




"The Bedding Plant Capital of Connecticut"

TOWN OF CHESHIRE

Department of Public Works and Engineering
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DATE: May 26, 2020
TO: Inland Wetlands
FROM:  Engineering Department
SUBJECT: Lamp Realty, 50 Hazel Dr., Proposed Lakeside of Cheshire Apartment Building Complex

This office previously reviewed the drainage calculations for this development as part of the Applicant's P&Z submission. Consistent with that review, we have the following comments:

1. We would like to see soil testing performed in the area of the stormwater basins and 4'x4' gallery excavations to determine the high groundwater elevations, with documentation of adequate separation distances provided in a revised report. In addition, for the northeasterly basin the outlet pipe diameter should be increased to 24" due to the absence of an emergency spillway.
2. For the northeasterly basin (OS 110), the outlet pipe diameter should be increased to 24" (similar to OS 120) due to the absence of an emergency spillway.
3. Additional detail should be provided that illustrates and confirms the connection of the existing 15" storm sewer from Hazel Drive into the 2,500 gallon sediment chamber. In addition, this detail shall also show the removal of any abandoned pipe.
4. We recommend that a high-visibility safety fence be installed in front of the perimeter sediment barriers to protect against possible failure related to the extensive earthwork.