

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

Owner:

Applicant:

Address:

Date Evaluated: 12/19/06

Proposed Facility: 4 BEDROOM HOME Design Flow (.1949): 480 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 Sapro Class | 1944 Restr Horiz | |
| 1 | L 2-4% | 0-12" | G SL | VR2 NS/NP | | | | | PS UG |
| | | 12-20" | SBX SCL | VR2 BS/NP | | | | | |
| | | 20-24" | SBX CH | FR SS/SS | | | | | |
| | | 24-48" | G S | VR2 NS/NP | | | | | |
| 2 | | 0-12" | G SL | VR2 NS/NP | | | | UG | |
| | | 12-36" | SBX C | FR S/SS | 10% 7/1 @ 20" | | | | |
| 3 | | 0-24" | G SL | VR2 BS/NP | | | | S.G | |
| | | 24-48" | SBX S | VR2 BS/NP | | | | | |
| 4 | | 0-12" | G SL | VR2 BS/NP | | | | S.G | |
| | | 12-48" | G S | VR2 NS/NP | | | | | |

| Description | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | ✓ | ✓ |
| System Type(s) | CON | 25% RGD |
| Site LTAR | .C | .S |

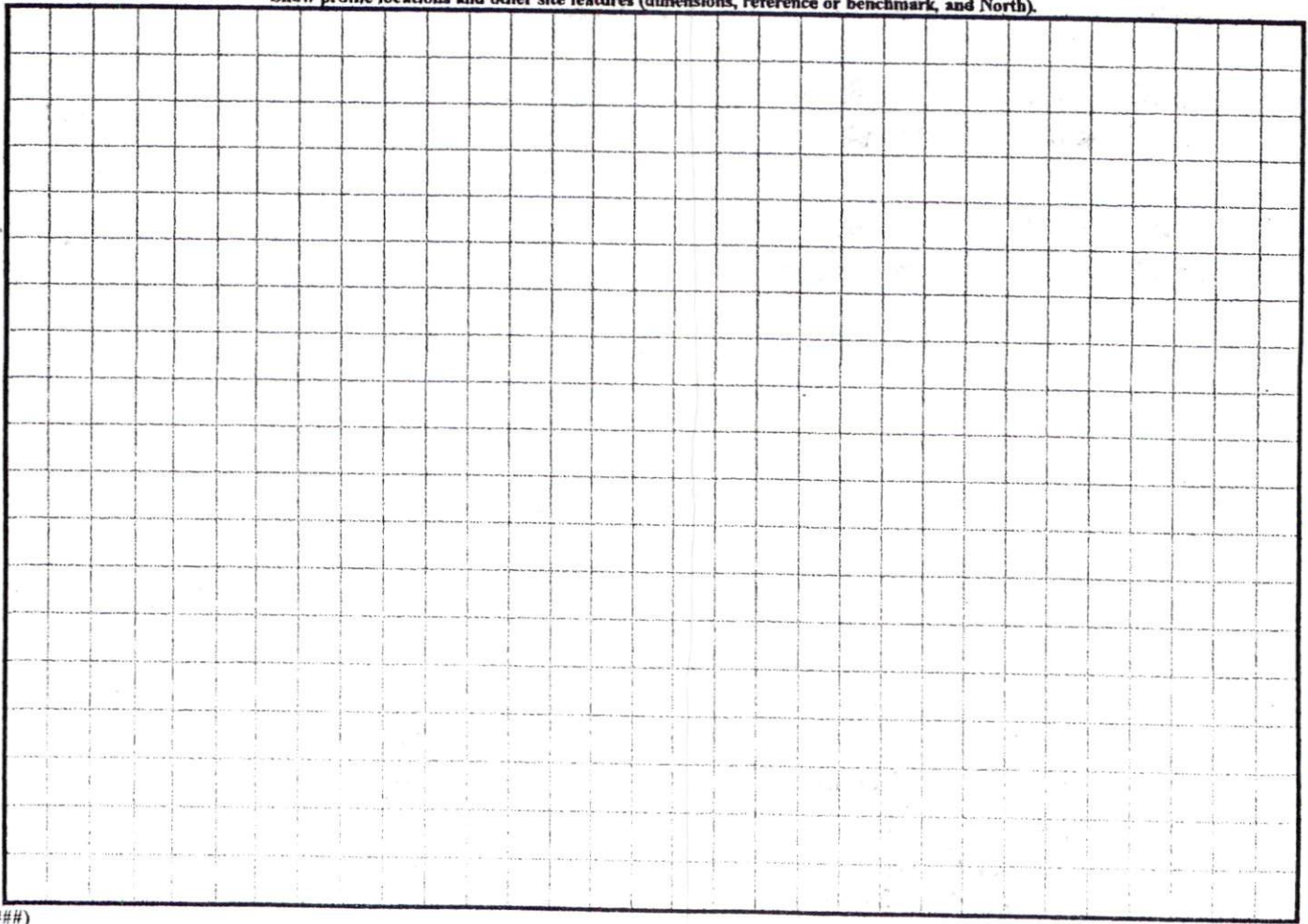
3x80 CON
3x80 25% RGD

Other Factors (.1946): _____
Site Classification (.1948): PS
Evaluated By: GT
Others Present: _____

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 | | FI-FIRM | S-STICKY |
| N-NOSE SLOPE | | | | VFI-VERY FIRM | VS-VERY STICKY |
| H-HEAD SLOPE | | | | EFI-EXTREMELY FIRM | NP-NON-PLASTIC |
| CC-CONCLAVE SLOPE | III | SI-SILT- | 0.6 - 0.3 | | SP-SLIGHTLY STICKY |
| CV-CONVEX SLOPE | | SIL-SILT LOAM | | | |
| T-TERRACE | | CL-CLAY LOAM | | | |
| FP-FLOOD PLAN | | SCL-SANDY CLAY LOAM | | | |
| | | SICL-SILTY CLAY LOAM | | | |
| | IV | SIC-SILTY CLAY | 0.4 - 0.1 | | P-PLASTIC |
| | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | |
| <u>STRUCTURE</u> | | <u>MINERALOGY</u> | | | |
| SG-SINGLE GRAIN | | SLIGHTLY EXPANSIVE | | | |
| M-MASSIVE | | | | | |
| CR-CRUMB | | EXPANSIVE | | | |
| GR-GRANULAR | | | | | |
| SBK-SUBANGULAR BLOCKY | | | | | |
| ABK-ANGULAR BLOCKY | | | | | |
| PL-PLATY | | | | | |
| PR-PRISMATIC | | | | | |

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



1 = 30

