



Bushnell Associates, LLC

Civil Engineering • Land Surveying



April 16, 2021

To: Town of Andover Planning and Zoning Commission

From: Andrew Bushnell PELS. Bushnell Associates LLC.

Re: Special Permit Application of 57 Hendee Rd. LLC

Commission Members,

Per your request I have prepared the following summary summarizing how the construction of a new single-family residence as proposed by the Special Permit application of 57 Hendee Rd. LLC will comply with the Requirements of Section 10.7 of the Town of Andover Zoning Regulations.

Section 1 General Standards:

1. The house will be anchored to the foundation with anchor bolts as typically used in standard construction practices (Note that based on the type of house construction the connection of the house to the foundation will be located at an elevation of 2ft. above the 100-year flood elevation). The septic tank will have an anti-buoyancy collar installed to prevent flotation.

2.) The septic system leaching fields will be constructed of heavy-duty infiltration units. The septic tank will be sealed water tight will be constructed with water tight cleanouts with access ports located above the 100-year flood elevation.

3.) As noted in 1&2 new construction shall be constructed by methods and practices that minimize flood damage.

4.) All electrical, heating, ventilation, plumbing, air conditioning equipment and other service facilities shall be placed above the 100-year flood elevation (Note that the lowest elevation of the proposed house shall be located 2ft. above the 100-year flood elevation)

5.) The top of the well casing shall be placed at an elevation of 1ft. above the 100-year flood elevation to prevent infiltration of flood waters into the water supply system.

6.) The septic tank and access risers shall be sealed water tight and the top of the access risers shall be at an elevation above the 100-year flood elevation.

7.) The septic tank and access risers shall be sealed water tight and the top of the access risers shall be at an elevation above the 100-year flood elevation. The septic system leaching fields will be constructed of heavy-duty infiltration units. The septic tank will have an anti-buoyancy collar installed to prevent flotation.

8.) N/A

Section 2 Specific Standards:

- 1.) The lowest floor of the proposed house shall be located elevation 325.50 (2ft. above the 100 -year flood elevation of 323.50)
- 2.) The proposed house will not be a manufacture home
- 3.) The proposed house is intended for residential use only
- 4.) The proposed development is not located within a floodway area

Section 3 Standards for Streams Without Established Base Flood Elevations, Floodways and/or Flood Mapping:

N/A Base Flood Elevation and Floodway location have been established

Should you have any questions about the proposed project or require additional information please feel free contact me.



Andrew Bushnell PELS

Bushnell Associates LLC.