DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ____ *of* ____
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 8-28-02
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: 312 A _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-9	gr bkn sbk fr sso/p many quartz rocks (surface)						.3
		9-22	sbk RC	fi ap sso/p					
		22-58	m-w blk kgr wk fr sso/p sop						
				sml sgp					
2	#10 ~10	0-9	mod sbk rckbl fr sso/p						.3
			gravelly sm on N wall						
3	#11 ~25	0-4	w sbk rckbl fr sso/p						.3
		4-41	m-w blk rckbl fr sso/p						
				Impeding layer					
4	#12 ~25	0-7	m sbk rckbl fr sso/p						.3+
		7-45	m blk rckbl fr sso/p sop						
		45-60	m-w gy sgp fr sso/p						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: _____

#13 0-10 SBK R rckbl fi-fr sso/p
10-30 m blk gr sbk fr sso/p .4
30-47 massive SL-m sso/p

	BEARING	DISTANCE
1	N 79°38'39" E	50.31
2	N 79°28'12" W	30.25
3	S 78°28'18" W	142.31
4	N 89°23'12" W	85.30
5	S 39°10'41" W	122.40
6	N 65°12'15" W	16.25
7	S 88°07'17" W	70.02
8	N 71°42'43" W	32.39
9	N 62°13'04" W	12.12
10	N 16°45'56" W	61.68
11	S 28°29'20" W	24.03
12	S 28°29'20" W	43.44
13	S 18°12'41" W	53.58
14	S 10°29'54" W	52.10
15	S 06°27'14" E	27.76
16	S 21°13'53" W	63.34
17	S 26°54'06" W	95.52
18	S 77°08'07" W	26.44
19	S 88°23'48" W	57.41
20	N 54°04'12" W	15.02
21	N 18°53'17" W	9.93
22	N 00°57'47" W	32.63
23	N 65°12'15" W	19.59
24	S 16°45'56" E	6.49
25	S 86°14'47" E	15.97
26	N 74°31'17" E	17.47
27	S 09°58'16" E	35.71
28	S 32°28'39" W	18.46
29	S 08°02'34" W	24.93
30	S 69°55'16" E	27.98
31	S 71°29'15" E	18.56
32	S 81°37'50" E	10.23
33	N 51°12'22" W	103.24
34	S 82°54'49" W	15.80
35	N 61°13'46" W	69.69
36	N 88°06'36" W	78.06
37	N 65°05'22" W	6.40
38	S 22°09'45" W	18.16
39	N 64°53'38" W	10.89
40	S 77°45'38" W	42.69
41	N 81°37'50" W	38.89
42	N 01°24'14" E	45.00
43	N 56°02'30" W	183.49
44	N 82°54'49" E	102.59
45	N 69°29'50" E	97.72
46	N 01°47'34" E	35.32
47	N 49°19'35" E	41.40
48	N 59°10'26" W	87.92
49	N 51°12'22" W	66.58
50	N 19°47'16" E	70.16
51	N 28°15'19" E	122.07
52	N 26°37'22" E	162.98
53	N 67°28'33" E	96.38
54	N 39°28'00" E	173.75
55	N 51°12'22" W	36.66
56	N 58°58'49" E	80.00
57	S 41°42'20" E	132.15
58	N 57°26'43" E	100.00
59	S 65°54'06" E	138.13
60	N 16°45'56" W	125.00
61	N 57°21'32" E	144.91
62	S 54°42'47" E	121.93

AREA IN R/W: 1.0270 ACRE

20 LOTS TOTALING: 16.5592 ACRE

LINEAR FEET OF ROAD: 765
(ON THIS PLAT)

SMALLEST LOT IS 0.3371 ACRE OR 14,684 SF

- IRON FOUND
- IRON SET
- CONCRETE MONUMENT

INDICATES STREET ADDRESS

PB 25 Pg 8
DB 974 Pg 889
DB 710 Pg 855
DB 733 Pg 657
DB 727 Pg 325

FRONT 35'
REAR 35'
SIDES 15'

REF: PB 25 Pg 8

* All Pipes 3"
SDR 13.5

NC GRID COORDINATES
N = 669,974.3705
E = 1,430,248.8652
PB 25 Pg 8 (NAD 83)

N/F
HELEN O. MISENHEIMER
DB 710 Pg 855

N/F
TONY CARL BROWN
DB 733 Pg 657
DB 727 Pg 325

N/F
SHAVENDER DEVELO
GROUP, LLC
DB 974 Pg 88

S 01°24'14" W 1201.34' (TOTAL)

TYPICAL BUILDING SETBACKS

314A 0.3772 AC 16,429 SF
313A 0.6265 AC 27,292 SF
312A 0.6265 AC 27,292 SF
309A 0.5305 AC 23,107 SF
311A 0.5301 AC 23,091 SF
308A 0.3426 AC 14,922 SF
310A 0.4161 AC 18,124 SF
307A 0.4204 AC 18,312 SF
306 0.9838 ACRE 42,853 ACRE
305 0.6887 ACRE 30,000 SF
313 0.6995 AC 30,471 SF
314 0.9167 AC 39,932 SF
315 1.8113 AC 78,901 SF
316 1.4416 AC 62,794 SF
312 1.0673 ACRE 46,489 SF
311 0.9984 ACRE 43,489 SF
310 1.1081 ACRE 48,270 SF
309 1.0597 ACRE 46,161 SF
308 1.1960 ACRE 52,096 SF
307 1.0078 ACRE 43,900 SF

326 PB Pg
325 PB Pg
324 PB Pg
323 PB Pg
304 PB Pg

PHASE THREE
SECTION A

PALMER MARSH PLACE
50' PUBLIC R/W

20' DRAINAGE EASEMENT

N 45°44'55" E 399.06'
N 45°44'55" E 231.56'
S 07°18'01" E 282.33'
N 29°19'35" E 340.17'
S 23°38'53" W 294.82'
N 29°19'35" E 218.65'
N 56°06'34" E 115.00'
S 56°06'34" W 230.00'
N 58°58'49" E 218.63'
N 16°45'56" W 92.00'
S 46°11'14" W 275.95'
N 16°45'56" W 196.60'
N 73°14'04" E 250.00'
S 73°14'04" W 250.00'
N 16°45'56" W 525.43'
144.26'
261.17'
120.00'
201.16'
327.00'

50' LAKE

761' FLOOD PLAIN (APPROXIMATE)

LAKE NORMAN SHORELINE
FOLLOWS 760' CONTOUR

N/F
DUKE POWER
(S.C. CAL
U.M.I. 264, DB

N/F
SHAVENDER DEVELOPMENT GROUP, LLC
DB 974 Pg 889

200' DUKE POWER EASEMENT

ZONING R/A
ZONING LINE
ZONING R/20

BACK OF CURB
50'
37.5'
R/W

CUL-DE SAC DETAIL
SCALE: 1" = 60'

LINE	BEARING	DISTANCE
L63	N 57°20'53" E	65.99
L64	N 63°54'40" E	26.01
L65	N 63°54'40" E	138.17
L66	S 21°49'31" E	92.29

AS OF THE DATE OF THIS RECOR
PLAT HAVE NOT BEEN INSPECTE
HEALTH DEPARTMENT. UNTIL IN
BUILDING PERMIT WILL BE ISSUE

72