

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION **(FOR HVHZ APPROVED PRODUCT)**

PRODUCT: **DYNAMIC VENTED RIDGE CAP (HIGH SLOPE)**
(FLPA# 38576.2)

MANUFACTURER: DYNAMIC METALS, LLC
3201 SE DOMINICA TERRACE
STUART, FL 34997

To all concerned,

The Dynamic Vented Ridge Cap (High Slope) is manufactured by Dynamic Metals LLC from 0.032" Fluropon coated aluminum (25 ksi min) or 26 Ga. galvalume or Fluropon coated steel (50 ksi min). The vented ridge cap meets the requirements of Sections 1507.4 and 1518.9 of the 7th Edition (2020) Florida Building Code. The panels have been tested per TAS 100(A) by Intertek B&C, with results shown in test report M1246.01-450-18. It has also been tested per TAS 110 by PRI Construction Materials Technologies, with results shown in test reports VLS-004-02-01 and VLS-005-02-01.

Technical Documentation:

1. Drawing "DMRVHS-HZ" dated 4/19/21, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Architectural Testing, Inc. signed and sealed by Vinu Abraham, PE.
3. Test Reports listed above by PRI Construction Materials Technologies, signed and sealed by Zachary R Priest, PE.
4. Supplemental Calculations to support DMRVHS-HZ, signed and sealed by Scott Wolters, PE.

I have reviewed this submittal per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). Based on the limitations listed below and those provided in the documents above, this product meets all the requirements of the 7th Edition (2020) Florida Building Code generally, and chapter 15 specifically, including the HVHZ provisions.

Limitations: **This system is approved for use inside and outside of the HVHZ.**

<u>Overall Limitations:</u>	Maximum Ridge Cap Width:	12 1/2" (Length is unlimited)
	Maximum Ridge Cap Height:	Varies (Based on roof slope)
	Min. Slope:	3"/12"

Minimum Substrate: ½' (15/32" min) 5-ply CDX Plywood or ¾" solid wood planks (S.G. = .42 min) nailed to 2x rafters spaced 24" max. on center with 8d ring-shank nails spaced 6" on center.

Note: The ¾" wood planking must be installed as a solid deck and must be nailed or fastened in a manner equal to the deck above, or as specified by a Florida licensed Architect/Engineer

or

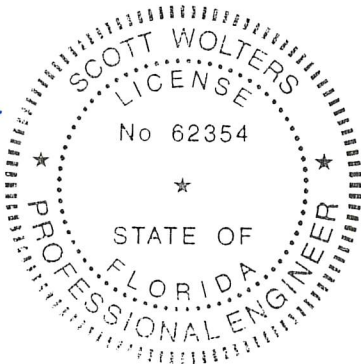
Structural panels with 16 Ga. (min) Steel Purlins.

- Other Limitations:
1. Roof slope must meet requirements of FBC Sections 1507.4.2
 2. Fire classification is not a part of this evaluation. Refer to a current Approved Roofing Materials Directory for fire ratings of this product.
 3. Design of substrate is by others and is not a part of this evaluation.
 4. All panel system perimeters, penetrations, and transitions to be flashed and sealed per the requirements of RAS 133.
 5. Rational analysis, provided by a Florida licensed Architect/Engineer per FAS 61G20.3.005(e), may be used for project specific approval by the local authorities having jurisdiction.

If you have any questions or need more information concerning this approval please contact me.

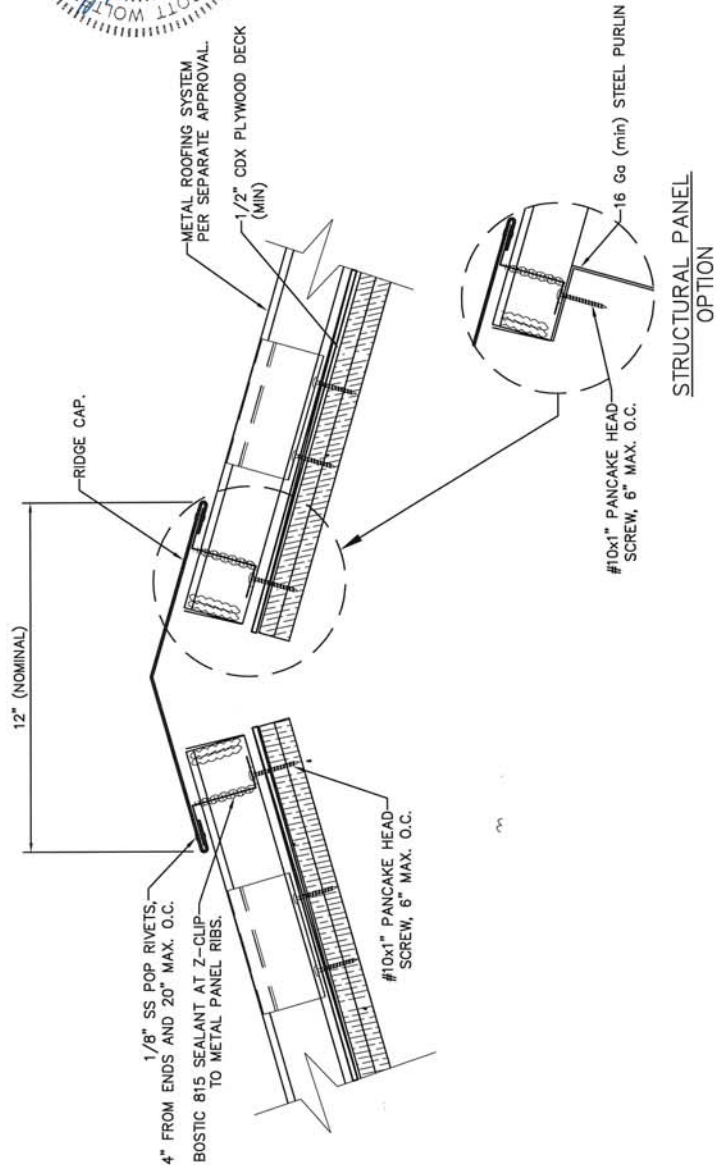
Thank you,


Scott Wolters
FL PE# 62354
JUN 14 2021

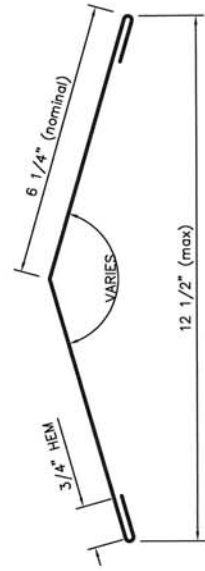


DYNAMIC VENTED RIDGE CAP (HIGH SLOPE)
0.032" ALUMINUM or 26 Ga. STEEL
INSTALLED ON METAL ROOF PANELS
OVER 1/2" CDX PLYWOOD DECK

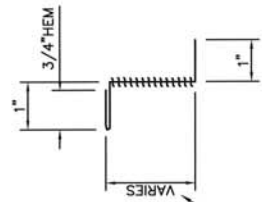
- GENERAL NOTES:**
- 1. ALL SHAPES CAN BE MADE FROM 0.032" ALUM OR 26 Gg. STEEL
 - 2. DYNAMIC VENTED RIDGE CAP MAY BE INSTALLED ON ROOFS UP TO 75 ft ABOVE GRADE (PER TAS 100(A), SECTION 11.1.1)
 - 3. MIN ROOF SLOPE = 3" / 12"
 - 4. THE METAL ROOF SYSTEM IS NOT PART OF THIS APPROVAL. SEE ROOF SYSTEM APPROVAL FOR MORE INFO.



STRUCTURAL PANEL
OPTION



RIDGE CAP



PERFORATED Z-CLIP
HEIGHT OF Z-CLIP VARIES
DEPENDS ON HEIGHT OF
ROOF PANEL RIBS.