



Venture Engineering, Inc.
Professional Engineers Specializing in Civil Engineering & Land Development
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December 21, 2022

Re: **Powermasters**
311 Jairo Drive
Fuquay Varina, NC
Permit #BCCOM2201-0006
Segmental Retaining Wall Certification

To Whom It May Concern:

Pursuant to the approved bearing capacity for the footings and compaction testing in the reinforced zones for the above referenced locations, per the onsite geotechnical engineer, Timmons Group, and that the wall was constructed per Segmental Retaining Wall Specifications and Requirements and per the profile designs prepared by Venture Engineering, P.A, the wall installation, thru inspection, has met all the criteria and will function as designed.

The wall design in which one (1) Ridge Rock Segmental block retaining wall, with a near vertical batter (1/8" setback per 8" height) was installed. One foot of #57 washed stone was installed behind the retaining walls to prevent hydrostatic pressure build-up behind the walls. A combination of import structural and onsite fill was used for backfilling the retaining wall in the reinforced zone.

Thanks, and let me know if you have any questions.

VENTURE ENGINEERING, P.A.

Mark J. Magrath, PE
Principal

