

Lot 8 Wynn Ridge

Initial System:

3 Bedroom House (Foundation Drain ^{NEEDED} Possible)
 Gravity driven conventional (2 x 160 ft)
 On contour at 18 inches 80
 LTAR: 0.75 gpd/sqft

Repair System:

3 Bedroom House (Foundation Drain Possible)
 Pump to ultra shallow innovative drainlines (300ft)
 On contour at 12 inches
 LTAR: 0.3 gpd/sqft

Lines flagged at site on 9-ft centers.

Initial/Repair	Line#	Line Color	Drainline Length(ft)	Measured Field Line Length(ft)	Relative Elevation(ft)
Initial	1	B	50	50	96.13
Initial	2	Y	30	35	95.62
Initial	3	W	33	33	94.98
Initial	4	B	27	29	94.08
Initial	5	Y	20	21	93.34
N/A	6	W	0	43	99.64
Repair	7	R	100	100	98.92
Repair	8	W	90	90	98.17
Repair	9	B	60	65	97.21
Repair	10	Y	60	60	96.2
Total:			470	526	☆ EIP = 100.00

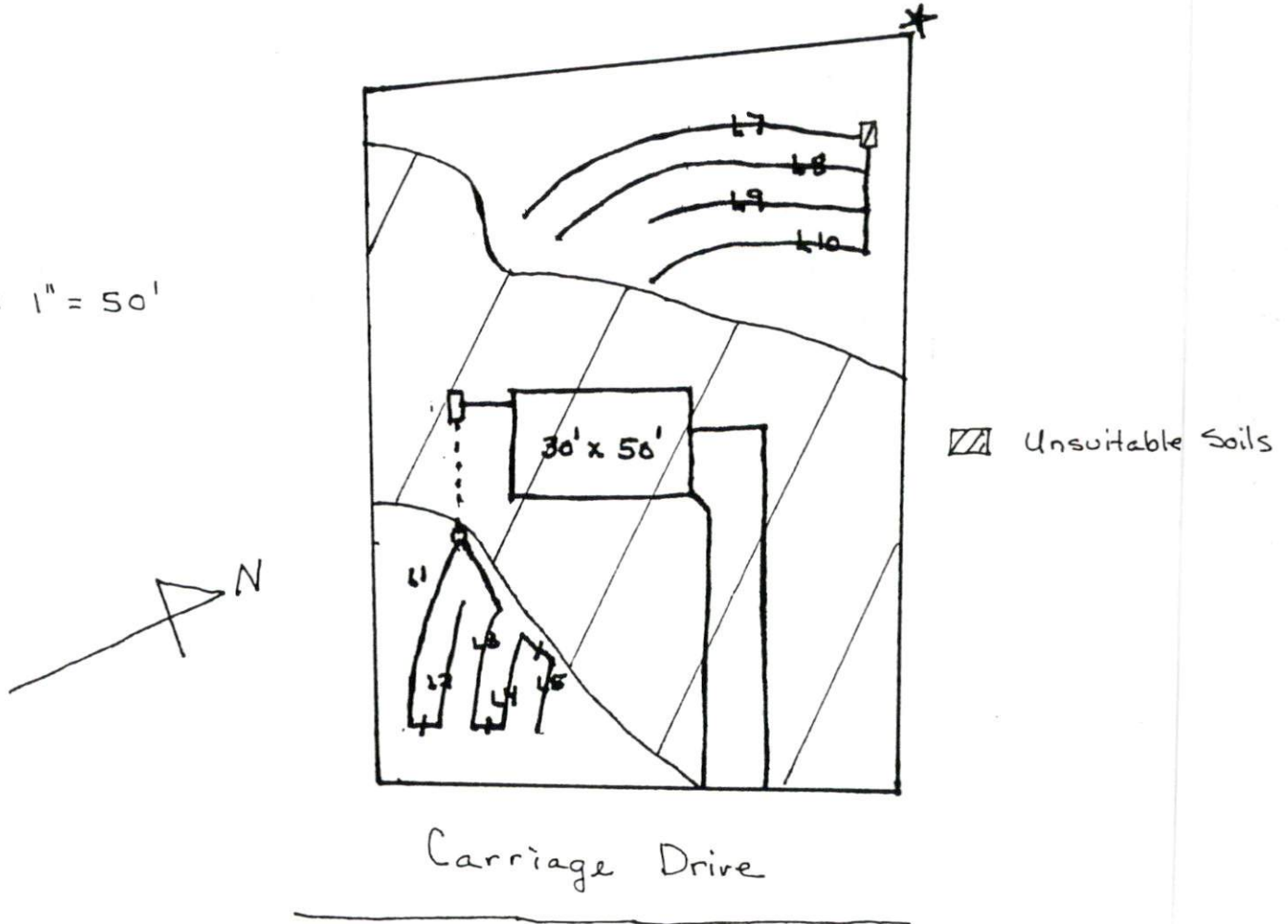
FOR REFERENCE OFF LINE LAYOUT
 ONLY!

Lot 8, Wynn Ridge

Prepared By:
Tal Owen & Associates, Inc.
Soil & Environmental Scientists
P.O. Box 400, Lillington, NC 27546
Ph (910)893-8743 Fax (910)893-3594

FOR REFERENCE OF LINE LAYOUT ONLY!

Scale: 1" = 50'



Map Legend

- | | | | |
|----|---------------|---|-------------|
| ☆ | EIP | □ | Septic Tank |
| ┌┐ | Step-Down | ■ | Pump Tank |
| ⊙ | Proposed Well | ○ | D-Box |
| ⊗ | Existing Well | ▨ | Manifold |

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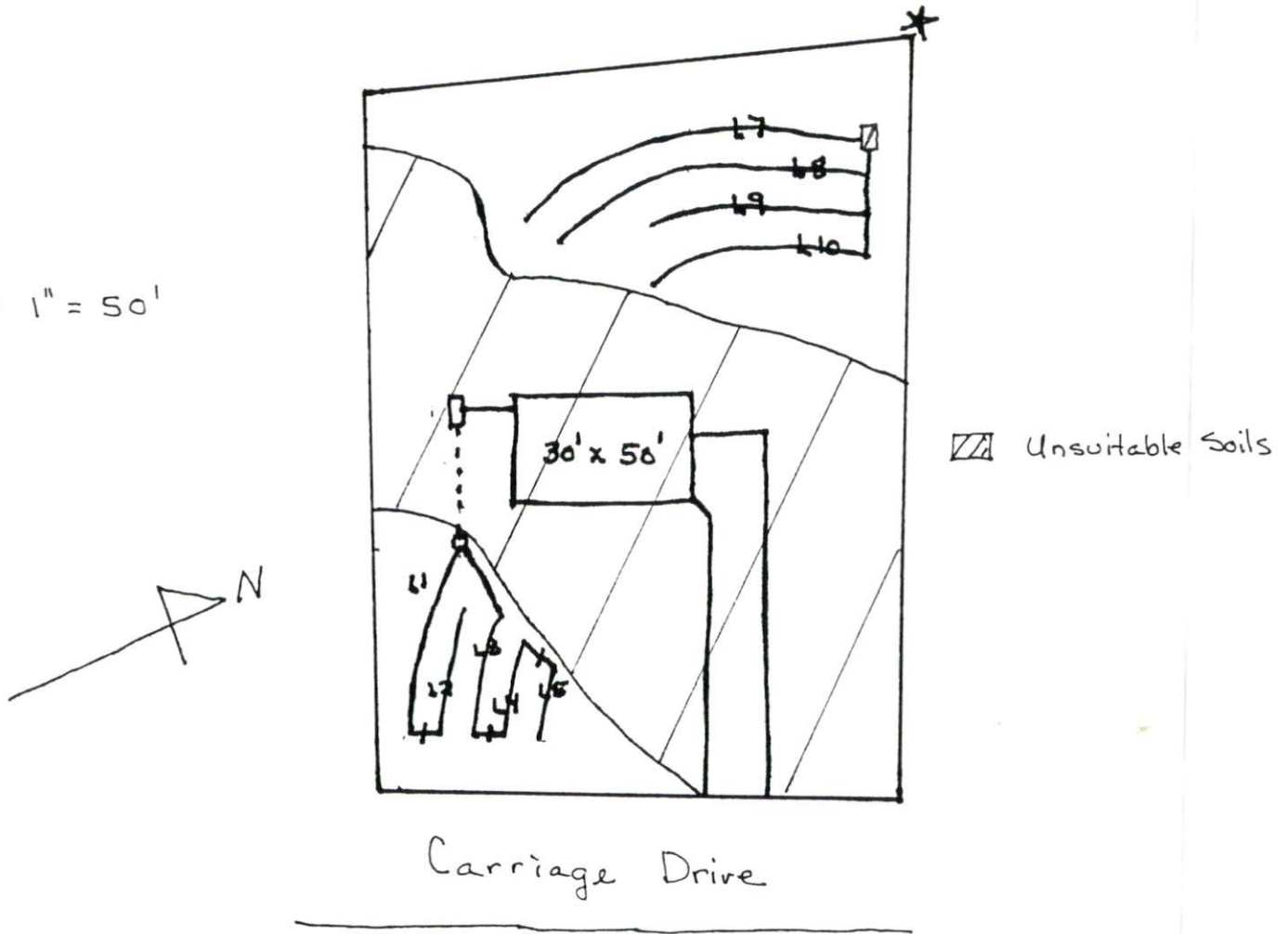
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HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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6 June, 2001

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

Reference: Lot 8, Wynn Ridge
Septic System Design

Dear Mr. McSwain,

A septic system design was prepared for the above referenced lot on June 4, 2001. The site is located on the west side of Carriage Drive off the North side of Old Stage Rd. (S.R. 1006), Harnett County, North Carolina. Our purpose was to redesign the previously proposed septic system upon your request due to site limitations as discussed at the site meeting with Hal Owen. The lot was demonstrated to be able to adequately support a subsurface sewage waste disposal system and 100 % repair area for a typical three-bedroom home. A foundation drain will be possible if so desired. The initial system proposed is a gravity driven conventional system. The repair will require a pump to a pressure manifold innovative septic system.

Attached are the septic system layouts and supporting information 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 II