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June 30, 2021

EARTH EXCAVATION APPLICATION NARRATIVE

RECEIVED

For:
The Angeloni Residence
Parcel #4420004 / #4 Vermillion Drive
Avon, Connecticut

JUL - 1 2021

**Planning Department
Town of Avon**

1. The subject site consist of one existing 4.42-acre residential building lot in the RU-2A residential zone at the northeast corner of the intersection of Vermillion Drive and Oak Bluff in Avon, Connecticut. At present the lot is wooded and vacant (no structures).
2. There are several areas of wetlands soil and two watercourses on the site that have been field-delineated by a soil scientist and located by a surveyor. An application to the Avon Inland Wetlands Commission was recently approved for construction activities on this site.
3. The non-wetlands soils on the site in the vicinity of the proposed excavation consist of "Wethersfield Loam" and "Ludlow Silt Loam", which are both moderately-drained soils and are generally not characterized by shallow depth to bedrock.
4. In order to develop this lot, it is necessary to create a building pad for the proposed house, yard, driveway and other amenities. This work will require a considerable amount of site grading, resulting in approximately 18,200 cubic feet of earth material to be removed from the site. Therefore it is necessary for the applicant to request a Special Exception from the Avon Planning and Zoning Commission as per Section III.H of the Avon Zoning Regulations.
5. At this point the excavation and earth removal is anticipated to begin in June 2022 and will be completed in September 2022, which will allow time for the disturbed areas to be loamed, seeded and mulched before winter.
6. It is estimated that earth removal will involve three dump trucks per hour from 8:00 am to 5:00 pm on Mondays through Fridays (twenty-seven truck-trips per day), and work will occur on weekdays only (no work shall take place on weekends or holidays). The trucks will leave the site and go west on Oak Bluff to Waterville Road, then proceed north to Route 44 or south to Farmington. Assuming 18-yard dump trucks are used, approximately 1,150 truck-trips total will be required for the entire excavation, and these trips will take place over approximately nine weeks (three months).

7. A 35-foot minimum Class "B" Bufferyard is required and will be provided around the south, west and north property lines. At most locations the bufferyard will consist of existing vegetation and is greater than the minimum width required, but at certain locations some proposed plantings will be required.
8. An "Erosion and Sedimentation Control/Construction Sequence Plan" has been prepared which indicates the various E&S measures to be installed during construction, and the sequence of implementation. "The Connecticut Guidelines for Soil and Sediment Control" (2002 or as amended) shall be considered the minimum standards for E&S control on this site. Additional E&S control measures shall be implemented as/if required by the Design Engineer and/or the Town of Avon during construction.
9. The owners and contractor shall be responsible for installing adequate erosion and sedimentation control measures prior to the start of construction, and all E&S control measures shall be inspected on a regular basis and maintained in proper working condition throughout the entire course of the project.
10. Before any excavation occurs, a bond in a form and amount satisfactory to the Town Engineer shall be posted by the applicant to guarantee the restoration of the site and to cover erosion and sedimentation control during the operation.