

planning2

From: Susan Carter <scarter@placesassociates.com>
Sent: Monday, July 26, 2021 1:33 PM
To: planning
Cc: planning2
Subject: Site walk - 137 Harvard Road

Jesse-

I had a couple of thoughts about the site walk last Tuesday-

- If a swale was put in the shoulder on the northerly side of the road, it would impact the two large street trees by excavating their roots. If they survived, they would be more susceptible to blow downs. It also would be rendered ineffective in the winter with snow banks filling it.
- Adding a catchbasin near 157 Harvard Rd where the overland and groundwater flows reach the road could have the same impact on the large tree roots. However, it could be designed just off the edge of the road to capture both overland and roadway runoff.
- I believe a slotted trench drain should be provided across the throat of the 157 Harvard Road driveway to minimize the potential for icing. This could be open ended to convey runoff in the shoulder but a swale along the shoulder would be needed to convey it to the next catchbasin unless piped.
- The downstream catchbasin should be examined to see if it has capacity to accept any additional flows.

Easterly side of Existing house at 137:

- At the other culvert inlet, on the easterly end of the existing house lot where work was done for the gas line, it is my recommendation that the current trap rock be reused as a leaching trench which will provide some relief for smaller storm events.
- Where the runoff from the hillside ponds in the backyard of the existing house at 137 Harvard, they may want to consider putting in a yard drain so that the runoff and ponding is controlled.
- Consideration should be given to a stone lined swale so that the runoff/groundwater bleeding out of the hillside can be controlled, recharged and directed to the culvert.
- The septic system should be examined- the pooling water had a sheen and smelled potentially like sewage and appeared to below where groundwater was seeping through the wall. This is a BOH issue. The BOH should have plans or at a minimum, a copy of the latest Title 5 report from when the house was purchased.

These comments are based on my field observations during the site walk. There may be other issues that has been presented to the Board that I am not aware of that could impact the above comments.

Please contact me if you would like to discuss this site.

Thank you,

Sue

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