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: Niblock APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 8-31-04
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE: _____
LOCATION OF SITE: Lot 41 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 & LTA
1	9% V (B-C)	0-5	gr fsl	fr sspo					.3
		5-24	mSBK rc	fr sss/p sspo					
		24-49	wk fsbk yrcl	fr sssp	Rem/sap				
2	11% (B-C)	0-6	gr fsl	fr sspo					.3
		6-15	wk fsbk rc/mSBK rc	fr sss/p					
		15-27	mSBK rc	fr sp sspo					
		27-48	wk fsbk yrcl	fr sssp	Rem/sap				
3	(B-C)	0-3	gr fsl	fr					.3
		3-27	mSBK rc	fr sp sspo					
		27-51	wk fsbk yrcl	fr sssp	Rem/sap				
4	(B-C)	0-7	gr fsl	fr sssp					.3
		7-16	wk fsbk/mSBK rc	fr sss/p					
		16-46	wk mSBK rc	fr sp sspo	Rem/sap				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	pm 25% Red	LPP/BPS

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
2 including 41A
EVALUATED BY: _____
OTHER(S) PRESENT: Wendell Overby, SOEC



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		4.2	
1	R	4.3	44'
2	B	4.6	56'
3	O	4.5	57'
4	Y	4.5	63'
5	B	4.3	67'
6	R	4.5	72'

TOTAL FOOTAGE = 364'

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#41-A
IREDELL COUNTY, NORTH CAROLINA
NOVEMBER 2003

S&EC Soil & Environmental Consultants, PA
236 Loftlake Court, Suite C ▪ Concord, North Carolina 28025 ▪ Phone (704)795-9485 ▪ Fax (704) 795-9486

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

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

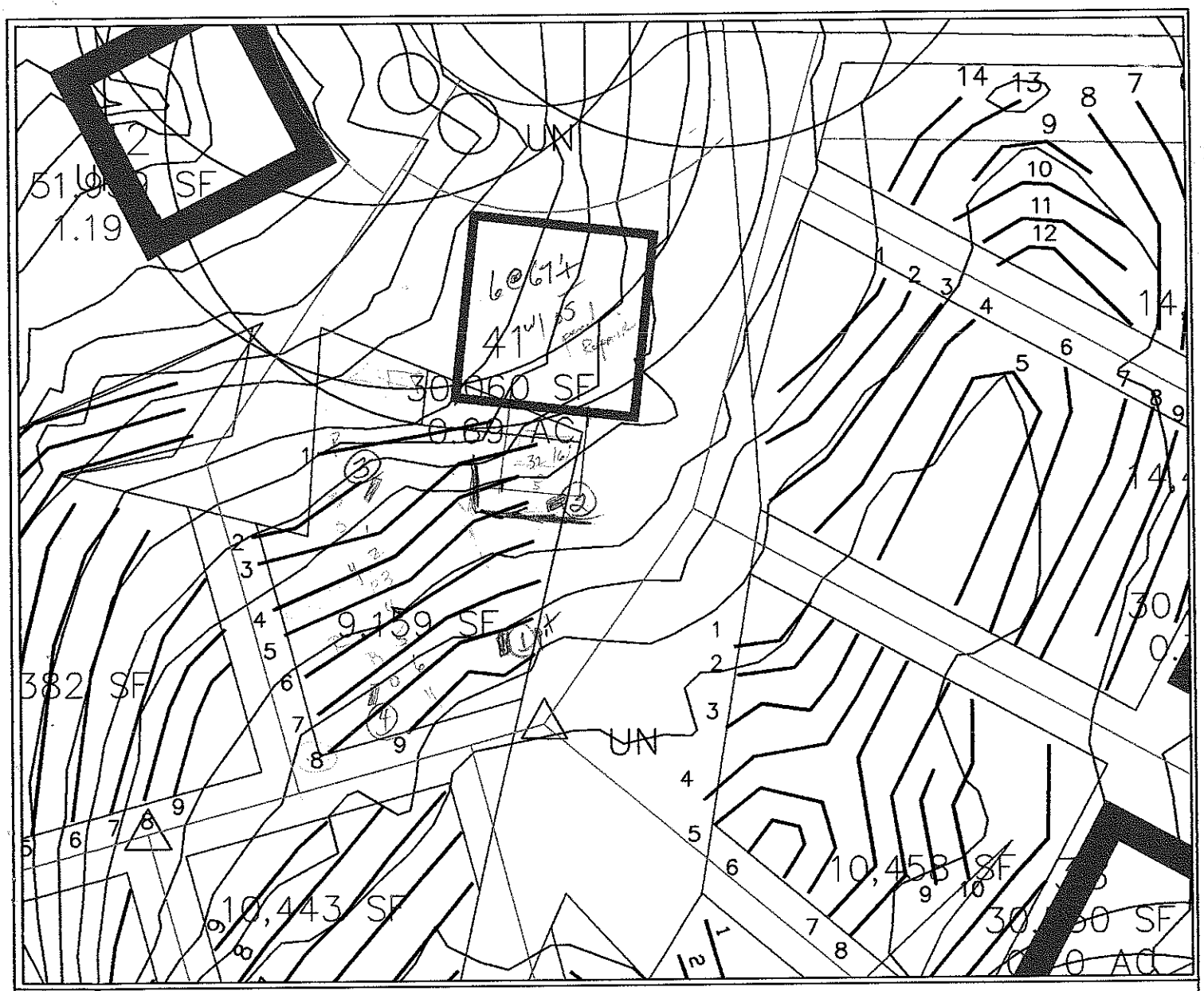
OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 8-31-04
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Lot 41A Sapphire Court Elsewhere Park PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☑ Spring ☐ 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	PROFIL CLASS & LTA
1		0-6	wk sbk rbrn scl	fi-fr sss p					.3
		6-26	m sbk rc	fr ss p sl p					
		26-48 (B-C)	wk sbk lpd	fr ss p					
2		0-13	wk sbk rbrn scl	fr ss sp					.3
		13-46	wk-m sbk rc/d	fr sp sl p					
3		0-9	gr wk sbk brn-rbrn scl	fr ss sp					.03
		9-44	wk-m sbk rc	fr sp sl p					
4		0-7	wk sbk pl brn scl	fr ss sp					.03
		7-25	m sbk, rc	fr ss sp sl p					
		25-45	wk sbk lpd	fr ss sp					

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	10.1	55'
2	B	8.6	40'
3	O	7.3	104'
4	Y	6.1	96'
5	P	5.2	90'
6	R	3.9	88'
7	B	2.8	84'
8	O	1.9	79'
9	Y	1.0	50'

TOTAL FOOTAGE = 686'

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#41 –
IREDELL COUNTY, NORTH CAROLINA
NOVEMBER 2003

S&EC Soil & Environmental Consultants, PA
235 Lafferty Court, Suite C ▪ Concord, North Carolina 28027 ▪ Phone (704)720-9405 ▪ Fax (704) 720-9406

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