

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

Owner: _____ Applicant: _____

Address: _____

Proposed Facility: 4860200M

Date Evaluated: _____

Design Flow (.1949): 480 gpd

Property Size: _____

Location of Site: _____

Property Recorded: _____

Water Supply: Public Individual Well

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 Sapro Class | .1944 Restr Horiz | |
| | | | | | | | | | |
| 1 | <u>LS 5-7 1/2</u> | <u>0-12"</u> | <u>G S</u> | <u>VFD NS/P</u> | | | | | |
| | | <u>12-26</u> | <u>SK C</u> | <u>F2 S/P</u> | <u>10/12 7/2 @ 20"</u> | | | | <u>US</u> |
| 2 | | <u>0-14"</u> | <u>G S</u> | <u>VFD NS/P</u> | | | | | |
| | | <u>14-36</u> | <u>SK SCL</u> | <u>F2 SS/P</u> | <u>10/12 7/2 @ 32"</u> | | | | <u>PS .45</u> |
| 3 | | <u>0-10"</u> | <u>G S</u> | <u>VFD NS/P</u> | | | | | |
| | | <u>10-14"</u> | <u>MC</u> | <u>F1</u> | | | | | <u>US</u> |
| 4 | | <u>0-16"</u> | <u>G S</u> | <u>VFD NS/P</u> | | | | | |
| | | <u>16-36"</u> | <u>SK SCL</u> | <u>F2 SS/P</u> | <u>10/12 7/2 @ 34"</u> | | | | <u>PS .45</u> |
| A | | <u>0-18"</u> | <u>G S</u> | <u>VFD NS/P</u> | | | | | |
| | | <u>18-36"</u> | <u>SK SCL</u> | <u>F2 SS/P</u> | <u>10/12 7/2 @ 34"</u> | | | | <u>PS .45</u> |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | |
|-------------------------|----------------|---------------|--|
| Description | Initial System | Repair System | Other Factors (.1946): Site Classification (.1948): <u>PS</u> Evaluated By: <u>AL</u> Others Present: <u>BN</u> |
| Available Space (.1945) | | | |
| System Type(s) | <u>25 1/2</u> | <u>LPP</u> | |
| Site LTAR | <u>LS</u> | | |

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 FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM | NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC |
| S-SHOULDER SLOPE | | LS-LOAMY SAND | | | |
| L-LINEAR SLOPE | II | SL-SANDY LOAM | 0.8 - 0.6 | | |
| FS-FOOT SLOPE | | L-LOAM | | | |
| N-NOSE SLOPE | III | SI-SILT | 0.6 - 0.3 | | |
| 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 | | |
| FP-FLOOD PLAN | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | |

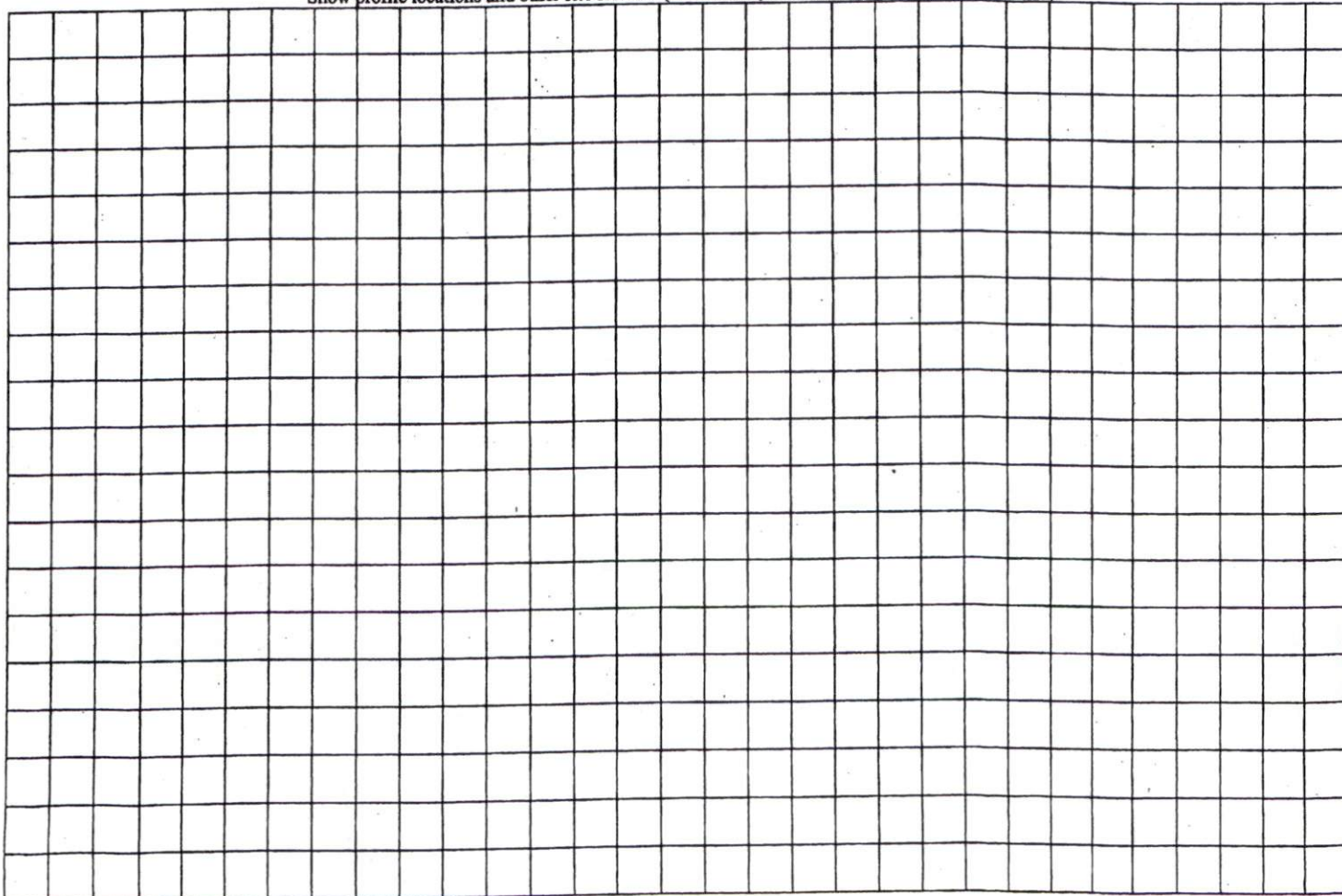
STRUCTURE

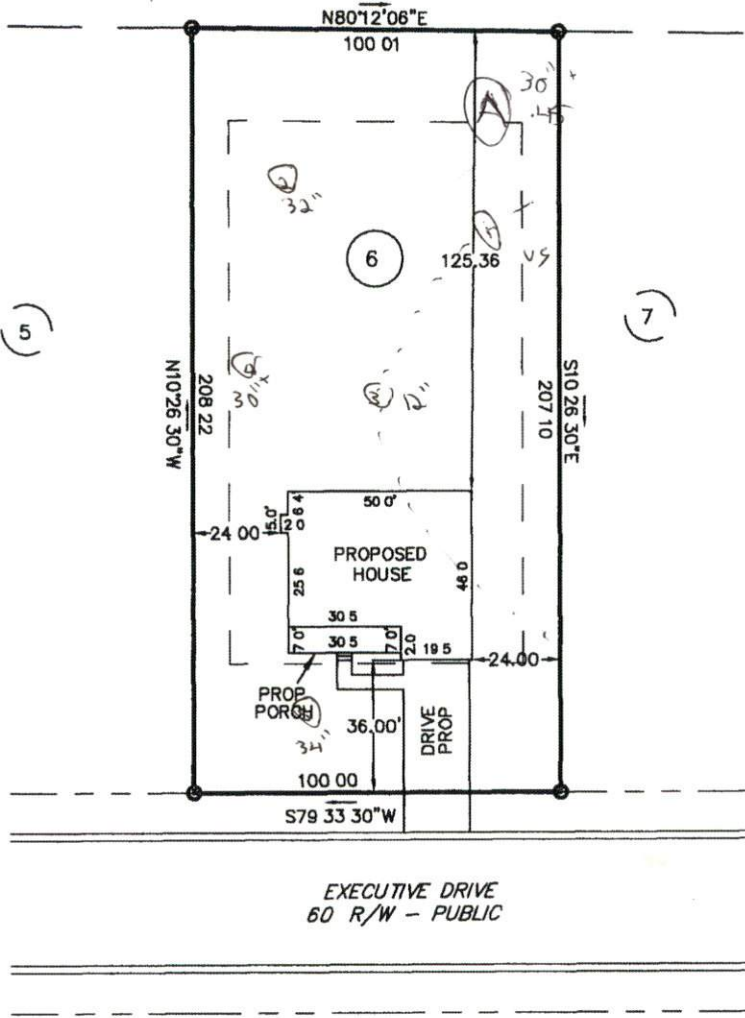
- SG-SINGLE GRAIN
- M- MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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





40
60
60
60
50

PLOT PLAN

SUBDIVISION OAKMONT SUBDIVISION
PHASE ONE

OWNER MCKEE HOMES, LLC
SCALE 1" = 40'



The design for the proposed sewage disposal system _____ approved
Sanitarian Supervisor
Harnett County Health Dept
Date _____

Averette Engineering Co., P.A.
Established 1970
CIVIL ENGINEERING
LAND SURVEYING
PLANNING

Address
712 E Lake Ridge Road
Raeford NC 28376
Phone (910) 488 5656
Fax (910) 488 0181
License C 0146
Web www.averette-eng.com

Michael D. Averette
Michael D Averette PE-021411
Professional Engineer
JANUARY 23, 2012
Date _____
PPLAN120/M