



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)**

**MBCI-Metal Building Components, L.P.**  
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: (Superlok-16) 0.029" (min.) Standing Seam Metal Roof Panel**

**APPROVAL DOCUMENT:** Drawing No. SL 22, titled " Superlok Details ", sheets 1 through 7 of 7, prepared by Terrence E. Wolfe, P.E., dated March 25, 1998, signed and sealed by Terrence E. Wolfe, P.E. on May 30, 2000 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 # 03-0128.07** 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., M.S.**



*Helmy A. Makar*  
06/19/2008

NOA No. 08-0505.04  
Expiration Date: 07/06/2013  
Approval Date: 06/19/2008  
Page 1

**MBCI-Metal Building Components, L.P.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 00-0501.08**

**A. DRAWINGS**

1. *Drawing No. SL 22, titled "Superlok Details", prepared by Terrence E. Wolfe, P.E., dated March 25, 1998, sheets 1, 2, 3, 4, 5, 6, and 7 of 7, signed and sealed by Terrence E. Wolfe, P.E. on May 30, 2000.*

**B. TESTS**

1. *Test report on Uniform Static Air Pressure, ASTM 1592-95, on 22 ga. Superlok Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. FET97005-T166-97, dated 04/20/2000, signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Susceptibility to leakage test in accordance with Miami-Dade county Protocol PA 114 Appendix G on 24 ga. Superlok Roof Panel, prepared by Celotex, Report No. 258444 CAE 97192, dated May 1 thru 8, 1998, signed and sealed by R. G. Miller, P.E. (This is a copy from Product Control Approval No. 98-0529.06).*
3. *Wind Driven Rain Test in accordance with Miami-Dade county Protocol PA 100-95 on 24 ga. Superlok Roof Panel, prepared by Celotex, Report No. 258444A CAE 97193, dated March 10, 1998, signed and sealed by R. G. Miller, P.E. (This is a copy from Product Control Approval No. 98-0529.06).*

**C. CALCULATIONS**

1. *Calculations titled "Superlok - 22 ga", pages 1 and 2, prepared by Terrence E. Wolfe, P.E., signed and sealed by Terrence E. Wolfe P.E. on 04/26/2000.*

**D. MATERIAL CERTIFICATIONS**

1. *Mill Certified Test Report issued by Bethlehem Steel Corporation, dated 06/22/98, with chemical composition and mechanical properties of galvalume painted structural steel coils ASTM A792 Grade 50A.*
2. *Tensile Test File No. WP-9048 Report No. 055, prepared by West Penn Testing Laboratories, Inc., dated 12/12/97, signed Todd A. Ault (M.E.T.).*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #03-0128.07**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

  
Helmy A. Makar, P.E., M.S.

Product Control Examiner  
NOA No. 08-0505.04  
Expiration Date: 07/06/2013  
Approval Date: 06/19/2008

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

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**D. MATERIAL CERTIFICATIONS**

1. *None.*

**E. STATEMENTS**

1. *Letter by MBCI, signed by Mr. Brian N. Jaks, P.E., requesting to renew his Approval No. 00-0501.08 and stating that the "Superlok-16" 22 ga. Roof panel has not changed in any form since the last Notice of Acceptance.*

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *Test report on Uniform Static Air Pressure, ASTM 1592-95, on 22 ga. Superlok Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. FET149-08, dated 03/31/2008, signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Susceptibility to leakage test in accordance with Miami-Dade county Protocol FM 4471 Appendix G on 24 ga. Superlok Roof Panel, prepared by Celotex, Report No. T293-07, dated 09/26/2007, signed and sealed by Daniel G. Farabaugh, P.E.*
3. *Wind Driven Rain Test in accordance with Miami-Dade county Protocol PA 100-95 on 24 ga. Superlok Roof Panel, prepared by Celotex, Report No. T292-07, dated 09/26/2007, 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.*

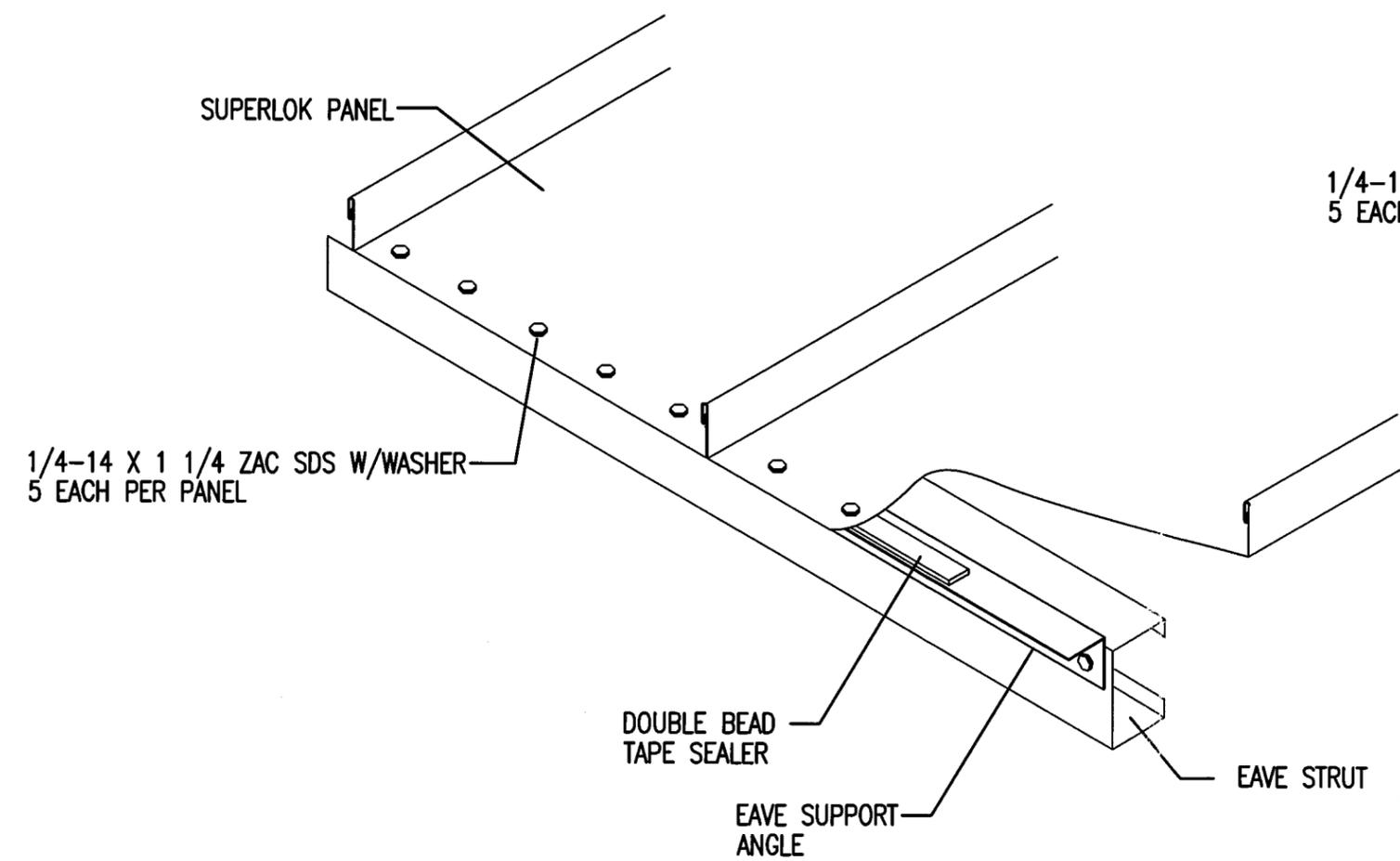
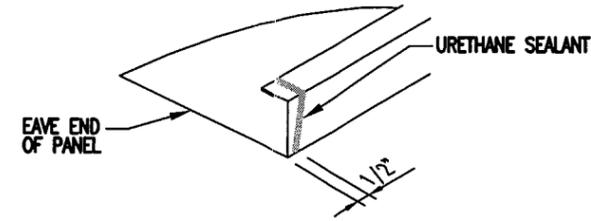
**E. MATERIAL CERTIFICATIONS**

1. *Tensile Test File No. WP-9048 Report No. 055, prepared by West Penn Testing Laboratories, Inc., dated 03/24/2008, signed Todd A. Ault.*

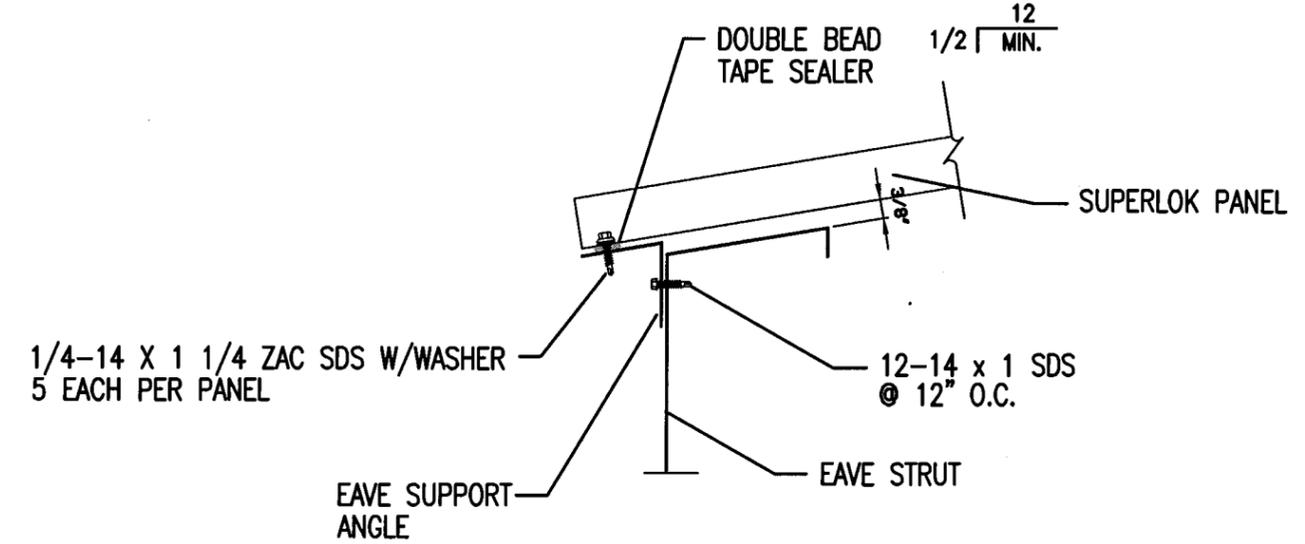


Helmy A. Makar, P.E., M.S.  
Product Control Examiner  
NOA No. 08-0505.04  
Expiration Date: 07/06/2013  
Approval Date: 06/19/2008

TYPICAL DETAILS  
EAVE



ISOMETRIC VIEW OF EAVE



CROSS SECTION OF EAVE

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 08-0505.04  
Expiration Date 07/06/2013  
By *Helmut A. Miller*  
Miami Dade Product Control  
Division

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 03-0128.07  
Expiration Date 07/06/2008  
By *Helmut A. Miller*  
Miami Dade Product Control  
Division

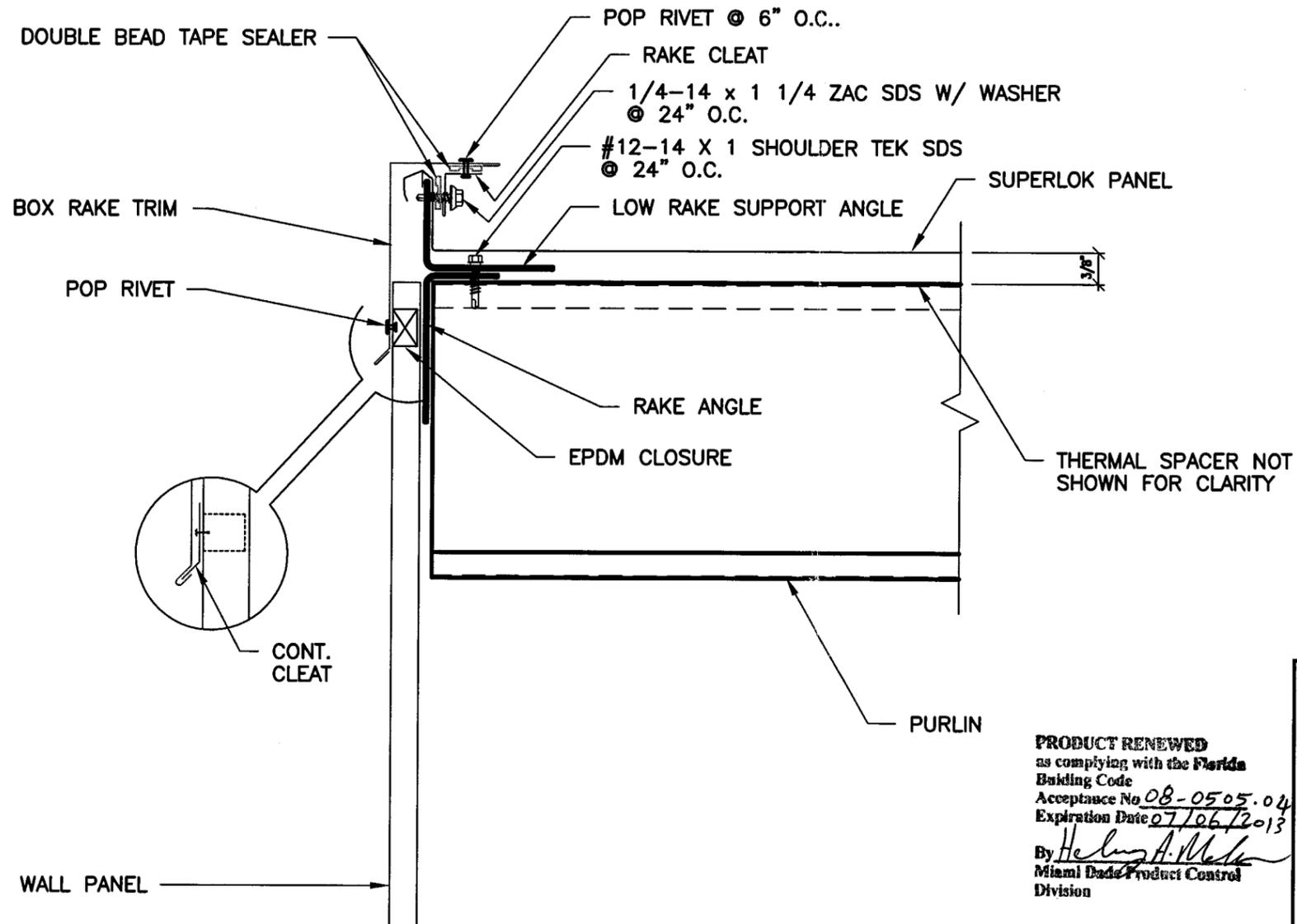
APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE *July 06, 2000*  
By *Helmut A. Miller*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. *00-0501.08*

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	DESCRIPTION
SHEET TITLE	SUPERLOK DETAILS	DATE	3-25-98
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	SL 22
		DRAWING NUMBER	1 OF 7

*Terrence E. Wolfe*  
5-30-00

# TYPICAL DETAILS

## RAKE



CROSS SECTION OF RAKE

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 08-0505.04  
 Expiration Date 07/06/2013  
 By Helmy A. Melan  
 Miami Dade Product Control  
 Division

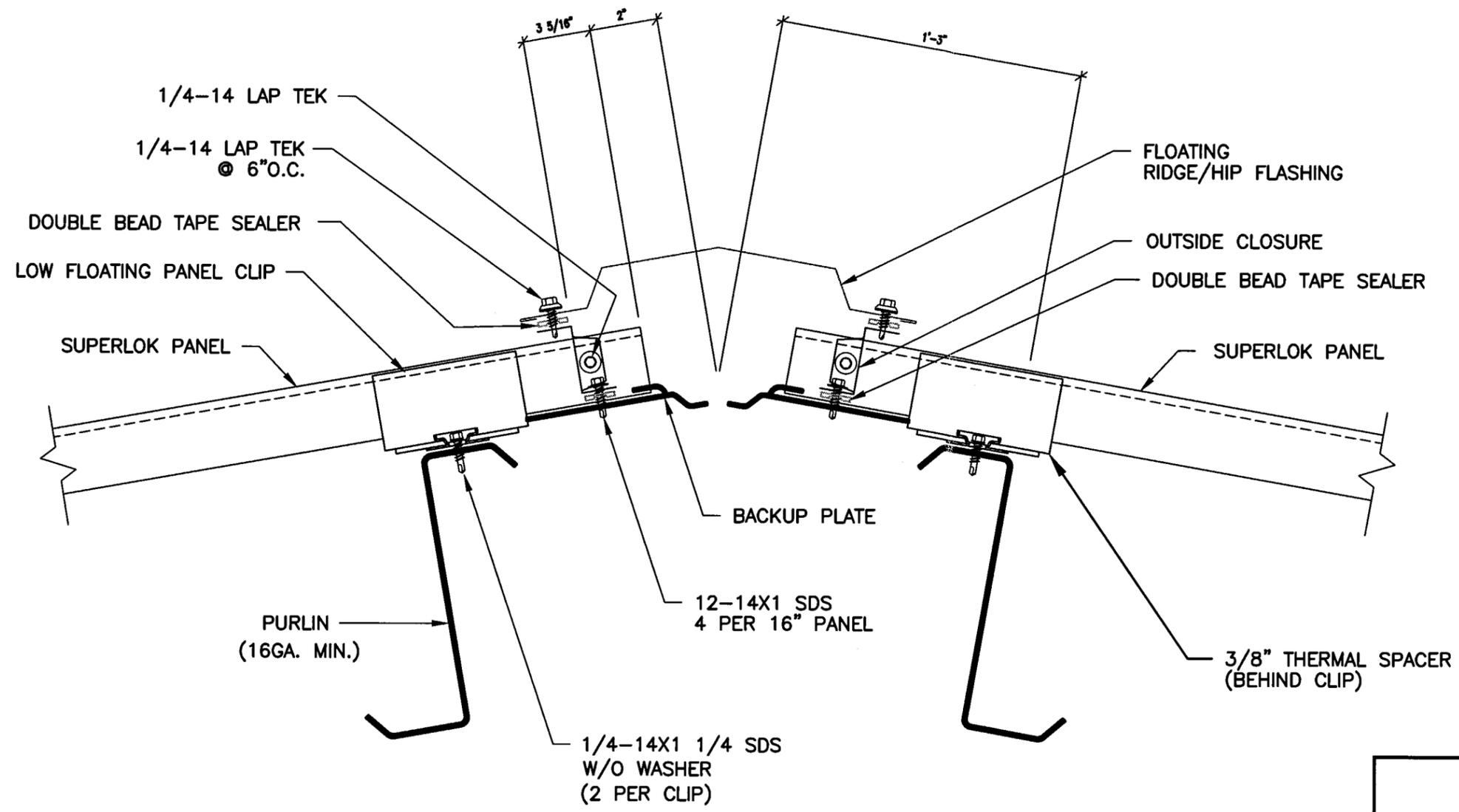
**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 03-0128.07  
 Expiration Date 07/06/2008  
 By Helmy A. Melan  
 Miami Dade Product Control  
 Division

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE July 06, 2000  
 BY Helmy A. Melan  
 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.	DATE
SHEET TITLE	SUPERLOK DETAILS	CHECKED BY:	DATE: 3-25-98
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER:	SCALE: NTS
		SL 22	2 OF 7

*Terrence Wolfe*  
 5-30-00

# TYPICAL DETAILS RIDGE



CROSS SECTION OF RIDGE

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 08-0505.04  
 Expiration Date 07/06/2013  
 By *Helmy A. Mator*  
 Miami Dade Product Control  
 Division

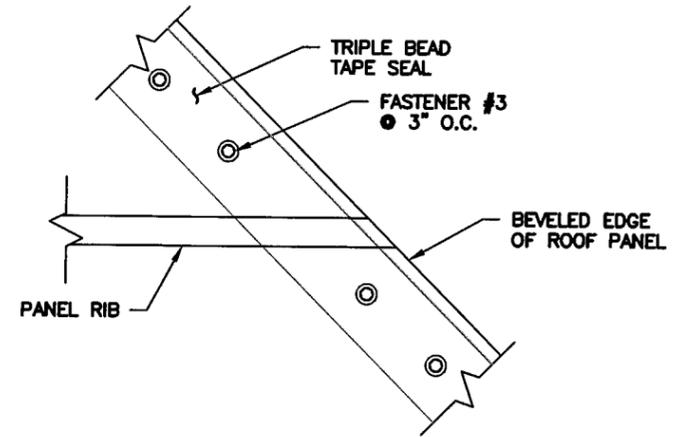
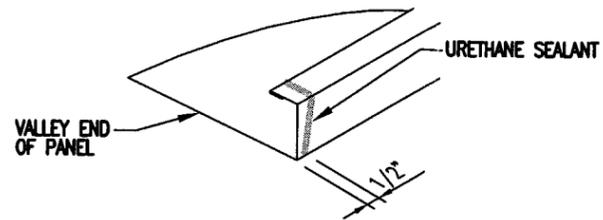
**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 03-0128.07  
 Expiration Date 07/06/2008  
 By *Helmy A. Mator*  
 Miami Dade Product Control  
 Division

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

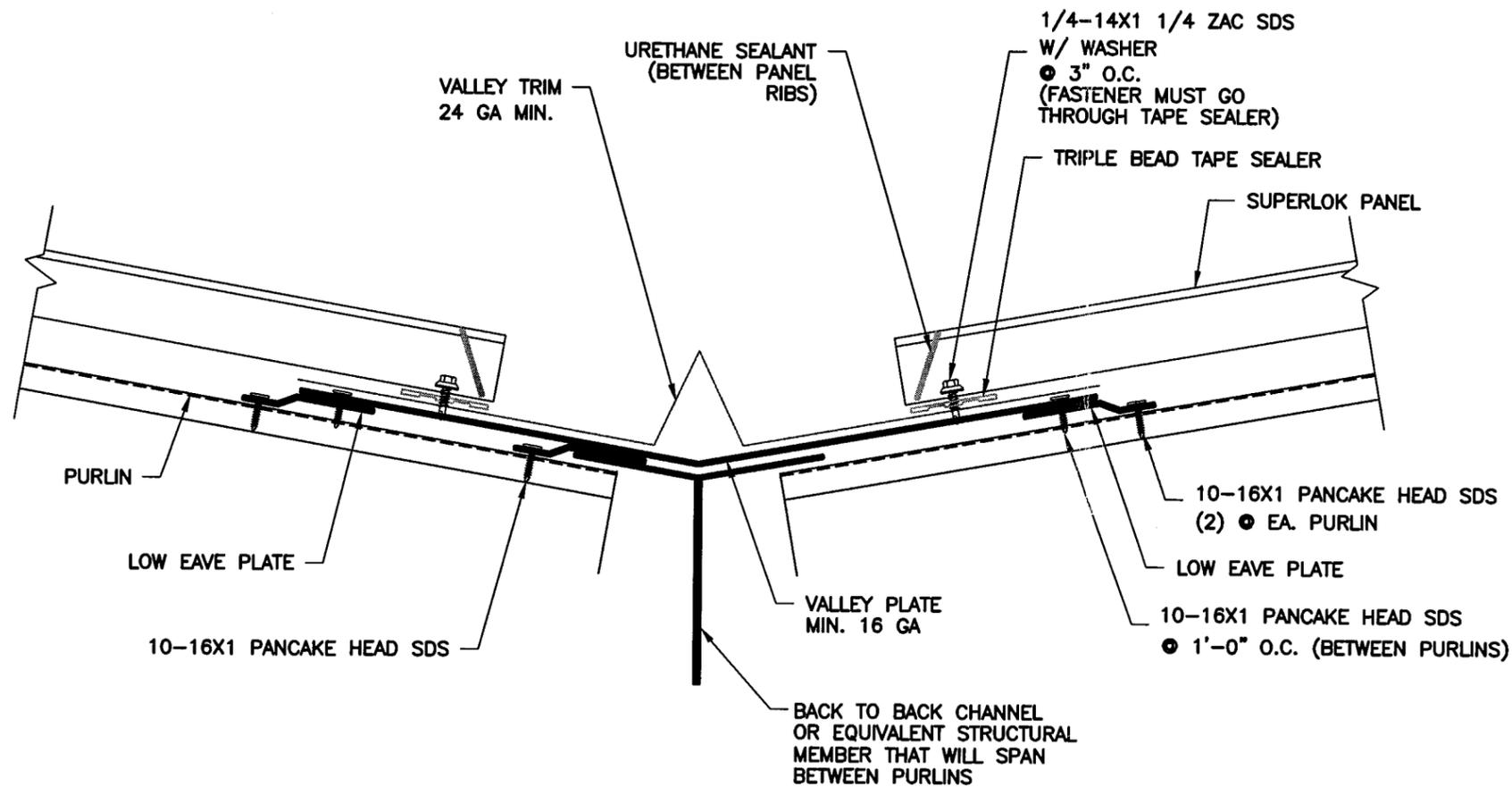
*Terrence E. Wolfe*  
 5-30-00

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	SCALE	NTS
PROJECT NUMBER		SL 22	DRAWING NUMBER
			3 OF 7

TYPICAL DETAILS  
VALLEY



ISOMETRIC VIEW OF VALLEY



CROSS SECTION OF VALLEY

PRODUCT RENEWED  
as complying with the Florida Building Code  
Acceptance No 08-0505.01  
Expiration Date 07/06/2013  
By *Helmy A. Matar*  
Miami Dade Product Control Division

PRODUCT REVISED  
as complying with the Florida Building Code  
Acceptance No 03-0128.07  
Expiration Date 07/06/2008  
By *Helmy A. Matar*  
Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE *July 06, 2000*  
BY *Helmy A. Matar*  
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	DATE	DESCRIPTION	DATE
	3-25-98		
CHECKED BY	SCALE	PROJECT NUMBER	DRAWING NUMBER
	NTS	SL 22	4 OF 7

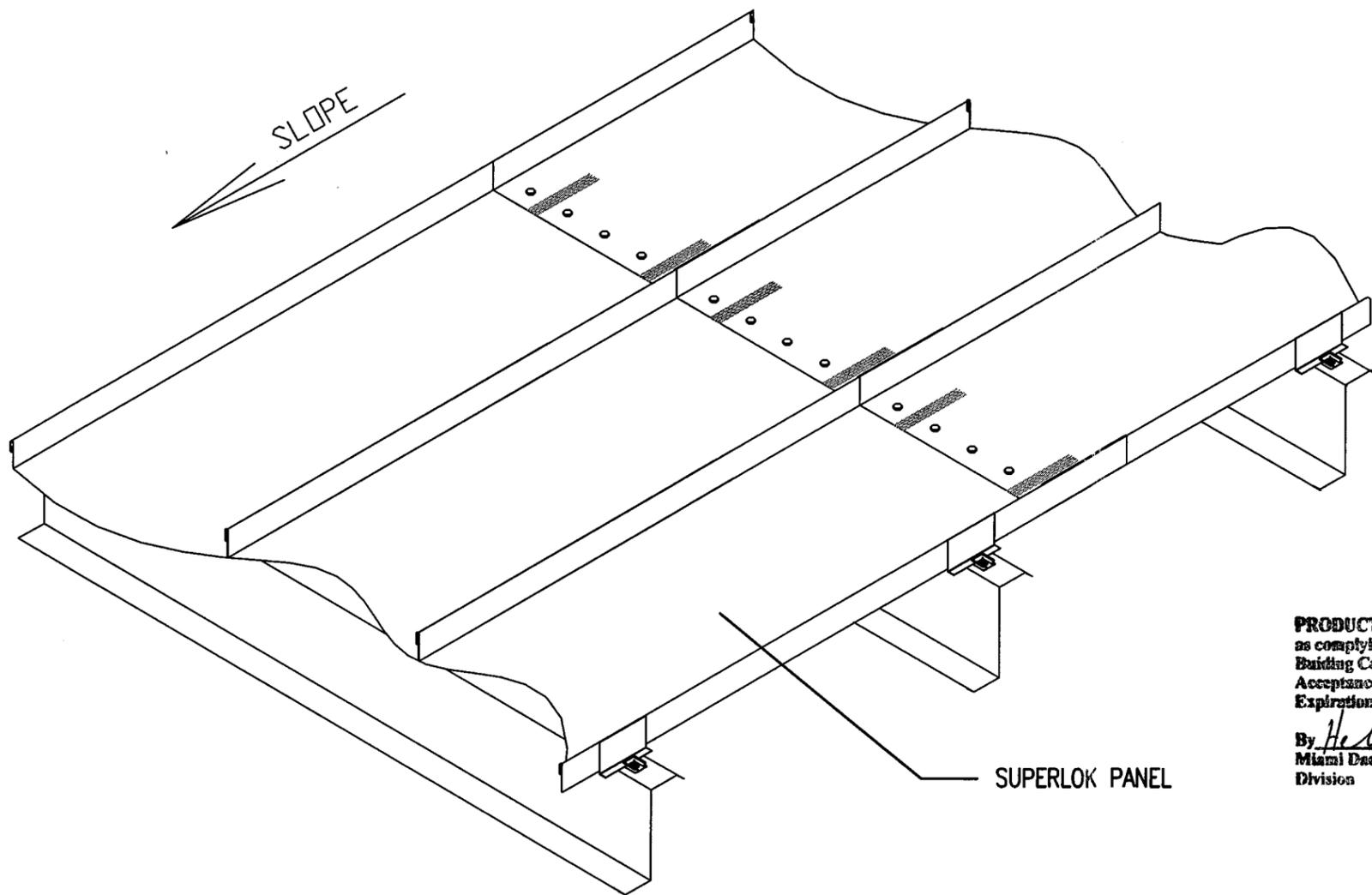
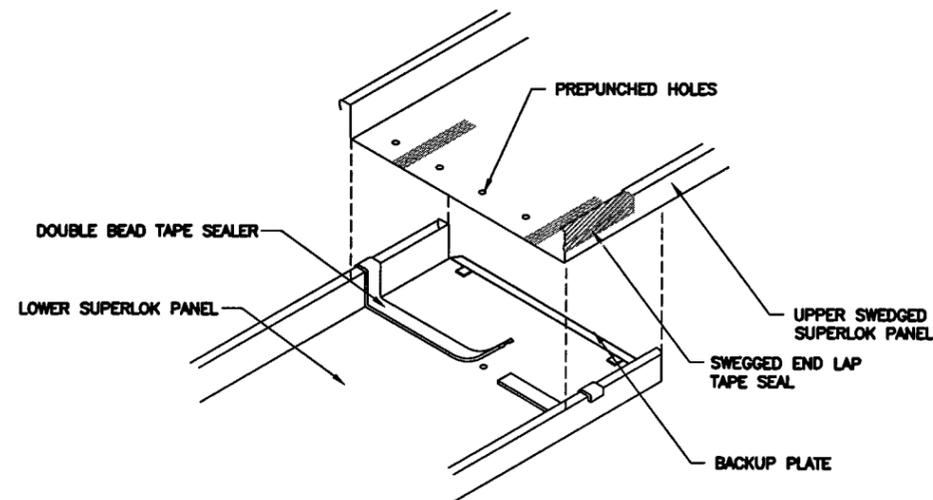
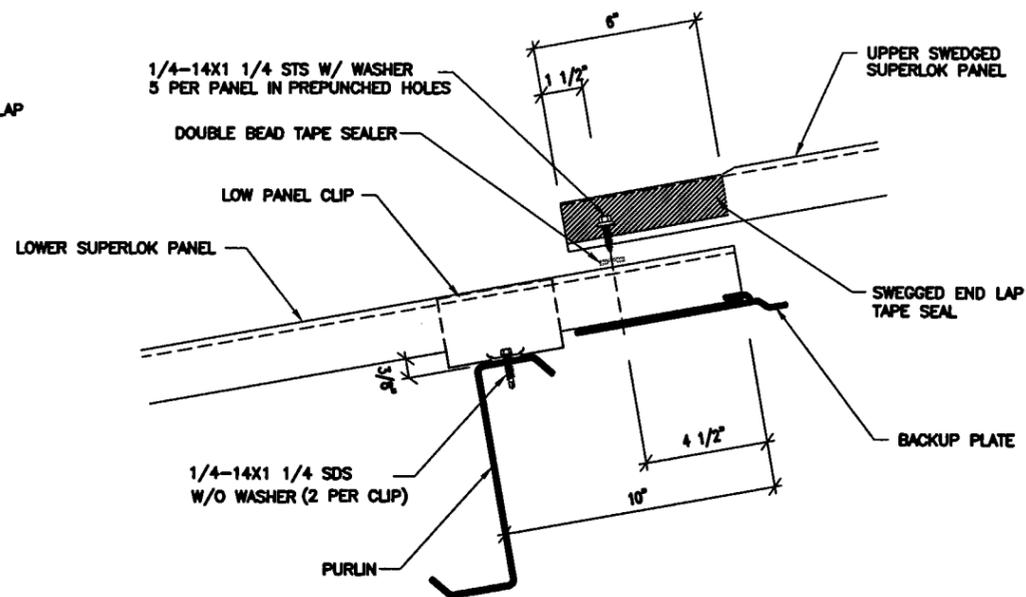
*Terrence Wolfe*  
5-30-00

# TYPICAL DETAILS PANEL LAPS

1/4-14X1 ZAC STS W/ WASHER  
TYPICAL (5) PLACES



FASTENER INSTALLATION SEQUENCE



SUPERLOK PANEL

ISOMETRIC VIEW OF SUPERLOK PANEL

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 08-9505.04  
Expiration Date 07/06/2013  
By *Helmy A. Makher*  
Miami Dade Product Control  
Division

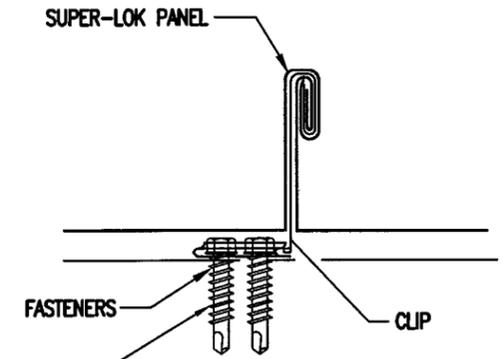
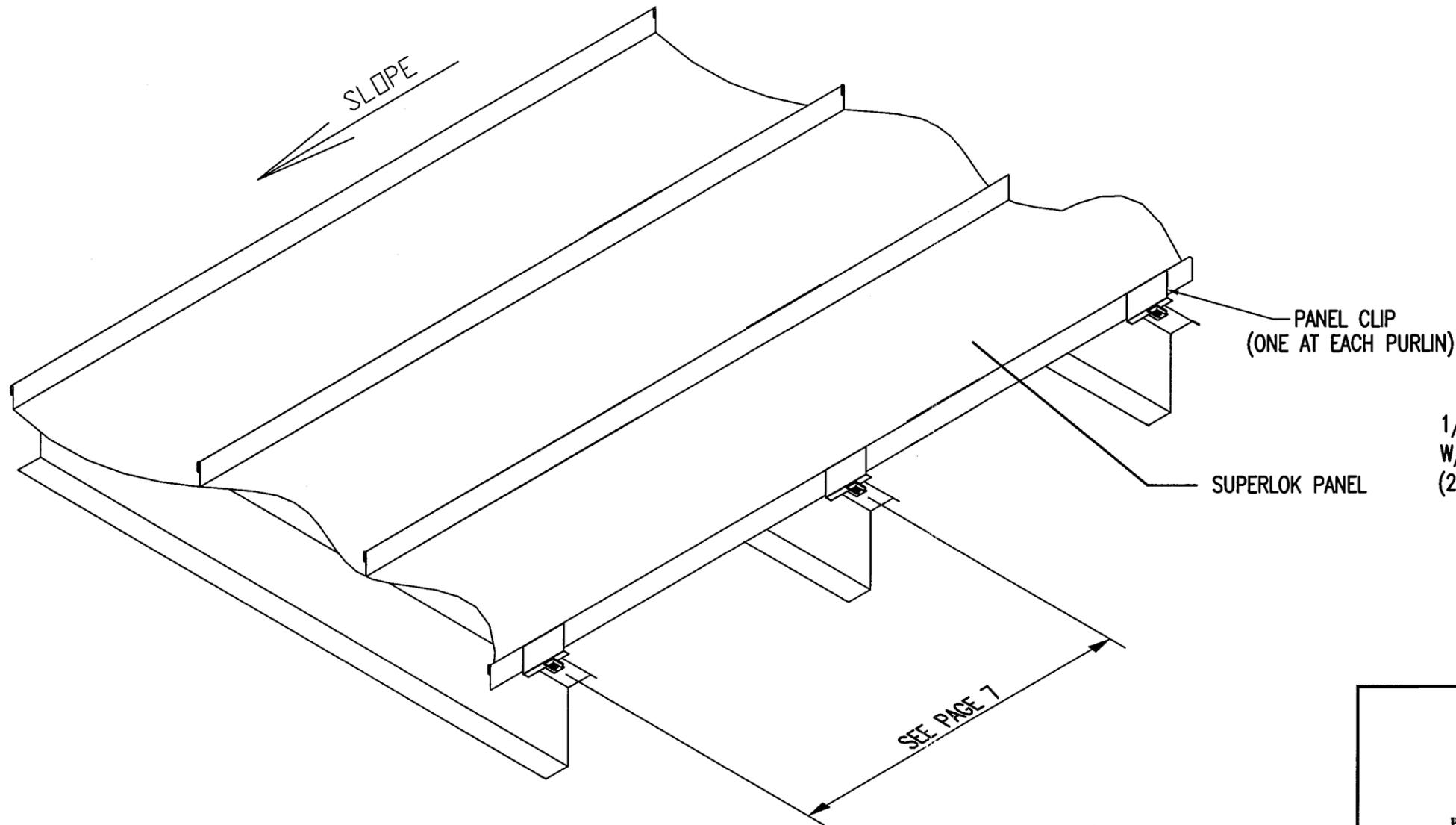
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 03-0128.07  
Expiration Date 07/06/2008  
By *Helmy A. Makher*  
Miami Dade Product Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE *July 06, 2009*  
BY *Helmy A. Makher*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0501-08

*Terrence Wolfe*  
5-30-00

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

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 08-0505.04  
Expiration Date 07/06/2013  
By Helmy A. Matar  
Miami Dade Product Control  
Division

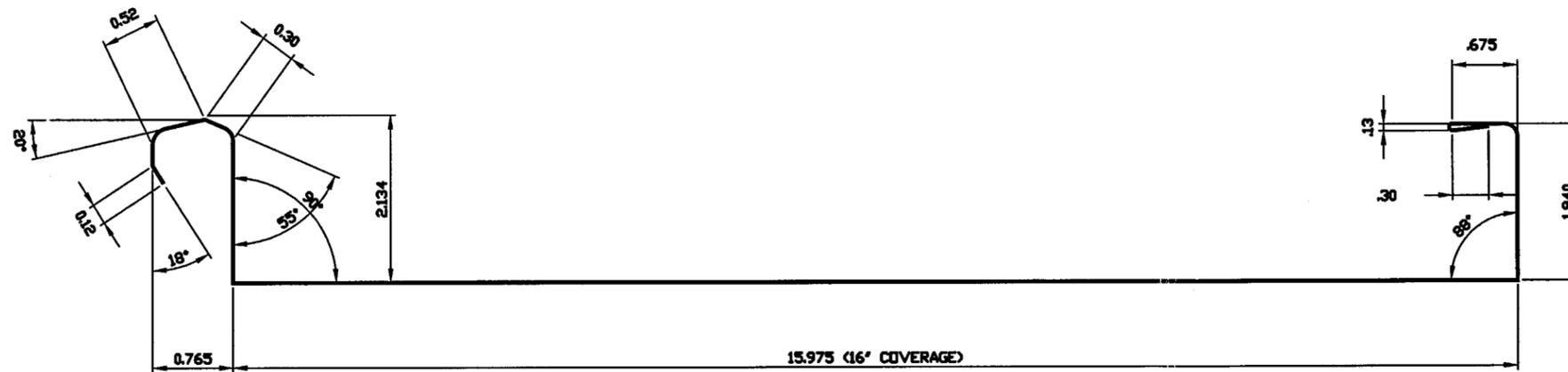
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 03-0128.07  
Expiration Date 07/06/2008  
By Helmy A. Matar  
Miami Dade Product Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 06, 2000  
BY Helmy A. Matar  
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	
PROJECT		DADE COUNTY PROJECT APPROVAL	
SHEET TITLE		SUPERLOK DETAILS	
LOCATION		DADE COUNTY, FLORIDA	
REL.	BY	DESCRIPTION	DATE
OWNED BY	DATE	SCALE	3-25-98
CHECKED BY	PROJECT NUMBER	DRAWING NUMBER	NTS
	SL 22	6 OF 7	

*Terrence Wolfe*  
5-10-00

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



**SUPERLOK CROSS SECTION**

**NOTES:**

- 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:
  - 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 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

- 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

**PRODUCT RENEWED**  
 as complying with the Florida Building Code  
 Acceptance No. 08-0505.04  
 Expiration Date 07/06/2013  
 By *Heather A. Mullen*  
 Miami Dade Product Control Division

**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)
- SEALED ON LAP TAPE SEAL  
TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)

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

PERMATHANE URETHANE CAULK

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No. 03-0128.07  
 Expiration Date 07/06/2008  
 By *Heather A. Mullen*  
 Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE *July 06, 2000*  
 BY *Heather A. Mullen*  
 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	REL BY	DESCRIPTION DATE
SHEET TITLE	SUPERLOK DETAILS	DRAWN BY	DATE 3-25-98
LOCATION	DADE COUNTY, FLORIDA	CHECKED BY	SCALE NTS
		PROJECT NUMBER	DRAWING NUMBER
		SL 22	7 OF 7

*Terrence Wolfe*  
 5/30/00