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

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

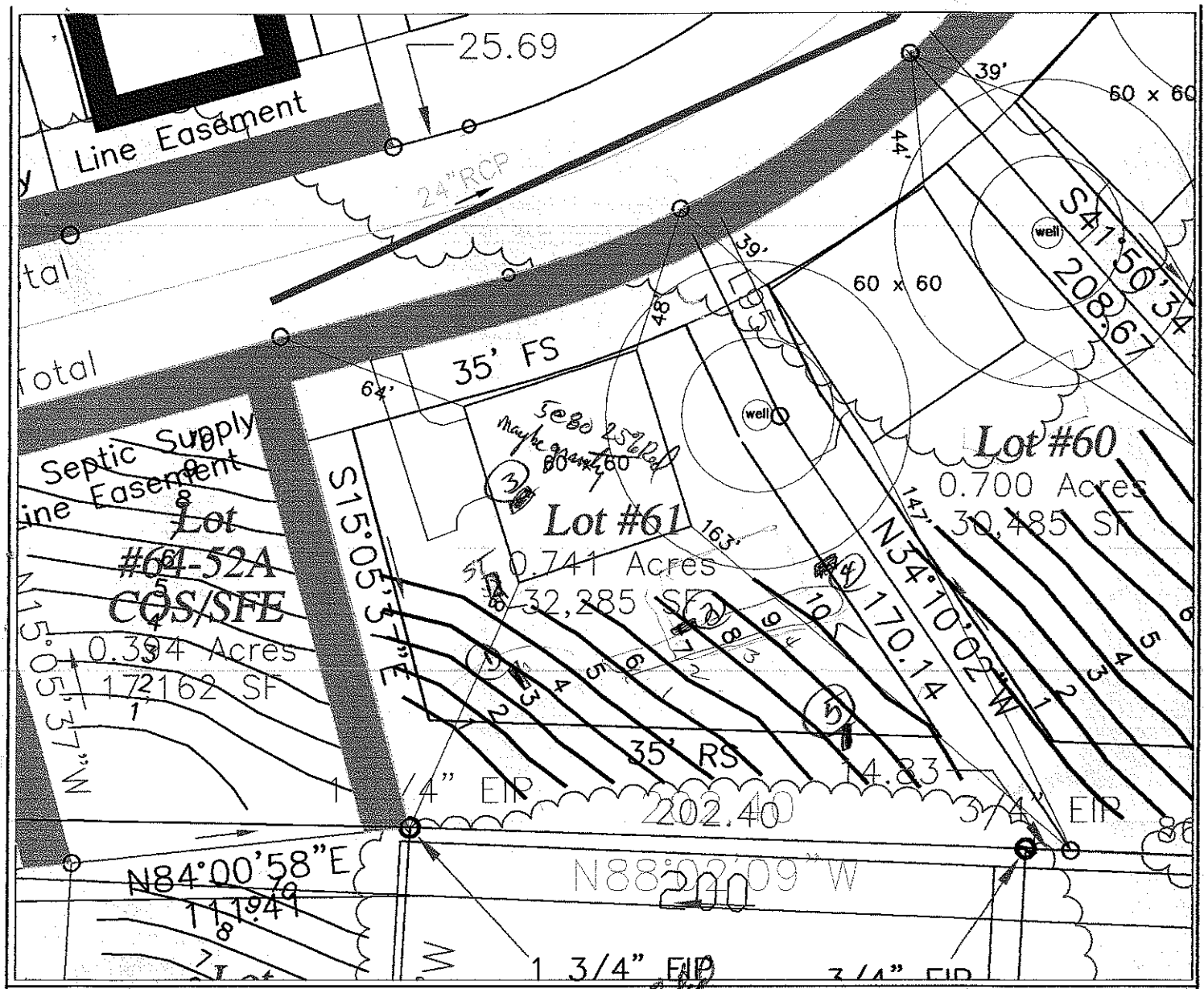
OWNER: Wilbeck — APPLICANT: _____
ADDRESS: _____ — APPLICATION DATE: _____ — DATE EVALUATED: 9-3-04
PROPOSED FACILITY: SFR (of 6) — PROPOSED DESIGN FLOW (.1949): 480 gpd — PROPERTY SIZE: _____
LOCATION OF SITE: Edgewater PK. — PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

#5 0-11 gr-wk sbk sl/scl frssp
11-26 mist sbk RC fr sssp/sspl .3
26-53 wk sbk RCL frsssp

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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-12	gr brwn sl/scl	frsssp					.25-.3
		12-31	mist sbk RCL	frsssp few manganese coatings					
		31-58	wk sbk RCL	frsssp					
2	5% ± L	0-8	gr brwn sl/scl	frsssp					.3
		8-20	mist sbk RCL	frsssp					
		20-46	wk sbk RCL	frsssp					
		46-56	wk sbk mpl	frsssp common mi sspl					
3		0-6	gr-wk sbk brwn sl/scl	frsssp					.3
		6-55	wk sbk brwn-rd CL	frsssp few mi sspl					
4		0-13	gr brwn sl/scl	frsssp					.3
		13-28	mist sbk brwn cl/cl	frsssp few manganese coatings					
		28-59	wk sbk gr cl	frsssp few mi sspl					

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: [signature]
OTHER(S) PRESENT: Wendell Beaty



LEGEND

- Areas contain soils with 24 inches or more of useable material and have potential for conventional and modified conventional septic systems.
- UN — Unsuitable areas.
- Septic Drainlines.
- Temporary Bench Mark (TBM)
- Well Location.

Gravel Fm 25% Red Repair

LP 25% Red Repair

GRAPHIC SCALE
1" = 50'

50 0 50 100

FLAG #	COLOR	ROD READ.	LENGTH
TBM		1.5	
1	R	4.5	50
2	O	5.1	66
3	Y	5.4	85
4	B	6.0	110
5	P	6.5	128
6	R	7.4	97
7	O	8.2	95
8	Y	8.6	93
9	B	9.2	91
10	P	9.7	95

TOTAL FOOTAGE = 909

SYSTEM
- LINES
- FOOTAGE
- SYSTEM TYPE

REPAIR
- LINES
- FOOTAGE
- SYSTEM TYPE

SHEET 1 of 1

SHEET TITLE: SITE PLANS & DRAINFIELD LAYOUT

PROJECT NAME: NIBLOCK DEVELOPMENT CORP. – EDGEWATER PARK III/LOT #61 – IREDELL COUNTY, NORTH CAROLINA NOVEMBER 2005

S&EC Soil & Environmental Consultants, PA
825 Lafferty Court, Suite C • Concord, North Carolina 28027 • Phone (704)782-3455 • Fax (704) 788-9455

FILE: O:\SEC\JOBS\1251

SCALE: 1" = 50'

DRAWN BY: B.A.R.

FIELD WORK: B.A.R.

FIELD W.O. # B.K.

PROJECT MGR.: B.A.R.

PROJECT NO.: 1251