



March 1, 2021

Mr. Don Nolte, Engineering Operations Manager  
Town of Cheshire  
84 South Main Street  
Cheshire, CT 06410

Dear Mr. Nolte:

Anchor Engineering Services, Inc. received the following information:

- Plan set for 1530 Notch Rd Residence; IWWC Permitting (sheets G0.0, C1.1, C2.1, C3.1-C3.3, A1.1- A1.6, A3.1- A3.3) dated 02/05/2021 and prepared by Summer Hill Civil Engineers and Centerbrook Architects;
- January 31, 2019 Cheshire P&Z Commission approval letter with attached staff comment conditions.

Based on a review of the submitted information, we offer the following comments:

1. The architect's exterior elevation plans reference a base flood elevation (BFE) of 453'-4". The source of this calculated elevation should be submitted and referenced on the plans. Add the calculated flood boundary line onto the plans including any variations in the elevation across the property to ensure that the entire proposed septic system is outside of the boundary.
2. The plans show existing HVAC and an above ground propane tank within the floodplain. These utilities should be relocated above the BFE or floodproofed and certified in accordance with Section 46 (Flood Plain Management Regulation) of the Cheshire Zoning Regulations.
3. Please note if the existing well is to be maintained. The proposed garage appears to impact the well house.
4. The property shown for development includes two parcels. The two parcels need to be combined into one, otherwise the proposed driveway for the freestanding garage is on a separate parcel and the proposed garage would be within the 40-foot side yard of the larger parcel.
5. As noted in the previous engineering comments, the architect should address the need for any floodproofing measures for the basement and any other structural features proposed below the BFE. In addition, we agree with the previous recommendation that an as-built survey certified that the structure has been elevated to above the base flood elevation be submitted to the Town prior to the issuance of a certificate of occupancy.

If you have any questions regarding the above comments, please contact me at (860) 633-8770.

Sincerely,

Lead Engineer