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

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

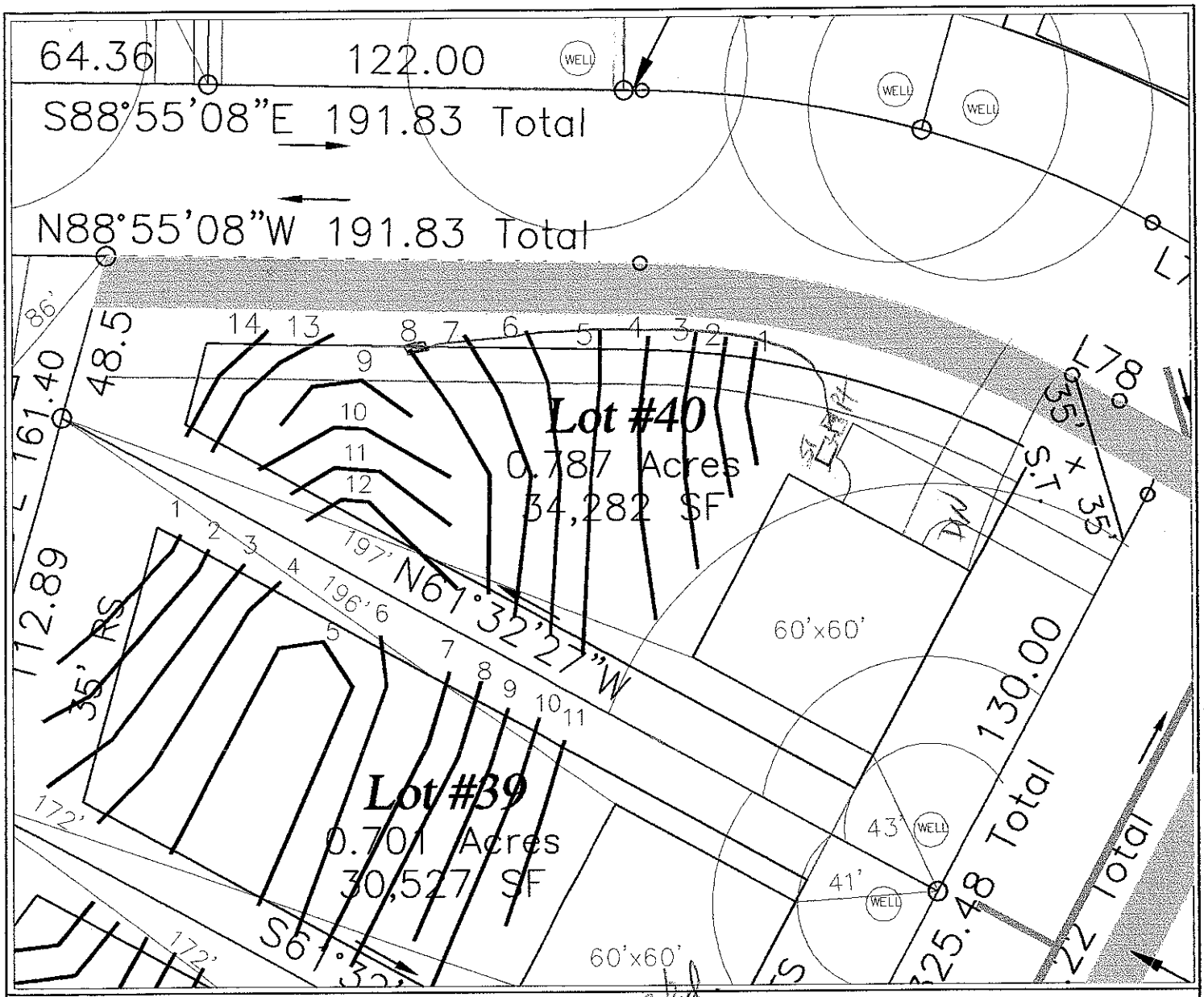
# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

OWNER: N. Blade APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 9-15-cK
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 480 gpd PROPERTY SIZE: _____
LOCATION OF SITE: Lot 40 Phase I 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) 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 | | 0-12 | gr-wk sbk fsl-pbr sl | fr sss p | few rdx mottles | | | | .3 |
| | | 12-29 | mf sbk rc | fr ss-sss p sl sp | | | | | |
| | | 29-56 | (B-C) wk f sbk grad | fr ss p | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 2 | | 0-9 | gr fsl sgl | fr ss p | | | | | .3 |
| | | 9-24 | mf sbk rc | fr ss p sl sp | | | | | |
| | | 24-36 | (B-C) wk f sbk grad | fr ss p | common rdx sp | | | | |
| | | 36-56 | massive l sp | fr ss p | few rdx | | | | |
| | | | | | | | | | |
| 3 | 5% | 0-8 | gr-wk ss sbk fsl sgl | fr ss s p | | | | | .3 |
| | | 8-24 | wk-mf sbk rc | fr ss s p | sp | | | | |
| | | 24-45 | (B-C) wk f sbk grad | fr ss s p | few rdx sp | | | | |
| | | 45-53 | wk f sbk-massive l sp | fr ss s p | few rdx/pl | | | | |
| | | | | | | | | | |
| 4 | | 0-4 | gr brn sl | fr ss s p | | | | | .3 |
| | | 4-24 | mf sbk rc | fr ss s p | sp | | | | |
| | | 24-34 | (B-C) wk f sbk grad | fr ss p | common rdx sl sp | | | | |
| | | 34-56 | massive l-sl sp | fr ss s p | | | | | |
| | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | RC |
| System Type(s) | Pm 25% Red | LPP RRBS |
| Site LTAR | .3 | .3 |

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: DL Hudson
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 | R | 10.8 | 32' |
| 2 | Y | 10.6 | 45' |
| 3 | P | 9.7 | 67' |
| 4 | B | 8.9 | 80' |
| 5 | O | 7.8 | 87' |
| 6 | Y | 6.5 | 83' |
| 7 | R | 6.0 | 81' |
| 8 | P | 5.2 | 81' |
| 9 | R | 4.9 | 38' |
| 10 | Y | 4.6 | 43' |
| 11 | O | 4.4 | 54' |
| 12 | B | 4.0 | 61' |
| 13 | B | 5.6 | 38' |
| 14 | O | 6.3 | 32' |

TOTAL FOOTAGE 822'

SYSTEM
- LINES
- FOOTAGE
- SYSTEM TYPE

REPAIR
- LINES
- FOOTAGE
- SYSTEM TYPE

SHEET 1 OF 1

SHEET TITLE:
SITE PLANS & DRAINFIELD LAYOUT

PROJECT NAME:
HEDLOCK DEVELOPMENT CORP.
– EDGEWATER PARK III/LOT#40 –
IREDELL COUNTY, NORTH CAROLINA
NOVEMBER 2003


S&EC Soil & Environmental Consultants, PA
236 LaPhillip Court, Suite D ▪ Concord, North Carolina 28059 ▪ Phone (704)788-9485 ▪ Fax (704) 788-9486


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