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**Sent:** Monday, December 14, 2020 2:23 PM  
**To:** [katrone@townhall.westwood.ma.us](mailto:katrone@townhall.westwood.ma.us)  
**Subject:** additional review material

GEC has continued its review of the materials submitted after the initial documentation was submitted. We are aware that some additional plans may or are being submitted soon that were expected to be submitted for the Commission's last hearing in December. The follow up hearing has been continued until January 2021.

The original plan submitted with the application was resubmitted to address the apparent scale discrepancy. There are additional findings discussed below regarding the review of the plan. Attachments to this email report are noted above.

Attachment A is Figure 6 from the original report in January 2016 show the Brook following a channel for more than 140 feet south into the area of the 'pond' and therefore extends the bank of the perennial stream for that distance. The corresponding river front setbacks will also change due to that condition. The second attachment, B, shows the concrete dam and the dry stream channel in October 2020. Debris of the beaver dam can be seen upstream of the concrete dam. Also note the stream channel in the foreground is approximately 35-40 feet wide. The bank of this channel seems to be shown on the submitted plan following contour 184 whereas the channel that was measured is only 5 feet wide. (See Attachment I) This changes the riverfront setback by about 25 feet closer to the proposed house. The third attachment, C, shows the channel flowing at the same time the concrete dam was dry indicating that it now is the likely perennial stream due to the beaver dam. These two photos were taken during an official drought monitoring period. (see attachment G) The fourth photo D, shows the same channel on December 2 2020 after a 2.5 inch rain fall event from December 1. The fifth picture E, shows the same channel looking downstream. Based on this picture the level of the water at the main channel is approximately elevation 188 using the plan of record. This further expands the point of the perennial stream edge, 25 +/- feet closer to the project site because the edge of the perennial stream is the annual high water mark per the regulations. We continue to maintain as well that this stream is the perennial stream due to the changed condition of the beaver dam and the resulting pathway for the water is this channel as documented here. See attachment J. Furthermore based on this information the Commission has the right to consider the pond to not exist if it is not named on the USGS plan and if the characteristic of the stream can be documented through the impoundment.

Attachment F is the latest FEMA flood map for the 100- and 500- year elevations from the MASS GIS system. Note that the entire site is within the 100 year flood plain including the house location. In fact the entire lot as shown is within the 100 year flood plain.

Attachment H is marked up from the plan of record. We note that the access road to the house is not from the owners lot but from the interior of the abutters lot. The only access from the Right of way is in the proposed location of the force main. This will cause additional wetland impacts to cross the stream located there.

The last attachment is some background regarding the relationship of beavers with the intestinal disease known as Giardia for reference.

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