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

PROPERTY ID #: _____
COUNTY: _Iredell_

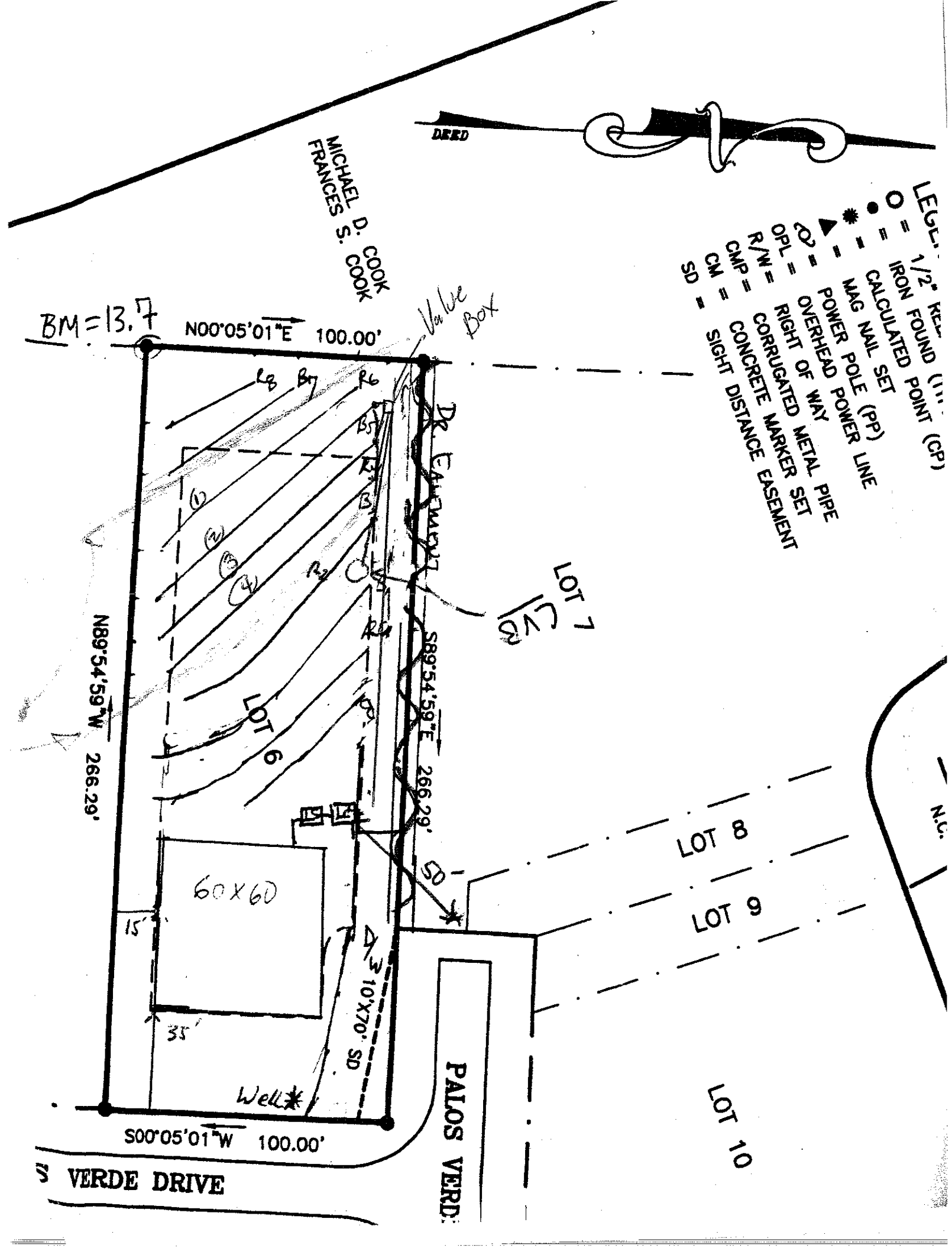
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

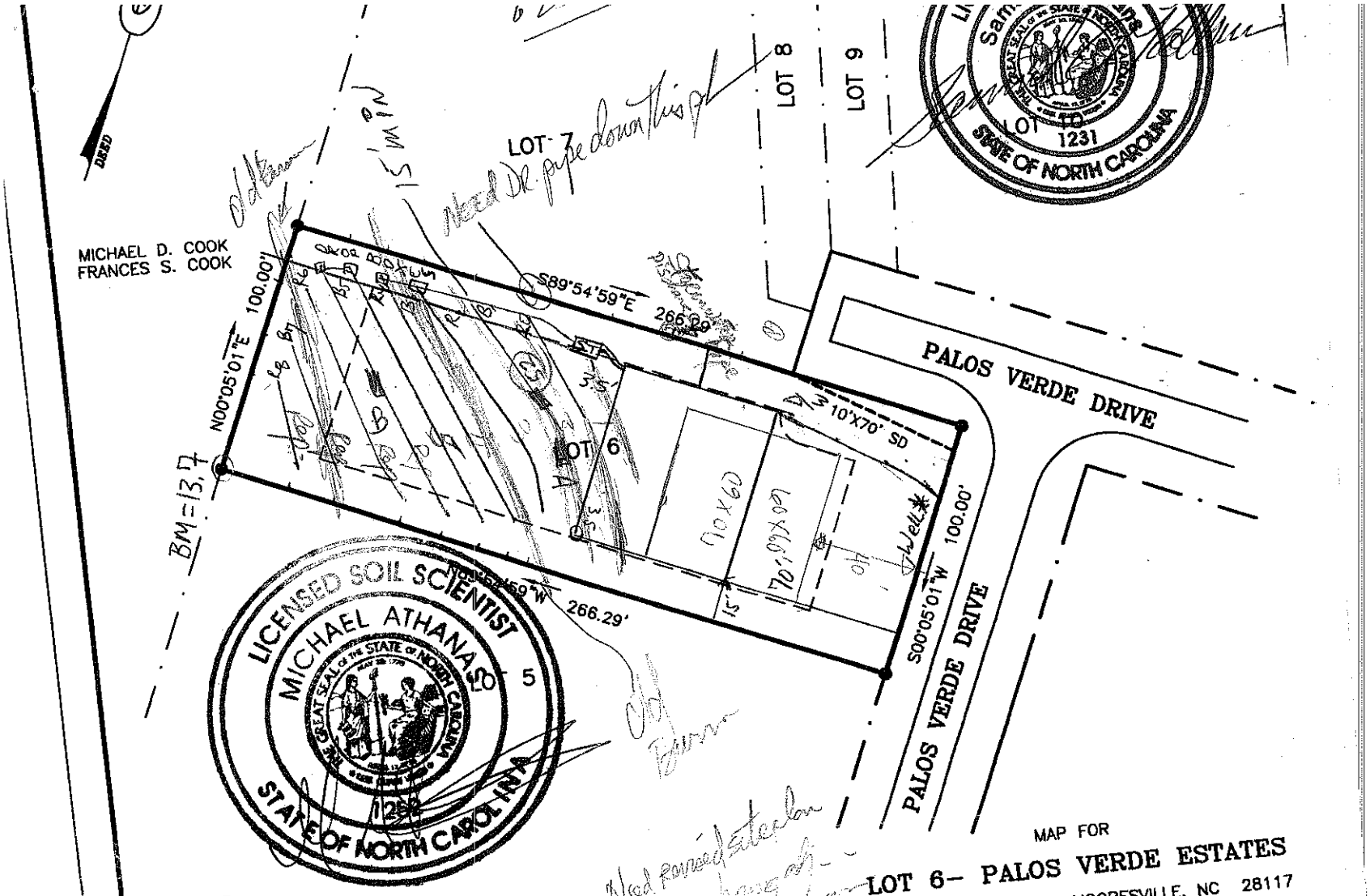
OWNER: _____ Marty Maltby _____ APPLICATION DATE____2005_
ADDRESS:_____Palos Verde Subdivision Lot #6_____ DATE EVALUATED: __200
PROPOSED FACILITY: _ 4 bedroom house_ PROPOSED DESIGN FLOW (.1949): __480gpd_____ PROPERTY SIZE: _____0.611ac_____
LOCATION OF SITE: ___HWY 150W, Rt on Bluefield, Lt on Big 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
1 2	L 6 - 10	0-48	SBK/C	FR/S/P/SEXP	N/A	48"	N/A	N/A	PS 0.3gpd/ft2
		17-48	WSBK/C	FR/SS/SP/SEXP					
1 5	L 5 - 10	0-10	FWSBK/SCL	FR/SS/SP/SEXP	N/A YELLOW RELICT	50"	N/A	N/A	PS 0.3gpd/ft2
		10-50	ABK/SBK/C	FR/SS/SP/FR					
		27-48	WSBK/C	F/S/P/SEXP					
5 2	L 6 - 10	0-6	WFABK/SCL	FR/SS/SP/SEXP	N/A	50"	N/A	N/A	PS 0.3gpd/ft2
		6-26	MABK/C	FR/S/P/SEXP	Common Mn Conc.				
		26-50	WSBK/C	F/S/P/SEXP					
(A)		0-6	WSBK/SCL	FRSSSP	common manganese				.225=30" .3=30"
		6-30	WSBK/SCL	FRSSSP					
		30-55	WSBK/SCL	FRSSSP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 SF	536 SF
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.30gpd/ft2	0.30gpd/ft2

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): ____PS_____
EVALUATED BY: __MikeAthanas, LSS & Ashley Rollans, LSS_____
OTHER(S) PRESENT: _____
(OVER) SEE BACK


DEED
MICHAEL D. COOK
FRANCES S. COOK
BM = 13.7
N00°05'01"E 100.00'
Valve Box
DR. EASEMENT
LOT 7
LOT 6
LOT 8
LOT 9
LOT 10
N89°54'59"W 266.29'
S89°54'59"E 266.29'
60X60
15'
35'
D/W 10'X70'
SD
Well
S00°05'01"W 100.00'
VERDE DRIVE
PALOS VERD
LEGEND
O = 1/2" IRON FOUND (CP)
● = CALCULATED POINT
▲ = 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: 0.611 ACRE (26,229 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 6– PALOS VERDE ESTATES

PALOS VERDE DRIVE-- MOORESVILLE, NC 28117

DAVIDSON TOWNSHIP IREDELL COUNTY NORTH CAROLIN/

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

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 (828-322-401