

July 6, 2022

MEMORANDUM

To: Suzanne Simone, Environmental Planner
Conservation Commission

From: Daniel A. Pennington, Town Engineer/ Manager of Physical Services 

Re: 30 Mountain Road Drainage Improvements

The Engineering Division has reviewed the application materials for the proposed drainage improvements associated with the new residence that is currently under construction at 30 Mountain Road, last revised on June 16, 2022, and the related drainage computations last revised April 9, 2022 prepared by Trinkaus Engineering LLC and offers the following comments:

1. Review of the drainage computations indicates that the proposed storm water management system will reduce peak stormwater discharge from this property to approximate pre-development conditions.
2. Professional Engineer certification statement should be provided per Town Flood Zone Regulations indicating that there will be no incremental fill placed in the flood zone.
3. Riprap size for the apron to be installed in the watercourse needs to be clarified. Certain sheets indicate modified riprap while other sheets state 12-inch diameter riprap. Clarify and update all notes for consistency.
4. Rim elevations for the proposed catch on the south side of Mountain Road and the outlet control manhole for the underground detention system need to be revised to reflect the more detailed topographic survey information recently provided.
5. The maintenance plan for the stormwater management systems located on sheet 5 should include a note in the title indicating that this work is to be performed by the private property owner.
6. The detail for the existing catch basin at end of proposed wet swale located on sheet 5 should be modified to clarify the type of structure and top being utilized. A typical DOT catch basin top is 10 to 12 inches thick and would block the flow line of the upper 4" orifice indicated on the detail.

7. The western property line of #30 Mountain Road should be staked by a land surveyor along the area of the proposed grading prior to the start of construction in order to reduce the potential for work to extend into the neighboring property of #14 Mountain Road.
8. The construction sequence located on sheet 6 should be amended to indicate that a land surveyor shall stake out the proposed stormwater management system improvements as well as western property line of #30 in the areas of proposed grading. This narrative should also be revised to reflect the proposed gas test pit, water handling plan implementation, installation of the proposed endwall, and installation of the proposed catch basin with the Mountain Road right-of-way.
9. A right-of-way permit from the Town of Glastonbury Engineering Division must be obtained by the excavator who will be performing the installation of improvements within the Town right-of-way.
10. Guiderail repair work shall be coordinated such that this work can be completed within 7 days of the guiderail being removed for installation of the proposed endwall and drainage pipe installation. Information regarding the contractor handling the guiderail repair work shall be submitted as part of the right-of-way permit application.
11. An improvement location survey of the completed improvements within the public right-of-way shall be prepared by a licensed land surveyor and submitted to the Town Engineering Division for review and acceptance.
12. It is noted that resolution of the issue of concern will alleviate a public safety issue associated with winter icing conditions on Mountain Rd. Accordingly, the Town would intend on allowing work shown within the Town road Right of Way assuming Commission approval and an acceptable owner application for a Right of Way permit through the Engineering Division.

July 6, 2022

Inland Wetlands and Watercourses Commission
Plan and Zoning Commission

Re: 30 Mountain Road
Wetlands and Flood Zone Permit Applications

Dear Commission Members,

This letter is to serve as acknowledgement that the above referenced wetlands and flood zone permit applications involve work on wetlands or watercourses on Town property on the north side of the right-of-way for Mountain Road abutting #21 and #30 Mountain Road. The town grants permission for the applicant to apply for this permit with the understanding that the applicant takes full responsibility for all work performed on town property to ensure its completion to the satisfaction of the Town Engineer, and that all conditions of approval for said permits are strictly adhered to.

Sincerely,

Richard J. Johnson, Town Manager