

# HALLOWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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12 June, 2002

Mr. Oliver Tolksdorf  
Harnett County Environmental Health  
307 West Cornelius Harnett Blvd.  
Lillington, NC 27546

Reference: Lot 73, Victoria Hills II  
Septic System Design Revision

Dear Mr. Tolksdorf,

A site investigation and septic system layout was conducted for the above referenced property located in Victoria Hills II subdivision on the east side of Lafayette Road (S.R. 1443), Black River Township, Harnett County, North Carolina. The purpose of the investigation was to determine the ability of this lot to support a gravity driven initial septic system in lieu of a pump system previously permitted for a three-bedroom home. Public water supplies will be utilized for this lot. A partial foundation drain will be possible, if so desired. As we discussed on site, a gravity driven conventional system to three 133-ft drainlines appears possible behind the house. The repair septic system would pump to the five 80-ft conventional drainlines that you proposed in the field at the back of the lot.

Attached is the septic system layout for this lot. I trust that this report provides all the information that you require at this time. If you have any questions or need additional information, please contact me at your convenience.

Sincerely,



Laura J. Fortner  
Soil Scientist In Training III

SEPTIC SYSTEM LAYOUT DESIGN : FIELD SHEET

Project/Site: Lot 73, Victoria Mills - Phase IV

Lot 73

# Bedrooms 3

Investigator Hal Owent Assoc.

House Footprint 40x50 Setbacks \_\_\_\_\_

Date June 5, 2002

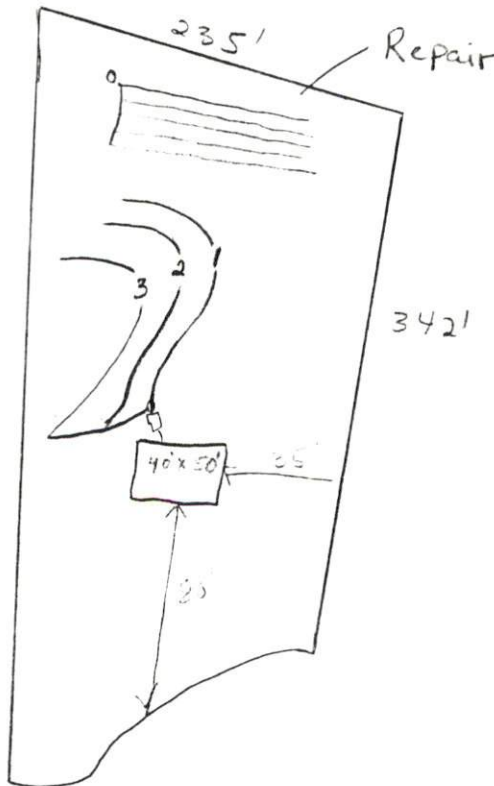
Slope: 6% Foundation Drain: YES NO

Line No.	Line color	Field Length	System Length	Field Elevation			Relative Elevation
				Setup #1	Setup #2	Setup #3	
1	Y	169'	133	5.60			
2	R	166'	133	6.05			
3	B	136'	133	6.69			
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
EIP Benchmark							100.0

PROPOSED SYSTEM:

Initial System, gravity  
 3 X 133 conventional on contour  
 @ 18 inches  
 LTAR 0.3  
 1000 gal S.T.  
Repair System pump  
 5 X 80" AS Hd previously  
 @ 18" (in field)  
 LTAR 0.3

Scale



(Not to scale)