VILLAGE OF BARRINGTON HILLS

Board of HealthNOTICE OF MEETING



Tuesday, July 15, 2014 ~ 7:30 pm Training Room - 112 Algonquin Road

AGENDA

- 1. Organizational
 - 1.1 Call to Order
 - 1.2 Roll Call
- 2. [Recommend] Septic Variance
 - 2.1 66 Brinker Road
 - 2.2 39 Brinker Road
- 3. Public Comment
- 4. Trustee's Report
- 5. Adjournment

Chairman: Gwynne Johnston

Next Regular Meeting Tuesday, August 12, 2014

NOTICE AS POSTED



July 11, 2014

Mr. Peder Finnberg Heritage Land Consultants 758 Ridgeview Drive McHenry, IL 60050 850 Forest Edge Drive, Vernon Hills, IL 60061 Tel 847.478.9700 ■ Fax 847.478.9701

820 Lakeside Drive, Suite 5, Gurnee, IL 60031 TEL 847.855.1100 ■ FAX 847.855.1115

www.gha-engineers.com

Re: Septic Review- 66 Brinker Road

Review #3

Dear Mr. Finnberg:

Our office has reviewed the permit submittal for the proposed five-bedroom residence at the above referenced address. Based on our review additional revisions are needed prior to approval. Our review is based on HLC Project # 2014-110 SEP, revised July 7, 2014. Original comments remaining to be addressed are included below for reference with additional commentary in bold.

1. A Type V (mound) system has been proposed in order to meet the required 24" separation from the limiting layer, found to be at a 14" depth within the proposed septic area. Based on the Village Code a variance from the Board of Health would be required to allow a mound system. The next two regular Board of Health meetings are scheduled for Tuesday, July 15th and Tuesday, August 12th. The applicant should contact the Village Clerk to request that this item be placed on an upcoming agenda.

It is understood that this item will be on the Board of Health agenda for Tuesday, July 15th.

3. Provide a handrail and/or suitable barrier for the portions of the retaining wall that exceed 3' in height (adjacent to the proposed residence). In addition, if not already submitted with the architectural plan submittal a structural engineering plan signed and sealed by a structural engineer shall be provided for portions of the wall exceeding 3' in height.

Comment not addressed.

The above review comments are provided based on the engineering information provided. Additional comments may be generated as the final plans and associated materials are submitted. Please include with the final engineering submittal a cover letter with a written response to each of the above comments.

Sincerely,

Gewalt Hamilton Associates, Inc.

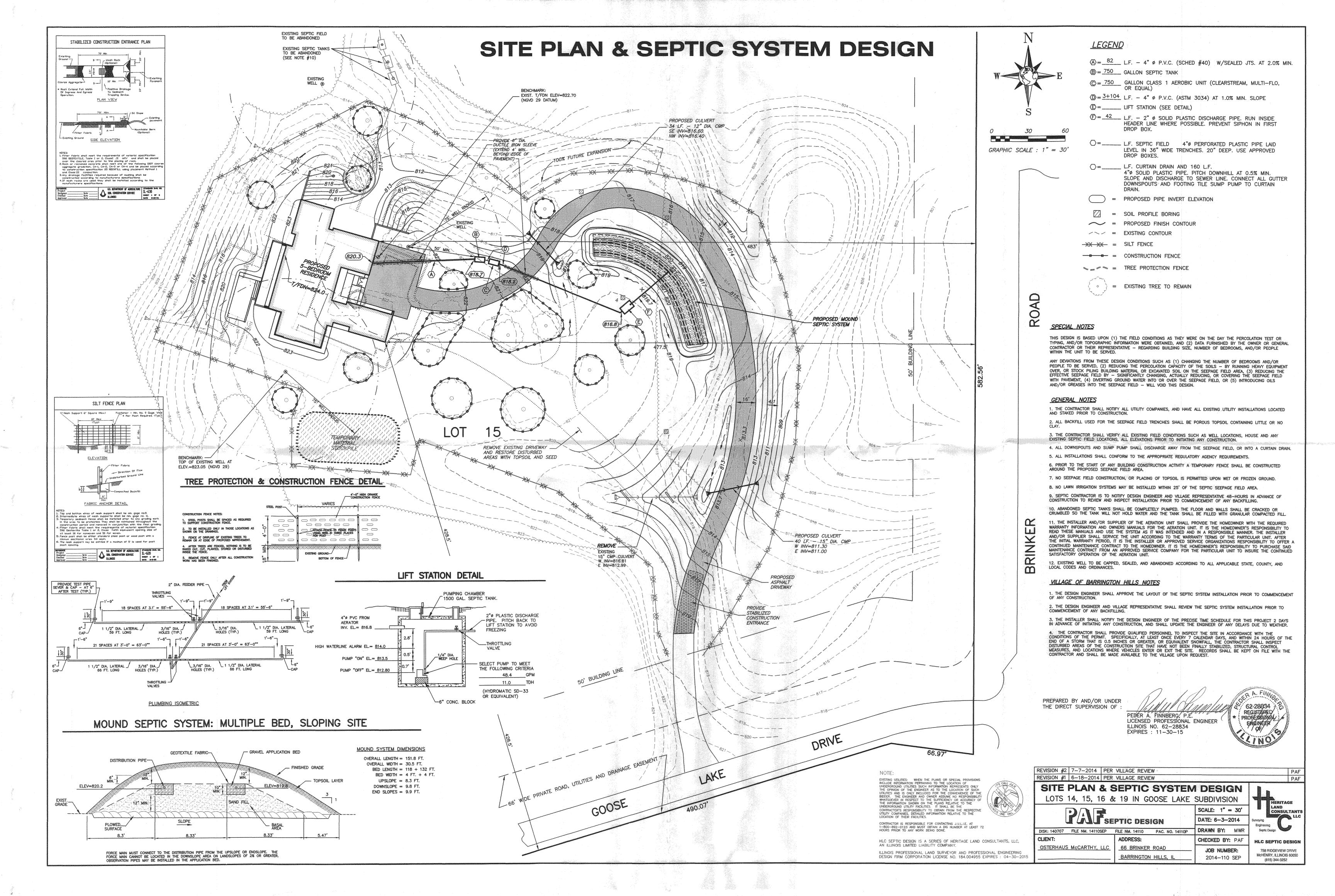
Vail Q. Stuh

Daniel J. Strahan, P.E., CFM

Village Engineer

cc: Wendi Frisen, VBH

Scott Osterhaus, Osterhaus McCarthy, LLC, Owner's representative





June 9, 2014

850 Forest Edge Drive, Vernon Hills, IL 60061 TEL 847.478.9700 ■ FAX 847.478.9701

820 Lakeside Drive, Suite 5, Gurnee, IL 60031 TEL 847.855.1100 ■ FAX 847.855.1115

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Mr. Jon M. Tack RST Engineering, Inc. 847 Victoria Drive Woodstock, IL 60098

Re: Septic System Replacement - 39 Brinker Road

Review #1

Dear Mr. Tack:

Our office has reviewed the permit submittal for the proposed septic system replacement at the above referenced address. Based on our review additional information and revision is needed prior to approval. Our review is based on RST Job No. 14-016, dated April 21, 2014 and received by the Village of Barrington Hills on May 21, 2014.

It is noted that unauthorized fill was placed on the site in 2007. The property owner followed up with a permit application and several plan revisions were submitted that included the unauthorized fill along with proposed modifications to the pond on the property, but these plans never received final approval. The unauthorized fill appears to have affected surface drainage and limited the amount of suitable soil remaining for this property as well as the property at 45 Brinker Road.

- 1. A Type IV (at-grade) system has been proposed in order to meet the required 24" separation from the limiting layer, found to be at a 17" depth within the proposed septic area. **Based on the Village Code a variance from the Board of Health would be required to allow the proposed at-grade system**. The next two regular Board of Health meetings are scheduled for Tuesday, July 15th and Tuesday, August 12th. The applicant should contact the Village Clerk to request that this item be placed on an upcoming agenda.
- 2. An "unofficial" soils report was received prior to application of the permit, but the final soils report has not been received. Provide a copy of this information for review.
- 3. Indicate invert elevations and slopes for the proposed curtain drain system.
- 4. It is recommended that the septic system shift to the northeast to take advantage of the minimal suitable soils that remain on the site.
- 5. It appears that the design calculations are based on the methodology developed by the Lake County Health Department for at-grade systems. This methodology is acceptable pending

approval of a variance by the Board of Health, but if this is the case, it is recommended that a LCHD worksheet be provided for the system to demonstrate compliance with this criteria.

The above review comments are provided based on the engineering information provided. Additional comments may be generated as the final plans and associated materials are submitted. Please include with the final engineering submittal a cover letter with a written response to each of the above comments.

Sincerely,

Gewalt Hamilton Associates, Inc.

Dail J. Stuh

Daniel J. Strahan, P.E., CFM

Village Engineer

cc: Wendi Frisen, VBH

Fred Hoffman, Owner 39 Brinker Road

