

## MEMORANDUM (2)

**TO:** Stephen Hunter, Planning Board Chairman

**CC:** Planning Board Members  
Melissa Gilbon Ferraro, Village Administrator  
Dan Roemer, Building Inspector  
Dan Pozin, Planning Board Attorney  
Valerie Monastra, Village Planner

**FROM:** Anthony Oliveri, P.E.

**DATE:** August 31, 2022

**RE:** Site Plan Review  
20 Laurel Hill Road  
Village of Dobbs Ferry

With regard to the above-mentioned project, this office has reviewed the following plans and submittals:

- Planning board submittal, (Engineering Documents and HydroCad) stamped received by the Village, Aug 26, 2022
- Site Pan (Rear Patio), created by Angela Loffa RLA, Last updated 8/25/2022
- Letter to Planning Board from Angela Loffa RLA, dated 8/25/2022

This plan has not been reviewed by this office for compliance with the zoning code.

Project Description: Proposed stone Patio, Stone Steps, Stone Seat walls & piers.

Our comments are as follows:

1. Provide a detail for the 8"x8" drain inlet which includes a sump for water quality.
2. Provide the elevations for the following,
  - a. RIM and invert for all drainage structures.

- b. Top of unit, invert, bottom of unit, and bottom of stone for the Cultec units shown on the site plan.
  - c. Front and Back of the patio.
- 3. Prior to installation of the Cultec units, field verify that there is a 3' separation between the bottom of the proposed units and any groundwater or bedrock.
- 4. The site plan, stormwater calculations, and HydroCAD should agree with regard to invert elevations, and total impervious square footage.
- 5. The HydroCAD is modeled incorrectly incorporates a 10"x10" vertical orifice as the primary outlet device. The model should be corrected, it is noted however, that the system is not effected by this and is sized appropriately for the 25year storm event.

The applicant should provide annotated responses to each of the comments outlined herein with any subsequent submissions. We will be happy to continue our review once responses are provided.

Thank you