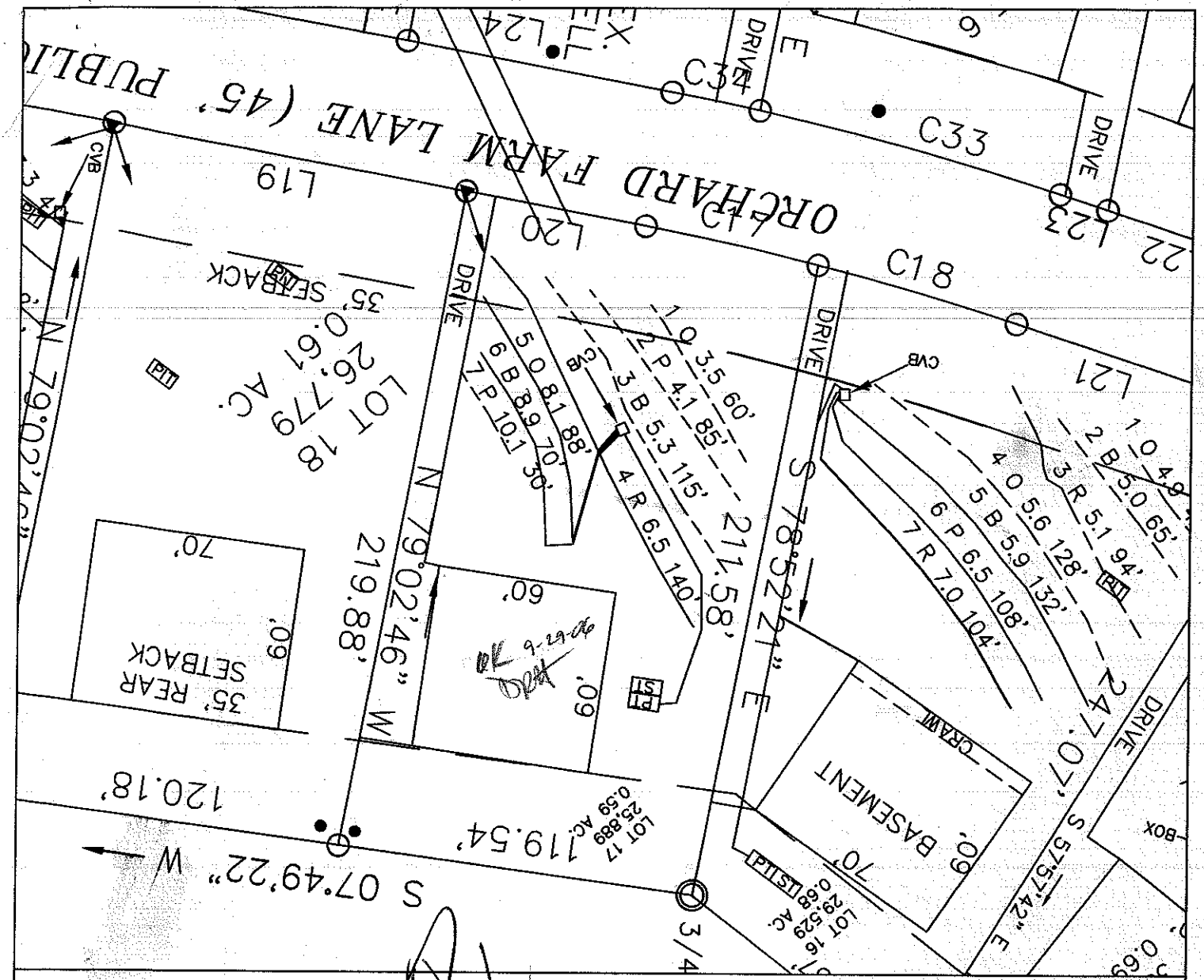


LEGEND

- House Box.
- System lines.
- Repair lines.
- Temporary Bench Mark (TBM).
- Well Location.

GRAPHIC SCALE
1" = 50'

50 0 50 100

FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES. THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.

PLEASE REFER TO ATTACHED SOIL REPORT FOR ADDITIONAL SITE SPECIFIC INFORMATION

17

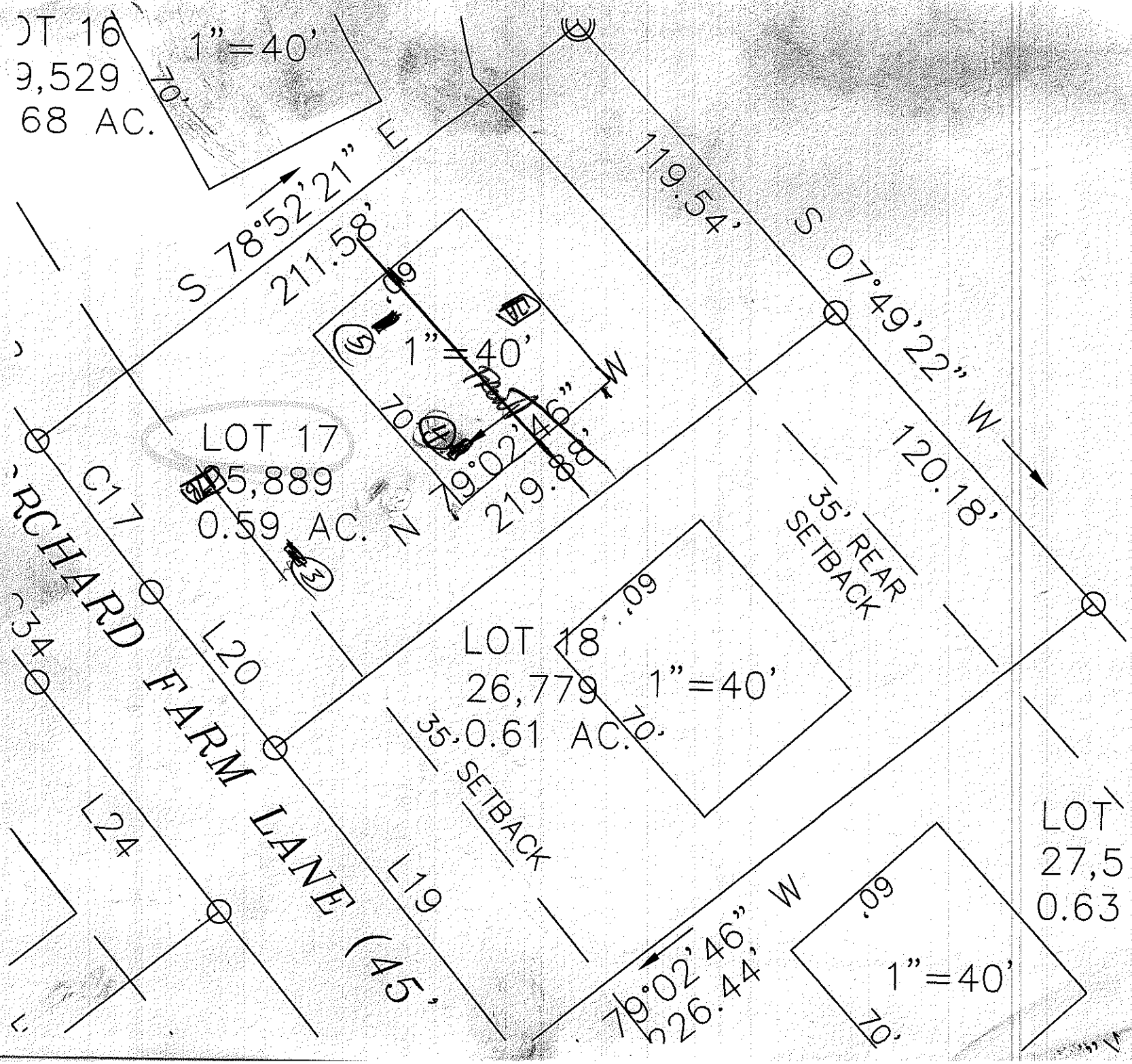
ROLLANS SOIL & ENVIRONMENTAL SERVICES
2120 GRAHAM ROAD
MOUNT ULLA, NC 28125
PHONE/FAX: (704) 278 - 0989
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746 - 5046
EMAIL: ROLLANSFORTCJ@AOL.COM

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: THE ORCHARDS LLC / THE ORCHARDS

LOCATION/DATE: PERTH ROAD, IREDELL COUNTY, NORTH CAROLINA, AUGUST 2006

JOB # : 01-1195
FILE: C:\JOBS\01-1195
PROJECT MGR.: CBF
FIELD WORK: CBF
DRAWN BY: CBF


OT 16
9,529
68 AC.
1"=40'
70'
S 78°52'21" E
211.58'
119.54'
S 07°49'22" W
120.18'
1"=40'
70'
79°02'46" W
219.88'
LOT 17
25,889
0.59 AC.
C17
L20
35' REAR SETBACK
LOT 18
26,779
0.61 AC.
1"=40'
70'
60'
35' SETBACK
RCHARD FARM LANE (45'
L34
L24
L19
79°02'46" W
226.44'
LOT
27,5
0.63
1"=40'
70'
60'

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): 480gpd PROPERTY SIZE: _____
LOCATION OF SITE: THE ORCHARDS LOT 17 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1A 1	LSS 10-15%	0-4	BSCL WL	fri SSSPSap	N/A	56"	N/A	N/A	PS .3
		4-23	RC SBK	fri SSSPSap					
		23-56	RCL mSBK	fri SSSPSap					
1B 2	LSS 10-15%	0-28	RC SBK	SS,SP,FrSEXP	N/A	51"	N/A	N/A	PS .3
		28-51	R CL WFSBK	SS,SP,FrSEXP					
3		0-9	WKSBK vfDN scl	frSSSP					.3
		9-26	SBK rod c	frSSSP SSP					
		26-52	WKSBK rdcl	frSSSP					
4		0-10	mvp brwsclf rodc	fr					.3
		10-24	SBK rod c	frSSSP SSP					
		24-50	WKSBK cl	frSSSP fdwredSAP					

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

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

COMMENTS:

(S) 0-6 gn brn scl fr sss sp
6-21 mf sk rod c fr ss sp sk p 63
21-48 m sk rod cl ms sp br mot sp