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

Sheet 1 *of* ___
PROPERTY ID #: _____
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

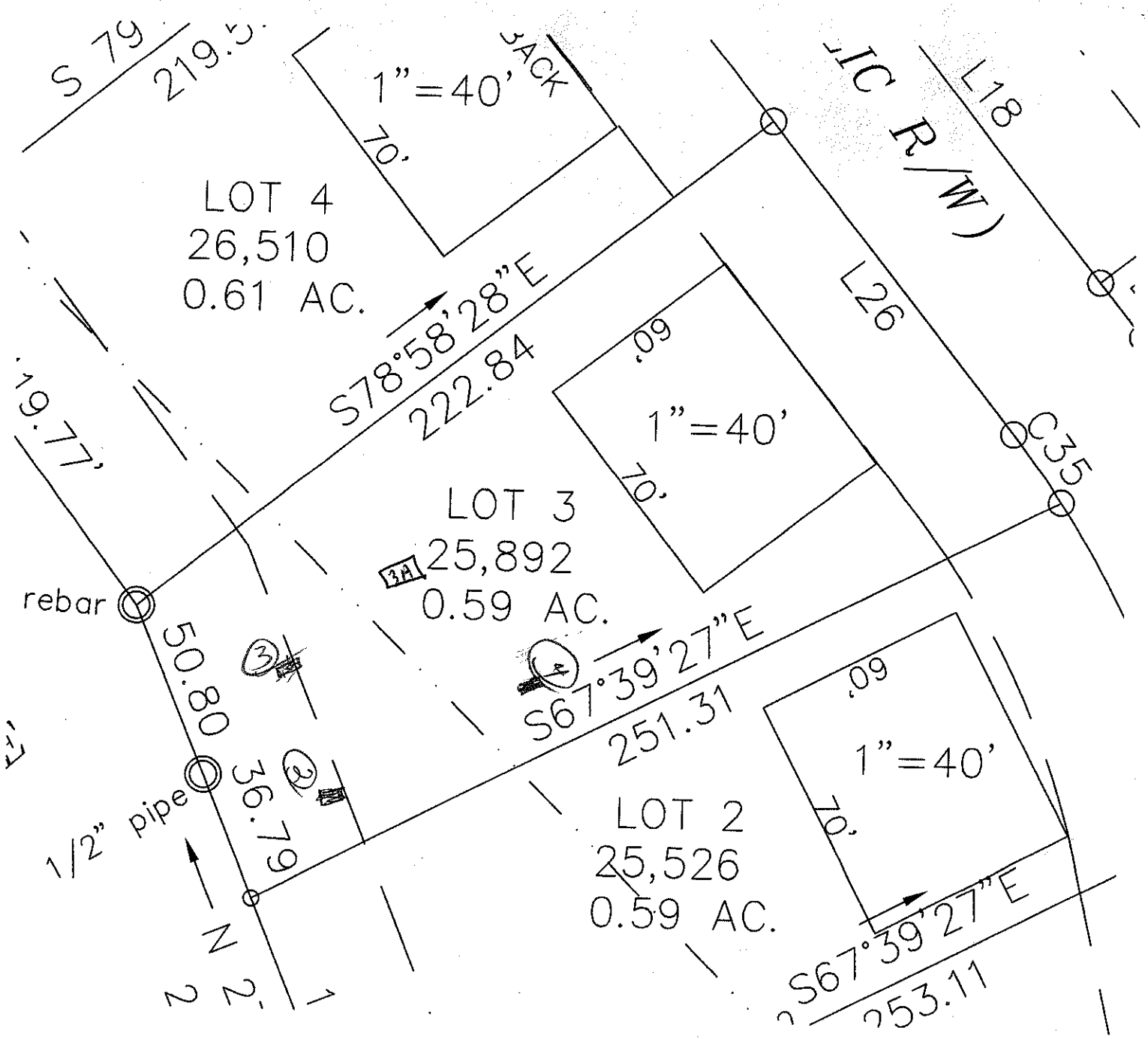
OWNER: THE ORCHARDS LLC _____ APPLICATION DATE 4/06
ADDRESS: HIDEAWAY LANE MOORESVILLE _____ DATE EVALUATED: _____
PROPOSED FACILITY: RES _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: THE ORCHARDS LOT 3 _____ PROPERTY RECORDED: Y
WATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X 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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
3A 1	LS 10-15%	0-4	BSCL WFSSN	fri SSSPSmp	N/A	40"	PS	N/A	PS .3
		4-30	RC WFSSN	fri SSSPSmp					
		30-40	RCL WFSSN	fri SSSPSmp					
		40-64	VarSL SAPM	fri SSSPSmp					
				fmx Quartz					
2	5-24-06	0-20	WFSBKRDC	FRSSSPSMP					.3
		20-47	WSBK CL	FRSSSP					
		47-56	SL mangue SAPM	FR SSSP					
3	10% LS	0-4	MGR GRSL SBK	FRSSSP					.3
		4-30	WSBK MDC	FRSSSP					
		30-61	WSBK MDCL	FRSSSP / TSMP (few mm)					
4		0-18	WFSBKRDC	FRSSSP SMP					.3
		18-64	MWEAKMEDCL	FRSSSP / THN SMP MIL					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	LPPPBS	LPPPBS
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: B. Freeman, D. Hunter
OTHER(S) PRESENT: _____

COMMENTS:


S 79
219.5'
1"=40'
JACK
70'
LOT 4
26,510
0.61 AC.
S78°58'28"E
222.84
L18
L26
C35
.09
1"=40'
70'
LOT 3
25,892
0.59 AC.
3A
rebar
50.80
36.79
1/2" pipe
S67°39'27"E
251.31
LOT 2
25,526
0.59 AC.
S67°39'27"E
253.11