Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 OF 1
PIN #: 4674-97-4943
Lot #: 16
Permit #: 169759
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: **LARRY LEWIS**
Address: **112 PELICAN CT.**
Proposed Facility: **SFR** Design Flow (.1949) **480 GPD**
Location of Site: **MECK NECK-6-16**
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: **NEWMAN MCDADE**
Date Evaluated:
Property Size: **.73 AC**
Property Recorded: **YES**

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	SOIL MORPHOLOGY .1941 1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
AB 1	LINEAR 4%	0-33	C,M,SBK	SS,FR	RED	48"	NA	48"+	.3
		33-48	CL,M,SBK	SS,VFR	RED				
AB 2	LINEAR 4%	0-36	C,M,SBK	SS,FR	RED	49"	NA	49"+	.3
		36-49	CL,M,SBK	SS,VFR	RED				
AB 3	LINEAR 4%	0-12	SAND,GR	NS,VFR	BROWN	48"	NA	48"+	.3
		12-40	C,M,SBK	SS,FR	RED				
		40-48	CL,M,SBK	SS,VFR	RED				
AB 4	LINEAR 4%	0-26	C,M,SBK	SS,FR	RED	48"	NA	48"+	.3
		26-48	CL,M,SBK	SS,VFR	RED				

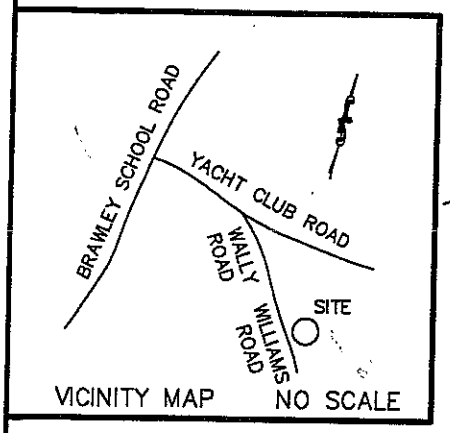
Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	G-25%	LP-50%
Site LTAR	.3	.3

Other Factors (.1946):
Soil Evaluation By: **BEN ALDRIDGE**
Others Present: **NEWMAN MCDADE**
Site Classification (.1948): **PS**
Site Evaluation By: **BEN ALDRIDGE**
Others Present: **NEWMAN MCDADE**

my hand and seal on the 7, day of DECEMBER, A.D. 20

NORTH CAROLINA PROFESSIONAL SEAL L3499 LAND SURVEYOR WILLIAM M. ALLEN

WILLIAM M. ALLEN,



VICINITY MAP NO SCALE

PB. 34 PG. 49

LOT 12
GEN LEONARD LANE
ROCHELE LANE
6730/580

CONCRETE MONUMENT FOUND

LOT 7
LAKE NORMAN
YACHT CLUB
PB. 34 PG. 36
DENNIS F. LEFFLER
5383/279

S20°10'22"E 95.77

#4 REBAR FOUND

PANEL REPAIR

35' SETBACK

(BASE BEARING) S69°56'16"W 202.16

LOT 13
BRAD J. BAKER
LESLIE G. BAKER
1518/372

81'

54

54

54

15' SETBACK

LOT 16
0.733 AC.

CONCRETE MONUMENT FOUND

#4 REBAR FOUND

(TIE ONLY) S69°58'47"W 24.99

LINE TABLE		
LINE	BEARING	LENGTH
L1	S 23°01'59" E	34.81'
L2	S 63°14'48" E	34.10'

N87°05'33"E 258.24 TOTAL

15' SETBACK

LOT 17
RICHARD A. DOYNE
BARBARA VOYZEY
1135/272

WELL

90' BUILDING LINE

N46°24'26"W 158.30 TOTAL

LOT 15
SAM J. BAKER
1822/114

0' 25' 50' 100'
SCALE IN FEET

64.01

64.15

#4 REBAR FOUND

C1

#4 REBAR FOUND

R/W

L1

#4 REBAR FOUND

R/W

L2

NAIL AT BENT #4 REBAR

PELICAN COURT
(45' PUBLIC R/W)

(TIE ONLY) S88°57'36"E 176.30

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) NO GRID MONUMENT FOUND WITHIN 2000 FEET.
4) SETBACKS ARE SUBJECT TO IREDELL COUNTY RULES AS OF 7/1/98. DEED RESTRICITONS OR COVENANTS MAY REQUIRE GREATER SETBACKS. SETBACKS NEED TO BE VERIFIED BEFORE CONSTRUCTION.

LEGEND
- P.P. = POWER POLE
- DUKE POWER TRANS.
- E.I.P. = EXISTING IRON FOUND
- I.P.S. = #4 REBAR SET
- R/W = RIGHT-OF-WAY
- W = WELL
- PDE = PUBLIC DRAINAGE EASEMENT