

From: James Garreffo
Sent: Thursday, October 26, 2017 3:28 PM
To: carolyn.habitat
Cc: 'Dimakarakos, George'; planning@stow-ma.gov
Subject: Pine Point Rd.

Ms. Reed,

This office has reviewed the plans for the proposed septic system for the above mentioned lot and has the following review comments.

- 1.) An additional soil evaluation hole and perc test is needed in the northern end of the system.
- 2.) According to Title 5 the breakout slope for the leaching area must comply with Title 5, 310CMR 15.255 *"For a system constructed in fill, 310 CMR 15.255 requires slope stabilization, such as a concrete retaining wall, when the sideslopes to a soil absorption system are steeper than 3:1 (horizontal: vertical)" excerpt from the DEP Guidelines for the design and installation of impervious barriers.*
- 3.) Please provide the design for the proposed retaining wall.
- 4.) The office would not recommend the proposed well location as it does not meet the property line and roadway offset in the Stow Board of Health Well regulations. In addition we would not recommend the placement of the site drainage discharge so close to the proposed well.
- 5.) The actual location of all sewage disposal systems and wells that would impact the proposed sewage disposal system and well must be noted on the plan.
- 6.) Please provide the pump curve for the proposed pump noted on the plan.

If you should have any questions please don't hesitate to contact me at the office.