



**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)

**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: '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", prepared by Terrence E. Wolfe, P.E., dated January 30, 1997, 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.

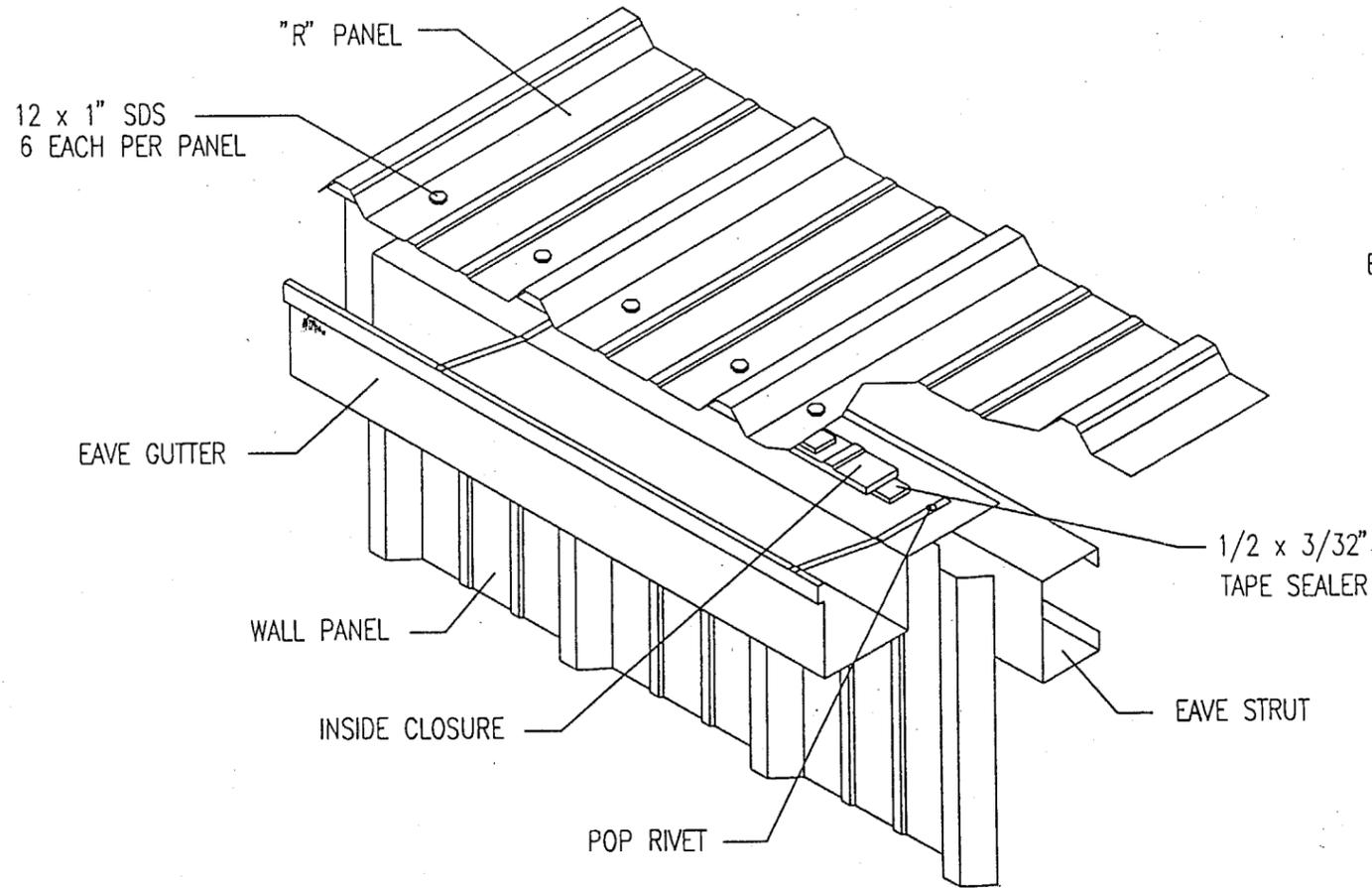
INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 99-0823.04 and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E.**

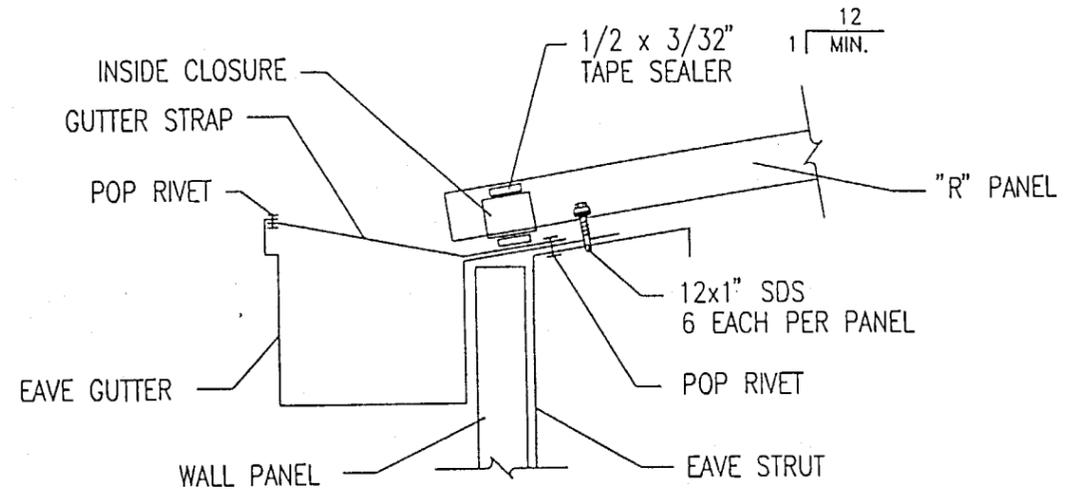


**NOA No 02-1016.04
Expiration Date: 02/27/2008
Approval Date: 02/13/2003
Page 1**

TYPICAL DETAILS GUTTER



ISOMETRIC VIEW OF
EAVE WITH GUTTER



CROSS SECTION OF
EAVE WITH GUTTER

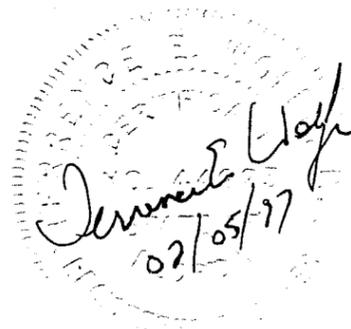
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-1016.04
Expiration Date 02/27/2008
By Helmut A. Mator
Miami Dade Product Control
Division

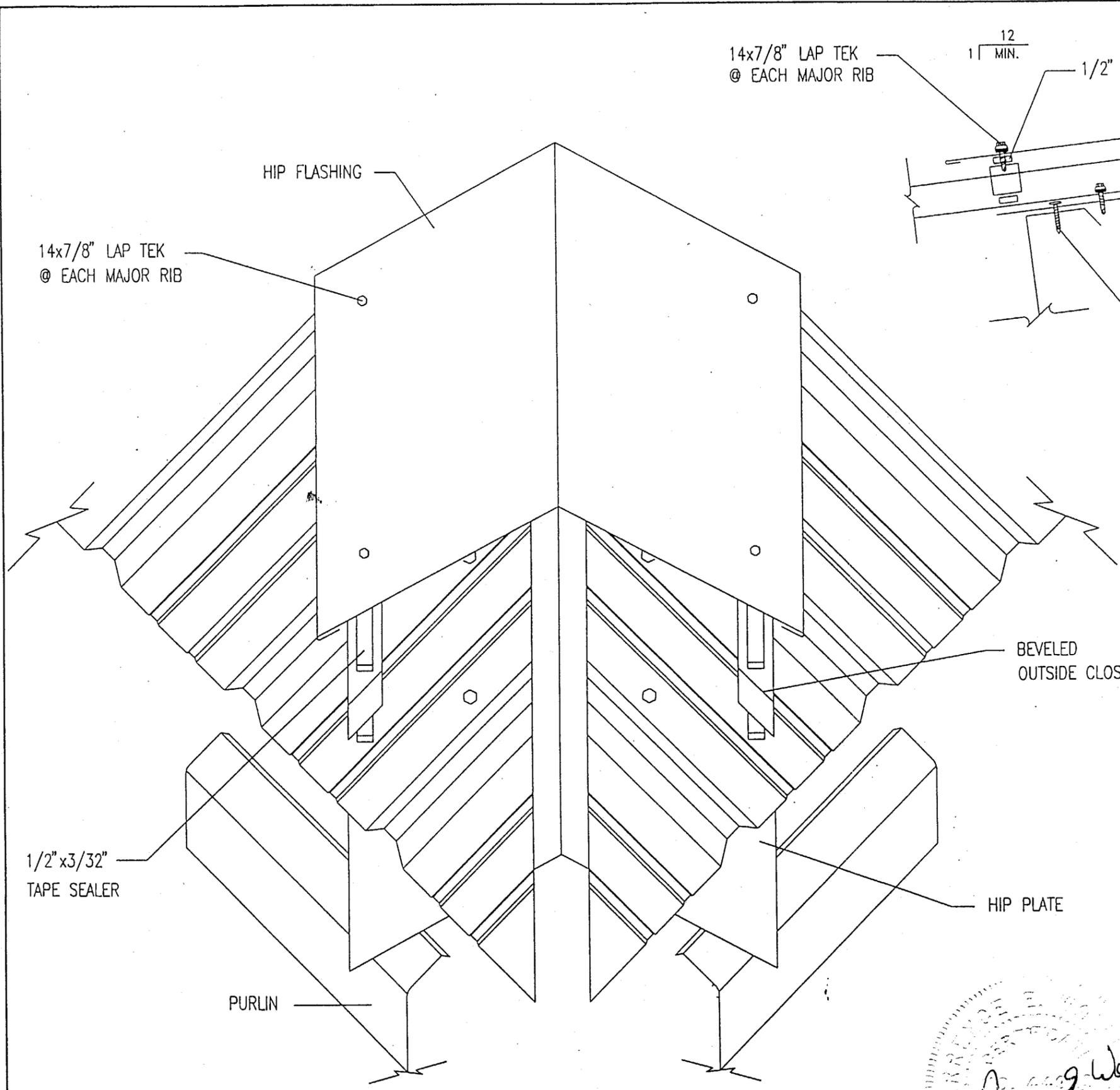
PRODUCT RENEWED

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

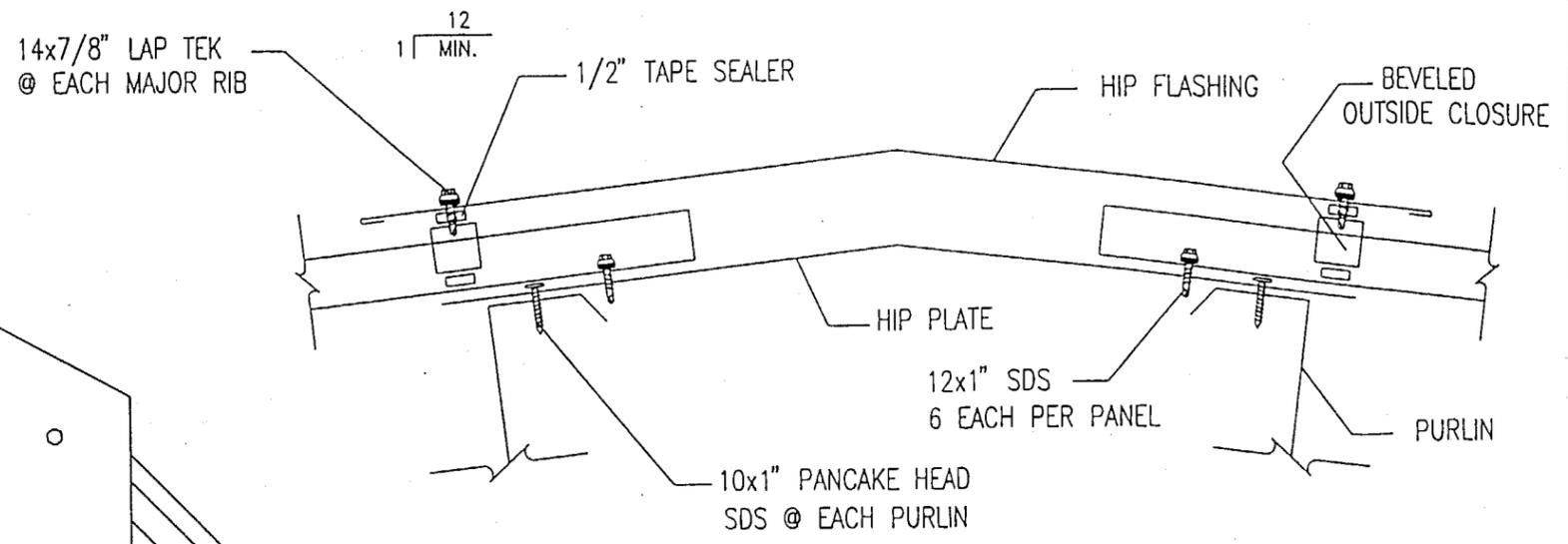
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE FEBRUARY 27, 1997
BY Helmut A. Mator
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0529.03

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	SCALE	1-30-97
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	96-0529-03
		SPACING NUMBER	R95
		SHEET NUMBER	101





ISOMETRIC VIEW OF HIP



CROSS SECTION OF HIP

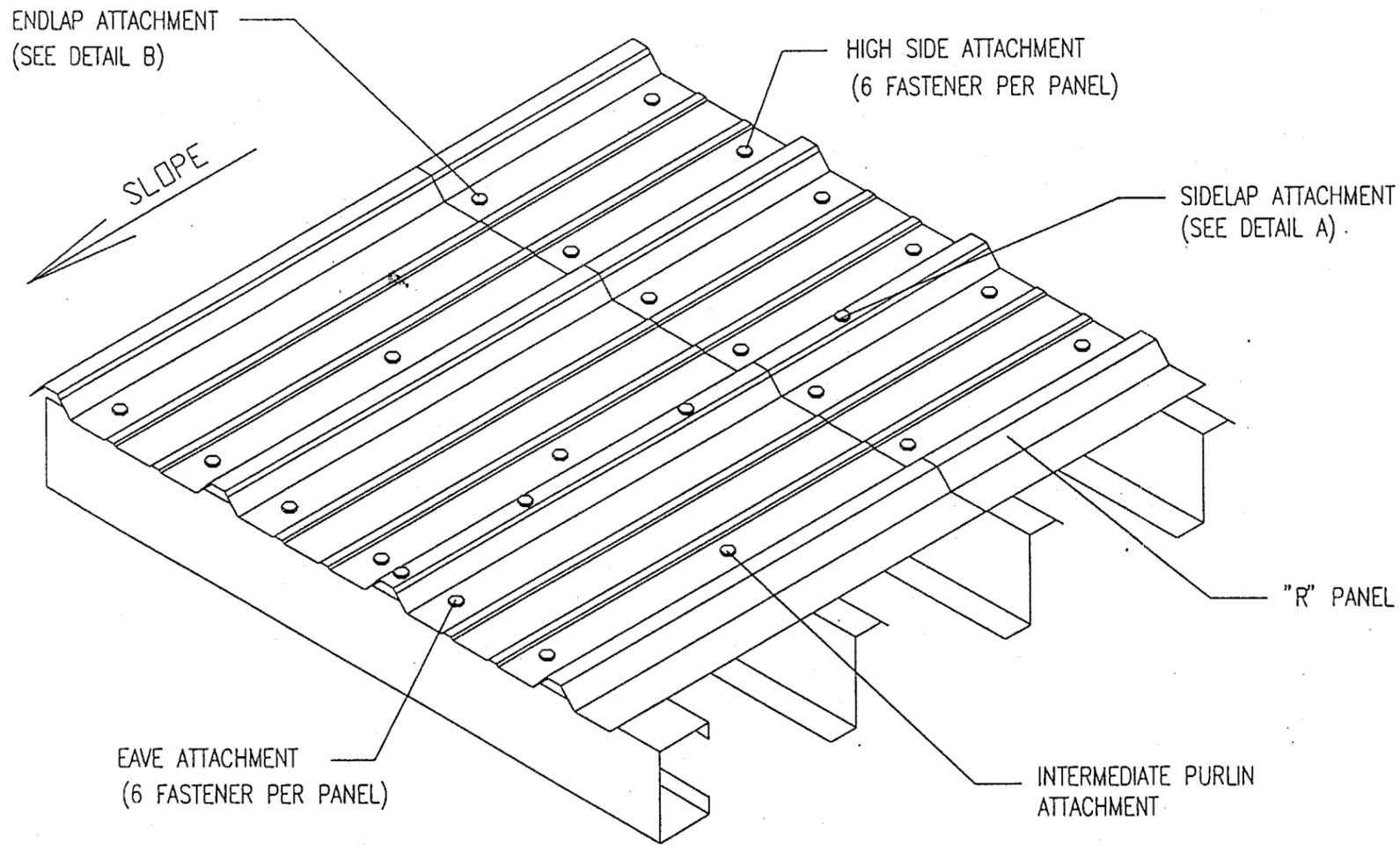
PRODUCT RENEWED
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 Building Code
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 By Helmut A. Mader
 Miami Dade Product Control
 Division

TYPICAL DETAILS
HIP

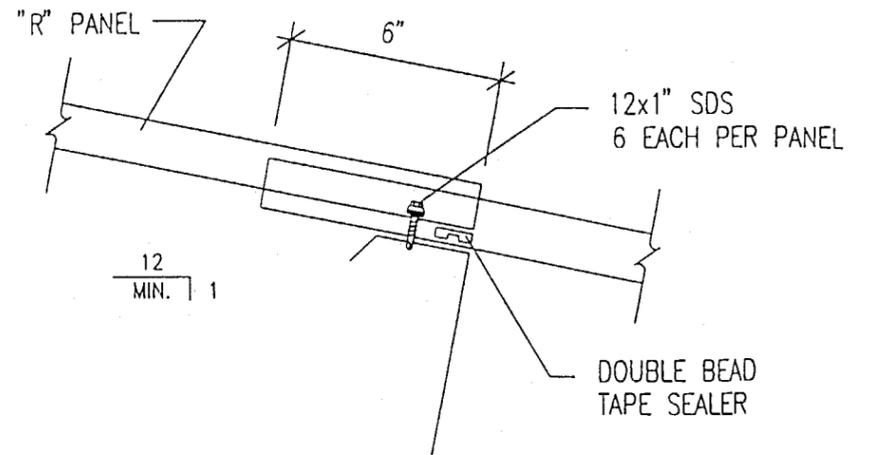
PRODUCT RENEWED		APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE	
ACCEPTANCE No. <u>99-0823-04</u>		DATE <u>FEBRUARY 27, 1997</u>	
EXPIRATION DATE <u>February 27, 2003</u>		BY <u>Helmut A. Mader</u>	
By <u>Helmut A. Mader</u>		PRODUCT CONTROL DIVISION	
PRODUCT CONTROL DIVISION		BUILDING CODE COMPLIANCE OFFICE	
BUILDING CODE COMPLIANCE OFFICE		ACCEPTANCE NO. <u>96-0529-03</u>	
MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
		14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8335	
PROJECT		DADE COUNTY PRODUCT APPROVAL	
SHEET TITLE		R-PANEL FLASHING DETAIL	
LOCATION		DADE COUNTY, FLORIDA	
REL. BY	DATE	DESCRIPTION	DATE
	1-30-97		NTS
PROJECT NUMBER	96-0529-03	DRAWING NUMBER	R95
		HEET NUMBER	102

Terrence Wolfe
 02/05/97

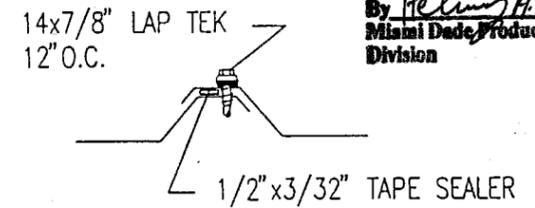
TYPICAL DETAILS
PANEL LAPS



ISOMETRIC VIEW OF
"R" PANEL ROOF



DETAIL B



DETAIL A

PRODUCT RENEWED
as complying with the Florida
Building Code
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Expiration Date 02/27/2008
By Helmut A. Mark
Miami Dade Product Control
Division

PRODUCT RENEWED

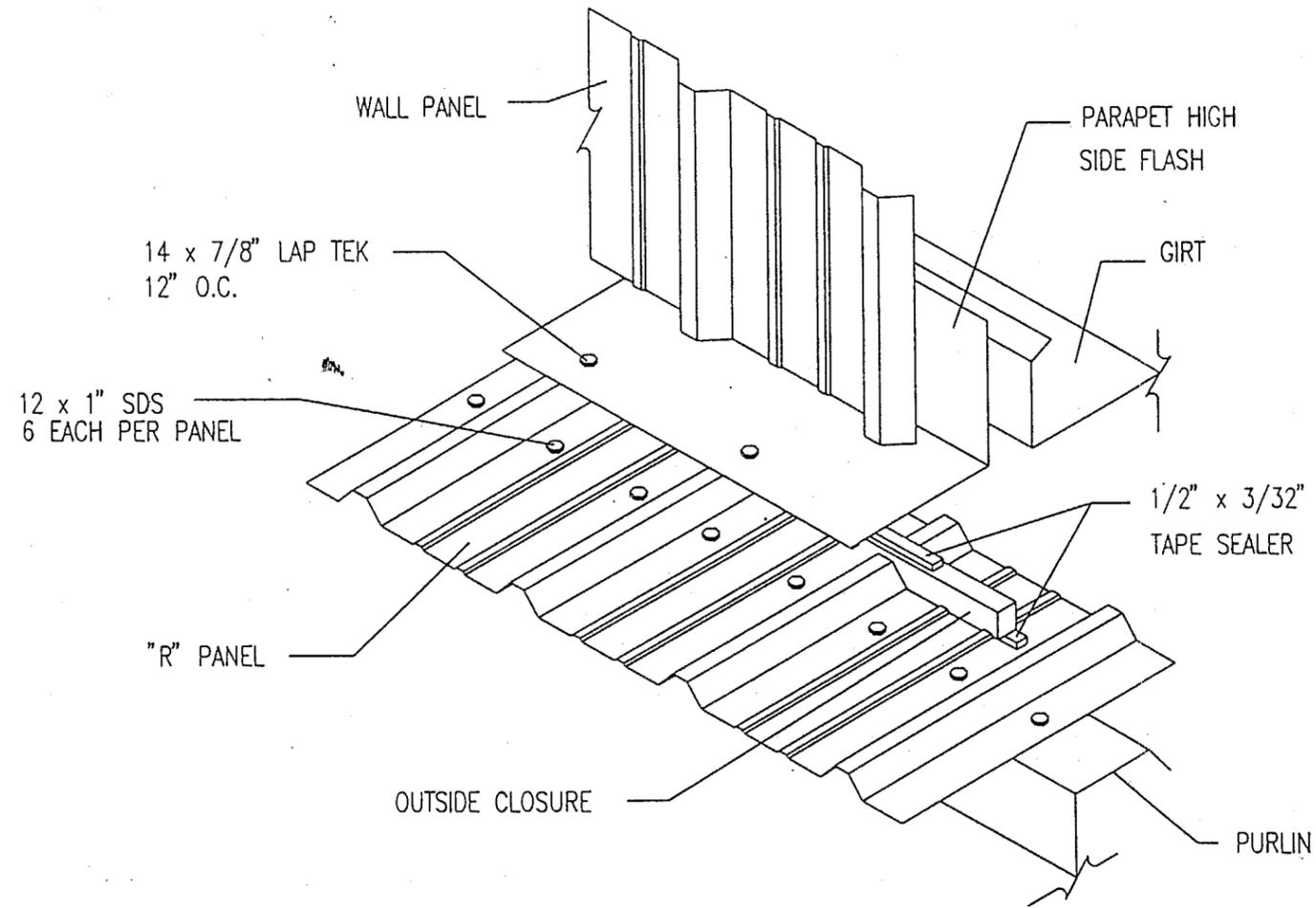
ACCEPTANCE No. 99-0823.04
EXPIRATION DATE February 27-2003
By Helmut A. Mark
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

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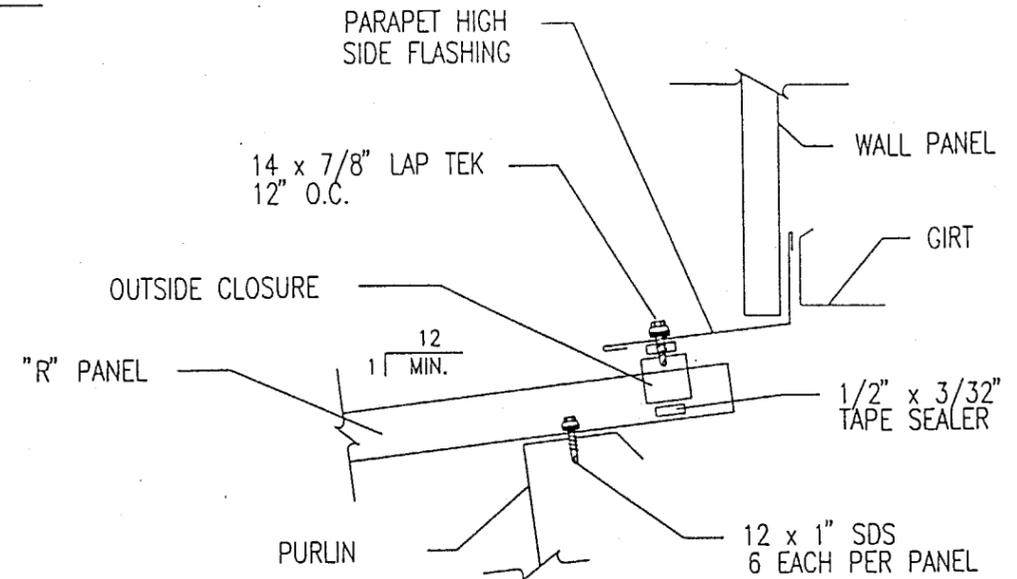
MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
 Metal Roof and Wall Systems		14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8555	
PROJECT	DADE COUNTY PRODUCT APPROVAL	REL. BY	DATE
SHEET TITLE	R-PANEL FLASHING DETAIL	SCALE	1-30-97 NTS
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	96-0529-03
		ISSUE NUMBER	R95
		SHEET NUMBER	103

Terrence E. Wolfe
02/05/97

TYPICAL DETAILS PARAPET HIGH SIDE



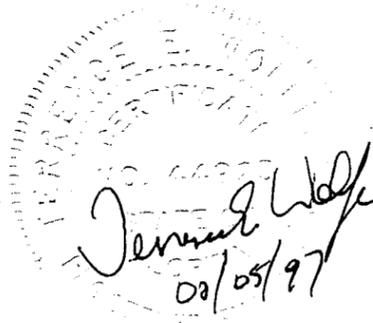
ISOMETRIC VIEW OF
HIGH SIDE PARAPET



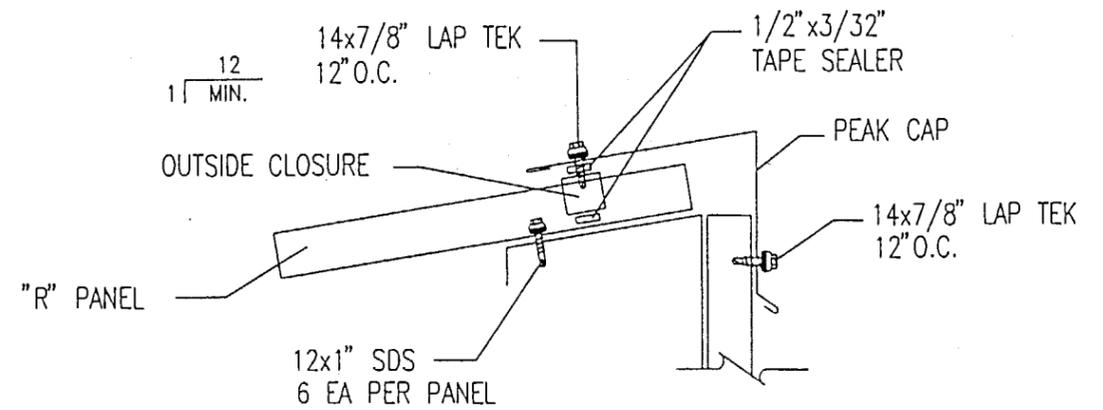
CROSS SECTION OF
HIGH SIDE PARAPET

PRODUCT RENEWED
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 Building Code
 Acceptance No. 02-1016.04
 Expiration Date 02/27/2008
 By Helmy A. Matar
 Miami Dade Product Control
 Division

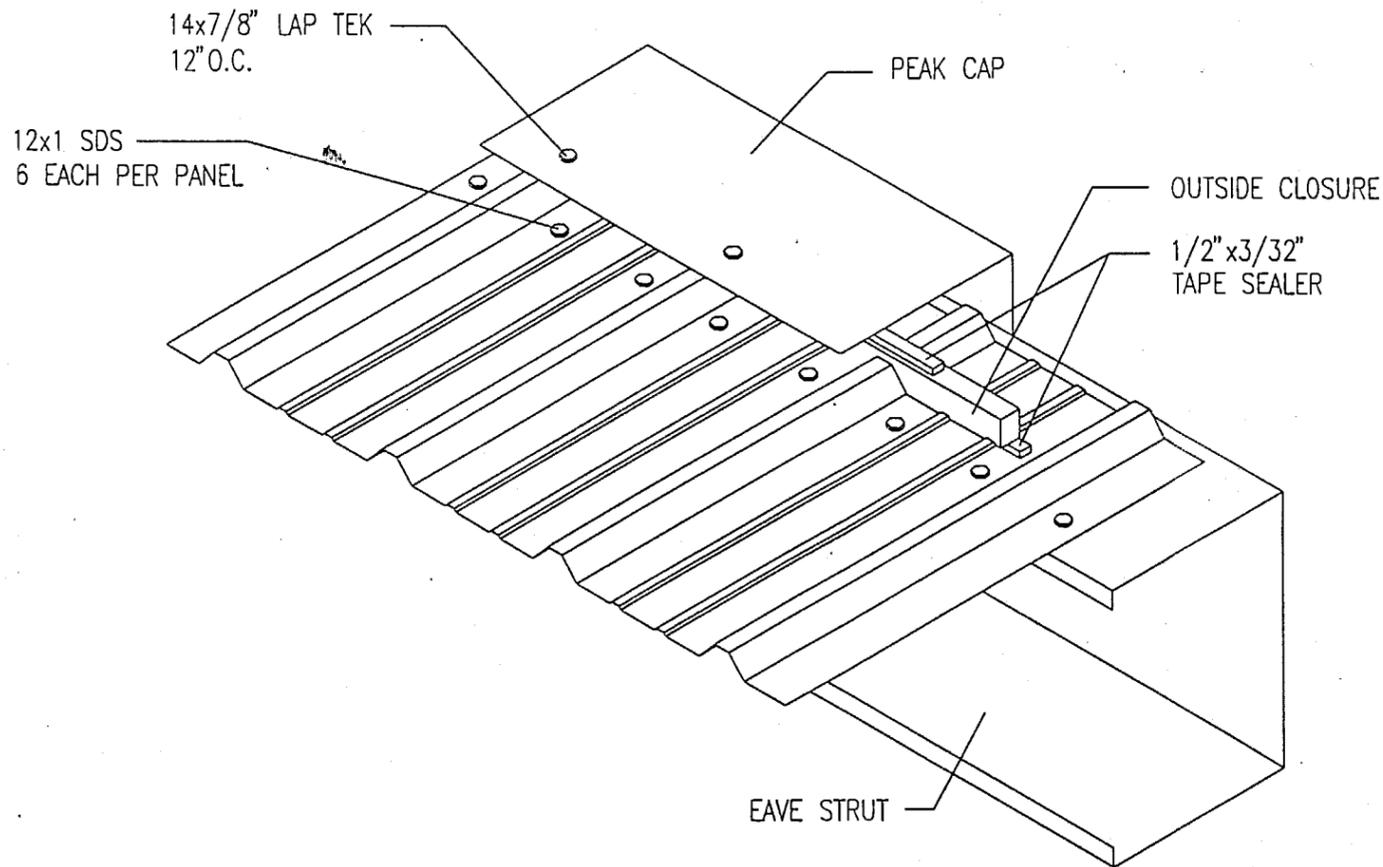
PRODUCT RENEWED		APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE	
ACCEPTANCE No. <u>99-0823.04</u>		DATE <u>FEBRUARY 27, 1997</u>	
EXPIRATION DATE <u>February 27-2003</u>		BY <u>Helmy A. Matar</u>	
By <u>Helmy A. Matar</u> PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE		PRODUCT CONTROL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


Terrence E. Wolfe
 02/05/97

TYPICAL DETAILS
PEAK



CROSS SECTION OF PEAK



ISOMETRIC VIEW OF PEAK

PRODUCT RENEWED
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Division

PRODUCT RENEWED

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EXPIRATION DATE FEBRUARY 27-2003
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PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

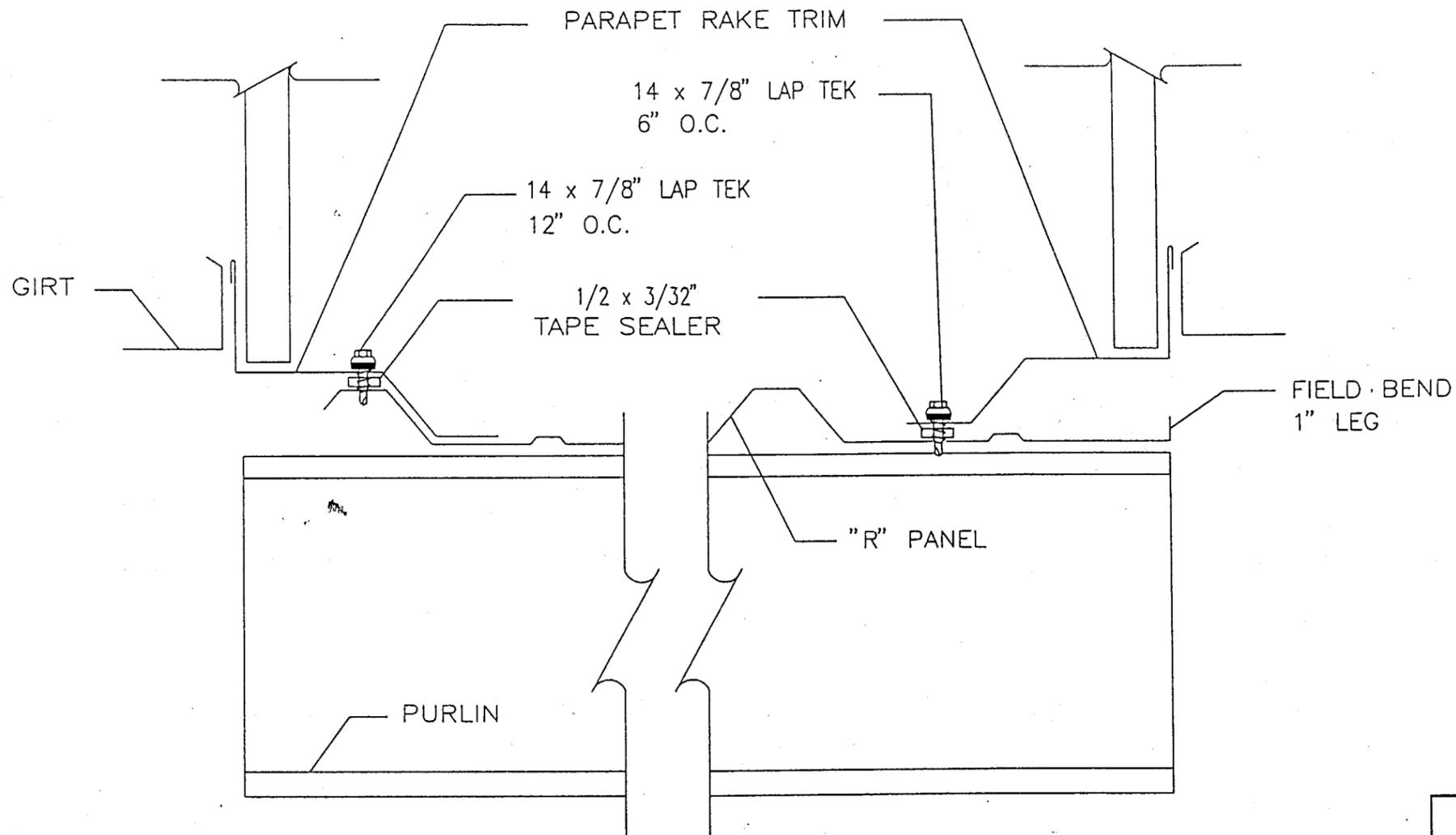
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE FEBRUARY 27, 1997
BY Helmut A. Mader
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0529.03

MANUFACTURING ENGINEER
TERRENCE E. WOLFE, P.E.

FLORIDA REGISTRATION NO.
44923

MCSI 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	CHECKED BY	DATE 1-30-97
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	96-0529-03
		ISSUED NUMBER	R95
		SHEET NUMBER	105

Terrence Wolfe
02/05/97



TYPICAL DETAILS
PARAPET RAKE

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

FINISHING
OFF MODULE

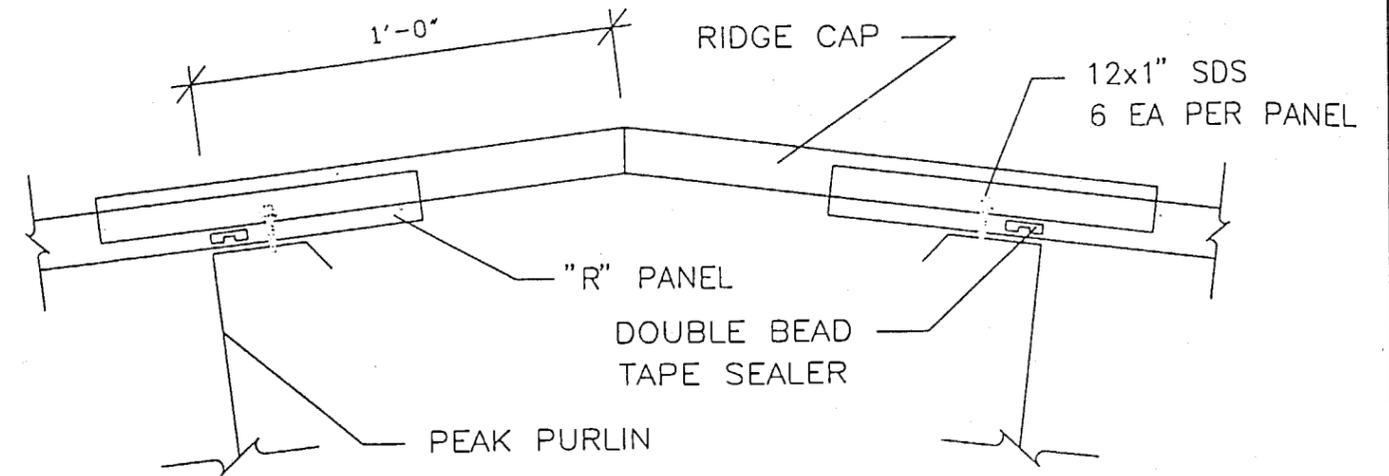
Terrence E. Wolfe
02/05/97

PRODUCT RENEWED

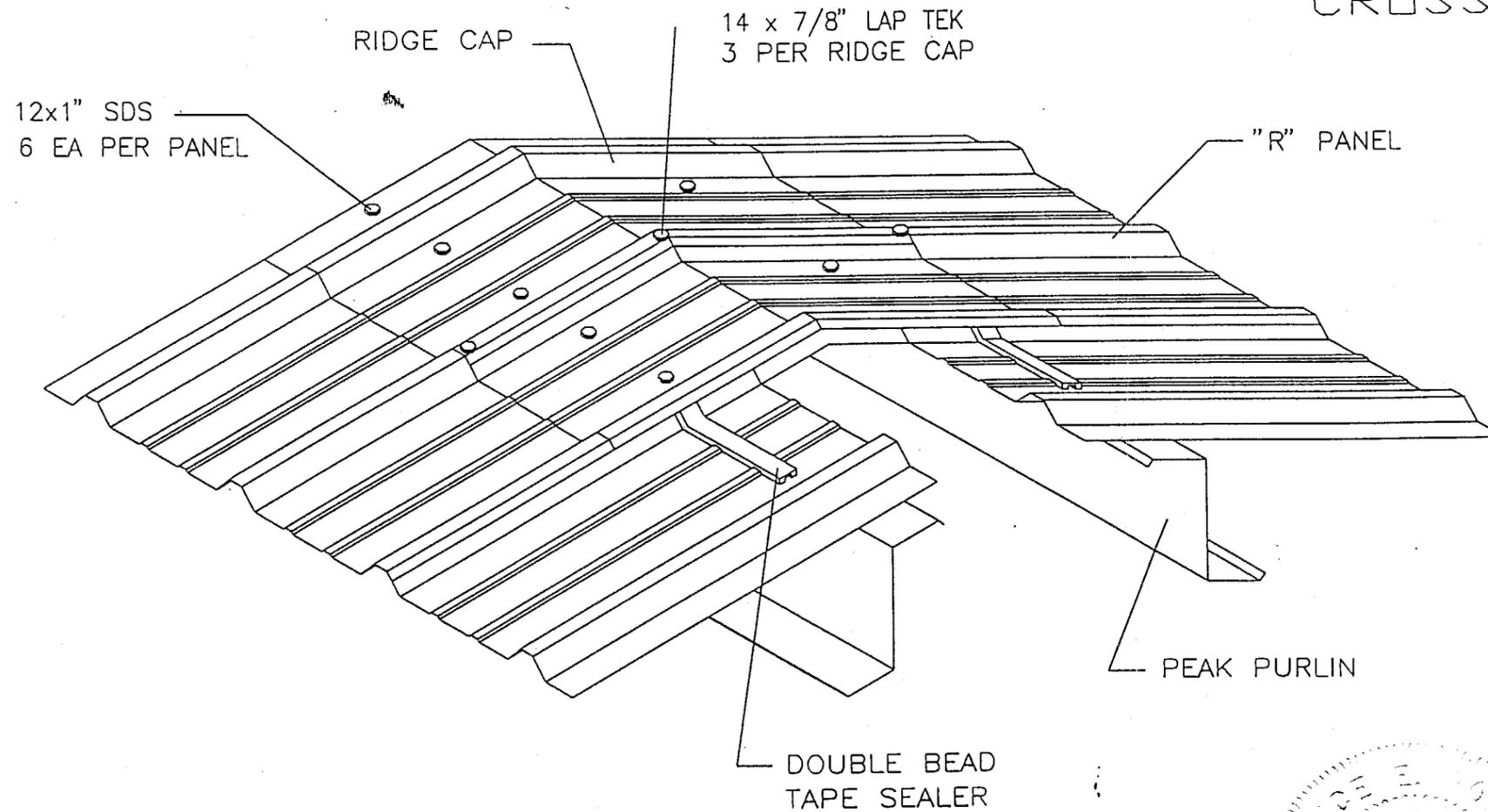
ACCEPTANCE No. 99-0823.04
EXPIRATION DATE FEBRUARY 27 2003
By Helmut A. Mader
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

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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)443-8555	
PROJECT	DADE COUNTY PRODUCT APPROVAL	REL.	DATE
SHEET TITLE	R-PANEL FLASHING DETAIL	DATE	1-30-97
LOCATION	DADE COUNTY, FLORIDA	SCALE	NTS
PROJECT NUMBER	96-0529-03	DRAWING 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 02-1016.04
Expiration Date 02/27/2008
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

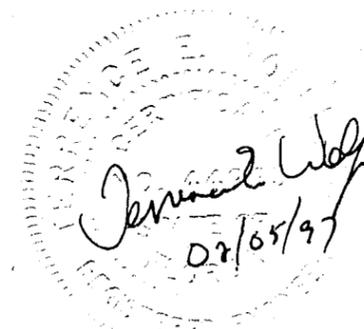
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE FEBRUARY 27 1997
BY *Helmut A. Mahr*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0529.03

MANUFACTURING ENGINEER
TERRENCE E. WOLFE, P.E.

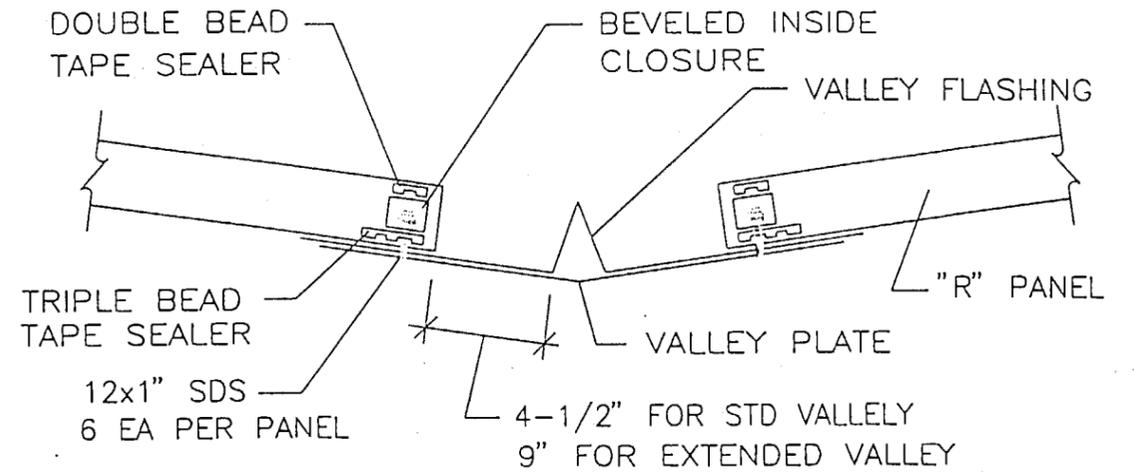
FLORIDA REGISTRATION NO.
44923



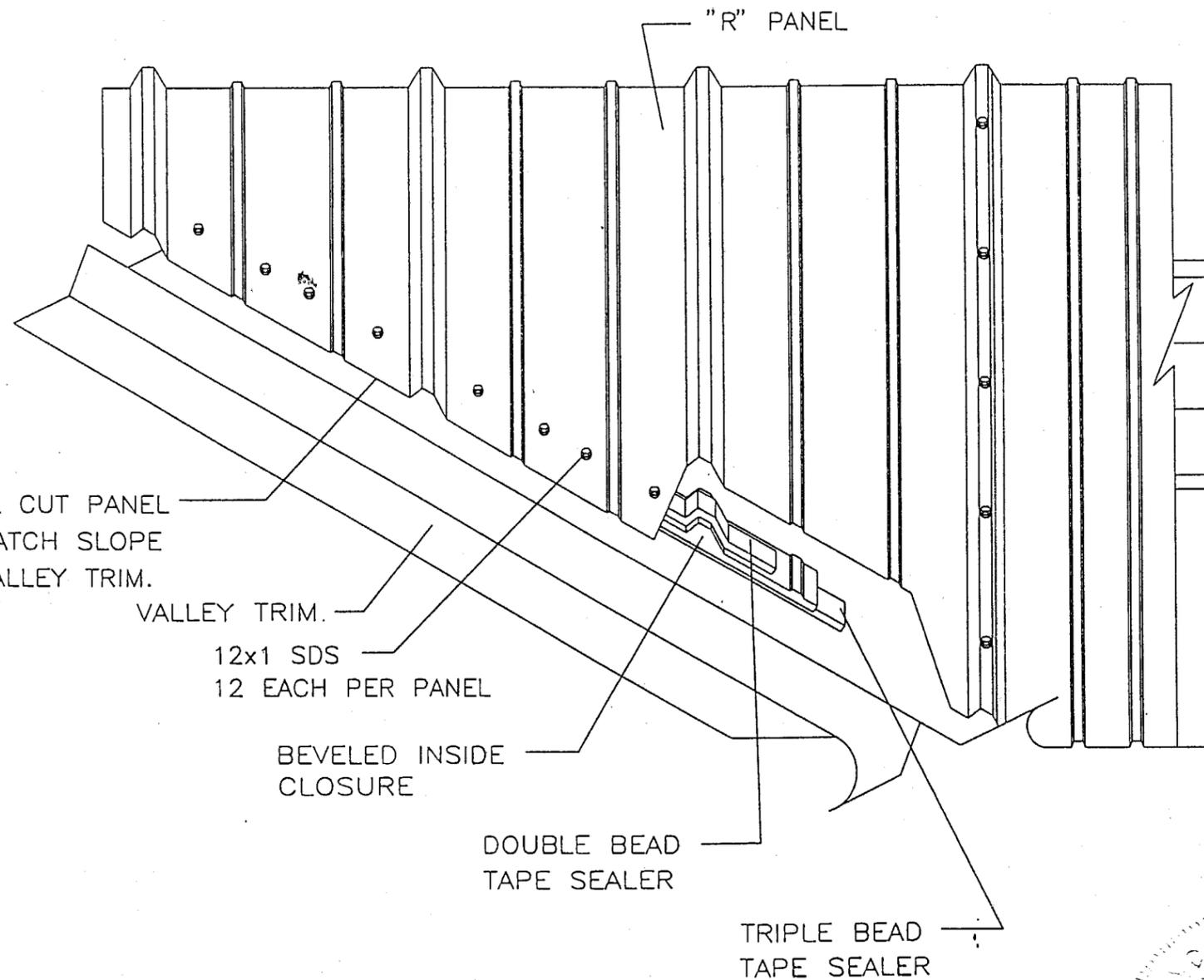
PROJECT	DADE COUNTY PRODUCT APPROVAL	REL. BY	DATE
SHEET TITLE	R-PANEL FLASHING DETAIL	DATE	1-30-97
LOCATION	DADE COUNTY, FLORIDA	SCALE	NTS
		PROJECT NUMBER	96-0529-03
		DWG. NUMBER	R95
		SHEET NUMBER	108



TYPICAL DETAILS
VALLEY



CROSS SECTION OF VALLEY



ISOMETRIC VIEW OF VALLEY

PURLIN

TYPICAL DETAILS
VALLEY

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

ACCEPTANCE No. 99-0823.04

EXPIRATION DATE February 27-2003

By Helmy A. Matar
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

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DATE FEBRUARY 27, 1997
BY Helmy A. Matar
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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)443-8555

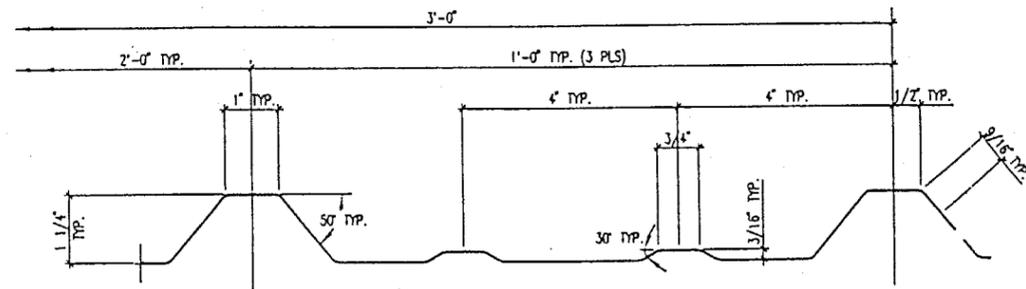
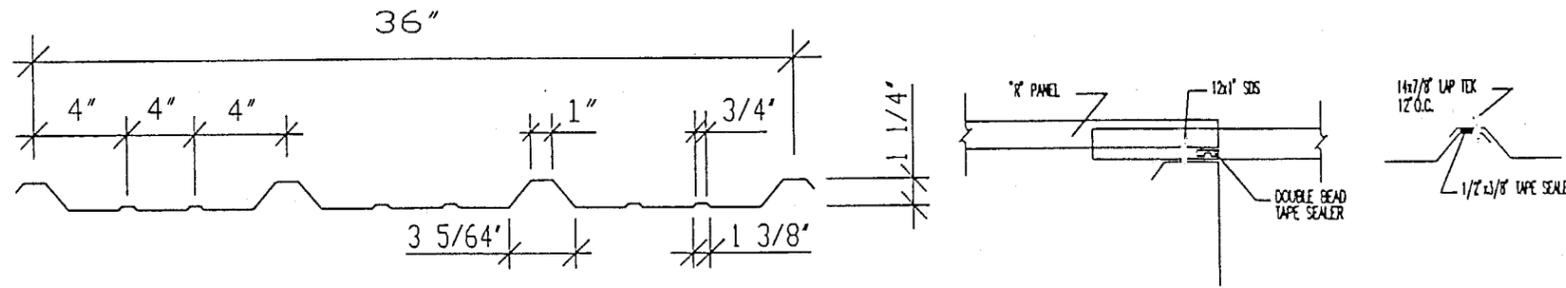
PROJECT
DADE COUNTY PRODUCT APPROVAL

SHEET TITLE
R-PANEL FLASHING DETAIL

LOCATION
DADE COUNTY, FLORIDA

REL.	BY	DESCRIPTION	DATE
			1-30-97
			NTS.
PROJECT NUMBER	96-0529-03	DRAWING NUMBER	R95
		SHEET NUMBER	109

Terrence Wolfe
02/05/97



R-PANEL CROSS SECTION

CONFIDENTIAL FOR OFFICIAL USE ONLY

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

NOTES:

1. 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:

- a. DETAILS OF ALL PANEL MATERIAL CHARACTERISTICS AND SECTIONS WITH DIMENSIONS AND THICKNESS.
- b. ASSEMBLY DEATILS INCLUDING ALL CONNECTION'S FASTENERS DIAGRAM WITH SIZE AND LOCATION.
- c. PANEL MAXIMUM SPAN AND PRESSURE FOR THE FIELD, PERIMETERS AND CORNERS SHOWN.

2. 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").

3. 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

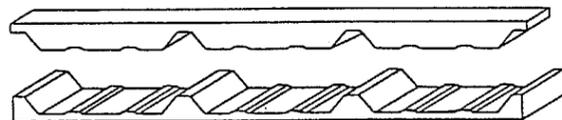
#14 X 7/8" LAP TEK W/BOND SEAL WASHER

#12 X 1 SDS W/EPDM WASHER

#12 X 1 TEK 2 W/BOND SEAL WASHER

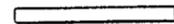
#14 X 7/8" LAP TEK W/EPDM WASHER

WG-7 INSIDE / OUTSIDE CLOSED CELL POLYETHYLENE FOAM



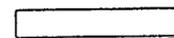
GULF-SEAL SPECIALTIES, INC.
 P.O. BOX 508
 SOUTH HOUSTON, TX 77587

1/2 X 3/32



TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)

DOUBLE BEAD



TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)

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

PERMATHANE URETHANE CAULK

Terrence E. Wolfe
 02/05/97

PRODUCT RENEWED

ACCEPTANCE No. 99-0823-04

EXPIRATION DATE FEBRUARY 27, 2003

By Helmy A. Matar
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
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MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
		14031 West Hordy 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
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		SHEET NUMBER	110