

SOIL SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: _____

Applicant: _____

Address: _____

Date Evaluated: 3/18/08

Proposed Facility: 3 BEDROOM HOME Design Flow (.1949): 360 gpd

Property Size: _____

Location of Site: _____

Property Recorded: _____

Water Supply: Public Individual Well

Spring Other

Evaluation Method: Auger Boring Pit

Cut

Type of Wastewater: Sewage Industrial Process

Mixed

| P R O F I L E # | .1940 Landscape Position/ Slope% | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941 | | OTHER PROFILE FACTORS | | | | Profile Class & LTAR |
|--------------------------------------|---|---------------------------|--------------------------------|------------------------------------|------------------------------------|------------------------------|--------------------------|-------------------------|----------------------------|
| | | | .1941 Structure/ Texture | .1941 Consistence Mineralogy | .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Saprot Class | .1944 Restr Horiz | |
| 1 | FS 2-5% | 0-6 | G SL | VFR NS/MP | | | | | PS .25 |
| | | 6-39" | SBK C | FR S/P | 10 YR 6/2 @ 36 | | | | |
| 2 | | 0-6 | G SL | VFR NS/MP | | | | | PS .3 |
| | | 6-27 | G S | VFR NS/MP | | | | | |
| | | 27-35 | SBK SC | FR S/P | | | | | |
| | | 35" | PM | | | | | | |
| 3 | | 0-8 | G SL | VFR NS/MP | | | | | PS .4 |
| | | 8-34 | G S | VFR NS/MP | | | | | |
| | | 34-48 | SBK SCL | FR SS/SP | | | | | |
| 4 | | 0-10" | G SL | VFR NS/MP | | | | | PS .4 |
| | | 10-32' | G S | VFR NS/MP | | | | | |
| | | 32-46 | SBK SCL | FR SS/SP | | | | | |

| Description | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | ✓ | ✓ |
| System Type(s) | CON | CON |
| Site LTAR | .2 | .4 |

Other Factors (.1946): _____
 Site Classification (.1948): PS
 Evaluated By: OT
 Others Present: -
 3 x 100' @ 34-36"
 = REPAIR
 DO NOT GO SHALLOW!

COMMENTS: _____

| <u>LANDSCAPE POSITIONS</u> | <u>GROUP</u> | <u>TEXTURES</u> | <u>.1955 LTAR</u> | <u>CONSISTENCE MOIST</u> | <u>WET</u> |
|----------------------------|--------------|----------------------|-------------------|--------------------------|--------------------|
| R-RIDGE | I | S-SAND | 1.2 - 0.8 | VFR-VERY FRIABLE | NS-NON-STICKY |
| S-SHOULDER SLOPE | | LS-LOAMY SAND | | | |
| L-LINEAR SLOPE | II | SL-SANDY LOAM | 0.8 - 0.6 | FR-FRIABLE | SS-SLIGHTLY STICKY |
| FS-FOOT SLOPE | | L-LOAM | | | |
| N-NOSE SLOPE | III | SI-SILT- | 0.6 - 0.3 | FI-FIRM | S-STICKY |
| H-HEAD SLOPE | | SIL-SILT LOAM | | | |
| CC-CONCLAVE SLOPE | | CL-CLAY LOAM | | | |
| CV-CONVEX SLOPE | | SCL-SANDY CLAY LOAM | | | |
| T-TERRACE | IV | SIC-SILTY CLAY | 0.4 - 0.1 | VFI-VERY FIRM | VS-VERY STICKY |
| FP-FLOOD PLAN | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | |
| | | SICL-SILTY CLAY LOAM | | EFI-EXTREMELY FIRM | NP-NON-PLASTIC |
| | | | | | SP-SLIGHTLY STICKY |
| | | | | | P-PLASTIC |
| | | | | | VP-VERY PLASTIC |

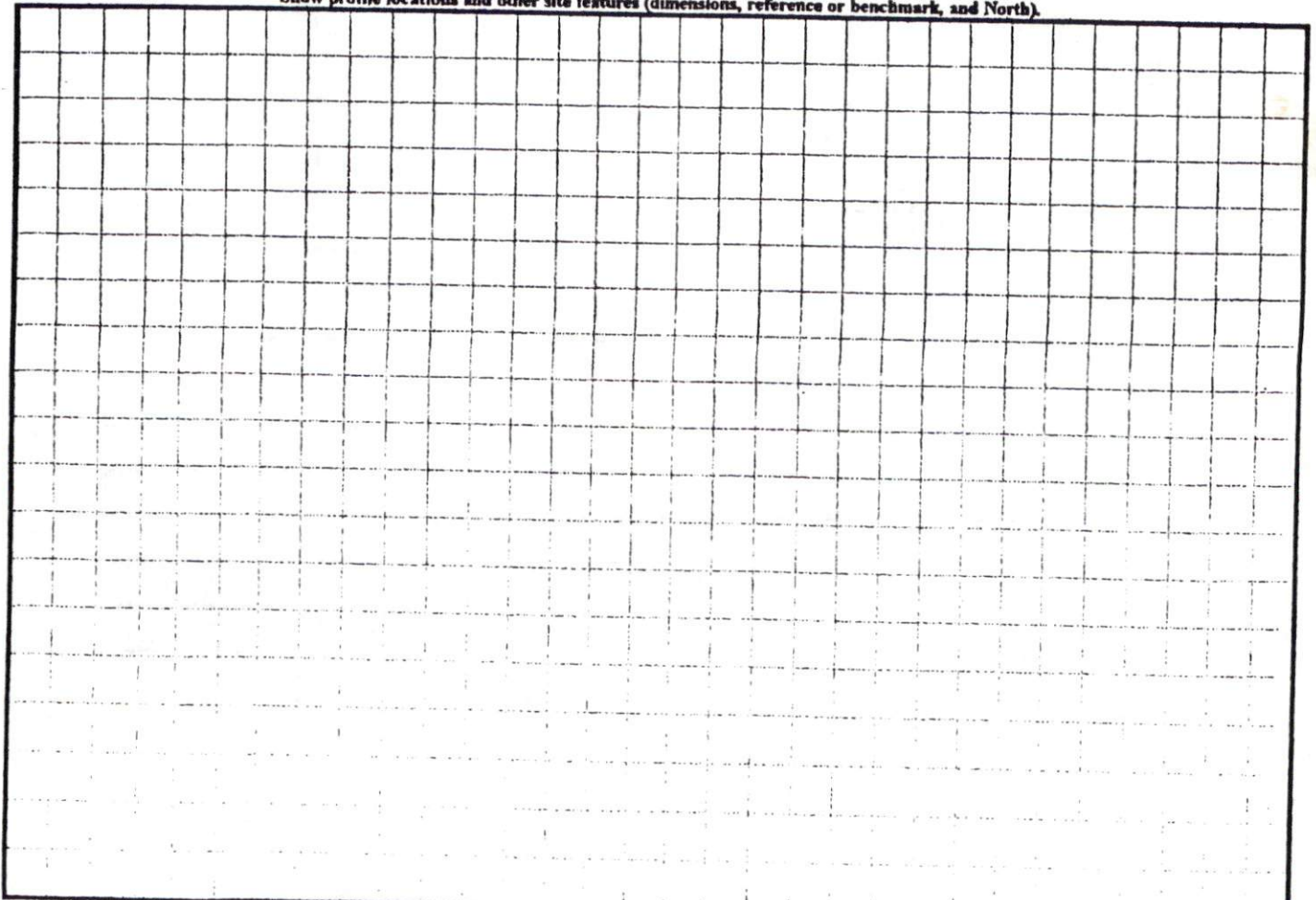
STRUCTURE

- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

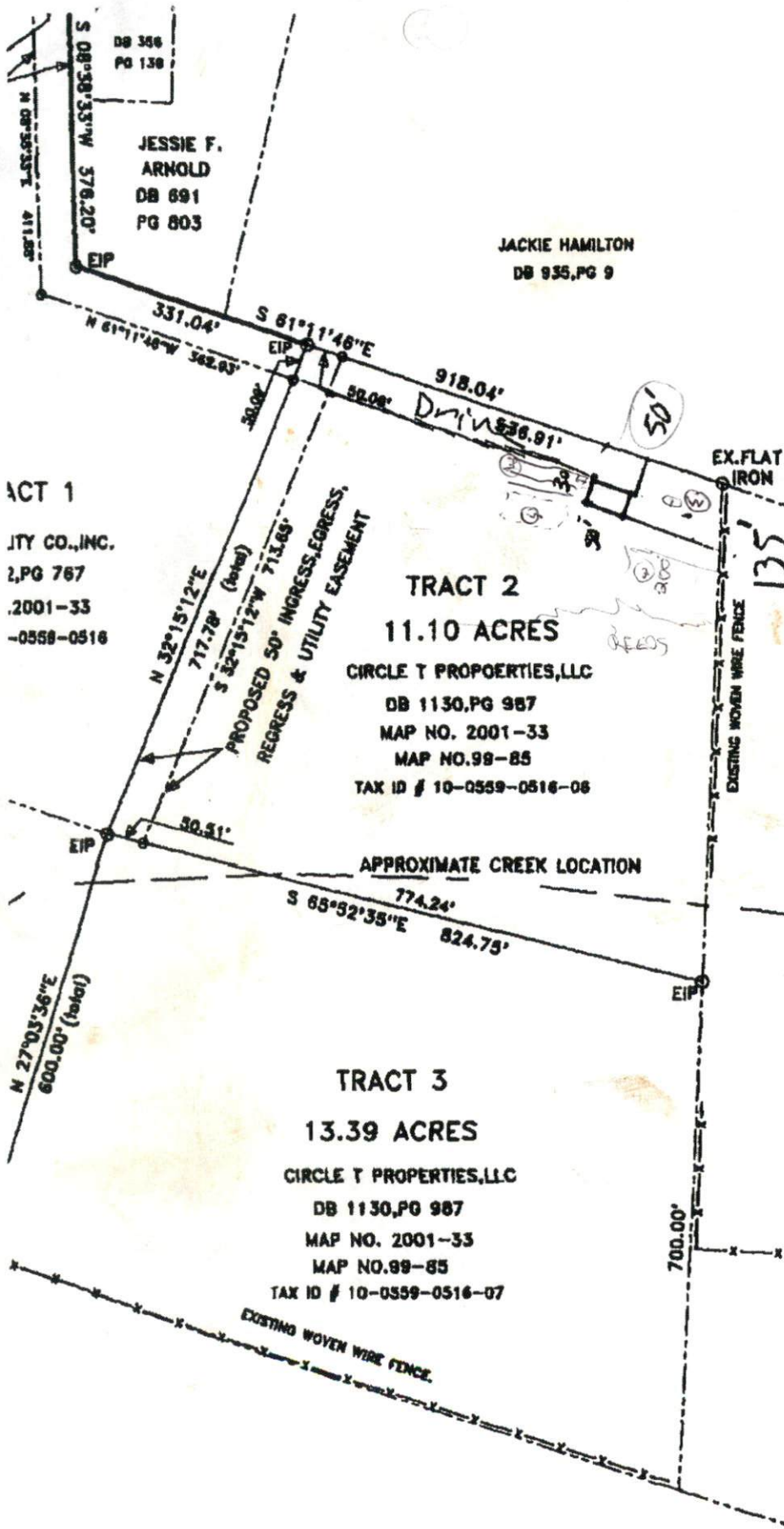
MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

Show profile locations and other site features (dimensions, reference or benchmark, and North).



5-A
1



ACT 1
 CITY CO., INC.
 2, PG 767
 2001-33
 -0559-0516

TRACT 2
 11.10 ACRES
 CIRCLE T PROPERTIES, LLC
 DB 1130, PG 987
 MAP NO. 2001-33
 MAP NO. 99-85
 TAX ID # 10-0559-0516-06

TRACT 3
 13.39 ACRES
 CIRCLE T PROPERTIES, LLC
 DB 1130, PG 987
 MAP NO. 2001-33
 MAP NO. 99-85
 TAX ID # 10-0559-0516-07

Lillington zoning

NOTE: THE SURVEY INFORMATION ON THIS MAP WAS TAKEN FROM MAP NO. 2001-33. THE PURPOSE OF THIS MAP IS TO SHOW THE LOCATION OF A 50' EASEMENT. THE PREVIOUS LOCATION WAS SHOWN ON MAPS OF TRACTS 4 & 1.

FOR REGISTRATION REGISTER OF DEEDS
 KIRKLAND & ASSOCIATES
 HUNNETT COUNTY, NC
 2001 NOV 28 12:00 PM
 BK 1201 PG 124-124 PG 124-08
 INSTRUMENT # 2001-00316

EASEMENT SURVEY

SURVEY FOR:

BENNETT SURVEYS, INC.