



**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

NOTICE OF ACCEPTANCE (NOA)

**Varco Pruden Buildings, Inc.
1140 West Mountain Street
Kernersville, NC 27284**

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: Vee Rib Screwed Down Ribbed Wall Panel

APPROVAL DOCUMENT: Drawing No. 1 and 2 titled " Vee-Rib Wall Mock-Up ", prepared by Varco-Pruden Buildings, Inc. dated August 04, 2006, signed and sealed by Clifton E. Querry, P.E., on August 06, 2007, 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 # 07-0515.03** 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
06/26/2008

**NOA No. 08-0514.04
Expiration Date: 06/10/2013
Approval Date: 06/26/2008**

Varco-Pruden Buildings, 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.*

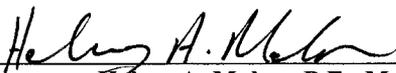
3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #01-1128.05

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 Examiner
NOA No. 08-0514.04
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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 Examiner
NOA No. 08-0514.04
Expiration Date: 06/10/2013
Approval Date: 06/26/2008

Varco-Pruden Buildings, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

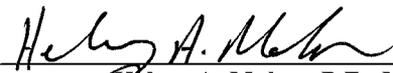
1. *Calculations titled "Vee Rib Panel Design Validation", 7 pages, prepared by Varco-Pruden Buildings, Inc. dated May 07, 2008, signed and sealed by Clifton E. Querry, P.E., on 05/07/2008.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*



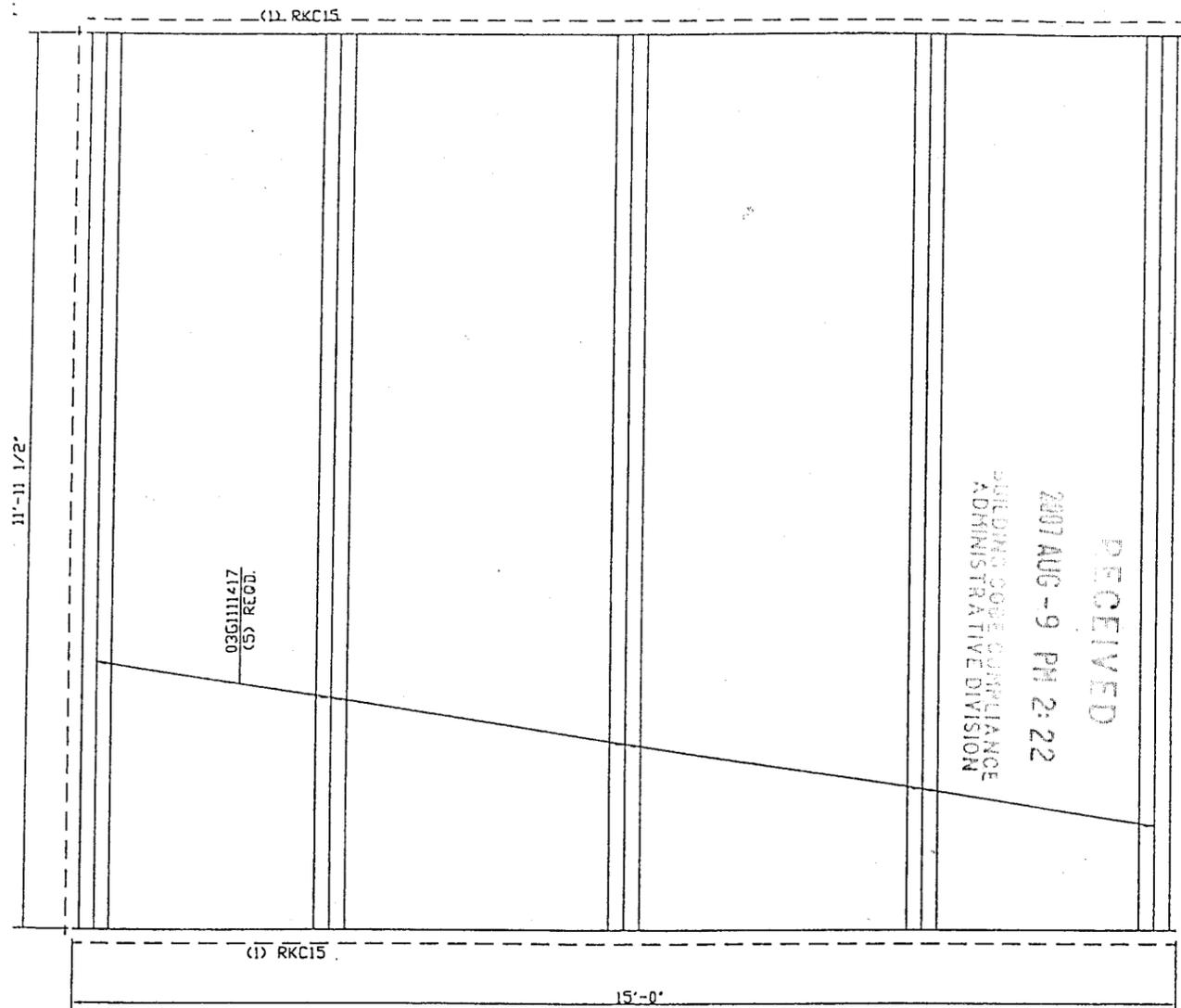
Helmy A. Makar, P.E., M.S.

Product Control Examiner

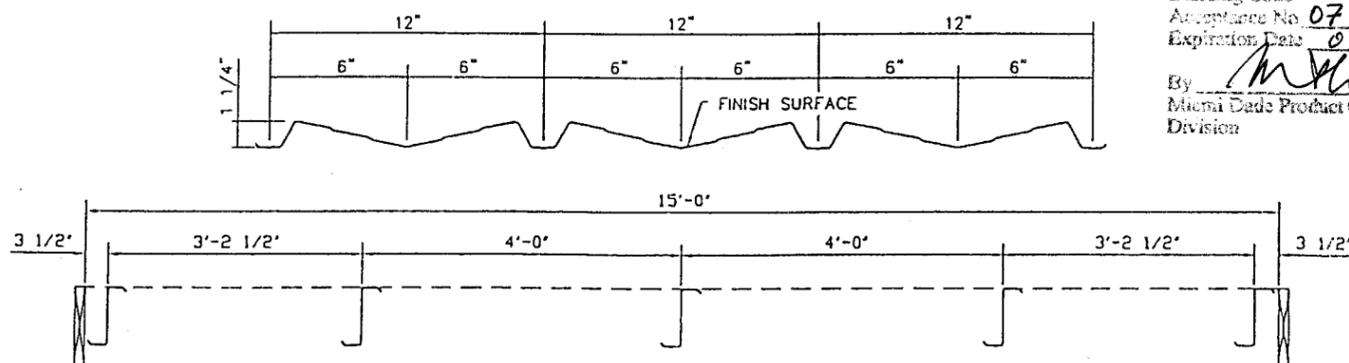
NOA No. 08-0514.04

Expiration Date: 06/10/2013

Approval Date: 06/26/2008



FRAMING PLAN



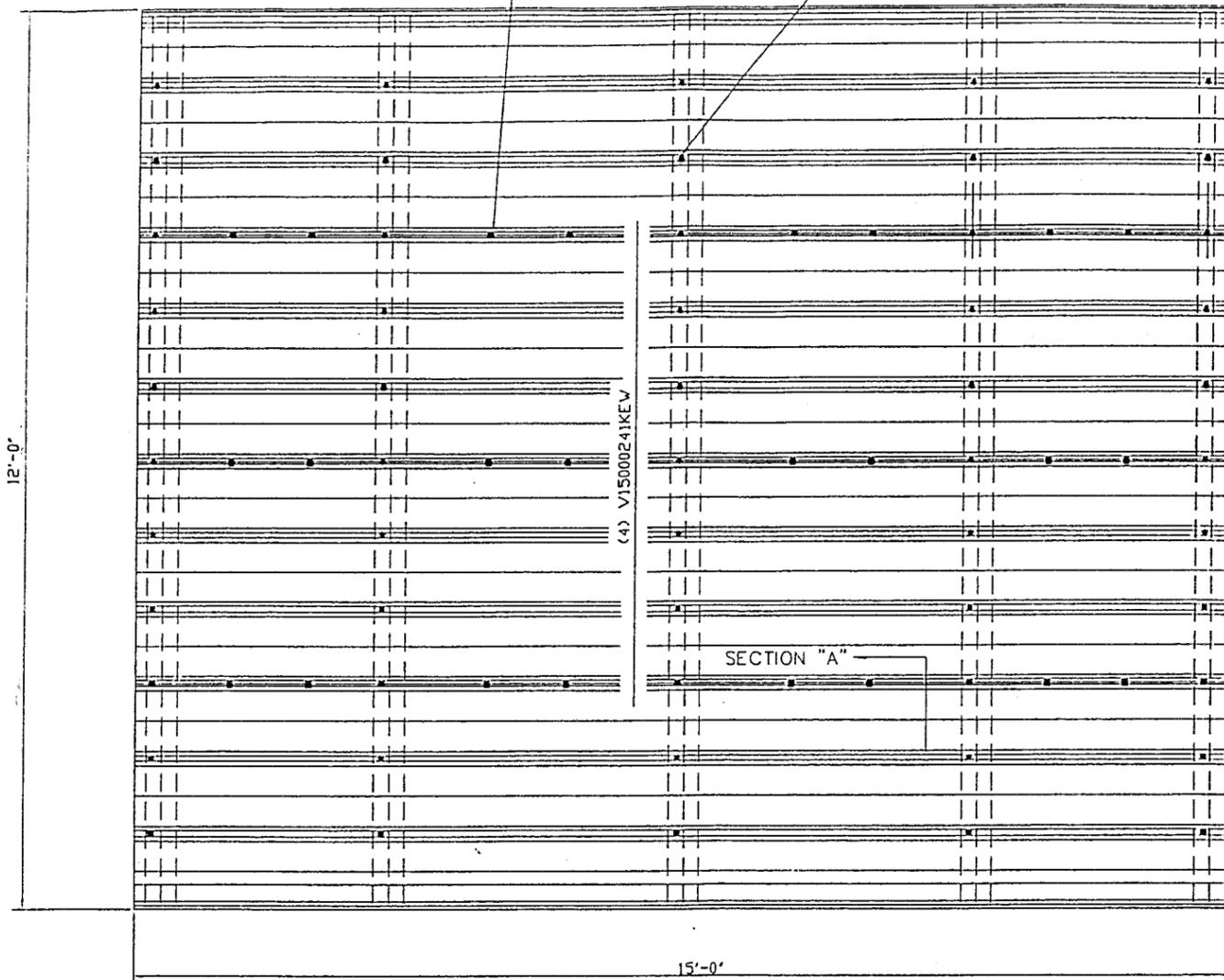
TEST SPECIMEN GIRT SPACING

RECEIVED
 2007 AUG -9 PM 2:22
 BUILDING CODE COMPLIANCE
 ADMINISTRATIVE DIVISION

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 07-0515-03
 Expiration Date 06/10/08
 By *M. M. M.*
 Miami Dade Product Control
 Division

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

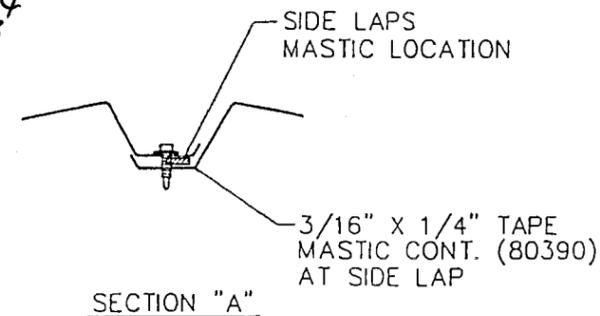
12-14 X 1/4" WALL STRUCTURAL,
 SELF DRILLING SCREWS, ONE PER
 LOW FLUTE ALONG EACH SUPPORT TYPICAL



"VEE-RIB" WALL SHEETING TEST SPECIMEN PLAN

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 08-0514-04
 Expiration Date 06/10/2013
 By *Helmy A. M. M.*
 Miami Dade Product Control
 Division

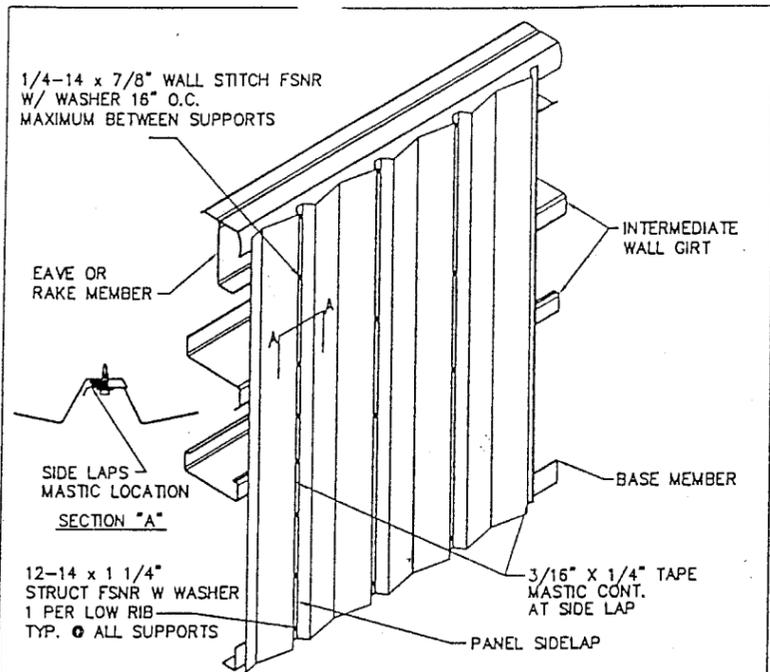
RECEIVED
 JANUARY 24, 2007
Helmy A. M. M.
 01-1128.05



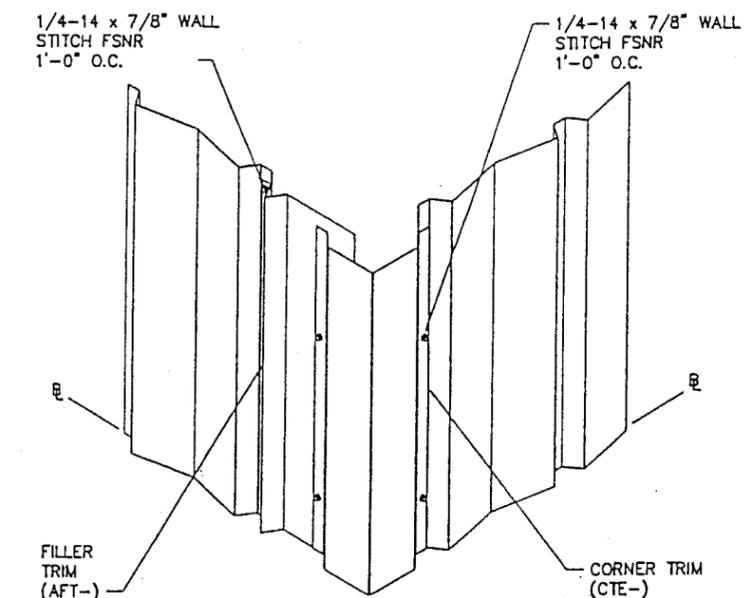
CM 3

8-6-07

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:	VARCO-PRUDEN BUILDINGS, INC.	DATE	1
				ADDRESS:	3200 PLAYERS CLUB CIRCLE	TIME	
					MEMPHIS, TN, 38125		
					SOUTH FLORIDA BLD'G CODE		
NTS							
						1 OF 2	



VEE RIB WALL WC04B3
 FASTENER PATTERNS AIR INFILTRATION / WATER PENETRATION RATED ASSEMBLIES 10/25/2001



OUTSIDE CORNER TRIM (NON DIAPHRAGM) WC20B2
 VEE RIB WALL WC20B2V3 R 02/28/06

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 08-0514.04
 Expiration Date 06/10/2013
 By Helmut A. Meier
 Miami Dade Product Control
 Division

RECEIVED
 2007 AUG -9 PM 2:22
 BUILDING CODE COMPLIANCE
 ADMINISTRATIVE DIVISION

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 07/0515.03
 Expiration Date 04/10/08
 By Mr. Meier
 Miami Dade Product Control
 Division

Cliff G

8-6-07

General Notes:

1. 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.
2. The VEE RIB structural metal siding may be used as structural siding or curtain wall of buildings.
3. 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.
4. The maximum wall panel span is 4'-0".
5. 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 2004 Florida Building Code and it's 2005 and 2006 supplements.
6. The VEE RIB structural metal panels may not act as a structural diaphragm in accordance with the limitations of the 2004 Florida Building Code and it's 2005 and 2006 supplements.
7. The state of Florida Product Approval number for this product is 8245.

Wind Suction				
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				
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

THIS 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	BUILDER
				CUSTOMER VP Buildings
				LOCATION Kernersville, North Carolina
				PROJECT
				BUILDER'S P.O.#
				NTS

DATE 8/4/2006
 DRAWN/CHECK
 FILENAME: ITest.VPC



JOB #
 DATE 8/4/2006
 DRAWN/CHECK
 PAGE 2 of 2