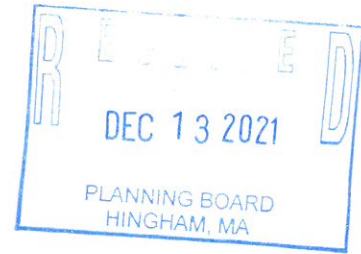


December 10, 2021

Hingham Planning Board  
210 Central Street  
Hingham, MA 02043



**RE: Response to Comments  
53 Kimball Beach Road  
Hingham, Massachusetts**

Dear Planning Board members,

Attached please find revised plans for the above referenced project. In addition, we offer the following responses to the review comments received from Patrick Brennan, P.E. of Amory Engineers. Our response will follow the format presented in the review letter and is presented in **bold and italic** type.

1. The proposed conditions HydroCAD calculations model the subsurface infiltration system behind the house as being 19.17 feet by 24 feet with twelve plastic chambers. However, the Site Plan shows the system to be 17.2 feet by 22 feet with nine chambers. The plan needs to be revised.  
***Plan has been revised accordingly.***
2. The proposed rim elevation of the yard drain appears to be incorrect. We believe it should be 38.2, not 39.2. The yard drain should also be specified and detailed on the Site Plan.  
***The rim elevation has been revised and a detail provided.***
3. There appears to be inspection ports on the subsurface infiltration systems but they are not labeled. They should also be shown and specified on the cross section.  
***Inspection port (IP) labels were added and a cross section detail provided.***
4. The test holes that have been excavated on site were not excavated deep enough to verify that there will be the required two feet of separation between seasonal high groundwater and the bottom of the subsurface infiltration systems. Deeper test pits are required.  
***Due to site restrictions a larger excavator was not able to be brought into the rear of the yard to obtain a deeper test pit. Test pits can be completed during construction after the dwelling is razed.***
5. We do not have the proposed architectural plan so we cannot confirm that the proposed piping shown for the roof drains is sufficient to capture all downspouts.  
***Proposed architectural plans are provided with this submittal. An additional drain line is provided on the northern side of the proposed dwelling.***
6. No construction entrance is shown on the plans. The existing paved driveway could be utilized for a construction entrance.  
***The existing driveway was labelled to be utilized as the construction entrance.***
7. Trees that will be removed should be identified on the site plan.  
***Trees that will be removed are labelled "T.B.R." on the existing conditions portion of the site plan.***

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8. The proposed silt sock should be extended along the entire south (right) property line.  
***The silt sock was extended accordingly.***

Should you have any questions, please do not hesitate to contact our office.

Very truly yours,  
MERRILL ENGINEERS AND LAND SURVEYORS



Joshua Green, E.I.T.  
Project Engineer