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July 25, 2017

Mr. Jay Sheers, Chairman
City of Beacon Planning Board
1 Municipal Center
Beacon, NY 12508

Re: Edgewater Site Plan and Subdivision
Tax IDs 5954-25-566983, 574979, 582985, & 5955-19-590022
City of Beacon, New York

Dear Chairman Sheers:

On behalf of the Applicant for the above referenced project, Hudson Land Design (HLD) has revised the plan set in response to Lanc & Tully's June 8, 2017 comment letter, and John Clarke Planning and Design comment memorandum dated June 7, 2017. Aryeh Siegel has provided responses to Mr. Clarke's memorandum. Below is a point-by-point response to the engineering comments received, specific to the Stormwater Pollution Prevention Plan (SWPPP). Please note that several of the comments are being addressed by other consultants.

Lanc & Tully June 7, 2017 Comment Letter

SWPPP Comments

Please note that a final SWPPP will be provided once the layout has been generally accepted by the board. The intent of this submittal is to provide responses to certain SWPPP components that will be incorporated into an updated compiled final SWPPP in a future submittal.

1. Infiltration test results will be provided in the final SWPPP.
2. The WQv calculations have been based on the 1.4 inch rainfall value per Figure 4.1. Calculations have been provided with this submittal.
3. Hydrodynamic separator sizing will be provided in the final SWPPP.
4. The bioretention detail has been updated to clearly show the depth of the soil layer.
5. The spillways have been shown on the plans. Bioretention Area 1 has been re-designed to such that the 100-year storm does not have any discharge from the spillway. The HydroCAD output for this area is being provided with this submittal, and will be incorporated into the final SWPPP.
6. The vegetated swale is an accepted green infrastructure technique for runoff reduction and has been designed in accordance with the Stormwater Management Design Manual section 5.3.3. The entire subcatchment area contributing to bioretention area 2 is conveyed by the swale. Due to its location on

HSG B soils, a runoff reduction credit of 20% is applied. Supporting calculations will be provided in the final SWPPP.

7. The tables and supporting calculations will be updated and provided in the final SWPPP once the layout has been accepted.

Please find enclosed the following materials for the Planning Board's consideration at your next available regularly scheduled meeting:

- Plan Set – Engineering Sheets 10 & 14 (5 copies);
- Select stormwater calculation sheets (3 copies); and
- Copy of the above materials on CD

We look forward to continuing discussing the design details of the project with you and your Board members. Should you have any questions or require additional information, please feel free to call me at 845-440-6926.

Sincerely,



Michael A. Bodendorf, P.E.
Principal

cc: Weber Projects, LLC
Aryeh Siegel, AIA
Jon D Bodendorf, P.E. (HLD File)