



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

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: 0.023" (min.) / 0.029" (min.) Galvalume Steel Standing Seam Roof (SSR) Panel

APPROVAL DOCUMENT: Drawing No. VP SSR1, titled "VP SSR Panel (24" wide x 24 ga./22 ga. Steel), sheets 1 through 7 of 7, prepared by Varco Pruden Buildings, Inc., signed and sealed by Russell L. Benton, P.E., on August 22, 2023, bearing the Miami-Dade County Product Control Revision 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 Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, Rainsville, AL; 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 **revises NOA #21-0923.01** and consists of this page 1, evidence submitted pages E-1, E-2, E-3, E-4 and E-5 as well as approval document mentioned above

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



Helmy A. Makar
11/23/2023

NOA No 23-0908.06
Expiration Date: 11/10/2026
Approval Date: 11/23/2023
Page 1

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

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 99-0719.05

A. DRAWINGS

1. *Drawing number VP SSR Roof Submittal, titled "VP SSR ROOF SUBMITAL ", dated September 21, 1999, last revision #2 dated November 4, 1999, sheets 1 through 8 of 8, signed and sealed by Larry Marshall, P.E.*

B. TESTS

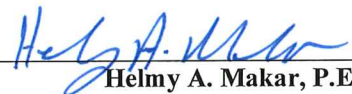
1. *Resistance to wind driven rain, per PA 100-95, prepared by Architectural Testing Inc., Report No. 01-33389.02, dated 06/22/99, signed and sealed by Allen N. Reeves, P.E.*
2. *Test report on Large Missile Impacts, per PA 201-94, prepared by Architectural Testing Inc., Report No. 01-33389.04, dated 06/22/99, signed and sealed by Allen N. Reeves, P.E.*
3. *Susceptibility to leakage test in accordance with Miami-Dade County Protocol PA 114 Appendix G, prepared by Architectural Testing Inc., Report No. 01-33389.05, dated 06/22/99, signed and sealed by Allen N. Reeves, P.E.*
4. *Test report on Uniform static air pressure loading, per ASTM E 1592, prepared by Architectural Testing Inc., Report No. 01-33389.07, dated 06/23/99, signed and sealed by Allen N. Reeves, P.E.*
5. *Test report on Salt Spray Testing, per ASTM B117-90, prepared by Architectural Testing Inc., Report No. 01-33389.08, dated 06/23/99, signed and sealed by Allen N. Reeves, P.E.*
6. *Test report on Accelerated Testing of Coating 2000 hours per ASTM G23, prepared by Architectural Testing Inc., Report No. 01-33389.09, dated 09/23/99, signed and sealed by Allen N. Reeves, P.E.*

C. CALCULATIONS

1. *Calculation titled "Section properties calculated for 24 ga. SSR Panel in accordance with AISI Cold Formed Steel Design Manual 1996" dated July 13, 1999, signed and sealed by Larry Marshall, P.E.*
2. *Calculation titled "Section properties calculated for 24 ga. SSR Panel in accordance with AISI Cold Formed Steel Design Manual 1996 Calculation Verified by Alternate" dated July 13, 1999, signed and sealed by Larry Marshall, P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Test Report issued by Bethlehem Steel Corporation, dated 05/06/98, with chemical composition and mechanical properties of galvalume steel.*
2. *Tensile Test Report No. 01-33389.01, prepared by Architectural Testing Inc., Report No. 01-33389.01, dated 03/11/99, signed and sealed by Allen N. Reeves, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0206.13

A. DRAWINGS

1. *Drawing No. VP SSR Roof Submittal, titled "VP SSR Roof Submittal", sheets 1 through 8 of 8, prepared by VP Buildings, Inc., signed and sealed by Charles A. Haslebacher, P.E., dated September 21, 1999, last revision #3 dated February 18, 2003, sheet 1 of 8, and revision #2 dated November 4, 1999, sheets 2 through 8 of 8.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

E. STATEMENTS

1. *Letter issued by VP Buildings, Inc., dated February 18, 2003, signed and sealed by Charles A. Haslebacher, P.E., stating that the only change is update General Note numbers 1 & 2 to reference the Florida Building Code and ASCE 7-98.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 16-0802.07

A. DRAWINGS

1. *Drawing No. VP SSR1, titled "VP SSR Panel (24" wide x 24 ga./22 ga. Steel), sheets 1 through 7 of 7, prepared by Varco Pruden Buildings, Inc., signed and sealed by Larry L. Boozer, P.E., on October 31, 2016.*

B. TESTS

1. *Test report on Resistance to wind driven rain, per PA 100-95, prepared by Farabaugh Engineering and Testing, Inc., **Report No. T229-16**, dated 06/30/2016, signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Test report on Large Missile Impacts, per PA 201-94, prepared by Farabaugh Engineering and Testing, Inc., **Report No. T219-16**, dated 05/31/2016, signed and sealed by Daniel G. Farabaugh, P.E.*
3. *Susceptibility to leakage test, per FM 4471, Appendix G, prepared by Farabaugh Engineering and Testing, Inc., **Report No. T230-16**, dated 06/30/2016, signed and sealed by Daniel G. Farabaugh, P.E.*
4. *Test report on Uniform static air pressure loading, per TAS 125-03 (ASTM E 1592, prepared by Farabaugh Engineering and Testing, Inc., **Report No. T211-16**, dated 05/31/2016, signed and sealed by Daniel G. Farabaugh, P.E.*



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

NOA No 23-0908.06

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. *Test report on Uniform static air pressure loading, per TAS 125-03 (ASTM E 1592, prepared by Farabaugh Engineering and Testing, Inc., **Report No. T212-16**, dated 05/31/2016, signed and sealed by Daniel G. Farabaugh, P.E.*
6. *Test report on Salt Spray Testing, per ASTM B117-11, prepared by Construction Materials Technologies, Report No. VLS-005-02-01, dated 12/14/2012.*
7. *Test report on Accelerated Testing of Coating 2000 hours per ASTM G26-96, prepared by Construction Materials Technologies, Report No. VLS-004-02-01, dated 02/12/2013.*

C. CALCULATIONS

1. *Calculation titled "Structural Design Data", 60 pages, signed and sealed by Larry L. Boozer, P.E., on 07/29/2016.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *Tensile Test **Report No. T211-16**, dated 05/31/2016, signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Tensile Test **Report No. T212-16**, dated 05/31/2016, signed and sealed by Daniel G. Farabaugh, P.E.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-1031.13

A. DRAWINGS

1. *Drawing No. VP SSR1, titled "VP SSR Panel (24" wide x 24 ga./22 ga. Steel), sheets 1 through 7 of 7, prepared by Varco Pruden Buildings, Inc., signed and sealed by Larry L. Boozer, P.E., on October 31, 2016.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE


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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2017 Edition compliance letter issued by VP Buildings, Inc., dated October 16, 2017, signed and sealed by Russell L. Benton, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No 23-0908.06
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Varco Pruden Buildings, a Division of BlueScope Buildings NA, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-0922.08

A. DRAWINGS

1. *Drawing No. VP SSR1, titled "VP SSR Panel (24" wide x 24 ga./22 ga. Steel), sheets 1 through 7 of 7, prepared by Varco Pruden Buildings, Inc., signed and sealed by Russell L. Benton, P.E., on September 11, 2020.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2020 Edition compliance letter issued by VP Buildings, Inc., dated September 03, 2020, signed and sealed by Russell L. Benton, P.E.*

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 21-0923.01

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

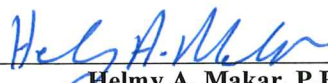
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2020 Edition compliance letter issued by VP Buildings, Inc., dated September 02, 2021, signed and sealed by Russell L. Benton, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
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Varco Pruden Buildings, a Division of BlueScope Buildings NA, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. VP SSR1, titled "VP SSR Panel (24" wide x 24 ga./22 ga. Steel), sheets 1 through 7 of 7, prepared by Varco Pruden Buildings, Inc., signed and sealed by Russell L. Benton, P.E., on August 22, 2023.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE


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

E. MATERIAL CERTIFICATIONS

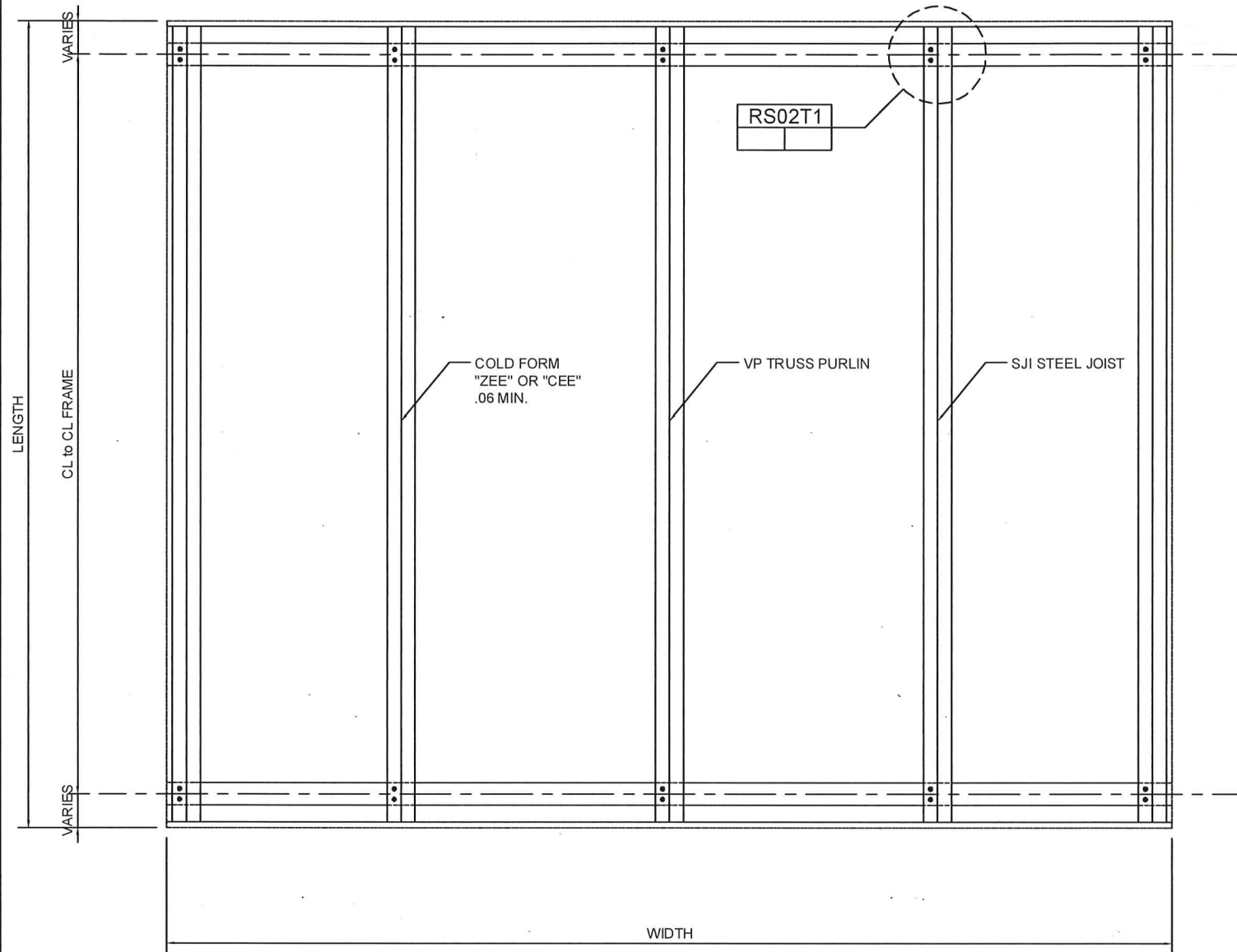
1. *None.*

F. STATEMENTS

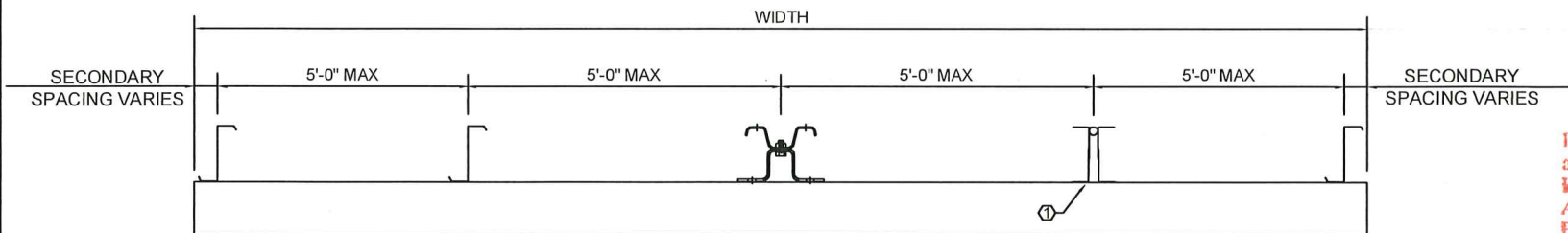
1. *FBC, 2023 Edition compliance letter issued by VP Buildings, Inc., dated August 22, 2023, signed and sealed by Russell L. Benton, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No 23-0908.06
Expiration Date: 11/10/2026
Approval Date: 11/23/2023



FRAMING PLAN



FRAMING CROSS SECTION

1 (2) 3/8" Ø HOLES (3" GAGE FOR 1/2"x1 1/2" A-325 BOLTS (TYP).

NOTE: THIS PANEL SHALL BE USED FOR ROOF CONSTRUCTION ONLY. FRAMING AND DETAILS SHOWN REPRESENT ACTUAL CONSTRUCTION DETAILS IN FIELD AND FOR TEST SPECIMENS USED IN TESTING TAS125-03 STANDARDS TAS201, TAS100 AND FM4471 APP. G. SIZES OF TEST APPARATUS VARY, REFER TO SPECIFIC TEST FOR SAMPLE SIZE. EACH ACTUAL ROOF PROJECT SHALL BE CONSTRUCTED USING THE SAME DETAILS SHOWN ON THESE DRAWINGS. INCLUDING: A) DETAILS OF ALL VP SSR SECTIONS WITH DIMENSIONS AND THICKNESS; B) ASSEMBLY DETAILS INCLUDING ALL CONNECTIONS; C) FASTENER DIAGRAM WITH THE SIZE AND LOCATION; D) PANEL MATERIAL CHARACTERISTICS.

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FOR PANEL MAXIMUM ALLOWABLE LOAD, SPAN AND INSTALLATION DETAILS, PAGES 1-7

1 THE FOLLOWING PANEL STRENGTHS ARE INTENDED FOR USE WITH THE ALLOWABLE STRENGTH DESIGN (ASD) LOAD COMBINATIONS FROM THE 2023 FLORIDA BUILDING CODE.

ALLOWABLE STRENGTHS FOR UPLIFT LOADS 24 GA PANEL:

ALL ALLOWABLE STRENGTHS ARE PER FT. WIDTH OF PANEL
ALL ALLOWABLE STRENGTHS HAVE A MINIMUM FACTOR OF SAFETY = 2.0

PANEL CLIP SPACING (S_c): 2'0" < S_c ≤ 5'0"

PANEL BENDING AT SUPPORTS OUTSIDE OF PANEL IN COMPRESSION MA=1.618 KIP-IN
PANEL BENDING BETWEEN SUPPORTS INSIDE OF PANEL IN COMPRESSION MA=1.121 KIP-IN
PANEL SHEAR VA = 0.156 KIP
INTERIOR PANEL REACTION PA INT = 0.291 KIP
EXTERIOR PANEL REACTION PA EXT = 0.102 KIP
DEFLECTION BASED ON EIX EQUIVALENT = 3486.015 IN² (MAX DEFLECTION = L/240)

PANEL CLIP SPACING (S_c): S_c ≤ 2'0"

PANEL BENDING AT SUPPORTS OUTSIDE OF PANEL IN COMPRESSION MA=0.419 KIP-IN
PANEL BENDING BETWEEN SUPPORTS INSIDE OF PANEL IN COMPRESSION MA=0.287 KIP-IN
PANEL SHEAR VA = 0.1 KIP
INTERIOR PANEL REACTION PA INT = 0.188 KIP
EXTERIOR PANEL REACTION PA EXT = 0.065 KIP
DEFLECTION BASED ON EIX EQUIVALENT = 41.376 IN² (MAX DEFLECTION = L/240)

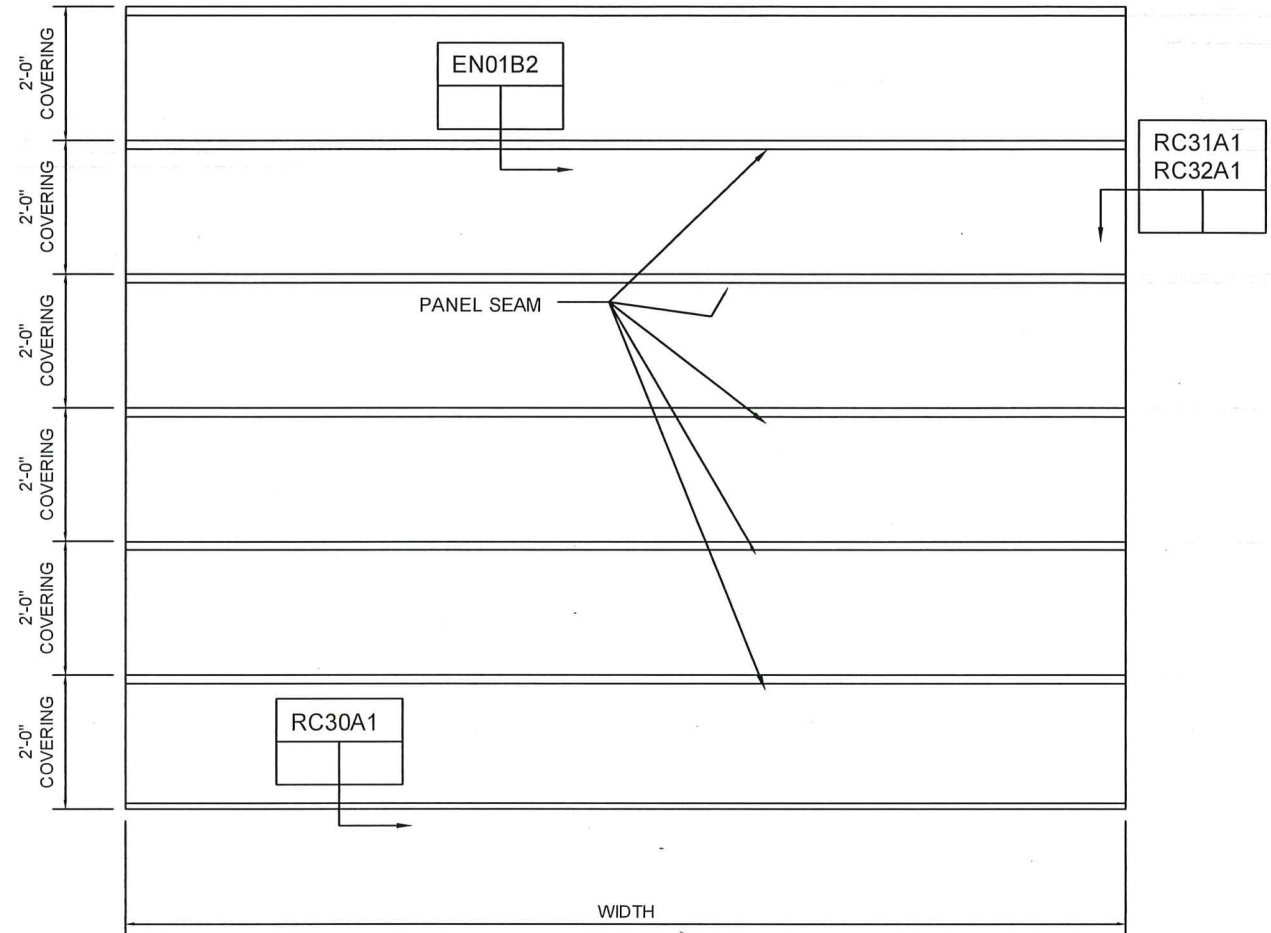
ALLOWABLE STRENGTHS FOR UPLIFT LOADS 22 GA PANEL:

PANEL CLIP SPACING (S_c): 2'0" < S_c ≤ 5'0"

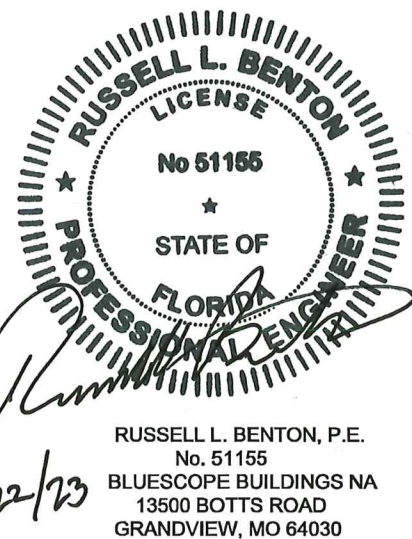
PANEL BENDING AT SUPPORTS OUTSIDE OF PANEL IN COMPRESSION MA=1.671 KIP-IN
PANEL BENDING BETWEEN SUPPORTS INSIDE OF PANEL IN COMPRESSION MA=1.169 KIP-IN
PANEL SHEAR VA = 0.163 KIP
INTERIOR PANEL REACTION PA INT = 0.305 KIP
EXTERIOR PANEL REACTION PA EXT = 0.106 KIP
DEFLECTION BASED ON EIX EQUIVALENT = 1552.171 IN² (MAX DEFLECTION = L/240)

PANEL CLIP SPACING (S_c): S_c ≤ 2'0"

PANEL BENDING AT SUPPORTS OUTSIDE OF PANEL IN COMPRESSION MA=0.419 KIP-IN
PANEL BENDING BETWEEN SUPPORTS INSIDE OF PANEL IN COMPRESSION MA=0.287 KIP-IN
PANEL SHEAR VA = 0.1 KIP
INTERIOR PANEL REACTION PA INT = 0.188 KIP
EXTERIOR PANEL REACTION PA EXT = 0.065 KIP
DEFLECTION BASED ON EIX EQUIVALENT = 61.001 IN² (MAX DEFLECTION = L/240)



VP SSR PANEL SHEETING PLAN



RUSSELL L. BENTON, P.E.
No. 51155
BLUESCOPE BUILDINGS NA
13500 BOTTS ROAD
GRANDVIEW, MO 64030

Varco Pruden Buildings, a division of
BlueScope Buildings North America, Inc.
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION	BUILDER
1	08/09/2023	RLB	UPDATE FOR 2023 FBC	CUSTOMER
				LOCATION
				PROJECT
				BUILDERS PD#

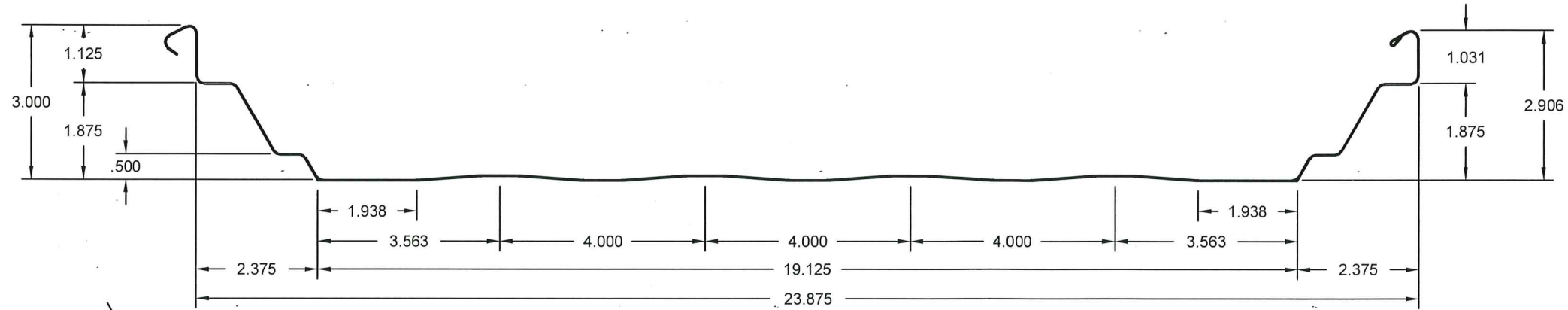
NTS

VP SSR PANEL (24" WIDE x 24 GA./22 GA. STEEL)



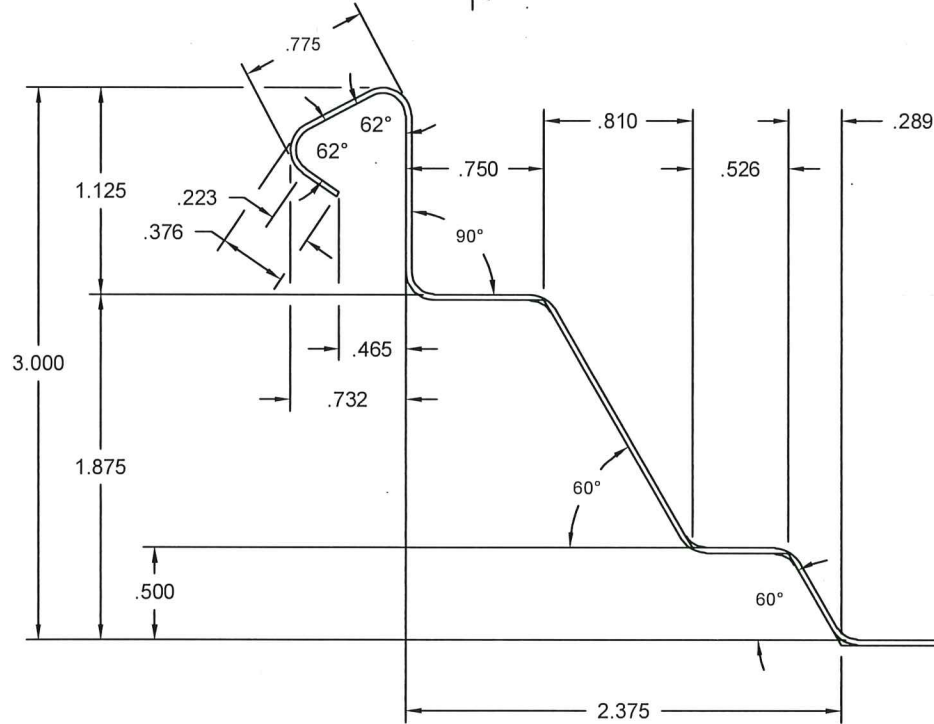
A BlueScope Steel Company
VPC VERSION: 7.1c

DRAWING NO
FLVPSSR1
DATE
09/01/09
DRAWN/CHECK
THL/JAYS
PAGE
1 OF 7

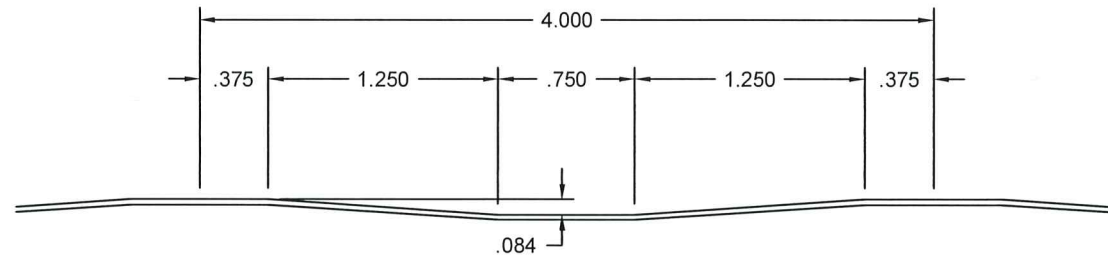


MATERIAL: STEEL
 FINISH: ALZN AZ55 OR ALZN/GALV-PAINTED
 THICKNESS: 22 OR 24 GA.
 MAT'L SPEC: MS-05-01
 LENGTH: VARIES
 COIL WIDTH: 29 11/16"
 MIN. YIELD: 50 KSI
 MIN. TENSILE: 65 KSI
 ELONGATION: 12%-2"
 I.S. RADIUS: 1/8" UNO
 WEIGHT: VARIES

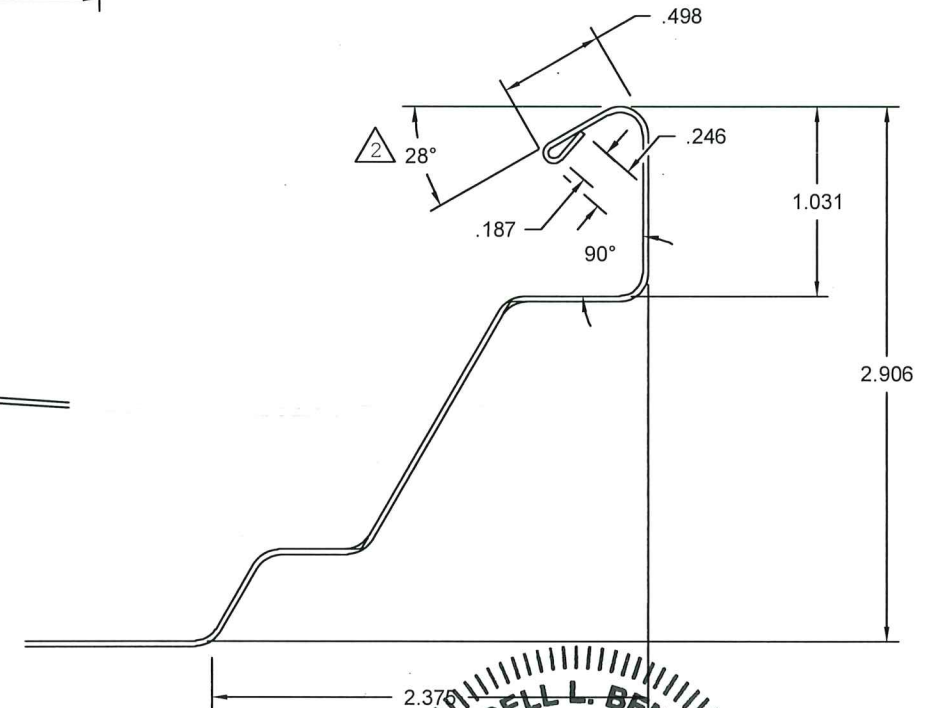
PANEL CROSS SECTION



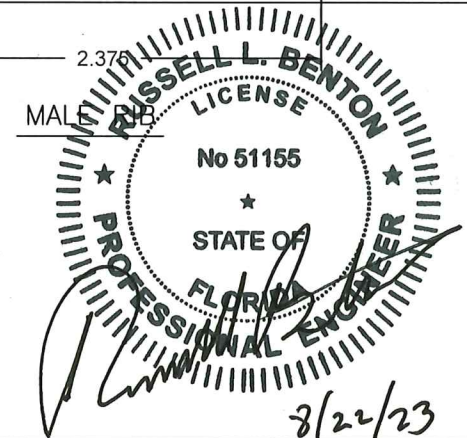
FEMALE RIB



STRIATION



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 23-0908.06
 Expiration Date 11/10/2026
 By *Heidi A. Kline*
 Miami Dade Product Control



RUSSELL L. BENTON, P.E.
 No. 51155
 BLUESCOPE BUILDINGS NA
 13500 BOTTS ROAD
 GRANDVIEW, MO 64030

NOTE: THIS PANEL SHALL BE USED FOR ROOF CONSTRUCTION ONLY. FRAMING AND DETAILS SHOWN REPRESENT ACTUAL CONSTRUCTION DETAILS IN FIELD AND FOR TEST SPECIMENS USED IN TESTING TAS125-03 STANDARDS TAS201, TAS100 AND FM4471 APP. G. SIZES OF TEST APPARATUS VARY, REFER TO SPECIFIC TEST FOR SAMPLE SIZE. EACH ACTUAL ROOF PROJECT SHALL BE CONSTRUCTED USING THE SAME DETAILS SHOWN ON THESE DRAWINGS, INCLUDING: A) DETAILS OF ALL VP SSR SECTIONS WITH DIMENSIONS AND THICKNESS; B) ASSEMBLY DETAILS INCLUDING ALL CONNECTIONS; C) FASTENER DIAGRAM WITH THE SIZE AND LOCATION; D) PANEL MATERIAL CHARACTERISTICS.

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Varco Pruden Buildings, a division of BlueScope Buildings North America, Inc. 3200 Players Club Circle Memphis TN 38125				
REV	DATE	BY	DESCRIPTION	BUILDER
1	09/08/2020	RLB	UPDATE FOR 2020 FBC	CUSTOMER
2	08/09/2023	RLB	UPDATE FOR 2023 FBC	LOCATION
NTS				

VP SSR PANEL (24" WIDE x 24 GA./22 GA. STEEL)

DRAWING NO FLVPSSR1	
DATE 09/01/09	
DRAWN/CHECK THL / AYS	
PAGE 2 OF 7	



REV. DATE: 04/10/23	REV. NO. 04	SSR PANEL STAGGERED ENDLAP ON PURLINS
RCV526		

1/8" X 1" X 9"
TAPE MASTIC (80347)
AT RIBS

1/4-14 X 1 1/8" S.S.
ROOF STITCH FSNR
2 EACH SIDE
OF RIB

SSR RIDGE COVER
OR TRANSITION
FLASHING

1/4-14 X 1 1/8" S.S.
ROOF STITCH FSNR
EACH SIDE
OF SEAM CAP

PANEL STIFFENER

3/16" X 1" X 28"
TAPE MASTIC (97662)

2

2

REV. DATE:05/11/22	REV. NO. 04	SSR SEAM CAP AT HIGH RIB
RCV421		SSR RIDGE/TRANSITION (FLEXIBLE OR METAL)

Diagram illustrating the assembly of a roof panel seam. The diagram shows two 24" PANEL MODULES joined by a seam. The seam must be fully tucked. The maximum height for the seam is 0.32" MAX. (STANDARD CLIP) and 0.38" MAX. (HEAVY CLIP). The seam is secured by two 3/4" bolts. The total height of the seam is 3" RIB HEIGHT. The bolts are secured with 4 3/4" HOLD.

BEFORE SEAMING, IT IS IMPORTANT TO WIPE THE SEAM CLEAN WITH SOAPY CLOTH IMMEDIATELY BEFORE SEAMING THE PANEL. THIS STEP WILL DRAMATICALLY REDUCE THE CHANCE OF MARRING THE SEAMS AT THE CLIP LOCATIONS.

REV. DATE: 01/29/21		REV. NO. 04	SSR SEAMING GUIDELINES RIB AND SEAM PROFILE
EN01B2			

WELDED CLIP CONNECTION
ALT. CONNECTION

PG1 CLIP

BOLTED CLIP CONNECTION
ALT. CONNECTION

CLIPS MAY BE REQUIRED FOR PURLIN TO FRAME CONNECTIONS. REFER TO INDIVIDUAL FRAME CROSS SECTIONS FOR BOLTED CLIP PART NUMBERS AND THEIR LOCATIONS.

ENDBAY ROOF PURLIN

ENDWALL

RAKE BEAM

6" AT	INSET GIRTS	7" & 8"	OUTSET GIRTS
1'-0"	AT 7"	AT 10"	AT 11 1/2"
1'-3"	AT 10"	AT 11 1/2"	

1/4"

REV. DATE: 05/17/15	REV. NO. 02	PURLIN CONNECTION TO END FRAME CONTINUOUS PURLINS
RS02T1		

5/16" x 2" BEAD OF NON-SKINNING TUBE SEALANT (025392) CONT. OVER LAP

#8-18 x 1/2" EA. SIDE (97659)

SSR CLIP

4" ENDLAP

PANEL STIFFENER

5/16" BEAD ² OF NON-SKINNING TUBE SEALANT (025392) FULL WIDTH OF PANEL

3/16" x 1" x 28" TAPE MASTIC (97662)

PURLIN (JOIST AND TRUSS PURLIN SIMILAR)

MIAMI-DADE APPROVED

REV. DATE: 04/19/23	REV. NO. 04	SSR STAGGERED PANEL ENDLAP PLAN VIEW (ICE OR MIAMI-DADE) 
RCV522		

CLEAN ALL MATING SURFACES TO BE WEATHER SEALED. REMOVE FABRICATING OILS, RAIN, SNOW, ICE, DEW, DUST AND DIRT PRIOR TO APPLICATION OF MASTICS AND SEALANTS.

SEE RCV421

SSR RIDGE COVER OR TRANSITION FLASHING

1/4"-14 X 1 1/8" S.S. ROOF STITCH FSNR 10 PER PANEL

USE #8-18 X 1 1/2" TRUSS HEAD STRUCT FSNR (97659) AT EA RIB TO SUPPORT PANEL STIFFENER

1/8" X 1" x 3" TAPE MASTIC (80347) FOLDED AND TUCKED INTO RIB

1/8" X 1" x 3" MASTIC (80347) EACH SIDE OF RIB

PANEL STIFFENER

3/16" X 1" x 28" TAPE MASTIC (97662)

1/2"

3 5/8" 7/8" 1"

1 1/2"

MARK FOR TRIM LOCATION DO NOT USE PENCIL

1/8" X 1" x 9" TAPE MASTIC (80347) OVER RIB

SLOPE

MIAMI-DADE APPROVED

REV. DATE: 03/28/23	REV. NO. 04	SSR RIDGE/TRANSITION FLASHING FASTENER AND MASTIC PATTERN
RCV523		

SSR INSIDE CLOSURE PLUG (80135)
2'-0" O.C.

1/8" X 1" TAPE MASTIC (027893)
CONT. AND OVER CLOSURE PLUG

5 3/4"

FACE OF WALL PANEL

1 1/4"

W.P.

EAVE FASCIA (EF-)

1/4-14 X 7/8" S.S. ROOF STITCH FSNR 5 PER PANEL

FASCIA RETAINER (RFR10-)*

OUTSIDE CLOSURE PANEL RIB (80140)
VEE RIB (80362)
RPR (80130)

1/4-14 X 7/8" WALL STITCH FSNR
1'-0" O.C.

WALL PANEL

*RFR10- IS AVAILABLE IN BRONZE OR WHITE. IF OTHER COLOR IS DESIRED, FIELD

*RFR10- IS AVAILABLE IN
BRONZE OR WHITE. IF OTHER
COLOR IS REQ'D, FIELD PAINT.

REV. DATE: 05/26/19	REV. NO. 05	SSR ROOF W/ EAVE FASCIA PR. VR OR RPR WALL
RC31A1		

PANEL MAY BE ERECTED
LEFT TO RIGHT OR
RIGHT TO LEFT
(LEFT TO RIGHT SHOWN)

INSTALL (7) 1/4-14 X 1 1/8"
S.S. ROOF STITCH FSNR
IN DIMPLES ON PANEL

5/16" BEAD OF NON
SKINNING TUBE
SEALANT (025392)
FULL WIDTH

PANEL STIFFENER

4 3/8"
TYP.

1"

5/16" x 2" BEAD OF NON
SKINNING TUBE SEALANT
(025392) CONT. OVER LAP

2 1/2"

4" LAP

3 1/2"

UPPER
PANEL

LOWER
PANEL

3/16" X 1" X 28"
TAPE MASTIC (97662)

CLEAN ALL MATING SURFACES TO BE WEATHER
SEALED. REMOVE FABRICATING OILS, RAIN, SNOW,
ICE, DEW, DUST AND DIRT PRIOR TO APPLICATION OF
MASTICS AND SEALANTS.

MIAMI-DADE APPROVED

REV. DATE: 04/19/23	REV. NO. 05	SSR PANEL STAGGERED ENDLAP
RCV521		FASTENER AND MASTIC PATTERN (ICE OR MIAMI-DADE)

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as complying with the Florida
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Expiration Date 11/10/2026
By [Signature]
Miami-Dade Product Control

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Varco Pruden Buildings, a division of
BlueScope Buildings North America, Inc.
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION
1	09/08/2020	RLB	UPDATE FOR 2020 FBC
2	08/09/2023	RLB	UPDATE FOR 2023 FBC
NTS			

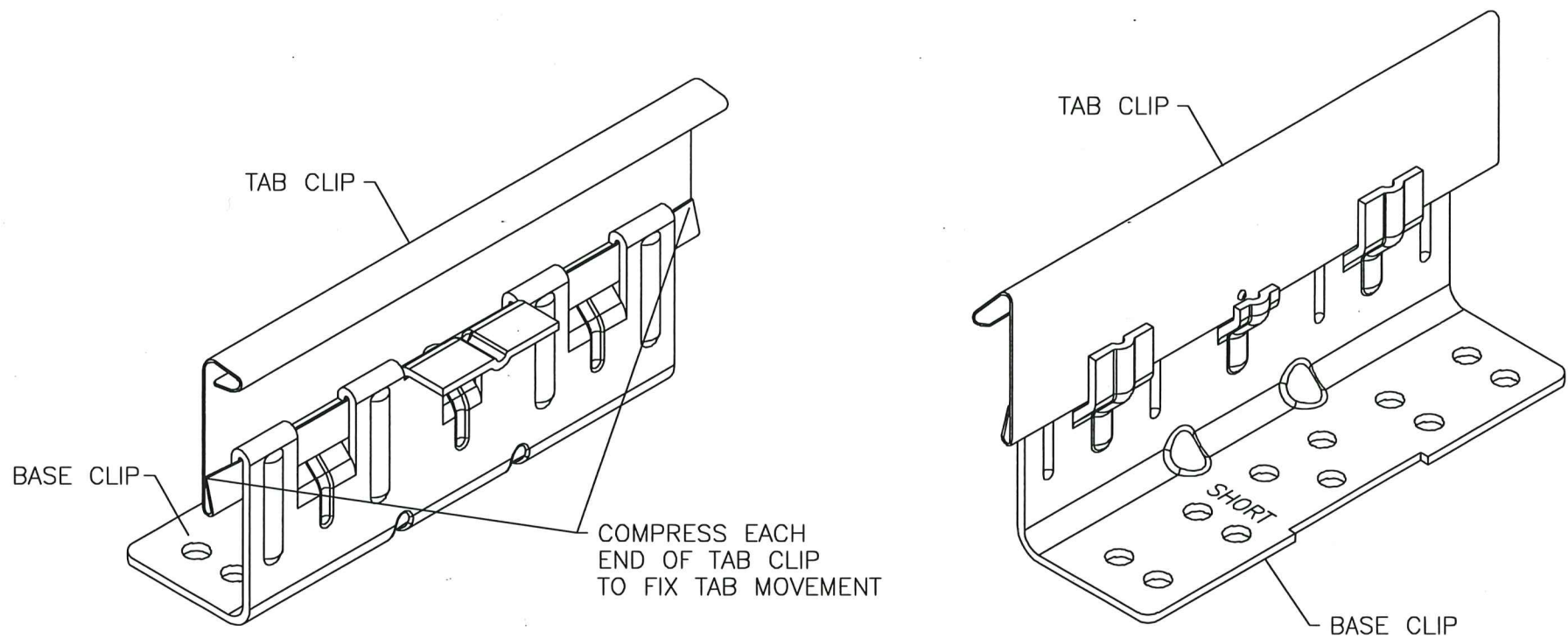
VP SSR PANEL (24' WIDE x 24 GA./ 22 GA. STEEL)

BUILDER	 VP BUILDINGS VARCO-PRUDEN A BlueScope Steel Company VPC VERSION: 7.1c	DRAWING NO FLVPSSR1
CUSTOMER		DATE 09/01/09
LOCATION		DRAWN/CHECK THL /AYS
PROJECT		PAGE 3 OF 7
BUILDERS PO#		


VP BUILDINGS
VARCO-PRUDEN
A BlueScope Steel Company
VPC VERSION: 7.1c

GENERAL NOTES:

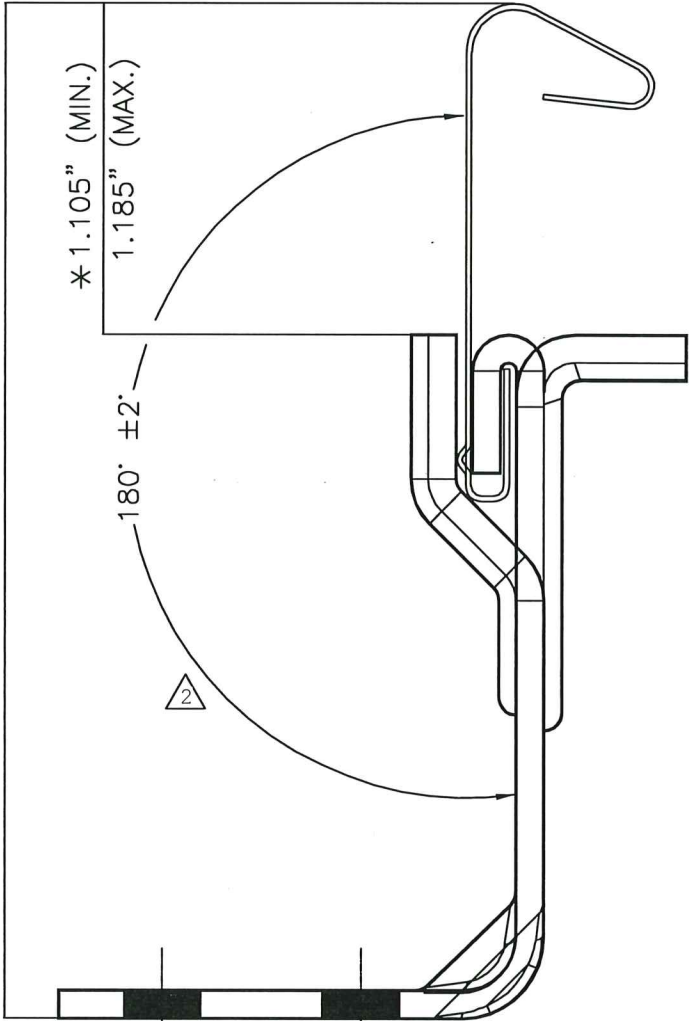
1. THIS PART IS INCLUDED IN A RATED ASSEMBLY. ADVISE MANAGER OF PRODUCT EXCELLENCE OF ANY REVISIONS.
2. VENDOR MUST COMPLY WITH INSPECTIONS BY FM, UL, ICC, OR OTHER AGENCIES AS APPLICABLE.
3. EACH BASE CLIP PART SHALL BE IDENTIFIED IN CONSPICUOUS LOCATION WITH THE STAMPED ID: SHORT
4. TABS USED WITH FIXED ASSEMBLIES SHALL BE PRE-PAINTED MATERIAL.
5. FIXED CLIP TAB SHALL NOT SLIP RELATIVE TO CLIP BASE MORE THAN 0.10" AT A FORCE OF 150 lbs.



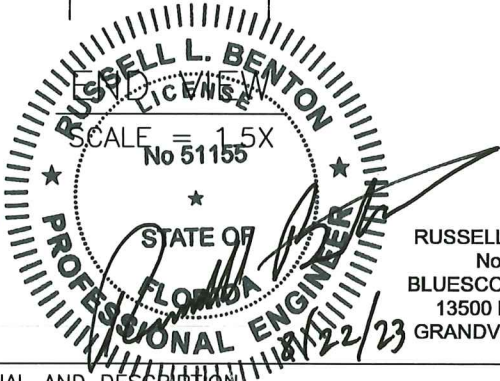
ISOMETRIC VIEWS

TOLERANCE: U.N. = DECIMAL ± 0.030 ";
ANGLE ± 2 DEGREE
ALL INSIDE RADII: SHARP OR $1/8$ " UNLESS NOTED.

* CRITICAL DIMENSION
FOR PROPER FIT UP



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RUSSELL L. BENTON, P.E.
No. 51155
BLUESCOPE BUILDINGS NA
13500 BOTTS ROAD
GRANDVIEW, MO 64030

BUYOUT PART – INCLUDED IN AN APPROVAL AGENCY RATED ASSEMBLY

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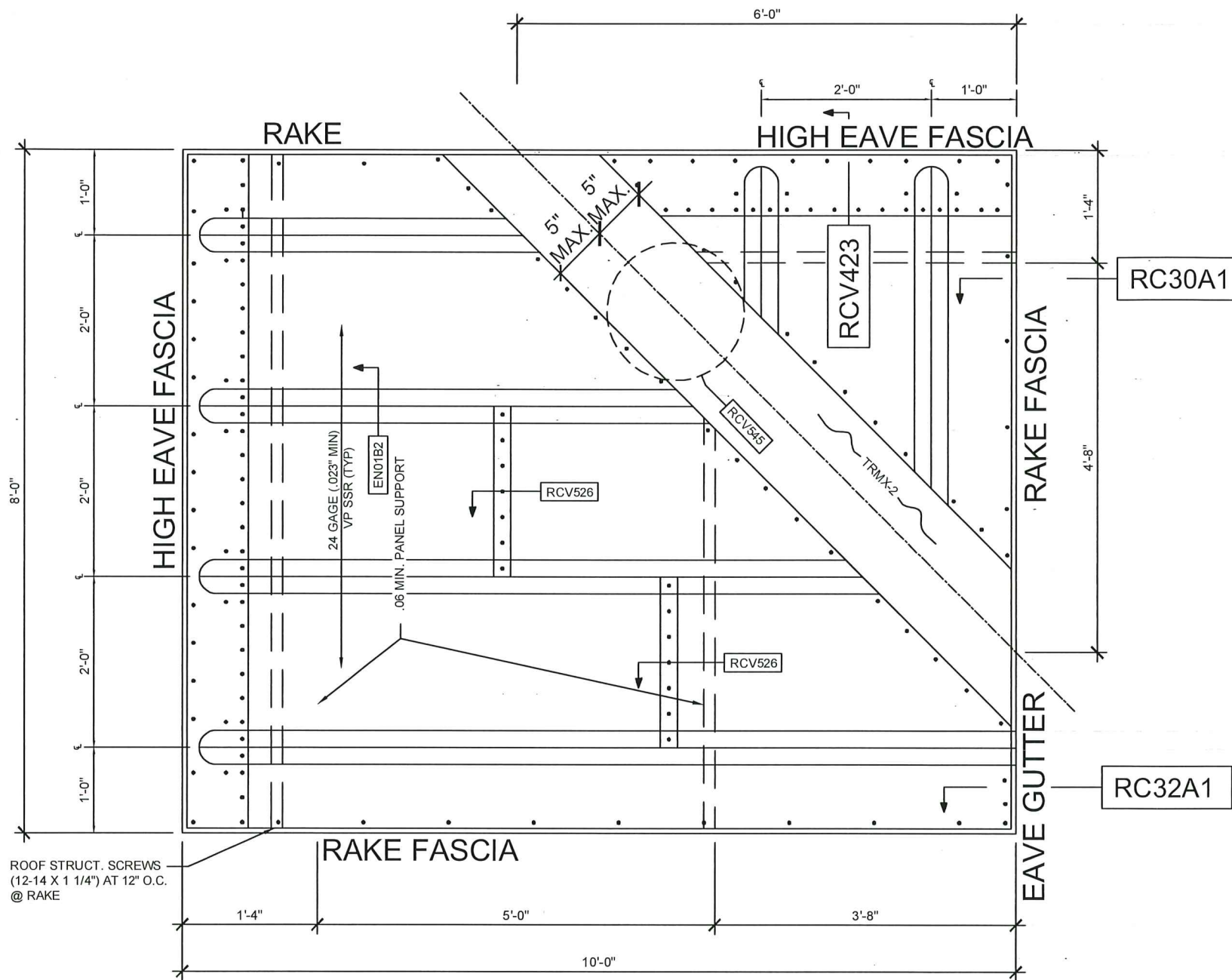
REV	DATE	BY	DESCRIPTION	BUILDER
1	09/08/2020	RLB	UPDATE FOR 2020 FBC	CUSTOMER
2	08/09/2023	RLB	UPDATE FOR 2023 FBC	LOCATION
				PROJECT
				BUILDERS PO#

VP SSR PANEL (24" WIDE x 24 GA./22 GA. STEEL)



DRAWING NO.	FLVPSSR1
DATE	09/01/09
DRAWN/CHECK	THL/AYS
PAGE	4 OF 7

TOTAL PART WT. = 0.98 LBS.				MATERIAL AND DESCRIPTION	DWG. NO.
ITEM NO.	QTY.	WT.	PART NO.		
1	1	0.67	044282	SSR SHORT CLIP – BASE	044282
2	1	0.31	044257	SSR CLIP TAB (HEAVY)	044257



VP SSR systems consists of 24 GA. (0.023" min.) or 22 GA. (0.029" min.) 3" x 24" steel structural roof panel. VP SSR panels are factory-formed and field-machined seamed in place yielding a single unit membrane. Thermal compensating concealed clips connect the panels to secondary structural members which with sealants, mastics, closures, trim and flashing provide a weathertight and finished appearance. VP SSR panels provide 24" wide net coverage and have 3" high major ribs. Minimum roof pitch is 0.25: 12.

Roof panel mechanical properties:
Galvalume and galvanized steel coil used in roll formed or press broken roof covering generally will be material based on the requirements of ASTM A792 SS, Class 1 or 4 Gr. 50 for galvalume and A653 for galvanized. The minimum yield strength $F_y = 58,662$ psi for 24 Ga. and 59,771 psi for 22 Ga., tensile strength $F_u = 73,200$ psi for 24 Ga. and 70,032 psi for 22 Ga.

Roof panel coatings and/or finishes consist of the following:

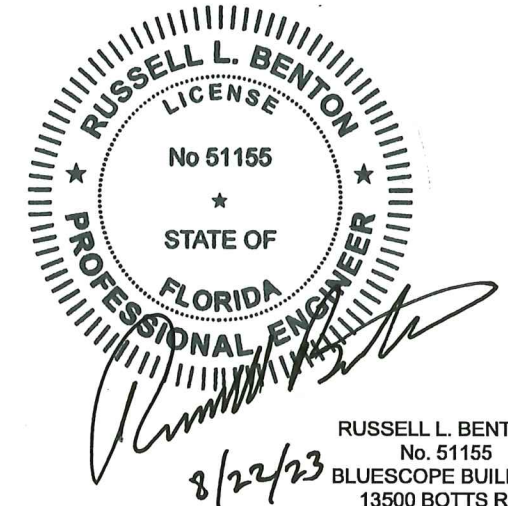
- (1.) Galvalume AZ55 an aluminum-zinc alloy coating thickness of approximately .0018" applied to both sides of base metal.
- (2.) Galvalume AZ50 an aluminum-zinc alloy coating thickness of approximately .0016" applied to both sides of base metal.
- (3.) Galvanized G90 a zinc coating thickness of approximately .0015" applied to both sides of base metal.
- (4.) Galvalume AZ55 may or may not have a KXL coating.
- (5.) Galvalume AZ50 and Galvanized G90 must have a KXL coating.

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 for roof clip to roof secondary are self drilling. Location size and quantities as specified in details. Fasteners are manufactured by ITW Buildex, 1349 West Manor Ave., Itasca, IL 60143

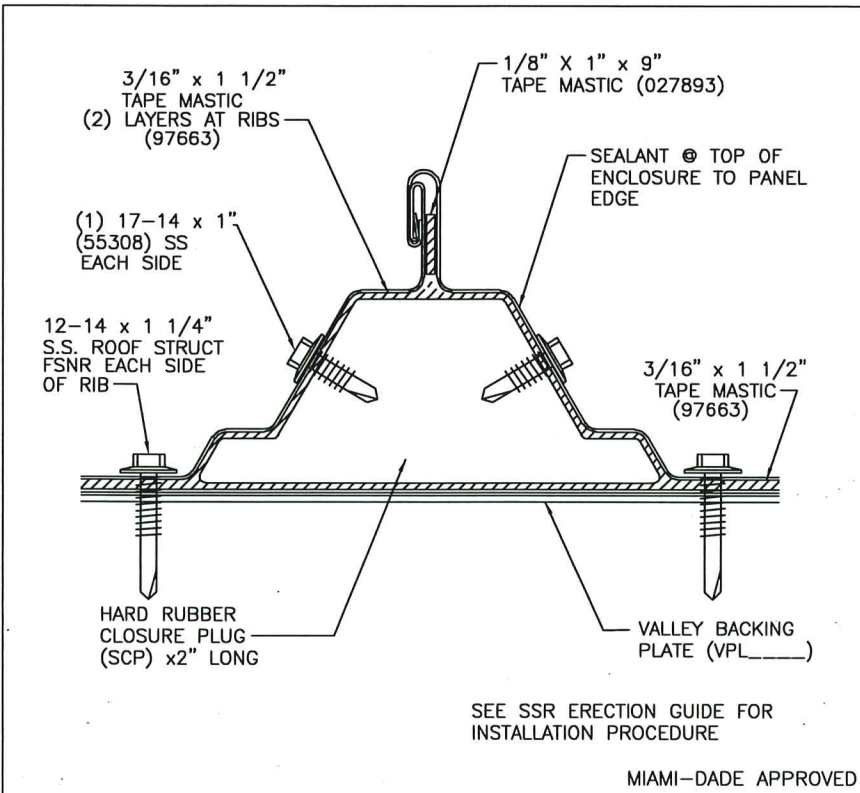
Closures, Mastics, and Sealants:
Closures, formed to match roof panel profiles are supplied as required or specified to provide weathertightness. Closures are of a coated coil material, normally EPDM ethylene-propylene-duene-monomre) in a gray or neutral color. Closures are manufactured by Hanna Rubber 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 Sika Corp. 30800 Stephenson Hwy. Madison Heights, MI 48071.
Tube sealant is a synthetic elastomer based material. Sealant color is gray or bronze. Tube sealant is manufactured by Sika Corp. 30800 Stephenson Hwy. Madison Heights, MI 48071.

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						1 09/08/2020 RLB UPDATE FOR 2020 FBC		CUSTOMER	
								LOCATION	
								PROJECT	
						NTS		BUILDERS PO#	
								A BlueScope Steel Company VPC VERSION: 7.1c	
								DRAWING NO FLVPSSR1	
								DATE 09/01/09	
								DRAWN/CHECK THL / AYS	
								PAGE 5 OF 7	

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By *[Signature]*
Miami Data Product Control

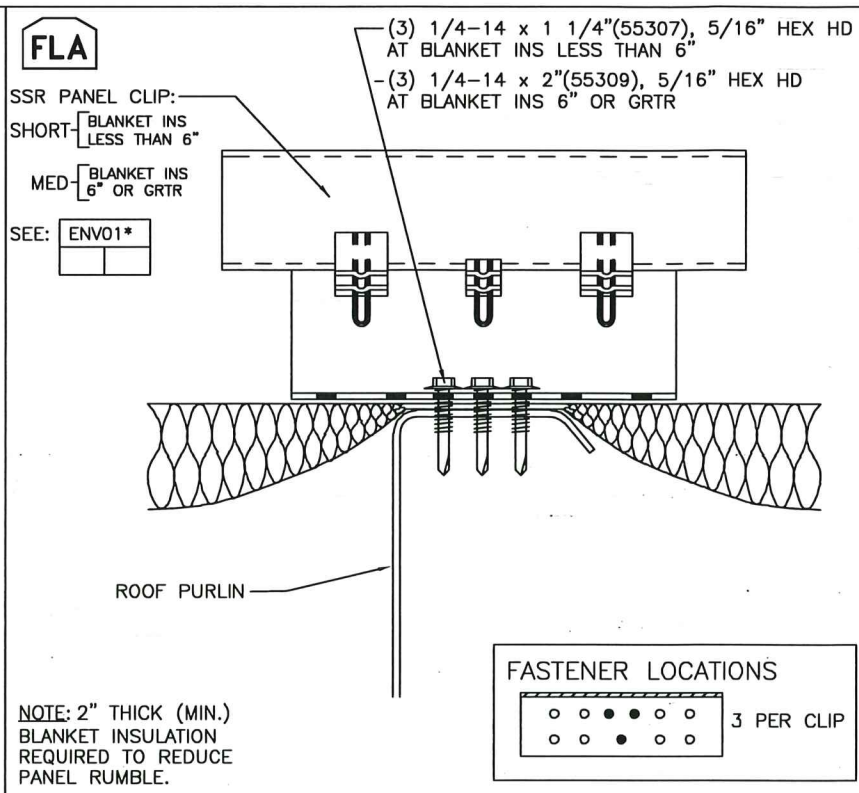


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GRANDVIEW, MO 64030



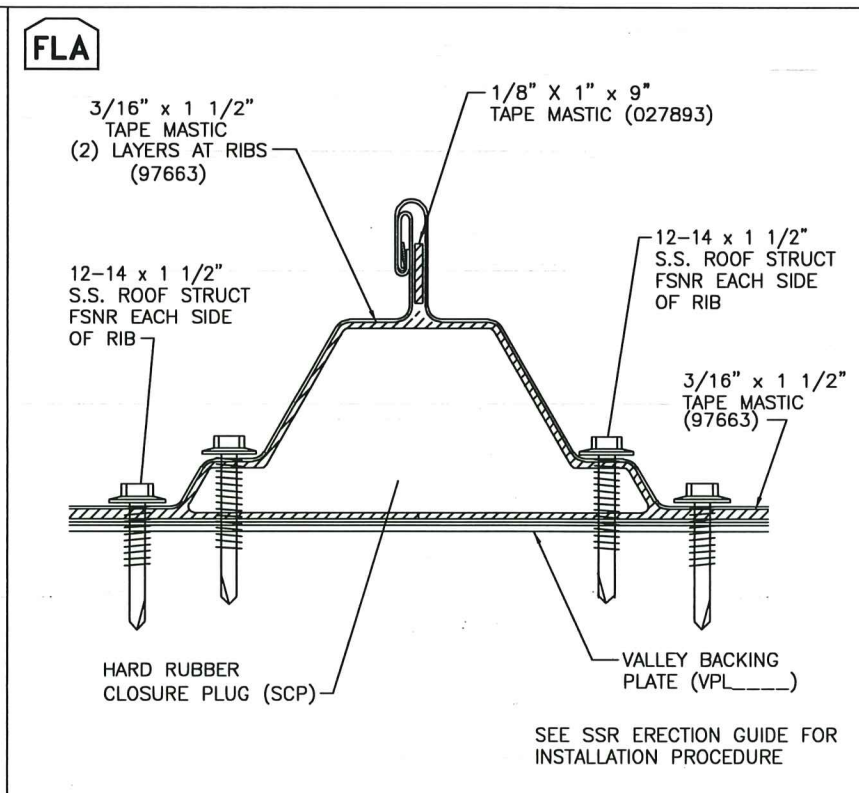
REV. DATE: 11/14/17 | REV. NO. 01
RCV525

SSR RIB AT VALLEY



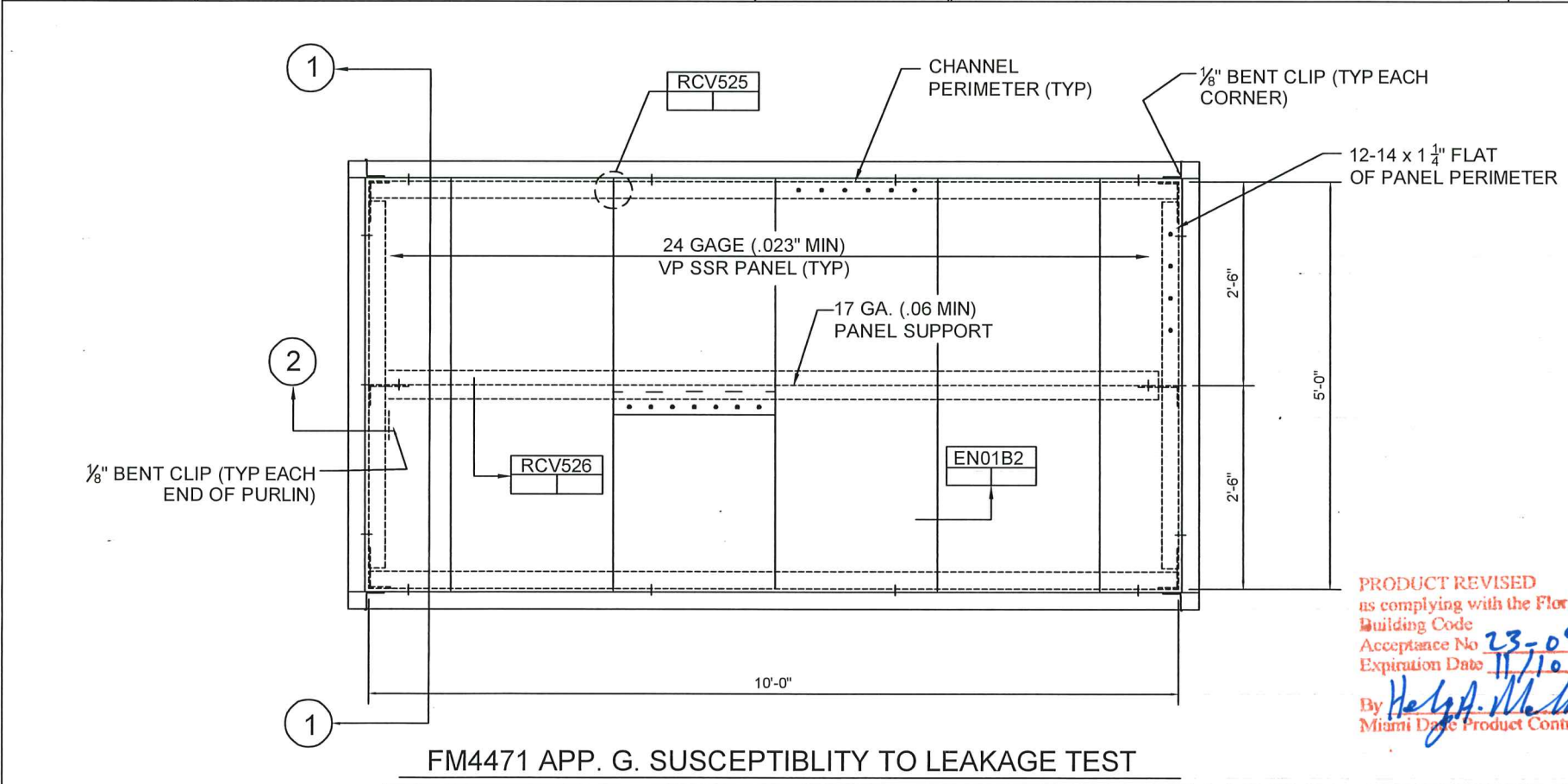
REV. DATE: 05/28/20 | REV. NO. 04
RCV505

SSR PANEL CLIP ATTACHMENT
BLANKET INSULATION ON PURLINS



REV. DATE: 06/26/19 | REV. NO. 04
RC71A9

SSR RIB AT VALLEY

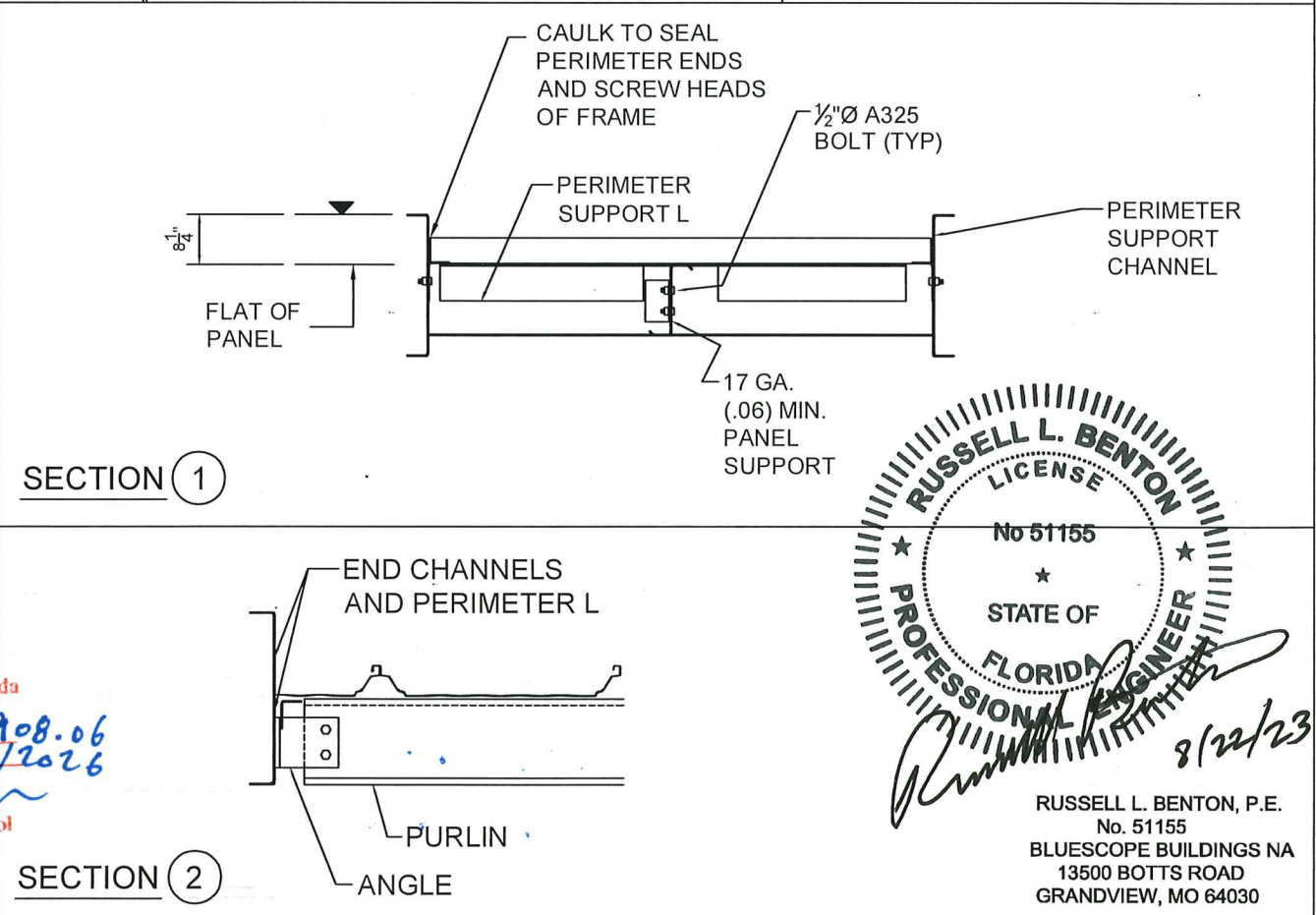


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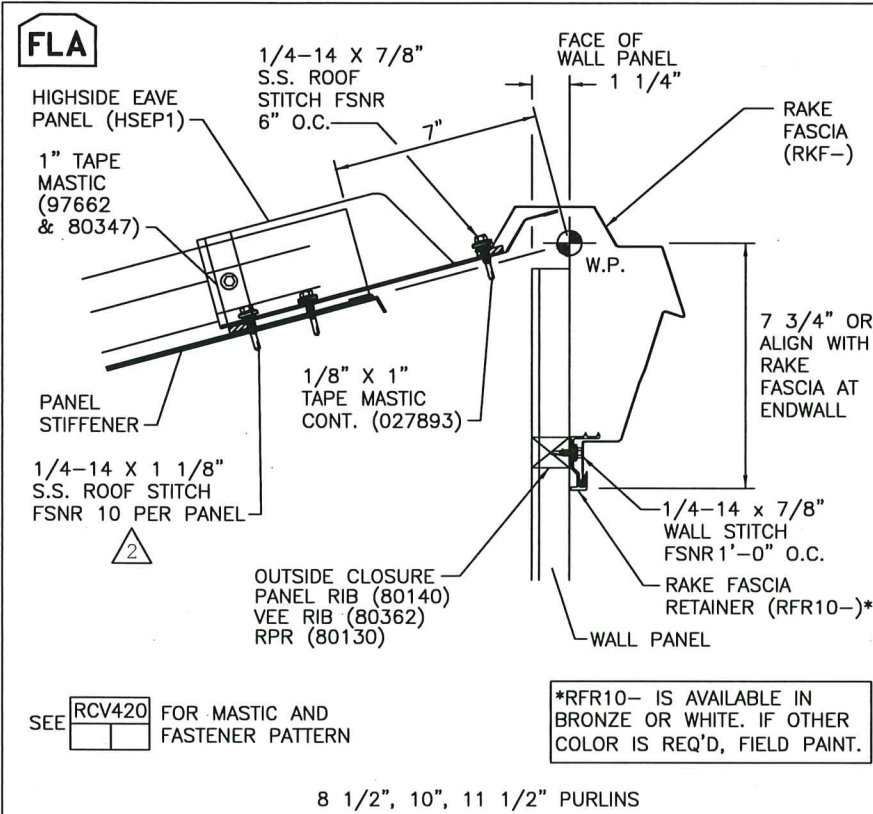
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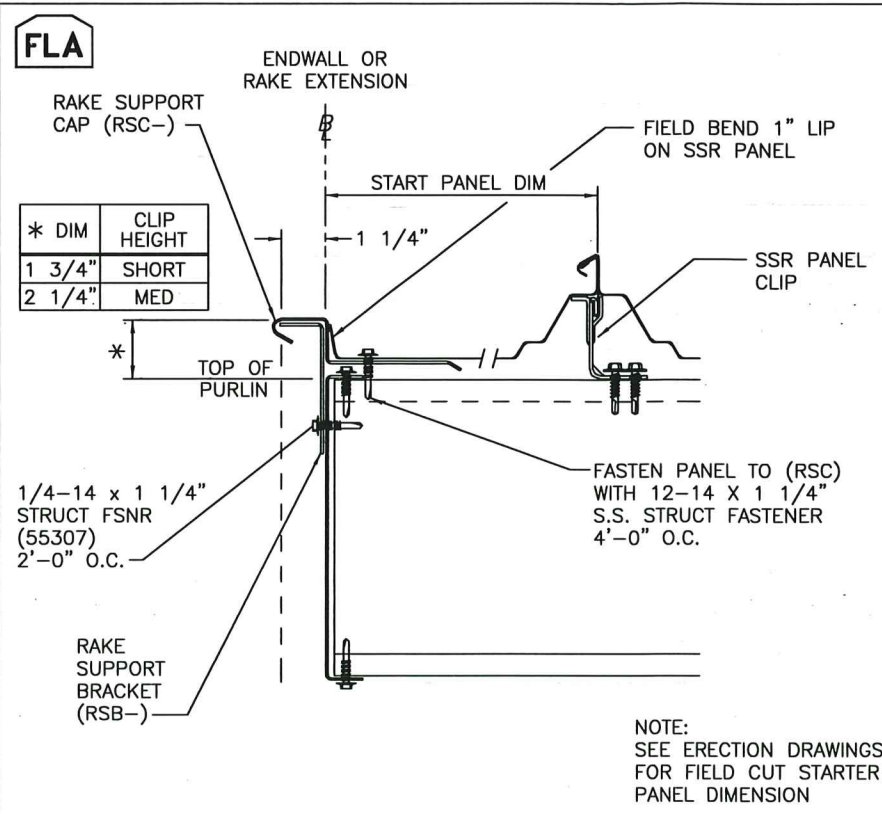
RUSSELL L. BENTON
LICENSE
No 51155
STATE OF FLORIDA
PROFESSIONAL ENGINEER
8/22/23

RUSSELL L. BENTON, P.E.
No. 51155
BLUESCOPE BUILDINGS NA
13500 BOTTS ROAD
GRANDVIEW, MO 64030

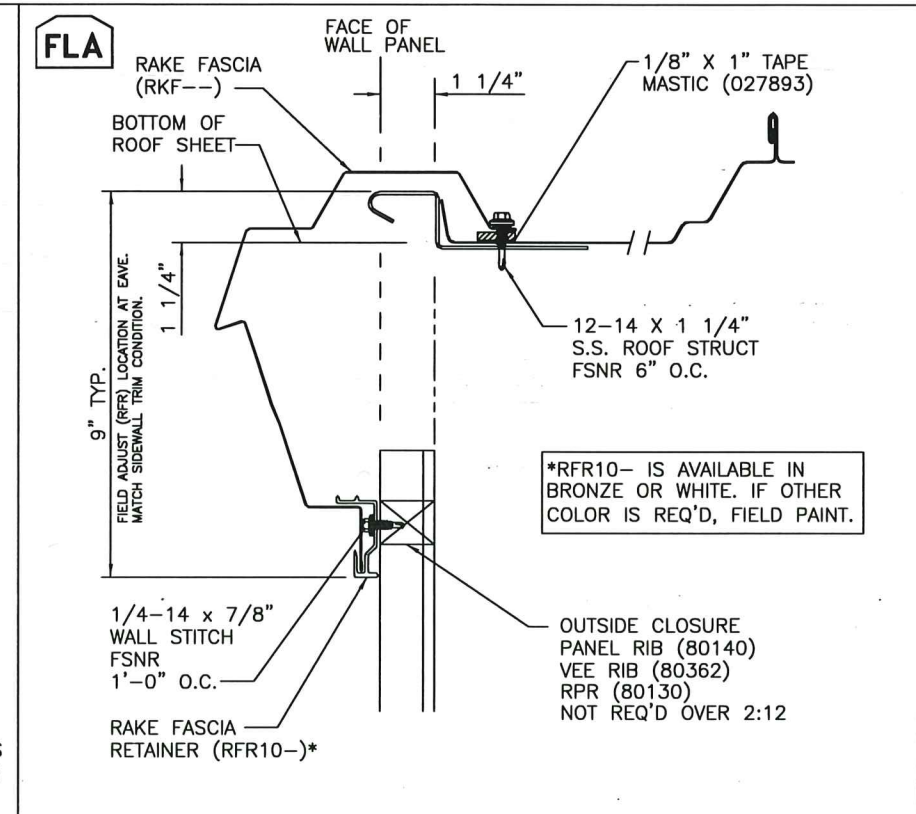
Varco Pruden Buildings, a division of BlueScope Buildings North America, Inc. 3200 Players Club Circle Memphis TN 38125				VP SSR PANEL (24" WIDE x 24 GA./ 22 GA. STEEL)	
REV	DATE	BY	DESCRIPTION	BUILDER	
1	09/08/2020	RLB	UPDATE FOR 2020 FBC	CUSTOMER	
				LOCATION	
				PROJECT	
				BUILDERS PO#	
NTS					



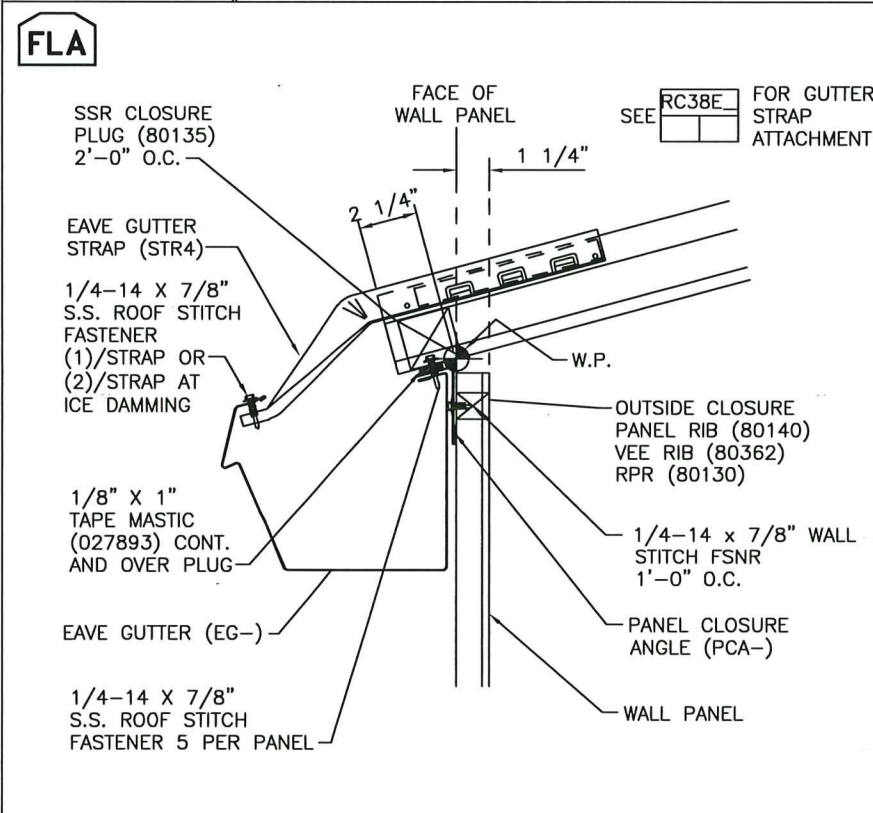
REV. DATE: 05/11/22 REV. NO. 04
RCV423 SSR HIGH EAVE FASCIA PR, VR OR RPR WALL



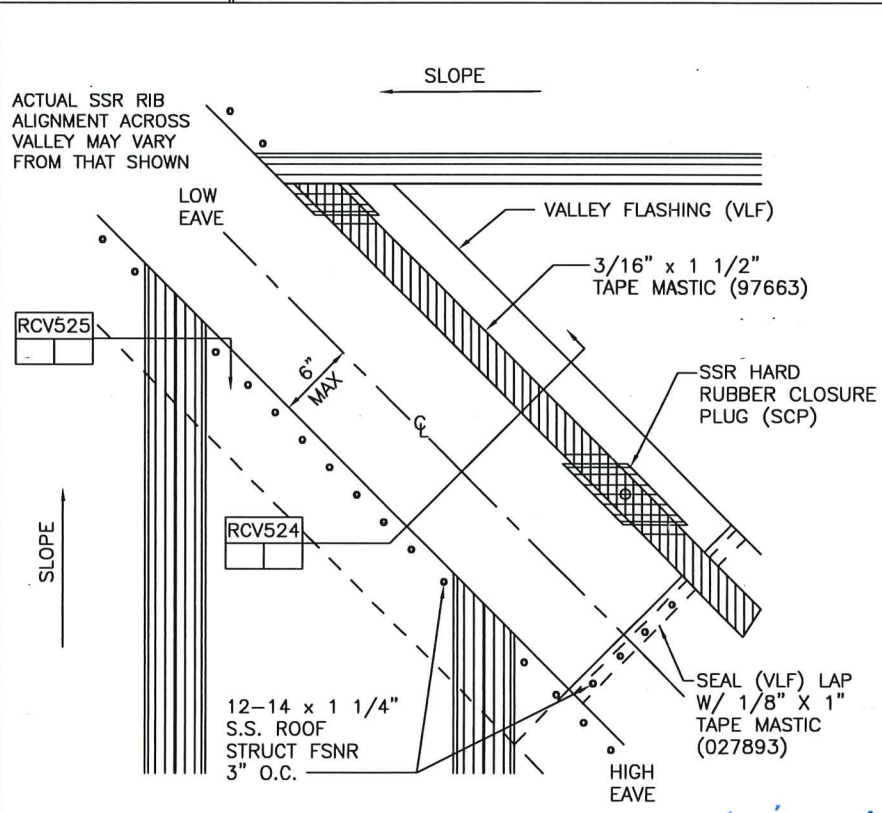
REV. DATE: 08/26/19 REV. NO. 07
RC10A1 SSR STARTING RAKE PR, VR, OR RPR WALL W/ BLANKET INSUL.



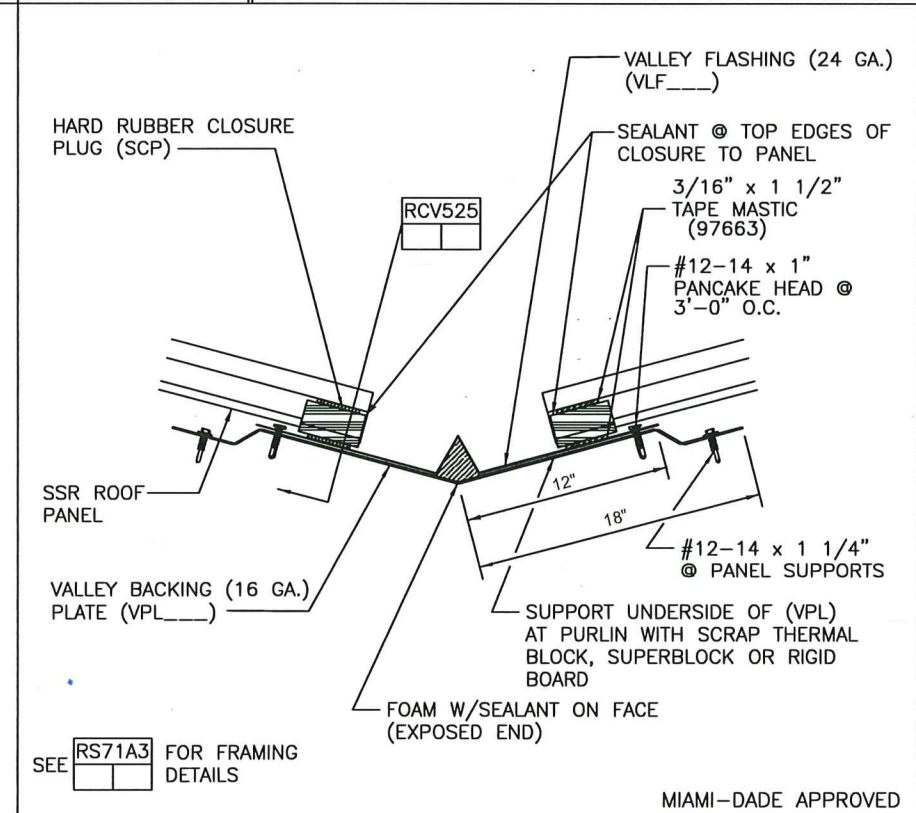
REV. DATE: 06/26/19 REV. NO. 07
RC30A1 SSR RAKE TRIM PR, VR OR RPR WALL



REV. DATE: 06/26/19 REV. NO. 05
RC32A1 SSR ROOF W/ EAVE GUTTER PR, VR OR RPR WALL

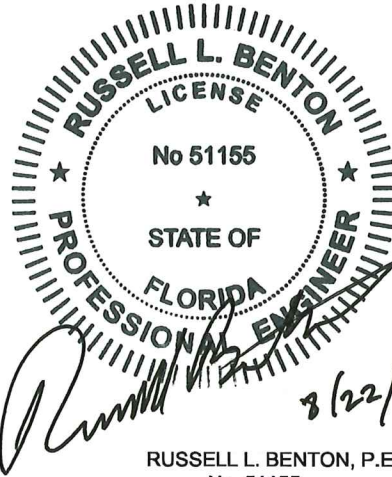


REV. DATE: 09/10/20 REV. NO. 00
RCV545 SSR VALLEY FLASHING



REV. DATE: 11/09/17 REV. NO. 01
RCV524 SSR VALLEY FLASHING SECTION VIEW

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Expiration Date 11/10/2026
By *Heidi A. Miller*
Miami-Dade Product Control



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BLUESCOPE BUILDINGS NA
13500 BOTTS ROAD
GRANDVIEW, MO 64030

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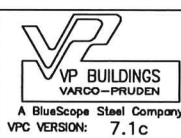
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2	08/11/2023	RLB	UPDATE FOR 2023 FBC
NTS			

VP SSR PANEL (24" WIDE x 24 GA./ 22 GA. STEEL)			
BUILDER	CUSTOMER	LOCATION	PROJECT
BUILDERS PO#			



DRAWING NO. FLVPSSR1	DATE 09/01/09	DRAWN/CHECK THL / AVS	PAGE 7 OF 7
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