

This application is looking for the DRB to waive section 3.18.E based on section 3.18.B.3. b) which states that it is evident, based on submitted information and site inspection, that the proposed development involves minimal site disturbance and poses a negligible threat to water quality, public roads and facilities, and to adjoining properties.

We are also looking to get an extended permit in order to finish the building pieces of the project. The slope and earth work should be constructed by october 15th 2019 but to finish all the other building pieces of the project we are requesting an additional year so a completion year if 2021 depending on what month authorization is given for the project to proceed.

Exhibits for this application also include:

Exhibit A is a USGS topo map showing area topography

Exhibit B is a plan of the project site including survey contours from post construction of the house site, also includes wetland and stream located within the project area, and construction stormwater control measures.

Exhibit C is a Soils Survey Map including soils types and erosion (k) values for soils on the site and surrounding area.

Exhibit D is Stormwater management narrative

Exhibit D

The project is anticipated to last one construction season April 15th - October 15th for slope impacts. It may be required to extend the construction to a second construction season to complete all building components involved in the project.

Surface runoff from the lot will remain the same pre and post project the slope will not cause a change in velocity or volume of runoff. The slope will be constructed such that the slope will match that of the surrounding slope.

Soils within the project area are Lyman-Marlow complex, 5 to 30 percent slopes, very rocky whole soil erosion value = 0.37 and Scarboro loam whole soil erosion value = 0.28 as seen in exhibit C. These soils are moderate to high risk of erosion. The original build project of the house had ledge blasting which resulted in some side slopes being built up with this blast material with topsoil and seed. This is similar to how this project will be constructed. The originally constructed slopes from the house build have not shown any signs of erosion and has had vegetation growing healthily. The fill material will have a considerable less erosion value than that of the in-situ soil and may even be more stable than the slope existing today.

Ledge is very near the surface near the house site so in order to fit in the pool area it had to be located near the slope so that more blasting isn't required. Blast material left over from the original house build project or similar material will be used to fill in the slope for this project. There will be approximately 3 ft of fill in the deepest area of the slope. This slope will be covered with topsoil and seeded and erosion matting added for stability which is standard for 3 foot horizontal to 1 ft vertical slopes. Silt fence will be installed at the toe of the slope at the beginning of the project and remain in place and maintained until the slope is considered to have sufficient vegetative cover.

All erosion control measures will meet the industry standard for construction on low risk project and follow the Low Risk Site Handbook. This project is considered a non-reporting project as the disturbance is less than one acre of disturbance but the same stormwater protection measures will be followed for the project.

All areas of disturbance will be outside of all setbacks to waterways and wetlands as shown in Exhibit B.