

HALLOWEN & ASSOCIATES INC.

SOIL & ENVIRONMENTAL SCIENTISTS

P. O. Box 400, 266 Old Coats Road
Lillington, NC 27546
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28 January, 2002

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

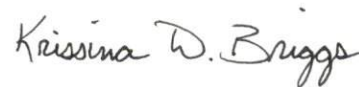
Reference: Septic System Design
Barkley Shea Arnold Property, Lot 8

Dear Mr. McSwain,

A site investigation was conducted for the above referenced property on 24 January 2002. The site is located on the eastern side of Spring Lane (a.k.a. Lois Lane, S.R. 1498), Buckhorn Township, Harnett County, North Carolina. The purpose of the investigation was to determine the ability of this lot to support a subsurface sewage waste disposal system for a typical three-bedroom home utilizing public water supplies. A well is located along the left property line that will need to be abandoned. A swale should be constructed along the right property line to divert water around the septic system and home. The proposed design for the initial septic system is a pump to conventional drainlines (see attached septic system layout). Because this is a grandfathered lot, a repair area is not required; however, some additional usable space is available should repairs be necessary in the future.

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,



Krissina D. Briggs
Environmental Scientist

Lot 8 Spring Lane (aka Lois Ln) -- Barkley S Arnold

On-Site Wastewater Design Specifications

House Footprint: 28ft X 70ft

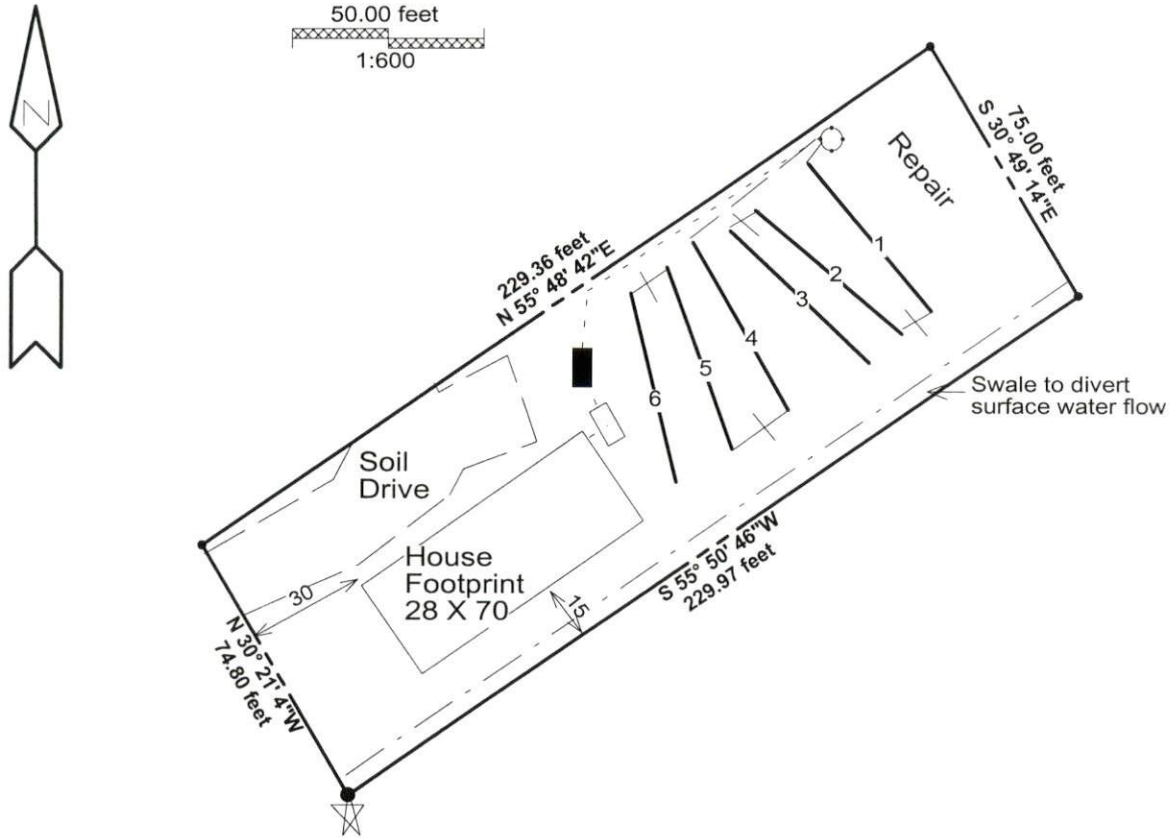
Bedrooms: 3

Initial System: 2 X 150ft Pump Conventional
on contour at 18 to 24 inches
LTAR 0.4 gal/day/sqft

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

LEGEND

☆	EIP	□	Septic Tank
- - -	Supply Line	■	Pump Tank
⊙	Proposed Well	○	D-Box
⊗	Existing Well	≡	Step Down



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	50	52	101.78
Initial	2	W	50	58	100.92
Initial	3	B	50	58	100.06
Initial	4	R	50	59	99.14
Initial	5	Y	50	63	98.47
Initial	6	W	50	65	98.04
		Total:	300	355	EIP=100

Provisionally Suitable Soils
for subsurface sewage
waste disposal

PHYSICAL SURVEY FOR
BARKLEY SHEA ARNOLD

DEED BOOK 1235 PGS. 576-578
LOTS 8 & 9 E.T. TUTOR LOTS
MAP BOOK 10 PAGE 32
58 LOIS LANE - BUCKHORN TOWNSHIP
HARNETT COUNTY - NORTH CAROLINA
SCALE: 1" = 50' - Sept. 25, 2001

0 25 50 100

BENTON DEWAR & ASSOCIATES
PROFESSIONAL LAND SURVEYORS
5920 HONEYCUTT ROAD
HOLLY SPRINGS, NC 27540
(919)-652-9813

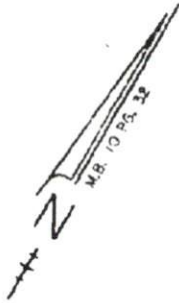


I, BENTON W. DEWAR CERTIFY THAT THIS PLAN WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT THE RATIO OF PRECISION IS 1:1000; THAT THE DIMENSIONS NOT SURVEYED ARE SHOWN AS DASHED LINES PLOTTED FROM INFORMATION FOUND IN BOOK 1235 PAGE 32; THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH G.S. 47-50 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE

REGISTRAR NUMBER AND SEAL THIS 25TH DAY OF SEPT. 2001

Benton W. Dewar
PROFESSIONAL LAND SURVEYOR L-3040

THIS PLAN IS OF A BOUNDARY SURVEY OF AN EXISTING PARCEL OF LAND THAT IS REGULATED BY A COUNTY OR MUNICIPALITY ORDINANCE THAT REGULATES PARCELS OF LAND.



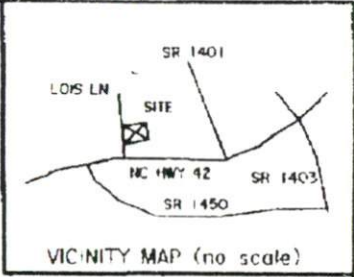
NOTES / LEGEND

AREA BY COORDINATES

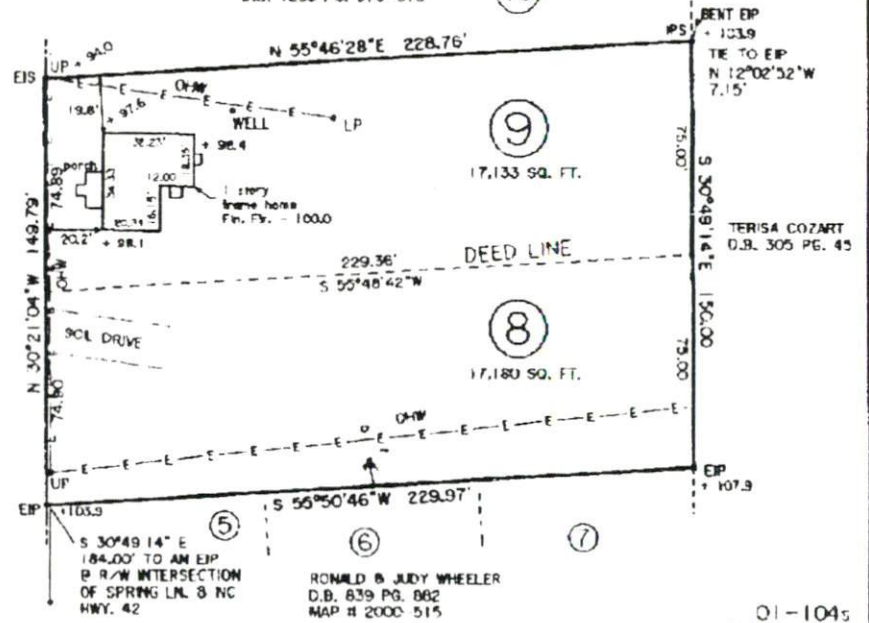
THIS LOT IS NOT LOCATED IN A FLOOD HAZARD AREA AS DETERMINED BY FEMA. MAP # 37085C0010 D: ZONE X; EFF. DATE 4/16/90

- EIS - EXISTING IRON STAKE
- EIP - EXISTING IRON PIPE
- IPS - IRON PIPE SET
- R/W - RIGHT OF WAY
- OH-W - OVERHEAD WIRES
- LP - LIGHT POLE
- UP - UTILITY POLE
- + 98.1 - SPOT ELEVATION

now or formerly
WALTER J. COVINGTON
D.B. 1235 PG. 576-578



NCSR 1498
SPRING LANE
a.k.a (LOIS LANE)
MAPPED 60' R/W



01-1045
8-6105-01-600