HA OWEN & ASSOCIATES, C.
SOIL & ENVIRONMENTAL SCIENTISTS
P. O. Box 400, 266 Old Coats Road
Lillington, NC 27546
Phone (910) 893-8743 / Fax (910) 893-3594
E-mail: halowen@intrstar.net

18 June, 2001

Mr. Brian McSwain
Harnett County Environmental Health
P.O. Box 9
Lillington, NC 27546

Reference: Lot 23, Myrtlewood Subdivision
Septic System Design

Dear Mr. McSwain,

A septic system design was prepared for the above referenced lot on June 15, 2001. The site is located on the East Side of U.S. 421 on Timber Creek Lane, Grove Township, Harnett County, North Carolina. Our purpose was to design a septic system that would utilize the forces of gravity to conventional drainlines for the initial septic system and use the previously proposed initial system as the repair. The newly proposed initial system would be a gravity-driven conventional system to two 150-ft lines in front of the home with a pump to conventional drainlines for the repair (3-x 100-ft) behind the home.

Attached is the septic system layout and supporting information for this lot. We trust that this report provides all the information that you require at this time. It is our understanding that Dr. McCloy is scheduled in Harnett County this coming Thursday (6-20-01) and we will likely be meeting with you that morning. If you want to review the attached design proposal at the site we can likely get that accomplished after we finish our other work. If you have any questions or need additional information, please contact us at your convenience.

Sincerely,

Laura J. Fortner
Soil Scientist in Training II

Hal Owen
Licensed Soil Scientist

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Lot 23, Myrtle Wood

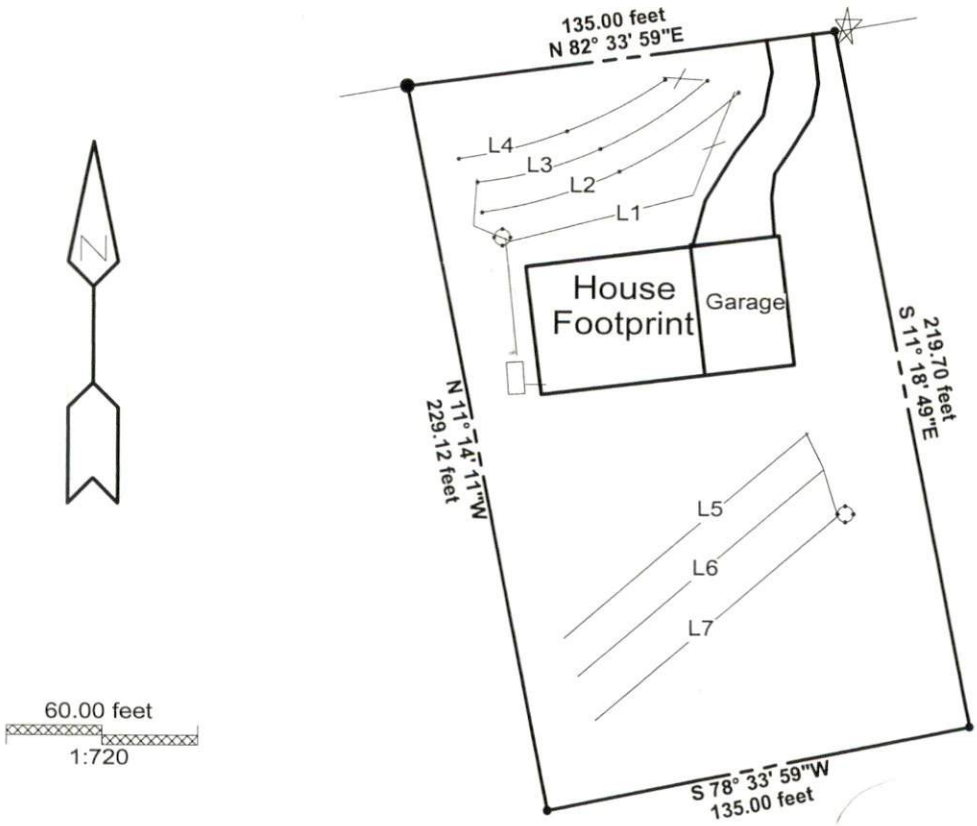
On-Site Wastewater Design Specifications

Prepared By:
Hal Owen & Associates, Inc.
Soil & Environmental Scientists
P.O. Box 400, 266 Old Coats Rd.
Lillington, NC 27546-0400
Phone: (910) 893-8743

House Footprint:40' x 80' (No Foundation Drain)
Bedrooms:3 w/ gravity-driven conventional initial
pump conventional repair
Initial System:2 x 150' gravity-driven conv.
on contour at:18-24 inches
LTAR:0.4 gpd/sqft
Repair System:3 x 100' pump conv.
on contour at: 18-20 inches
LTAR:0.4 gpd/sqft

LEGEND

EIP	Septic Tank
Step-down	Pump Tank
Proposed Well	D-Box
Existing Well	Pressure Manifold



Lines flagged at site on 9-ft centers.

Initial/ Repair	Line #	Color	Drainline Length(ft)	Measured Field Line Length (ft)	Relative Elevation (ft)
Initial	1	R	60	60	101.57
Initial	2	Y	90	90	101.2
Initial	3	B	80	81	100.75
Initial	4	R	70	70	100.48
Repair	5	Health Department has this data with previous submittal			
Repair	6	Health Department has this data with previous submittal			
Repair	7	Health Department has this data with previous submittal			
		Total:	**300**	**301**	**EIP=0**