



## *Department of Public Works*

*Town of Durham  
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# *Memorandum*

**From:** April Talon, P.E., Town Engineer  
Richard Reine, M.S.C.E., CA, Director of Public Works

**Date:** April 13, 2021

**To:** Durham Planning Board

**Subject:** Comments from the Dept. of Public Works | Yates Electric Site Expansion

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The following comments are provided by the Town of Durham Department of Public Works (DPW) regarding the proposed Site Expansion for Yates Electric as described in the Site Plans and Drainage Analysis provided by Altus Engineering dated April 7, 2021. We reserve the ability to provide additional comments.

1. The current site is approximately 1.97 acres and has 21,868 SF of impervious surfaces which includes the pavement and building areas. The rain garden/bioretenion area will reduce peak flows and treat runoff from 74% of the total site impervious area including the new impervious surfaces from the building and driveway. The proposed stormwater management system has been designed to more than exceed the required capacity per the Stormwater Regulations. The design also includes a vegetated swale and stone drop strip around the perimeter of the building.
2. All stormwater management infrastructure shall be designed and installed in accordance with Design Standards of the Durham Site Plan Review and Subdivision Regulations, and shall be owned, operated and maintained accordingly by the property owner to protect the quality of existing onsite and offsite water resources and wetland habitat.