

**Force Engineering & Testing**

19530 Ramblewood Drive  
Humble, Texas 77338  
Phone: (281) 540-6603 FAX: (281) 540-9966  
Website: [www.forceengineeringtesting.com](http://www.forceengineeringtesting.com)

**Product Evaluation Report  
CAPITAL METAL SUPPLY, INC.**

***Min. 29 Ga. Capital Rib Roof Panel over 1x4 Wood Purlins over 7/16" OSB***

**Florida Product Approval # 17992.1 R4**

Florida Building Code 2023  
Per Rule 61G20-3  
Method: 1 -D

Category: Roofing  
Subcategory: Metal Roofing  
Compliance Method: 61G20-3.005(1)(d)  
NON HVHZ

**Product Manufacturer:**

Capital Metal Supply  
3845 S. US HWY 441  
Lake City, Florida 32025

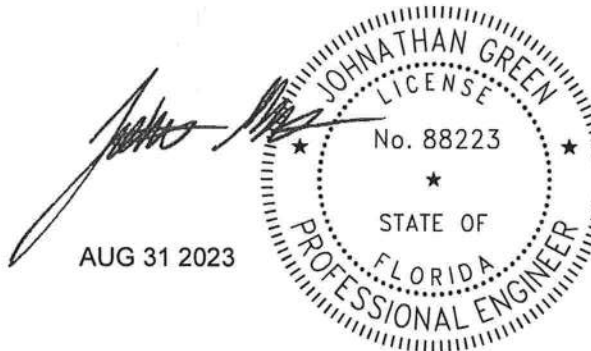
Capital Metal Supply  
629 SE Industrial Circle  
Lake City, Florida 32025

**Engineer Evaluator:**

Johnathan Green, P.E. #88223  
Florida Evaluation ANE ID: 12901

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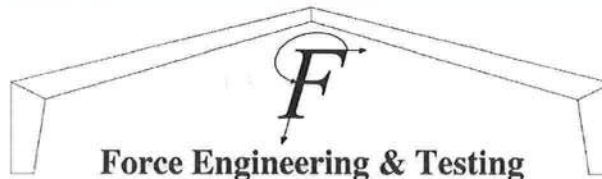
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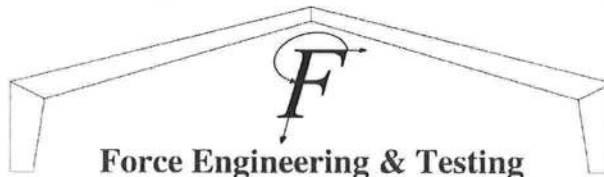
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**FL# 17992.1 R4**



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<b>Code Compliance:</b>	The product described herein has demonstrated compliance with The Florida Building Code 2023, Section 1504.3.2, 1504.7.
<b>Evaluation Report Scope:</b>	The product evaluation is limited to compliance with the structural wind load requirements of the Florida Building Code 2023, as relates to Rule 61G20-3.
<b>Performance Standards:</b>	<p>The product described herein has demonstrated compliance with:</p> <ul style="list-style-type: none"><li>▪ UL 580-06 - Test for Uplift Resistance of Roof Assemblies</li><li>▪ UL 1897-2015 - Uplift Test for Roof Covering Systems</li><li>▪ FM 4471-92 - Foot Traffic Resistance Test</li></ul>
<b>Reference Data:</b>	<ol style="list-style-type: none"><li>1. UL 580-06 / 1897-04 Uplift Test Force Engineering &amp; Testing, Inc. (FBC Organization # TST-5328) Report No. 587-0169T-15A, B</li><li>2. FM 4471-10, Section 4.4 Foot Traffic Resistance Test Force Engineering &amp; Testing, Inc. (FBC Organization # TST-5328) Report No. 587-0169T-15C</li><li>3. Certificate of Independence By Johnathan Green, P.E. (No. 88223) @ Force Engineering &amp; Testing (FBC Organization # ANE ID: 12901)</li></ol>
<b>Test Standard Equivalency:</b>	<ol style="list-style-type: none"><li>1. The UL 1897-04 test standard is equivalent to the UL 1897-2015 test standard.</li><li>2. The FM 4471-10, Foot Traffic Resistance test standard is equivalent to the FM 4471-92, Foot Traffic Resistance test standard.</li></ol>
<b>Quality Assurance Entity:</b>	The manufacturer has established compliance of roof panel products in accordance with the Florida Building Code and Rule 61G20-3.005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity.
<b>Minimum Slope Range:</b>	Minimum Slope shall comply with Florida Building Code 2023, including Section 1507.4.2 and in accordance with Manufacturers recommendations. For slopes less than 3:12, lap sealant must be used in the panel side laps.



## Force Engineering & Testing

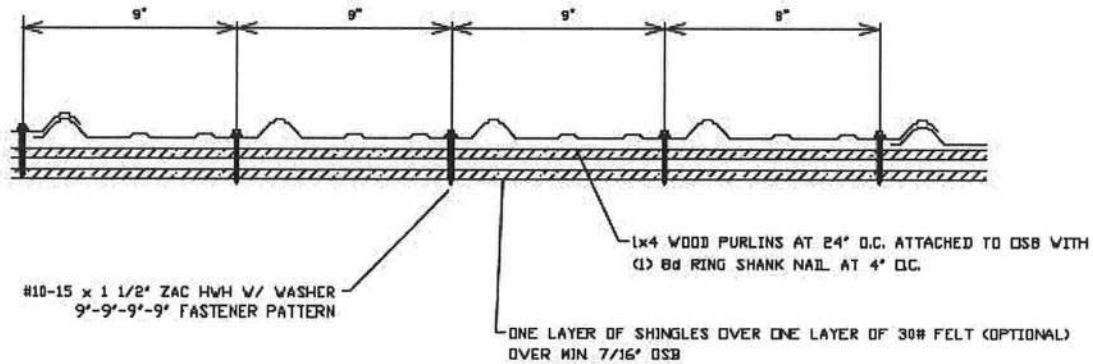
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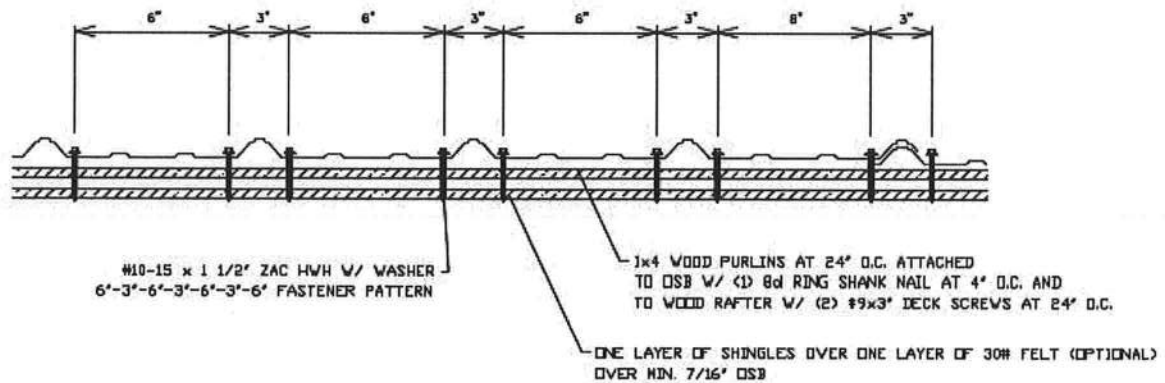
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### MINIMUM 29 GA. CAPITAL RIB PANEL PANEL SYSTEM TYPE 1 FASTENER PATTERN AT 24" O.C.



### MINIMUM 29 GA. CAPITAL RIB PANEL PANEL SYSTEM TYPE 2 FASTENER PATTERN AT 24" O.C.



### PANEL ENDS

