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

Sheet 1 of 1
PROPERTY ID #: 4648237311
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Marty Maltby APPLICATION DATE 2005
ADDRESS: Palos Verde Subdivision Lot #15 DATE EVALUATED: 20(
PROPOSED FACILITY: 4 bedroom house PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE: 0.683ac
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) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
25	L 6 - 10	0-17	FWSBK/SCL	FR/SS/SP/SEXP	N/A Few [Mn] Conc.	51"	N/A	N/A	PS 0.3gpd/ft2
		17-41	FSBK/C	FR/SS/SP/SEXP					
		41-51	FWSBK/CL	FR/SS/SP/SEXP					
26	L 6 - 10	0-18	FWSBK/SCL	FR/SS/SP/SEXP	N/A Orange relicts	45"	N/A	N/A	PS 0.3gpd/ft2
		18-45	FWSBK/SC	FR/SS/SP/SEXP					
		27-48	WSBK/C	F/S/P/SEXP					
27	L 6 - 10	0-22	WSBK/SCL	F/SS/SP/SEXP	N/A Few Mn Conc.	50"	N/A	N/A	PS 0.275 gpd/ft2
		22-48	SBK/CL	FR/S/P/SEXP					
		37-52	SLESS/SL "SAP"	FR/NS/NP/NEXP					
8-25-05 A		0-9	wksbk loam SL/SCL	fr SSSP					.25
		9-32	wk-msbk clay L	fir sp sesp	common manganese				
		32-68	wk sbk r c	fir sp sssp few mi sap					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 SF	1680 SF
System Type(s)	25% Reduction	PPBPS
Site LTAR	~~0.30gpd/ft2~~ .25	0.25gpd/ft2

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MikeAthanas, LSS & Ashley Rollans, LSS
OTHER(S) PRESENT:

PK
B

0-6 p-wksbk bow sL fkssssp

6-12 mfsbkpdwdkfkssspsbkp

12-33 mfsbk Rc fksp sbkp

33-63 wksbkyrdfikssep

e 3

fevyrebicmotles

GRAPHIC SCALE

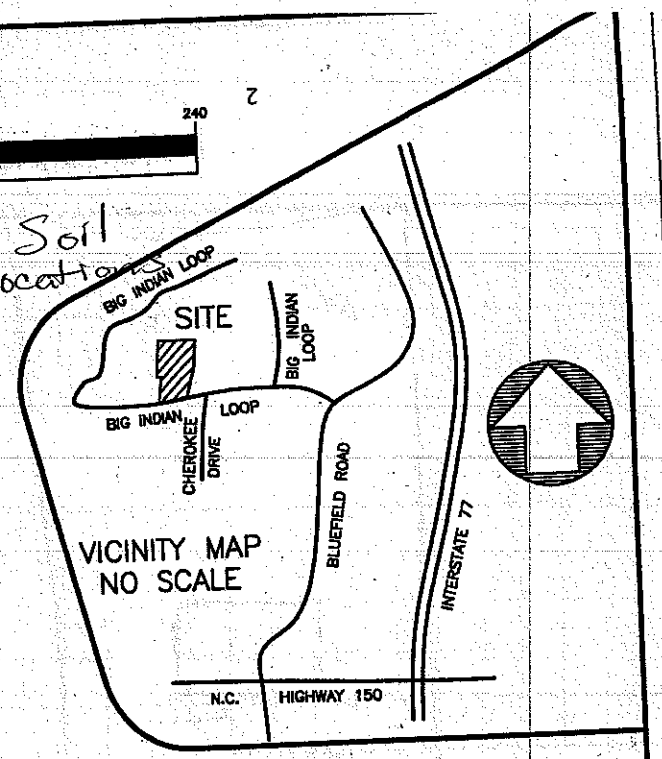
0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

Soil locations

MINIMUM BUILDING SETBACK LINES:

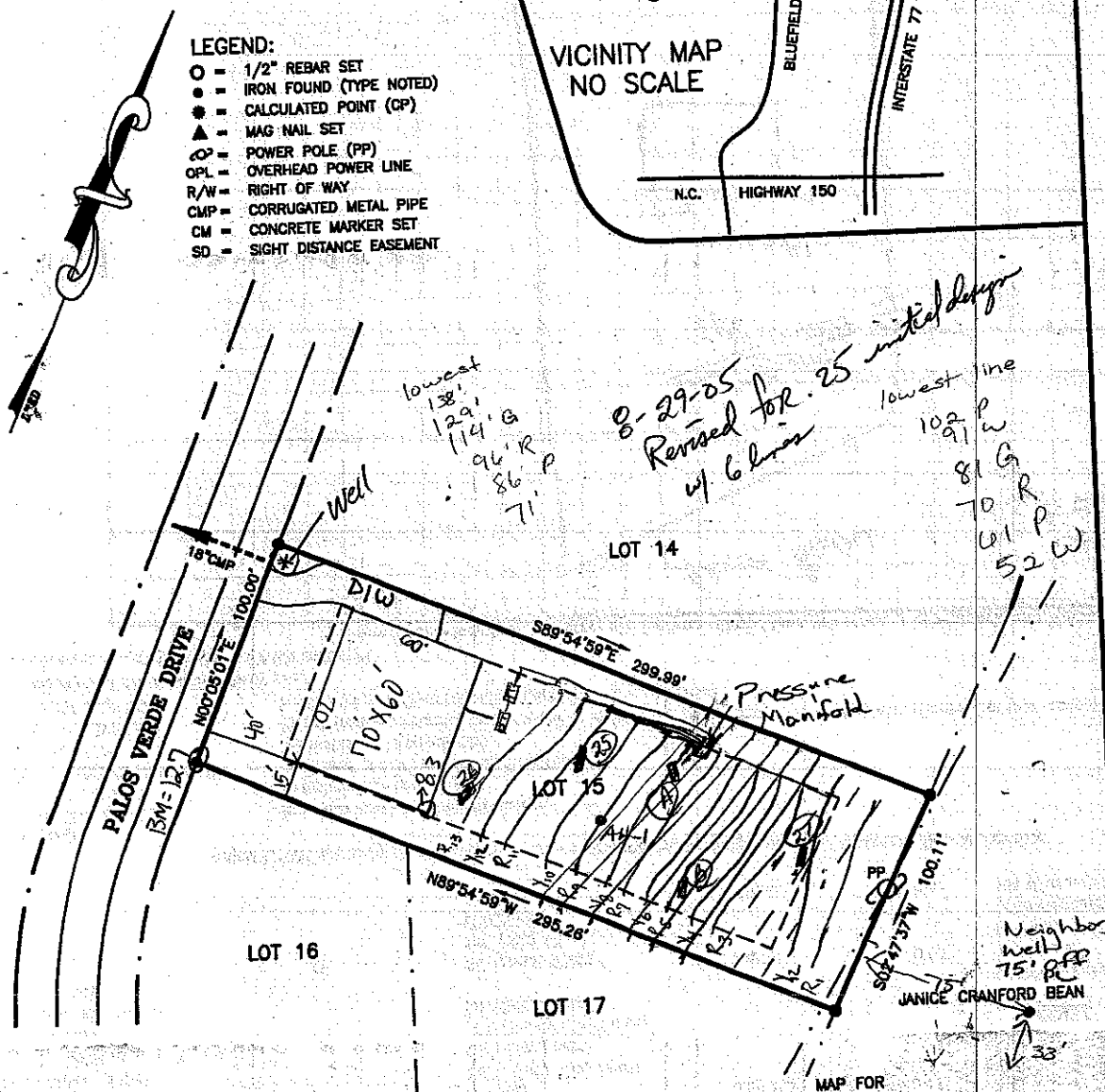
FRONT — — — — 35 FEET
REAR — — — — 35 FEET
SIDE — — — — 15 FEET
SIDESTREET — — — 25 FEET



VICINITY MAP
NO SCALE

LEGEND:

- O = 1/2" REBAR SET
- ● = IRON FOUND (TYPE NOTED)
- ✱ = CALCULATED POINT (CP)
- ▲ = MAG NAIL SET
- PP = 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: 0.683 ACRE (29,762 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 RESIDENTIAL LOTS ONLY.

MAP FOR

LOT 15– 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: 4848-23-5441

TAX ACCOUNT NUMBER: 0000672362S0

DATE: JUNE 6, 2005

DRAWING NUMBER: P-2-P

MILLER SURVEYING, INC.
234 9th AVENUE DRIVE N.E. HICKORY NC (828) 322-6913

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0 30 60 120 240

(IN FEET)

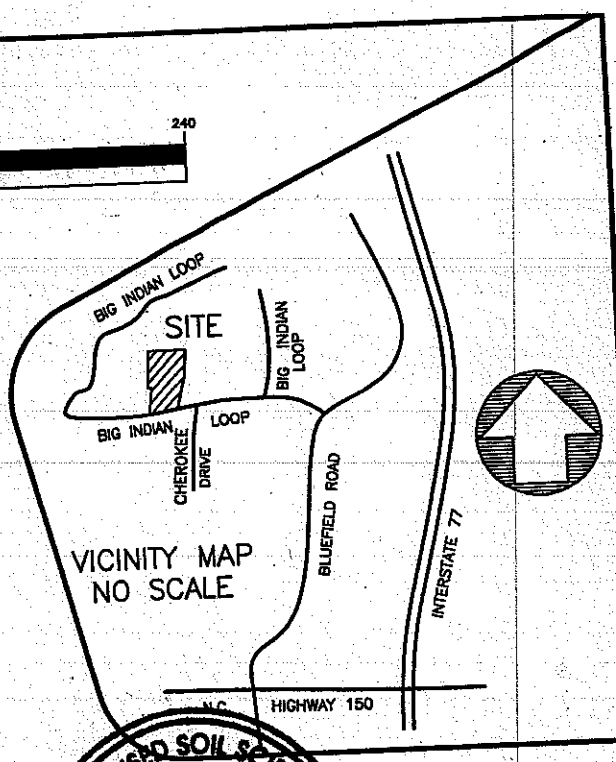
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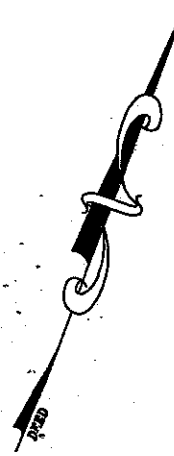
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LICENSED SOIL SCIENTIST
MICHAEL ATHANAS
1452
STATE OF NORTH CAROLINA

Do. 25 drop
Revise site plan to show
Shed. Move further
to 15' Typ. of house
add 1 more shown

LOT 14

16" CMP

D/W

PALOS VERDE DRIVE

N00°05'01"E 100.00'

S89°54'59"E 299.99'

Pressure Manifold

70'x60'

40'

15'

BM-12.7

LOT 15

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

N89°54'59"W 295.26'

PP

S02°47'37"W 100.11'

LOT 17

JANICE CRANFORD BEAN

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DAVIDSON TOWNSHIP IREDELL COUNTY NORTH CAROLINA

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