



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)**

[www.buldingcodeonline.com](http://www.buldingcodeonline.com)

Star Building Systems  
8600 South I-35  
Oklahoma City, OK 73143

**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 Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "Dura-Rib" 0.026" (min.) Galvalume Steel Wall Panel System**

**APPROVAL DOCUMENT:** Drawing No. **FL001117**, titled "DuraRib Wall Dade County, FL", sheets 1 through 3 of 3, dated 11/16/00 with revision dated 05/08/01, prepared by Star Building Systems, signed and sealed by Kwon S. Kim, 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 unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved"; approved plants are as follows:

- 1. Monticello, IA; 2. Elizabethton, TN; and 3. Lockeford, CA

**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 # 00-1214.01** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



*J. Gascon*  
*12/18/06*

NOA No 06-0809.05  
Expiration Date: May 24, 2011  
Approval Date: January 11, 2007  
Page 1

**Star Building Systems**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's section drawings.
2. Drawing No FL001117, Sheets 1 through 3 of 3, titled "DuraRib Wall Dade County, FL", sheets 1 through 3 of 3, dated 11/16/00 with revision dated 05/08/01, prepared by Star Building Systems, signed and sealed by Kwon S. Kim, P.E.

**B. TESTS**

1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test on Star DuraRib Steel Wall Panel, prepared by Hurricane Test Laboratory, Inc., Report No. 0120-0809-00, dated October 20, 2000, signed and sealed by Vinu J. Abraham, P.E.
2. Accelerated Testing of Coating per ASTM D1654, Report No. PRI01050, dated July 19, 2001, prepared by PRI Asphalt Technologies, signed by Charles L. Thomas, P.E. This test was requested as part of the review of this file. It takes 1000 hours.

**C. CALCULATIONS**

1. Calculations, dated December 11, 2000, 1 page, prepared by Kwon S. Kim, P.E., signed and sealed by Kwon S. Kim, P.E.

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. Tensile Test Report No. OJM-1760, prepared by QC Metallurgical, Inc., dated November 30, 2000, signed and sealed by Frank Grate, P.E.
2. Mill Test Report from U. S. Steel Group for Galvalume Sheet Structural Steel.

**E. STATEMENTS**

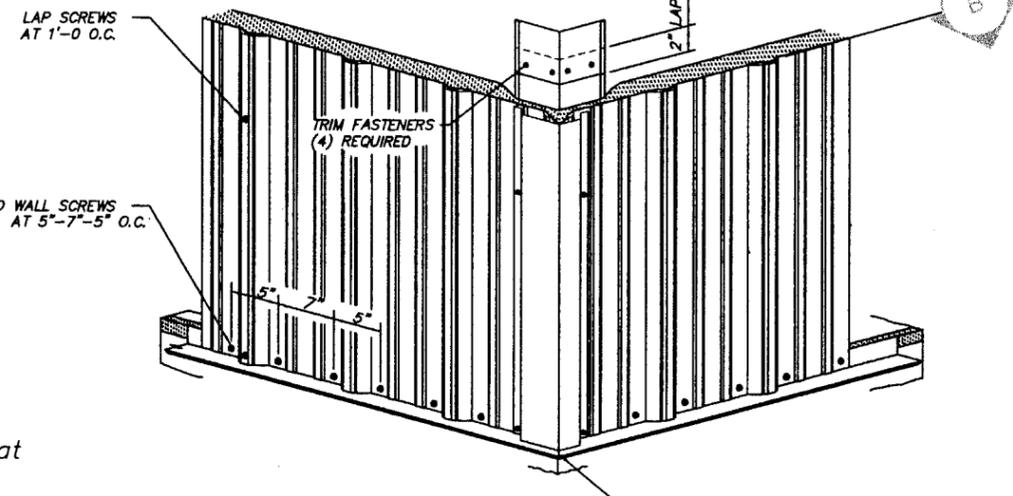
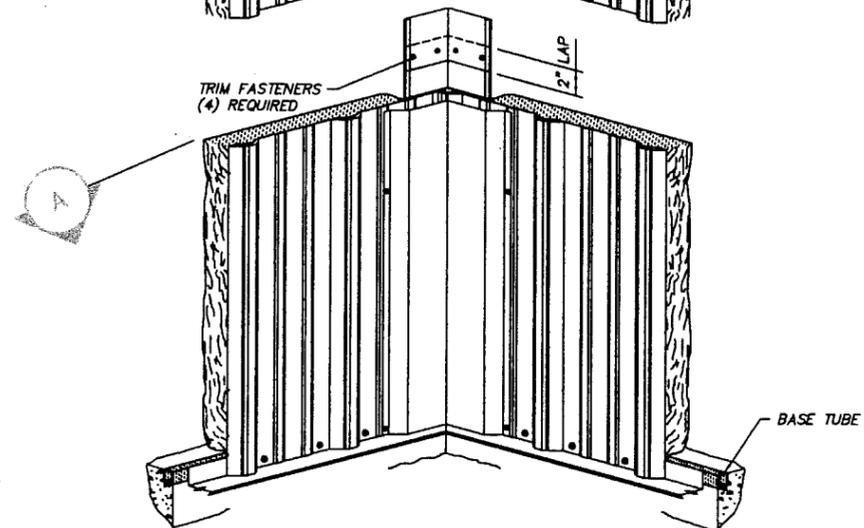
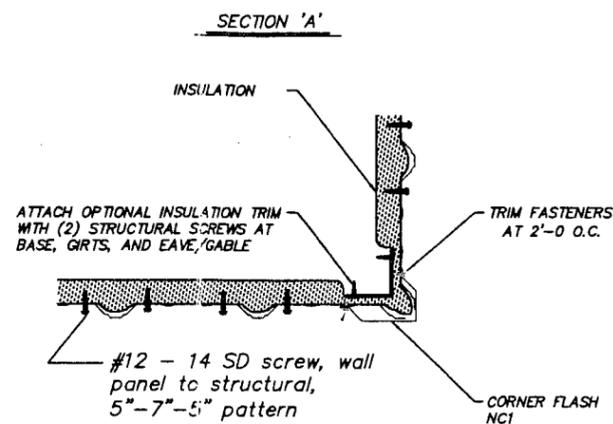
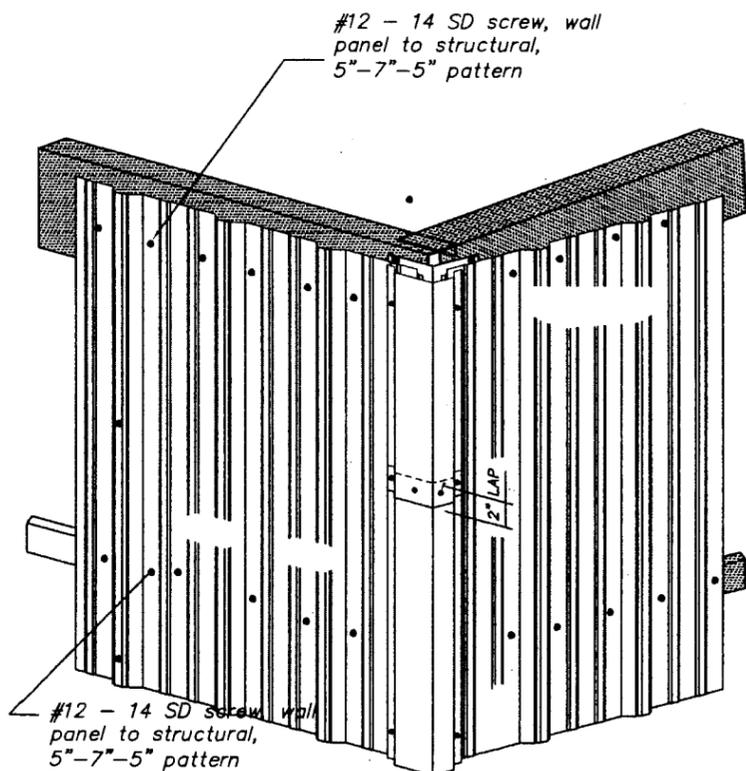
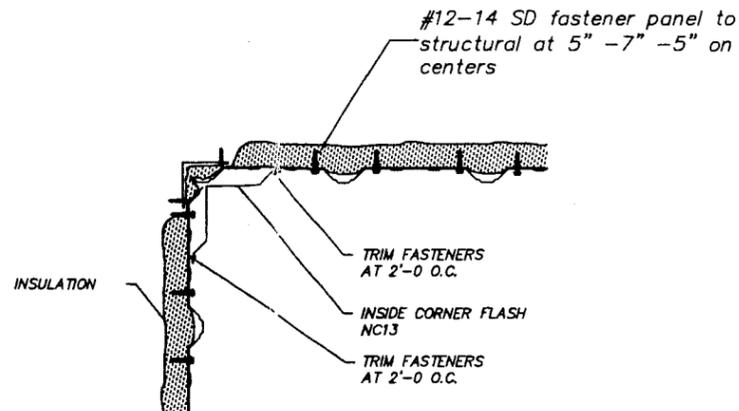
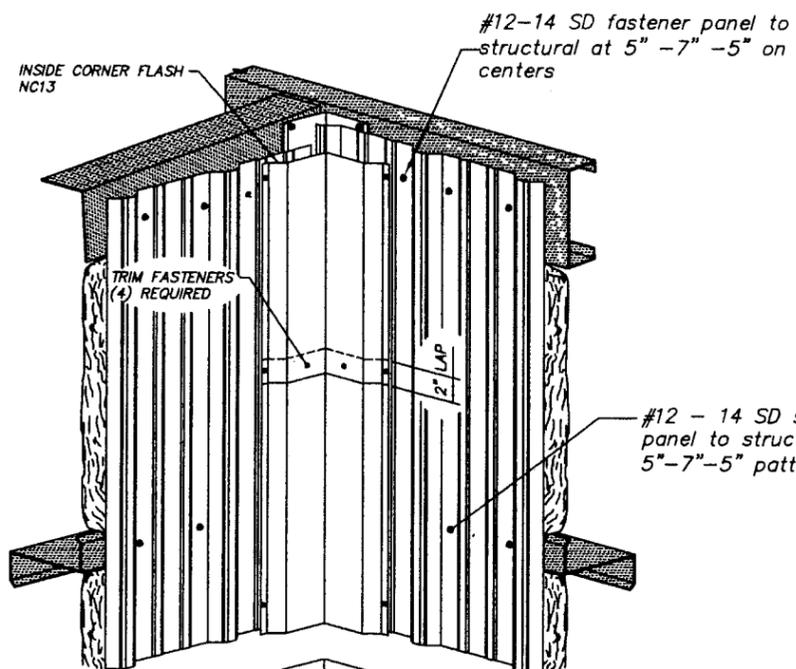
1. Statement letter of conformance, dated July 14, 2006, signed and sealed by Dan De Kalb, P.E.
2. Statement letter that the product has not changed since last approved, dated July 14, 2006, signed and sealed by Dan De Kalb, P.E.

**G. OTHER**

1. Notice of Acceptance No. **00-1214.01**, issued to Star Building Systems for their Series "DuraRib" 0.026" (min.) Galvalume Steel Wall Panel System, approved on 05/24/01 and expiring on 05/24/06.

  
\_\_\_\_\_  
Jaime D. Gascon, P.E.

Chief, Product Control Division  
NOA No 06-0809.05  
Expiration Date: May 24, 2011  
Approval Date: January 11, 2007



Screw Schedule

Structural Screw; panel to structural, #12-14x1.5" at 5"-7"-5" on centers.

Lap Screw; panel to panel, 1/4-14x3/4" at 12" on centers.

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-0809.05  
 Expiration Date MAY 23, 2011  
 By *[Signature]*  
 Miami Made Product Control  
 Division

*Wm m Leo*  
 5/16/01

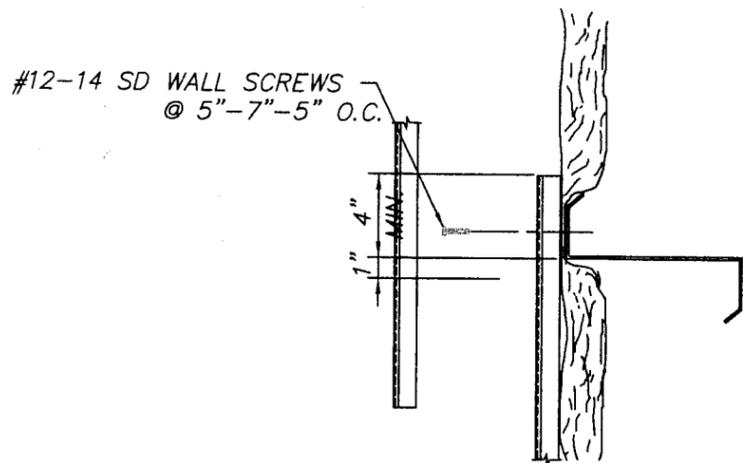
Inside Corner

Outside Corner

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE 05/24/2001  
 BY *[Signature]*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-1214.01

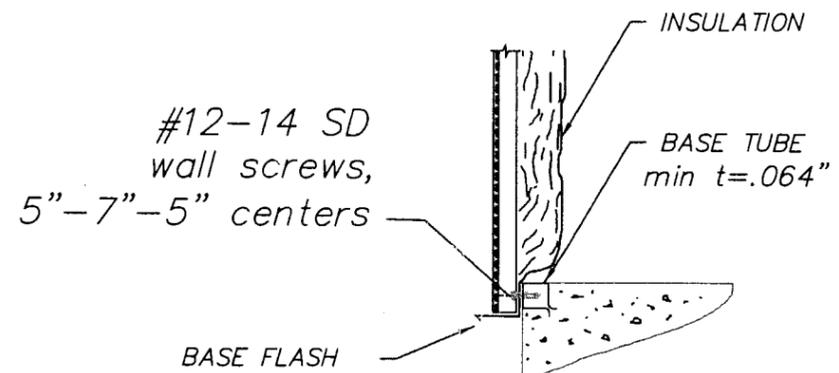
		Title: DuraRib Wall Dade County, FL		DRAWING NO. FL001117	
		NOT TO SCALE		Sheet 1 of 3	
5-8-03	KSK	text move	CHECKED KSK	DATE 11-16-00	
4-10-01	KSK	general revisions			

STAR BUILDING SYSTEMS P.O. BOX 94810  
 OKLAHOMA CITY, OK 73143  
 A RobertsonCeco Company (405) 836-2010



#12-14 SD WALL SCREWS  
@ 5"-7"-5" O.C.

Panel Lap

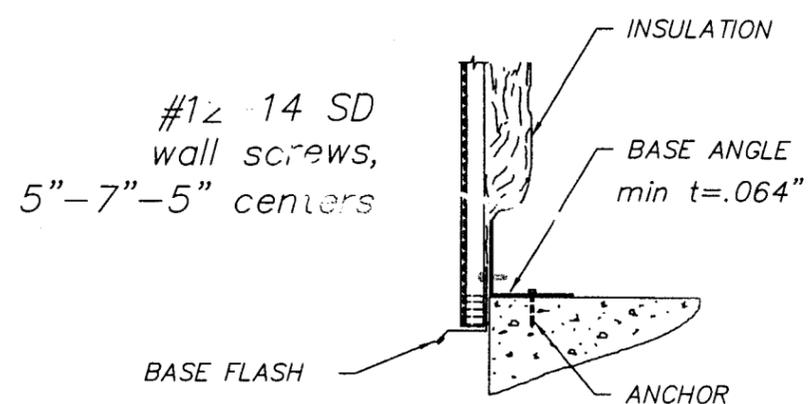


#12-14 SD wall screws,  
5"-7"-5" centers

INSULATION  
BASE TUBE  
min t=.064"

BASE FLASH

BASE TUBE



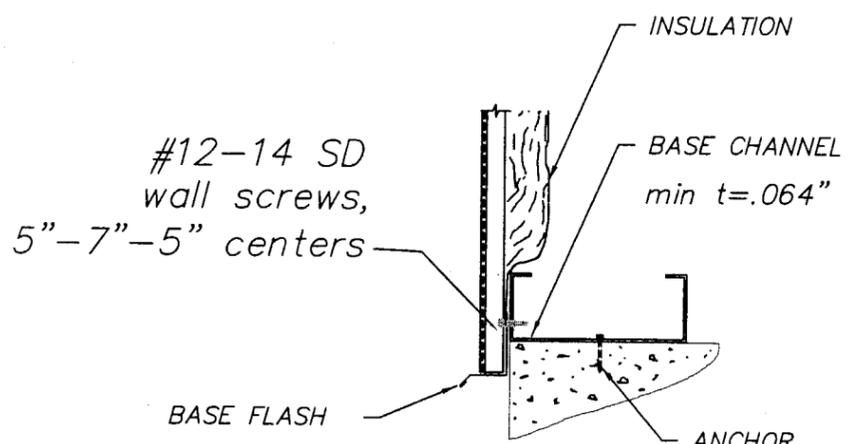
#12-14 SD wall screws,  
5"-7"-5" centers

INSULATION  
BASE ANGLE  
min t=.064"

BASE FLASH

ANCHOR

BASE ANGLE



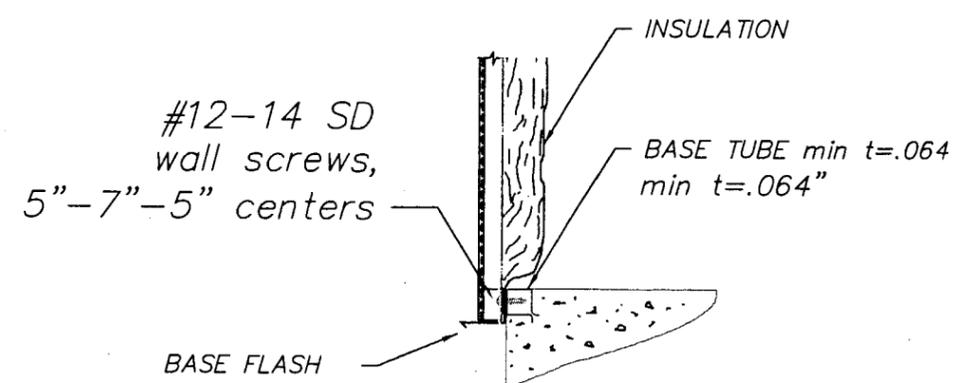
#12-14 SD wall screws,  
5"-7"-5" centers

INSULATION  
BASE CHANNEL  
min t=.064"

BASE FLASH

ANCHOR

BASE CHANNEL

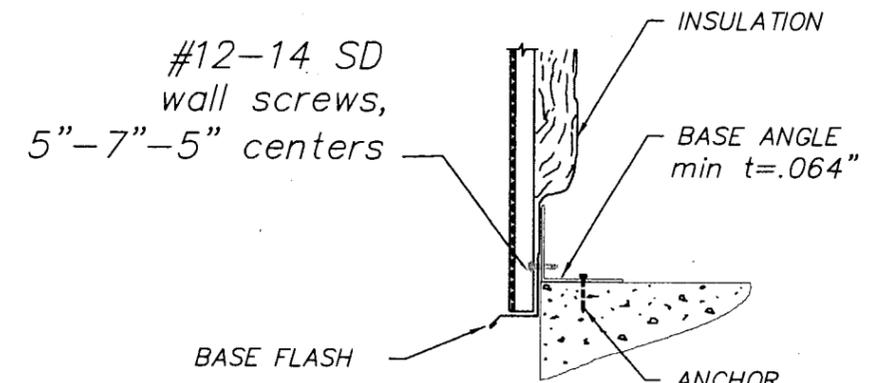


#12-14 SD wall screws,  
5"-7"-5" centers

INSULATION  
BASE TUBE min t=.064"  
min t=.064"

BASE FLASH

BASE TUBE



#12-14 SD wall screws,  
5"-7"-5" centers

INSULATION  
BASE ANGLE  
min t=.064"

BASE FLASH

ANCHOR

BASE ANGLE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE 05/24/2001  
BY Heung A. Makin  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-1214.01

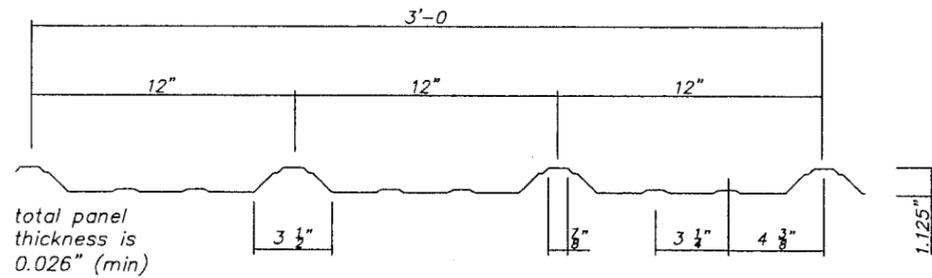
PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 06-0809.05  
Expiration Date MAY 24, 2011  
By [Signature]  
Miami Dade Product Control  
Division

[Signature]  
5/8-01

		DuraRib Wall Dade, file: DR wall Dade 1				 <b>STAR BUILDING SYSTEMS</b> <small>A Robertson/Coaco Company</small> P.O. BOX 84910 OKLAHOMA CITY, OK 73143 (405) 836-2010		DRAWING NO.
						Title: <u>DuraRib Wall Dade County, FL</u>		<u>FL001117</u>
				CHECKED ksk		DATE 11-17-00		Sheet 2 of 3
4-10-01	KSK	general revisions		NOT TO SCALE				

Product Control Approval is limited to the wall metal panel and its attachment fastener to the structural purlins (beams). The structural adequacy of all other structural items: beams, columns, fascia supports, connections, foundations, etc., shall be verified by the structural plans examiner of the corresponding building department. The metal wall panel shall not be designed to act as a diaphragm.

**DuraRib Wall Panel Profile**



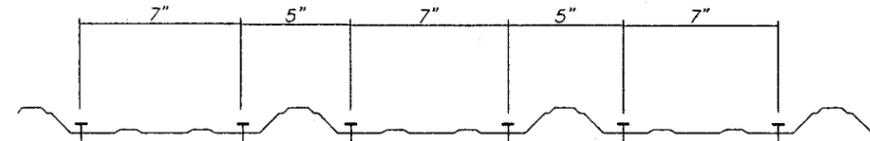
**Panel Material:** 0.026" thick total coated steel panel, painted with silicon poly or Kynar, 55 ksi min yield. Galvalume coating is per ASTM A-792

**Allowable Design Load**

Allowable design load of the DuraRib wall panel is + or - 50 psf (max.) at 4'-0" max. continuous equal spans. The allowable load is based on the load tests conducted at the Hurricane Testing Lab per the Dade protocols PA-201, PA-202 and PA-203.

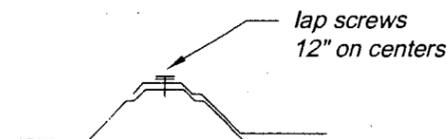
To achieve the allowable load the construction must meet the requirements shown drawing #FL001117 (3 sheets) including material characteristics, section with dimension and thickness, and applicable sections of the FBC.

**Structural Screw Spacing**



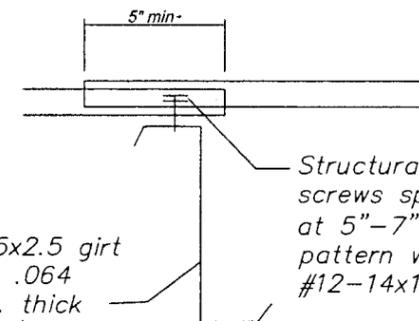
Structural Screw; #12-14x1.5" SD with sealing washer and #12-14x1.5 SD stainless cap, with sealing washer.  
Structural screw fastens the panel to min 0.064" thick Z girt. Compressible insulation up to 4" thick may be added.

**Side Lap Screw Spacing**



Lap Screw; 1/4-14x3/4" SD with washer and #1/4-14x3/4" stainless cap, with sealing washer.

**End Lap Detail**  
Location; at purlin only



Z8.5x2.5 girt with .064 min. thick

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE 05/24/2001  
BY Helene A. Mader  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-1214-01

**PRODUCT RENEWED**  
as complying with the Florida Building Code  
Acceptance No. 06-0809-05  
Expiration Date MAY 24, 2011  
By [Signature]  
Miami Dade Product Control Division

*Handwritten note:* See spec 5/8-01

file: DR Wall Dade 3		STAR BUILDING SYSTEMS P.O. BOX 94910 OKLAHOMA CITY, OK 73143 A RobertsonCeco Company (405) 636-2010		DRAWING NO. FL001117
5-8-01	KSK	panel thickness designation and text change (.0239" 24 gage to 0.026" total coated thickness)	CHECKED ksk	DATE 11-17-00
4-10-01	KSK	general revisions, added Product Control Approval note.	Title: DuraRib Wall Dade County, FL	
			NOT TO SCALE	
				Sheet 3 of 3