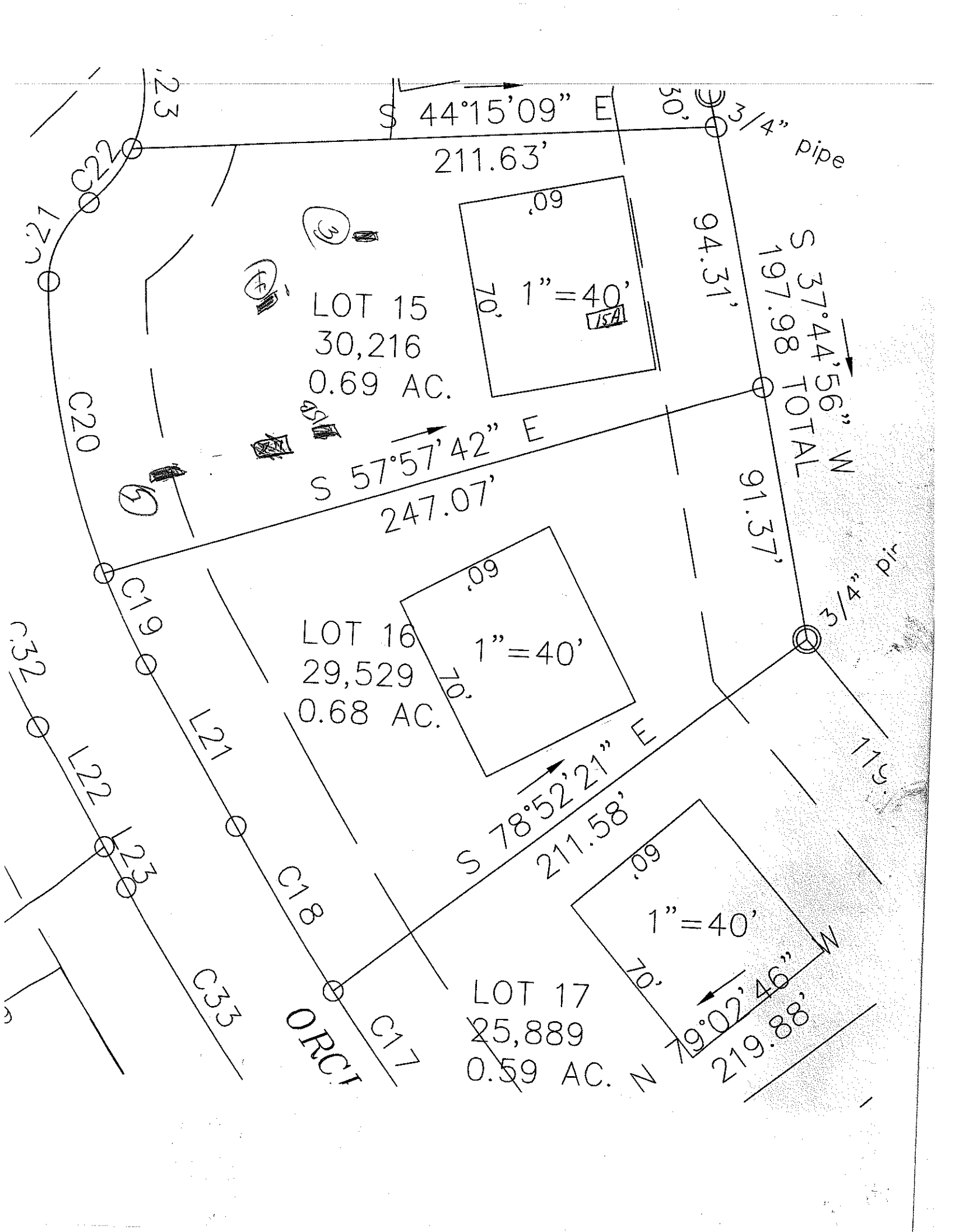

S 44°15'09" E
211.63'
30'
3/4" pipe
.09
70'
1"=40'
ISA
94.31'
S 37°44'56" W
197.98' TOTAL
LOT 15
30,216
0.69 AC.
S 57°57'42" E
247.07'
91.37'
LOT 16
29,529
0.68 AC.
3/4" pir
S 78°52'21" E
211.58'
LOT 17
25,889
0.59 AC.
N 79°02'46" W
219.88'
C17
C18
C19
C20
C21
C22
C23
C32
C33
L21
L22
ORCI

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
ADDRESS: HIDEAWAY LANE MOORESVILLE — APPLICATION DATE 4/06
PROPOSED FACILITY: RES — PROPOSED DESIGN FLOW (.1949): ____ — DATE EVALUATED: ____
LOCATION OF SITE: THE ORCHARDS LOT 15 — PROPERTY SIZE: ____
WATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other ____ — PROPERTY RECORDED: Y
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
1	LSS 10-15%	0-5	BSCL GR	fri SSSP Sexp	N/A	60"	N/A	N/A	PS .3
		5-24	RCL SBK	fri SSSP Sexp					
		24-60	RCL MFSBK	fri SSSP Sexp					
2SB	LSS 10-15%	0-31	RC SBK	SS, SP, Fr SEXP	N/A	61"	N/A	N/A	PS .3
2		31-61	R CL WFSBK	SS, SP, Fr SEXP					
3		0-28	mod wedge	fri SSSP SOP					.3
		28-38	mod wedge	fri SSSP few pores					
4	3-8% L	0-6	WK SBK reddish sdl	fri SSSP					.3
		6-15	SBK wdc	fri SSSP Sexp					
		15-54	WK SBK wdc	fri-fe SSSP few vert pores					

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

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): ____
EVALUATED BY: ____
OTHER(S) PRESENT: ____

COMMENTS: