MIAMI-DADE COUNTY
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: 0.022" (min.) 1- 3/16" x 36" Steel Structural Roof Panel

APPROVAL DOCUMENT: Drawing No. 95-0517.01, titled "Panel-Rib Roof Mock-up", sheets 1 through 5 of 5, prepared by Larry L. Boozer, P.E., dated April 28, 1995, sheets 1 and 2 of 5; and December 28, 1995, sheets 3, 4, and 5 of 5, 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 # 08-0305.08** and consists of this page 1, evidence submitted 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.**

MIAMI-DADE COUNTY APPROVED

Helmy A. Makar
03/18/2009

NOA No. 09-0127.09
Expiration Date: 03/07/2014
Approval Date: 03/18/2009

Varco Pruden Buildings, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL No. 95-0517.01

A. DRAWINGS

Title:	"Panel -Rib" roof mock-up
Number:	95-0517.01, sheets 1 through 5
Signature:	Larry L. Boozer, P.E. and R.G. Miller, P.E.
Date:	04/28/95 and 12/28/95
Revision Date:	05/10/95 and 02/13/96

B. TESTS

Laboratory	Architectural Testing, Inc.
Number	ATI-15642
Type:	1- Large missile impacts, per PA 201-94 2- Uniform static air pressure loading, per ASTM E330
Signature:	Allen N. Reeves, P.E.
Date:	05/10/95

Laboratory:	Center for Applied Engineering, Inc. Material Testing Services.
Number:	MTS No. 257485B and 257485A
Type:	1- Resistance to wind driven rain, per PA 100-95 2- Susceptibility to leakage for class 1 metal roof, per PA 114-95 appendix G.
Signature:	R.G. Miller, P.E.
Date:	01/11/96

C. CALCULATIONS

Title:	Varco-Pruden Buildings "24 gauge panel rib roof"
Signature:	Larry L. Boozer, P.E.
Date:	05/12/95
Revision:	09/25/95, 10/09/95 and 02/08/96

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL No. 99-0324.12

A. DRAWINGS

1. None. (See original drawings in file #95-0517.01)

B. TESTS

1. None. (See original test reports in file #95-0517.01)

Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 09-0127.09
Expiration Date: 03/07/2014
Approval Date: 03/18/2009

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. None. (See original calculations in file #95-0517.01)

D. MATERIAL CERTIFICATIONS

1. None. (See original certifications in file #95-0517.01)

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL No. 02-0123.08

A. DRAWINGS

1. None. (See original drawings in file #95-0517.01).

B. TESTS

1. None. (See original drawings in file #95-0517.01).

C. CALCULATIONS

1. None. (See original drawings in file #95-0517.01).

D. MATERIAL CERTIFICATIONS

1. None. (See original drawings in file #95-0517.01).

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #07-0312.04

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0305.08

A. DRAWINGS

1. None.

Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 09-0127.09
Expiration Date: 03/07/2014
Approval Date: 03/18/2009

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

6. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. None.

B. TESTS

1. Susceptibility to Leakage Test in accordance with FM 4471, Appendix G, prepared by Farabaugh Engineering and Testing, Inc., Report No. T122-09, dated February 11, 2009, signed and sealed by Daniel G. Farabaugh, P.E.

2. Uniform Static Air Pressure Test in accordance with ASTM E 1592, prepared by Farabaugh Engineering and Testing, Inc., Report No. T135-08, dated December 31, 2008, signed and sealed by Daniel G. Farabaugh, P.E.

3. Large Missile Test per TAS 201 and Cyclic Air Pressure Test in accordance with TAS 203, prepared by Farabaugh Engineering and Testing, Inc., Report No. T141-08, dated December 31, 2008, signed and sealed by Daniel G. Farabaugh, P.E.

4. Large Missile Test per TAS 201, prepared by Farabaugh Engineering and Testing, Inc., Report No. T140-08, dated December 31, 2008, signed and sealed by Daniel G. Farabaugh, P.E.

C. CALCULATIONS

1. Calculation titled Varco-Pruden Buildings "24 gauge panel rib roof", 19 sheets, dated 01/20/09, prepared and signed and sealed by Larry L. Boozer, P.E.

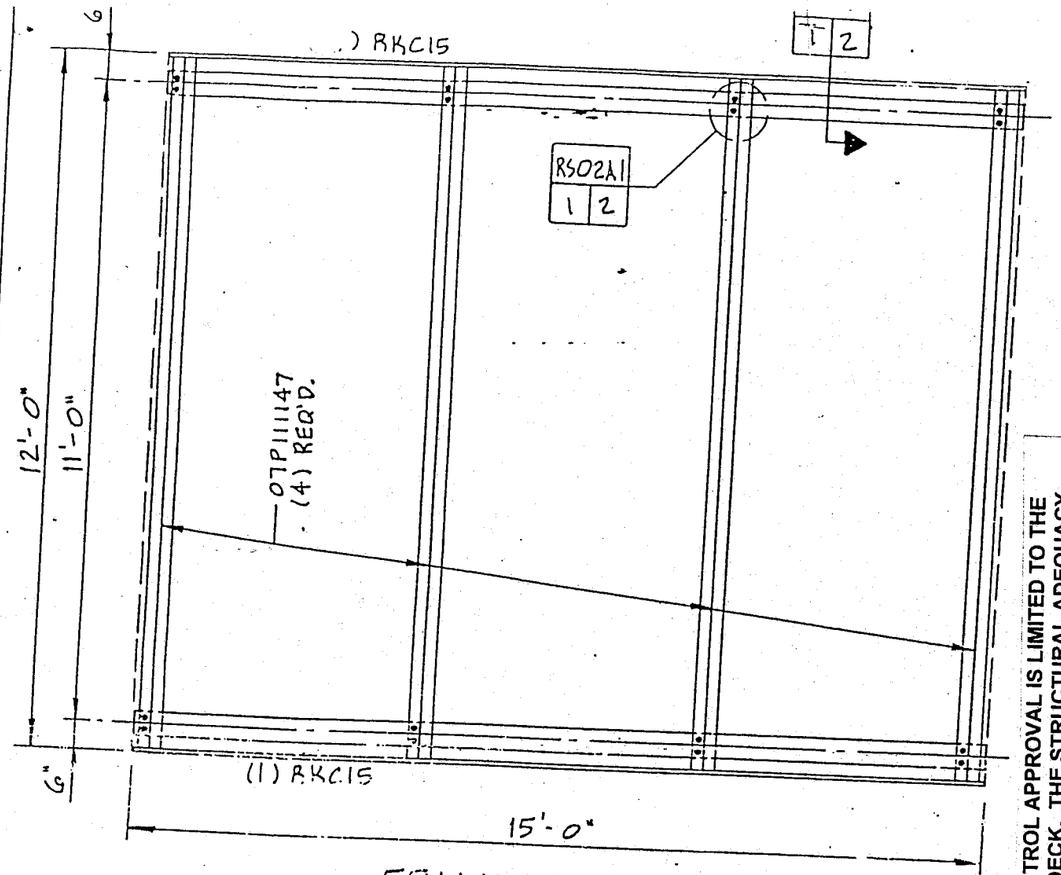
D. QUALITY ASSURANCE

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

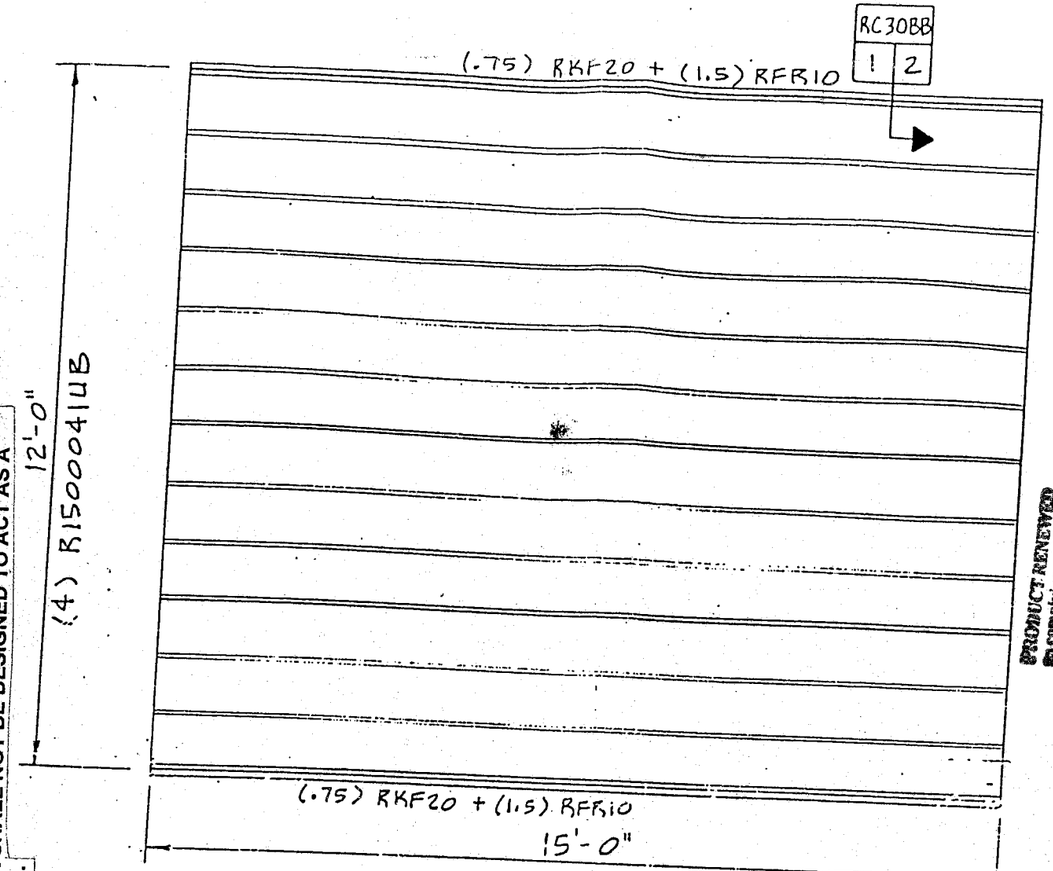
E. MATERIAL CERTIFICATIONS

1. None.

Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 09-0127.09
Expiration Date: 03/07/2014
Approval Date: 03/18/2009

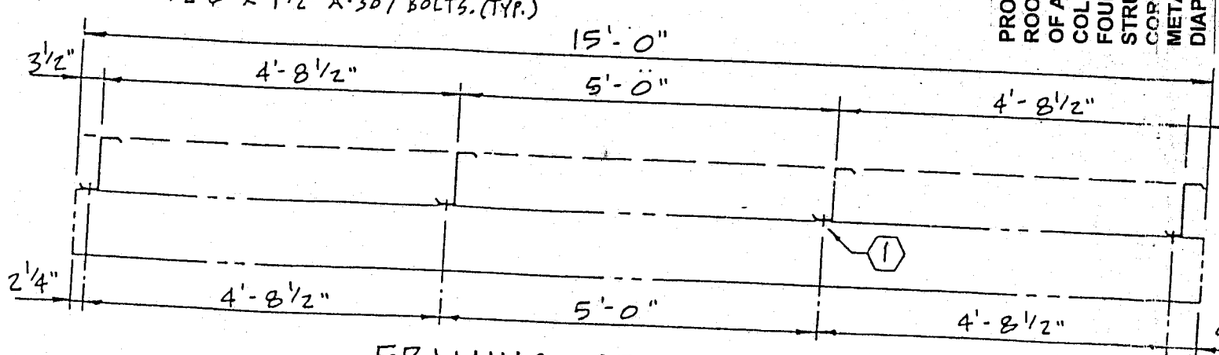


FRAMING PLAN



"PANEL-RIB" ROOF SHEETING PLAN

PRODUCT CONTROL APPROVAL IS LIMITED TO THE ROOF METAL DECK. 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 DECK SHALL NOT BE DESIGNED TO ACT AS A DIAPHRAGM.



FRAMING CROSS SECTION

TEST SPECIMEN COMPLIES WITH THESE DETAILS. ANY DEVIATION IS NOTED.
PROJ. ATI- 15642 TEST DATE 4/5/95

PRODUCT RENEWED
ACCEPTANCE No. 02-0123.08
EXPIRATION DATE 03/07/2007
By Helmy A. Mek
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 08-0305.08
Expiration Date 03/07/2009
By Helmy A. Mek
Miami Dade Product Control Division

PRODUCT RENEWED
ACCEPTANCE No. 99-0324.12
EXPIRATION DATE March 07 2002
By Helmy A. Mek
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 07-0312.04
Expiration Date 03/07/2008
By Helmy A. Mek
Miami Dade Product Control Division

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 09-0127.09
Expiration Date 03/07/2014
By Helmy A. Mek
Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MARCH 7 1996
BY Helmy A. Mek
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0517.01

5/10/95

Note: This panel shall be used for roof construction only. Each actual roof project shall be constructed using the same details shown on these drawings including: a) details of all panel rib sections with dimensions and thickness; b) assembly details including all connections; c) fastener diagram with size and location; d) panel maximum span and pressure for the field, perimeters and corners shown; e) panel material characteristics

~~Design Pressure 50.0 psf~~

Minimum Roof Slope is 1/2 : 12

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"PANEL-RIB" ROOF MOCK-UP

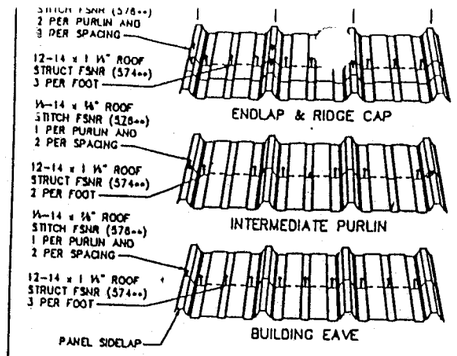
MANUF: VARCO-PRUDEN
ADDRESS: P.O. BOX 2858
LOCATION: WINSTON SALEM, NC
PROJECT NAME: SOUTH FLORIDA BLD'G. CODE

Drawing No. 95-0517.01

MBMA

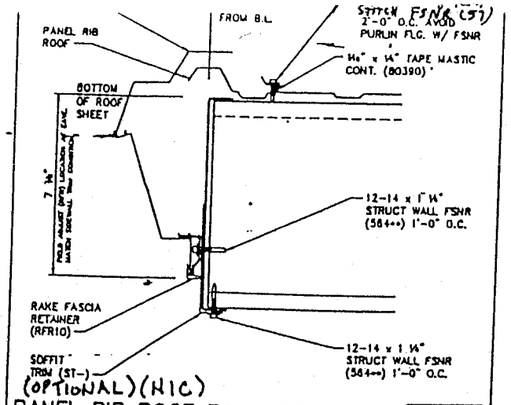
VARCO-PRUDEN BUILDINGS

DATE 4-28-95
TIME 06:14
Sheet No 1 OF 5



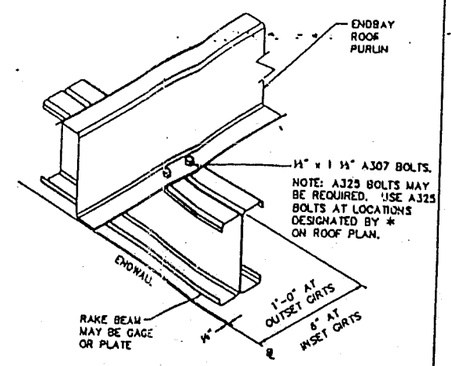
PANEL RIB ROOF FSNR PATTERN — RC04B3

U.L. 90 RATED



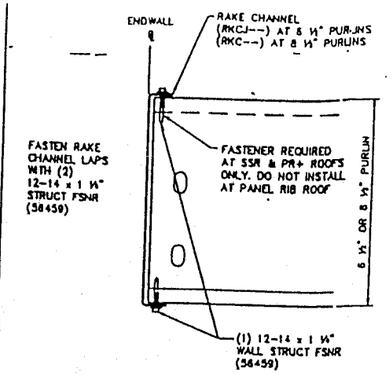
PANEL RIB ROOF RAKE TRIM — RC30BB

RAKE EXTENSION WITHOUT SOFFIT



PURLIN CONN. TO END FRAME — RS02A1

6 1/2" OR 8 1/2" CONT. OR SIMPLE W/O CLIP



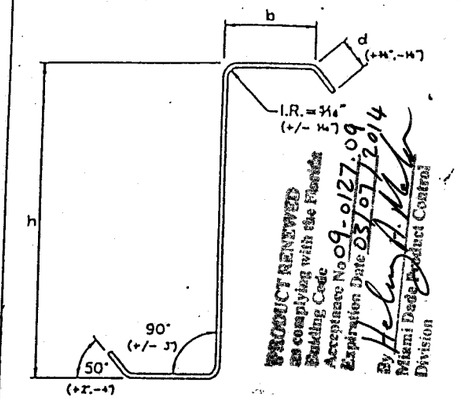
RAKE CHANNEL TO PURLIN — RS10A1

6 1/2" OR 8 1/2" PURLIN

Yield Strength: F_y = 55 ksi

Tensile Strength: F_u = 70 ksi

Purlin Geometry:

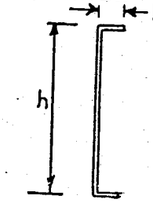


PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 09-0127.09
Expiration Date 03/07/2014
By Helmy A. Mahr
Miami Dade Product Control Division

h = 8 1/2"
b = 2 1/2"

Thick. Code	Design Thick.	Blank (in.)	d (in.)
7	0.059	14.375	0.706

RAKE CHANNEL GEOMETRY:



h = 8 3/4"
b = 1"

Thick. Code	Design Thick	Blank (in)
7	0.059	10.975

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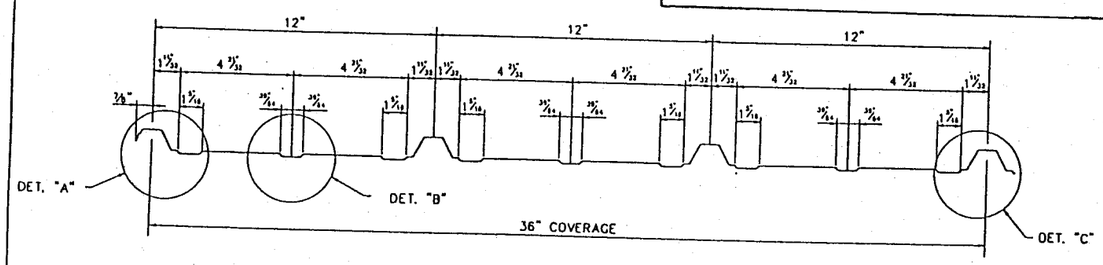
By Helmy A. Mahr
Miami Dade Product Control Division

PRODUCT RENEWED
ACCEPTANCE No. 02-0123.08
EXPIRATION DATE 03/07/2007
By Helmy A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

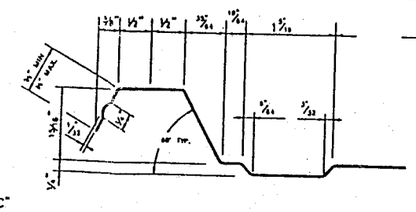
TEST SPECIMEN COMPLIES WITH THESE DETAILS. ANY DEVIATION IS NOTED.
PROJ. ATI- 15642 TEST DATE 4/5/95

MAXIMUM LENGTH: 42'-0"
TOLERANCES: DIM. +OR- .0313" (1/32")
ANGLES: +OR- 1 DEGREE
ALL I.S. RADIUS = 0.125" (1/8")

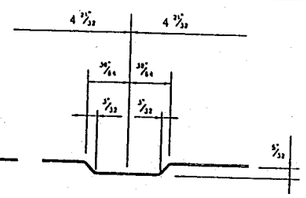
REFERENCE GAGE	NOMINAL THICKNESS	BLANK WIDTH	MATERIAL AND FINISH
24	0.022"	42 1/4"	G-90 COATED STEEL, 50 KSI YIELD PER ASTM A-446 GRADE "D". FINISH TO BE SP OR KYNAR 500 PAINT OR GALVALUME COATED STEEL MIN. YIELD 50 KSI, ASTM A-792.



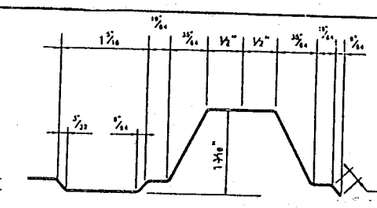
PANEL PROFILE



DETAIL "A"



DETAIL "B"



DETAIL "C"

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 08-0305.08
Expiration Date 03/07/2009
By Helmy A. Mahr
Miami Dade Product Control Division

	Maximum Panel Span	Allowable Pressure (psf)	[redacted]
Field	3'-9"	46.51	[redacted]
Perimeter	2'-6"	89.60	[redacted]
Corner	2'-0"	140.0	[redacted]

PRODUCT CONTROL APPROVAL IS LIMITED TO THE ROOF METAL DECK. 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 DECK SHALL NOT BE DESIGNED TO ACT AS A DIAPHRAGM.

PRODUCT RENEWED
ACCEPTANCE No. 99-0324.12
EXPIRATION DATE March 07 2002
By Helmy A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MARCH 7 1996
BY Helmy A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0517.01

Note: This panel shall be used for roof construction only. Each actual roof project shall be constructed using the same details shown on these drawings including: a) details of all panel rib sections with dimensions and thickness; b) assembly details including all connections; c) fastener diagram with size and location; d) panel maximum span and pressure for the field, perimeters and corners shown; e) panel material characteristics

~~Design Pressure 50.0 psf~~

Minimum Roof Slope is 1/2 : 12

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REV	DATE	BY	DESC

SCALE

ERECTION DETAILS

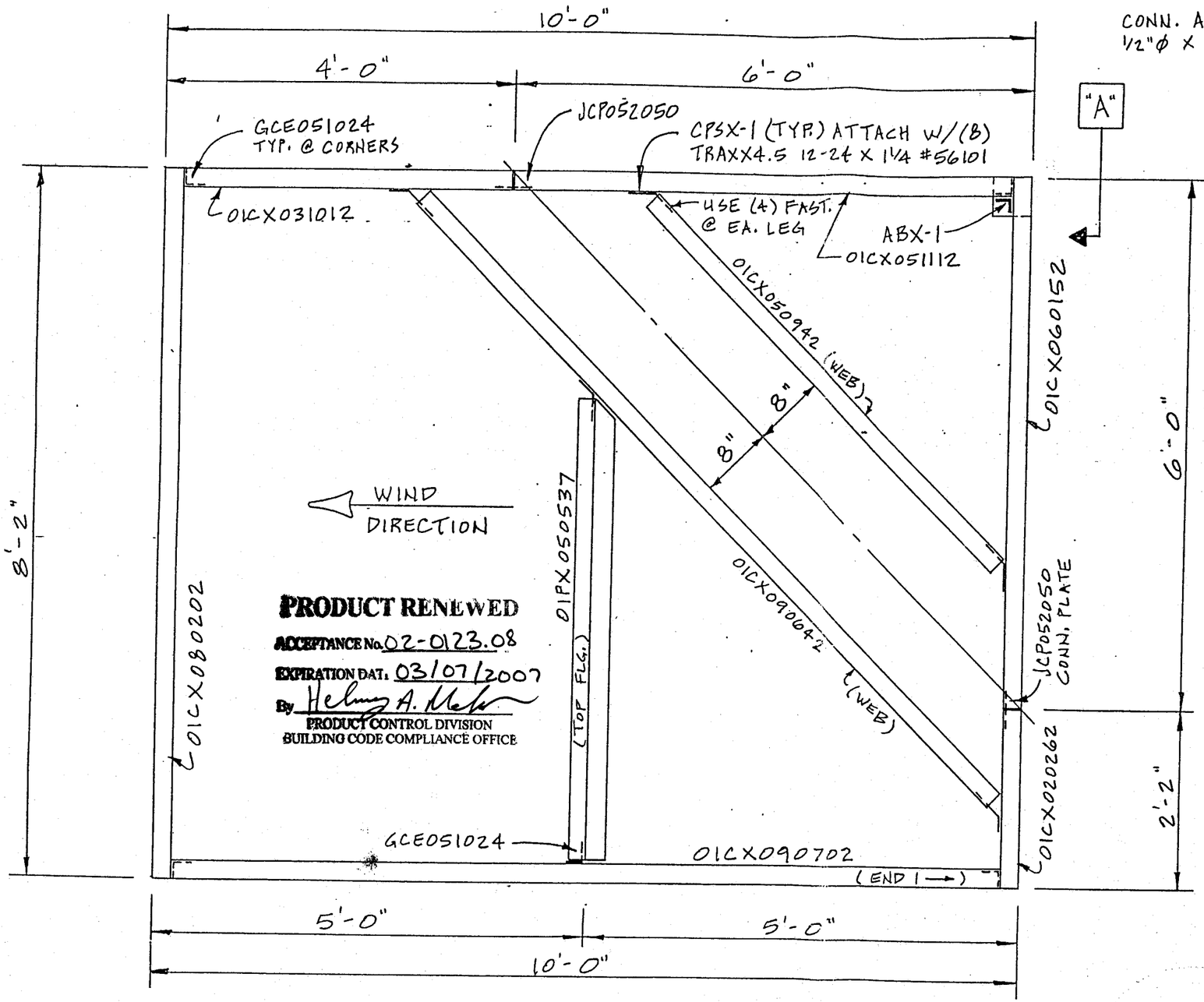
MANUF.: VARCO-PRUDEN
ADDRESS: P.O. BOX 2858
LOCATION WINSTON SALEM, NC
PROJ. NAME SOUTH FLORIDA BLDG. CODE

MBMA

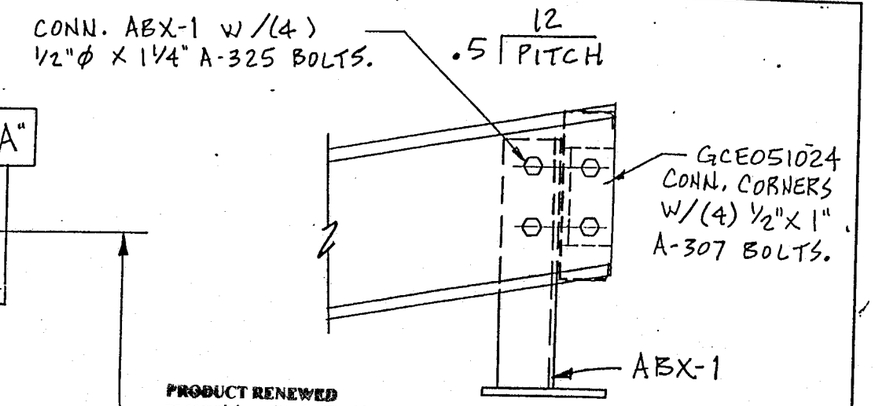
VARCO_PRUDEN BUILDINGS
A UNITED DOMINION COMPANY

Drawing No. 95-0517.01

DATE 4-28-95
DRAWN BY BLM
CHKD. BY
SHEET No. 2 of 5



PRODUCT RENEWED
ACCEPTANCE No. 02-0123.08
EXPIRATION DAT. 03/07/2007
By Helmy A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 08-0305.08
Expiration Date 03/07/2009
By Helmy A. Mahr
Miami Dade Product Control
Division

SECTION "A"

PRODUCT RENEWED
as complying with the Florida
Building Code
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Expiration Date 03/07/2008
By Helmy A. Mahr
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 09-0127.09
Expiration Date 03/07/2014
By Helmy A. Mahr
Miami Dade Product Control
Division

THIS DRAWING DEPICTS THE PRODUCT TESTED

MTS JOB NO. 257485 A

TESTED BY: Gary H. Griswold
Gary H. Griswold
Sr. Laboratory Technician

PRODUCT RENEWED
ACCEPTANCE No. 99-0324.12
EXPIRATION DATE March 07-2002
By Helmy A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE MARCH 7 1996
BY Helmy A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0517.01

R Griswold 3/13/96

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~~Design Pressure 50.0 psf~~

Minimum Roof Slope is
1/2 : 12

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"PANEL-RIB" ROOF MOCK-UP

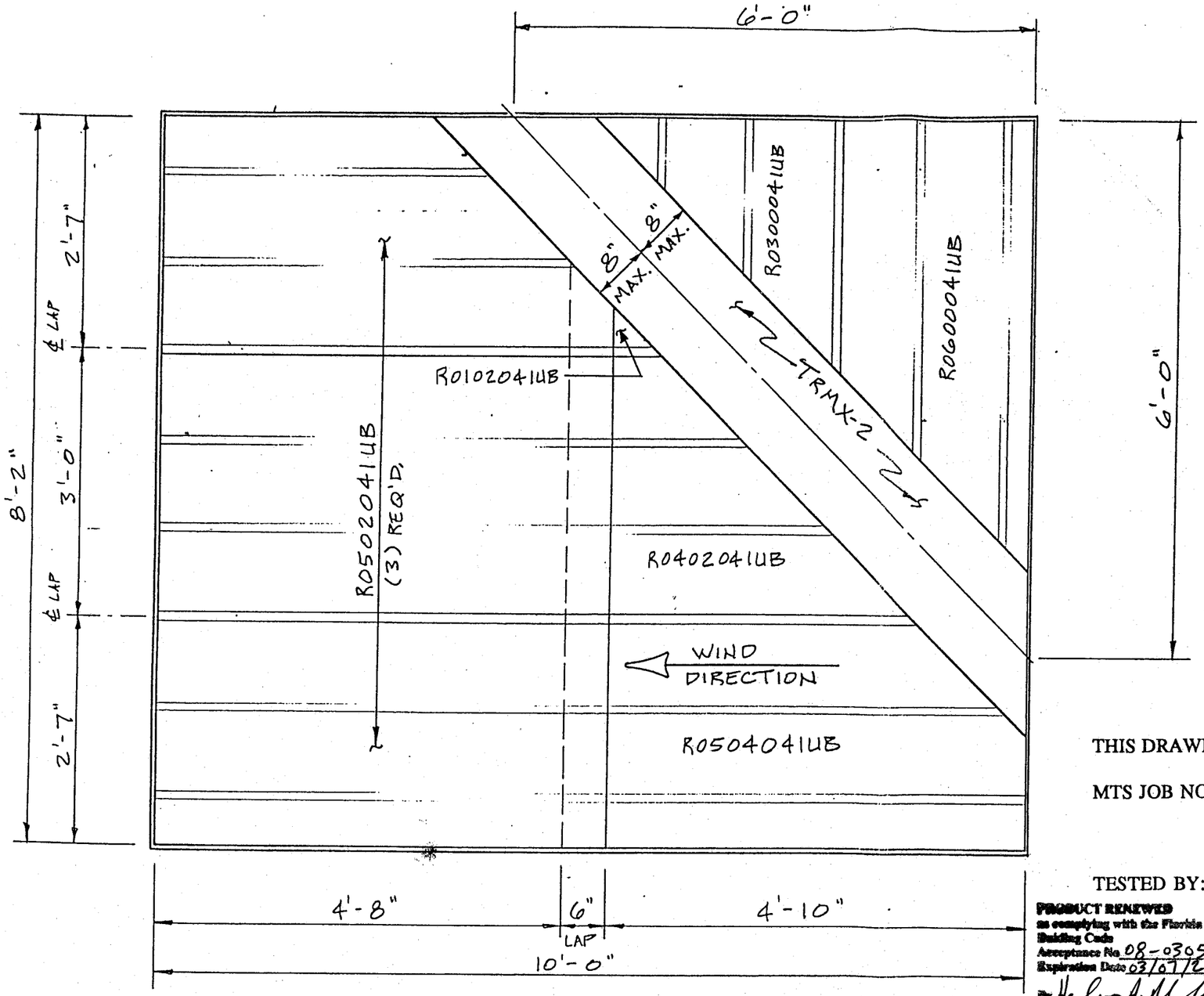
MANUF: VARCO-PRUDEN
ADDRESS: P.O. Box 2858
LOCATION Winston Salem, NC
PROJECT NAME SOUTH FLORIDA BLD'G. CODE

Drawing No. 95-0517.01

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION

VARCO-PRUDEN BUILDINGS
A United Dominion Company

DATE 12/28/95
TIME
Sheet No. 3 OF 5



PRODUCT RENEWED
ACCEPTANCE No. 02-0123-08
EXPIRATION DAT. 03/07/2007
By Helmy A. Maher
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

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PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 09-0127.09
Expiration Date 03/07/2014
By Helmy A. Maher
Miami Dade Product Control Division

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 07-0312.04
Expiration Date 03/07/2008
By Helmy A. Maher
Miami Dade Product Control Division

THIS DRAWING DEPICTS THE PRODUCT TESTED

MTS JOB NO. 257485A

Panel Rib Roof Systems consist of Varco-Pruden Panel Rib roof panels and attachments to secondary structural members, sealants, mastics, closures and trim and/or flashings necessary to provide weathertightness and/or finished appearance.
Panel Rib Roof System may be used with all Varco-Pruden standard primary framing systems and secondary structural members (except Transbay joists) with a minimum roof pitch of 1/2:12.
Panel Rib Roof Panels provide 36" wide net coverage and have 1 3/16" high major ribs at 12" on center with minor ribs spaced between the major ribs. Side laps are at least one full major rib. The roof underlying rib utilizes a supporting member bearing edge. The roof overlapping rib utilizes an anti-capillary groove. All panels are continuous from eave to ridge except where the length exceeds 41' or otherwise becomes prohibitive for handling purposes, in which case, endlaps are provided. Endlaps are 6" and occur at a support member. Panel Rib Roof Panels are Galvalume Steel 24 gage.

MATERIALS
Structural steel plate, bar, sheet and/or strip intended for use in bolted and/or welded constructions generally will be of material based on the requirements of ASTM A572, A529 or A36 Modified 50, and have a minimum yield strength of 50,000 psi.
Structural steel material intended for use in roll formed or press broken secondary structural members generally will be of material based on the requirements of ASTM A570, and have a minimum yield strength of 55,000 psi.
Galvalume steel coil used in roll formed or press broken roof covering generally will be material based on the requirements of ASTM A792, and have a minimum y ield strength of 50,000 psi.

TESTED BY: Gary H. Griswold
Gary H. Griswold
Sr. Laboratory Technician

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 08-0305.08
Expiration Date 03/07/2009
By Helmy A. Maher
Miami Dade Product Control Division

R Griswold 3/13/96

PRODUCT RENEWED
ACCEPTANCE No. 99-0324.12
EXPIRATION DATE March 07-2002
By Helmy A. Maher
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MARCH 7 1996
BY Helmy A. Maher
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0517.01

Note: This panel shall be used for roof construction only. Each actual roof project shall be constructed using the same details shown on these drawings including: a) details of all panel rib sections with dimensions and thickness; b) assembly details including all connections; c) fastener diagram with size and location; d) panel maximum span and pressure for the field, perimeters and corners shown; e) panel material characteristics

~~Design Pressure = 50.0 psf~~

Minimum Roof Slope is 1/2 : 12

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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 VARCO-PRUDEN ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

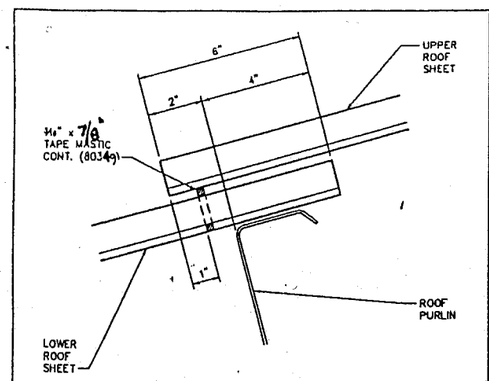
"PANEL-RIB" ROOF MOCK-UP

MANUF: VARCO-PRUDEN
ADDRESS: P.O. Box 2858
LOCATION: Winston Salem, NC
PROJECT NAME: SOUTH FLORIDA BLD'G. CODE

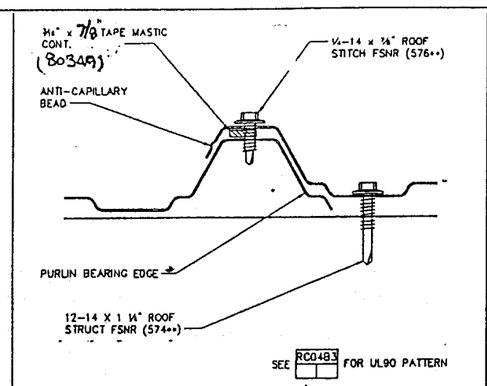
Drawing No. 95-0517.01
DATE 12/28/95
TIME
Sheet No. 4 of 5

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION

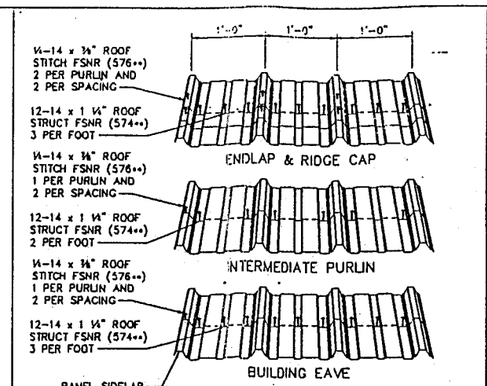
VARCO-PRUDEN BUILDINGS
A United Dominion Company



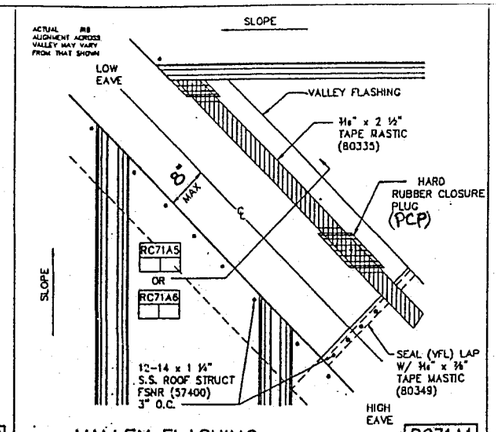
PANEL RIB ROOF — RC02B1
PANEL ENDLAP
RC02B1V1 03/01/90



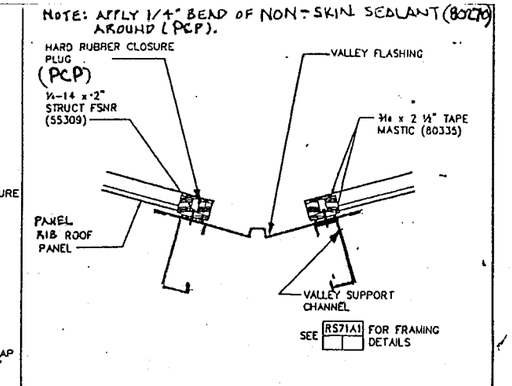
PANEL RIB ROOF — RC03B1
PANEL SIDELAP
RC03B1V2 R 01/15/94



PANEL RIB ROOF FSNR PATTERN — RC04B3
U.L. 90 RATED
RC04B3V2 R 01/15/94

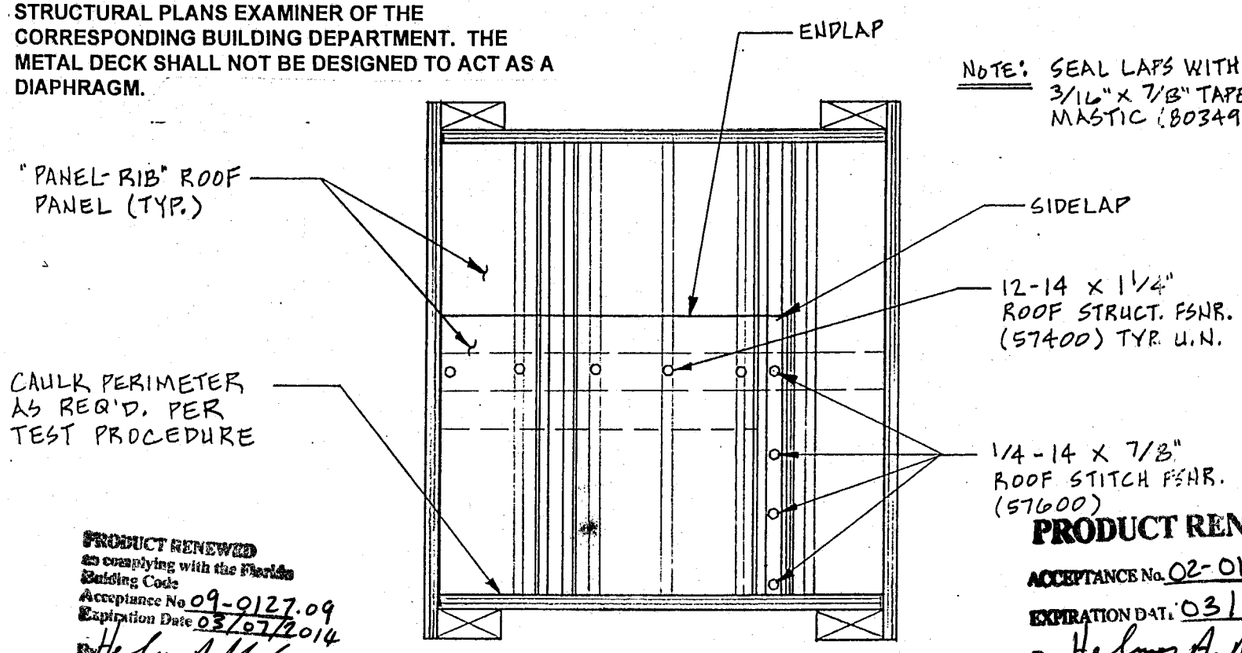


VALLEY FLASHING — RC71A1
RC71A1V2 R 03/01/90



VALLEY FLASHING — RC71A5
RC71A5V3 R 07/01/92

PRODUCT CONTROL APPROVAL IS LIMITED TO THE ROOF METAL DECK. 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 DECK SHALL NOT BE DESIGNED TO ACT AS A DIAPHRAGM.



NOTE: SEAL LAPS WITH 3/16" x 7/8" TAPE MASTIC (80349)

2' X 2' TEST APPARATUS PER PA 114-95

SUSCEPTIBILITY TO LEAKAGE TEST

PRODUCT RENEWED
ACCEPTANCE No. 02-0123.08
EXPIRATION DATE 03/07/2007
By Helmy A. Mahar
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 09-0127.09
Expiration Date 03/07/2014
By Helmy A. Mahar
Miami Dade Product Control Division

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 08-0305.08
Expiration Date 03/07/2009
By Helmy A. Mahar
Miami Dade Product Control Division
R Fernandez 2/13/96

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 07-0312.04
Expiration Date 03/07/2008
By Helmy A. Mahar
Miami Dade Product Control Division

COATINGS AND FINISHES

Roof panel coatings and/or finishes are normally GALVALUME. GALVALUME is an Aluminum-Zinc alloy coating per ASTM A792 over steel substrate. The nominal coating weight is 0.5 oz. per square foot of coated steel both sides. equivalent to an approximate total coating thickness for both sides of 0.0018". Galvalume is a registered trademark of B.I.E.C. International Inc.

FASTENERS

Exposed fasteners are self drilling, stainless steel-capped with integral sealing washer. Color of fastener heads match the roof panel finish when specified. Concealed fasteners are self-drilling with the type and size as required by roof secondary structural members. Location and quantities of fasteners are indicated on details above. Fasteners are manufactured by ITW Buildex 1349 West Manor Ave. Itasca, IL. 60143

CLOSURES, MASTICS AND SEALANTS

Closures, formed to match roof panel profiles are supplied as required or specified to provide weathertightness. Closures are of a closed cell material, normally EPDM (Ethylene-Propylene-Duene-Monomer) in a gray or neutral color. Closures are manufactured by HANNA RUBBER Company Inc. 1511 Baltimore Ave. Kansas City, MO 64108

Preformed tape mastics, and/or non-skinning tube sealants are supplied for the sidelaps and endlaps of all Varco-Pruden roof coverings. Tape mastic is preformed butyl rubber-based compound. The compound is non-hardening, non-corrosive to metal and has excellent adhesion properties. Tape mastic is white or light gray in color. Tape Mastic is manufactured by Chemseco c/o Sika Corp. 2918 Steel Drive Tucker, GA 30084.

Tube Sealant is a synthetic elastomer based material. Sealant color is gray or bronze. Tube Sealant is manufactured by Chemseco c/o Sika Corp. 2918 Steel Drive Tucker, GA 30084.

PRODUCT RENEWED
ACCEPTANCE No. 99-0324.12
EXPIRATION DATE March 07-2002
By Helmy A. Mahar
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

THIS DRAWING DEPICTS THE PRODUCT TESTED.

MTS JOB NO. 257485B

TESTED BY: Gary H. Griswold
Gary H. Griswold
Sr. Laboratory Technician

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MARCH 7 1996
BY Helmy A. Mahar
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0517.01

Note: This panel shall be used for roof construction only. Each actual roof project shall be constructed using the same details shown on these drawings including: a) details of all panel rib sections with dimensions and thickness; b) assembly details including all connections; c) fastener diagram with size and location; d) panel maximum span and pressure for the field, perimeters and corners shown; e) panel material characteristics

~~Design Pressure 50.0 psf~~

Minimum Roof Slope is 1/2 : 12

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REV	DATE	BY	DESC

ERECTION DETAILS — Drawing No. 95-0517.01

MANUF: VARCO-PRUDEN
ADDRESS: P.O. Box 2858
LOCATION Winston Salem, NC
PROJ. NAME SOUTH FLORIDA BLD'G. CODE

MBMA Metal Building Manufacturers Association
VARCO_PRUDEN BUILDINGS A United Dominion Company

DATE 12/28/95
DRAWN BY BLM
CHKD. BY
Sheet No. 5 OF 5