

May 4, 2018

Andrew Strniste
Zoning Administrator
PO Box 120
Underhill, VT 05489

RE: Traffic Analysis & Preliminary WW System Analysis
Duval Multi-Family Housing Project, 25 Pine Ridge Road, Underhill
McCain Project No. 38019

Dear Andrew,

McCain Consulting, Inc., is working with Peter Duval on his proposed multi-family housing unit project located at 25 Pine Ridge Road in Underhill. The applicant seeks to convert his existing single-family home into a (4) unit multi-family dwelling. The project consists of the expansion of the existing house, the addition of a silo, the addition of (9) parking spaces, the addition of an earthen berm, and other landscaping measures.

McCain Consulting, Inc. has performed a document and resource review and made a preliminary determination that there is sufficient soil capacity to support an on-site leachfield to serve the proposed (4) unit project. An approximate leachfield location has been provided on the Site Plan based on the review of the soil data. Adequate water for the project exists, provided that the applicant installs a 2,000-gallon finished water storage tank adjacent to the existing well. A complete Water/Wastewater design will be completed once the project completes the town permitting process.

A traffic analysis for the project has been completed using the 8th Edition ITE Trip Generation, 2nd Edition with (4) residential condo/townhouse units. The (4) unit project is anticipated to produce approximately 25 trip ends per day, with 2-3 peak A.M./ P.M. trips. The additional trip-ends produced by this project are consistent with surrounding residential uses in the project vicinity.

Please feel free to reach out to us if you have any additional questions or comments.

Sincerely,
McCain Consulting, Inc.



Gunner McCain