## CHRISTOPHER G. BELL, P.E.

GENERAL CIVIL AND STRUCTURAL ENGINEER 1 Doane Road HIGGANUM, CT. 06441 TEL: (860) 345 - 7337

September 14, 2023

Mr. Jim Hallisey Zoning Agent Town of Andover 17 School Road Andover, Ct. 06232

Re: Gravel Pit Report Map 33 block 36 Lot 23 and 24 Johnathon Trumbull Highway Andover, Ct.

Dear Jim,

One behalf of the applicant William Genovese, I responding to your letter to me of May September 7, 2023 regarding the gravel pit. The responses are numbered in the order of your comments in the letter.

- 1. The amount of topsoil placed on the final grading was what was available from the on-site storage of the said layer. No topsoil was removed from the site. Although the final approved plan called for a 4" final layer the owner does not wish to bring in any additional topsoil. He feels strongly about this decision since the site has adequate vegetative growth and he actively trying to sell it. He has told me that prospective buyers do feel not have the need for additional topsoil since their plan to develop the site and would have to remove and relocate most of the topsoil. The owner has installed an additional silt fence along the existing access road for further protection from any erosion to the right as facing from the road.
- 2. The seeding did take as anticipated. The owner believes that the site is stable enough with the recently installed site fence and existing vegetation to progress to an expected transfer of ownership and have the next owner develop the site.
- 3. As stated in my report in May 2023, the final grading produced a total runoff area from the gravel pit flowing toward the right as looking from the road, of approximately 15% less than the drainage area on the approved site plan of August 15, 2023. I have included a copy of the segment of approved plan and the as-built plan showing this. Please note the cross hatched areas shown. If the Commission wishes to approve the existing grading, the as-built plan was already submitted in March of this year. If they wish keep to the approved grading plan of August 2022 that shows more drainage water going to the right when they wanted less water, I believe that would have to be justified.

Thank you for your consideration.

Respectfully submitted,

Christopher G. Bell, P.E. Copy: W. Genovese