

**FLORIDA PRODUCT APPROVAL  
FL #12019.2**

**STONE METALS, LLC.**

**4021 SOUTH FRONTAGE ROAD  
PLANT CITY FL 33466**

**PRODUCT: 26GA STEEL 36" RIB PANEL OVER PLYWOOD**

**NON HVHZ**

**Compliant with Florida Building Code 2017 (6<sup>th</sup> ed.)  
Compliant with Florida Product Approval Rule # 61G20-3  
Compliant Active Quality Assurance Program**

**Product: Min. 26GA Steel 36" Rib Roof Panel FBC Sec. 1507.4.2**

**Yield strength: 50ksi      36" Coverage (Max.)      Rib Height 3/4"**

**Minimum 15/32" plywood over supports at maximum 24" O.C. Design of plywood and plywood supports are outside the scope of this evaluation. Must be designed in accordance w/ Florida Building Code 2017.**

**3/4" penetration thru plywood supports 24" max. o.c.**

**Corrosion Resistant Compliant: FBC Sec. 1507.4.3**

**Fastener: #10-15 Woodtite fastener spaced @ 24" O.C.**

**Underlayment: To be compliant with FBC Sec. 1507, Chart 1507.1.1**

**Slope: Shall be in compliance with FBC Sec. 1507.**

<b>Install Details: Table A</b>	<b>Allowable</b>	<b>Method 1:</b>
<b>Loads</b>		
<b>DESIGN PRESSURE*</b>		<b>-56 PSF</b>
<b>SPACING</b>		<b>24" O.C.</b>

**Reference Data:**

**Intertek Testing (TST-1527)**

**REPORT # I7226.01-450-44 R0**

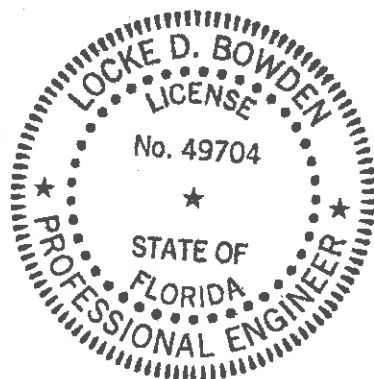
**UL 580-06**

**\*Design Pressure safety margin of 2:1**

**Certificate of Independence:**

**Locke Bowden, P.E. does not have, nor will acquire a financial interest in any company manufacturing or distributing products under this evaluation.**

**Locke Bowden, P.E. is not owned, operated, or controlled by any company, manufacturer, or distributing products under this report.**

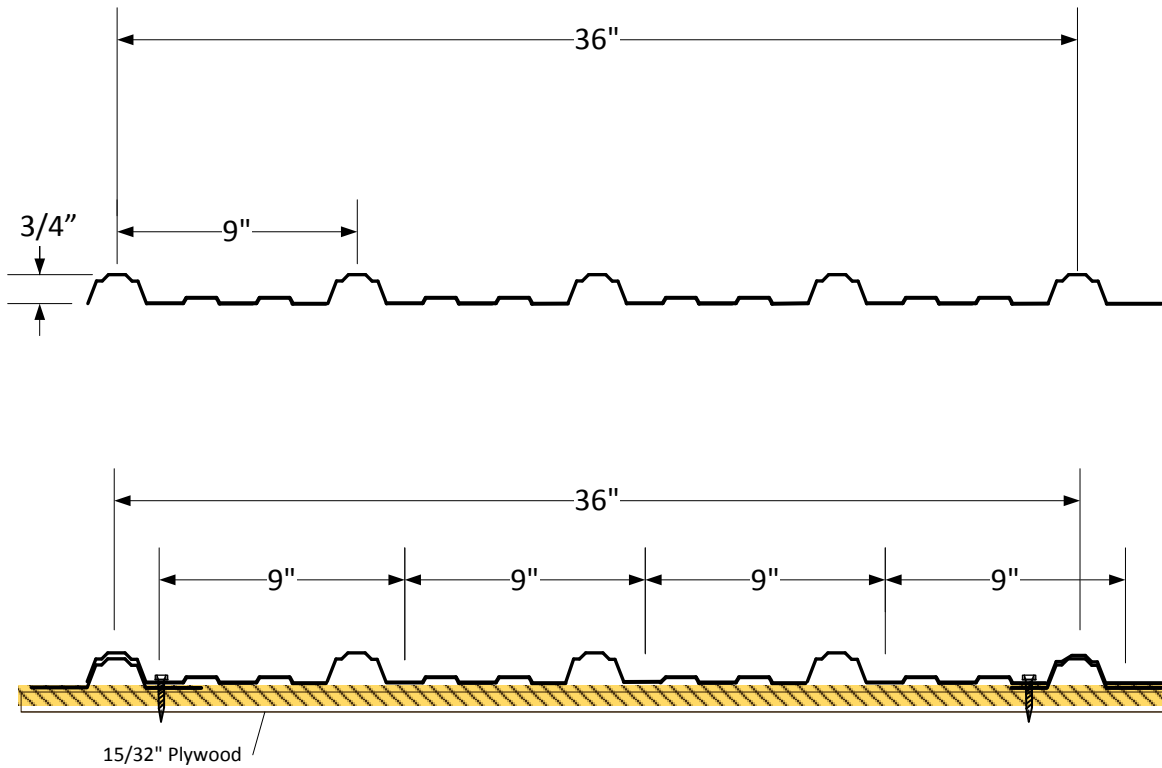


*Locke D. Bowden*  
8/8/19  
LOCKE BOWDEN, P.E.  
FL REG # 49704

# STONE METALS, LLC.-Min. 26GA Steel 36" Rib Roof Panel over 15/32" Plywood Installation Details

## Limitations:

1. Underlayment to be compliance with current Florida Building Code (FBC)2017 6<sup>TH</sup> ed.. see Chart 1507.1.1
2. Minimum slope to be compliant with Florida Building Code 2017 6<sup>th</sup> ed., and per with Manufacturer's installation reference.
3. Products are compliant with State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
4. Engineering analysis for "project specific approval by local authorities w/jurisdiction is allowed by other registered engineers.
5. Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
6. Support framing in compliance w/FBC 2017 6<sup>th</sup> ed., Chapter 22 Steel, Chapter 23 Wood and Chapter 16 Structural Loading.
7. This report does not imply warranty, installation, recommended product use outside of this report.



**FASTENER PATTERN @ 24" O.C.**

