

## MEMORANDUM

To: Michael Harrington, Insurance, Health, Environment,  
Buildings & Grounds Chair  
Robert Kosin, Village Administrator

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From: Daniel J. Strahan, P.E., CFM  
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Date: July 25, 2014

Re: Board of Health Meeting- Wednesday, July 23, 2014  
Septic System Variances

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On Wednesday, July 23, 2014 the Board of Health met to consider two variance applications for septic systems at 39 Brinker Road and 66 Brinker Road. A special meeting was called after the regularly scheduled meeting on Tuesday, July 15, 2014 was cancelled due to lack of a quorum. The meeting was attended by Chairman Gwynne Johnston, Anne Majewski, M.D., and Shirley Conibear, M.D.

### *66 Brinker Road*

Technical information for the septic system design was presented by the applicant's engineer, Peder Finnberg of Heritage Land Consultants. The existing home at 66 Brinker Road is being torn down and reconstructed, and plans have been prepared to replace the existing septic system. Septic plans were initially received and reviewed by GHA on June 9, 2014. In order to meet the required 24" vertical separation from the limiting layer, the septic design engineer proposed a Type V mound septic system. As the Village Code does not include design criteria for this type of system, the system was designed in accordance with Lake County septic design standards and a variance was requested.

Upon review and consideration of the documents, the Board approved a variance to allow the mound septic system at the property in question.

### *39 Brinker Road*

Technical information for the septic system design was presented by GHA. The applicant had appeared at the regular meeting on July 15 when only two board members were present, but was unable to attend the rescheduled special meeting. A permit to repair the existing septic system at 39 Brinker Road was received on May 21, 2014 and reviewed by GHA. In order to meet the required 24" vertical separation from the limiting layer, the septic design engineer proposed a Type IV at-grade mound septic system. As the Village Code does not include design criteria for this type of system, the system was designed in accordance with Lake County septic design standards and a variance was requested. The design included provision of a curtain drain to lower the ground water in the vicinity of the septic system. As the curtain drain was shown connecting to a downstream storm sewer located on a neighboring property (currently owned by relatives of the applicant), the Board requested that notation be made on the title of the neighboring property clarifying the requirement to maintain the existing drainage improvements.

Upon review and consideration of the documents, the Board approved a variance to allow the at-grade mound septic system at the property in question.

cc: Board of Trustees