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
ADDRESS: Palos Verde Subdivision Lot #13 APPLICATION DATE 2005
PROPOSED FACILITY: 4 bedroom house PROPOSED DESIGN FLOW (.1949): 480gpd DATE EVALUATED: 20(
LOCATION OF SITE: HWY 150W, Rt on Bluefield, Lt on Big Indian, Palos Verde Subd. On Rt. PROPERTY SIZE: 0.692ac
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) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
31	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					
32	L 6 - 10	0-8	FWSBK/SCL	FR/SS/SP/SEXP	N/A		N/A	N/A	PS 0.3gpd/ft2
		8-35	FSBK/ABK/C +sap	FR/SS/SP/SEXP					
		35-50	SBK/CL+sap	FR/SS/SP/SEXP					
34	L 0 – 5	0-6	FWSBK/SCL	FR/SS/SP/SEXP	N/A Yellow relict	47"	N/A	N/A	PS 0.3gpd/ft2
		6-47	ABK/SBK/C	FR/SS/SP/SEXP					
64	L 6 - 10	0-9	WFABK/CL	FR/SS/SP/SEXP	N/A	43"	43-50"	N/A	PS 0.3gpd/ft2
		9-22	MABK/C	FR/SS/SP/SEXP					
		22-43	SBK/CL+sap	FR/SS/SP/SEXP					
		43-50	SLESS/L sap	FR/NS/NP/NEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 SF	600SF
System Type(s)	25 % Reduction	PPBPS
Site LTAR	0.30gpd/ft2	0.30gpd/ft2

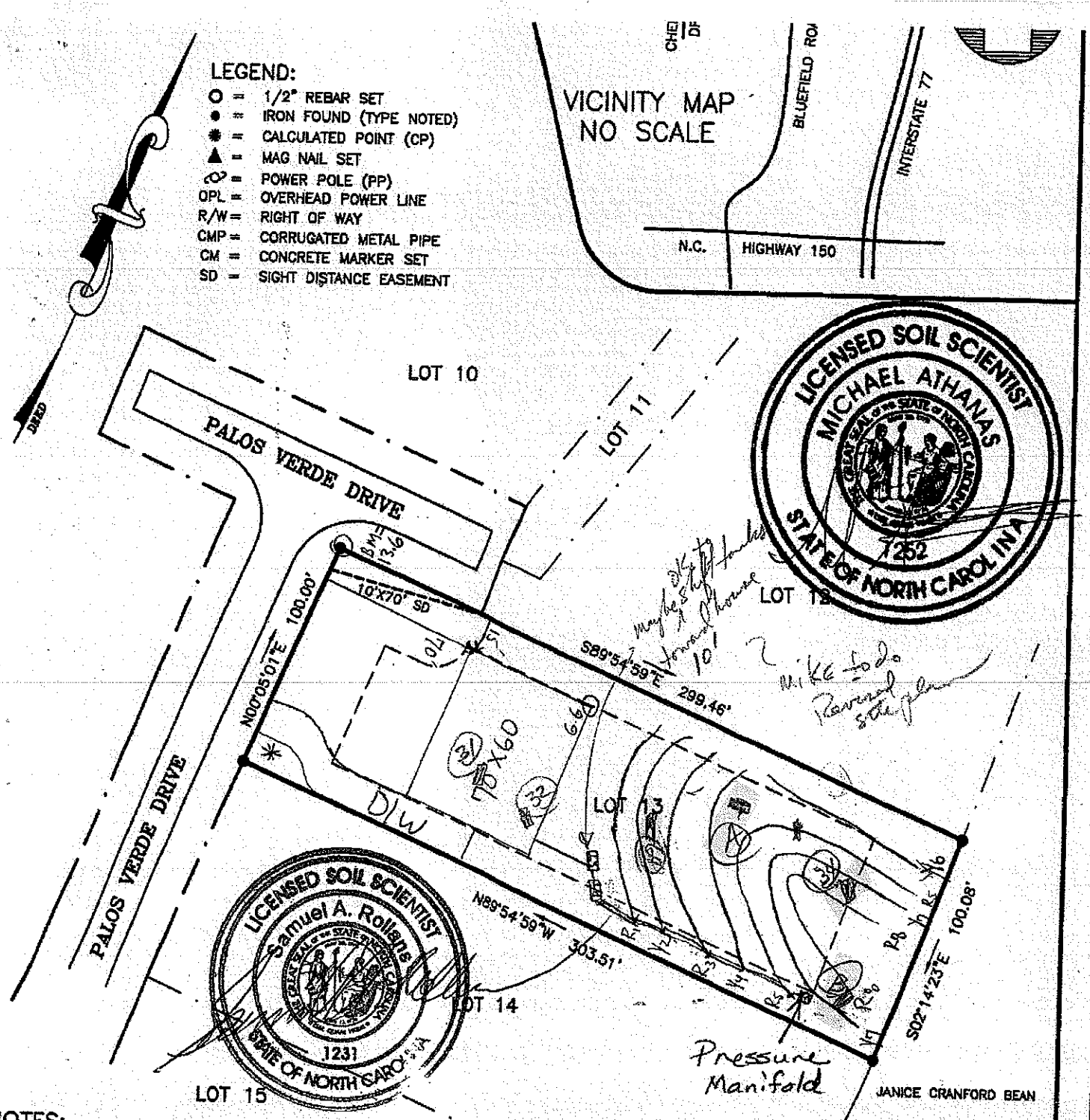
OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MikeAthanas, LSS & Ashley Rollans, LSS
OTHER(S) PRESENT: _____

(A) 0-6 wkSBK dwnscl frSSSP
6-36 SBK RC frSP SEQ
36-58 wkSBK rcl frSSSP
+SRP

.3

(B) 0-8 wkSBK dwnscl frSSSP
8-26 mfSBK RC frSP SEQ
26-50 wkSBK upr cl frSSSP
+SRP

.3



NOTES:

AREA: 0.692 ACRE (30,148 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 13– 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)