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

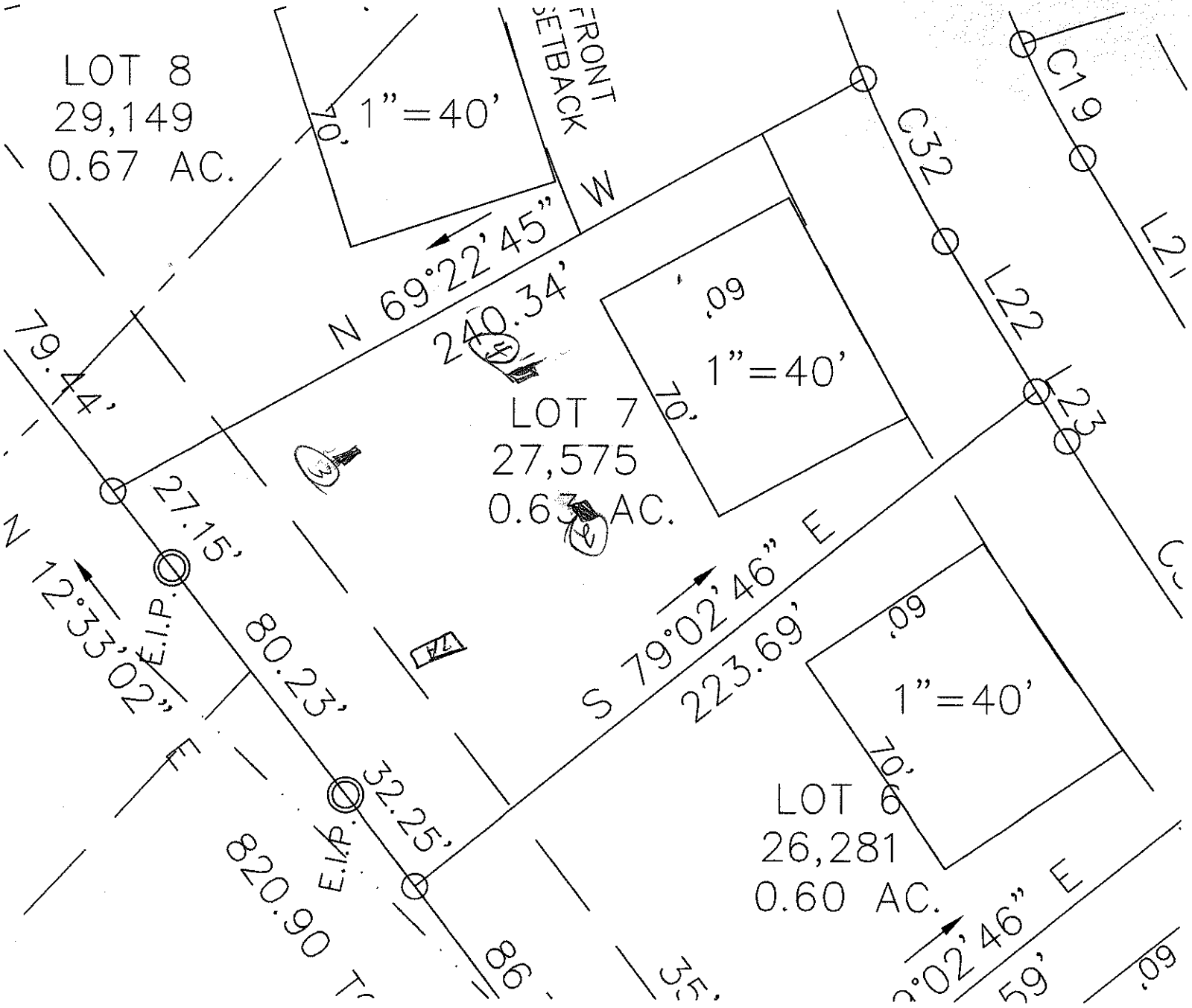
OWNER: THE ORCHARDS LLC APPLICATION DATE 4/06
ADDRESS: HIDEAWAY LANE MOORESVILLE DATE EVALUATED: _____
PROPOSED FACILITY: RES PROPOSED DESIGN FLOW (.1949): 450 gpd PROPERTY SIZE: _____
LOCATION OF SITE: THE ORCHARDS LOT 7 PROPERTY RECORDED: Y
WATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
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)		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	
7A 1	LSS 5-10%6	0-18	RC MSSH	fri SSSP Stnp	N/A	56"	N/A	N/A	PS .3
		18-56	RCL WSSH	fri SSSP Stnp					
2		0-12	WKSBKmod sl	frSSSP					.25
		12-45	SBK mod c	fri SSSP Stnp	common y.w. mole				
		45-58	WKSBK cl Stnp	fr SSSP	+ common y.w. mole				
3	12% 1 L	0-6	gr brwsl	frSSSP					.3
		6-26	MOD SBK cl	frSSSP Stnp					
		26-58	m WKSBK mod cl	frSSSP					
			+ common Stnp						
4		0-14	SBK mod c	frSSSP Stnp					.3
		14-56	WKSBK mod cl Stnp	frSSSP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	LPP RGPS	LPP RGPS
Site LTAR	.3	.25

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: B Thomas
OTHER(S) PRESENT: _____

COMMENTS:


LOT 8
29,149
0.67 AC.
70'
1"=40'
FRONT SETBACK
W
N 69°22'45" E
240.34'
79.44'
27.15'
E.I.P.
N 12°33'02" E
80.23'
32.25'
E.I.P.
820.90 T
LOT 7
27,575
0.63 AC.
70'
1"=40'
.09
S 79°02'46" E
223.69'
LOT 6
26,281
0.60 AC.
70'
1"=40'
.09
C19
L21
C32
L22
23
C
°02'46" E
59'
.09
86
35'