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

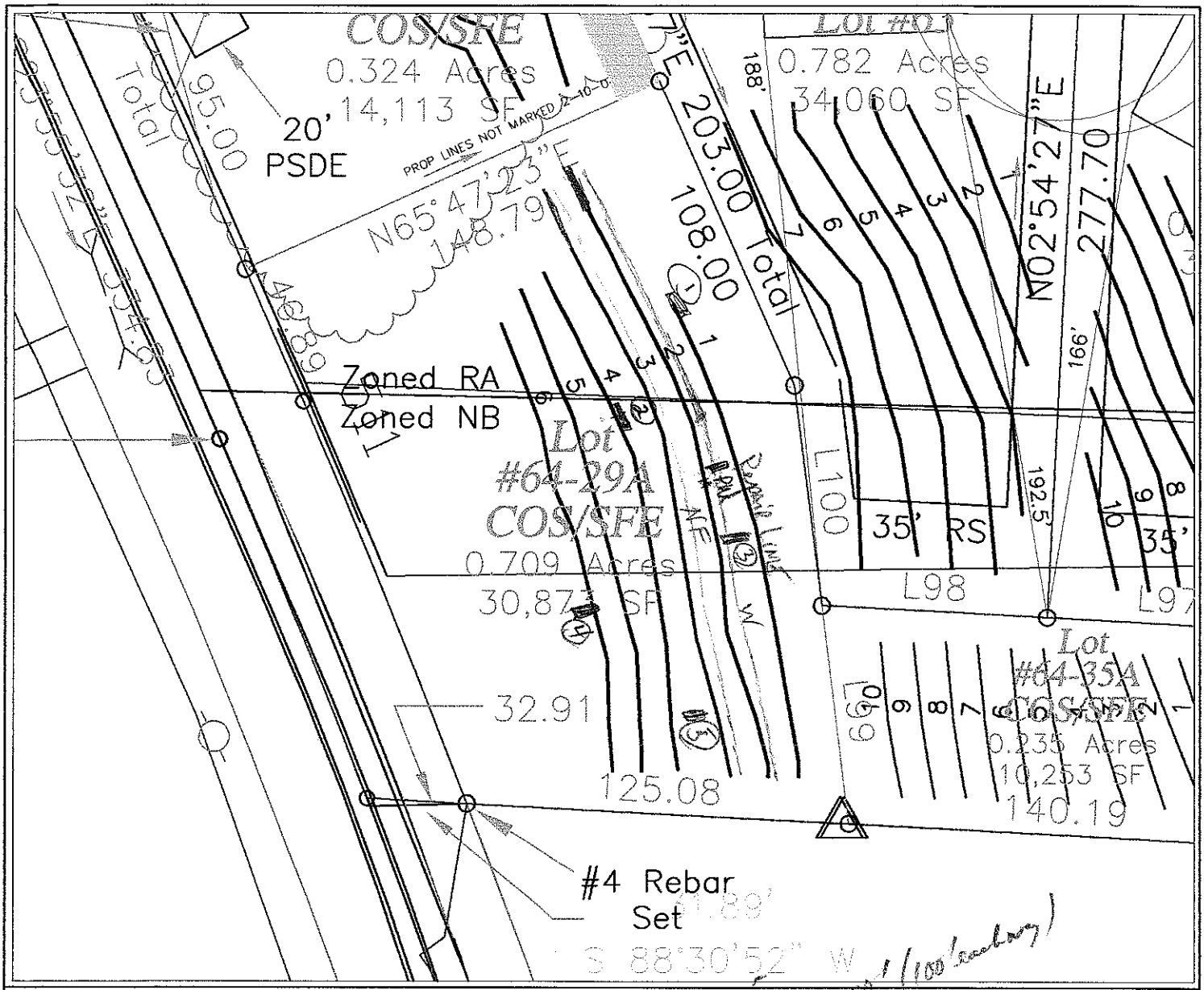
OWNER: N. Block
APPLICANT: ___
ADDRESS: ___
APPLICATION DATE: ___
DATE EVALUATED: 8-31-04
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 480 gpd
PROPERTY SIZE: ___
LOCATION OF SITE: Lot 29 & Str Shawnee Park
PROPERTY RECORDED: ___
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

#5 0-9 gr fr/sl/scl frssp
9-19 wk fsbk r fr/scl frssp
19-45 m fsbk rc frsp sph

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	10% + S	0-7	gr fr/sl/scl	fr ss sp					.3
		7-17	m fsbk rc	fr ss sp					
		17-36	wk fsbk rc/cl	fr ss sp					
		36-48	mottled rc/scl/sap	fr ss sp					
2		0-13	gr fr/sl/scl	fr ss sp					.3
		13-36	m fsbk rc	fr ss sp					
		36-49	wk fsbk cl/c	fr ss sp	few mott sap				
3		0-7	gr sl/scl	fr ss sp					.3
		7-30	wk fsbk scl	fr ss sp					
		30-47	wk fsbk rcl	fr ss sp					
4	≤5% FIT	0-17	gr brn/scl	fr ss sp					.25
		17-33	wk fsbk dk brn c/cl	fr ss sp	few common mn gravel coatings				
		33-46	wk fsbk red-yel c/cl	fr ss sp	few w. rock				

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

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS SFE
EVALUATED BY: DRA
OTHER(S) PRESENT: Wendell Overby



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		1.4	
1	R	1.6	158'
2	O	2.9	195'
3	Y	3.9	180'
4	B	4.8	170'
5	P	5.2	160'
6	R	5.6	150'

TOTAL FOOTAGE = 1013'

SYSTEM
- LINES
- FOOTAGE
- SYSTEM TYPE

REPAIR
- LINES
- FOOTAGE
- SYSTEM TYPE

SHEET 1 OF 1

SHEET TITLE: SITE PLANS & DRAINFIELD LAYOUT

PROJECT NAME: HANLOCK DEVELOPMENT CORP. – EDGEWATER PARK III/LOT#29-A IREDELL COUNTY, NORTH CAROLINA NOVEMBER 2003

S&EC Soil & Environmental Consultants, P.A.
836 Lafayette Court, Suite C • Concord, North Carolina 28027 • Phone (704) 720-9485 • Fax (704) 788-9486

FILE G:\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