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

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

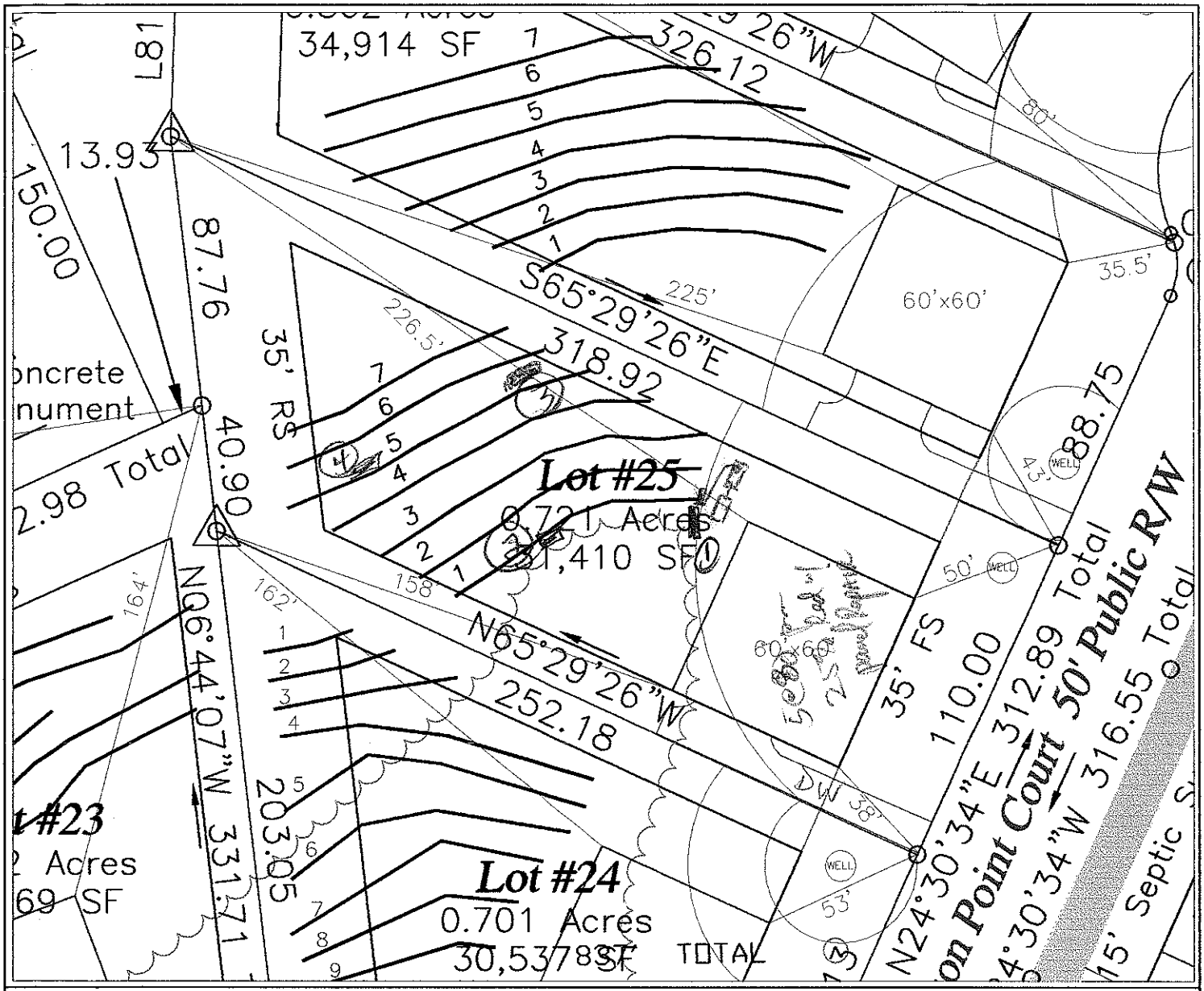
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: N. Hoke — APPLICANT: _____
ADDRESS: _____ — APPLICATION DATE: _____ — DATE EVALUATED: 9-16-04
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 480 gpd — PROPERTY SIZE: _____
LOCATION OF SITE: Lot 25 The 2 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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-10	gr fsa sl	fr sso p					.3
		10-18	wk fsbk rbrn c	fr so se p					
		18-55	wk fsbk-mass ls p	fr sss p	few ind c/d				
			100' well radius						
2	10% slope	0-8	gr-wk fsbk brn sl	fr					.3
		8-19	m fsbk rc	fr so-sss p so p					
		19-56	(B-C) wk fsbk yr cl	fr sss p common ind so p					
3		0-2	gr brn sl	fr					.3
		2-20	m fsbk rc	fr so-sss p so p					
		20-60	(B-C) wk fsbk yr cl	fr sss p so p	few common ind so p				
4		0-2	gr brn sl	fr					.3
		2-24	m fsbk rc	fr so p					
		24-55	wk fsbk yr cl/c rc	fr sss p	few ind so p				

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: DH
OTHER(S) PRESENT: Wendell Cheek



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		9.4	
1	R	1.4	80
2	O	2.8	95
3	Y	4.0	112
4	B	4.9	107
5	P	5.4	102
6	R	5.9	95
7	O	6.6	80

TOTAL FOOTAGE = 671'

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 #25 –
IREDELL COUNTY, NORTH CAROLINA
NOVEMBER 2005

S&EC Soil & Environmental Consultants, PA
536 Laffitte Court, Suite C # Concord, North Carolina 28029 # Phone (704)795-9485 # Fax (704) 795-9486

FILE C:\SEC\JOBS\1251
SCALE 1" = 50'
DRAWN BY S.A.R.
FIELD WORK S.A.R., W.O. & B.K.
PROJECT MGR. S.A.R.
PROJECT NO. 05-1251