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. Starke — APPLICANT: _____
ADDRESS: _____ — APPLICATION DATE: _____ — DATE EVALUATED: 8-31-04
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 480gpd — PROPERTY SIZE: _____
LOCATION OF SITE: Lot 54 Edgewater Park phs 3 — 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	5%	0-12	gr wk fsbk sl/scl	fr sss sp					-3
		12-46	wk-m fsbk rc	fr so sek p					
2	5% 9%	0-7	gr dw sl	fr sss sp					.3
		7-30	m fsbk rc	fr so sek p					
		30-47	(rc) wk fsbk pyrch	fr sss sp few coarse sk p					
3	lot 54 profile 5%	0-7	wk fsbk rd brn scl	fr sss sp					.3
		7-27	m fsbk rc	fr so sek p					
		24-47	(bc) wk fsbk pyrch	fr sss sp few coarse sk p					
4	11%	0-7	gr dw sl	fr sss sp					.3
		7-14	wk fsbk rd brn scl	fr sss sp					
		14-30	m fsbk rc	fr so sek p					
		30-46	(bc) wk fsbk pyrch	fr sss sp few coarse feldspar					

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS and SFESAP
EVALUATED BY: [signature]
OTHER(S) PRESENT: [illegible]

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

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

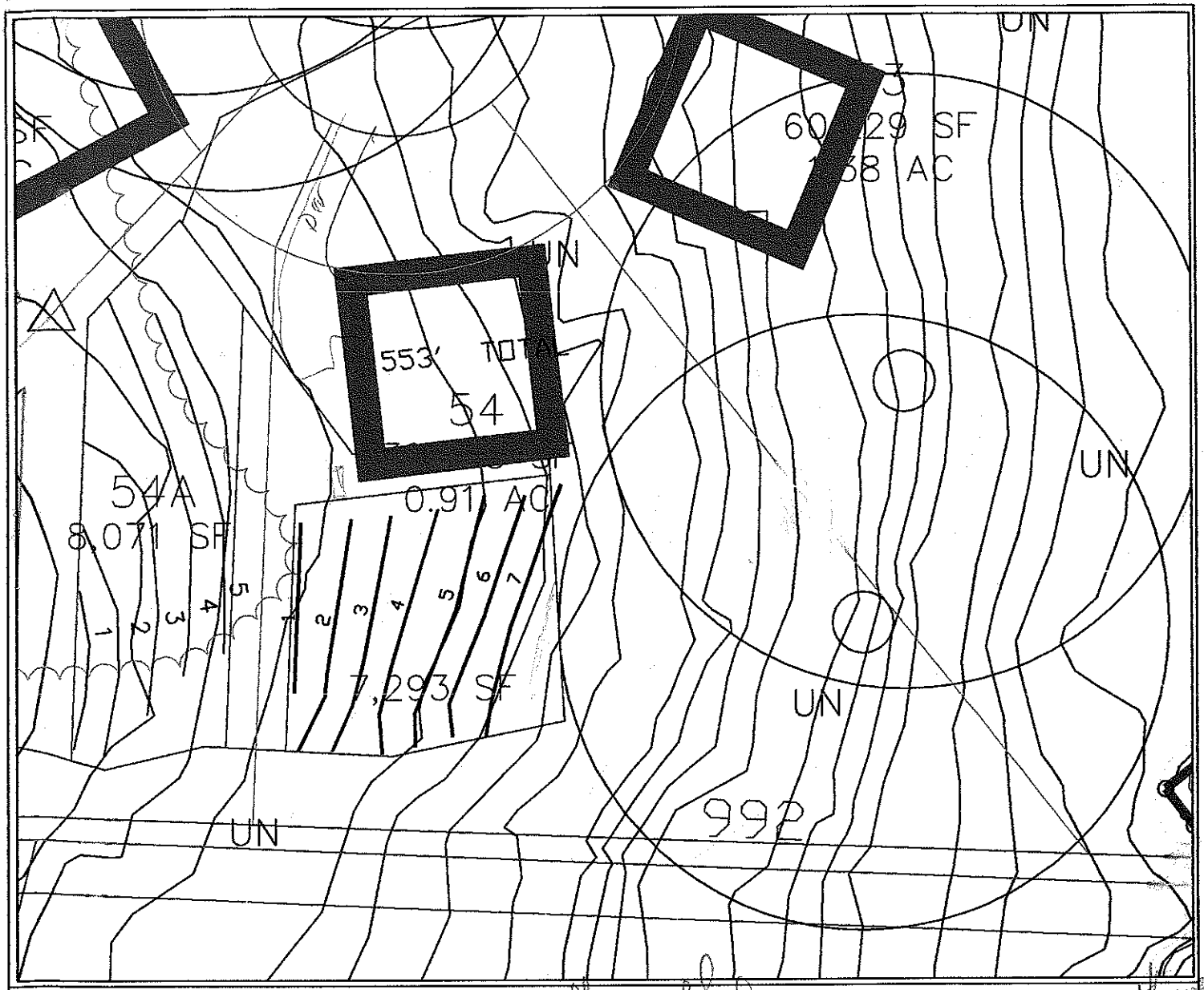
OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 8-3-04
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: lot 54 Edgewater Park PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTA
1		0-25	wk fsk dbn-rbn sl/scl	frssso					.3
		25-49	mfskRc	frspsqo					
2		0-12	wk fsk rbn scl	frssso					.3
		12-47	wk-mfskRc/cl	frssspqo					
3									
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.

Small BT probably
DROP Pump
50 or 30 L

GRAPHIC SCALE
1" = 50'

50 0 50 100

Do not cut lower
houses or pump
will be required

FLAG #	COLOR	ROD READ.	LENGTH
1	P	2.4	53'
2	B	3.2	78'
3	O	4.7	79'
4	R	6.0	85'
5	Y	7.3	87'
6	B	8.5	83'
7	P	9.6	88'

TOTAL FOOTAGE = 553'

SYSTEM
- LINES
- FOOTAGE
- SYSTEM TYPE

REPAIR
- LINES
- FOOTAGE
- SYSTEM TYPE

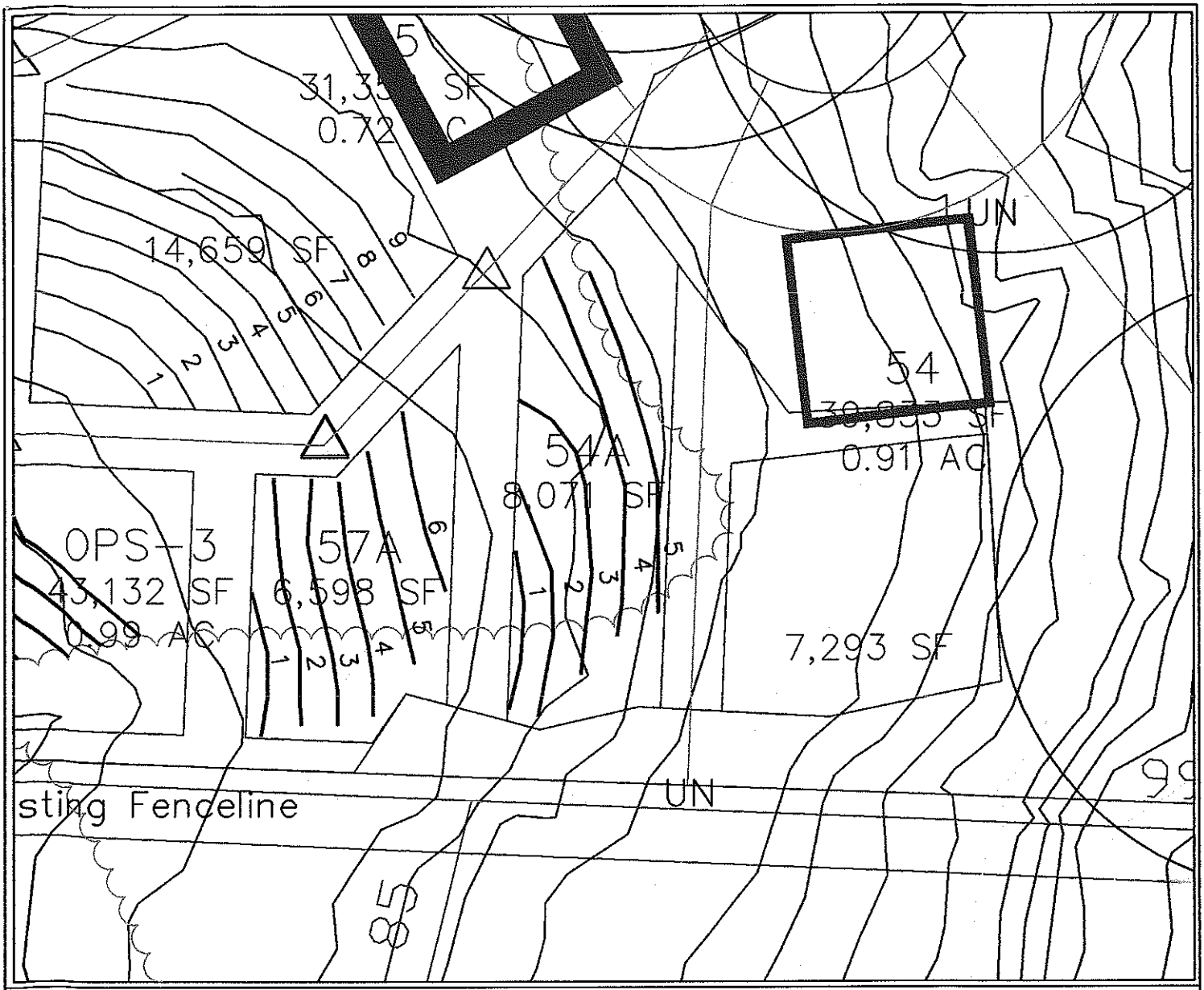
SHEET 2 of 2

SHEET TITLE: SITE PLANS & DRAINFIELD LAYOUT

PROJECT NAME: NIBLOCK DEVELOPMENT CORP. – EDGEWATER PARK III/LOT#54 – IREDELL COUNTY, NORTH CAROLINA NOVEMBER 2003

S&EC Soil & Environmental Consultants, P.A.
226 Lafferty Court, Suite C ▪ Concord, North Carolina 28025 ▪ Phone (704)720-5465 ▪ Fax (704) 720-5466

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



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.

25-50% Rpr

GRAPHIC SCALE
1" = 50'

50 0 50 100

FLAG #	COLOR	ROD READ.	LENGTH
TBM		4.0	
1	P	2.6	50'
2	R	3.0	75'
3	O	3.8	100'
4	Y	4.6	125'
5	B	5.7	115'

TOTAL FOOTAGE = 465'

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 III/LOT #54–A
IREDELL COUNTY, NORTH CAROLINA
NOVEMBER 2003

S&EC Soil & Environmental Consultants, PA
826 LeMay Court, Suite C ▪ Concord, North Carolina 28027 ▪ Phone (704) 720-9485 ▪ Fax (704) 720-9486

FILE C:\SEC\JOBS\1261
SCALE 1" = 50'
FIELD WORK S.A.R., W.O. & B.K.
DRAWN BY S.A.R.
PROJECT MGR. S.A.R.
PROJECT NO. 03-1261