



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: "Panel – Rib" Screwed Down Ribbed Steel Wall Panel

APPROVAL DOCUMENT: Drawings titled "Panel-Rib Wall Mock-Up", sheets 1 & 2 of 2, prepared by V.P. Buildings, Inc., signed and sealed by Clifton E. Query, P.E., on October 16, 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 # 07-0515.04 and consists of this page 1, evidence submitted pages E-1, & E-2 as well as approval document mentioned above.

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



Helmy A. Makar
07/10/2008

NOA No. 08-0514.03
Expiration Date: 07/01/2009
Approval Date: 07/10/2008
Page 1

Varco Pruden Buildings, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #95-0629.07

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-15546, dated 05/18/95, 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 #99-0324.13

A. DRAWINGS

1. *Drawing No. 990324.13, titled "PANEL-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 May 1999, sheets 1 and 2 of 2.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculations titled "Allowable Panel Span (PR Wall)", dated February 12, 1999, pages 1 through 3 of 3, prepared by Kevin R. Adams, P.E., signed and sealed by Kevin R. Adams, P.E.*

D. 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 #02-0417.01

A. DRAWINGS

1. *None.*

B. TESTS

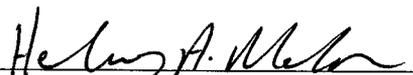
1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*



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

Product Control Examiner

NOA No. 08-0514.03

Expiration Date: 07/01/2009

Approval Date: 07/10/2008

Varco Pruden Buildings, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #07-0515.04

A. DRAWINGS

1. Drawings, titled "Panel-Rib Wall Mock-Up", sheets 1 and 2 of 2, prepared by V.P. Buildings, Inc., signed and sealed by Clifton E. Querry, P.E. on 10/16/07.

B. TESTS

1. None.

C. CALCULATIONS

1. Calculations titled "24 gage Panel Rib", dated October 10 2007, 7 pages, prepared by V.P. Buildings, Inc., signed and sealed by Clifton E. Querry, P.E.

D. QUALITY ASSURANCE

1. By Miami-Dade county Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. 2004 Code Compliance letter, dated 06/15/07, prepared by VP Buildings, signed and sealed by Clifton E. Querry, P.E.
2. No financial interest letter, dated 04/30/07, prepared by VP Buildings, signed and sealed by Clifton E. Querry, P.E.

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. Calculations titled "24 gage Panel Rib", dated May 07, 2008, 7 pages, prepared by V.P. Buildings, Inc., signed and sealed by Clifton E. Querry, P.E.

D. QUALITY ASSURANCE

1. By Miami-Dade county Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. None.



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

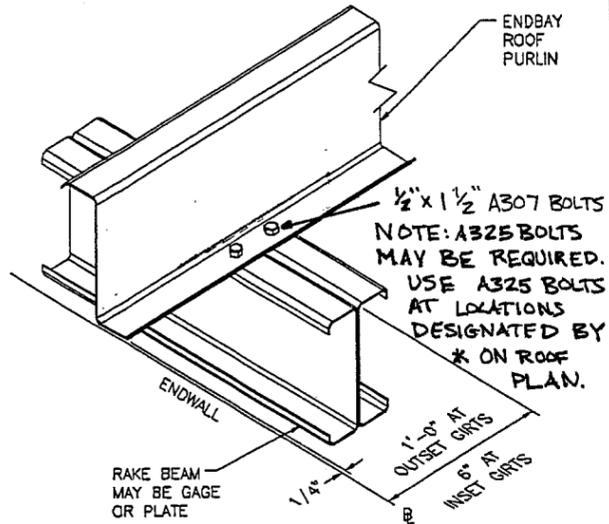
Product Control Examiner

NOA No. 08-0514.03

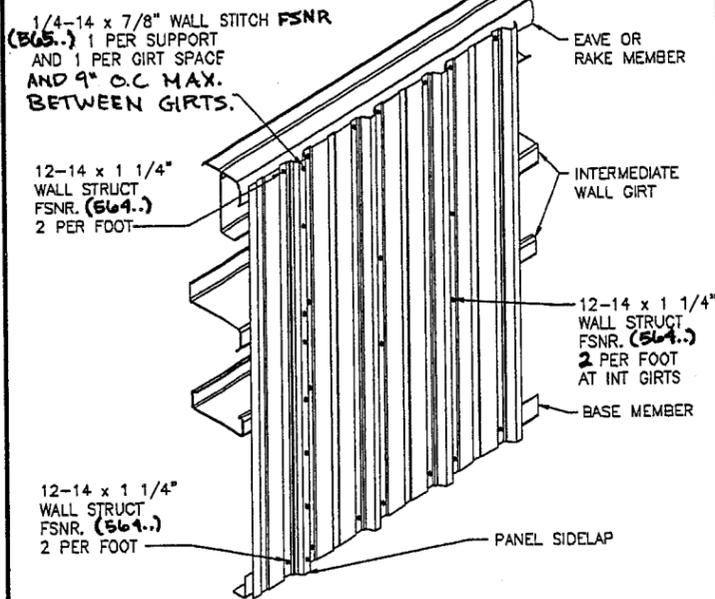
Expiration Date: 07/01/2009

Approval Date: 07/10/2008

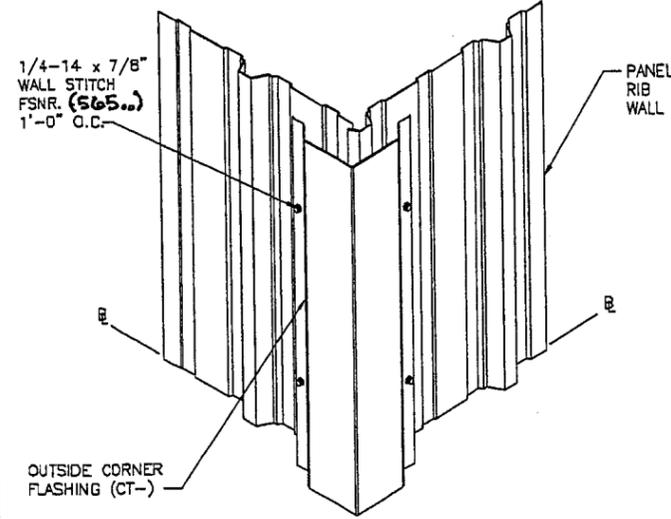
NOTE: NO CLIP REQ'D UNLESS NOTED ON FRAME CROSS SECTION.



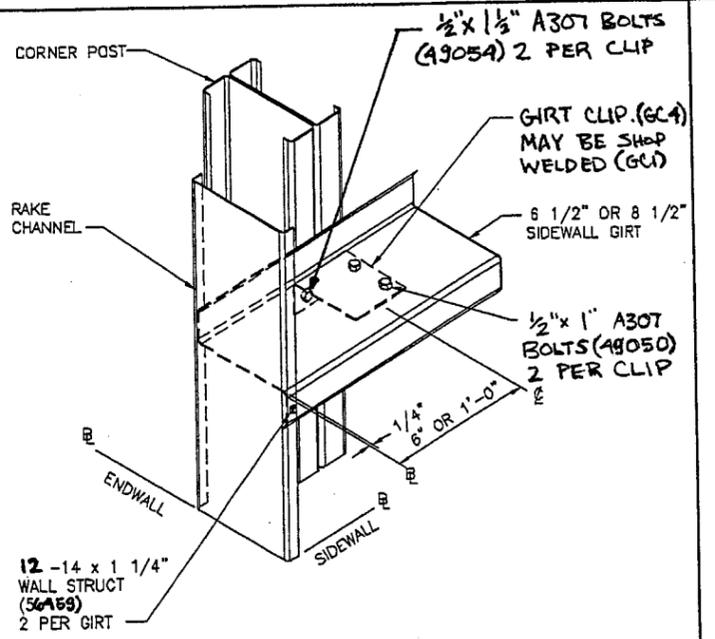
PURLIN CONN. TO END FRAME
6 1/2" OR 8 1/2" CONT. OR SIMPLE W/O CLIP
RS02A1



PANEL RIB WALL
FASTENER PATTERNS
WC04A1



OUTSIDE CORNER TRIM
PANEL RIB WALL
WC20A1



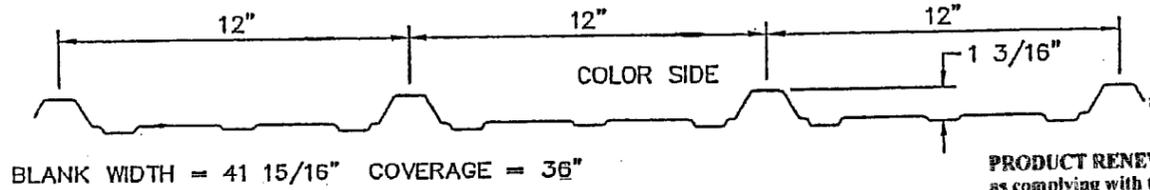
GIRT CONN. AT CORNER POST
OPEN ENDWALL, ANY GIRT AT SW
WS10B6

General Notes:

- The "PANEL- RIB" structural metal siding panels consist of cold formed steel sheet metal 24 gage, 0.022 in. minimum base metal thickness, conforming to ASTM A653 Grade 50, with a minimum yield strength $F_y=50,000$ psi.
- The "PANEL- RIB" structural metal siding panels shall be coated in compliance with ASTM A924 (Galvanized) Class G90 or with ASTM A792 (Galvalume) Class AZ50 or painted with KXL.
- The "PANEL- RIB" structural metal siding panels may be used as structural siding or curtain wall of buildings.
- The "PANEL- RIB" structural metal siding panels shall be installed on steel support not less than 0.059 thick with #12-14 threads/in x 1 1/4 in. long self drilling screws. The fasteners shall be located at each low flute. The lap joints shall be fastened with 1/4 in. diameter 14 threads per in. x 7/8 in. long screws. The lap joint fasteners shall be placed at each girt and at 16 in. O.C. maximum between girts. The panel overlap seams shall be sealed with 1/2 in. wide butyl based polymer sealant tape.
- The maximum allowable bending moment of the panel is 200 ft-lbs.
- Using the panel's maximum bending moment value of 200 ft-lbs., the panel's maximum design load is 50 psf for the maximum panel spans as follows:

Maximum simple span	3.26 ft.
Maximum two equal continuous spans	3.26 ft.
Maximum three equal continuous spans	3.65 ft.
Maximum four equal continuous spans	3.52 ft.
- The L/240 deflection limit does not control in the above maximum spans for the maximum 50 psf wind load.
- The "PANEL-RIB" structural metal panels can not act as a diaphragm according to the limitations stated in Subsection 222.4 of the 2004 Florida Building Code and it's 2005 and 2006 supplements.
- The state of Florida Product Approval number for this panel is 8245.

PANEL RIB WALL PANEL



BLANK WIDTH = 41 15/16" COVERAGE = 36"

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 08-0514.03
Expiration Date 07/01/2009
By *Helmut A. Meier*
Miami Dade Product Control Division

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 07-0515.04
Expiration Date 07/01/2008
By *Michael*
Miami Dade Product Control Division

Cliff

Clifton E. Quarry, P.E. No. 58666
VP Buildings, Inc.
1140 West Mountain Street
Kannapolis, NC 27284

10-16-07

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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REV	DATE	BY	DESCRIPTION
NTS			

VP Buildings, Inc. 3200 Players Club Circle Memphis TN 38125		"PANEL-RIB" WALL MOCK UP	
BUILDER	CUSTOMER	LOCATION	PROJECT
BUILDER'S POW	FILENAME	JOB #	
VPC VERSION: 6.0b		PAGE 2 OF 2	