

**SHIEBLER DESIGN DRAFTING SERVICES, LLC**  
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December 23, 2002

Phyllis King  
Coldwell Banker  
2 Ash Street  
Hollis, NH 03049

Re: Foundation Investigation

2 Ash Street, Hollis, NH

Dear Phyllis,

On December 18, 2002 at approximately 9:30 AM, I visited the structure at 2 Ash Street in Hollis NH to investigate the east foundation wall to determine it's relative structural integrity. The following are my observations and comments about this wall;

- I was told that the house dates back to the 1750's
- Wall consists of approx. 5 feet tall and 26 feet long "field stone" with a "cut granite" stone cap, which is characteristic of construction during this period.
- This wall appears to be roughly 20" thick.
- There is a poured concrete slab at the basement floor level.
- At approximately the mid-length of the wall, there is a small window hole that has been boarded up, presumably to save on heat loss during the cold months.
- It appears that, at some stage in the life of this wall, it has moved inward about 6 to 8 inches near the mid-length. This is exactly where you would
- expect it to move since this is where maximum bending occurs in any structural element.
- There are some mortar patches between some of the "field stones" in this location suggesting an attempt at limiting any further movement. It is unclear to me when these patches were installed, but it appears that it was not a recent event.
- There was no evidence of any water or sand filtering through this wall at this location.

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I believe the cause of past movement in this wall may be due to a prior drainage problem, resulting in frost pushing in on the wall during the cold months of the year. The present owner told me they have not noticed any movement in this wall in the 14 years they owned the building. This, along with my observations listed above, suggests that the drainage problem has been solved and no further movement is expected.

Due to the facts that this wall is a "gable-end" wall and not significantly structurally loaded, and that there is no evidence in the structure above this wall of any recent movement, causing no damage to any of the finish materials, I feel this wall will not propose any dangerous or catastrophic events to the structure or it's inhabitants.

Thank you for this opportunity to be of service. If you have any questions or need further assistance, please call me anytime at 487-5564.

Russell Shiebler

A handwritten signature in black ink that reads "Russell Shiebler". The signature is written in a cursive style with a large, prominent initial "R".

Shiebler Design Drafting Services, LLC