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: 9-3-04
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 480 gpd — PROPERTY SIZE: ___
LOCATION OF SITE: Lot 57 Edgewater Park phase III — PROPERTY RECORDED: ___
WATER SUPPLY: ~~Private~~ ☐ Public ~~Well~~ ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ~~Pit~~ ☐ Cut
TYPE OF WASTEWATER: ~~Sewage~~ ☐ Industrial Process ☐ Mixed

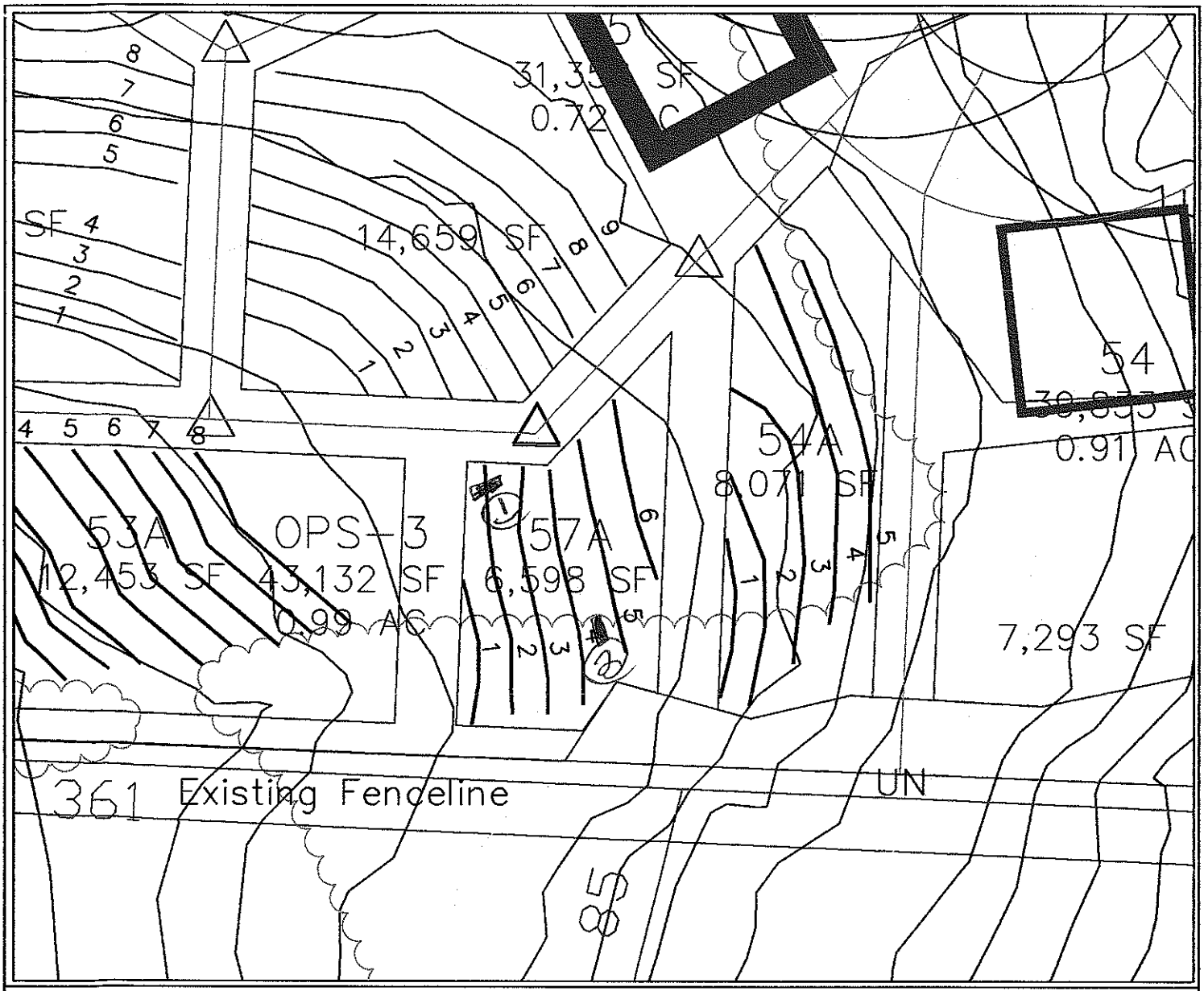
Design appl @ .25 (highest)

Aff #5 12-17-04 — 0-6 pm scl fr 6-68 sbk cpl. fr ssp-ss sp .25

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		0-16	gr lsm SL	fr sss sp					.25
		16-41	wk-mod sbk rbrn cl	fr sss sp	common manganese coatings				
		41-47	wk-mod rc	fi fr sl sbx sp					
		47-57	wk sbk gyish brn cl	fi fr sss sp	few mica sp				
2	2-5% L	0-5	gr lsm SL	fr sss sp					.25
		5-36	wk-mod sbk rbrn cl	fr sss sp	few-common yellow mottles, few manganese coats				
		36-55	wk mod sbk rbrn cl	fi sl sbx sp	common manganese coats, common yellow mottles (few ch 2/3)			24" max 16	
3		0-6	gr lsm SL	fr sss sp					.3
		6-26	wk-mod sbk red cl	fr sss sp					
		26-60	wk sbk gyish brn cl	fr sss sp	few mica sp				
4		0-13	gr lsm SL	fr sss sp					.275 @ 36"
		13-48	wk-mod sbk rbrn cl	fr sss sbx sp	common manganese 36" +				
		48-56	wk mod sbk rc	fi sl sbx sp	48% + common yellow mottles few ch 2				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	pm 25% Red	pm LPP 25-50% Red
Site LTAR	.25	.3 (57A)

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS and SFE 57A
EVALUATED BY: DM Hanson
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	P	2.1	50'
2	R	2.4	80'
3	O	2.8	75'
4	Y	3.7	75'
5	B	4.4	70'
6	P	4.8	50'

TOTAL FOOTAGE = 400'

SYSTEM
- LINES _____
- FOOTAGE _____
- SYSTEM TYPE _____

REPAIR
- LINES _____
- FOOTAGE _____
- SYSTEM TYPE _____

SHEET 1 OF 1

SHEET TITLE: SITE PLANS & DRAINFIELD LAYOUT

PROJECT NAME: NEILOCK DEVELOPMENT CORP. – EDGEWATER PARK III/LOT#57-A REDELL COUNTY, NORTH CAROLINA NOVEMBER 2003

S&EC Soil & Environmental Consultants, PA
226 Loffville Court, Suite C ▪ Concord, North Carolina 28039 ▪ Phone (704)782-9483 ▪ Fax (704) 782-9486

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

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

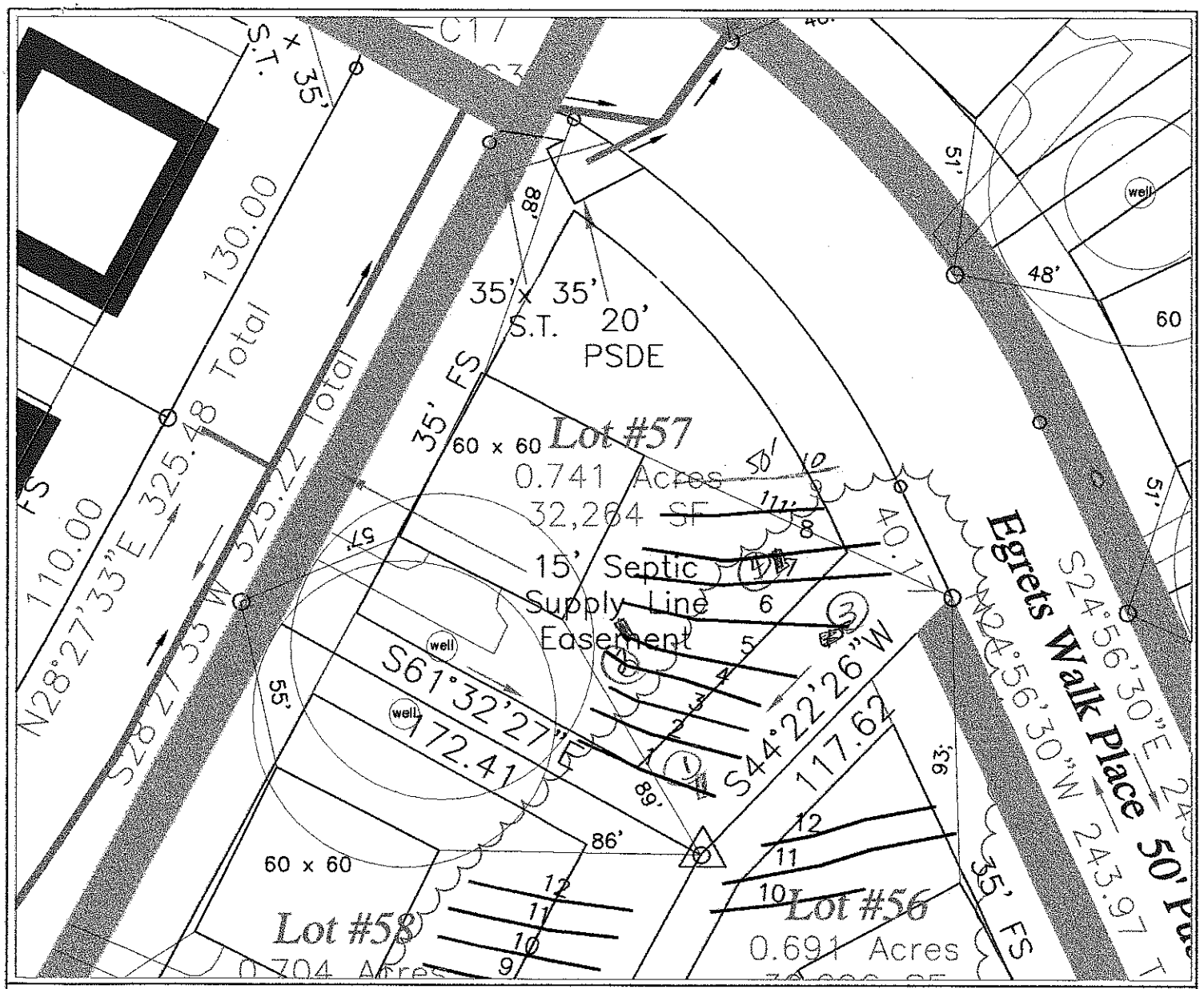
OWNER: ___ APPLICANT: ___
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: 9-3-04
PROPOSED FACILITY: ___ PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: ___
LOCATION OF SITE: lot 57A Edgewater PK PROPERTY RECORDED: ___
WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-9	gr sndy sl	fr sssp					3
		9-46	wk-mdst pr cpd	fr sssp					
		46-59	wk fsbk rel	fr sssp	common med faint				
2		0-10	gr sndy l	vfr sssp					3
		10-31	wk fsbk rc	fr sssp					
		31-58	wk fsbk rel	fi fr sssp	few med faint				
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.

GRAPHIC SCALE
1" = 50'

50 0 50 100

FLAG #	COLOR	ROD READ.	LENGTH
1	Red	.5	49
2	Orange	2.0	50
3	Yellow	1.8	49
4	Blue	2.7	54
5	Pink	3.0	59
6	Red	3.6	66
7	Yellow	4.0	87
8	Blue	4.7	79
9	Pink	4.9	55

TOTAL FOOTAGE = 547'

SYSTEM
- LINES
- FOOTAGE
- SYSTEM TYPE

REPAIR
- LINES
- FOOTAGE
- SYSTEM TYPE

SHEET 1 of 1

SHEET TITLE:
SITE PLANS
&
DRAINFIELD LAYOUT

PROJECT NAME:
MIDLOCK DEVELOPMENT CORP.
– EDGEWATER PARK III/LOT #57 –
IREDELL COUNTY, NORTH CAROLINA
NOVEMBER 2003

S&EC
Soil & Environmental Consultants, P.A.
256 Lathrop Court, Suite C • Concord, North Carolina 28039 • Phone (704)720-9485 • Fax (704) 720-9486

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.: 03-1251

Revisit - Lo torf line
HT beat 30' - Subsoils
2 pink Sees'd Flood pm

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: 9-3-04
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 4BR@ 120 gpd PROPERTY SIZE: ___
LOCATION OF SITE: Lot 57 Edgewater Park phase III PROPERTY RECORDED: ___
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

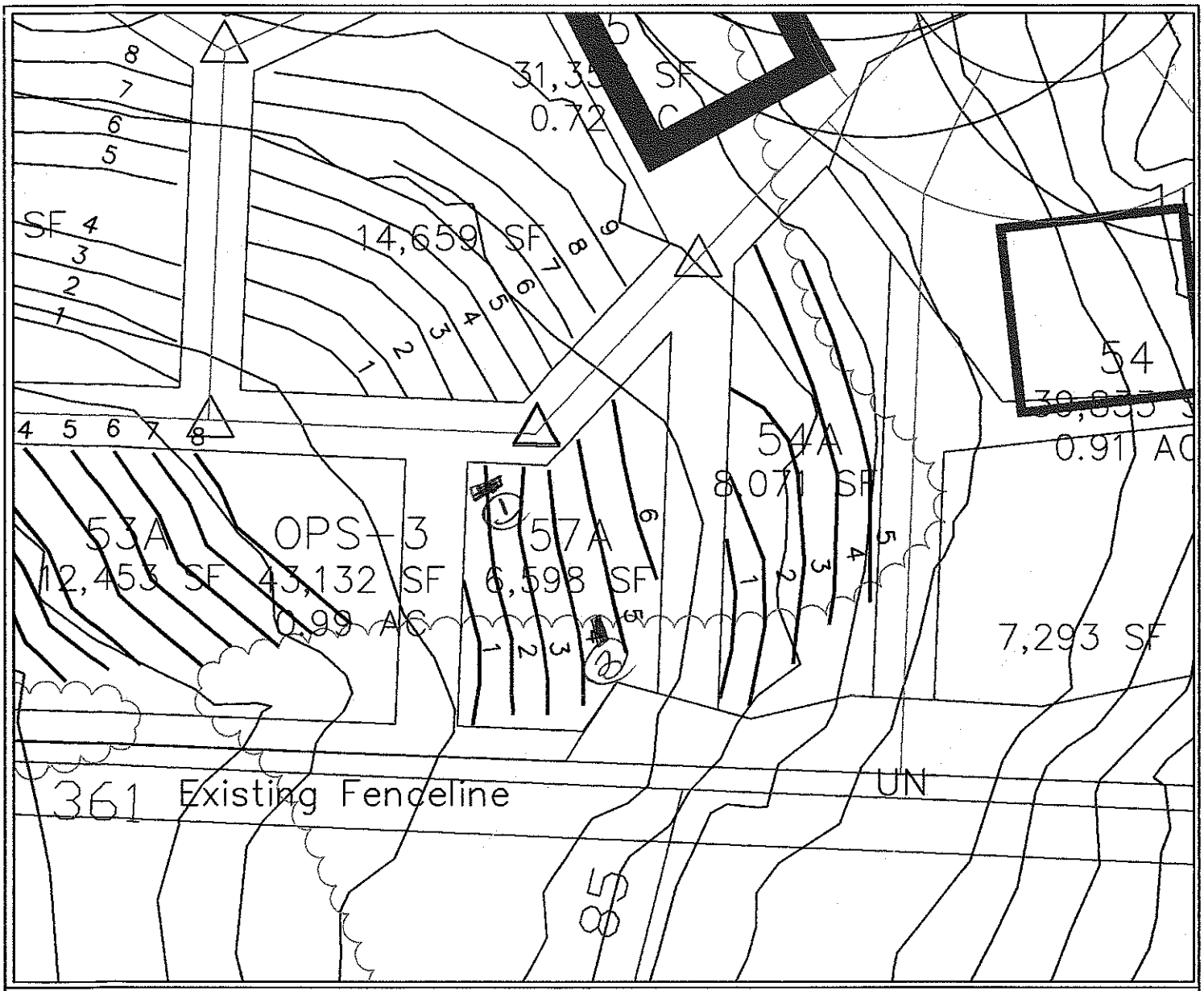
Design suitability @ .25 (Inspect)

AH #5 12-7-04 0-6 brn sl fr 6-48 sdk cl fr sp-st sp .25

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		0-16	gr brn SL	fr SSSP					.25
		16-41	wk-m sbk R brn cl	fr SSSP	common manganese coatings				
		41-47	wk f sbk R rc	fi fr SS SP					
		47-57	wk f sbk gy red L	fr SSSP	few mica SP				
2	2-5% L	0-5	gr brn SL	fr SSSP					.25
		5-36	wk m sbk R brn cl	fr SSSP	few common gravel mottles, few manganese coats				
		36-55	wk m sbk R brn cl	fi SP SSP	common manganese coats common yellow mottles (few dk 2/3)			24" max 16	
3		0-6	gr brn SL	fr SSSP					.3
		6-26	wk m sbk red cl	fr SSSP SP					
		26-60	wk f sbk gy red	fr SSSP	few mica SP				
4		0-13	gr brn SL	fr SSSP					.275 @ 36"
		13-48	wk m sbk R brn cl	fr SSSP SSP	36" + common manganese 48" + common yellow mottles few dk 2/2				
		48-56	wk m sbk R rc	fi SP SSP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	PM 25% Red	PM LPP 25-50% Red
Site LTAR	.25	.03 (57A)

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS and SFE 57A
EVALUATED BY: DM Lamm
OTHER(S) PRESENT: Wendell Crowley



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	P	2.1	50'
2	R	2.4	80'
3	O	2.8	75'
4	Y	3.7	75'
5	B	4.4	70'
6	P	4.8	50'

TOTAL FOOTAGE = 400'

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 #57–A IREDELL COUNTY, NORTH CAROLINA NOVEMBER 2003

S&EC Soil & Environmental Consultants, PA
235 Loftridge Court, Suite C ■ Concord, North Carolina 28027 ■ Phone: (704)720-9485 ■ Fax: (704) 720-9486

FILE C:\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. 06-1251

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

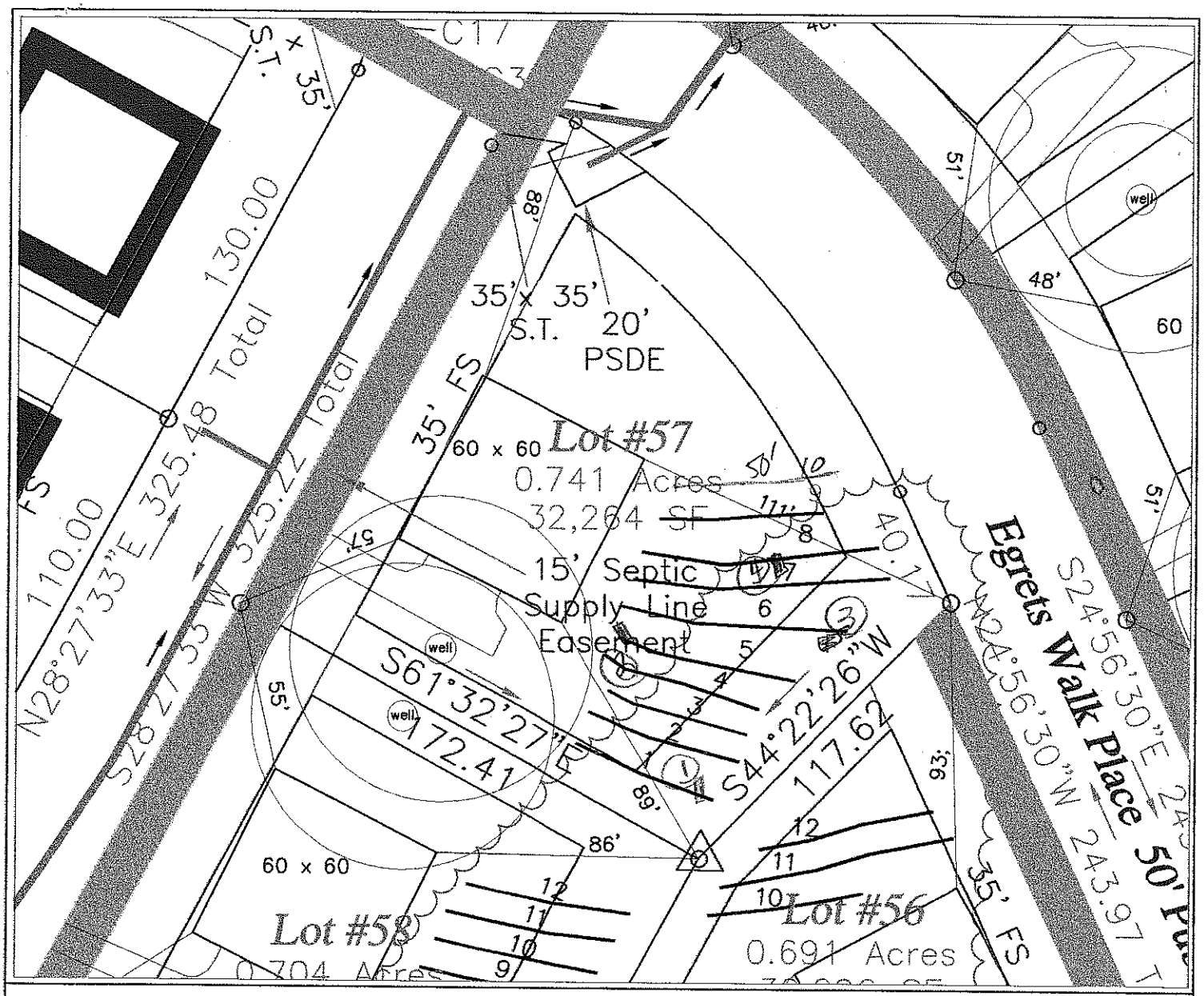
OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 9-3-04
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: lot 57A Edgewater PK PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-9	gr sndy sl	fr sssp					.3
		9-46	wk-mdsk rc/cl	fr sssp					
		46-59	wk sbk rel	fr sssp	common mic/sap				
2		0-10	gr sndy sl	fr sssp					.3
		10-31	wk sbk rc	fr sssp					
		31-58	wk sbk rel	fr sssp	few mic/sap				
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.

GRAPHIC SCALE

1" = 50'

50 0 50 100

FLAG #	COLOR	ROD READ.	LENGTH
1	Red	.5	49
2	Orange	2.0	50
3	Yellow	1.8	49
4	Blue	2.7	54
5	Pink	3.0	59
6	Red	3.6	66
7	Yellow	4.0	87
8	Blue	4.7	79
9	Pink	4.9	55

TOTAL FOOTAGE = 547'

SYSTEM
- LINES
- FOOTAGE
- SYSTEM TYPE

REPAIR
- LINES
- FOOTAGE
- SYSTEM TYPE

SHEET 1 OF 1

SHEET TITLE: SITE PLANS & DRAINFIELD LAYOUT

PROJECT NAME: MIDLOCK DEVELOPMENT CORP. – EDGEWATER PARK III/LOT#57 – IREDELL COUNTY, NORTH CAROLINA NOVEMBER 2005

S&EC Soil & Environmental Consultants, PA
256 Leftwich Church, Suite C • Concord, North Carolina 28025 • Phone (704)720-9405 • Fax (704) 720-9406

FILE C:\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. 05-1251

Revisit - Lo (on Line Soil
AT least 50' - Soil
2 pools Soil Analysis