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March 28, 2018

Eric Knapp  
Zoning Enforcement Officer  
Town of Clinton  
54 East Main St  
Clinton, CT 06413

**SUBJECT: 18 Nod Road**  
**Application SE/CAM 18-007**  
**DTC No.: 16-157-126**

Dear Mr. Knapp:

As requested, we have completed our review of plans and application materials provided for the above referenced application. The information reviewed consisted of the following:

- Plan set entitled "Site Plan Prepared for 18 Nod Road LLC, 18 Nod Road, Clinton, Connecticut"; consisting of 3 sheets; dated January 15, 2018, revised through February 14, 2018, prepared by: Thomas Stevens and Associates, Inc., scale 1"=20'.
- Miscellaneous application materials including:
  - Clinton Zoning and CAM Application Forms
  - List of Professionals
  - Clinton Fire Marshal Application
  - Ground Coverage Sheet
  - Abutter List
  - Architectural Plans prepared by Williams Architects
  - Wetland Delineation Report, dated January 26, 2018, prepared by Soil Resource Consultants.
  - Connecticut River Area Health District B100a Application
  - Statement of Use Narrative with revision

Based on this review, we offer the following comments:

1. The application information that we received did not include sufficient information on stormwater management for us to determine the potential impacts of this development on downstream municipal storm drainage systems and neighboring property owners. Pre and post development runoff calculation are needed from the Developer to properly assess these impacts. The site plan does contain calculations sizing the proposed stormwater management features considering 1" of runoff from impervious areas. This information is not sufficient to evaluate potential net increases in site runoff. The proposed improvements significantly increase impervious areas over the existing site conditions. Also, the existing site drainage currently sheet flows from the site in the southeasterly direction. The proposed site

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- runoff is being directed to a Town drainage system in Nod Road which discharges northeasterly onto private property. The effects of this diversion on the Town drainage system and downstream properties must be fully evaluated to ensure that this new drainage flow will not have an adverse effect.
2. It appears that a short wall is being proposed along the southeast property line. This wall should be labeled with top and bottom of wall elevations, and a detail of the proposed wall should be provided.
  3. The site plan shows grading and ESC that appears to cross over onto the property to the south. Please clarify
  4. Details are needed on the proposed stormwater management galleries.
  5. Design of the northerly stormwater management gallery system includes a low level outlet from the central catch basin, with overflows from the galleries discharging through the CB to the outfall. The invert differential is only 0.26' between the diversion and the overflow. Calculations are needed showing that the system will function as intended, and that this 0.26' flow depth is sufficient to divert all of the proposed catch basin flows into the galleries.

Please review the above comments with the Board, and contact the undersigned if you have any questions.

Sincerely,



J. Andrew Bevilacqua, P.E.  
Associate & Manager of Civil Engineering  
**DTC, Inc.**

cc: Thomas A. Stevens & Associates (via e-mail)