RTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
ISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

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

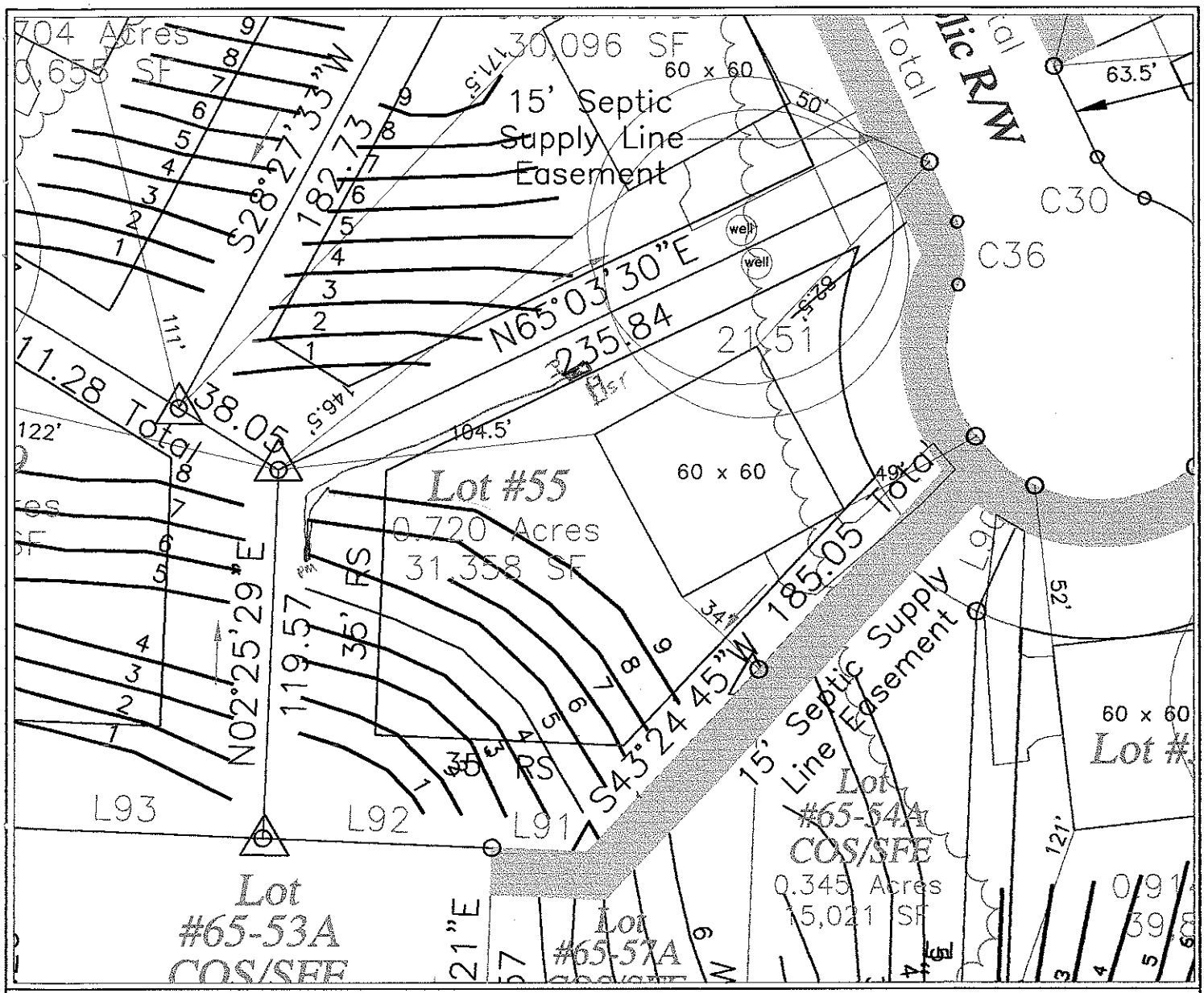
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: W. Hooks — APPLICANT: ___
ADDRESS: ___ — APPLICATION DATE: ___ — DATE EVALUATED: 9-3-09
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 480 gpd — PROPERTY SIZE: ___
LOCATION OF SITE: Lot 55 Elevation 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 & LTAR
1		0-13	gr fsl	fr SS SP					.3
		13-44	wk f sbk clay	fr SS SP					
		44-57	wk f sbk gr cl cl	fi-fr SS SP					
2	4% S	0-5	gr fsl	fr					.3
		5-25	wk f sbk rc	fr SS SP SP					
		25-57	wk f sbk gr cl	fi SP SP					
3		0-8	gr fsl	fr SS SP					.3
		8-24	wk f sbk clay sl	fr SS SP SP					
		24-56	wk f sbk rd cl	fr SS SP					
4		0-10	gr fsl	fr SS SP	few manganese coatings				.3
		10-23	wk f sbk cl rd cl	fr SS SP					
		23-42	m f sbk rd cl	fr SS SP SP					
		42-56	wk f sbk rd cl	fr SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	75	75
System Type(s)	pon 25% Red	LP 25-50% Red
Site LTAR	.3	.3

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: DRH
OTHER(S) PRESENT: Wendell Crosby



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		3.6	
1	R	2.6	50
2	O	2.8	72
3	Y	3.4	95
4	B	3.9	113
5	P	4.6	125
6	R	5.1	128
7	O	5.6	85
8	Y	6.2	138
9	B	6.7	143

TOTAL FOOTAGE = 949

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 #55 – IREDELL COUNTY, NORTH CAROLINA NOVEMBER 2003

S&EC Soil & Environmental Consultants, PA

256 Leffler Court, Suite C • Concord, North Carolina 28027 • Phone (704) 782-3485 • Fax (704) 782-3486

FILE: C:\SEC\JOBS\12251

SCALE: 1" = 50'

FIELD WORK: S.A.R., W.O. & B.K.

DRAWN BY: S.A.R.

PROJECT MGR.: S.A.R.

PROJECT NO.: 03-12251