



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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov

MBCI, LP
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: 'R-Panels' 22 ga. & 24 ga. Structural Galvalume Steel 1-1/4" x 36" Roof Panels

APPROVAL DOCUMENT: Drawing No. R95, titled "R-Panel Flashing Detail", sheets 100 through 110, prepared by Terrence E. Wolfe, P.E., dated January 30, 1997, signed and sealed by Terrence E. Wolfe, P.E., on February 05, 1997, 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 # 02-1016.04** and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
 04/03/2008

NOA No. 08-0212.06
Expiration Date: 02/27/2013
Approval Date: 04/03/2008
Page 1

MBCI, LP

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

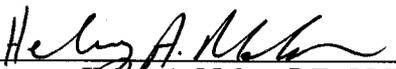
1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 96-0529.03

A. DRAWINGS

1. Title: "R-Panel" Roof Panel
Number: R95, sheets 100 through 110
Signature: Terrence E. Wolfe, P.E.
Date: 05/23/96
Revision Date: 01/30/97

B. TESTS

1. Laboratory: Farabaugh Engineering and testing, Inc.
Number: T103-96, dated 01/18/96.
Type: Uniform static air pressure loading, per ASTM 1592 (22 ga R-Panel)
Signature: Daniel G. Farabaugh, P.E.
2. Laboratory: Farabaugh Engineering and testing, Inc.
Number: T102-96, dated 01/11/96
Type: Uniform static air pressure loading, per ASTM 1592 (24 ga R-Panel)
Signature: Daniel G. Farabaugh, P.E.
3. Laboratory: Farabaugh Engineering and testing, Inc.
Number: T104-96, dated 01/05/96
Type: Large missile impacts, per PA 201-94 (24 ga R-Panel)
Signature: Daniel G. Farabaugh, P.E.
4. Laboratory: Farabaugh Engineering and testing, Inc.
Number: T118-96, dated 04/26/96
Type: Susceptibility to leakage for class 1 metal roof panel, per "FM 4471-G" (24 ga R-Panel)
Signature: Daniel G. Farabaugh, P.E.
5. Laboratory: West Penn Testing Laboratories, Inc.
Number: WP-9048 (Report # 034), dated 01/31/96
Type: Tensile Strength (22 ga R-Panel)
Signature: Todd A. Ault
6. Laboratory: West Penn Testing Laboratories, Inc.
Number: WP-9048 (Report # 034), dated 01/31/96
Type: Tensile Strength (22 ga and 24 ga R-Panels)
Signature: Todd A. Ault



Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 08-0212.06
Expiration Date: 02/27/2013
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. Laboratory: Center For Applied Engineering, Inc.
Number: MTS No. 257558, dated 03/27/96
Type: Wind Driven Rain Test per PA 100-95 (24 ga R-Panels)
Signature: R. G. Miller, P.E.

C. CALCULATIONS

1. Title: 22 gage and 24 gage R-Panel
Signature: Terrence E. Wolfe, P.E.
Date: 05/23/96

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 99-0823.04

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

E. STATEMENTS

1. *Letter requesting renewal of NOA No. 96-0529.03 and stating that the product has not changed, dated August 12, 1999, signed by Brian N. Jaks.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-1016.04

A. DRAWINGS

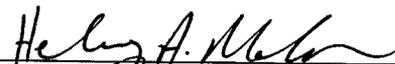
1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Examiner
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. MATERIAL CERTIFICATIONS

1. *None.*

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test on R-Panel 24 ga. X 36" wide, prepared by Farabaugh Engineering and Testing Inc., Report No. T216-07, dated 06/15/2007, signed and sealed by Patrick J. Farabaugh, P.E. and Daniel G. Farabaugh, P.E.*
2. *Test report on Uniform Static Air Pressure Test on PRB-Panel 22 ga. X 36" wide, per ASTM 1592-01, prepared by Force Engineering & Testing Inc., Report No. 07-0004T-08A, B, dated 01/28/2008, signed and sealed by Terrence E. Wolfe, P.E.*
3. *Test report on Uniform Static Air Pressure Test on PRB-Panel 22 ga. X 36" wide, per ASTM 1592-01, prepared by Force Engineering & Testing Inc., Report No. 07-0004T-08C, dated 01/28/2008, signed and sealed by Terrence E. Wolfe, P.E.*
4. *Test report on Uniform Static Air Pressure Test on PRB-Panel 24 ga. X 36" wide, per ASTM 1592-01, prepared by Force Engineering & Testing Inc., Report No. 07-0004T-08D, E, dated 01/28/2008, signed and sealed by Terrence E. Wolfe, P.E.*
5. *Test report on Uniform Static Air Pressure Test on PRB-Panel 24 ga. X 36" wide, per ASTM 1592-01, prepared by Force Engineering & Testing Inc., Report No. 07-0004T-08F, dated 01/28/2008, signed and sealed by Terrence E. Wolfe, P.E.*
6. *Test procedure for wind and wind driven rain resistance of discontinuous roof systems performance for R-Panel Steel Roof 36" wide x 24 ga. Per TAS 100-95, test report # T351-07, dated 12/20/07, signed and sealed by Daniel G. Farabaugh, P.E.*

C. CALCULATIONS

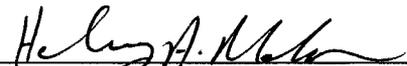
1. *None.*

D. QUALITY ASSURANCE

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

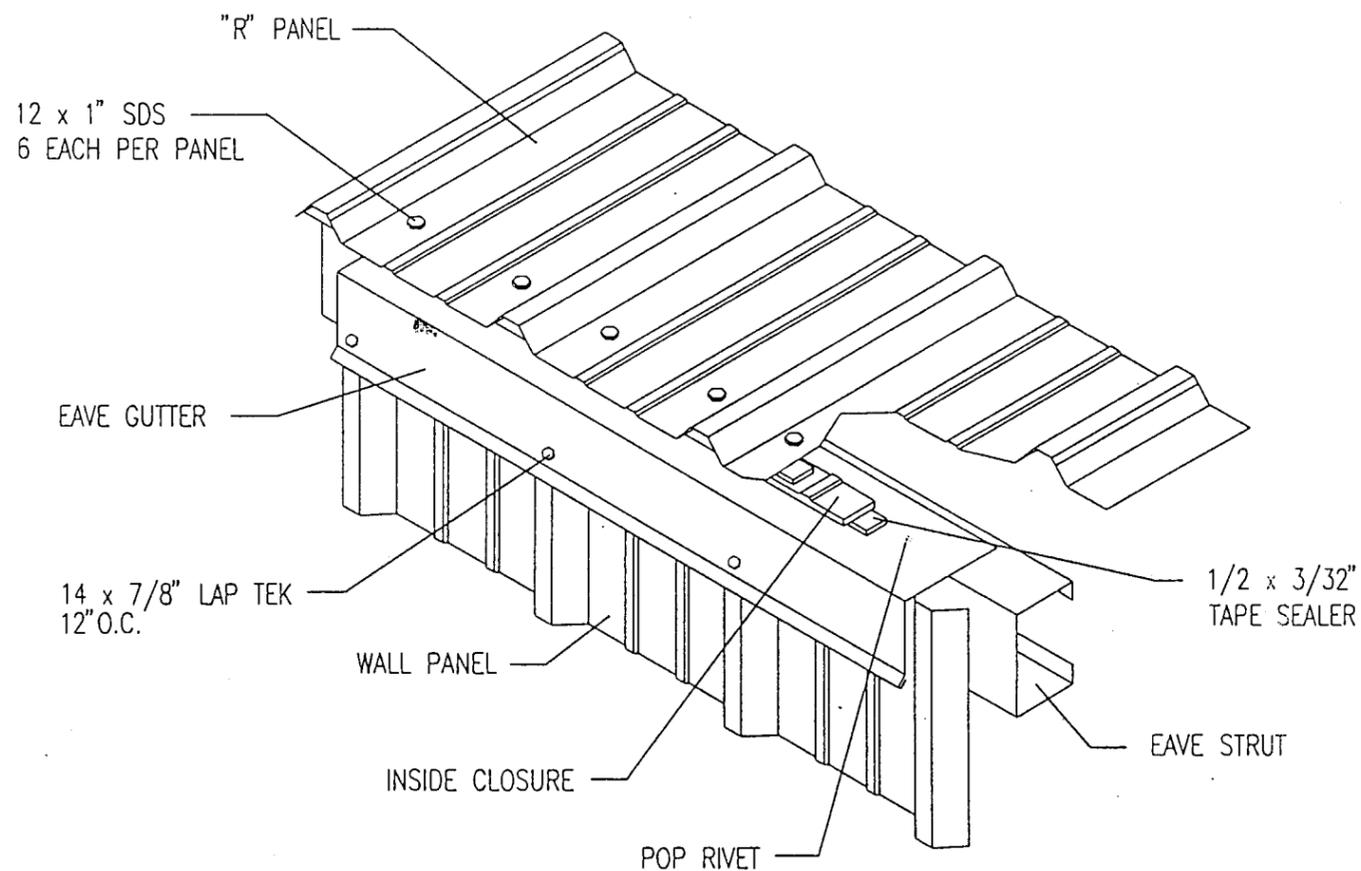
E. MATERIAL CERTIFICATIONS

1. *Tensile Test foe 22 ga. From test # 07-0004T-08A, B.*
2. *Tensile Test foe 24 ga. From test # 07-0004T-08A, B.*

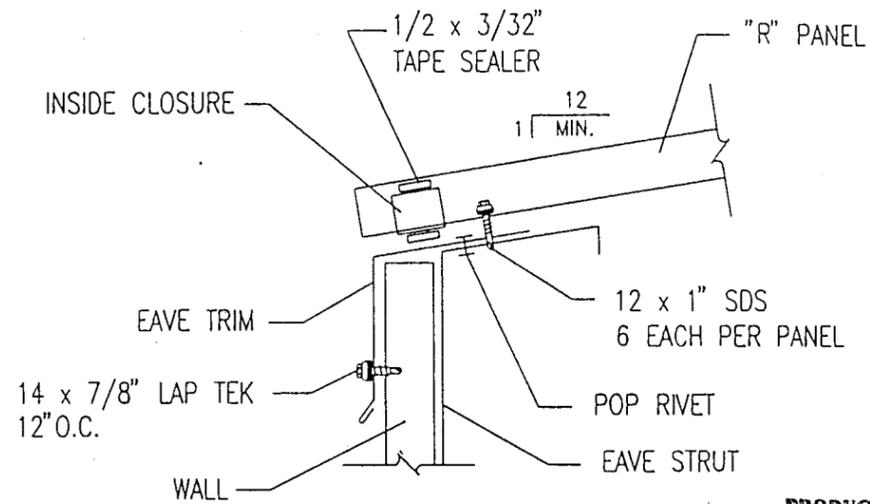


Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 08-0212.06
Expiration Date: 02/27/2013
Approval Date: 04/03/2008

TYPICAL DETAILS EAVE TRIM



ISOMETRIC VIEW OF
EAVE TRIM



CROSS SECTION OF
EAVE TRIM

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-1016.04
Expiration Date 02/27/2009
By Helmut A. Mader
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
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By Helmut A. Mader
Miami Dade Product Control
Division

PRODUCT RENEWED

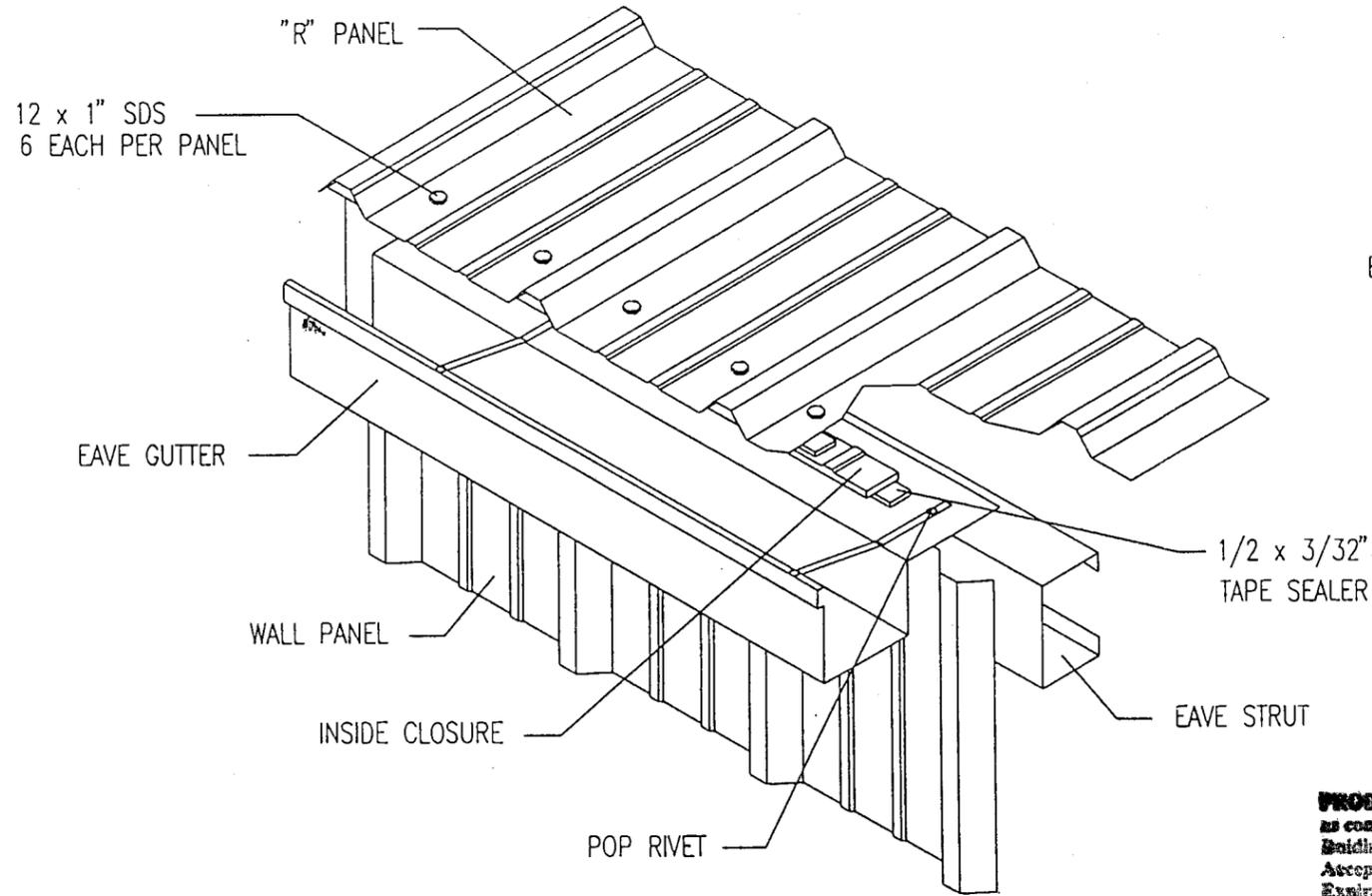
ACCEPTANCE No. 99-0823.04
EXPIRATION DATE FEBRUARY 27-2003
By Helmut A. Mader
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE FEBRUARY 27 1997
BY Helmut A. Mader
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0529.03

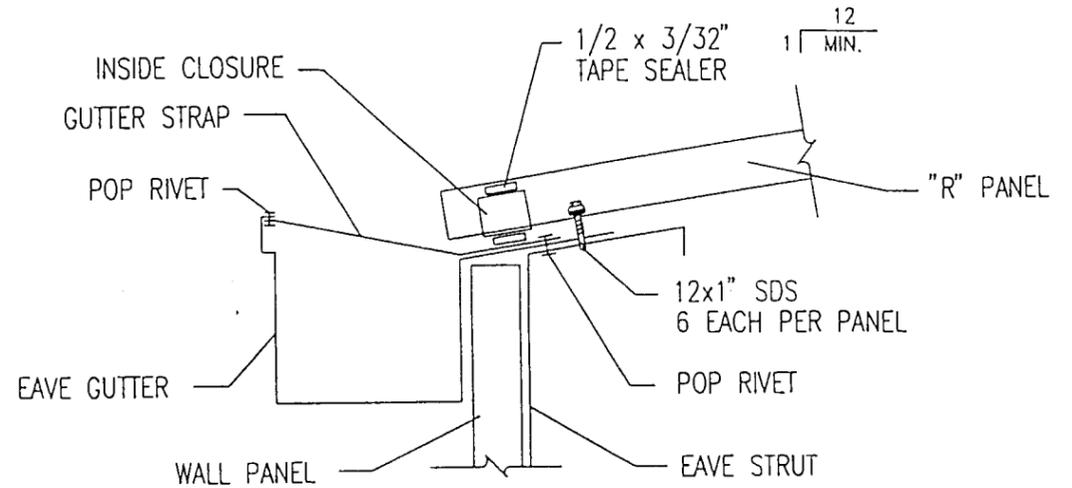
MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
 Metal Roof and Wall Systems 14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8555			
PROJECT	DADE COUNTY PRODUCT APPROVAL	REL. BY	DATE
SHEET TITLE	R-PANEL FLASHING DETAIL	OWNER NO.	DATE 1-30-97
LOCATION	DADE COUNTY, FLORIDA	CHECKED BY	SCALE NTS
		PROJECT NUMBER	SHEET NUMBER
		96-0529-03	R95 100

Terrence Wolfe
02/05/97

TYPICAL DETAILS GUTTER



ISOMETRIC VIEW OF
EAVE WITH GUTTER



CROSS SECTION OF
EAVE WITH GUTTER

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-1016.04
Expiration Date 02/27/2008
By Helmut A. Mahr
Miami Dade Product Control
Division

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Building Code
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By Helmut A. Mahr
Miami Dade Product Control
Division

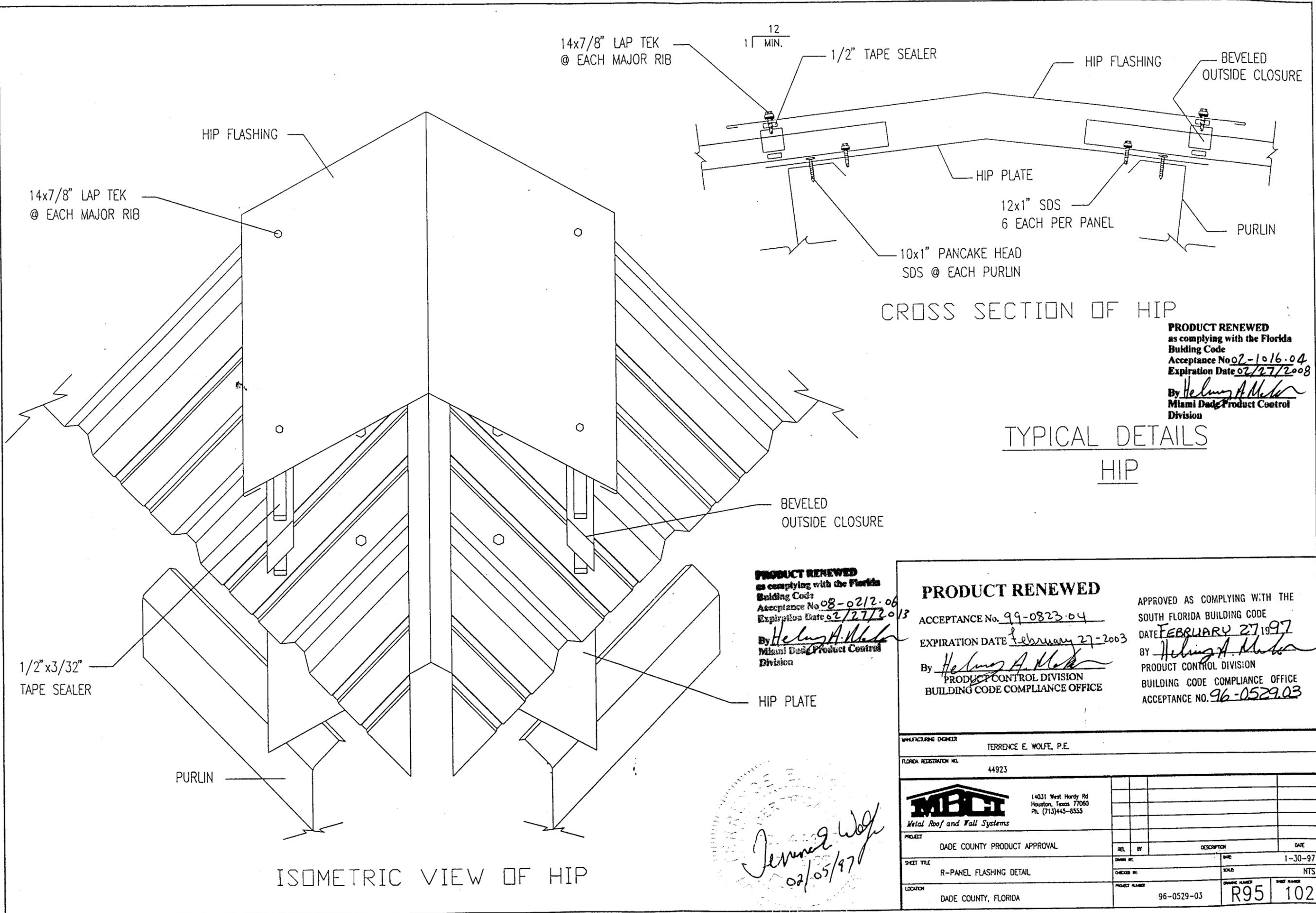
PRODUCT RENEWED

ACCEPTANCE No. 99-0823.04
EXPIRATION DATE February 27, 2003
By Helmut A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE FEBRUARY 27 1997
BY Helmut A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0529.03

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)443-8555	
PROJECT	DADE COUNTY PRODUCT APPROVAL	REL. BY	DATE
SHEET TITLE	R-PANEL FLASHING DETAIL	SCALE	1-30-97
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	96-0529-03
		DRAWING NUMBER	R95
		SHEET NUMBER	101

Terrence E. Wolfe
02/05/97



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 02-1016-04
 Expiration Date 02/27/2008
 By Helmut A. M... ..
 Miami Dade Product Control
 Division

TYPICAL DETAILS
HIP

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 08-0212-06
 Expiration Date 02/27/2013
 By Helmut A. M... ..
 Miami Dade Product Control
 Division

PRODUCT RENEWED

ACCEPTANCE No. 99-0823-04

EXPIRATION DATE February 27-2003

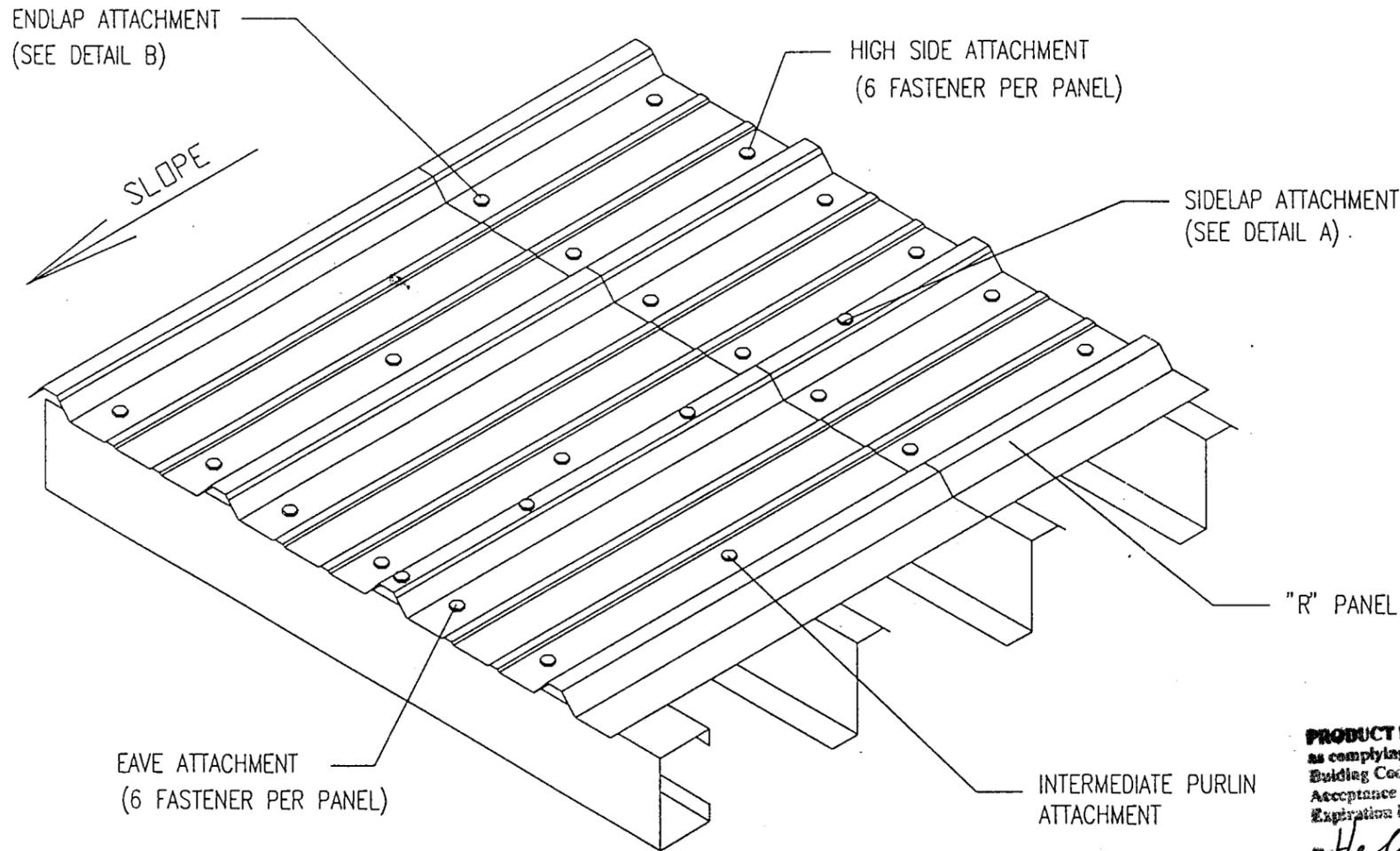
By Helmut A. M... ..
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE FEBRUARY 27, 1997
 BY Helmut A. M... ..
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 96-0529-03

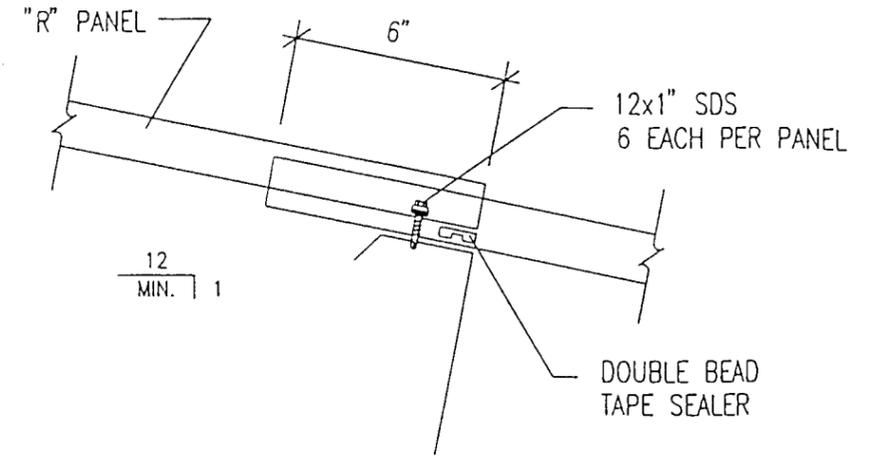
Terrence E. Wolfe
 02/05/97

MANUFACTURING DESIGNER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
 Metal Roof and Wall Systems		14031 West Hardy Rd Houston, Texas 77060 Ph. (713)443-8555	
PROJECT	DADE COUNTY PRODUCT APPROVAL	REL. BY	DATE
SHEET TITLE	R-PANEL FLASHING DETAIL	SCALE	1-30-97 NTS
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	96-0529-03
		DRAWING NUMBER	R95
		SHEET NUMBER	102

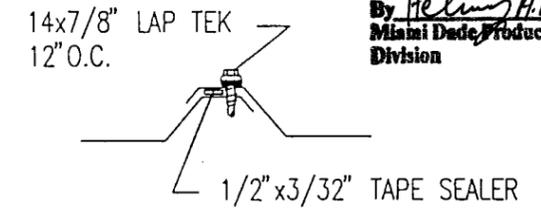
TYPICAL DETAILS
PANEL LAPS



ISOMETRIC VIEW OF
"R" PANEL ROOF



DETAIL B



DETAIL A

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-1016.04
Expiration Date 07/27/2008
By Helmut A. Miller
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 08-0212.06
Expiration Date 02/27/2013
By Helmut A. Miller
Miami Dade Product Control
Division

PRODUCT RENEWED

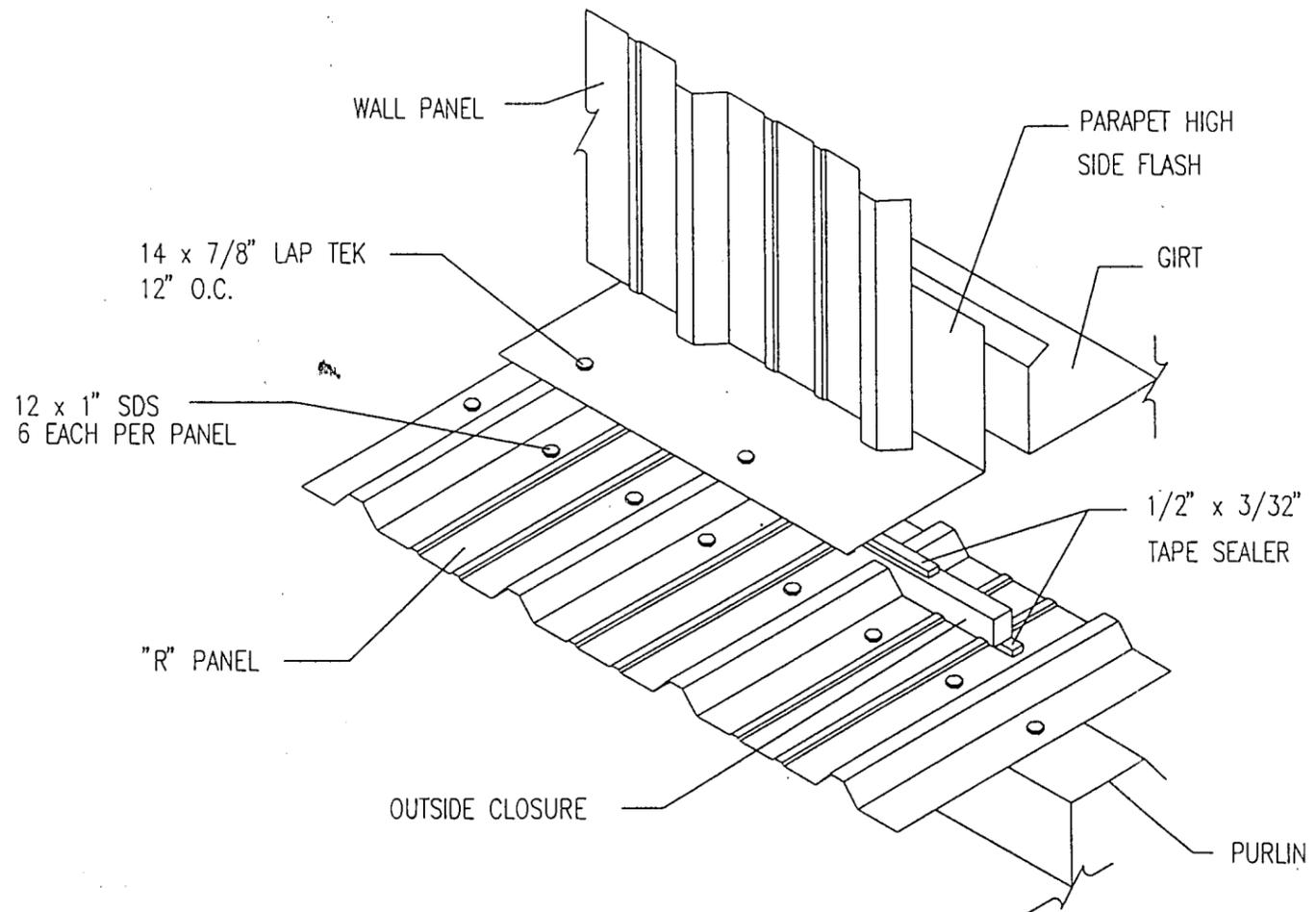
ACCEPTANCE No. 99-0823.04
EXPIRATION DATE FEBRUARY 27-2003
By Helmut A. Miller
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE FEBRUARY 27 1997
BY Helmut A. Miller
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0529.03

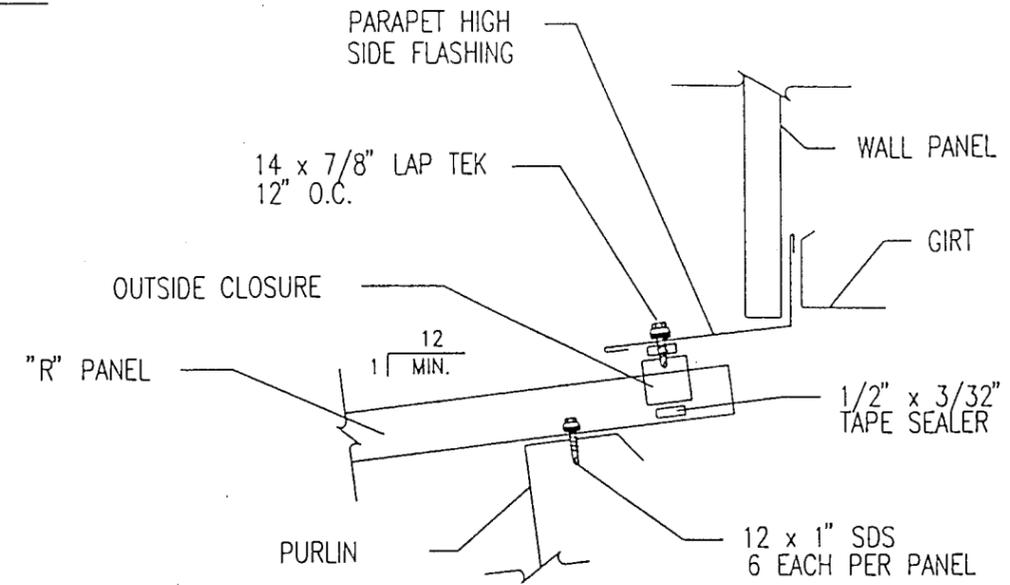
MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
 Metal Roof and Wall Systems		14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8355	
PROJECT	DADE COUNTY PRODUCT APPROVAL	REL	DATE
SHEET TITLE	R-PANEL FLASHING DETAIL	CHECKED BY	DATE
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	96-0529-03
		DRAWING NUMBER	R95
		SHEET NUMBER	103
		DATE	1-30-97
		SCALE	NTS

Terrence E. Wolfe
02/05/97

TYPICAL DETAILS PARAPET HIGH SIDE



ISOMETRIC VIEW OF
HIGH SIDE PARAPET



CROSS SECTION OF
HIGH SIDE PARAPET

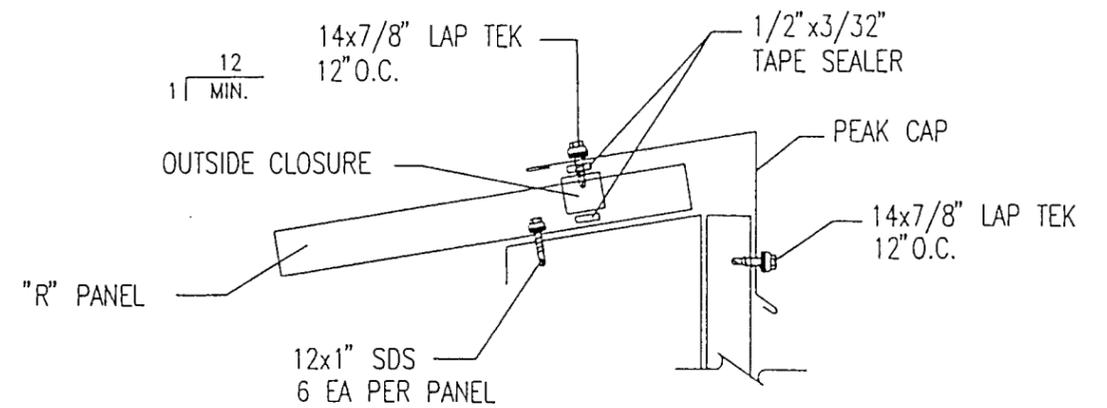
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-1016.04
Expiration Date 02/27/2008
By Helmy A. Mark
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 08-0212.06
Expiration Date 02/27/2013
By Helmy A. Mark
Miami Dade Product Control
Division

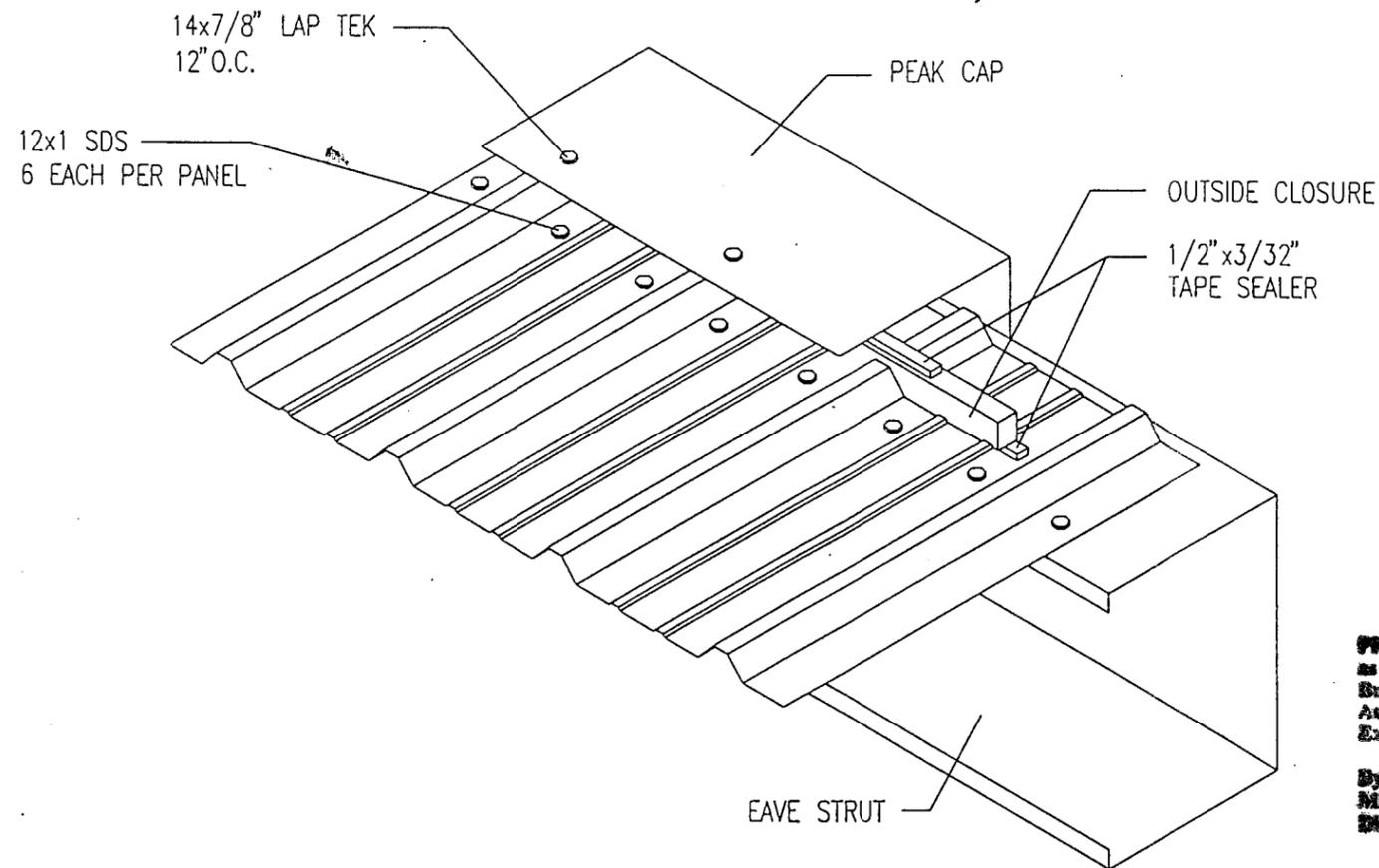
Terrence E. Wolfe
 02/05/97

PRODUCT RENEWED		APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE	
ACCEPTANCE No. <u>99-0823.04</u>		DATE <u>FEBRUARY 27, 1997</u>	
EXPIRATION DATE <u>FEBRUARY 27, 2003</u>		BY <u>Helmy A. Mark</u>	
By <u>Helmy A. Mark</u>		PRODUCT CONTROL DIVISION	
PRODUCT CONTROL DIVISION		BUILDING CODE COMPLIANCE OFFICE	
BUILDING CODE COMPLIANCE OFFICE		ACCEPTANCE NO. <u>96-0529.03</u>	
MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
 MBCI Metal Roof and Wall Systems		14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8555	
PROJECT		DADE COUNTY PRODUCT APPROVAL	
SHEET TITLE		R-PANEL FLASHING DETAIL	
LOCATION		DADE COUNTY, FLORIDA	
REL.	BY	DESCRIPTION	DATE
			1-30-97
CHECKED BY:		SCALE	NTS
		PROJECT NUMBER	96-0529-03
		DRAWING NUMBER	R95
		REVISION NUMBER	104

TYPICAL DETAILS
PEAK



CROSS SECTION OF PEAK



ISOMETRIC VIEW OF PEAK

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-1016.04
Expiration Date 02/27/2008
By *Helmut A. Mahr*
Miami Dade Product Control
Division

PRODUCT RENEWED
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Building Code
Acceptance No 08-0212.06
Expiration Date 02/27/2013
By *Helmut A. Mahr*
Miami Dade Product Control
Division

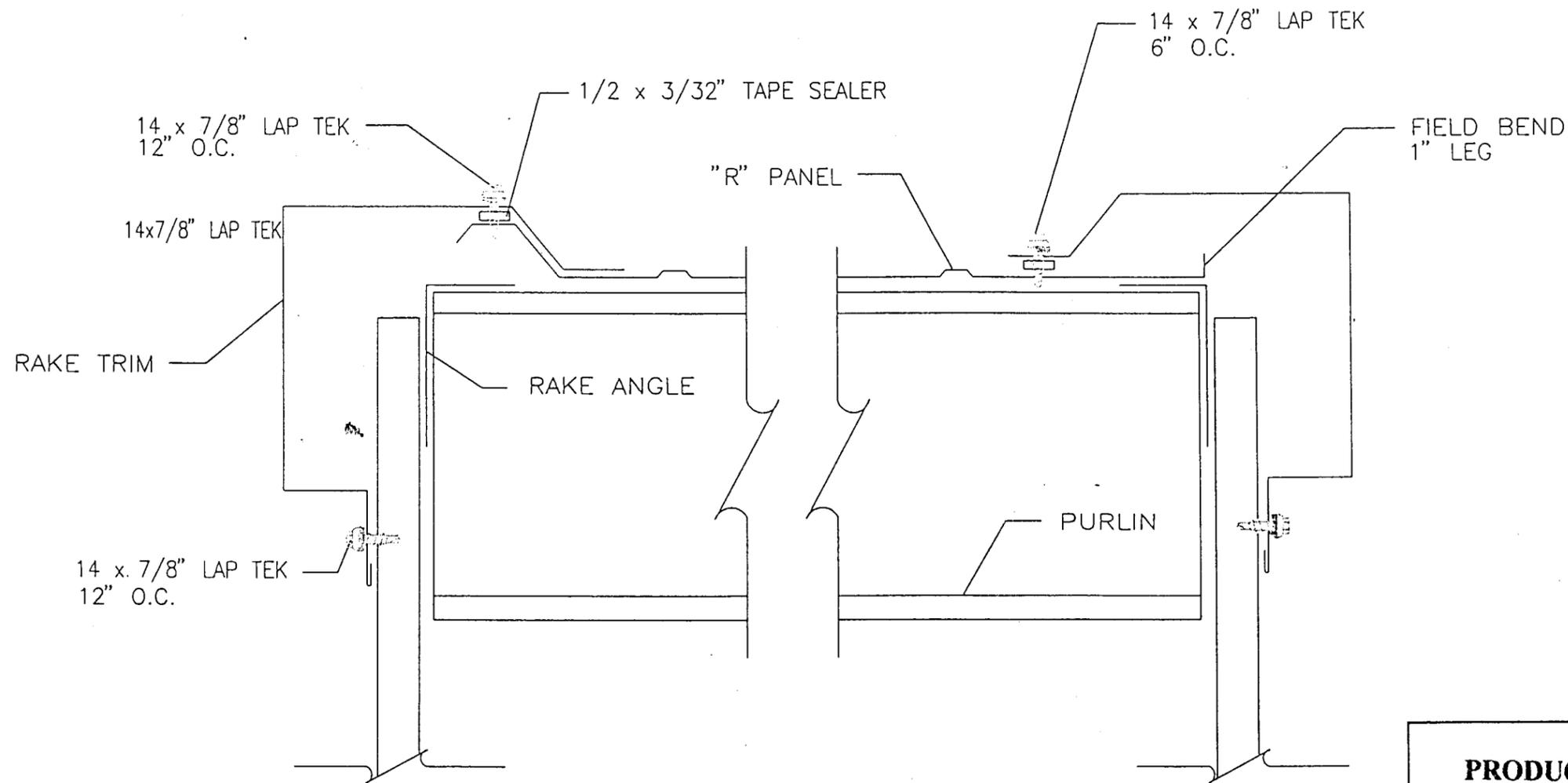
PRODUCT RENEWED

ACCEPTANCE No. 99-0823.04
EXPIRATION DATE February 27, 2003
By *Helmut A. Mahr*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE FEBRUARY 27, 1997
BY *Helmut A. Mahr*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0529.03

MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
 14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8555 Metal Roof and Wall Systems			
PROJECT	DADE COUNTY PRODUCT APPROVAL	REL. BY	DATE
SHEET TITLE	R-PANEL FLASHING DETAIL	SCALE	1-30-97
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	96-0529-03
		DRAWING NUMBER	R95
		SHEET NUMBER	105

Terrence Wolfe
02/05/97



TYPICAL DETAILS
RAKE

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-1016.04
Expiration Date 02/27/2008
By Helmut A. Mahr
Miami Dade Product Control
Division

BEGINNING
ON MODULE

FINISHING
OFF MODULE

PRODUCT RENEWED
as complying with the Florida
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Miami Dade Product Control
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PRODUCT RENEWED

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BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE FEBRUARY 27 1997
BY Helmut A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0529.03

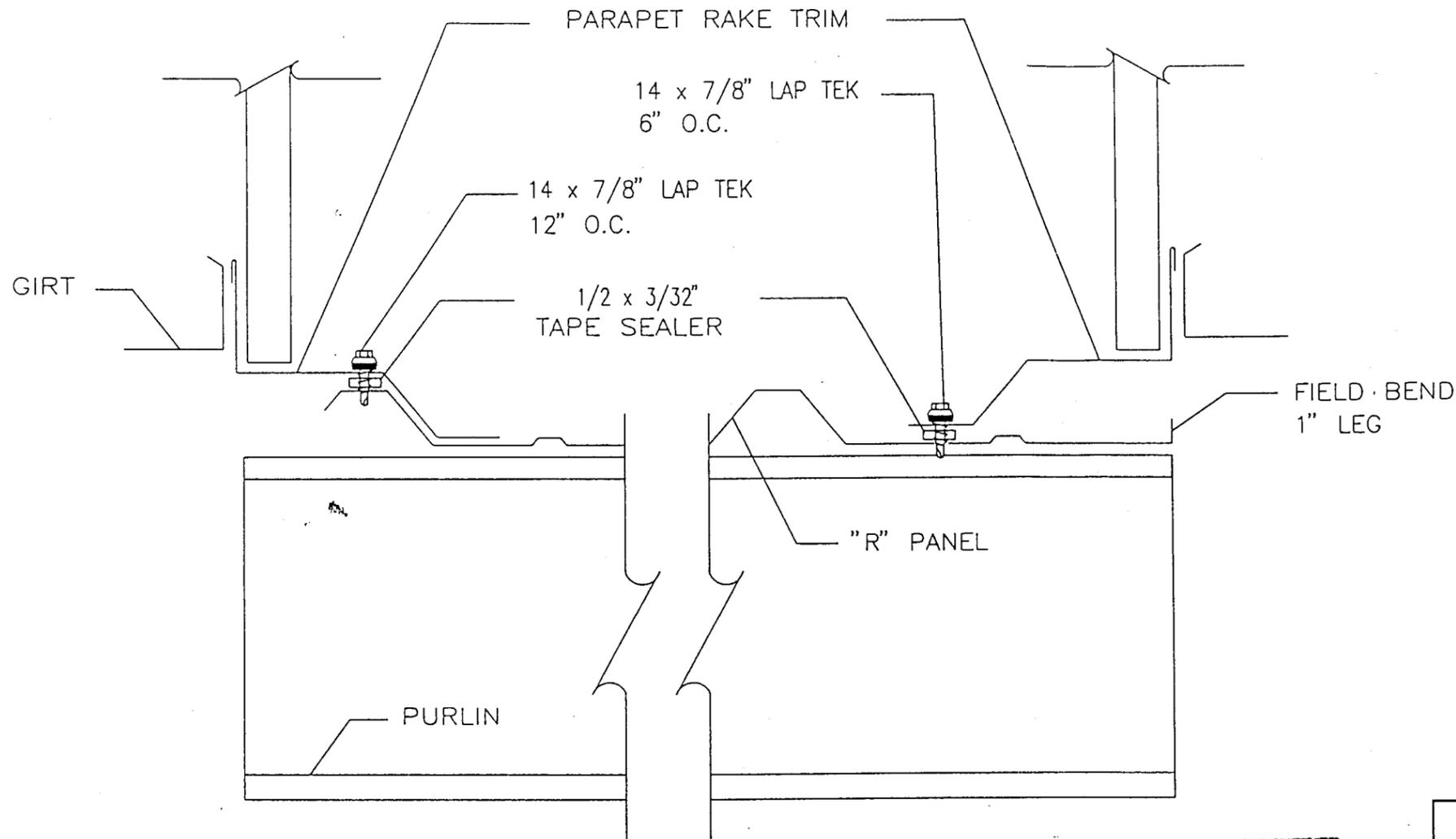
MANUFACTURING ENGINEER
TERRENCE E. WOLFE, P.E.

FLORIDA REGISTRATION NO.
44923

MBCI
Metal Roof and Wall Systems
14031 West Hardy Rd
Houston, Texas 77060
Ph. (713)445-8555

PROJECT	REL.	BY	DESCRIPTION	DATE
DADE COUNTY PRODUCT APPROVAL				
SHEET TITLE	DRAWN BY		DATE	
R-PANEL FLASHING DETAIL			1-30-97	
LOCATION	CHECKED BY		SCALE	
DADE COUNTY, FLORIDA			NTS	
	PROJECT NUMBER	DRAWING NUMBER	SHEET NUMBER	
	96-0529-03	R95	106	

Terrence Wolfe
02/05/97



TYPICAL DETAILS
PARAPET RAKE

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-1016.04
Expiration Date 02/27/2008
By Helmut A. Mahr
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
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Acceptance No. 08-0212.06
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By Helmut A. Mahr
Miami Dade Product Control
Division

PRODUCT RENEWED

ACCEPTANCE No. 99-0823.04
EXPIRATION DATE FEBRUARY 27-2003
By Helmut A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

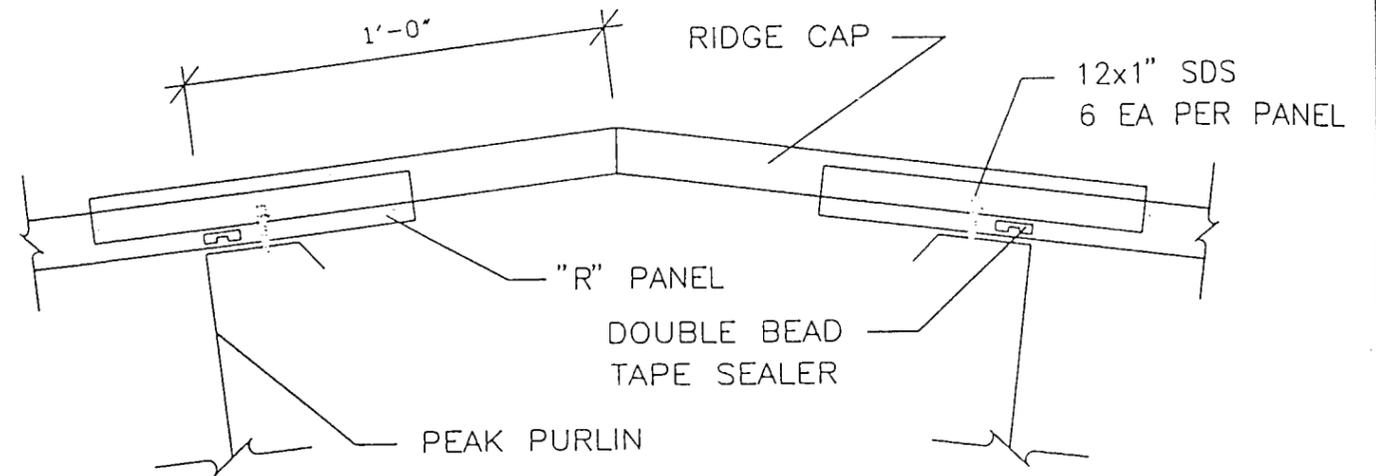
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE FEBRUARY 27 1997
BY Helmut A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0529.03

BEGINNING
ON MODULE

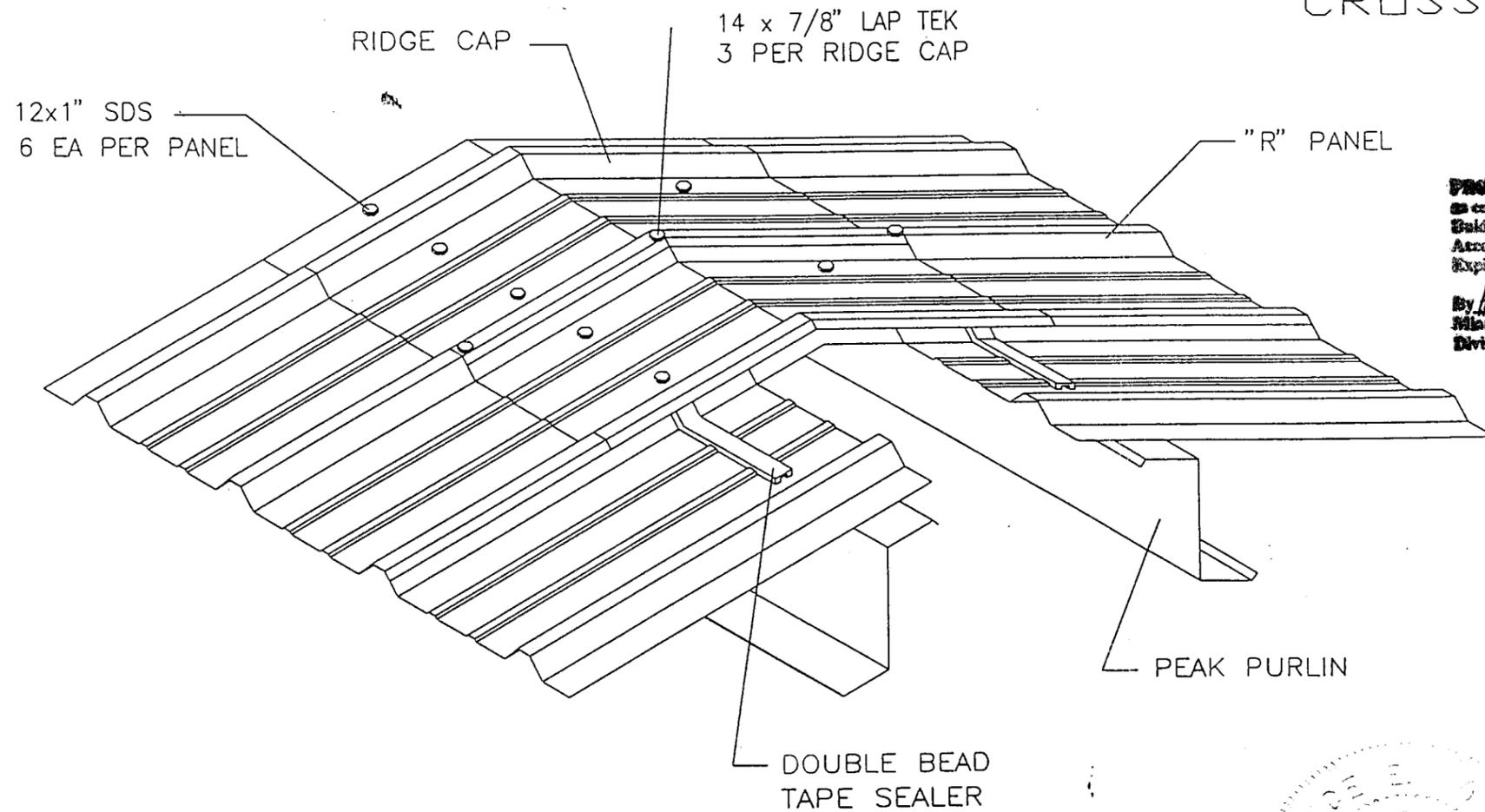
FINISHING
OFF MODULE

Terrence E. Wolfe
02/05/97

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 FLASHING DETAIL	SCALE	1-30-97 NTS
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	96-0529-03
		DWG. NUMBER	R95
		SHEET NUMBER	107



CROSS SECTION OF RIDGE



ISOMETRIC VIEW OF RIDGE

TYPICAL DETAILS
RIDGE

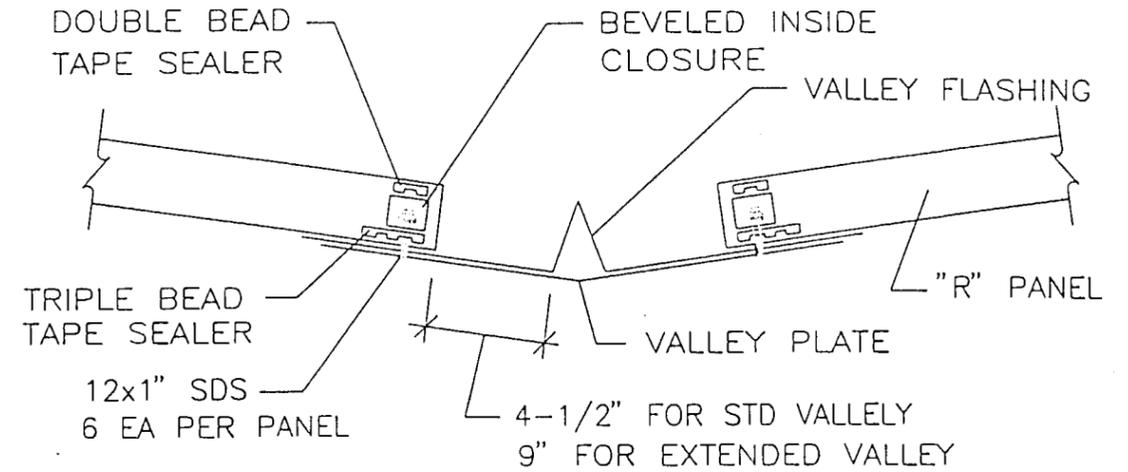
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 08-0212.06
Expiration Date 02/27/2013
By *Helmut A. Mahr*
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-1016.04
Expiration Date 02/27/2008
By *Helmut A. Mahr*
Miami Dade Product Control
Division

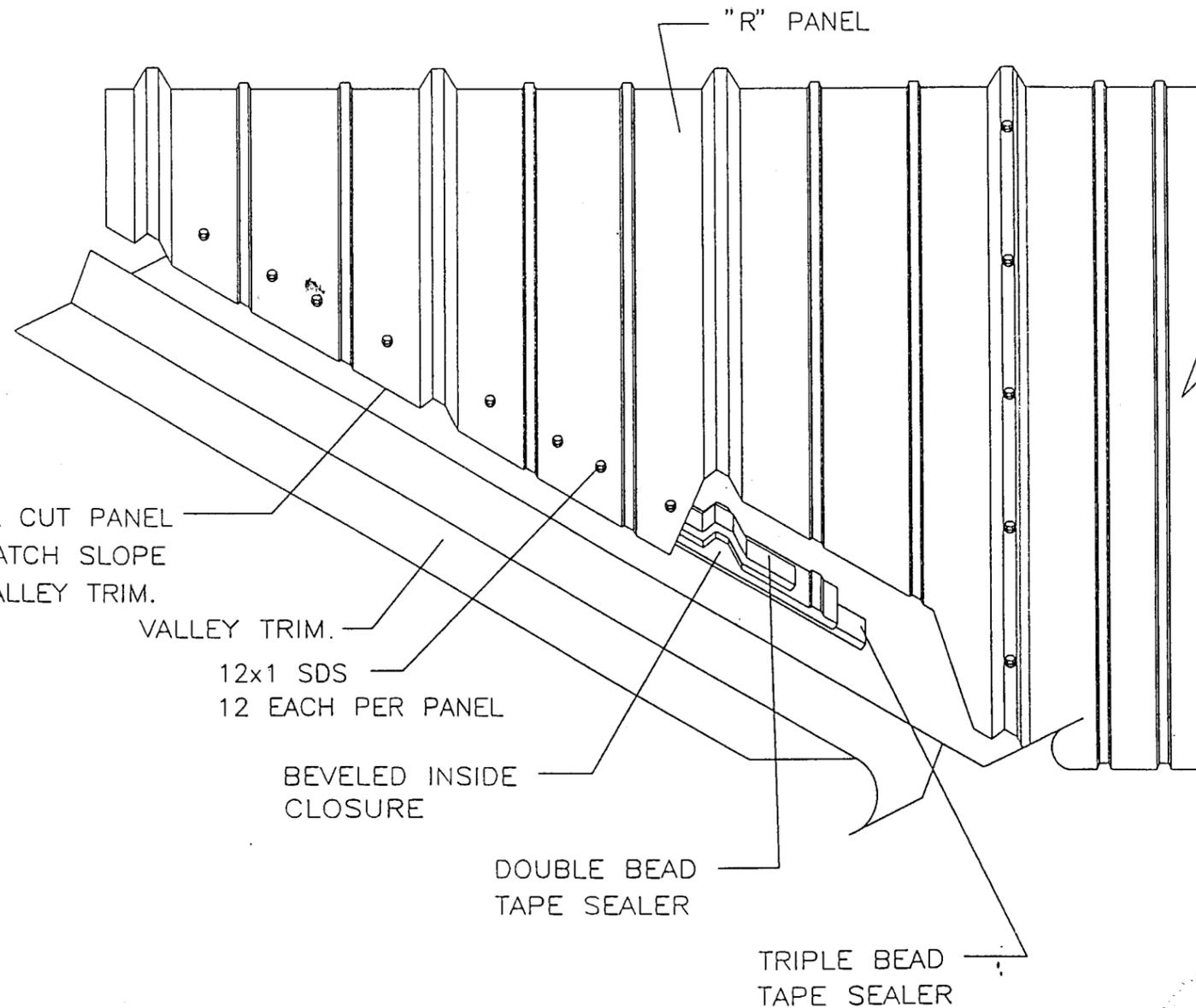
PRODUCT RENEWED		APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE	
ACCEPTANCE No. 99-0823.04	EXPIRATION DATE February 27 - 2003	DATE FEBRUARY 27, 1997	BY <i>Helmut A. Mahr</i>
By <i>Helmut A. Mahr</i> PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE		PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 96-0529.03	
MANUFACTURING DESIGNER 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	DESCRIPTION	DATE
SHEET TITLE R-PANEL FLASHING DETAIL	CHECKED BY	SCALE	1-30-97 NTS
LOCATION DADE COUNTY, FLORIDA	PROJECT NUMBER 96-0529-03	DRAWING NUMBER R95	SHEET NUMBER 108

Terrence Wolfe
02/05/97

TYPICAL DETAILS
VALLEY



CROSS SECTION OF VALLEY



ISOMETRIC VIEW OF VALLEY

TYPICAL DETAILS
VALLEY

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-1016.04
Expiration Date 02/27/2008
By Helmut A. Mader
Miami Dade Product Control
Division

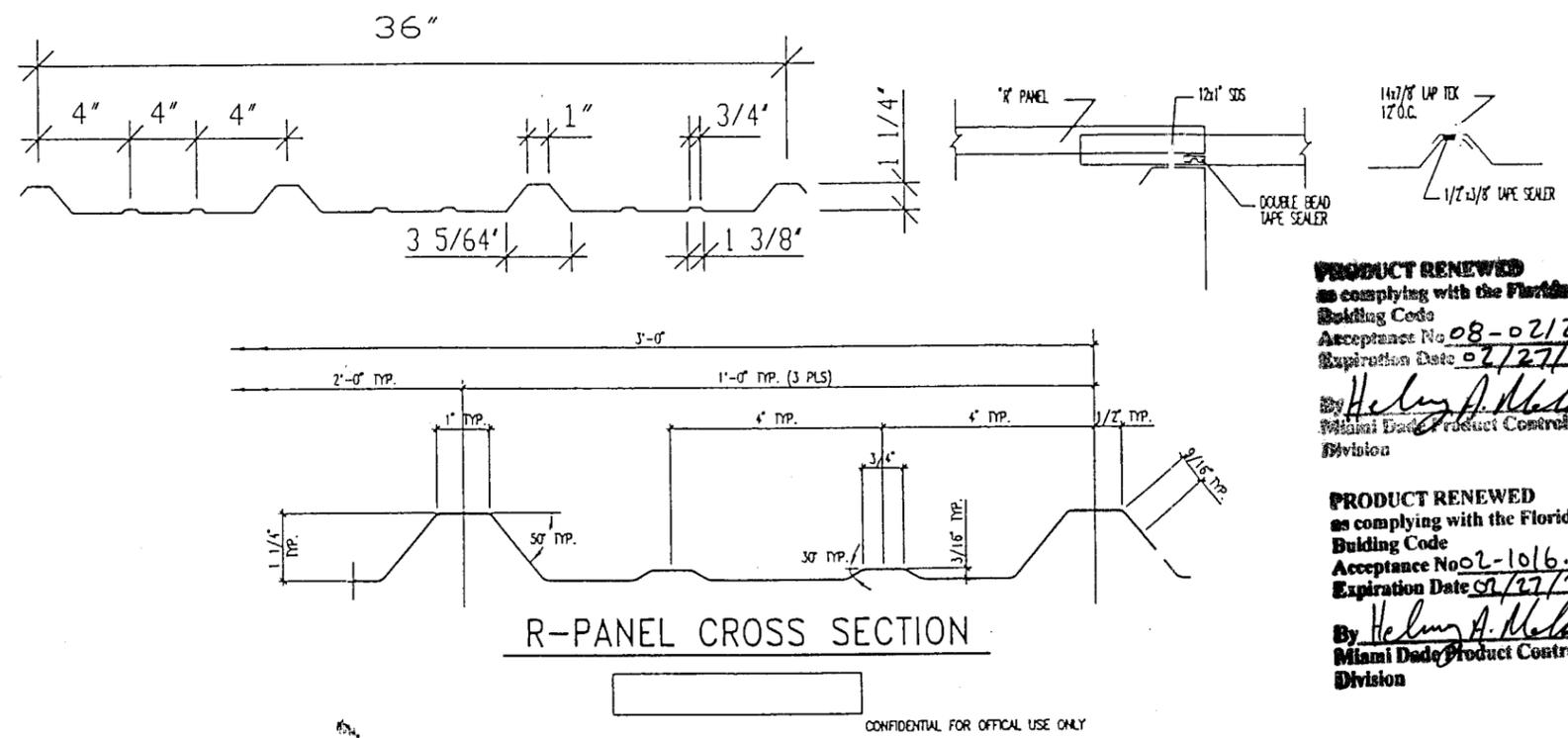
PRODUCT RENEWED
ACCEPTANCE No. 99-0823.04
EXPIRATION DATE February 27, 2003
By Helmut A. Mader
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE FEBRUARY 27, 1997
BY Helmut A. Mader
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0529.03

PRODUCT RENEWED
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Building Code
Acceptance No 08-0212.06
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Miami Dade Product Control
Division

Terrence E. Wolfe
02/05/97

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 FLASHING DETAIL	SCALE	1-30-97
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	96-0529-03
		DRAWING NUMBER	R95
		SHEET NUMBER	109



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 08-0212-06
 Expiration Date 02/27/2013
 By Helmy A. Matar
 Miami Dade Product Control
 Division

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 Building Code
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 Expiration Date 02/27/2008
 By Helmy A. Matar
 Miami Dade Product Control
 Division

- NOTES:**
- THE 22 GAGE OR 24 GAGE R-PANEL STANDING SEAM ROOF PANELS SHALL BE USED FOR ROOF CONSTRUCTION ONLY. THE ACTUAL ROOF PROJECT SHALL BE CONSTRUCTED USING THE SAME DETAILS SHOWN ON THESE DRAWINGS INCLUDING:
 - DETAILS OF ALL PANEL MATERIAL CHARACTERISTICS AND SECTIONS WITH DIMENSIONS AND THICKNESS.
 - ASSEMBLY DETAILS INCLUDING ALL CONNECTION'S FASTENERS DIAGRAM WITH SIZE AND LOCATION.
 - PANEL MAXIMUM SPAN AND PRESSURE FOR THE FIELD, PERIMETERS AND CORNERS SHOWN.
 - THE MAXIMUM ALLOWABLE SPANS AND PRESSURES FOR THE 24 GAGE STEEL FOUR PANEL ARE AS FOLLOWS:

	MAXIMUM PANEL SPAN	MAXIMUM PRESSURE(psf)
FIELD ZONE *	4'-0"	49.40
PERIMETER ZONE *	2'-0"	147.00
CORNER ZONE *	1'-0"	212.00

* ONE(1)-#14 TEK FASTENER PLACED ON ONE SIDE OF EACH RIB (i.e. 1-#14 @ 12").
 - THE MAXIMUM ALLOWABLE SPANS AND PRESSURES FOR THE 22 GAGE STEEL FOUR PANEL ARE AS FOLLOWS:

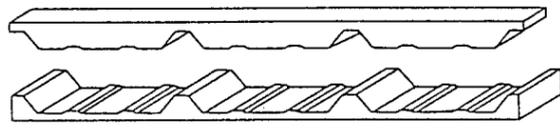
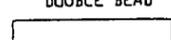
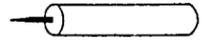
	MAXIMUM PANEL SPAN	MAXIMUM PRESSURE(psf)
FIELD ZONE **	4'-0"	53.00
PERIMETER ZONE **	2'-0"	169.00
CORNER ZONE **	1'-0"	238.00

** ONE(1)-#14 TEK FASTENER PLACED ON EACH SIDE OF EACH RIB (i.e. 2-#14 @ 12").

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
22	.029 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 #14 X 7/8" LAP TEK W/BOND SEAL WASHER #12 X 1 SDS W/EPDM WASHER #12 X 1 TEK 2 W/BOND SEAL WASHER #14 X 7/8" LAP TEK W/EPDM WASHER WG-7 INSIDE / OUTSIDE CLOSED CELL POLYETHYLENE FOAM 	GULF-SEAL SPECIALTIES, INC. P.O. BOX 508 SOUTH HOUSTON, TX 77587  TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)  TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)
	SCHNEE-MOREHEAD, INC. 111 NORTH NURSERY ROAD IRVING, TX 75060  PERMATHANE URETHANE CAULK

PRODUCT RENEWED

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE FEBRUARY 27, 1997
 EXPIRATION DATE FEBRUARY 27, 2003
 BY Helmy A. Matar
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 96-0529-03

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
SHEET TITLE	R-PANEL FLASHING DETAIL
LOCATION	DADE COUNTY, FLORIDA
DATE	1-30-97
PROJECT NUMBER	96-0529-03
SHEET NUMBER	R95 110

Terrence Wolfe
 02/05/97