

September 03, 2024

Mary Young  
Planning & Zoning Director  
Town of Westport  
110 Myrtle Avenue  
Westport, CT 06880

**RE: 39 Burr Farms Road, Westport, CT,  
Engineer's Narrative**

Dear Mrs. Young,

The subject property is located on the west side of Burr Farms Road. The property is in a residential zone classified as "AA." The property contains a single-family residence, attached garage and a driveway to access Burrs Farm Road via a shared accessway.

The owner is proposing to construct new patio areas with associated retaining walls and regrading. A portion of the fill material will be excavated from the site during the installation of the proposed subsurface drainage system. The fill activity will extend beyond 25' of any structure, thus the attached excavation and fill application.

At this point we would like to list the technical data of how the proposed improvements meets the Planning & Zoning Excavation and Fill Standards under §32-8.

1. All proposed manmade earth slopes do not exceed the 5'H to 1V maximum allowed.
2. No grading will occur within 5' of the property lines.
3. Proper surface drainage has been proposed. The historic surface flows will be maintained as no surface water is being trapped uphill of the property and no additional runoff is being directed off site.
4. **No** portion of the lot will be filled more than 10' maximum.
5. The activity will not exceed the maximum Excavation or Fill amount as formulated in §32-8.2.2.  
Max Allowed:  $(53,887 * 0.25 * .50 * 10) / 27 = 2,494 \text{ C.Y.}$   
Total Excavation and Fill amount combined: **85 C.Y < 2,494 C.Y**  
Excavation and Fill beyond 25 ft of structures: **85 C.Y**  
Excavated material from Proposed Subsurface Drainage System on site: **13 C.Y.**  
Material imported: **72 C.Y.**

In Conclusion, the Excavation and Fill Application has been filed because the grading package will extend passed the allowed fill envelope under the Exempt activities listed in §32-8.1.2 of the Planning & Zoning Regulations. Based on the above, it is my professional opinion that the established grading scheme fully complies with the Town of Westport Planning and Zoning Excavation and Fill Regulations included under §32-8.

Please feel free to contact me directly with any questions or comments.

Sincerely,



Jim Kousidis, P.E.,  
CT Lic. #26830