

December 9, 2020

Mr. J. Andrew Bevilacqua, PE
Town Engineer
Town of North Haven
Memorial Town Hall
18 Church Street
North Haven, CT 06473

**RE: Engineering Comments
 Inland Wetlands Meeting of November 18, 2020
 #I20-07 – 343 & 379 Clintonville Road
 Site Plan – Elderly Housing Development
 MMI #2709-13-15**

Dear Mr. Bevilacqua:

We are in receipt of your review comments for the above-mentioned public hearing and offer the following responses:

- C1. The proposed improvements include nearly one-half acre of disturbance within the upland review area. The Applicant should be prepared to discuss alternate development schemes which limit the amount of disturbance within the upland review area.

- R1. The plans have been revised to have significantly less disturbance in the upland review area. In accordance with discussions with the Wetlands Commission, the clubhouse and parking for Tuscan Villa have been relocated to allow for the basin to shift away from the wetlands area.**

- C2. The proposed ground cover between the New England Erosion Control/Restoration Mix area, and the edge of the wetlands should be specified. The Commission should consider if additional plantings in this area are warranted as mitigation for the extensive disturbance proposed in the upland review area.

- R2. The plantings around the basin and the upland review area buffer have been revised; additional plantings have been provided.**

- C3. A number of test pits appear to have been performed throughout the site. The result of these test pit investigations should be provided, particularly in the area of the proposed stormwater management basin. The easterly portion of the basin will require a cut in excess of six feet, and the existing depth to seasonal high groundwater in this area is critical to understanding the function of the proposed basin.

- R3. The test pit logs have been added to the existing conditions plan.**

- C4. Specifically incorporate the construction of the stormwater management basin, temporary sediment basins, diversion berms, and stone check dams into the project construction sequence.
- R4. A construction sequence has been added to the title sheet incorporating requirements for S&E installation.**
- C5. The proposed drainage system including drainage structures, pipe, GPS, sediment forebay, and overall stormwater management basin shall be thoroughly cleaned of sediment and debris after full stabilization of the site has been achieved.
- R5. A note to clean the proposed drainage system and stormwater management area has been added to the construction sequence.**
- C6. A stormwater management plan shall be provided detailing the long-term inspection and maintenance requirements of all components of the drainage system including the stormwater management basin.
- R6. A stormwater maintenance program has been added to the grading and utilities plan.**
- C7. Wetland markers are needed along the limits of the wetlands. The location of the proposed markers should be discussed with the Commission.
- R7. Comment noted; this will be discussed with the Inland Wetlands Commission.**

Please do not hesitate to contact me if there are any further questions or comments.

Very truly yours,

MILONE & MACBROOM, INC.



Ryan McEvoy, PE, Associate
Lead Project Engineer, Civil

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