
December 14, 2022

Methuen Community Development
c/o Kathleen Colwell, Planning Division Director
41 Pleasant Street
Methuen, MA 01844

**RE: Definitive Subdivision-Guzman Lane
Engineering Department Comments**

Dear Members of the Board,

We are in receipt of a review letter for the above referenced project dated November 16, 2022 prepared by Engineering Department Administrator Stephen Gagnon. We have reproduced Mr. Gagnon's comments below in *italics* with our response noted below in **bold**.

1. *The plan depicts drywells and infiltration trenches on each lot to mitigate the increase in stormwater runoff from development. Appropriate calculations should be provided to demonstrate the proposed facilities have sufficient capacity to mitigate the increase in runoff up to and including the 100-year event. Suitable test pit information should be included.*

Response: The proposed project is exempt from the State's Stormwater Standards, as these standards do not apply to single family developments of four or fewer lots. The list of waivers submitted to the Board includes a waiver from the Board's stormwater requirements in the Subdivision Rules and Regulations as a "road" is not being proposed, but instead two single family residential driveways. As no road is being proposed the stormwater water mitigation measures (roof recharge systems, driveway runoff recharge trench) are more than sufficient for two single family dwellings, which would typically not be subject to any stormwater mitigation measures.

2. *A note on sheet 6 states the driveway for Lot 2 is to be sloped away from the infiltration trench. Is this correct?*

Response: The arrow on the Lot 2 driveway has been adjusted to match the grading and intent of the design, which is to have the runoff sloped towards the infiltration trench.

3. *Slopes steeper than 3h:1v should be protected with a suitable erosion control blanket.*

Response: A erosion control blanket detail has been added to the revised plans and a note added to the plans requiring slope protection where slopes exceed 3h:1v.



4. *Erosion control should be provided along the east boundary of the site*

Response: The erosion control was extended along the east boundary along Hampstead Street.

5. *Crushed stone construction entrances should be provided for each lot.*

Response: A crushed stone construction entrance has been added to the revised plans for each lot and a construction entrance detail added to the plans.

If you have any questions concerning these latest revisions, or require anything further, please feel free to contact me at your convenience.

Sincerely,

Andover Consultants Inc.

A handwritten signature in black ink that reads "Dennis A. Grieggi". The signature is fluid and cursive, with "Dennis" on the top line and "A. Grieggi" on the bottom line.

Dennis A. Grieggi, P.E., LEED AP

Enclosures