BY	DATE
SHEET TITLE	R-PANEL WALL DETAILS	CHECKED BY	DATE 9-10-98
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	SHEET NUMBER 1

ISOMETRIC VIEW OF  
"R" PANEL WALL

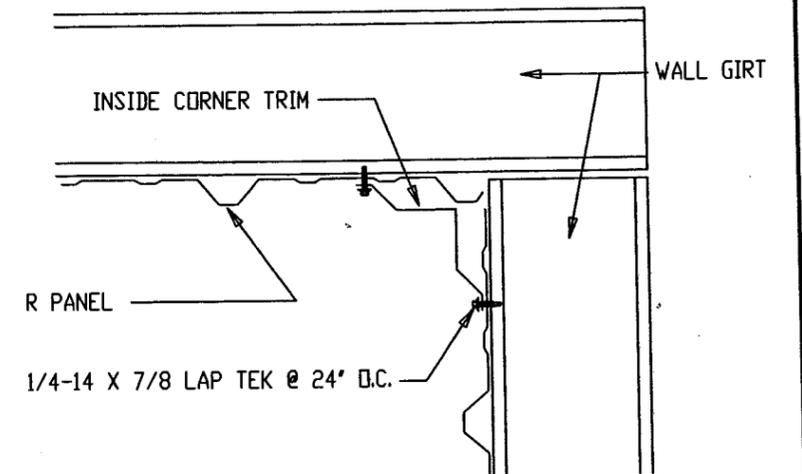
*Terrence Wolfe*  
9/10/98



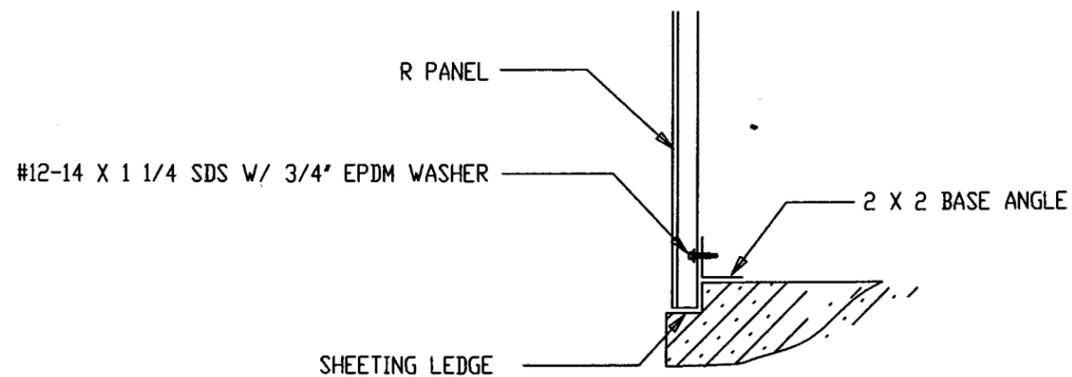
OUTSIDE CORNER DETAIL



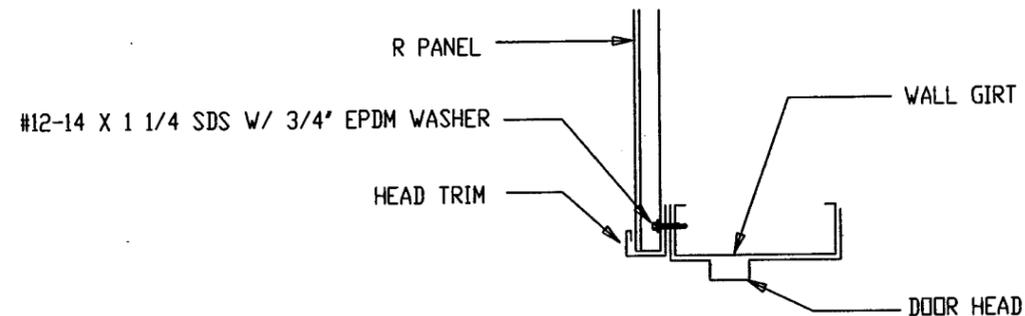
JAMB DETAIL



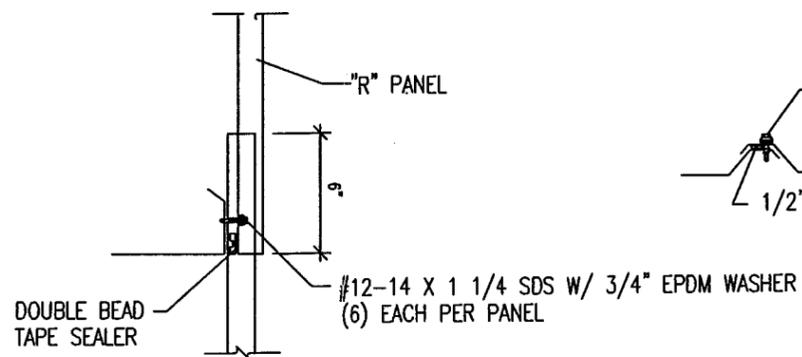
INSIDE CORNER DETAIL



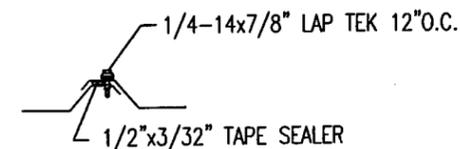
BASE DETAIL



HEAD DETAIL



LAP DETAIL



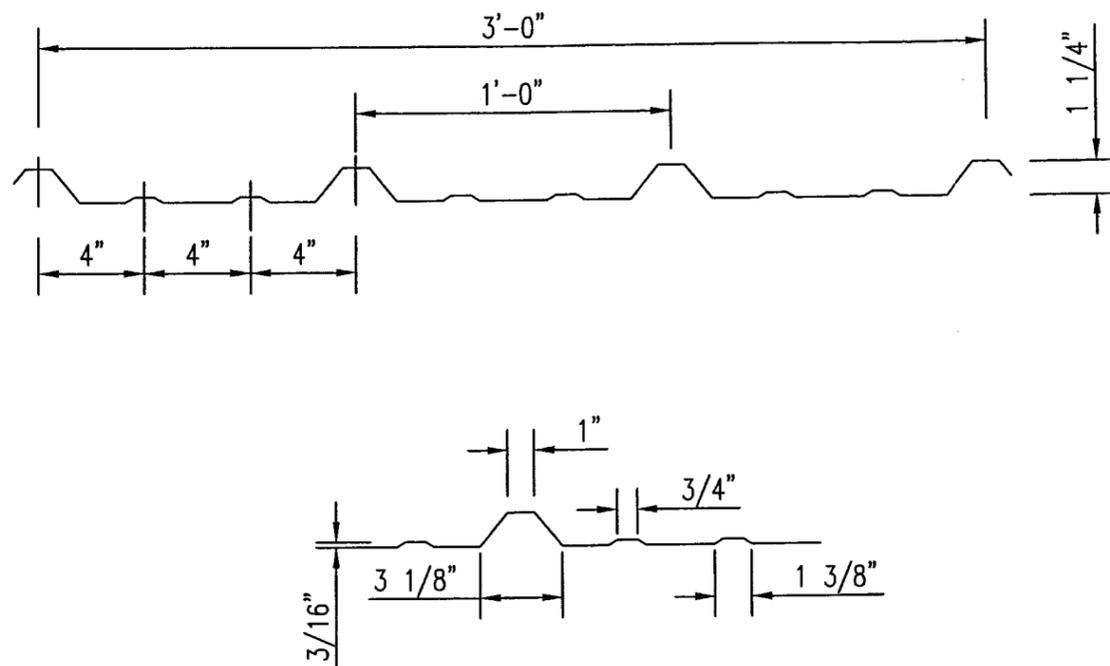
PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-0612-01  
 Expiration Date 10/08/2007  
 By Helmut A. Mator  
 Miami Code Product Control  
 Division

**PRODUCT RENEWED**  
 ACCEPTANCE No. 01-0417.12  
 EXPIRATION DATE 10/08/2006  
 By Helmut A. Mator  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE October 08, 1998  
 BY Helmut A. Mator  
 PRODUCT CONTROL DIV'S ON  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 98-0610-03

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE	
DATE <u>October 08, 1998</u>	
BY <u>Helmut A. Mator</u>	
PRODUCT CONTROL DIV'S ON	
BUILDING CODE COMPLIANCE OFFICE	
ACCEPTANCE NO. <u>98-0610-03</u>	
REVISIONS	TERRENCE E. WOLFE, P.E.
FLORIDA REGISTERED NO. 44823	
 14021 West Hardy Rd Houston, Texas 77060 Ph. (713)445-0525	
PROJECT	DADE COUNTY PRODUCT APPROVAL
SHEET NO.	R-PANEL WALL FLASHING DETAILS
DATE	9/10/98
LOCATION	DADE COUNTY, FLORIDA
REVISION	R
DATE	NTS
NO. OF SHEETS	2

*Terrence Wolfe*  
 9/10/98



**NOTES:**

1. THE 24 GAGE R-PANEL 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 CONNECTION'S FASTENERS DIAGRAM WITH SIZE AND LOCATION.
2. THE MAXIMUM ALLOWABLE SPANS AND PRESSURES FOR THE 24 GAGE STEEL WALL PANELS SHALL BE BASED ON THE FOLLOWING ALLOWABLES.
  - a. MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL AT SUPPORTS 156.25 FT-LBS.
  - b. MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL BETWEEN SUPPORTS 87.90 FT-LBS.
  - c. EI VALUE OF PANEL 1,606,930 LBS-IN<sup>2</sup>
  - d. MAXIMUM ALLOWABLE DEFLECTION OF PANEL L/240
  - e. MAXIMUM SUPPORT REACTION 312.50 LBS.  
(FOR FASTENER SPACING SHOWN ON DRAWING 'R'-SHEET '1')

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-0612-01  
 Expiration Date 10/08/2007  
 By Helmy A. Maki  
 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	
<p>CONSTRUCTION FASTENERS INC.            SPRING STREET AND VAN REED ROAD            P.O. BOX 6326, WYOMISSING PA 19610</p> <ul style="list-style-type: none"> <li> 1/4-14 X 7/8" LAP TEK W/BOND SEAL WASHER</li> <li> #12-14 X 1 1/4 SDS W/ 3/4" EPDM WASHER</li> <li> #12-14 X 1 1/4 SDS W/BOND SEAL 3/4" WASHER</li> <li> 1/4-14 X 7/8" LAP TEK W/EPDM WASHER</li> </ul> <p>WG-7 INSIDE / OUTSIDE CLOSED CELL POLYETHYLENE FOAM</p>	<p>GULF-SEAL SPECIALTIES, INC.            P.O. BOX 508            SOUTH HOUSTON, TX 77587</p> <p style="text-align: center;">1/2 X 3/32   TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)</p> <p style="text-align: center;">DOUBLE BEAD   TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)</p> <p style="text-align: center;">SCHNEE-MOREHEAD, INC.            111 NORTH NURSERY ROAD            IRVING, TX 75060</p> <p style="text-align: center;">            PERMATHANE URETHANE CAULK</p>

<b>PRODUCT RENEWED</b>		APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE	
ACCEPTANCE No. <u>010417.12</u>		DATE <u>October 08 19 98</u>	
EXPIRATION DATE <u>10/08/2006</u>		BY <u>Helmy A. Maki</u>	
By <u>Helmy A. Maki</u>		PRODUCT CONTROL DIVISION	
BUILDING CODE COMPLIANCE OFFICE		BUILDING CODE COMPLIANCE OFFICE	
		ACCEPTANCE NO. <u>98-0610-03</u>	
MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E. DISCIPLINE : CIVIL	
FLORIDA REGISTRATION NO.		44923	
 Metal Roof and Wall Systems		14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8555	
PROJECT	DADE COUNTY PROJECT APPROVAL	REL	DATE
SHEET TITLE	R PANEL WALL DETAILS	DATE	9-10-98
LOCATION	DADE COUNTY, FLORIDA	SCALE	NTS
		PROJECT NUMBER	R 3

*Terrence E. Wolfe*  
 9/10/98