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

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

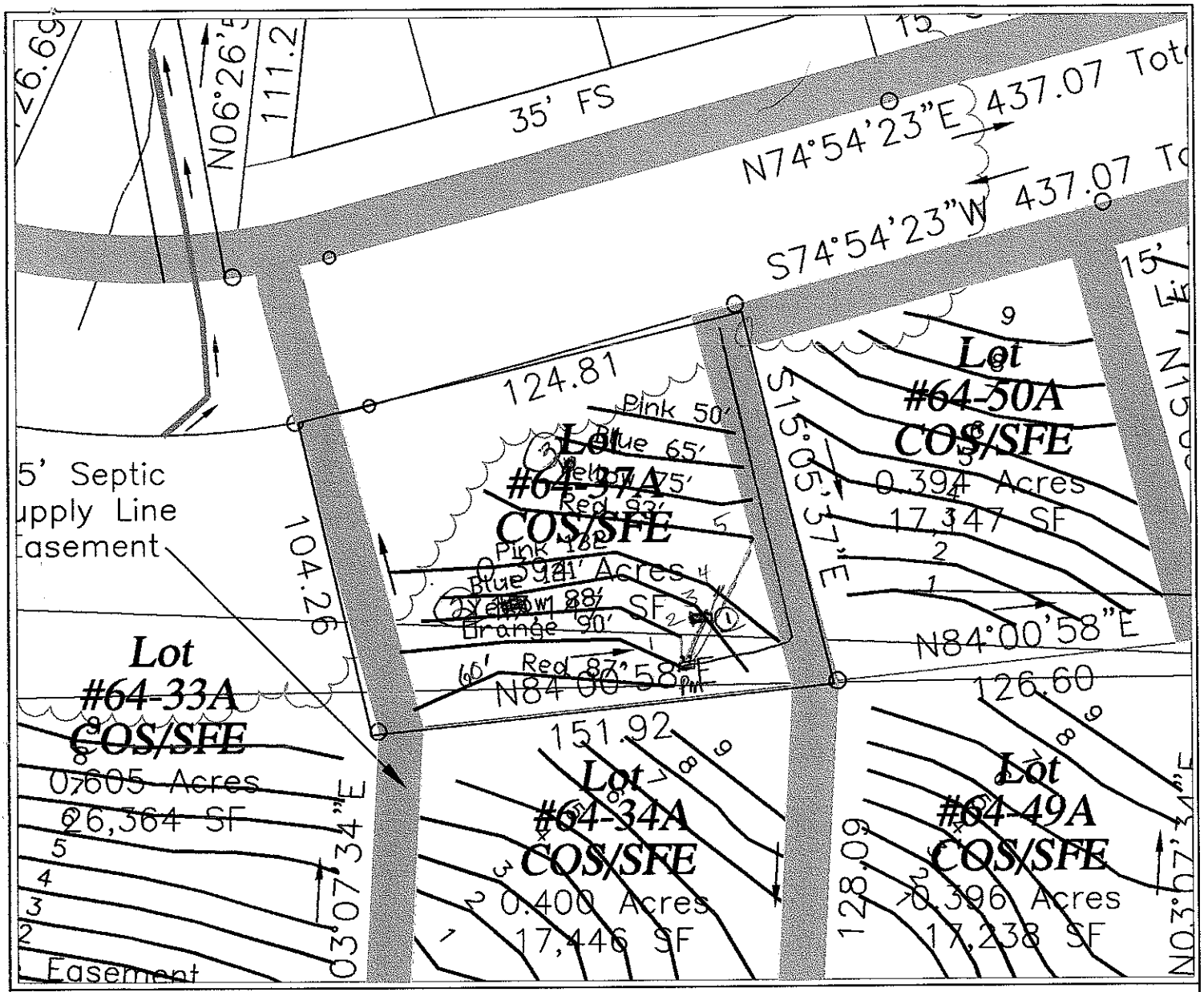
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 9-1-89
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: lot 37A Edgewater PK 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) .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	PROFIL CLASS & LTA
1		0-7	gr L/SiL	frsssp					.3
		7-17	wkfsbk R/dk	frsssp stp					
		17-45	wkfsbk R-yR L	frsssp					
2		0-6	gr fsw-RBrwSL/SiL						.3
		6-16	mfwabk RC	frsssp stp					
		16-48	wkfsbkyR dk/L	frsssp Lawrenceinterbeds					
3	1% S/L ~84' ~35' to front	0-7	wkfsbk R dk	frsssp					.3
		7-25	wkmsbk RC	frsp stp					
		25-48	(BC) wkfsbkyR dk/L	frsssp common micstp					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	pm 25% Red	LPP PBPS
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS SFE – some fluvic
EVALUATED BY: DR Hamer
OTHER(S) PRESENT: Wendell Dowling



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.

GRAPHIC SCALE
1" = 50'

50 0 50 100

Too close to 34A

FLAG #	COLOR	ROD READ.	LENGTH
1	Red	3.4	87'
2	Orange	3.8	90'
3	Yellow	4.7	88'
4	Blue	5.4	121'
5	Pink	6.5	132'
6	Red	7.5	93'
7	Yellow	7.6	75'
8	Blue	8.0	65'
9	Pink	8.2	50'

TOTAL FOOTAGE = 801'

SYSTEM
- LINES
- FOOTAGE
- SYSTEM TYPE

REPAIR
- LINES
- FOOTAGE
- SYSTEM TYPE

SHEET 1 of 1

SHEET TITLE: SITE PLANS & DRAINFIELD LAYOUT

PROJECT NAME: HIBLOCK DEVELOPMENT CORP. – EDGEWATER PARK II/LOT#37-A IREDELL COUNTY, NORTH CAROLINA NOVEMBER 2003

S&EC Soil & Environmental Consultants, PA
226 Lathrop Court, Suite C • Concord, North Carolina 28059 • Phone (704)795-9485 • Fax (704) 795-9486

FILE C:\SEC\JOBS\1251
SCALE 1" = 50'
FIELD WORK S.A.R., W.D. & B.K.
DRAWN BY S.A.R.
PROJECT MGR.
PROJECT NO. 03-1251

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

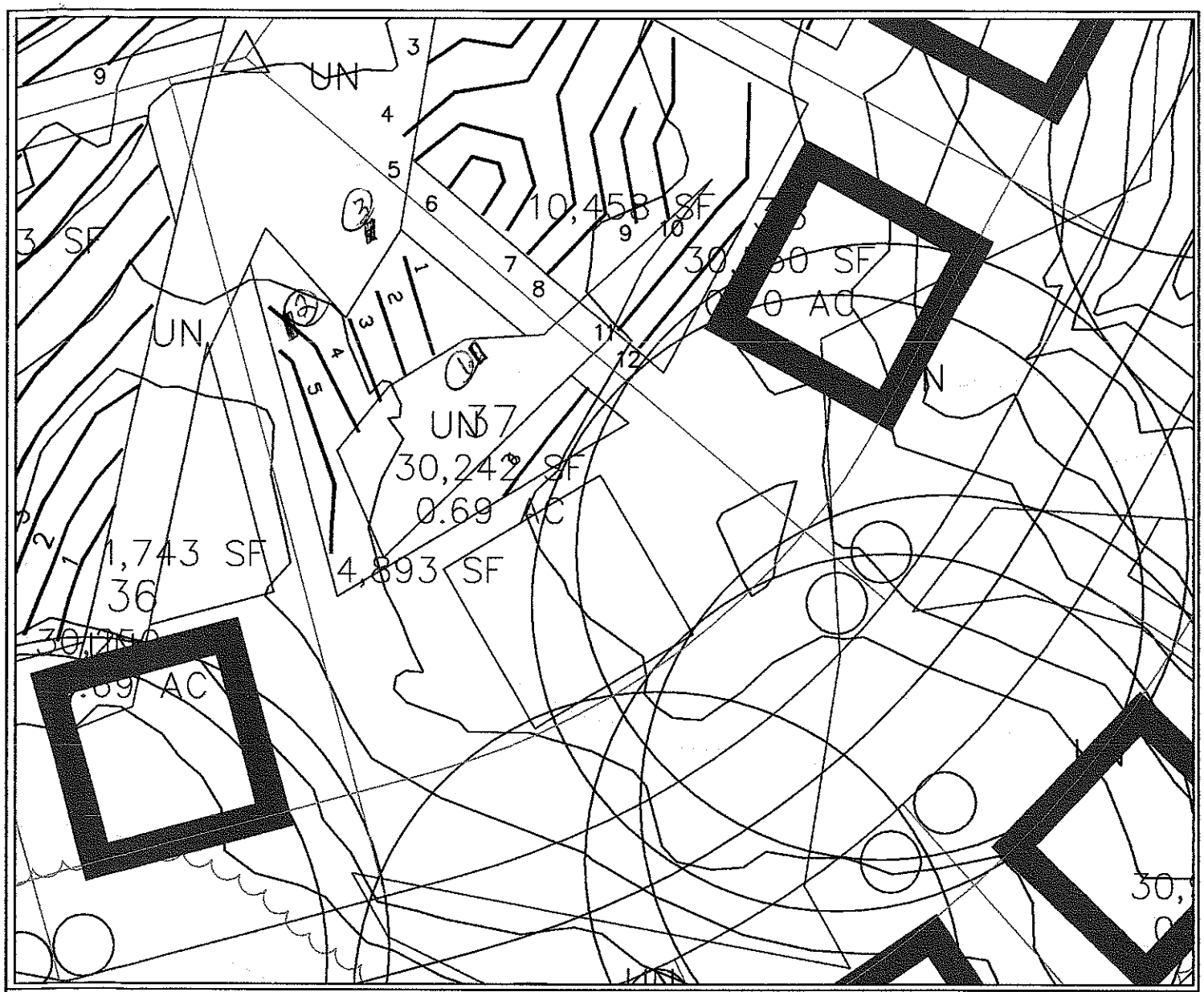
OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 4-15-04
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Lot 37 Phase Edgewater PK PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☑ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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		0-13	gr brn SL	FR					3
		13-31	wk sbk R brn scl	FR SS SP					
		31-45	wk-m sbk RC	FR SP SSP					
		45-58	wk-m sbk gry scl	FR SS SP					
			B-C						
2		0-3	gr brn SL	FR					3
		3-22	m sbk RC	FR SS SP SSP					
		22-60	BK m sbk gry cl	FR SS SP FR vn SP					
3		0-3	gr SL	FR					3
		3-15	m sbk RC/cl	FR SS SP SSP					
		15-33	BrWt sbk gry cl	FR SS SP					
		33-63	massive L/SL SP	FR SS SP					
4									

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____
OTHER(S) PRESENT: _____



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.

GRAPHIC SCALE

1" = 50'

50 0 50 100

FLAG #	COLOR	ROD READ.	LENGTH
1	R	5.6	29'
2	P	5.3	25'
3	O	4.9	26'
4	B	4.5	48'
5	P	3.6	68'
6	P	7.2	46'

SEE LOT# 37A

TOTAL FOOTAGE = 242'

SYSTEM
- LINES
- FOOTAGE
- SYSTEM TYPE

REPAIR
- LINES
- FOOTAGE
- SYSTEM TYPE

SHEET 9 OF

SHEET TITLE: SITE PLANS & DRAINFIELD LAYOUT

PROJECT NAME: NIBLOCK DEVELOPMENT CORP. – EDGEWATER PARK III/LOT#37 – IREDELL COUNTY, NORTH CAROLINA NOVEMBER 2003

S&EC Soil & Environmental Consultants, PA

2256 Lafayette Court, Suite C ■ Concord, North Carolina, 28027 ■ Phone (704)720-9483 ■ Fax (704) 720-9486

FILE: C:\SEC\JOBS\1281
SCALE: 1" = 50'
FIELD WORK: S.A.R.
DRAWN BY: S.A.R.
PROJECT MGR.:
PROJECT NO.: 03-1281