



Town of Ramapo
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MICHAEL SADOWSKI, PE
Superintendent of Public Works

March 25, 2025

Ms. Allison Weinraub
Village Clerk New Hempstead
8 Old Schoolhouse Road
New City, NY 10956

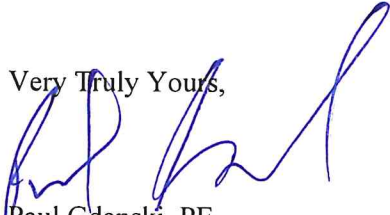
Re: Union Road Townhomes
Tax Map Section 50.05-1-11.2

Dear Ms. Weinraub,

Our office is in receipt of and has reviewed a plan prepared by Atzl, Nasher and Zigler for the above referenced project which was last revised March 11, 2025. We thank you for the opportunity to comment on this plan. Our comments are as follows:

- 1) The complete design of the sewer connections, cast iron inverts, inverts at cleanout and invert at main.
- 2) The existing drainage that runs through the area of Gloria Drive should be shown.
- 3) Sewer profiles with crossings are needed.
- 4) The design calculations don't follow the Town's requirements for sewer studies. Specifically we require 150 GPD per bedroom.
- 5) The calculations don't indicate the existing wet well size and storage capacity if the pumps were not to be working.
- 6) Typically we require 24 hour storage capacity in our proposed pump stations. In this case we would require at least the same if not more response time from when the high level alarm trips to when the sewage starts backing up into the main(s). Discussion should be made as to the amount of storage available now and what it will be when the pumps are changed. Second, we want to make sure that if/when you upgrade the pumps that the discharge doesn't overwhelm the gravity lines downstream.
- 7) Sizing of all parts of the system including the muffin monster must be provided.
- 8) The proposed construction is shown so close to the property that makes it difficult to construct.
- 9) We calculate the pipe capacity at 665,676 GPD with your proposed flow of 935,957 GPD. Therefore, there would not be enough capacity.
- 10) We recommend setting up a meeting to go over all the materials submitted as the pump station layout is unacceptable and capacity of the main appears to be an issue.
- 11) We will provide further comments once more complete plans are provided.

Very Truly Yours,



Paul Gdanski, PE
Engineer II

File: Union Road Townhomes