



March 2, 2022

AI Engineers
Dolph Rotfeld Engineering Division
570 Taxter Road, Suite 300
Elmsford, NY 10523

Attention: Anthony Oliveri, P.E.

Reference: Site Plan Review
110-150 Draper Lane
Village of Dobbs Ferry
RACE Project No. 2021121

Dear Mr. Oliveri:

RACE COASTAL ENGINEERING (“RACE”) on behalf of the Applicant, 110-150 Draper Owners Corp., is pleased to provide the additional data that was requested in your February 23, 2022 memorandum to the Village of Dobbs Ferry Planning Board. The information you requested is shown in italics below and the response follows.

1. Provide an erosion and sediment control plan and details as well as stream protection during construction.

The contractor will prepare the site by furnishing and installing the necessary sedimentation and erosion (S&E) control measures along the eroded bank in accordance with the New York Guidelines for Urban Erosion and Sedimentation Control. S&E tools may include but are not limited to a construction fence, silt fence and hay bales.

It is anticipated that excavated earth, imported materials, and debris uncovered during construction will be stockpiled and will be surrounded by silt fences and/or hay bales when not in use. To protect Wicker’s Creek during construction, it is anticipated that the contractor will place hay bales and/or silt fences along the toe of the proposed rough graded slope prior to regrading the eroded slope and installation of the riprap revetment.

Notes regarding the construction requirements for Erosion & Sedimentation Controls were included on the plans presented as part of the application. If additional information is required, the project plans will be revised accordingly pending additional discussion during the March 3, 2022 Planning Board meeting.

2. The plan details should include the restoration of fill at and around the existing sewer main on the westerly embankment of Wickers Creek. The plan should indicate the location of the sewer pipe and provide inverts and elevations. Stone revetment shall not come into contact with the sewer main pipe or structures.

The existing sewer main located along the westerly embankment of Wicker’s Creek is the responsibility of the Village per the Village easement dated February 1939. The Applicant is not responsible for the maintenance of the existing sewer main and is seeking to perform emergency stabilization of the severely eroding bank. The Applicant may work in conjunction with the Village, should they wish to perform

restoration of fill at or around the existing sewer lines that may be required above and beyond what the Applicant needs to stabilize the bank.

As was indicated in previous correspondence to the Village's Consultant and the Village staff, the existing conditions are too precarious to survey the details of the sewer main as requested. As noted on the plans, we will prepare additional design for this area as may be required once the debris is removed and further assessment can be made. In addition, it is noted on the plans that the contractor shall temporarily stabilize the utilities during construction. To date, the Applicant has been told that they are not even allowed to clean up debris without this permit, so we find it difficult to advance the plans any further given this restriction. We need the approvals to get started as well as cooperation from the Village to move forward with this project with the understanding that it will require on-going assessment by the engineers (Village's engineers included) and adjustments made by the contractor as field conditions are revealed and the work progresses.

RACE notes the request above that no stone shall come into contact with the sewer pipe and agrees with this statement.

- 3. Details indicate a substantial amount of fill to be placed. A cut and fill estimate should be provided. All imported construction fills, and aggregates shall be clean and conform with the soil constituent concentrations for unrestricted use as specified by the NYSDEC DER-10 Part 375 Standards.*

The proposed emergency stabilization of the bluff will require approximately 100 CY of bank fill and approximately 650 CY of bank cut. The approximate quantities of materials, including cut and fill, are provided on sheet 3 of 4 of the project plans titled "Emergency Bank Stabilization" revised February 4, 2022.

It is understood that all imported construction fills, and aggregates shall be clean and conform with the soil constituent concentrations for unrestricted use as specified by the NYSDEC DER-10 Part 375 Standards. A project note will be added to the project plans following the March 3, 2022 Planning Board meeting.

- 4. The site plan must include access and staging areas during construction.*

The project plans will be revised accordingly pending additional discussion during the March 3, 2022 Planning Board meeting.

- 5. Note that when the bank stabilization is performed, the Village will perform inspections of any work at and around the existing sewer main.*

It is understood that when the bank stabilization is performed, the Village will perform inspections of work at and around the existing sewer main.



Thank you in advance for your timely review. Please contact the undersigned with any questions.

Very truly yours,

RACE COASTAL ENGINEERING



Hailey Simpson
Coastal Engineer

Copy: David Guerrero - 110-150 Draper Owners Corp. (Applicant/Owner)
Azure Dee Sleicher, P.E. – RACE Coastal Engineering, Inc. (Agent)

Enclosures: N/A

