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

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

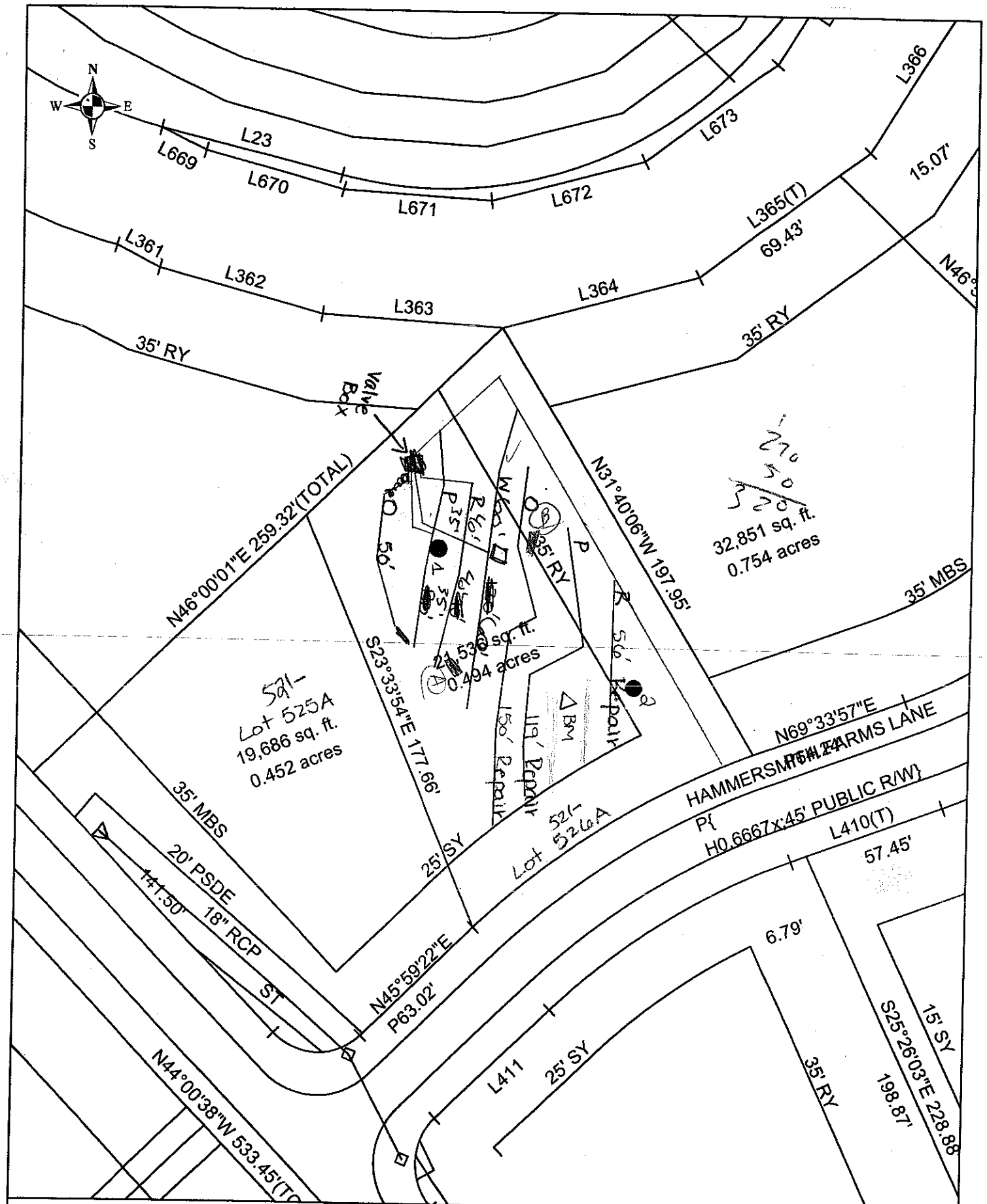
# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

OWNER: The Farms, LLC APPLICANT: ___
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: 6/8
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: ___
LOCATION OF SITE: Lot 521 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 | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Linear | 0-12 | Mo SBK/WK ABK C | SS SP FR | Red | | | | |
| | | 12-35 | Mo SBK CL | SS SP FR | Red; F sap | | | | |
| | | 35-48 | WK SBK CL | SS SP FR | Yel Br; C sap | | | | .3 |
| 2 | Linear | 0-6 | Mo GR SL | SS SP FR | Lt Br | | | | |
| | | 6-24 | Mo SBK C | SS SP FR | Red | | | | |
| | | 24-34 | WK SBK CL | SS SP FR | Red; F sap | | | | .25 |
| | | 34-48 | WK SBK CL | SS SP FR | Red; C sap, M weathered Rocks | | | | |
| A/B | 10-4.05 | 0-4 | WKSBK clean sd | fr (clay) SSSP | | | | | |
| | | 4-21 | SBK RC | fi SSSP SSP | few redi mottles, mod sap | | | | .25-.3 |
| | | 21-56 | WKSBK RC/TSAP | fr SSSP | | | | | |
| | | | very soil/sap boundary | | | | | | |
| | | | on South wall SL/L sap 43" | | | | | | |
| B 4 | 7%± | 0-6 | WKSBK clean sd | fi fr SSSP | | | | | |
| | | 6-27 | SBK/mod RC | fi-fr SSSP SSP | | | | | .25 |
| | | 27-56 | WKSBK/LP CL/TSAP | mostly fr SSSP | | | | | |
| | | | mod w. rock | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | | |
| System Type(s) | | |

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: ___




| | | | |
|---|---|---|---|
| Scale: 1 inch equals 50 feet | S&ME | The Farms Phase 4 | FIGURE |
| Drawn by: JBP | | Lot | 1 |
| Reviewed by: PGP | | Iredell County, NC | |
| Date: September, 2005 | ENVIRONMENTAL SERVICES • ENGINEERING • TESTING | S&ME Project #1588-05--070 | |