

CIVIL ENGINEERS LAND SURVEYORS SOIL SCIENTISTS LAND PLANNERS

March 31, 2020

Warren Inland Wetlands and Conservation Commissioners Town of Warren 50 Cemetery Road Warren, Connecticut 06754

> Re: Proposed Site Development Plan for (Map 21, Lot 27) Kent Road, Warren, Connecticut

Dear Commissioners,

This letter is to address the comments of Ms. Kathy Castagnetta, Land Use Officer, in her email to our office dated March 18, 2020 regarding the proposed site development plan located at Kent Road, Warren, Connecticut. Please find the comment of Ms. Kathy Castagnetta in italics followed by my response in bold:

1. At the next IWC meeting if should be confirmed that that the regulated area has been computed according to the regulations for all the areas of site along the driveway as well as the septic area. It looks to me like it has.

All regulated areas depicted on the plans has been computed in accordance with the Town of Warren's definition of regulated area. A note specifying this has been added to the plan.

2. Having the limit of disturbance near WLF #9 is a real concern. It seems there will be a tremendous amount of disruption. How can this be mitigated.

The swale and berm adjacent to the driveway near WLF#9 has been revised and tightened to minimize the amount of disturbance. The previous limit of disturbance distance of four feet to wetland flag #9 has been increased to sixteen feet. All work and the limit of disturbance is now above the ledge outcrop face that is depicted on the plan. Silt fence and construction fencing is proposed to protect the regulated area and wetlands from any disturbance. These changes have been made on the attached plans with the revision date of March 31, 2020.

3. How much blasting will need to occur in the area of the septic fields and driveway. There will be no blasting in the area of the septic fields.

The driveway construction will require a cut in the area of WLF#9 of approximately 128 feet long by 20 feet wide (approximately 190 cu.yds of material). It is anticipated that this cut will be into ledge rock with the width very likely to be decreased from what is depicted on the plan as a vertical clean cut can be retained. With a vertical cut, the width of the cut is more likely to be around 10 feet. This small of an area is likely to be hammered by machine rather than by blasting. The resultant rock from the cut will be utilized to create the driveway base.

If you have additional questions, please do not hesitate to contact me at (860) 354-9346.

Sincerely,

Arthur H. Howland & Associates, P.C.

Spencer Myles Senior Project Manager