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

Sheet _1__ of _1___
PROPERTY ID #: _____
COUNTY: _Iredell_

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ Marty Maitby _____
ADDRESS: ____Palos Verde Subdivision Lot #12_____ APPLICATION DATE____2005_
PROPOSED FACILITY: _ 4 bedroom house_ PROPOSED DESIGN FLOW (.1949): __480gpd_____ DATE EVALUATED: __2005_
LOCATION OF SITE: ___HWY 150W, Rt on Bluefield, Lt on Big Indian, Palos Verde Subd. On Rt.___ PROPERTY SIZE: _____0.815ac_____
WATER SUPPLY: ❑ Private ❑ Public ❑ Well ❑ Spring ❑ Other _____ PROPERTY RECORDED: _____
EVALUATION METHOD: ❑ Auger Boring ❑ Pit ❑ Cut TYPE OF WASTEWATER: ❑ Sewage ❑ Industrial Process ❑ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
35	L 6 - 10	0-25	SBK/C	F/S/P/SEXP	N/A	50”	N/A	N/A	PS 0.3gpd/ft2
		25-50	SBK/CL W/SAP	FR/SS/SP/SEXP					
36	L 6 - 10	0-6	FWSBK/SCL	FR/SS/SP/SEXP	N/A	42”	N/A	N/A	PS 0.3gpd/ft2
		6-42	MSBK/C	FR/SS/SP/SEXP					
37	L 6 - 10	0-27	SBK/C	F/S/P/SEXP	N/A	48”	N/A	N/A	PS 0.3gpd/ft2
		27-48	SBK/CL W/SAP	FR/SS/SP/SEXP					
38	L 0 - 5	0-42	MSBK/ABK/ C	FR/SS/SP/SEXP	N/A Yellow relict	50”	N/A	N/A	PS 0.3gpd/ft2
		42-50	FWSBK/CL	FR/SS/SP/SEXP					
		30-48	SLESS/SL “SAP”	FR/NS/NP/NEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 SF	972 SF
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.30gpd/ft2	0.25gpd/ft2

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

EVALUATED BY: __MikeAthanas, LSS & Ashley Rollans, LSS_____
OTHER(S) PRESENT: _____

SOIL/SITE EVALUATION

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

Sheet ____ of ____
(Continuation Sheet)
PROPERTY ID #: _____
DATE OF EVALUATION: _____
COUNTY: _____

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
63	L 6 - 10	0-15	WSBK/SCL	FR/SS/SP/SEXP	N/A Common Mn Conc.	50"	N/A	N/A	PS 0.25gpd/ft2
		15-50	WSBK/C	FR/SS/SP/SEXP					
		30-51	WFABK/SBK/CL w/sap	FR/SS/SP/SEXP					

B-25 65
PT
(A) 0-6 wksbk scl frssp
6-21 sbk RC frsssp sexp .3
21-65 wksbk yr cl frssp
1sap

MINIMUM BUILDING SETBACK LINES:

FRONT — — — — 35 FEET
REAR — — — — 35 FEET
SIDE — — — — 15 FEET
SIDESTREET — — — 25 FEET

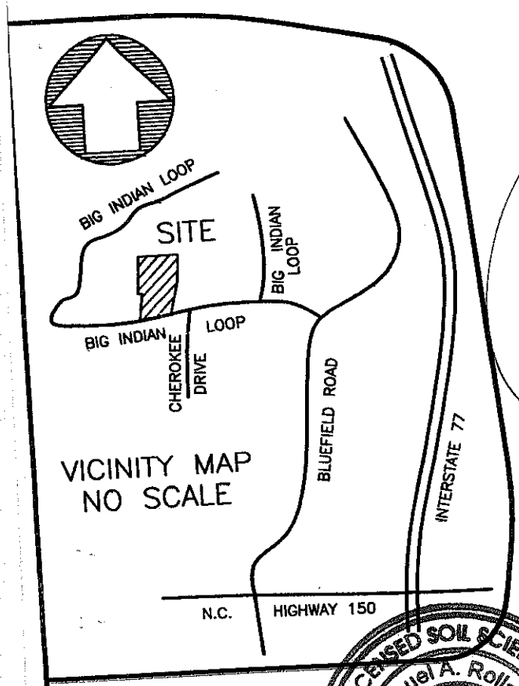
GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

LEGEND:

- O = 1/2" REBAR SET
- ● = IRON FOUND (TYPE NOTED)
- ✱ = CALCULATED POINT (CP)
- ▲ = MAG NAIL SET
- ⌀ = POWER POLE (PP)
- OPL = OVERHEAD POWER LINE
- R/W = RIGHT OF WAY
- CMP = CORRUGATED METAL PIPE
- CM = CONCRETE MARKER SET
- SD = SIGHT DISTANCE EASEMENT



Old
SEE Revision

JOHN C. FREEZE
BARBARA A. FREEZE

LINE TABLE		
Line	Bearing	Length
1	N00°05'01"E	25.00'
2	S89°54'59"E	18.93'

LOT 11

S88°53'58"E 160.30'

N15°48'39"E 167.20'

S02°14'23"E 183.25'

N89°54'59"W 231.96'

LOT 12

170x60

LOT 13

PALOS VERDE DRIVE

PALOS VERDE DRIVE

JANICE CRANFORD BEAN

BM = 0.4

LICENSED SOIL SCIENTIST
Samuel A. Rollans
1231
STATE OF NORTH CAROLINA

LICENSED SOIL SCIENTIST
MICHAEL ATHANAS
1252
STATE OF NORTH CAROLINA

NOTES:

AREA: 0.815 ACRE (35,508 SF)

CURRENT TAX RECORDS ARE USED TO IDENTIFY ADJOINING PROPERTY OWNERS.

THE PROPERTY SHOWN HEREON IS SUBJECT TO ALL EASEMENTS, RIGHT OF WAYS, RESTRICTIONS, AND AGREEMENTS THAT ARE VALID AND ENFORCEABLE NOT SHOWN HEREON.

ALL LOTS ARE SUBJECT TO A TEN FOOT DRAINAGE AND UTILITIES EASEMENT. TEN FEET ON EACH SIDE OF THE PROPERTY LINE.

SURVEYED PROPERTY IS ZONED RA.

1/2" REBAR SET AT ALL PROPERTY CORNERS UNLESS OTHERWISE NOTED.

ALL LOTS ARE DESIGNED FOR SINGLE FAMILY RESIDENTIAL LOTS ONLY.

MAP FOR

LOT 12– PALOS VERDE ESTATES

PALOS VERDE DRIVE-- MOORESVILLE, NC 28117

DAVIDSON TOWNSHIP IREDELL COUNTY NORTH CAROLINA

SCALE: 1"=60' DRAWN BY: TES FILE: 20554-SEPTIC

DEED REFERENCE: BOOK 713 PAGE 926

PIN NUMBER: 4648-23-5441

TAX ZCCOUNT NUMBER: 000067236250

DATE: JUNE 6, 2005

DRAWING NUMBER: P-2-P

MILLER SURVEYING, INC.

234 9th AVENUE DRIVE N.E. HICKORY NC (828-322-4013)