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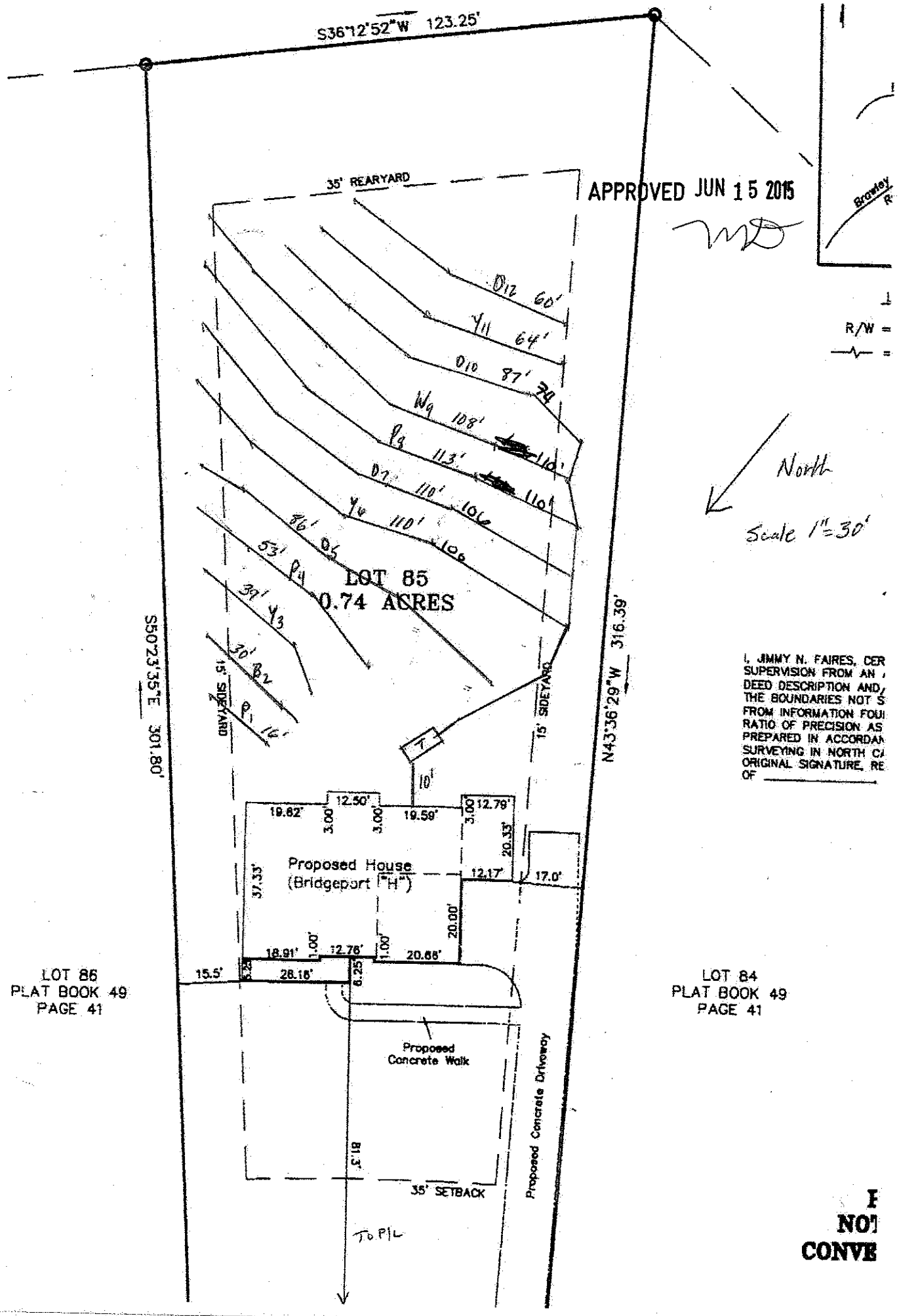
Reference: Data Sheet for Chesapeake Point Lot 85; Cove Creek Road; Iredell County, NC
House Footprint: 65' x 45'
Building Setbacks: 35' front/50' rear/15' side
Water Source: Community Water
Number of Bedrooms: 5/600 GPD
Predetermined LTAR: 0.3 GPD/FT2 Repair (ICHD)
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: D-boxes; End caps
Septic Tank Size: 1500 gallons
Proposed Trench Bottom: 36"

APPROVED JUN 15 2015

Line	Design Length	Actual Length	Elevation
Pink 1		16'	
Blue 2		30'	
White 3		39'	
Pink 4		53'	G
Orange 5		86'	R
Yellow 6	**105'**	**105'**	**A**
Orange 7	**110'**	**110'**	**V**
Pink 8	**110'**	**113'**	**I**
White 9	**105'**	**108'**	**T**
Orange 10	**70'**	**78'**	**Y**
Yellow 11		64'	
Orange 12		60'	

Initial System: 500' **Repair System:** 348'

Comments:
The purpose of this evaluation is to change the permit to a 5-bedroom, 25% reduction system. The area has been previously permitted by the Iredell County Health Department. The septic area has been kept in the same area. The house is currently under construction.


S36°12'52"W 123.25'
35' REARYARD
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MD
D12 60'
Y11 64'
D10 87' 29
W9 108'
Q9 113'
110'
D7 110' 106
Y6 110' 106
86' Q5
53' Q4
39' Y3
20' B2
Q1 16'
LOT 85
0.74 ACRES
S50°23'35"E 301.80'
N43°36'29"W 316.39'
15' SIDEYARD
15' SIDEYARD
10'
19.82'
12.50'
3.00'
3.00'
19.59'
3.00'
12.79'
20.33'
37.33'
Proposed House
(Bridgeport "H")
12.17'
17.0'
20.00'
18.91'
1.00'
12.76'
1.00'
20.66'
15.5'
6.33'
28.16'
6.25'
Proposed Concrete Walk
Proposed Concrete Driveway
81.3'
35' SETBACK
To P/L
LOT 86
PLAT BOOK 49
PAGE 41
LOT 84
PLAT BOOK 49
PAGE 41
North
Scale 1"=30'
R/W =
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SUPERVISION FROM AN
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DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet __1__ *of* __1__
PROPERTY ID #: Lot 85; Chesapeake Pointe
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: CP II LLC
ADDRESS: 3125 Presidential Parkway; Suite 200; Atlanta, GA 30340 APPLICATION DATE _____
PROPOSED FACILITY: 5-Bedroom Residence PROPOSED DESIGN FLOW (.1949): 600 GPD DATE EVALUATED: 05/12/2015
LOCATION OF SITE: Lot 85; Chesapeake Pointe Subdivision; Cove Creek Loop PROPERTY SIZE: 0.74 Acres
WATER SUPPLY: ☐Private ☒ Public ☐ Well ☐ Spring ☐ Other _____ PROPERTY RECORDED: 4/30/2007
EVALUATION METHOD: ☒ Auger Boring ☐Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

APPROVED JUN 15 2015

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
AB 1	L 3-5%	0"-24"	R C SBK	SS SP FR NEXP		48"	Few to common saporlite inclusions.	None	.3
		24"-48"	R CL WSBK	SS SP FR NEXP					
AB 2	L 1-2%	0"-24"	R C SBK	SS SP FR NEXP		48"	Few to common saporlite inclusions.	None	.3
		24"-48"	R CL WSBK	SS SP FR NEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1500 FT2	1044 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Michael Athanas and Associates
OTHER(S) PRESENT: _____

COMMENTS: _____

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
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Sheet ____ of ____
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

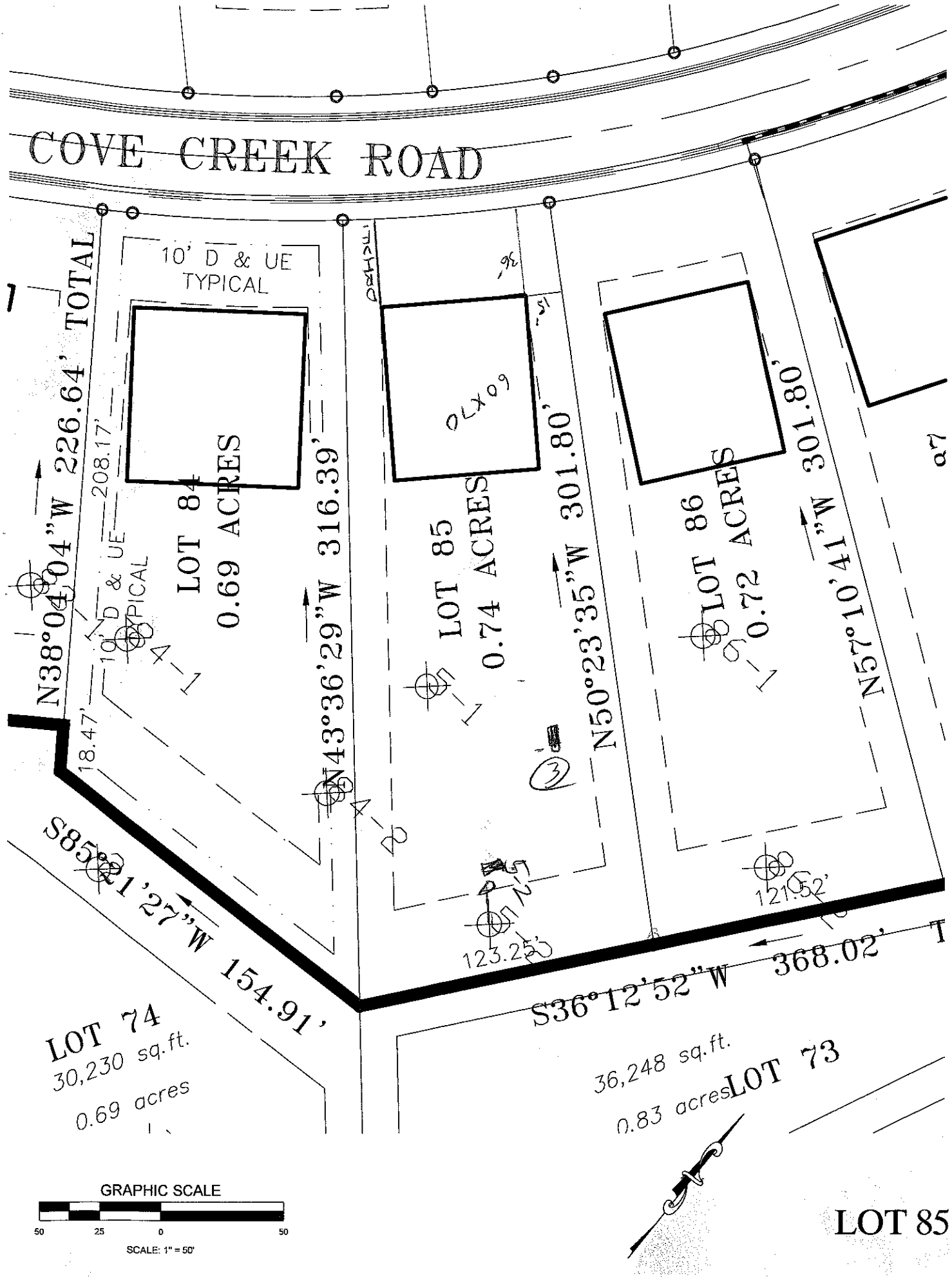
OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 3/17/06
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 4 BR Sept PROPERTY SIZE: _____
LOCATION OF SITE: Lot 85 PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ 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	
1	L 6%	0-4	mgr sl	FR SS/SP	10 br				PS 0.5
		4-27	msbk c	FR SS/SP	R				
		27-52	msbk/msbk cl	FR SS/SP	R F; Sap & WR				
2	L ~6%	0-21	mgr sl	FR SS/SP	Dk. br				PS 0.3
		21-24	msbk c	FR SS/SP	R				
		24-48	msbk cl	FR SS/SP	R F; C Sap. In Lo				
3	11% Pot L	0-2	gr brown sl - fr ss sp						0.3
		2-16	mod msbk red c - fr ss sp		Sap Saturated				
		16-31	wk-mod msbk red cl - fr ss sp		Few common Iron Sap				
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	AM 25% Red	LPP 75% Red
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: SENE, DWH
OTHER(S) PRESENT: _____

COMMENTS: _____


COVE CREEK ROAD
10' D & UE TYPICAL
N38°04'04"W 226.64' TOTAL
208.17'
18.47'
10' D & UE TYPICAL
LOT 84
0.69 ACRES
N43°36'29"W 316.39'
LOT 85
0.74 ACRES
N50°23'35"W 301.80'
LOT 86
0.72 ACRES
N57°10'41"W 301.80'
S85°21'27"W 154.91'
S36°12'52"W 368.02'
121.52'
123.25'
LOT 74
30,230 sq.ft.
0.69 acres
36,248 sq.ft.
0.83 acres
LOT 73
GRAPHIC SCALE
50 25 0 50
SCALE: 1" = 50'
LOT 85