

May 4, 2020

Ms. Karen Sherman
Town Planner
Holliston Town Hall
703 Washington Street
Holliston MA 01746

RE: 0 Birchwood Rd.
Map #8 Block 2 Lot 30.P
New Construction

Dear Karen,

Attached is a revised Sewage Disposal System Design Plan for 0 Birchwood Rd. Holliston, MA. The revision includes a newly designed drainage system to reduce stormwater ponding in the low spots as a result of regrading to construct the new dwelling and the new septic system. Although, the revision is provided to address concerns of the abutters, it is prudent for me to provide some drainage mitigation on this site.

The attached design is a perforated pipe located 2 feet above the water table.

Due to constraints of lot shape, topography, high water table and title 5, the attached design recommends lawn drains attaching to said perforated pipe to mitigate the on-site runoff to the extent practical. The key requirement in Title 5 to protect the new septic system from the new drainage system is that any drainage system that intercepts seasonal high groundwater must be located 50 LF from the septic system. As a result the perforated pipe must be located above the seasonal high water table, where the required separation distance is 25 LF. .

We are aware that a local Land Disturbance Permit may be required and provide this draft design for your review keeping said permit in mind..

If you have any questions, please contact us.

Very Truly Yours,

Anthony Esposito
Anthony A. Esposito, P.E.
508-369-4783