



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**NOTICE OF ACCEPTANCE (NOA)**

**Varco Pruden Buildings, a Division of BlueScope Buildings NA, Inc.**  
**3200 Players Club Circle**  
**Memphis, TN 38125**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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: Vee Rib Screwed Down Ribbed Wall Panel**

**APPROVAL DOCUMENT:** Drawing No. 1 titled " Vee-Rib Wall Mock-Up ", sheets 1 and 2 of 2, prepared by Varco-Pruden Buildings, Inc. dated August 04, 2006, last revision #1 dated May 22, 2013, signed and sealed by Larry L. Boozer, P.E., on May 22, 2013, 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 Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact**

**LABELING:** Each panel shall bear a permanent label with the manufacturer's name or logo, St. Joseph, MO or Evansville, WI 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 # 08-0514.04** and consists of this page 1, evidence submitted pages E-1, E-2 & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
06/06/2013

NOA No. 13-0311.06  
Expiration Date: 06/10/2014  
Approval Date: 06/06/2013  
Page 1

**Varco Pruden Buildings, a Division of BlueScope Buildings NA, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #95-0629.08**

**A. TESTS**

1. *Test report on: 1) Large Missile Impact Test; 2) Static Air Pressure: Test pressure 75 psf and Design pressure 50 psf; 3) Cyclic Wind Pressure: Test Pressure 25/30/65 psf and Design Pressure 50 psf, prepared by Architectural Testing Inc., Test Report No. ATI-15547, dated 05/19/95, signed and sealed by Allen N. Reeves, P.E.*
2. *Test report on: 1000 hours in salt spray per ASTM B117, prepared by Akzo Nobel Coatings, Inc. dated 01/15/95, signed and sealed by David A. Cocuzzi.*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #99-0324.14**

**A. DRAWINGS:**

1. *Drawing No. 990324.14, titled "VEE-RIB Wall Mock-Up", sheet 1 of 2, and "Erection Details", sheet 2 of 2, prepared by Kevin R. Adams, P.E., dated May 26, 1995, signed and sealed by Kevin R. Adams, P.E., on February 16, 1999, sheets 1 and 2 of 2.*

**B. CALCULATIONS:**

1. *Calculations titled "Allowable Panel Span (VR Wall)", dated February 15, 1999, pages 1 through 3 of 3, prepared by Kevin R. Adams, P.E., signed and sealed by Kevin R. Adams, P.E.*

**C. MATERIAL CERTIFICATIONS:**

1. *Tensile Test Report No. 01-33389.06, prepared by Architectural Testing Inc., dated March 15, 1999, signed and sealed by Allen N. Reeves, P.E.*

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #01-1128.05**

**A. DRAWINGS:**

1. *Drawing No. 2001-008, titled "VEE-RIB Wall Mock-Up", sheets 1 and 2 of 2, prepared by Joe N. Nunnery, P.E., dated October 25, 2001, signed and sealed by Joe N. Nunnery, P.E., on January 3, 2002.*

**B. TESTS**

1. *Test report on: 1) Large Missile Impact Test; 2) Static Air Pressure Test; 3) Cyclic Wind Pressure Test, prepared by Architectural Testing Inc., Test Report No. ATI-01-40373.01, dated 11/19/2001, signed and sealed by Allen N. Reeves, P.E.*
2. *Addendum to Test Report No. ATI-01-40373.01, dated 12/14/2001, signed and sealed by Allen N. Reeves, P.E.*



**Helmy A. Makar, P.E., M.S.**  
Product Control Unit Supervisor  
NOA No. 13-0311.06  
Expiration Date: 06/10/2014  
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**Varco Pruden Buildings, a Division of BlueScope Buildings NA, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**C. CALCULATIONS:**

1. Calculations titled "Analysis of results of static air pressure test per protocol PA-202", dated 11/20/2001, 2 pages, prepared by Joe N. Nunnery, P.E., signed and sealed by Joe N. Nunnery, P.E.
2. Calculations titled "Analysis of results of static air pressure test per protocol PA-202", not dated, 1 page, prepared by Joe N. Nunnery, P.E., signed and sealed by Joe N. Nunnery, P.E.

**D. MATERIAL CERTIFICATIONS:**

1. Tensile Test Report No. 01-40373, prepared by Architectural Testing Inc., dated 11/19/2001, signed and sealed by Allen N. Reeves, P.E.

**E. STATEMENTS**

1. Statement of Compliance form Joe Nunney, P.E. dated January 2, 2002
2. Statement of Financial Interest from Joe Nunney, P.E. dated January 2, 2002

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #07-0515.03**

**A. DRAWINGS**

1. Drawing No. 1 and 2 titled "Vee-Rib Wall Mock-Up", prepared by Varco-Pruden Buildings, Inc. dated August 04, 2007, signed and sealed by Clifton E. Querry, P.E., on 08/06/07.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. Calculations titled "Vee Rib Panel Design Validation", 7 pages, prepared by ", prepared by Varco-Pruden Buildings, Inc. dated August 04, 2007, signed and sealed by Clifton E. Querry, P.E., on 08/31/07.

**D. QUALITY ASSURANCE**

1. Miami-Dade County Building Code Compliance Office.

**E. MATERIAL CERTIFICATIONS**

1. None.



**Helmy A. Makar, P.E., M.S.**  
Product Control Unit Supervisor  
NOA No. 13-0311.06  
Expiration Date: 06/10/2014  
Approval Date: 06/06/2013

**Varco Pruden Buildings, a Division of BlueScope Buildings NA, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0514.04**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *Calculations titled "Vee Rib Panel Design Validation", 7 pages, prepared by Varco-Pruden Buildings, Inc. dated May 07, 2008, signed and sealed by Clifton E. Querry, P.E., on 05/07/2008.*

**D. QUALITY ASSURANCE**

1. *Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**6. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. 1 titled " Vee-Rib Wall Mock-Up ", sheets 1 and 2 of 2, prepared by Varco-Pruden Buildings, Inc. dated August 04, 2006, last revision #1 dated May 22, 2013, signed and sealed by Larry L. Boozer, P.E., on May 22, 2013.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

1. *Miami-Dade County Department of Regulatory and Economic Resources.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

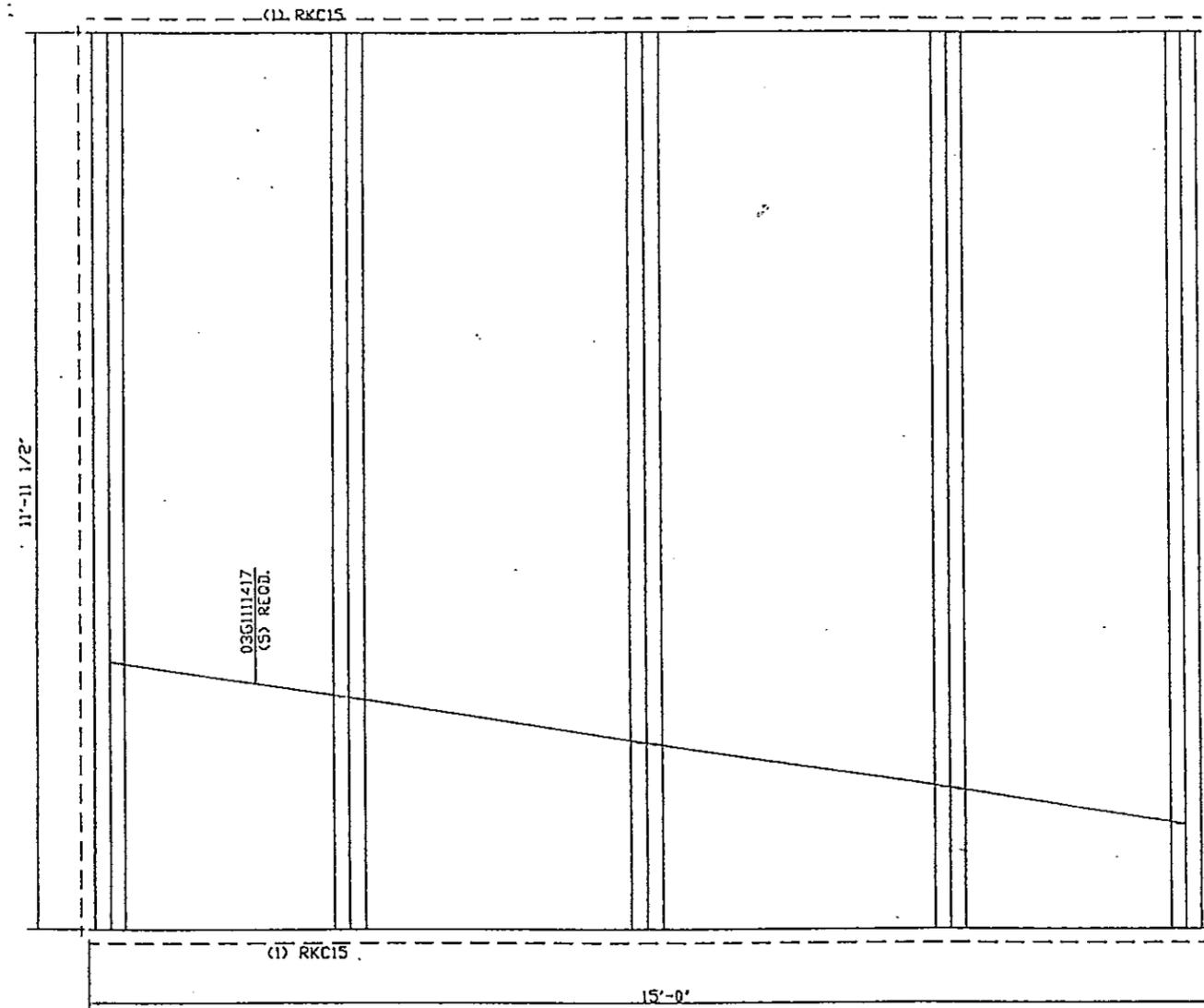


**Helmy A. Makar, P.E., M.S.**  
**Product Control Unit Supervisor**

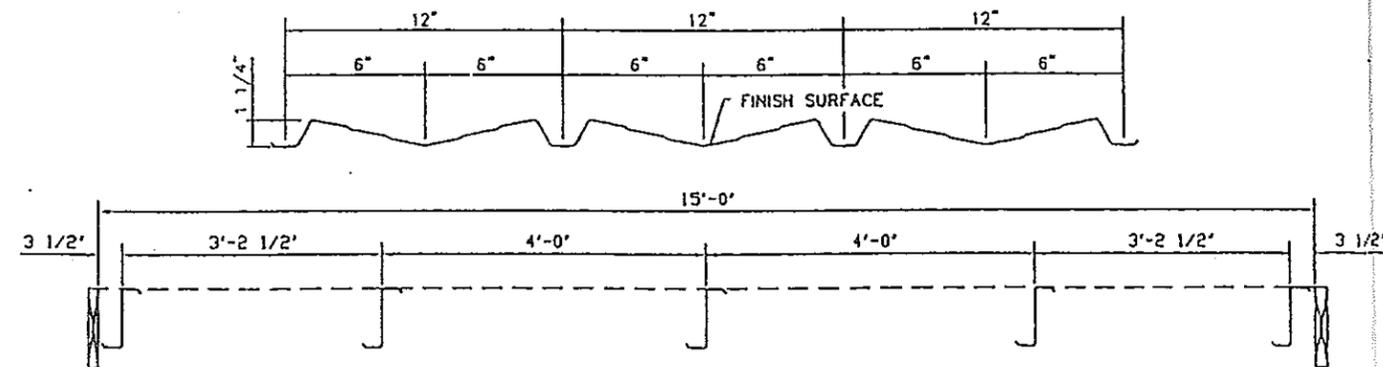
**NOA No. 13-0311.06**

**Expiration Date: 06/10/2014**

**Approval Date: 06/06/2013**



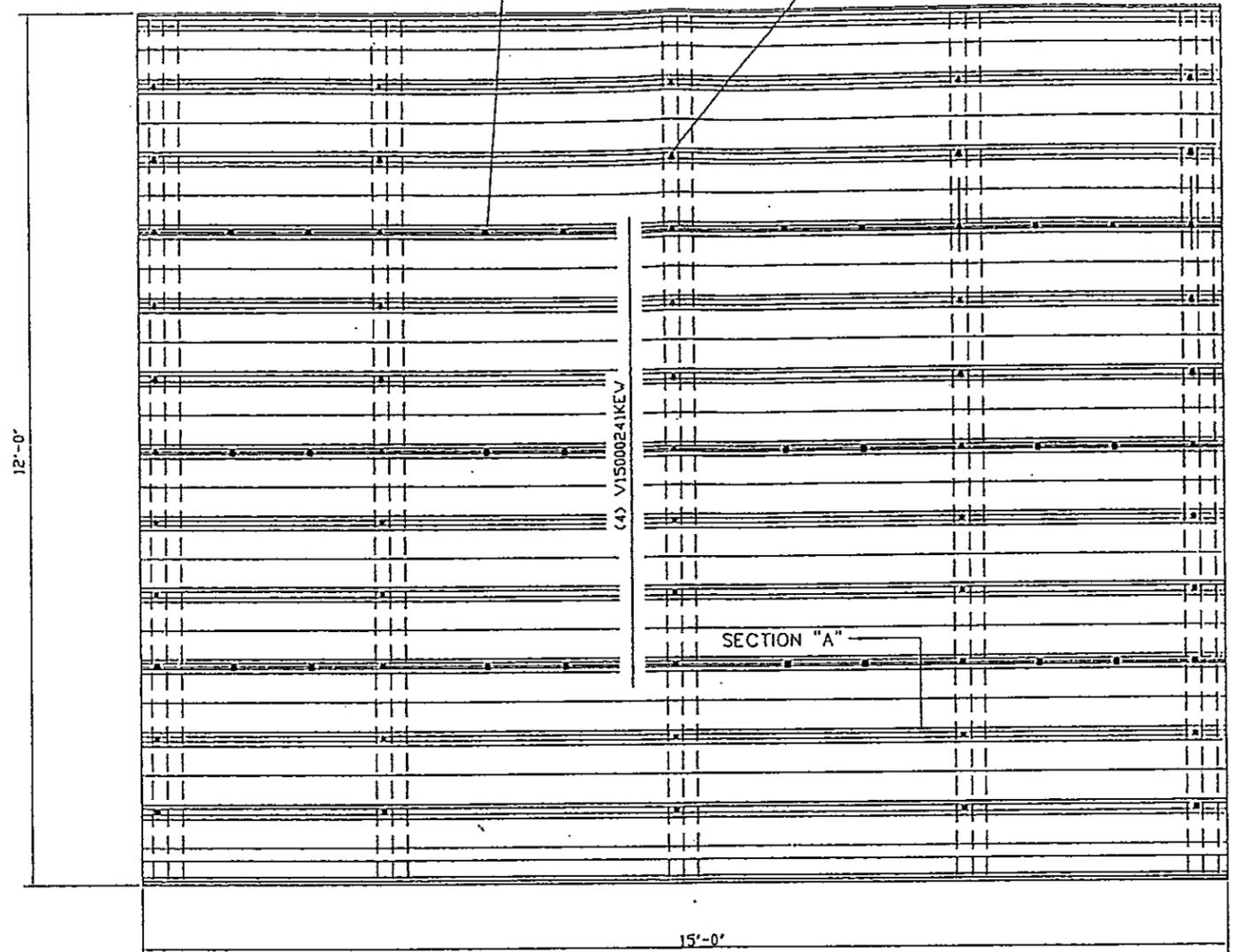
FRAMING PLAN



TEST SPECIMEN GIRT SPACING

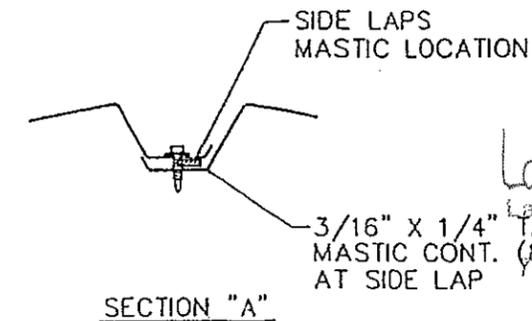
1/4-14 X 7/8" WALL STITCH FSNR  
W/ WASHER SPACED @ 16" O.C. MAX.  
BETWEEN EACH SUPPORT TYPICAL

12-14 X 1 1/4" WALL STRUCTURAL,  
SELF DRILLING SCREWS, ONE PER  
LOW FLUTE ALONG EACH SUPPORT TYPICAL



"VEE-RIB" WALL SHEETING TEST SPECIMEN

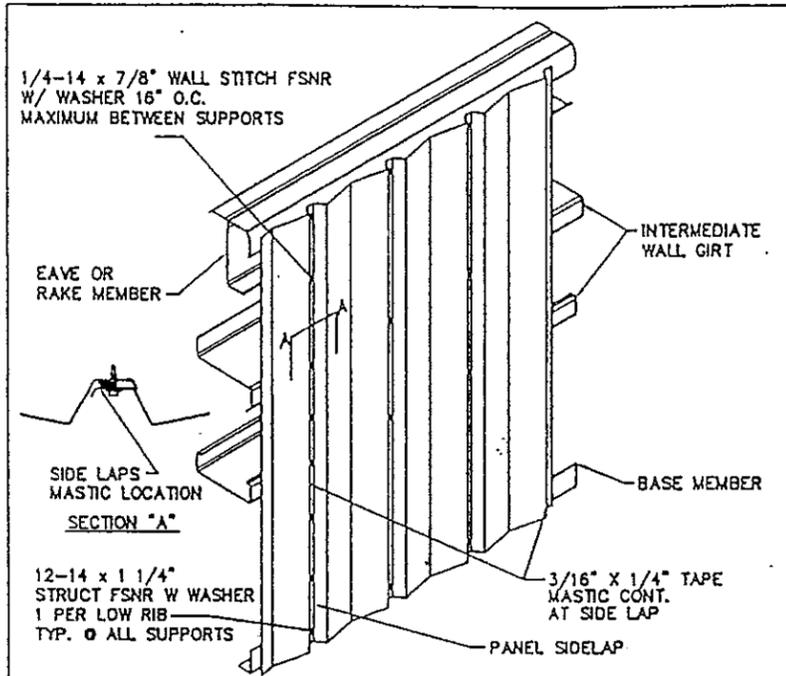
PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0311-06  
Expiration Date 26/10/2014  
By [Signature]  
Miami Dade Product Control



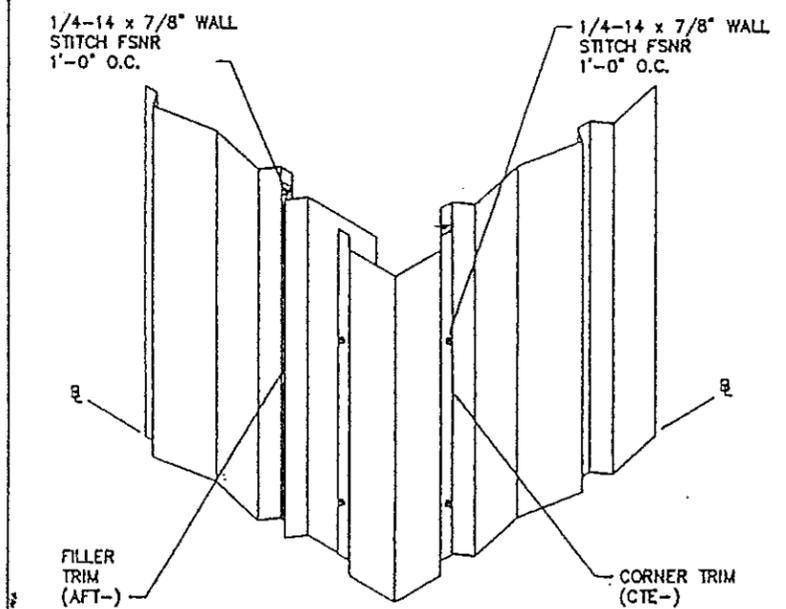
**LARRY L. BOOZER**  
LICENSE  
No. 44236  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
Larry L. Boozer, P.E. No. 44236  
VP Buildings, Inc.  
7031 Albert Pick Rd., Suite 200  
Greensboro, NC 27409

THIS DRAWING, INCLUDING THE INFORMATION HEREON,  
REMAINS THE PROPERTY OF VARCO-PRUDEN BUILDINGS, INC.

VEE-RIB" WALL MOCK-UP				PAGE 1 OF 2	
REV	DATE	BY	DESCRIPTION	MANUFACTURER:	DATE
				VARCO-PRUDEN BUILDINGS, INC.	
				ADDRESS: 3200 PLAYERS CLUB CIRCLE	
				MEMPHIS, TN. 38125	
				SOUTH FLORIDA BLD'G CODE	
				VP BUILDINGS VARCO-PRUDEN	



**VEE RIB WALL** WC04B3  
FASTENER PATTERNS AIR INFILTRATION / WATER PENETRATION RATED ASSEMBLIES



**OUTSIDE CORNER TRIM (NON DIAPHRAGM)** WC20B2  
VEE RIB WALL

**General Notes:**

- The VEE RIB structural metal siding panels consist of 24 gage cold formed steel sheet conforming to the general requirements of ASTM A924 and the physical requirements of ASTM A653 Grade 50 (50,000 psi minimum yield stress) coating designation G-90 with a minimum total embossed thickness of 0.0275 inches.
- The VEE RIB structural metal siding may be used as structural siding or curtain wall of buildings.
- The VEE RIB structural metal panels shall be on steel supports not less than 0.059 inches in thickness with #12-14 threads/in x 1 1/4" long self-drilling screws. A fastener shall be located at each low flute. The sidelap joints shall be fastened with 1/4" diameter 14 threads per inch x 7/8" long stitch screws. Sidelap fasteners shall be placed between girts at a spacing not to exceed 16 inches between adjacent fasteners. Panel side seams shall be sealed with 3/16" x 1/4" wide butyl based polymer tape mastic.
- The maximum wall panel span is 4'-0".
- Using the more critical of the panels maximum allowable structural properties, bending moment, maximum allowed fastener load, or L/240 deflection, the following tables define allowable wind pressure/suction for the girt spacing shown. Girt spacing must be selected from this table to comply with the wind pressures specified in the current 2010 Florida Building Code.
- The VEE RIB structural metal panels may act as a structural diaphragm in accordance with the limitations of the 2010 Florida Building Code Section 2222.4.
- The State of Florida Product approval number for this product is FL 12762.2

**Wind Suction (REFER TO NOTE 1 BELOW)**

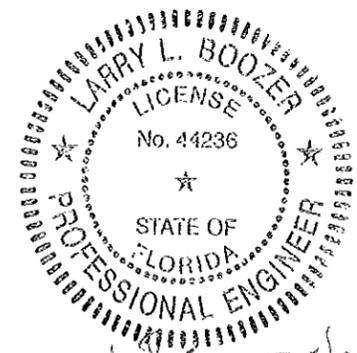
span	Simple Span	2-Span Continuous	3-Span Continuous	4-Span Continuous
2 ft	141	109	126	126
2.25	112	86	107	100
2.5	90	70	87	81
2.75	75	58	72	67
3	65	49	61	57
3.25	51	41	52	48
3.5	41	36	45	42
3.75	33	31	39	36
4	27	27	34	32

**Wind Pressure (REFER TO NOTE 1 BELOW)**

span	Simple Span	2-Span Continuous	3-Span Continuous	4-Span Continuous
2 ft	63.3	63.3	63.3	63.3
2.25	63.3	63.3	63.3	63.3
2.5	63.3	63.3	63.3	63.3
2.75	63.3	63.3	63.3	63.3
3	63.3	63.3	63.3	63.3
3.25	42	53	63.3	62
3.5	35	46	56	53
3.75	28	40	49	47
4	23	35	43	41

**NOTES: 1. SUCTION/PRESSURE VALUES SHOWN ABOVE ARE ALLOWABLE STRENGTH DESIGN FOR ULTIMATE STRENGTH DESIGN MULTIPLY ABOVE BY 1.67**

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 13-0311.06  
Expiration Date 06/18/2014  
By *Heidi Allen*  
Miami Dade Product Control



*Larry L. Boozer*  
Larry L. Boozer, P.E. No. 44236  
VP Buildings, Inc.  
7031 Albert Pick Rd., Suite 200  
Greensboro, NC 27409

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

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THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING. DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

VP Buildings, Inc. 3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
1	5/22/13	LLB	REVISED FOR FBC 2010
NTS			

VP BUILDINGS VP BUILDINGS VP BUILDINGS	JOB #
CUSTOMER VP Buildings	DATE 8/4/2008
LOCATION Kernersville, North Carolina	DRAWN/CHECK
PROJECT	PAGE 2 OF 2
VP BUILDINGS POP	VP VERSION: 5.6d