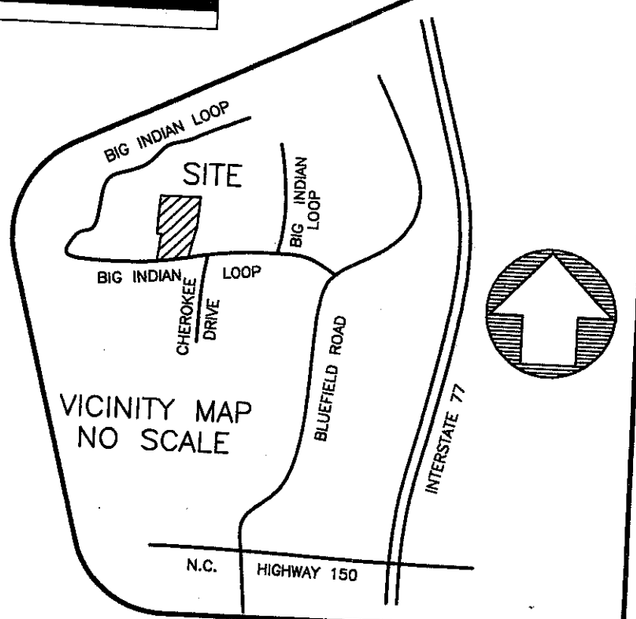
GRAPHIC SCALE

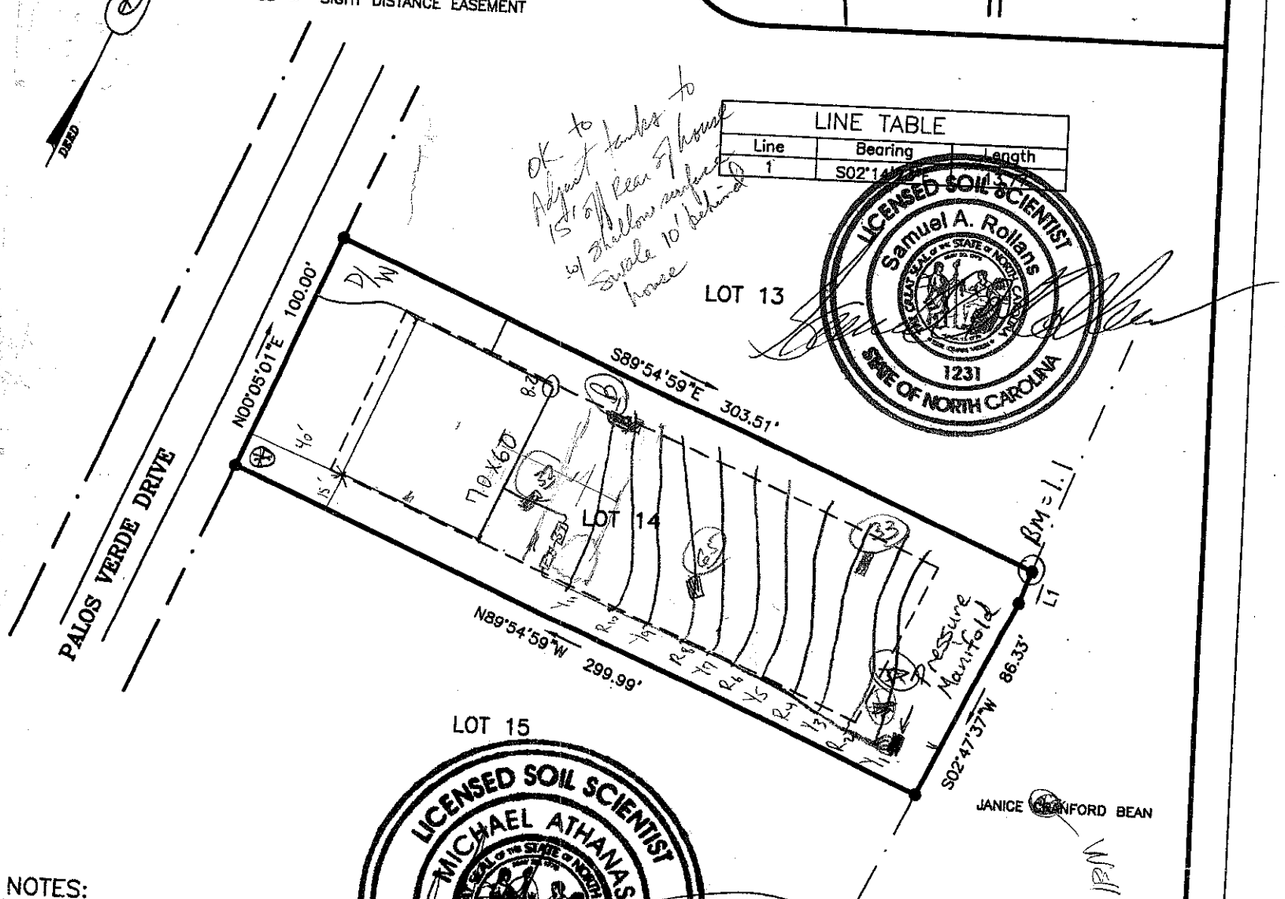
0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

MINIMUM BUILDING SETBACK LINES:
FRONT— — — —35 FEET
REAR— — — —35 FEET
SIDE— — — —15 FEET
SIDESTREET— — —25 FEET



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



NOTES:

AREA: 0.694 ACRE (30,227 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.

LOTS ARE DESIGNED FOR SINGLE FAMILY LOTS ONLY.

MAP FOR
LOT 14– 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)

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 Maltby _____ APPLICATION DATE____2005_
ADDRESS:____Palos Verde Subdivision Lot #14_____ DATE EVALUATED: __2005_
PROPOSED FACILITY: _ 4 bedroom house_ PROPOSED DESIGN FLOW (.1949): __480gpd_____ PROPERTY SIZE: _____0.694ac_____
LOCATION OF SITE: ___HWY 150W, Rt on Bluefield, Lt on Big Indian, Palos Verde Subd. On Rt.___ PROPERTY RECORDED: _____
WATER SUPPLY: ❑ Private ❑ Public ❑ Well ❑ Spring ❑ Other _____
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	
28	L 6 - 10	0-18	FWSBK/SCL	FR/SS/SP/SEXP	N/A Common [Mn] conc. Yellow mottles	46”	N/A	N/A	PS 0.25gpd/ft2
		18-30	MABK/CL	FR/SS/P/SEXP					
		30-46	MABK/SBK/ C	FR/SS/P/SEXP					
29	L 6 - 10	0-30	SBK/C	F/S/P/SEXP	N/A	48”	N/A	N/A	PS 0.3gpd/ft2
		30-48	WSBK/CL	FR/SS/SP/SEXP					
30	L 6 - 10	0-22	WSBK/SCL	F/SS/SP/SEXP	N/A	50”	N/A	N/A	PS 0.25gpd/ft2
		22-50	SBK/C	F/S/P/SEXP					
33	L 6 - 10	0-43	SBK/C	F/S/P/SEXP	N/A	43”	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	1440 SF
System Type(s)	25% Reduction	25% Reduction
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

Sheet ____ of ____
(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

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	
65	L 6 - 10	0-12	FWABK/CL	FR/SS/SP/SEXP	N/A	53"	N/A	N/A	PS 0.25gpd/ft2
		12-36	FABK/SCL	FR/SS/SP/SEXP					
		36-53	SBK/C	FR/SS/P/SEXP	Common Mn Conc.				

(A) 0-9 wksbk ~~sl~~ vfrssp
9-62 sbk rc ~~fr~~ frssp .25 – within .05 of LSS other pits in initial system area - will go along with .3 initial design.
common manganese

(B) 0-6 Somewhat compacted vfr fi
6-19 sbk rc frssspsexp .03 (Repair Area)
19-47 wksbk/gr cl ~~frssp~~
47-60 Massive L slp ~~frssp~~