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

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

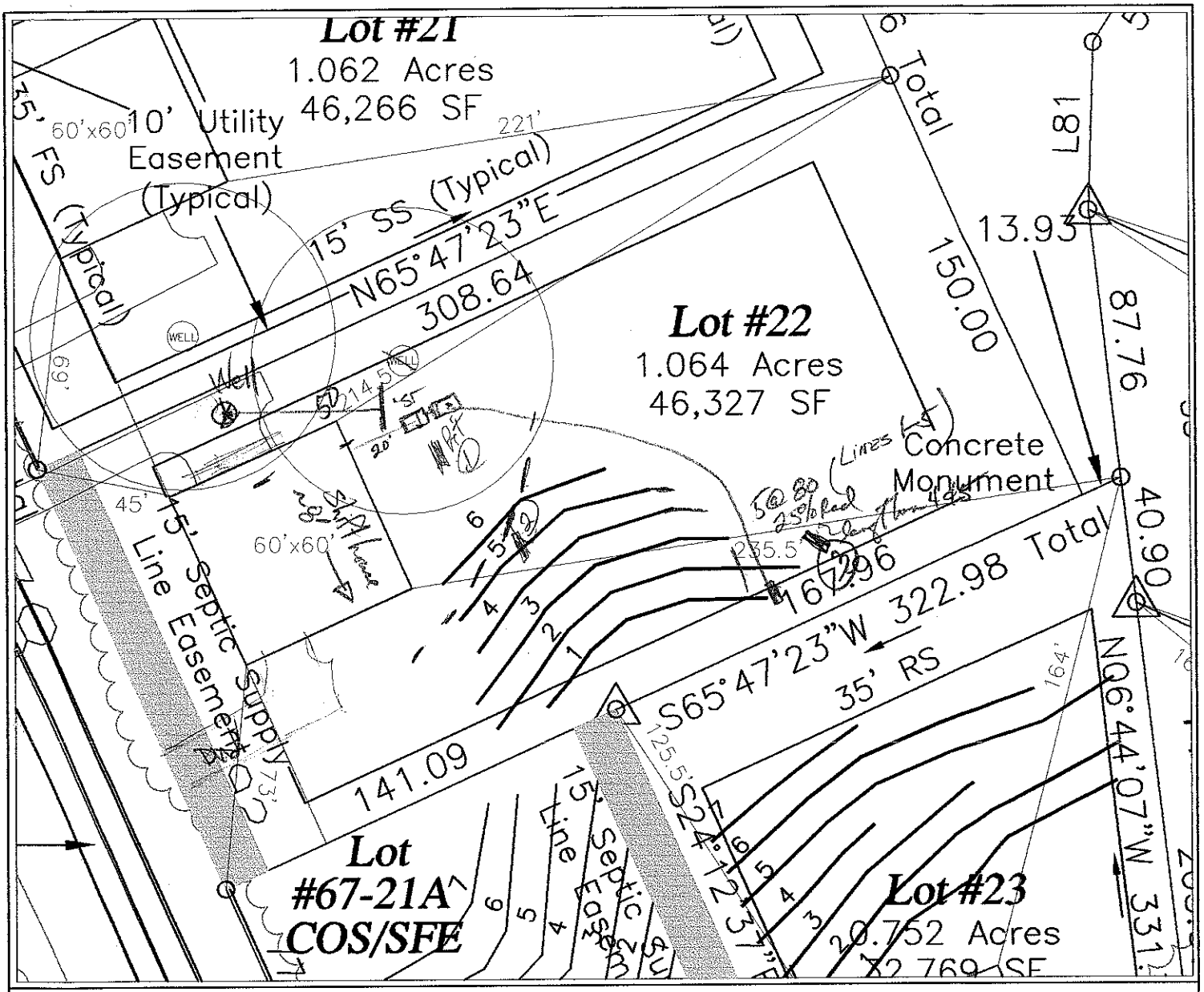
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Whitlock Inc APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 8-31-04
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 1150 gpd PROPERTY SIZE: _____
LOCATION OF SITE: Lot 82 Edgewater Park 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-9	gr wk SBK fsa-l BRN SL/sd	fr SSSP					.25
		9-47	wk-m fSBK R-RBRN C/sl-l	fr SSP	SAP few common manganese coatings				
2	14% ± 4/5	0-9	gr fsa SCL	fr SSSP					.3
		9-24	m fSBK RC	fr SP SLHP					
		24-50	wk fSBK-massive SCL/SL	SHP fr SSSP	wet rock				
3		0-2	gr fsa SCL	fr SSSP					.3
		2-17	m fSBK RC	fr SSSP/SHP					
		17-51	wk fSBK-massive Rx	L/LSHP fr SSSP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	13	13
System Type(s)	pump to bed	pump to SSSBK
Site LTAR	.3	.3 (SSSA)

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS and SPEED
EVALUATED BY: _____
OTHER(S) PRESENT: Wendell Rivenbark



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
TBM		3.0	
1	P	5.5	83
2	R	7.1	120
3	O	8.3	105
4	Y	10.0	70
5	B	11.7	75
6	P	13.6	65

TOTAL FOOTAGE = 518'

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#22 – IREDELL COUNTY, NORTH CAROLINA NOVEMBER 2003

S&EC Soil & Environmental Consultants, PA
836 Lofthill Court, Suite C ▪ Concord, North Carolina 28039 ▪ Phone (704)789-9485 ▪ Fax (704) 789-9486

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

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

Sheet ____ of ____
PROPERTY ID #: ____
COUNTY: ____

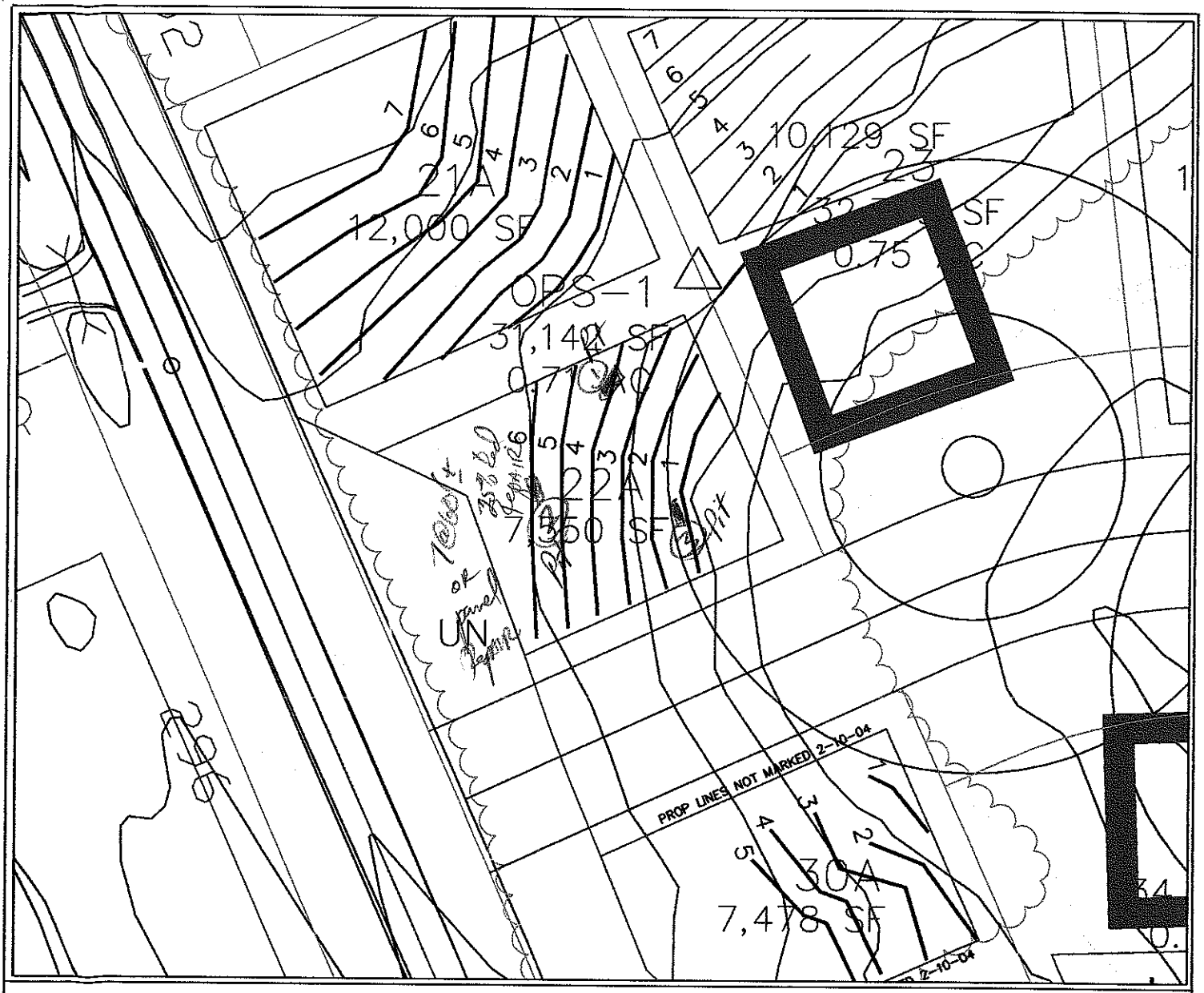
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: N. Black APPLICANT: ____
ADDRESS: ____ APPLICATION DATE: ____ DATE EVALUATED: 8-31-07
PROPOSED FACILITY: ____ PROPOSED DESIGN FLOW (.1949): ____ PROPERTY SIZE: ____
LOCATION OF SITE: lot 22A SFE Edgewater Park 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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFIL CLASS & LTA
1		0-3	gr w/ KSBK brwsl	frssso	few w rock @ horizon change				-3
		3-19	gr KSBK RC	frsosop					
		19-51	wk KSBK RCL	frssp					
2	5%	0-2	gr brwsl	fr					-3
		2-16	mk SBK RC	frsosop					
		16-32	wk SBK VFR CL	frssop					
		32-50	wk SBK VFR CL	frssp					
3		0-2	gr brwsl SL	fr					-3
		2-17	mk SBK RC	frsosop					
		17-47	wk SBK VFR CL	frssp / few wood SAP					
4									

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

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
TBM		2.4	
1	P	1.0	55'
2	O	1.6	70'
3	Y	3.4	78'
4	B	4.3	80'
5	P	5.0	80'
6	R	5.6	80'

TOTAL FOOTAGE = 443'

SYSTEM
- LINES
- FOOTAGE
- SYSTEM TYPE

REPAIR
- LINES
- FOOTAGE
- SYSTEM TYPE

SHEET 10

SHEET TITLE: SITE PLANS & DRAINFIELD LAYOUT

PROJECT NAME: MELOCK DEVELOPMENT CORP. – EDGEWATER PARK III/LOT #22-A IREDELL COUNTY, NORTH CAROLINA NOVEMBER 2003

S&EC Soil & Environmental Consultants, PA
836 Lafayette Court, Suite C ▪ Concord, North Carolina 28027 ▪ Phone (704)720-9455 ▪ Fax (704) 788-9455

PROJECT NO.	03-1251
PROJECT MGR.	S.A.R.
DRAWN BY	S.A.R.
FIELD WORK	S.A.R.
SCALE	1" = 50'
FILE	G:\SEC\JOBS\1251