



ENGINEERING SUCCESS **TOGETHER**

December 19, 2017

Michael Kulesza – Chairman
Town of Norfolk – Zoning Board of Appeals (ZBA)
One Liberty Lane
Norfolk, MA 02056

Re: Norfolk, MA – The Preserve at Abbyville/Abbyville Commons
Comprehensive Plan – Supplemental Stormwater Review

Dear Mr. Kulesza:

BETA Group, Inc. (BETA) has completed its review of supplemental stormwater management information submitted by the Applicant. The Applicant had previously addressed various comments related to the design and analysis of the proposed stormwater system for the Abbyville Commons and Preserve at Abbyville projects. Subsequent to the stormwater review and in response to other comments, the project design has been further modified. These modifications include a reduction in the overall number of lots and changes to the roadway configuration.

The Board requested that Applicant provide documentation of how the modifications affect the sizing of the proposed infiltration basins. The Board did not request a new submission of the Stormwater Report. The Applicant submitted a new post development watershed map and accompanying memorandum dated December 8, 2017 summarizing the changes to the watersheds based on the modifications to the site layout. We offer the following based on our review of the provided information.

- Each of the three (3) post development watersheds are reduced in overall area as compared to the previous design.
- The impervious area within each of the three (3) post development watersheds is reduced as compared to the previous design.
- The infiltration basins as previously proposed are adequate to accommodate the runoff from the revised design.

The information provided is acceptable to demonstrate that the proposed stormwater management design is adequate for the current layout as revised and can meet the performance standards as presented in the Massachusetts Stormwater Policy. The final design plans should reflect the necessary revisions to the drainage layout for the revised design.

If you have questions about any of the preceding comments, please feel free to contact me at (401) 333-2382.

Very truly yours,
BETA Group, Inc.

A handwritten signature in dark ink, appearing to read 'William P. McGrath, P.E.', is written over a light blue horizontal line.

William P. McGrath, P.E.
Senior Associate

cc: Amy Brady – Norfolk Zoning Clerk