

# Criscuolo Engineering, LLC

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James M. Pretti, Jr., P.E., L.S., Member  
Robert A. Criscuolo, P.E., L.S., (1957-2018)  
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Consulting Engineers  
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## MEMORANDUM

**To:** Kristine Sullivan  
**From:** James M. Pretti, Jr., P.E., L.S., Member  
**Date:** March 14, 2022 to  
**Re:** The Enclave at Woodbridge  
10 & 14 Merritt Avenue  
Woodbridge, Connecticut



**CE File No:** 2022-400-01

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The following items were received for review:

- Engineering Response from John Paul Garcia and Associates, P.C., Dated March 4, 2022, In response to review comments from Criscuolo Engineering Letter of 2-8-2022
  - Listing of Amount of Fill in Flood Plain by John Paul Garcia and Associates, P.C., dated 3/3/2020
  - Sheet C-3: "Site Development Plan, The Enclave at Woodbridge, 10 & 14 Merritt Avenue, Woodbridge, Connecticut", prepared by John Paul Garcia and Associates, P.C., dated 9/10/21, revised to 3/7/2022.
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The following are our comments:

### Flood Plain

The applicant's engineer has addressed the compensatory storage volume requirements.

### Inland Wetlands

Note will be addressed on revised plans.

### Stormwater

1. Addressed
2. Addressed
3. Addressed

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4. Test pits were conducted verifying the groundwater table at approx. 5 feet from the surface.
5. It does appear that deficiencies with the DOT drainage system along highway has historically contributed to some localized flooding problems. My understanding is that DOT has been notified of this in the past with no results.
6. JPGA shared with me a copy of the plans for bridge that was replaced on Merritt Avenue. The previous drainage studies were done prior to this work. Based on the evidence presented, I agree with JPGA assessment of the flooding.

General

Comments #1 & #3 are addressed.  
Cannot yet comment on #2 and #4.