

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

Kirby Building Systems Inc.
P. O. Box 390 Kirby Drive
Portland ,TN 37148

Your application for Notice of Acceptance (NOA) of:

24 Gauge Structural Galvalume Steel 1-1/4" x 36" Kirby Rib II 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 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.: 00-0913.02
EXPIRES: 08/21/2003

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 Miami-Dade County, Florida under the conditions set forth above.

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

APPROVED: 11/02/2000

Kirby Building Systems, Inc.

ACCEPTANCE No. : 00-0913.02

APPROVED : 11/02/2000

EXPIRES : 08/21/2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This renews the Notice of Acceptance No. 96-1018.03, which was issued on August 21, 1997. It approves a 24 gauge Structural Galvalume Coated Steel (1-1/4" x 36" KirbyRib II) 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 24 gauge Structural Galvalume Coated Steel (1-1/4" x 36" KirbyRib II) Roof Panel and its components shall be constructed in strict compliance with the following documents: Drawing No. E, titled "24 gage KirbyRib II Roof Panel", prepared by J. Walter Lewis, P.E., dated January 21 and 22, 1997, signed and sealed by J. Walter Lewis, P.E. on July 24, 1997, sheets 1, 2, 3, and 4 of 4, 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 24 gauge Structural Galvalume Coated Steel (1-1/4" x 36" KirbyRib II) 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.



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

Kirby Building Systems, Inc.

ACCEPTANCE No. : 00-0913.02

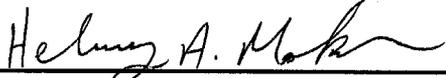
APPROVED : 11/02/2000

EXPIRES : 08/21/2003

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

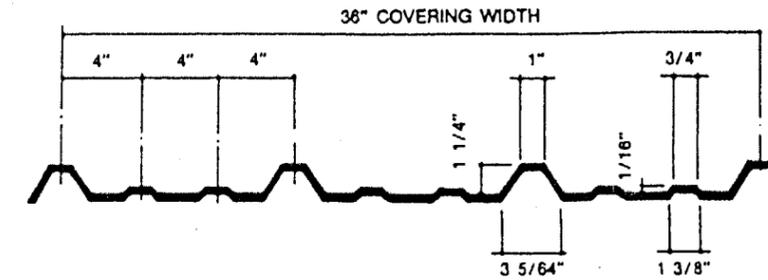
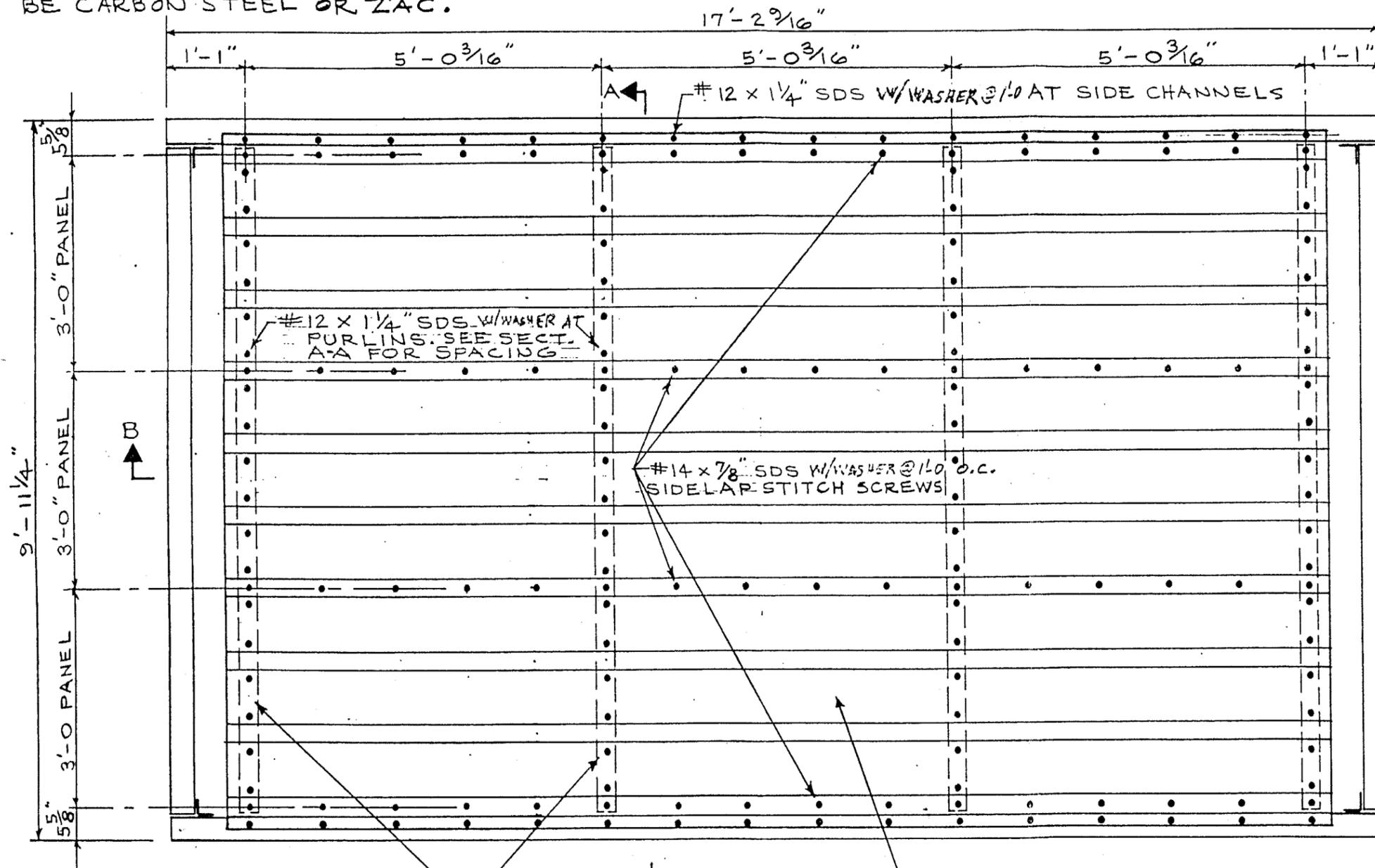


Helmy A. Makar, P.E.- Product Control Examiner
Product Control Division

KirbyRibII Roof Panel

NOTE:
ALL SDS SCREWS MAY
BE CARBON STEEL OR ZAC.

KIRBY BUILDING SYSTEMS ASTM 1592 TEST SPECIMEN



- 1) This 24 gage Kirby Rib II Roof Panel shall be used for roof construction only. Every actual roof project shall be constructed using the same details shown on this drawing including:
 - a. Details of all panel material characteristics and sections with dimensions and thickness.
 - b. Assembly details including all connections and fastener diagram with size and location.
 - c. Panel maximum span and pressure for the field, perimeters and corners based on the panel allowables shown below.
- 2) The maximum spans and pressures for the 24 gage Kirby Rib II Roof Panel in the roof's field, perimeter, and corner zones shall be based on the following panel allowables:
 - a. Maximum allowable bending moment of panel at supports = 150.0 ft - lbs.
 - b. Maximum allowable bending moment of panel between supports = 120.0 ft - lbs.
 - c. EI value of panel = 1.19×10^8 lbs.-in²
 - d. Maximum allowable deflection of Roof Panel = L/240
 - e. Maximum support reaction = 330.0 lbs. (For two #12 x 1-1/4 SDS w/washer every 12', see section A-A.)

PRODUCT RENEWED

ACCEPTANCE No. 00-0913.02
 EXPIRATION DATE 08/21/2003
 By Helmut A. Mohr
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE AUGUST 21, 1997
 BY Helmut A. Mohr
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 96-1018.03

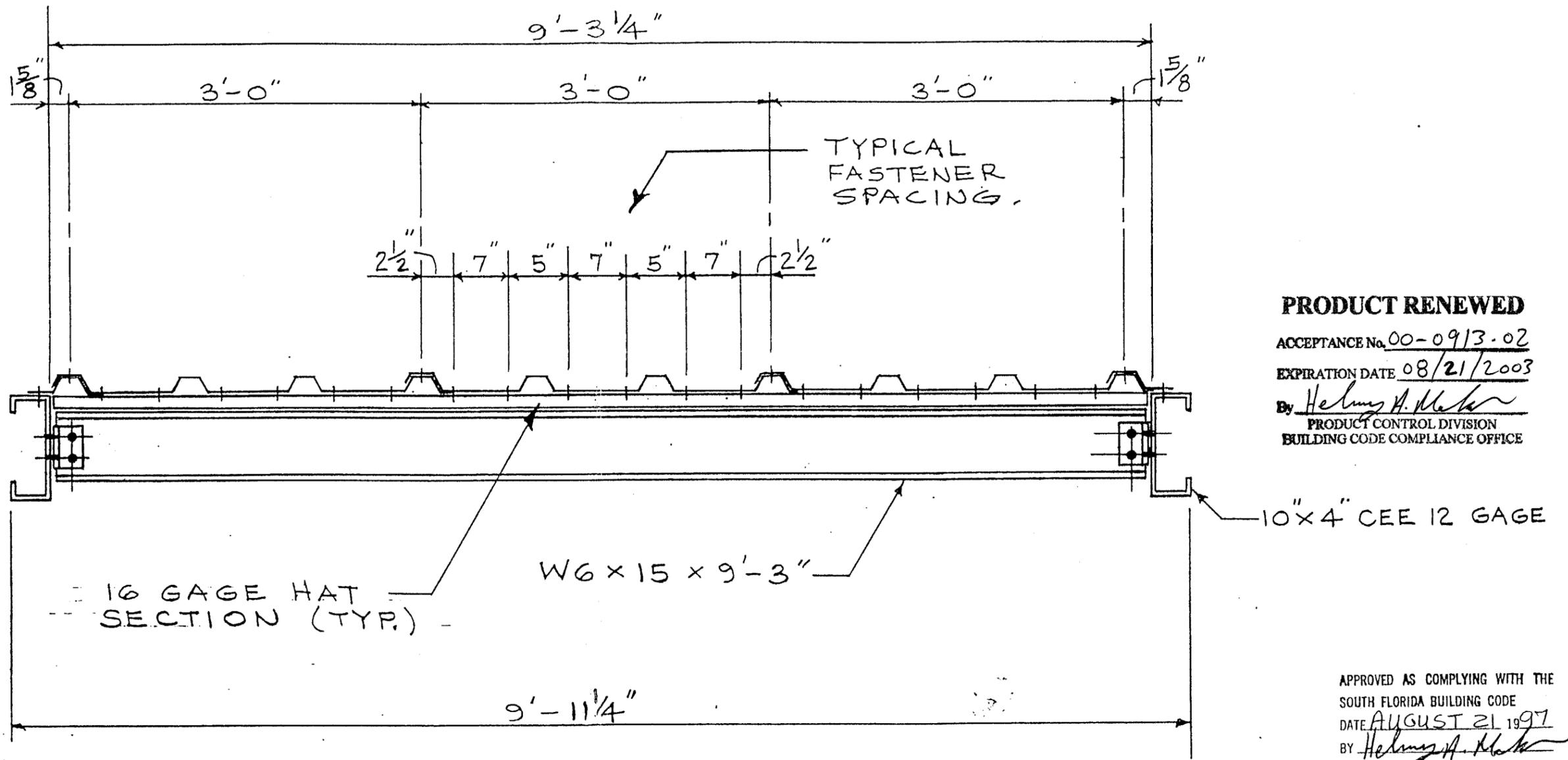
16 GAGE
HAT SECTIONS
TYPICAL.

24 GAGE KIRBY RIB II
ROOF PANELS
(3) FULL PANELS

Walter Lewis
7/24/97
J. WALTER LEWIS
23966

REV	DESCRIPTION	BY	DATE	 BUILDING SYSTEMS AN ABS COMPANY	P.O. BOX 390 KIRBY DRIVE PORTLAND, TENN. 37148	
						PANEL AND FASTENER LAYOUT
				FOR TESTING OF	DATE: 1-21-97	
				KIRBY BUILDING SYSTEMS	CKD. BY: W. LEWIS	
				METAL ROOF SYSTEM	DATE: 1-21-97	
ID NUMBER, TITLE				GB 24 GAGE KIRBY RIB II ROOF PANEL	DWG. NO. E	SHT. NO. 1 OF 4

KIRBY BUILDING SYSTEMS ASTM 1592 TEST SPECIMEN



PRODUCT RENEWED
 ACCEPTANCE No. 00-0913-02
 EXPIRATION DATE 08/21/2003
 By *Helmy A. Maher*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE AUGUST 21 1997
 BY *Helmy A. Maher*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 96-1018.03

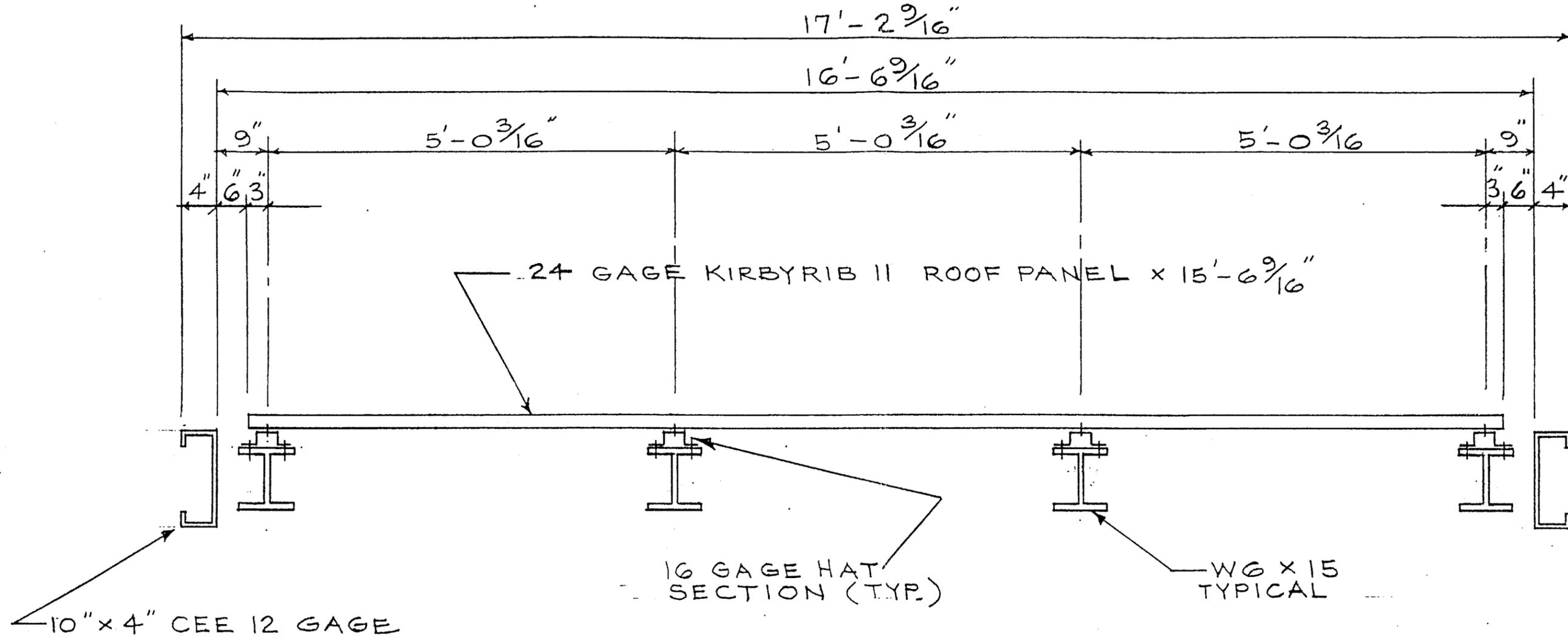
SECTION A-A

J. Walter Lewis
 7/24/97
 J. WALTER LEWIS
 #23966

REV	DESCRIPTION	BY	DATE		
				 Kirby BUILDING SYSTEMS AN ABS COMPANY	
	SHEETING AND FASTENER LAYOUT				DRN. BY: H. PUCKETT
	FOR TESTING OF				DATE: 1-21-97
	KIRBY BUILDING SYSTEMS				CKD. BY: W. LEWIS
	METAL ROOF SYSTEM			DATE: 1-21-97	
ID NUMBER, TITLE			68	24 GAGE KIRBYRIB II ROOF PANEL DWG. NO. SHT. NO. E 2 OF 4	

P.O. BOX 390
 KIRBY DRIVE
 PORTLAND, TENN.
 37148

KIRBY BUILDING SYSTEMS ASTM 1592 TEST SPECIMEN



SECTION B-B

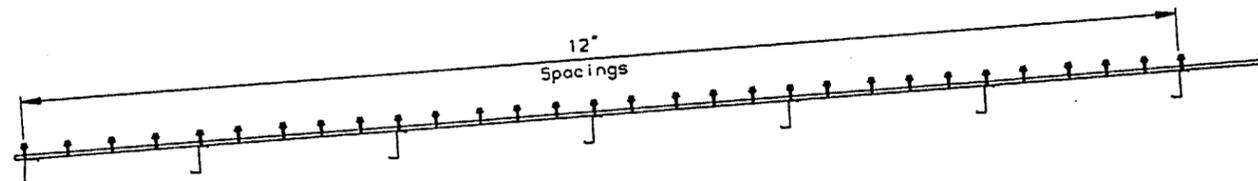
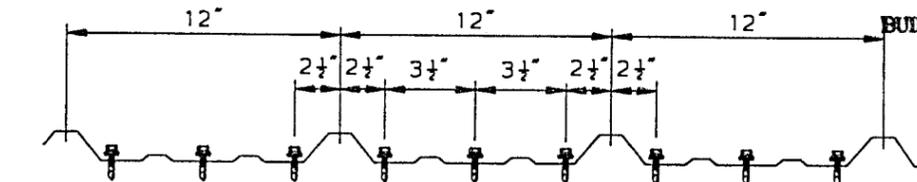
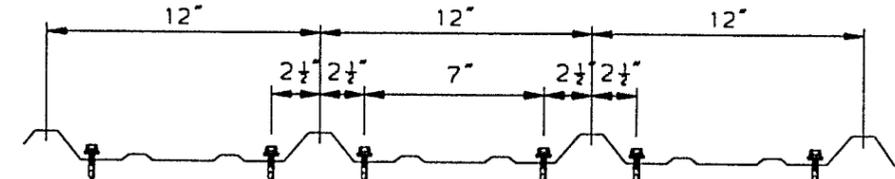
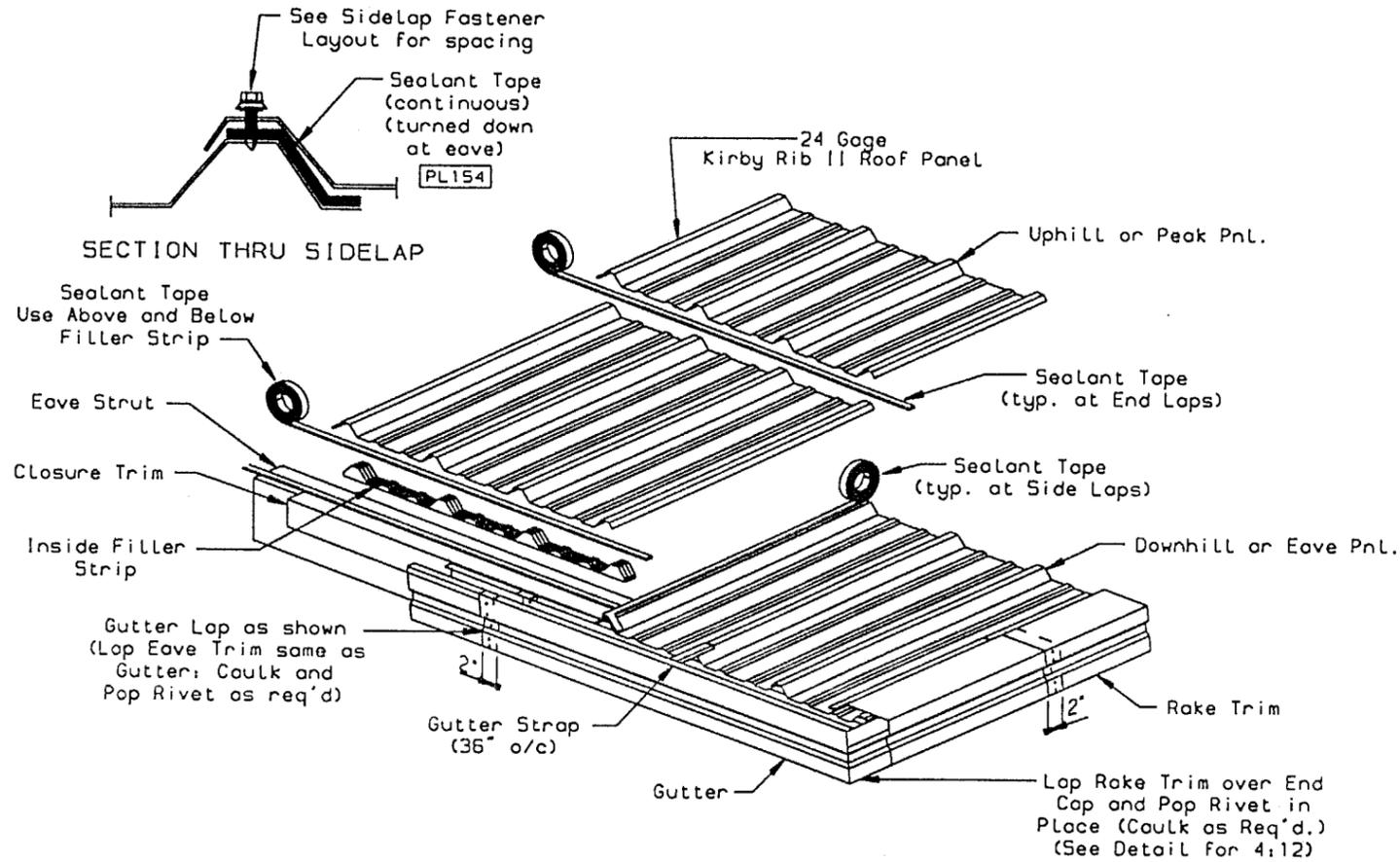
PRODUCT RENEWED

ACCEPTANCE No. 00-0913.02
 EXPIRATION DATE 08/21/2003
 By *Helmy A. M. M.*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE AUGUST 21, 1997
 BY *Helmy A. M. M.*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 96-1018.03

J. Walter Lewis
 7/24/97
 J. WALTER LEWIS
 #23766

REV	DESCRIPTION	BY	DATE	 BUILDING SYSTEMS AN ABS COMPANY	P.O. BOX 390 KIRBY DRIVE PORTLAND, TENN. 37148	
	SECTIONS AND DETAILS FOR TESTING OF KIRBY BUILDING SYSTEMS METAL ROOF SYSTEM					DRN. BY: H. PUCKETT DATE: 1-21-97 CKD. BY: W. LEWIS DATE: 1-21-97
ID NUMBER, TITLE				GB	24 GAGE KIRBYRIB II ROOF PANEL	DWG. NO. E SHT. NO. 3 OF 4



South Florida Roof Detail

PRODUCT RENEWED
 ACCEPTANCE No. 00-0913.02
 EXPIRATION DATE 08/21/2003
 By Helmut A. Mahr
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

General Notes:

- ① Locate the Center of the First Major Rib Exactly Over Steel Line-Attach Panels Then Attach Cap Sheet.
- ② Each Side of KirbyRib Panel and the KirbyRib Cap Must Be Run in Conjunction w/Each Other to Insure Correct Alignment.
- ③ Refer to Different Sections on Erection Drawings for Details Relating to Eave Alignment of Roof Panels, Sealer Application, Fastener Types, and Spacing and Building Accessories Located On Roof.
- ④ ALL Damaged Paint Finishes are to be Retouched to Prevent Rusting.

- ⑤ In the Event a Screw is Installed in the Wrong Location or Should A Screw Break During the Driving Process, Remove the Screw and Install One of a Larger Diameter to Prevent Leaking. If Removal of Screw Remnant is Not Possible, Water Proofing Measures are to be Taken to Prevent Leaking.
- ⑥ Concentrated Heavy Loads (Personnel or Materials) Occuring on Roof During Construction Shall be Distributed Uniformly Over a Large Area in Such a Manner as to Prevent Damage to Building Components.
- ⑦ ALL Metal Shavings Occuring as a Result of Drilling Operations on the Roof are to be Removed in Such a Manner as to Prevent Damage or Staining of Roof Finish. (This Shall be Done at the End of Each Day.)

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE AUGUST 21, 1997
 BY Helmut A. Mahr
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 96-1018.03

J. Walter Lewis
 7/24/97
 J. WALTER LEWIS
 # 23566

REV	DESCRIPTION	BY	DATE	 BUILDING SYSTEMS AN ABS COMPANY	P.O. BOX 390 KIRBY DRIVE PORTLAND, TENN. 37148
				FOR KIRBY BUILDING SYSTEMS	DATE: 22-JAN-97
				METAL ROOF SYSTEM	CKD. BY: HLP
				24 GAGE KIRBYRIB II ROOF PANEL	DATE: 22-JAN-97
	ID NUMBER: HUBERT_TITLE		MGE		DWG. NO. SHT. NO. E 4 OF 4