

Leshore, April

From: Brinkman, Paul
Sent: Tuesday, October 16, 2018 3:14 PM
To: Hansen, Linda; Joseph D. Peznola; Junghanns, Julia; Larsen, Geoffrey; Zoning Board of Appeal; Sarkisian, Sarkis
Cc: AKwesell@k-plaw.com; Holder, Thomas; Doucette, Joe
Subject: Town Engineer Cascade Concerns

I took a few minutes to review the past submittals and my prior comments on the aforementioned project. Overall I remain concerned at the potential impact of the project on the Town's resources and the ability of the proponent to mitigate those impacts.

1. The Town's water system currently appears to have capacity to provide the volume of water expected to be used for the project. However the proponent has not provided the specific information requested to definitively confirm this condition.
2. The proponent has not shown the MassDOT drain line on the project plans nor described what may be required to accommodate this within the proposed project. The drain is at least partially located within the footprint of the proposed structure and may be in conflict with the site utilities required to support the building. Any modification to the MassDOT system may require substantial changes to ensure that the delicate balance, currently in place with this system, is maintained.
3. The proponent has not provided information on the flood plain relative to the changes in elevation of the project or the impacts to the available storage volumes to mitigate flooding impacts. The Town is keenly aware of the impacts of flooding on the Town and changes - even minor - could result in significant damage to the waterway, drainage systems and public and private property both in the project area, as well as some distance up and downstream.
4. Stormwater management submissions by the proponent have not demonstrated that the site can reasonably be expected to manage the stormwater in accordance with the Massachusetts Stormwater Standards and also protect the Town's valuable coldwater fishery, which traverses the property. Modeling of the existing conditions do not appear to represent current site conditions, as well as post development conditions provided appear to constitute a significant change that could result in damage to Pine Brook.
5. The management of wastewater appears to represent a substantial change in the pollutant loadings - chemical, physical and volumetric as compared to current site loadings. These changes may negatively impact the coldwater fishery.

Respectfully,

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