



**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 Ga. Structural Galvalume Steel (1-1/4" x 36" KirbyRib) Wall 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.

Raul Rodriguez  
Chief Product Control Division

**ACCEPTANCE NO.: 00-0913.03**  
**EXPIRES: 08/21/2003**

**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. :** 00-0913.03

**APPROVED :** 11/02/2000

**EXPIRES :** 08/21/2003

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

This renews the Notice of Acceptance No. 96-1118.02, which was issued on August 21, 1997. It approves a 24 gauge Structural Galvalume Steel (1-1/4" x 36") KirbyRib Wall Panel (non-insulated), 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 Steel (1-1/4" x 36") KirbyRib Wall Panel (non-insulated) and its components shall be constructed in strict compliance with the following documents: Drawing No. E, sheets 1 through 6 of 6, prepared by J. Walter Lewis, P.E., dated January 22, 1997, signed and sealed by J. Walter Lewis, P.E., 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 Steel (1-1/4" x 36") KirbyRib Wall Panel (non-insulated) 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. : 00-0913.03**

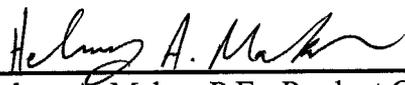
**APPROVED : 11/02/2000**

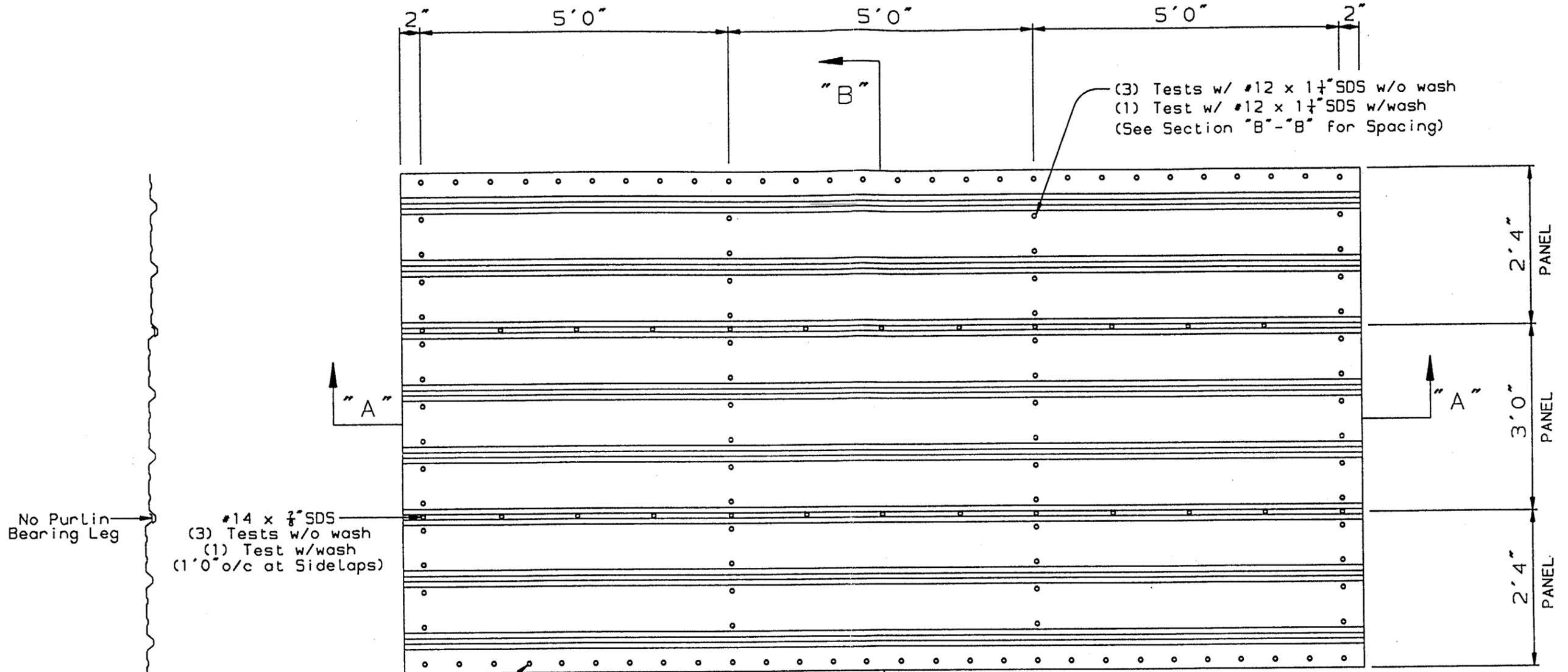
**EXPIRES : 08/21/2003**

**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



(3) Tests w/ #12 x 1 1/4" SDS w/o wash  
 (1) Test w/ #12 x 1 1/4" SDS w/wash  
 (See Section "B"- "B" for Spacing)

No Purlin Bearing Leg

#14 x 3/8" SDS  
 (3) Tests w/o wash  
 (1) Test w/wash  
 (1'0" o/c at Sidelaps)

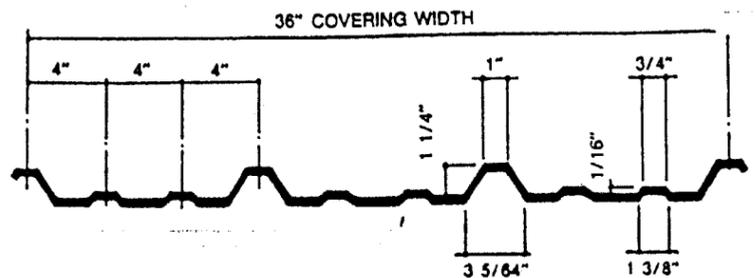
(3) Tests w/ #12 x 1 1/4" SDS w/o wash  
 (1) Test w/ #12 x 1 1/4" SDS w/wash  
 (0'6" o/c Around Perimeter of Frame)

**PRODUCT RENEWED**

ACCEPTANCE No. 00-0913.03  
 EXPIRATION DATE 08/21/2003  
 By Helmy A. Maher  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

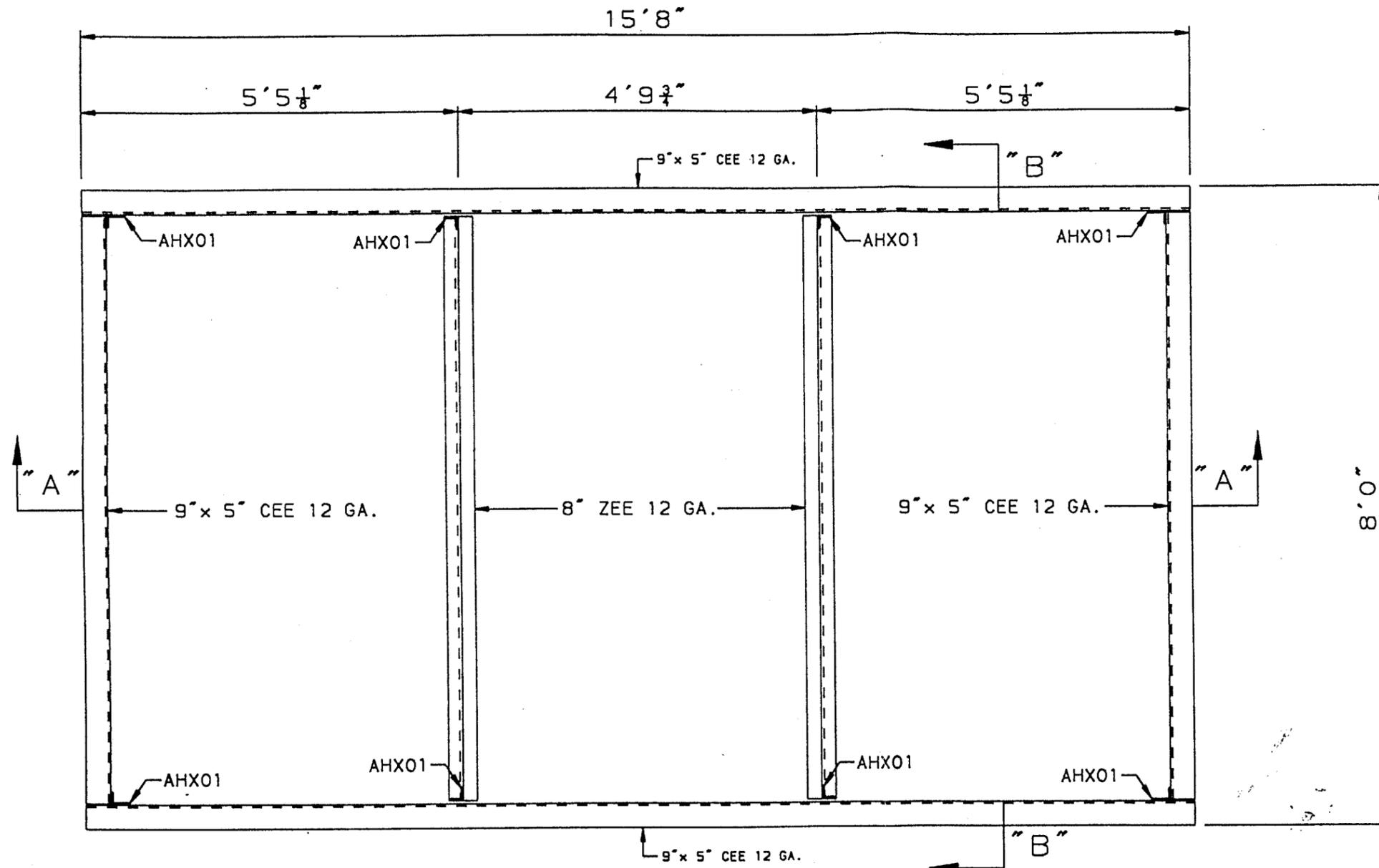
APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE AUGUST 21 1997  
 BY Helmy A. Maher  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE No. 96-1118.02

**KirbyRib Liner & Wall Panel**



*[Handwritten Signature]*  
 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				DRN. BY: M. ELLIS
	FOR TESTING OF				DATE: 22-JAN-97
	KIRBY BUILDING SYSTEMS				CKD. BY: HLP
	WALL PANEL SYSTEM				DATE: 22-JAN-97
	ID NUMBER, TITLE	HGE		24 GAGE KIRBYRIB WALL PANEL	DWG. NO. SHT. NO. E 1 OF 6



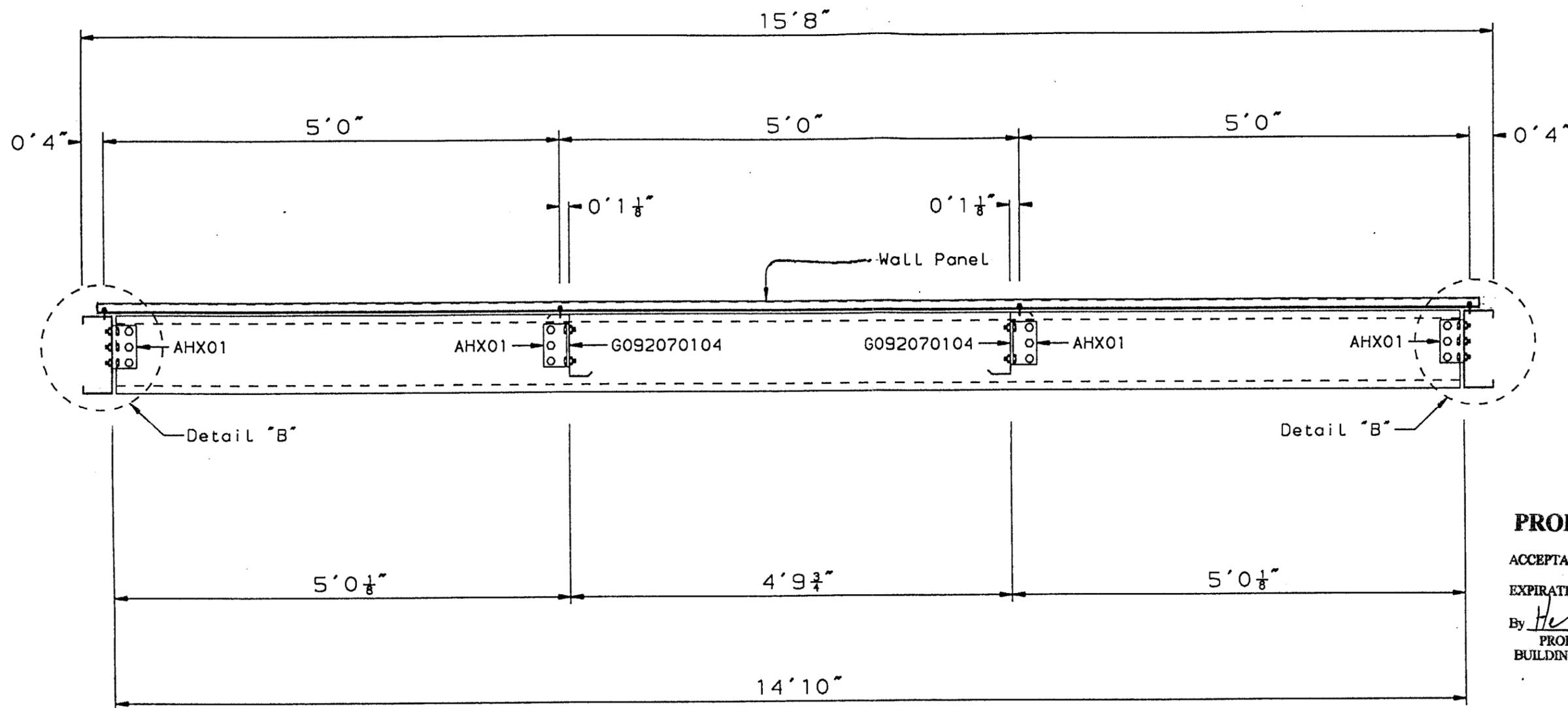
Plan View

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

**PRODUCT RENEWED**  
ACCEPTANCE No. 00-0913.03  
EXPIRATION DATE 08/21/2003  
By Helmut A. Mark  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE AUGUST 21 1997  
BY Helmut A. Mark  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 96-1118.02

REV	DESCRIPTION	BY	DATE	 BUILDING SYSTEMS AN ABS COMPANY	P. O. BOX 390 KIRBY DRIVE PORTLAND, TENN. 37148
				TEST FRAME ASSEMBLY	DRN. BY: H. ELLIS
				FOR TESTING OF	DATE: 22-JAN-97
				KIRBY BUILDING SYSTEMS	CKD. BY: HLP
				WALL PANEL SYSTEM	DATE: 22-JAN-97
				24 GAGE KIRBYRIB WALL PANEL	DWG. NO. SHT. NO.
					E 2 OF 6



Section "A" - "A"

**PRODUCT RENEWED**

ACCEPTANCE No. 00-0913.03

EXPIRATION DATE 08/21/2003

By *Helmut A. Mahr*

PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE

DATE *AUGUST 21 1997*

BY *Helmut A. Mahr*

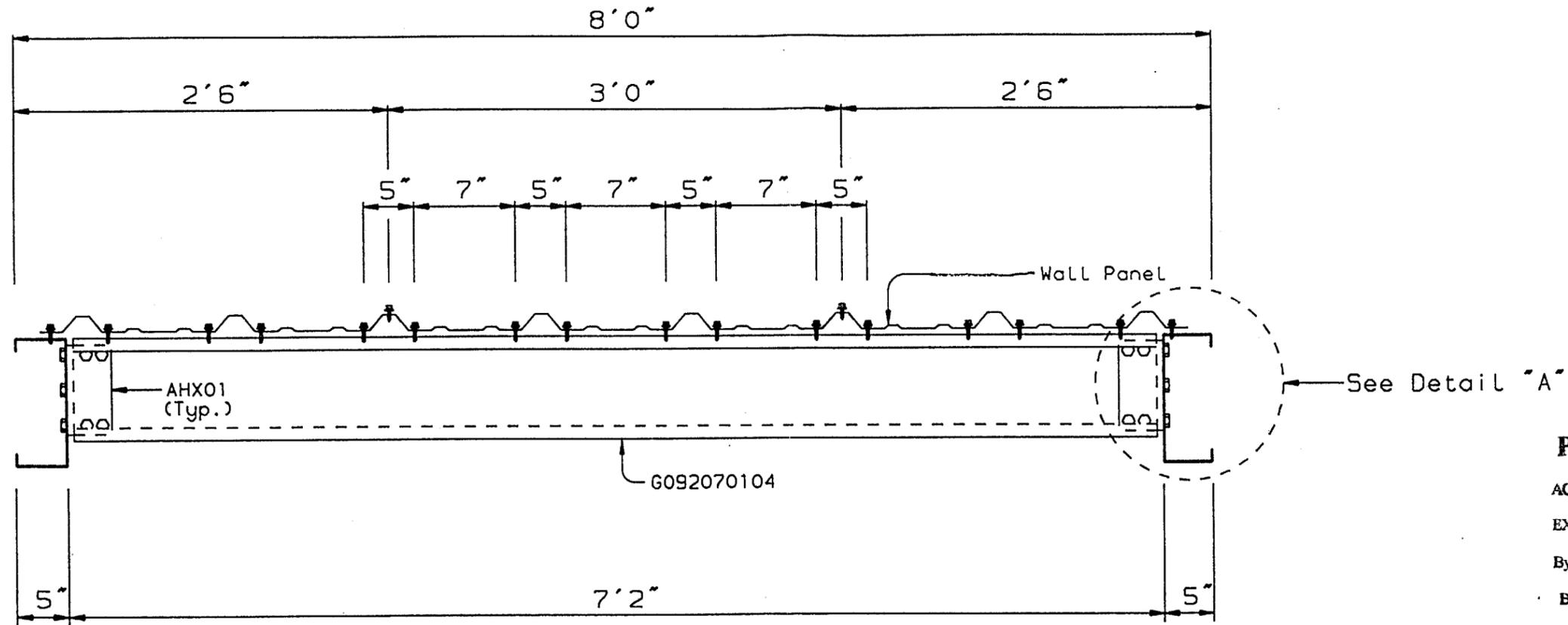
PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 96-1118.02

*J. 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	
						SECTIONS AND DETAILS
				FOR TESTING OF	DATE: 22-JAN-97	
				KIRBY BUILDING SYSTEMS	CKD. BY: HLP	
				WALL PANEL SYSTEM	DATE: 22-JAN-97	
ID NUMBER: TITLE				MGE	24 GA. KIRBYRIB WALL PANEL	DWG. NO. E
						SHT. NO. 3 OF 6



Section "B" - "B"

**PRODUCT RENEWED**

ACCEPTANCE No. 00-0913.03

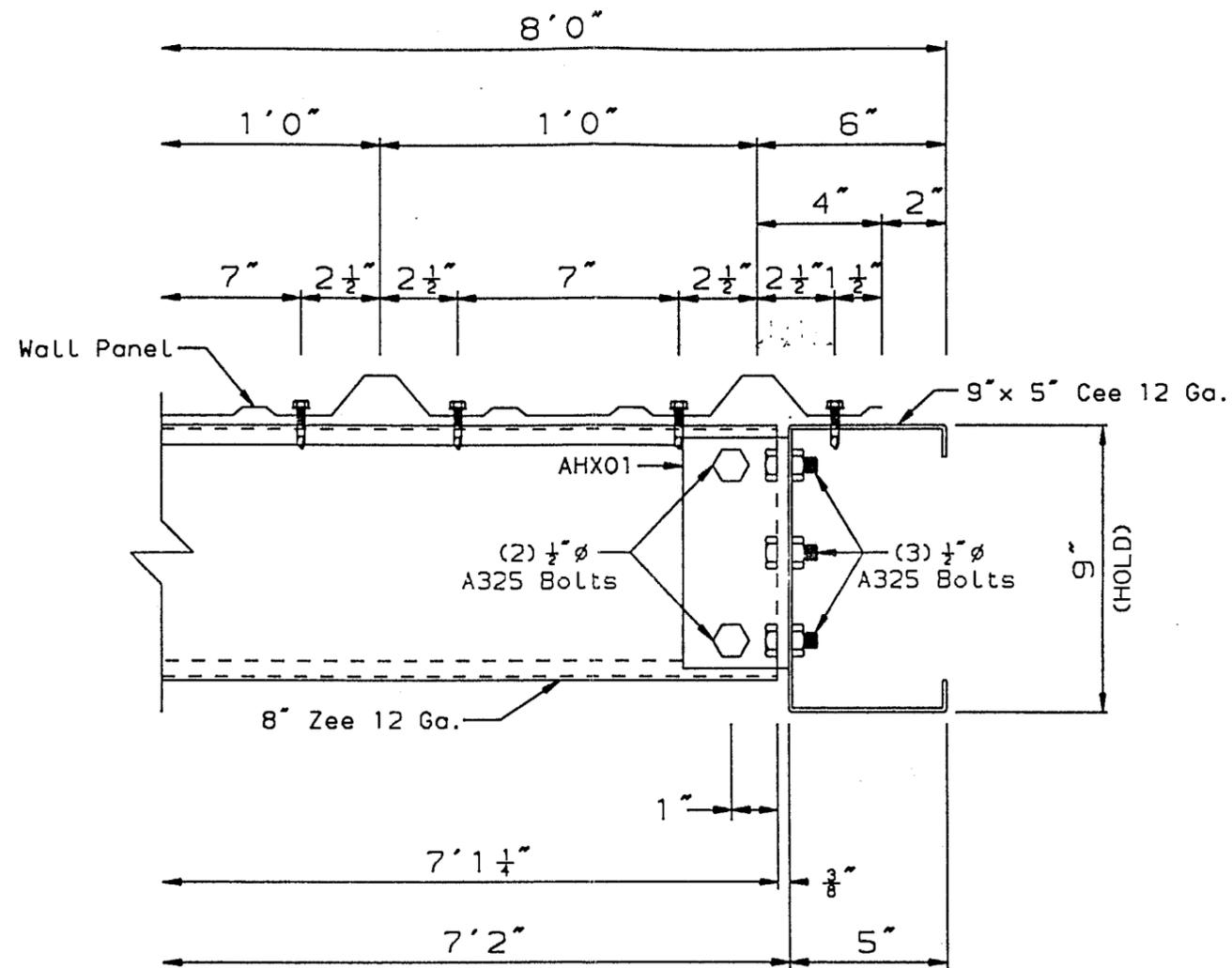
EXPIRATION DATE 08/21/2003

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. 96-1118.02

*J. 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
				SHEET AND FASTENER LAYOUT	DRN. BY: M. ELLIS
				FOR TESTING OF	DATE: 22-JAN-97
				KIRBY BUILDING SYSTEMS	CKD. BY: HLP
				WALL PANEL SYSTEM	DATE: 22-JAN-97
				24 GA. KIRBYRIB WALL PANEL	DWG. NO. SHY. NO.
					E 4 OF 6



Detail "A"

**PRODUCT RENEWED**

ACCEPTANCE No. 00-0913.03

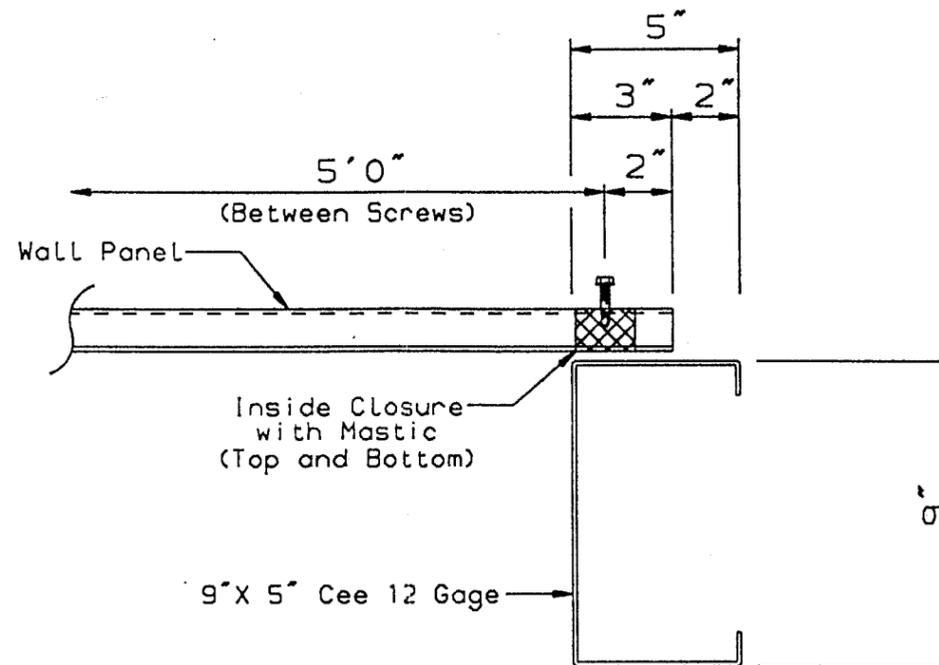
EXPIRATION DATE 08/21/2003

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

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE AUGUST 21, 1997  
 BY Helmut A. Muler  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 96-1118.02

*J. 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
				FOR TESTING OF	DATE: 22-JAN-97
				KIRBY BUILDING SYSTEMS	CKO. BY: HLP
				WALL PANEL SYSTEM	DATE: 22-JAN-97
				24 GA. KIRBYRIB WALL PANEL	DWG. NO. E 5 OF 6
				ID NUMBER, TITLE	MGE



Detail "B"

**PRODUCT RENEWED**

ACCEPTANCE No. 00-0913.03

EXPIRATION DATE 08/21/2003

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

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE AUGUST 21 1997  
 BY Helmut A. M... ..  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 96-1118.02

- 1) This 24 gage Kirby Rib I Wall Panel shall be used for wall construction only. Every actual wall 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 wall field, and end zones based on the panel allowables shown below.
  
- 2) The maximum spans and pressures for the 24 gage Kirby Rib I Wall Panel in the wall's field, and end zones shall be based on the following panel allowables:
  - a. Maximum allowable bending moment of panel at supports = 98.75 ft - lbs.
  - b. Maximum allowable bending moment of panel between supports = 79.0 ft - lbs.
  - c. EI value of panel =  $1.19 \times 10^6$  lbs.- in<sup>2</sup>
  - d. Maximum allowable deflection of Wall Panel =  $L / 180$
  - e. Maximum support reaction = 217.25 lbs.

*J. Walter Lewis*  
 7124197  
 J. WALTER LEWIS  
 # 23966

REV	DESCRIPTION	BY	DATE	 BUILDING SYSTEMS AN ABS COMPANY	P. O. BOX 390 KIRBY DRIVE PORTLAND, TENN. 37148		
						SECTIONS AND DETAILS	DRN. BY: M. ELLIS
				FOR TESTING OF	DATE: 22-JAN-97		
				KIRBY BUILDING SYSTEMS	CKD. BY: HLP		
				WALL PANEL SYSTEM	DATE: 22-JAN-97		
ID NUMBER: TITLE				MGE	24 GA. KIRBYRIB WALL PANEL	DWG. NO. E	SHT. NO. 6 OF 6