



MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING

**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

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

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

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

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

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

Your application for Product Approval of:

**"Superlok-16" 22 Gauge Standing Seam Metal Roof 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 approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime 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 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.:** 00-0501.08

**Expires:** 07/06/2003

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 Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.

Director  
Miami-Dade County  
Building Code Compliance Office

**Approved:** 07/06/2000

1 of 3



**MBCI-Metal Building Components, Inc.**

ACCEPTANCE No. : 00-0501.08  
APPROVED : JUL 0 6 2000  
EXPIRES : JUL 0 6 2003

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

This approves a 22 gauge Structural Galvalume Coated Steel Roof 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 22 gauge Structural Galvalume Coated Steel Roof Panel, conforms to *ASTM A792 Grade 50A*, and its components shall be constructed in strict compliance with the following documents: Drawing No. SL 22, titled "Superlok Details", prepared by Terrence E. Wolfe, P.E., dated March 25, 1998, signed and sealed by Terrence E. Wolfe, P.E. on May 30, 2000, sheets 1, 2, 3, 4, 5, 6, and 7 of 7, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date 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 22 gauge Structural Galvalume Coated Steel Roof 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.

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

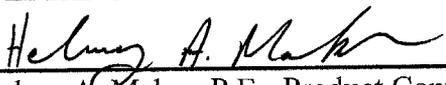
**MBCI-Metal Building Components, Inc.**

ACCEPTANCE No. : 00-0501.08  
APPROVED : JUL 06 2000  
EXPIRES : JUL 06 2003

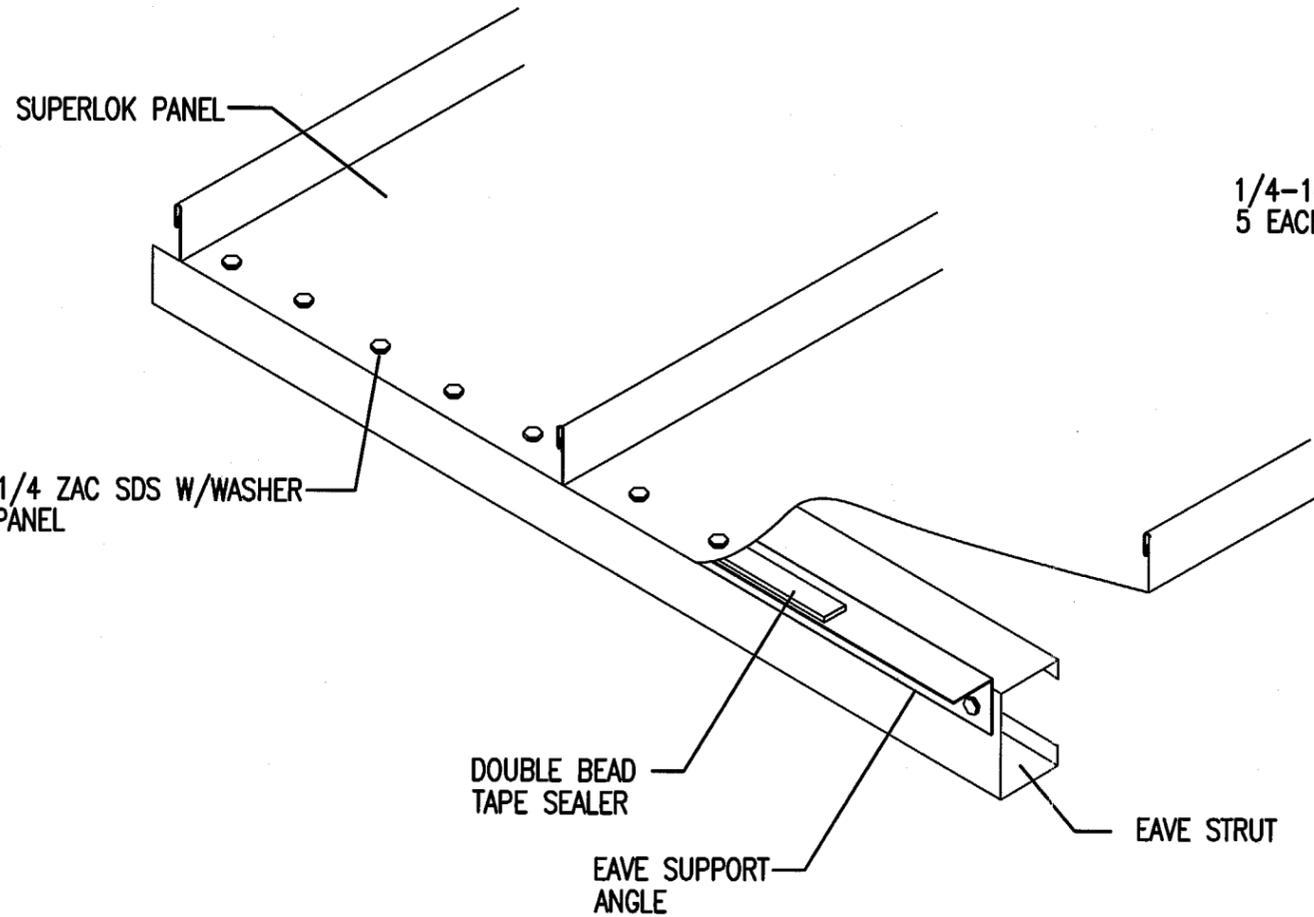
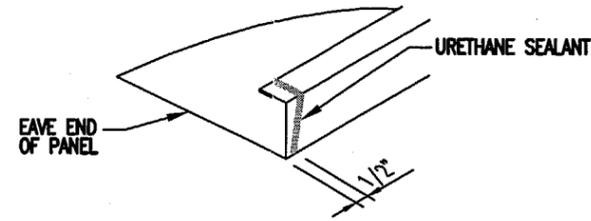
**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

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.

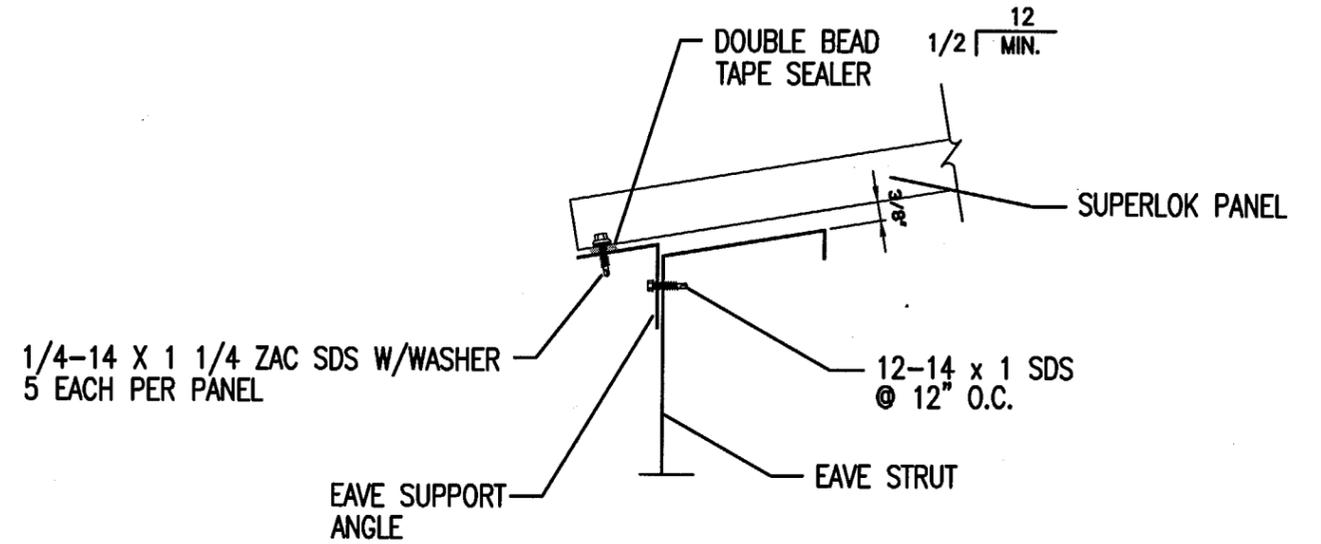
**END OF THIS ACCEPTANCE**

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

TYPICAL DETAILS  
EAVE



ISOMETRIC VIEW OF EAVE



CROSS SECTION OF EAVE

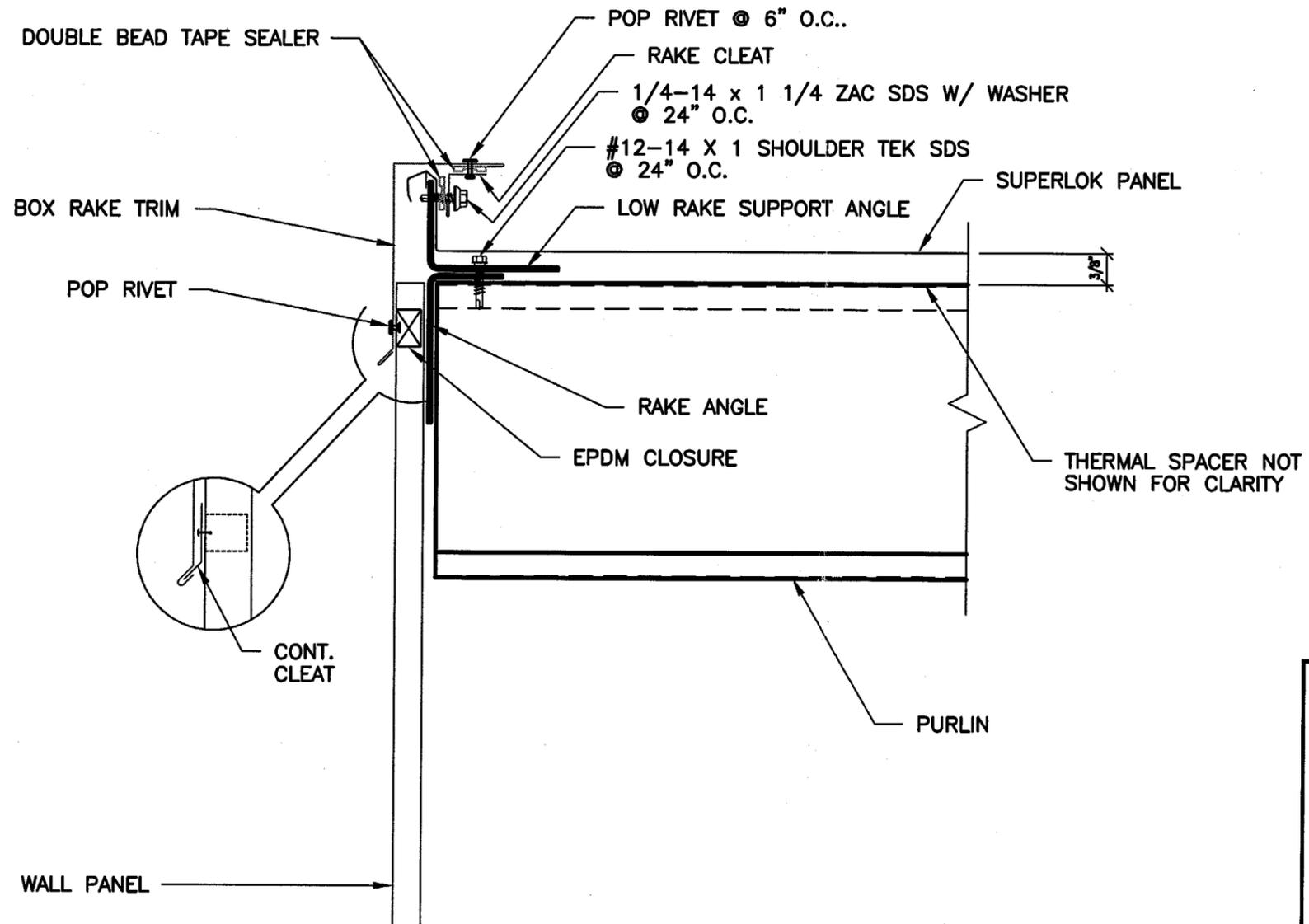
APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 06, 2000  
By Helmut A. Wolfe  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0501.08

MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44023	
 <b>MBCI</b> 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	SUPERLOK DETAILS	CHECKED BY	DATE 3-25-98
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	SL 22
		DRAWING NUMBER	1 OF 7

*Terrence Wolfe*  
5-30-00

# TYPICAL DETAILS

## RAKE



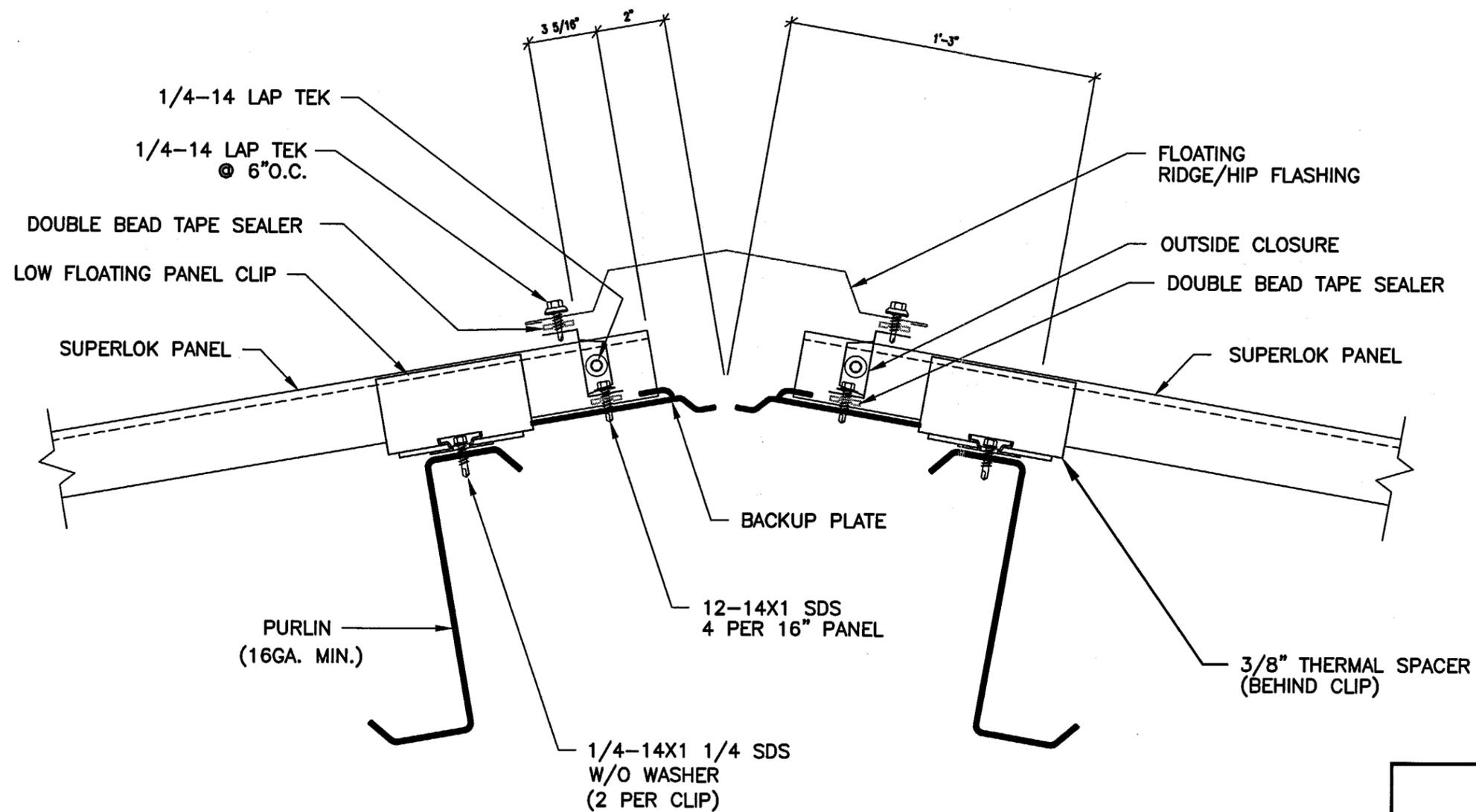
CROSS SECTION OF RAKE

*Terrence E. Wolfe*  
5-30-00

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 06, 2000  
BY Terrence E. Wolfe  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0501.08

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		SUPERLOK DETAILS	
LOCATION		DADE COUNTY, FLORIDA	
REL.	BY	DESCRIPTION	DATE
			3-25-98
CHECKED BY		SCALE	NTS
PROJECT NUMBER	SL 22	DRAWING NUMBER	2 OF 7

# TYPICAL DETAILS RIDGE



CROSS SECTION OF RIDGE

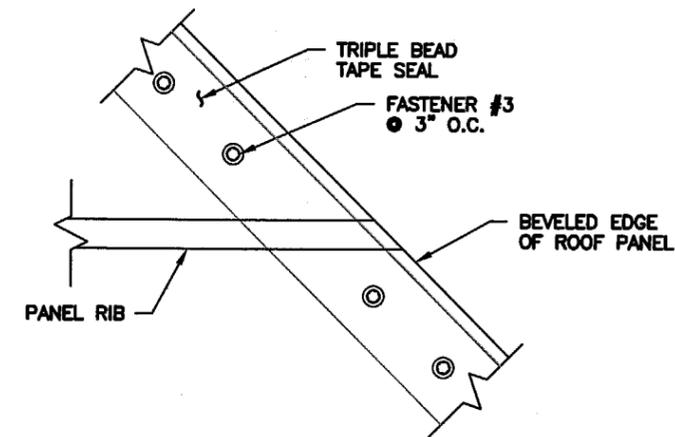
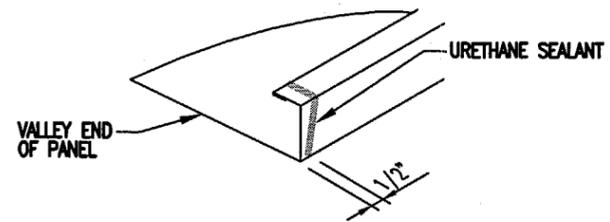
*Terrence E. Wolfe*  
5-30-00

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 06, 2000  
BY Helmut A. Mahr  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0501.08

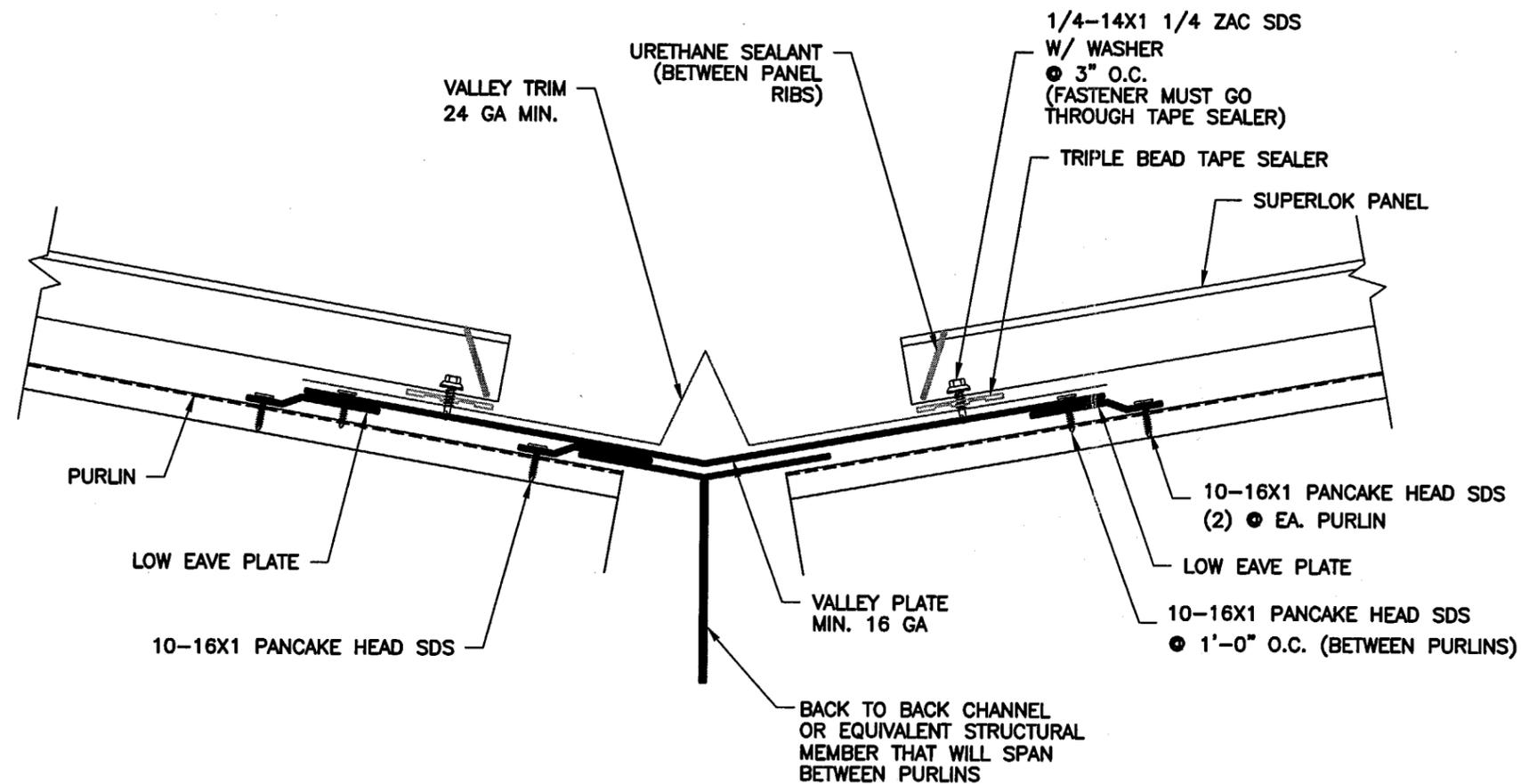
MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
 <b>MBCI</b> Metal Roof and Wall Systems		14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8555	
PROJECT	DADE COUNTY PRODUCT APPROVAL	REL. BY	DATE
SHEET TITLE	SUPERLOK DETAILS	CHECKED BY	DATE 3-25-98
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	SCALE NTS
		SL 22	3 OF 7

# TYPICAL DETAILS

## VALLEY



ISOMETRIC VIEW OF VALLEY

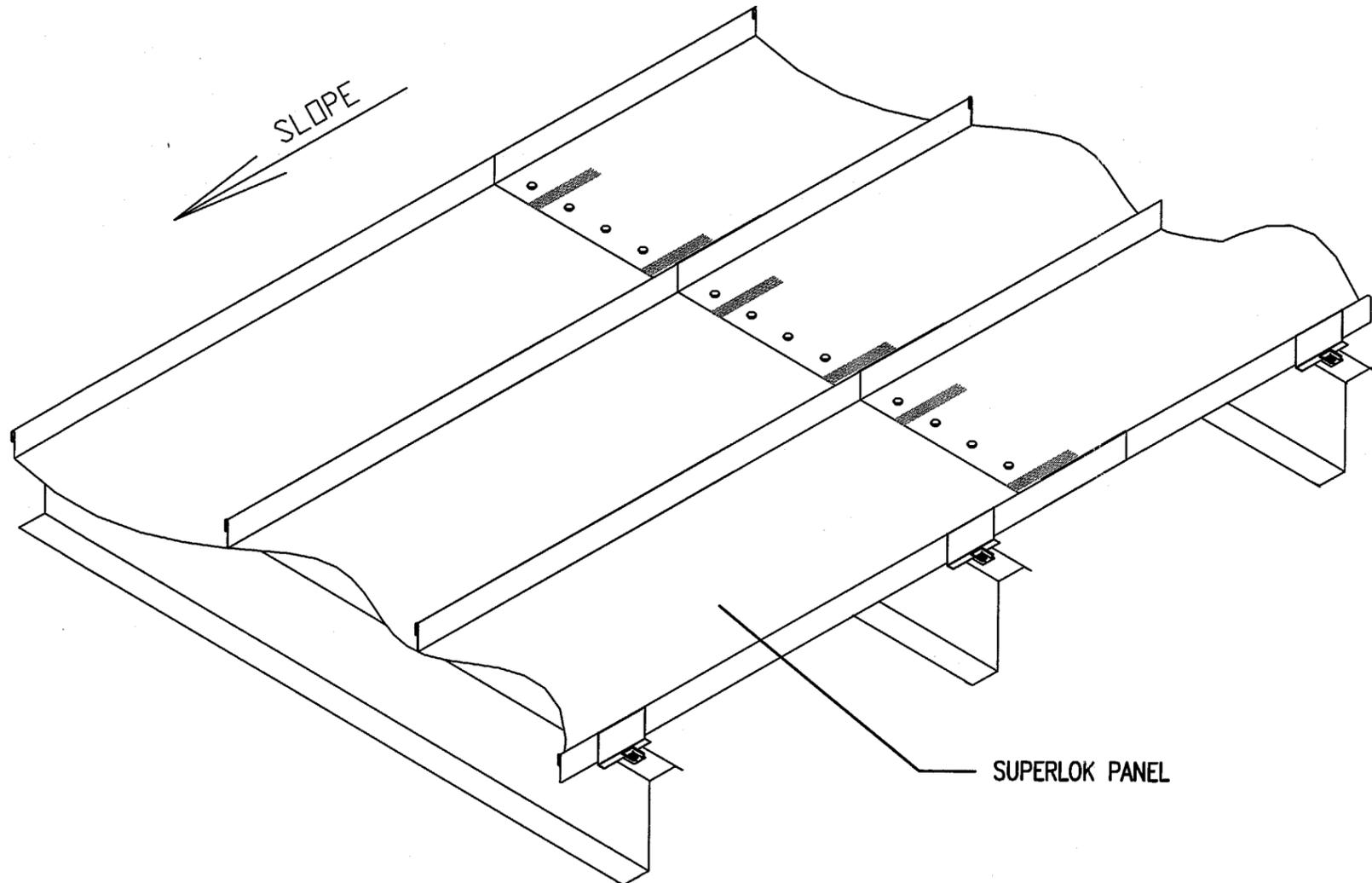
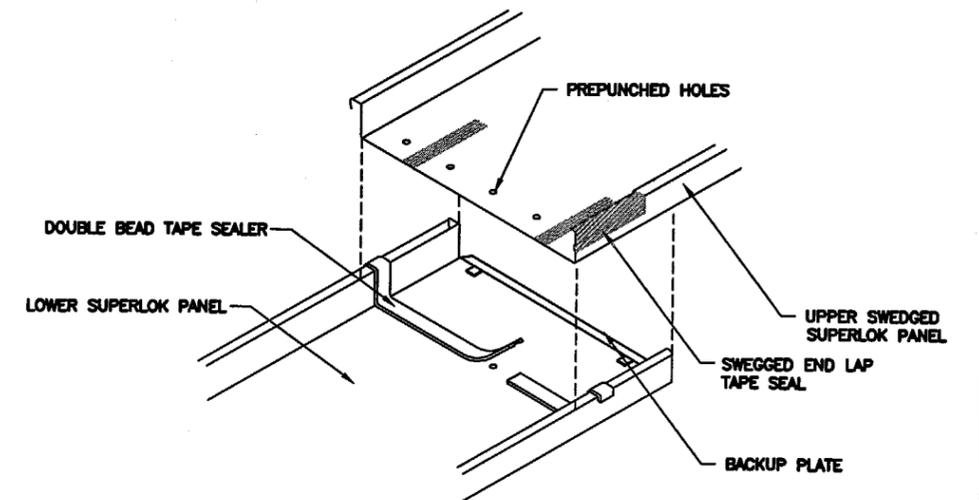
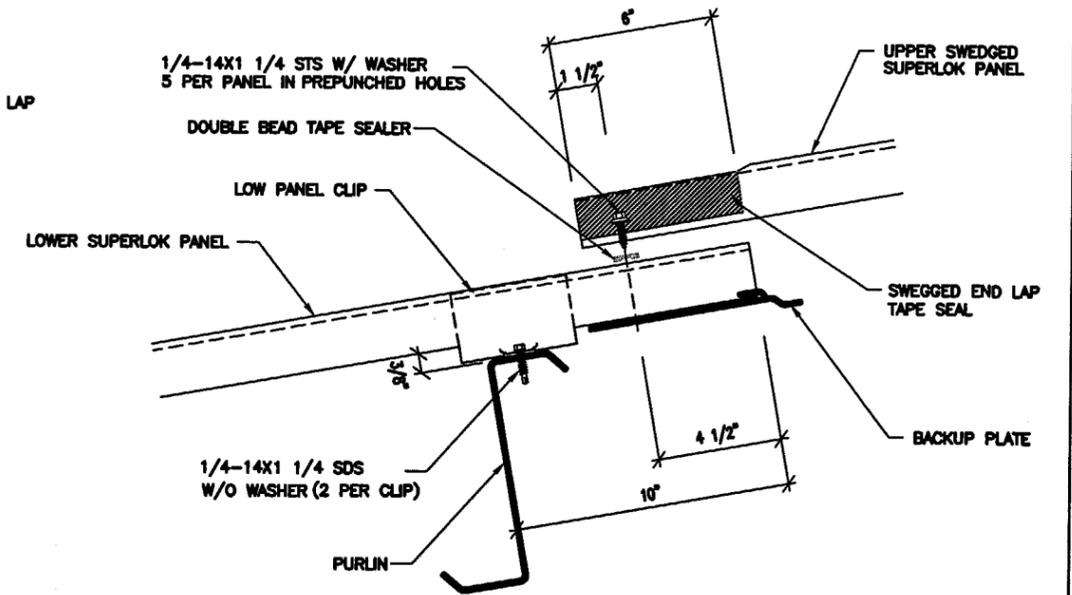
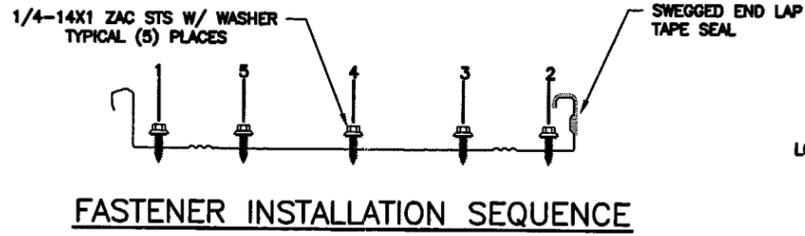


CROSS SECTION OF VALLEY

*Terrence E. Wolfe*  
5-30-00

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE			
DATE <u>July 06, 2000</u>			
BY <u>Heather A. Miller</u>			
PRODUCT CONTROL DIVISION			
BUILDING CODE COMPLIANCE OFFICE			
ACCEPTANCE NO. <u>00-0501.08</u>			
MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
 <b>MBCI</b> Metal Roof and Wall Systems		14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8555	
PROJECT		DADE COUNTY PRODUCT APPROVAL	
SHEET TITLE	CHECKER DR.	DATE	3-25-98
SUPERLOK DETAILS	SCALE	NTS	
LOCATION	PROJECT NUMBER	DRAWING NUMBER	4 OF 7
DADE COUNTY, FLORIDA	SL 22		

TYPICAL DETAILS  
PANEL LAPS



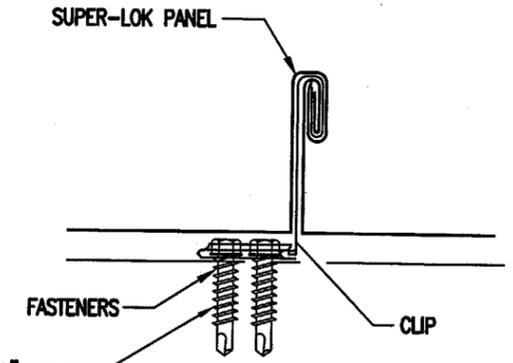
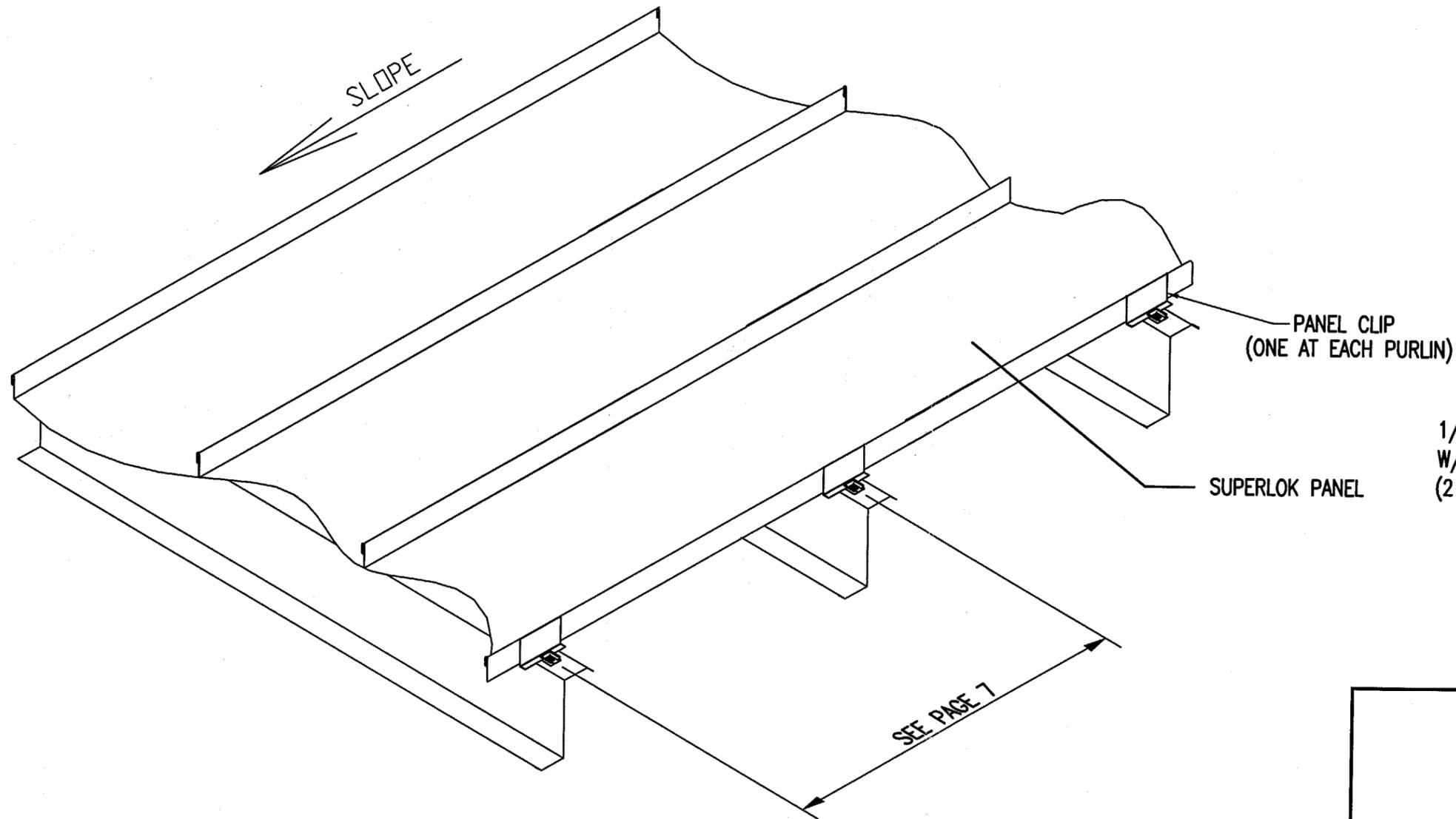
ISOMETRIC VIEW OF SUPERLOK PANEL

*Terrence E. Wolfe*  
5-30-00

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 06, 2000  
BY Heather A. Walker  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0501-08

MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
 <b>MBCI</b> 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	SUPERLOK DETAILS	DATE	3-25-98
LOCATION	DADE COUNTY, FLORIDA	SCALE	NTS
	PROJECT NUMBER	DRAWING NUMBER	
	SL 22	5 OF 7	

# TYPICAL DETAILS FASTENER DIAGRAM



1/4-14 X 1 1/4" SDS.  
W/O WASHER  
(2 PER CLIP)

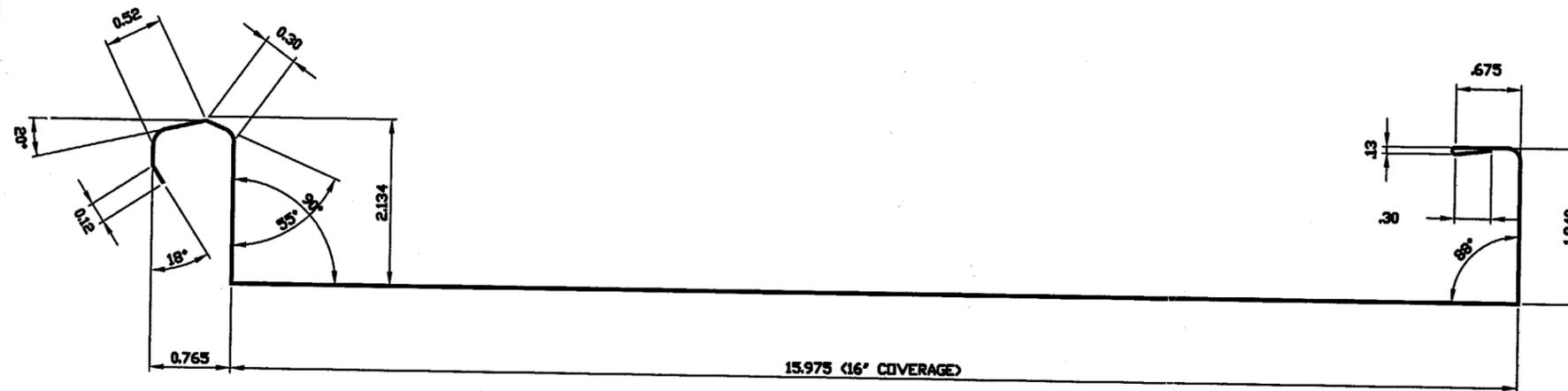
CROSS SECTION  
AFTER SEAMING

ISOMETRIC VIEW OF SUPERLOK PANEL

*Terrence E. Wolfe*  
5-30-00

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 06, 2000  
BY Halley H. Mader  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0501.08

MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E. DISCIPLINE : CIVIL	
FLORIDA REGISTRATION NO.		44923	
 <b>MBCI</b> Metal Roof and Wall Systems		14031 West Hardy Rd Houston, Texas 77060 Ph. (713)445-8555	
PROJECT	DADE COUNTY PROJECT APPROVAL	REL. BY	DATE
SHEET TITLE	SUPERLOK DETAILS	DATE	3-25-98
LOCATION	DADE COUNTY, FLORIDA	CHECKED BY	SOLE: NTS
		PROJECT NUMBER	SL 22
		DRAWING NUMBER	6 OF 7



**SUPERLOK CROSS SECTION**

**NOTES:**

1. THE 22 GAGE SUPERLOK 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 DETAILS 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 22 GAGE STEEL ROOF PANEL ARE AS FOLLOWS:

	MAXIMUM PANEL SPAN	MAXIMUM PRESSURE(psf)
FIELD ZONE	5'-0"	51.49
EDGE ZONE	1'-0"	104.72

3. ALL PANEL SUBMEMBERS SHALL BE STEEL WITH 16GA. MINIMUM. THICKNESS.

**PANEL PROPERTIES**

PANEL GAUGE	PANEL THICKNESS	YIELD STRENGTH	TENSILE STRENGTH	ELONGATION	HARDNESS	STEEL COATING	PAINT COATINGS
22	.029 MIN.	50 KSI	55-70 KSI	20-36%	50-65 HRB	AZ 55	SIG 300 KYNAR

**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
- 1/4-14 X 1 1/4 SDS W/ WASHER
- #12-14 X 1 SDS
- 1/4-14 X 1 1/4 SDS #2 PT. W/O WASHER
- #10-16 PANCAKE HEAD SDS
- 1/4-14 X 1 ZAC STS W/ WASHER
- #12-14 X 1 SHOULDER TEK SDS

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

- DOUBLE BEAD TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)
- TRIPLE BEAD TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)
- SNEEZED ON LIP TYPE SEAL TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)

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

PERMATHANE URETHANE CAULK

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE: July 06, 2000  
 BY: Terrence E. Wolfe  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0501-08

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	SUPERLOK DETAILS	SCALE	3-25-98
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	SL 22
		DRAWING NUMBER	7 OF 7