

June 25, 2020

Ms. Meghan N. Lally, Chair
Andover Inland Wetlands and Watercourses Commission
17 School Road
Andover, CT 06232

RE: IWWC 20-21 12 Webster Lane

Dear Ms. Lally,

As requested, I performed a review of the following documents received for the above referenced project.

- Preliminary Plan entitled “Proposed First Division, 12 Webster Lane, Andover/Hebron, CT” prepared by Civil Engineering Services, LLC, dated 8/26/19, Sheet 1 of 1
- Letter from Jim Hallisey to Manual Correia, dated 5/6/20
- Letter from Gerald E. Hardisty, P.E. to Mr. James Hallisey, dated 5/22/20
- Site visit photos

Following are review comments consideration by the Commission.

1. It is noted a substantial portion of the site is located within a regulated wetland/watercourse or upland review area. A review of the plan indicates there are reasonable alternatives to reduce impact and/or proximity to the wetlands such as:
 - a. Rotation of the proposed house.
 - b. Alternate CTDPH approved leaching systems which would provide an increased effective leaching area with a smaller footprint, such as the Geomatrix GST6212.
 - c. Reversing the location of the proposed primary and reserved areas.
2. Show a 100' URA for the confined wetlands to the west. Confirm if these areas are vernal pools.
3. Provide E&S details and notes on the plan in accordance with the 2002 CT Guidelines for Soil Erosion & Sediment Control.
4. It is presumed the teal dashed line represents silt fence. This line should extend the full length of the driveway as wetlands are downgradient. Add additional silt fence at the interior property corner to protect the wetland areas to the west. Label silt fence or add it to the legend for clarity.
5. No run-off from new impervious surfaces (gravel & roof) should be directed towards the isolated wetland to the west. If it is, drainage computations should be provided to ensure there is adequate capacity within depression to accommodate any increase in volume without impacting the existing property.
6. The application states a disturbance of 0.27 ac within the 100' URA. A review of the plan supports a value closer to ± 0.40 ac. Please confirm and add a limit of disturbance to the plan for clarification.

Ms. Meghan N. Lally, Chair
June 25, 2020

IWWC 20-21
12 Webster Lane

Page 2

7. Provide a north arrow.

Should you have any questions, please don't hesitate to contact me at (860) 367-7264.

Sincerely,

A handwritten signature in blue ink that reads "Brandon". The signature is written in a cursive, slightly stylized font.

Brandon Handfield, PE
Civil Engineer