



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Metal Building Components, Inc.**  
**14031 West Hardy**  
**Houston ,TX 77060**

Your application for Notice of Acceptance (NOA) of:

**0.024" (min.) Structural Galvalume Steel Wall Panel**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 01-0417.12**  
**EXPIRES: 10/08/2006**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL**  
**CONDITIONS**  
**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 06/14/2001**

**Metal Building Components, Inc.**

**ACCEPTANCE No. : 01-0417.12**

**APPROVED : 06/14/2001**

**EXPIRES : 10/08/2006**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

This renews the Notice of Acceptance No. 98-0610.03, which was issued on October 8, 1998. It approves a 0.024" (min.) Structural Galvalume Steel Wall Panel, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the load requirements, as determined by SFBC Chapter 23, do not exceed the design load values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

This 0.024" (min.) Structural Galvalume Steel Wall Panel and its components shall be constructed in strict compliance with the following documents: Drawing No. R, titled "R-Panel Wall Details", prepared by Terrence E. Wolfe, P.E., dated September 10, 1998, sheets 1, 2, and 3, bearing the Miami-Dade County Product Control approval and renewal stamps with the Notice of Acceptance numbers and approval dates by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

All permanent set components must be protected against corrosion, contamination and damage at all times.

**4. INSTALLATION**

This 0.024" (min.) Structural Galvalume Steel Wall Panel and its components shall be installed in strict compliance with the approved drawings.

**5. 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".

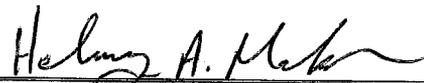
**6. BUILDING PERMIT REQUIREMENTS**

**6.1** Application for building permit shall be accompanied by copies of the following:

**6.1.1** This Notice of Acceptance.

**6.1.2** Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

**6.1.3** Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.



**Helmy A. Makar, P.E. - Product Control Examiner**  
Product Control Division

**Metal Building Components, Inc.**

**ACCEPTANCE No. :** 01-0417.12

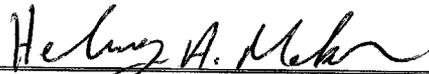
**APPROVED :** 06/14/2001

**EXPIRES :** 10/08/2006

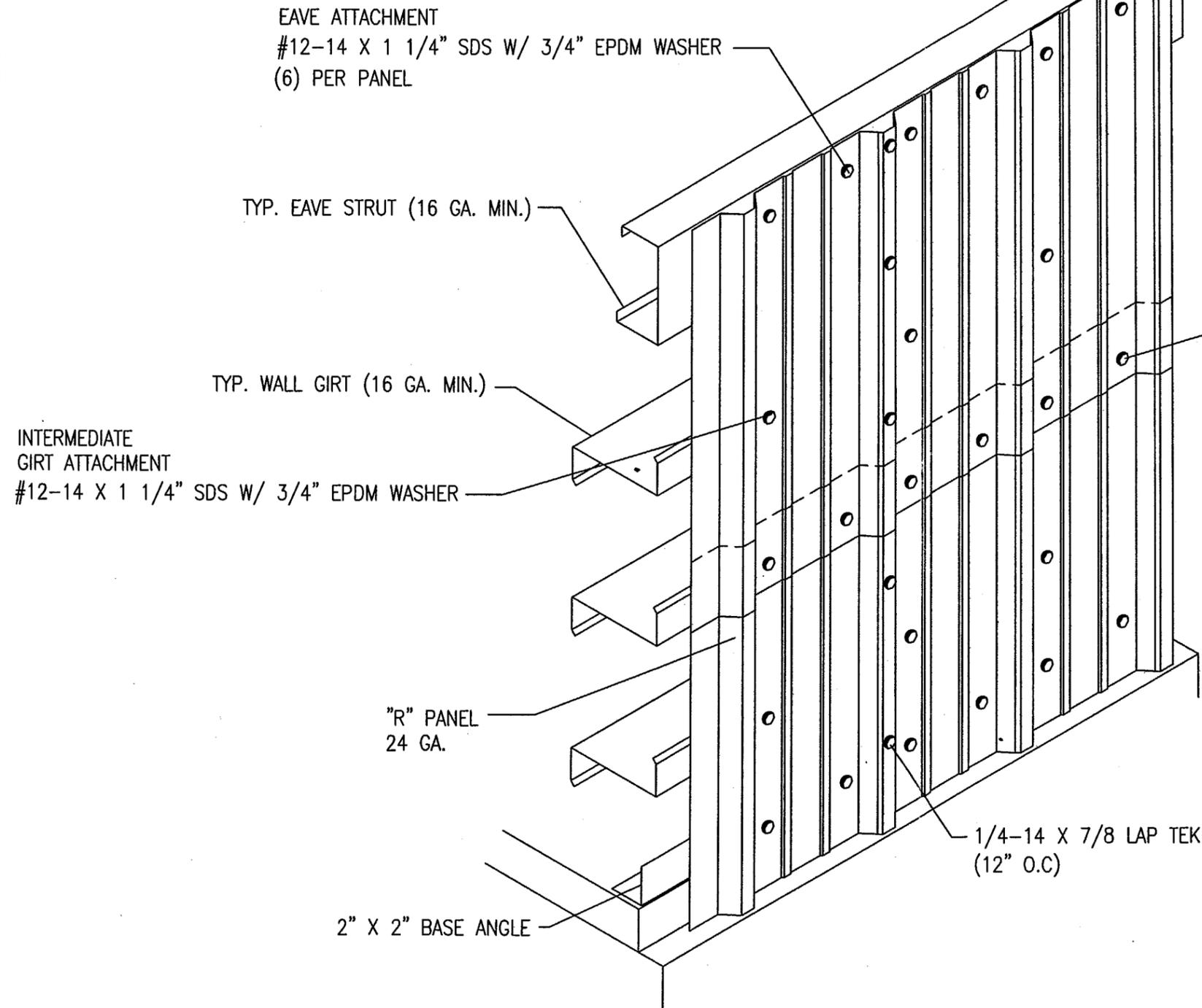
**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
  - b. The product is no longer the same product (identical) as the one originally approved.
  - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
  - d. The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a. Unsatisfactory performance of this product or process.
  - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

**END OF THIS ACCEPTANCE**

  
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Helmy A. Makar, P.E.- Product Control Examiner  
Product Control Division

# TYPICAL DETAILS FASTENER PATTERNS



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

TYP. EAVE STRUT (16 GA. MIN.)

TYP. WALL GIRT (16 GA. MIN.)

INTERMEDIATE GIRT ATTACHMENT  
#12-14 X 1 1/4" SDS W/ 3/4" EPDM WASHER

"R" PANEL  
24 GA.

1/4-14 X 7/8 LAP TEK  
(12" O.C)

2" X 2" BASE ANGLE

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

ISOMETRIC VIEW OF  
"R" PANEL WALL

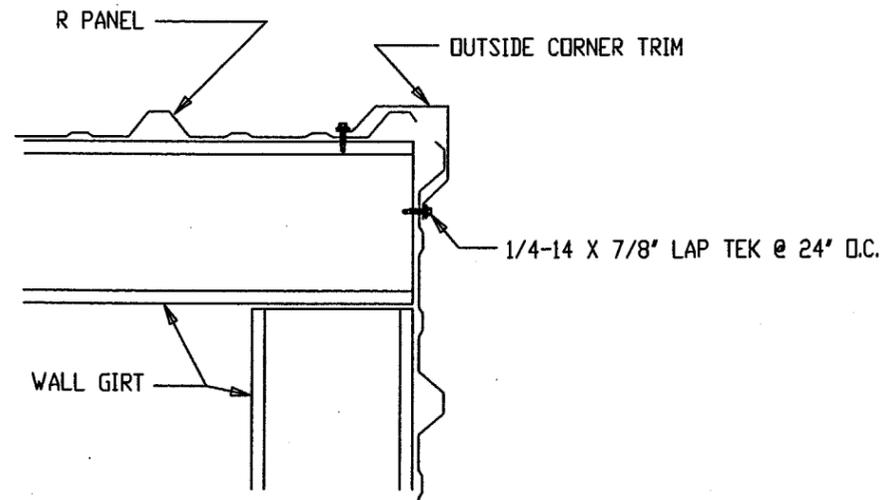
*Terrence Wolfe*  
9/10/98

**PRODUCT RENEWED**

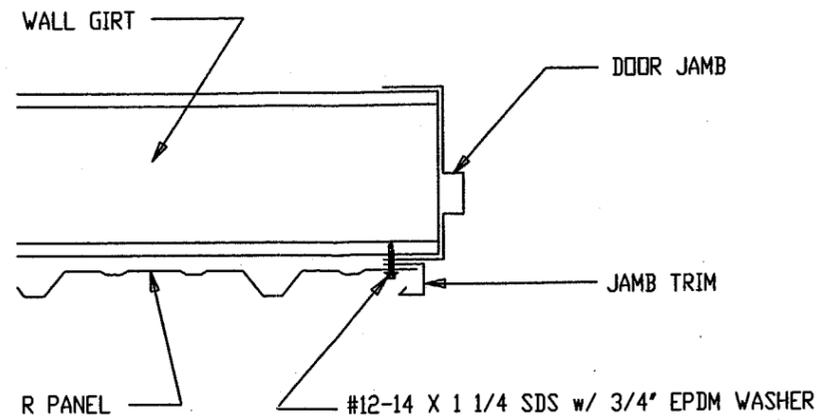
ACCEPTANCE No. 01-0417.12  
EXPIRATION DATE 10/08/2006  
By Helmut A. Mahr  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

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

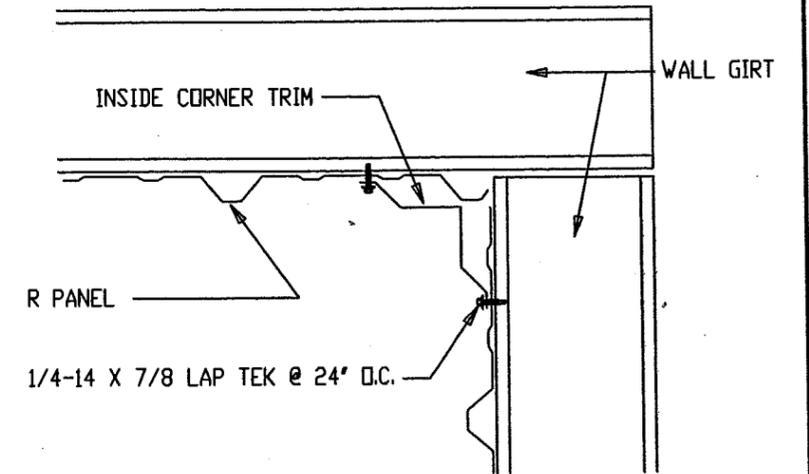
MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
 Metal Roof and Wall Systems 14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8555			
PROJECT	DADE COUNTY PRODUCT APPROVAL	REL. BY	DATE
SHEET TITLE	R-PANEL WALL DETAILS	ISSUED BY	DATE 9-10-98
LOCATION	DADE COUNTY,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



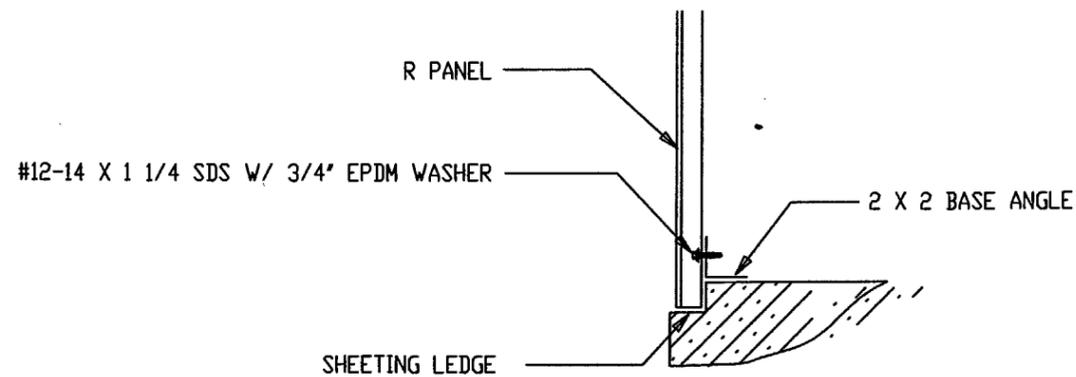
OUTSIDE CORNER DETAIL



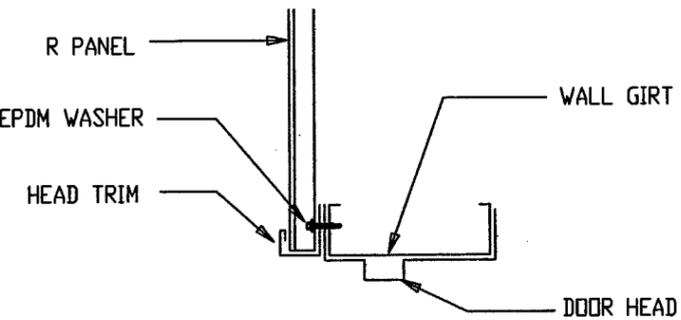
JAMB DETAIL



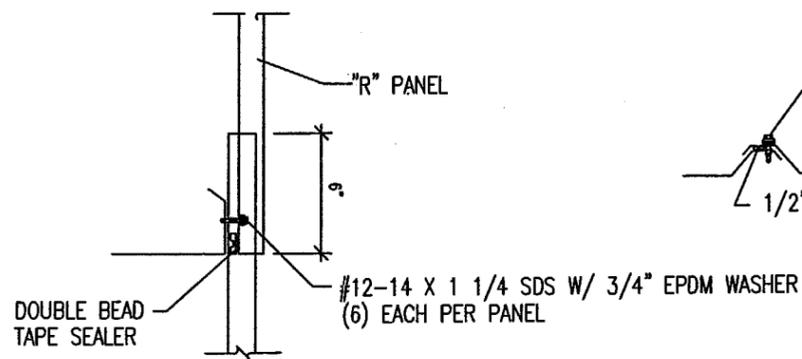
INSIDE CORNER DETAIL



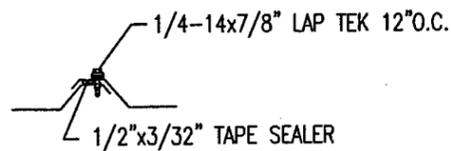
BASE DETAIL



HEAD DETAIL



LAP DETAIL

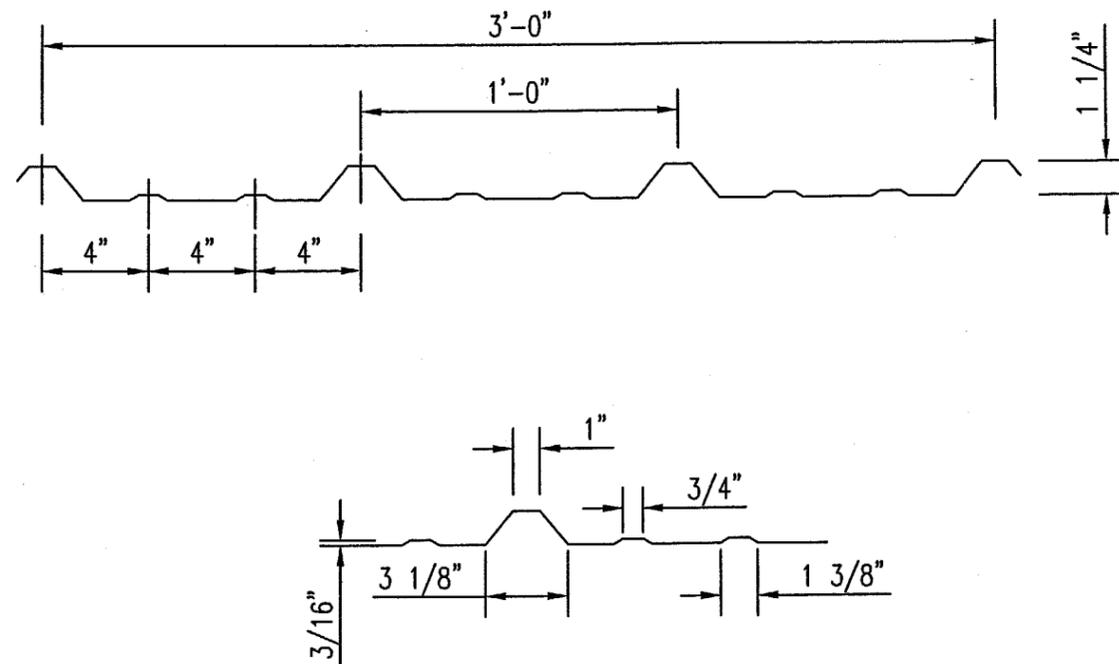


**PRODUCT RENEWED**  
 ACCEPTANCE No. 01-0417.12  
 EXPIRATION DATE 10/08/2006  
 By Helmy A. Maher  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE October 08, 1998  
 BY Helmy A. Maher  
 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>Helmy A. Maher</u> PRODUCT CONTROL DIV'S ON BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. <u>98-0610-03</u>	
REGISTERED ENGINEER TERRENCE E. WOLFE, P.E. FLORIDA REGISTRATION NO. 44823	
	
PROJECT: DADE COUNTY PRODUCT APPROVAL	
SHEET NO. R-PANEL WALL FLASHING DETAILS	DATE: 9/10/98 BY: NTS
LOCATION: DADE COUNTY, FLORIDA	SHEET NO. <b>R</b> OF 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')

**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>1/2 X 3/32  TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)</p> <p>DOUBLE BEAD  TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)</p>	<p>SCHNEE-MOREHEAD, INC. 111 NORTH NURSERY ROAD IRVING, TX 75060</p> <p> PERMATHANE URETHANE CAULK</p>
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**PRODUCT RENEWED** APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 ACCEPTANCE No. 01-0417.12 DATE October 08, 1998  
 EXPIRATION DATE 10/08/2006 BY Helmut A. Mahr  
 By Helmut A. Mahr PRODUCT CONTROL DIVISION  
**PRODUCT CONTROL DIVISION** BUILDING CODE COMPLIANCE OFFICE  
**BUILDING CODE COMPLIANCE OFFICE** ACCEPTANCE NO. 98-0610.03

MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E. DISCIPLINE : CIVIL	
FLORIDA REGISTRATION NO.		44923	
		14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8555	
PROJECT	DADE COUNTY PROJECT APPROVAL	REL. BY	DATE
SHEET TITLE	R PANEL WALL DETAILS	CHECKED BY	DATE 9-10-98
LOCATION	DADE COUNTY, FLORIDA	SCALE	NTS
		PROJECT NUMBER	DRAWING NUMBER R
			SHEET NUMBER 3

*Terrence E. Wolfe*  
9/10/98