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September 29, 2021

Anthony Oliveri, P.E.
Dolph Rotfeld Engineering
570 Taxter Road, Suite 300
Elmsford, NY 10523

Re: Site Plan
18 Fairlawn Avenue
Dobbs Ferry – New York

Dear Mr. Oliveri:

We have received your comment letter dated August 2, 2021, and offer the following responses:

1. An existing conditions survey has been included in the submission package.
2. The proposed development includes the construction of a pool, spa, and patio in the rear yard. The runoff from the entire impervious area will be conveyed to a proposed infiltration system designed to fully accept (no release) the entire stormwater runoff volume up to the 100-year storm event and ex-filtrate the runoff into the surrounding soil sub-strata. This results in a decrease of the overall runoff off the property.
3. The stormwater plan has been revised to provide proposed elevations and spot grades. See sheet C-1.
4. Inverts, rim elevation and piping information has been provided on the plans. See survey and sheet C-1.
5. The plans have been revised to provide inlet protection. See sheet C-1 & C-2.
6. More information on the existing manhole has been provided on the survey.
7. The following note is included in the site notes section as note 7: "A street opening permit shall be obtained for all work within the right-of-way."
8. The plans have been revised to provide site plan notes indicated in the site plan checklist and site plan application. See site notes in sheet C-1.



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9. A minimum distance of 10' has been provided between the infiltration chambers and the property lines. A non-permeable geomembrane liner barrier has been provided between the infiltration chambers and the pool and spa.
10. Information regarding the draining and drawdown of the pool has been provided. See sheet C-1.
11. Details regarding the termination or connection of the roof drains have been provided on the survey. The Pre-Development condition in the "Stormwater Management Plan & Drainage Analysis" has been revised accordingly.
12. The impervious area used for modeling in the HydroCAD has been revised accordingly.
13. The infiltration system has been changed from Cultec chambers to StormTank chambers to better fit the property constraints.
14. A concrete washout has been provided on the plans. As stated in note 8, "No stockpile shall be stored on-site. All materials shall be carted off-site after use.
15. The 6" overflow has been provided in the HydroCAD model.

If you should have any additional questions or comments, please do not hesitate to contact our office at (914) 909-0420, or via email at abdulazeez@hudsonec.com.

Sincerely,

Abdulazeez Yusuf, E.I.T.
Project Engineer