

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

Owner:

Applicant: *Cubrickland Home*
Date Evaluated: *6/13/06*

Address:

Property Size: *.55A*

Proposed Facility: *3BR*

Design Flow (.1949): *360*

Property Recorded:

Location of Site: *Gumbillett*

Water Supply: Public Individual 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 | | | | 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 | | 0-12 | LS | Fi | Gr | NSNP | | | | | 0.4 |
| | | 12-25 | SL | Fi | Gr | NSNP | 104R 7/2 @ 23" | | | | PS |
| | | 25-31 | SCL | SBK | Fi | SP | | | | | |
| 2 | | 0-14 | SL | Fi | Gr | NSNP | | | | | 0.4 |
| | | 14-33 | SCL | Fi | SBK | SSP | 104R 7/2 @ 33" | | | | PS |
| | | 33-42 | CL | Fi | SBK | SP | | | | | |
| 3 | | 0-30 | SL | Fi | Gr | NSNP | 104R 7/2 @ 30" | | | | 0.6 |
| | | | | | | | | | | | PS |
| 4 | | 0-38 | SCL | Fi | Gr | NSNP | | | | | 0.4 |
| | | | | | | | | | | | PS |
| 5 | <i>6/6.7</i> | 0-12 | SLL | Fi | SBK | SP | 104R 7/2 @ 12" | | | | U |
| | | | | | | | | | | | U |
| 6 | | 0-12 | CL | Fi | SBK | SP | | | | | U |
| | | | | | | | | | | | U |
| 7 | | 0-12 | SL | Fi | Gr | NSNP | | | | | 0.4 |
| | | 12-22 | SCL | Fi | SBK | SSP | | | | | PS |
| | | 22-34 | CL | Fi | SBK | SP | | | | | U |
| 8 | | 0-12 | SCL | Fi | SBK | SP | 104R 6/20 @ 12" | | | | 0.4 |
| | | 12-20 | SL | Fi | Gr | NSNP | 104R 7/2 @ 34" | | | | PS |
| | | 20-36 | SLL | Fi | SBK | SSP | | | | | U |

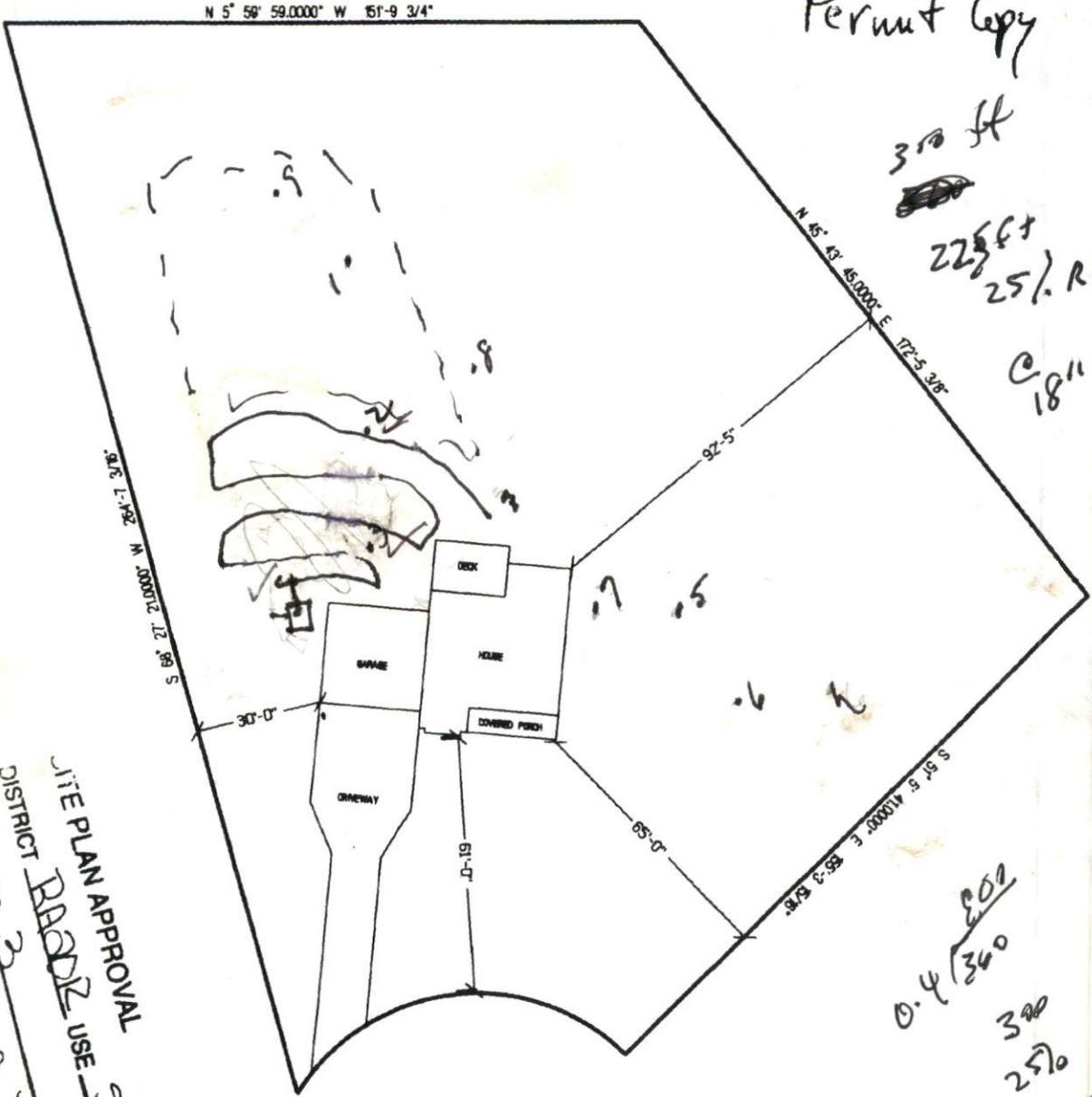
| Description | Initial System | Repair System |
|-------------------------|----------------|-----------------|
| Available Space (.1945) | <i>256 Rod</i> | <i>257 Rod.</i> |
| System Type(s) | <i>PS</i> | <i>PS</i> |
| Site LTAR | <i>0.4</i> | <i>0.4</i> |

36-44 CL Fi SBK SP

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

Permit Copy

310 ft
~~225 ft~~
225 ft
25% Red.
C 18"



JTE PLAN APPROVAL
 DISTRICT RAZOR USE SECD
 SECTIONS 3
 W/ W. B. ...
 Zoning Admin.

0.4 $\sqrt{360}$
 300
 250
 225

JUBILEE COURT

**CUMBERLAND HOMES
 THE CAPE WITH SUNROOM
 LOT #182 YORKSHIRE PLANTATION
 SCALE: 1"=40'**

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

Owner: _____ Applicant: _____
 Address: _____ Date Evaluated: 6/20/2006
 Proposed Facility: _____ Design Flow (.1949): _____ 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 | |
| A | | 0-5" | GSL | VFR NS/NP | | | | | |
| | | 5-11" | SBR SCL | FR S/SP | | | | | |
| | | 11-28" | PM | | 10YR 8/2 @ 28" | | | | |
| | | 28" x | MC | | GRW MATRIX | | | | |
| C | | 0-13" | G LS | VFR NS/NP | GRW MATRIX | | | | |
| | | 13" | M SCL | F1 S/P | ↓ | | | | |
| D | | 0-12 | C LS | | | | | | |
| | | 12-24 | SBR SCL | | | | | | |
| | | 24-34" | PM | | | | | | |
| | | 34" x | MC | | | | | | |
| E | | 0-12 | G LS | VFR NS/NP | | | | | |
| | | 12-28" | SBR SCL | FR S/SP | | | | | |
| | | 28" x | PM | | | | | | |
| B | | | | | | | | | |
| | | | | | OUT BY 12" | | | | |

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

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

[Handwritten signature]
 B
 H

COMMENTS: _____

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

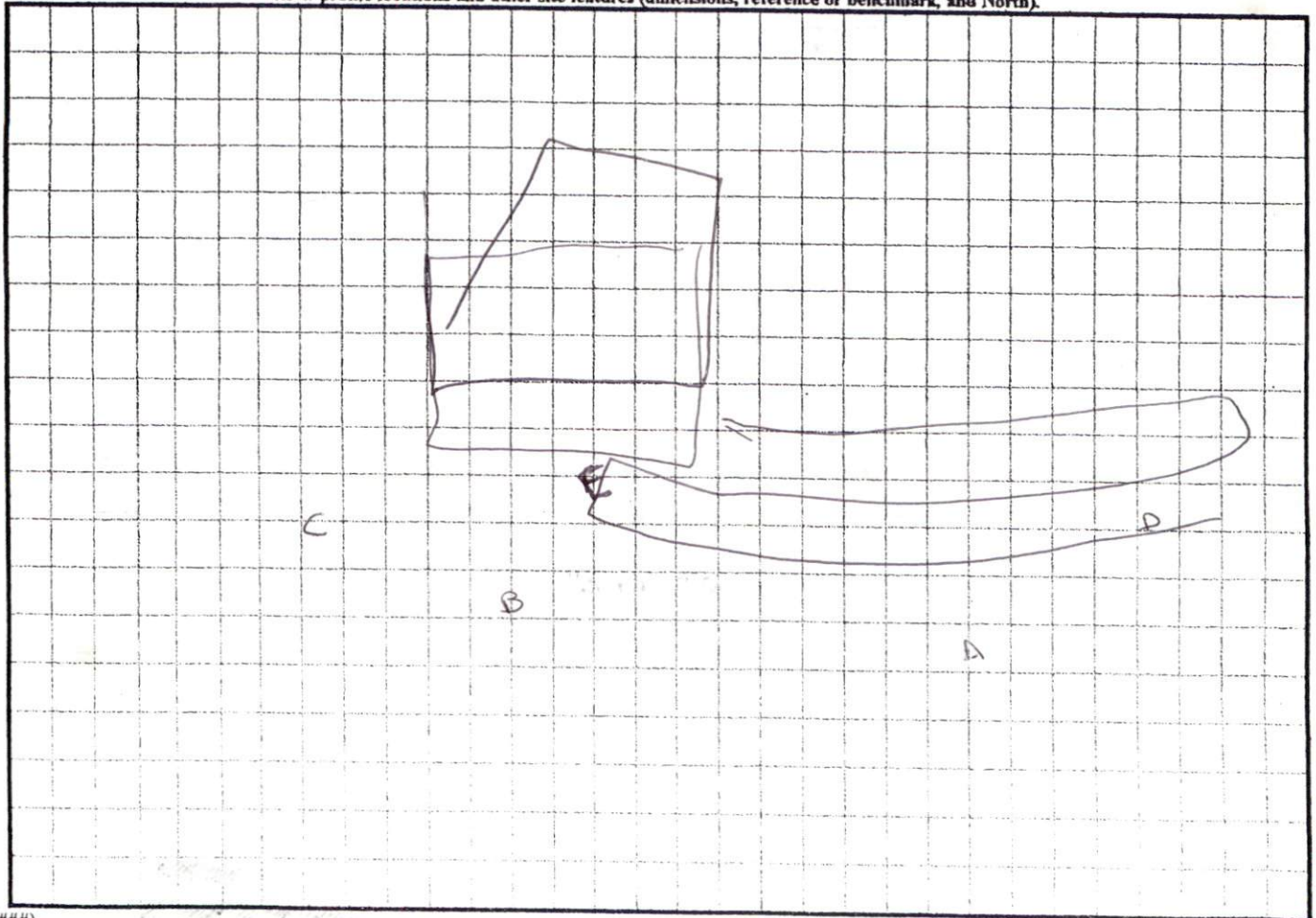
STRUCTURE

- 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).



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

Cumberland County
 Lot 102 Yorkshire
 06-5-15051

Owner:
 Address:
 Proposed Facility:
 Location of Site:
 Water Supply: Public Individual Well
 Evaluation Method: Auger Boring Pit
 Type of Wastewater: Sewage Industrial Process

Applicant:
 Date Evaluated: 6/27/2006
 Property Size:
 Property Recorded:
 Spring Other
 Cut
 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 | |
| 15 | 7% ① | 0-30 | LS/IFG | VFr NS NP | | | | | .45 PS |
| | | 30-48 | sci/lmsbk | Fr SS SP | 10 YR 7/2, 32" | | | | |
| ② | | 0-42 | 2fgr/LS | VFr NS NP | 10 YR 7/2 at 28" | | | | .8 PS |
| | | 42-48 | 2mgr/SL | Fr SS SP | | | | | |
| | | 48+ | 2msbk/sci | Fr SS SP | | | | | |
| ③ | | 0-11 | 2fgr/SL | VFr NS NP | | | | | PS.5 |
| | | 11-24 | 2fmsbk/sci | Fr SS SP | 10 YR 7/2 at 21" | | | | |
| | | 24-36 | 2msbk/SL | Fr SS SP | 10 YR 7/2 at 21" | | | | |
| | | 36-48 | M/C | F: SP | | | | | |
| ④ | | 0-12 | 1fgr/LS | VFr NS NP | | | | | PS.45 |
| | | 12-22 | 1mgr/SL | Fr SS SP | | | | | |
| | | 22-40 | | | 10 YR 7/2 at 26" | | | | |
| | | 40-48 | M/lmsbk/c | F: SP | | | | | |
| ⑤ | | 0-9 | M/lmsbk/c | F: SP | 10 YR 7/2 at 9" | | | | PS |
| | | | | | | | | | |
| | | | | | | | | | |

| Description | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | / | / |
| System Type(s) | 25/0 | 25/0 |
| Site LTAR | .45 | .45 |

Other Factors (.1946):
 Site Classification (.1948): PS
 Evaluated By: Dr. McElroy
 Others Present: BM, OT, HC, Ted Brown

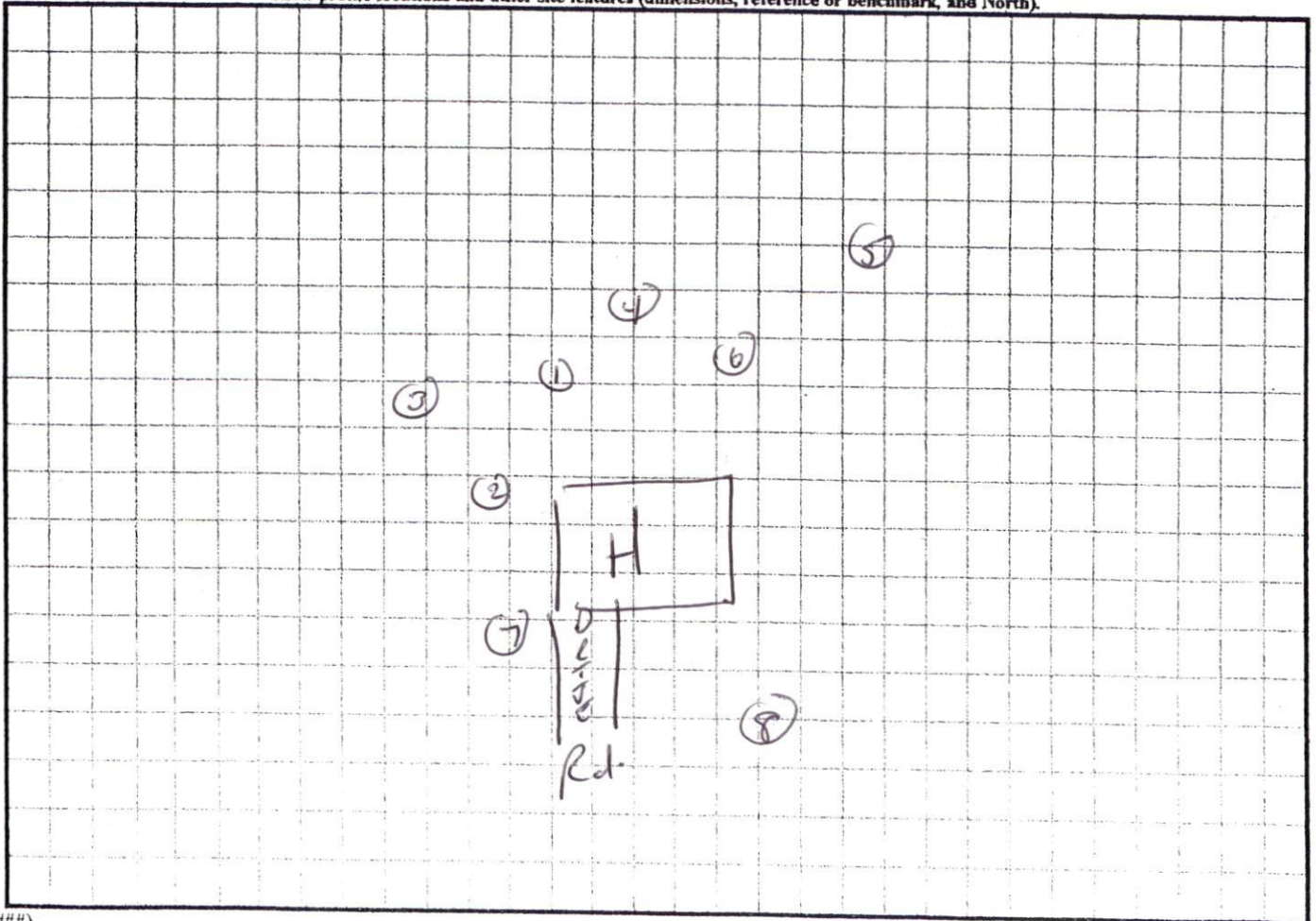
COMMENTS: _____

| <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 | EFI-EXTREMELY FIRM | NP-NON-PLASTIC |
| FP-FLOOD PLAN | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | |
| | | SICL-SILTY CLAY LOAM | | | SP-SLIGHTLY STICKY |
| | | | | | P-PLASTIC |
| | | | | | VP-VERY PLASTIC |

STRUCTURE
 SG-SINGLE GRAIN
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MINERALOGY
 SLIGHTLY EXPANSIVE
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Show profile locations and other site features (dimensions, reference or benchmark, and North).



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

06-5-15051
 Lot 1F2
 Yorkstone

Owner: *Comberland Homes*
 Address: *Yorkstone*
 Proposed Facility: Design Flow (.1949):
 Location of Site:
 Water Supply: Public Individual Well
 Evaluation Method: Auger Boring Pit
 Type of Wastewater: Sewage Industrial Process

Applicant:
 Date Evaluated: *6/27/2006*
 Property Size:
 Property Recorded:
 Spring Other
 Cut
 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 | |
| 5 | | 0-10 | 1mgr/LS | VFr NS NP | | | | | |
| | | 10-29 | 1msbk/sc1 | Fr SS SP | 10YR 7/2 at 17" | | | | |
| 6 | | 0-26 | 1ofgr/LS | VFr NS NP | | | | | PS. 8 |
| | | 26-48 | 5g/S | VFr NS NP | 10YR 7/2 at 26" | | | | |
| 8 | | 0-17 | 1fgr/LS | VFr NS NP | | | | | PS. 45 |
| | | 17-31 | 1fshk/sc1 | Fr SS SP | | | | | |
| | | 31-41 | 1msbk/sc1 | Fr SS SP | 10YR 7/2 at 35" w/pockets of sc | | | | |
| | | 41-48 | 1mgr/LS | VFr SS SP | w/pocket of SL | | | | |
| | | 48 | 1msbk/sc1 | Fr SS SP | | | | | |

| Description | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | / | / |
| System Type(s) | 25% | 25% |
| Site LTAR | .45 | .45 |

Other Factors (.1946): _____
 Site Classification (.1948): *PS*
 Evaluated By: *Dr. McCloy*
 Others Present: *Bm, OT, HC + Ted Brown*

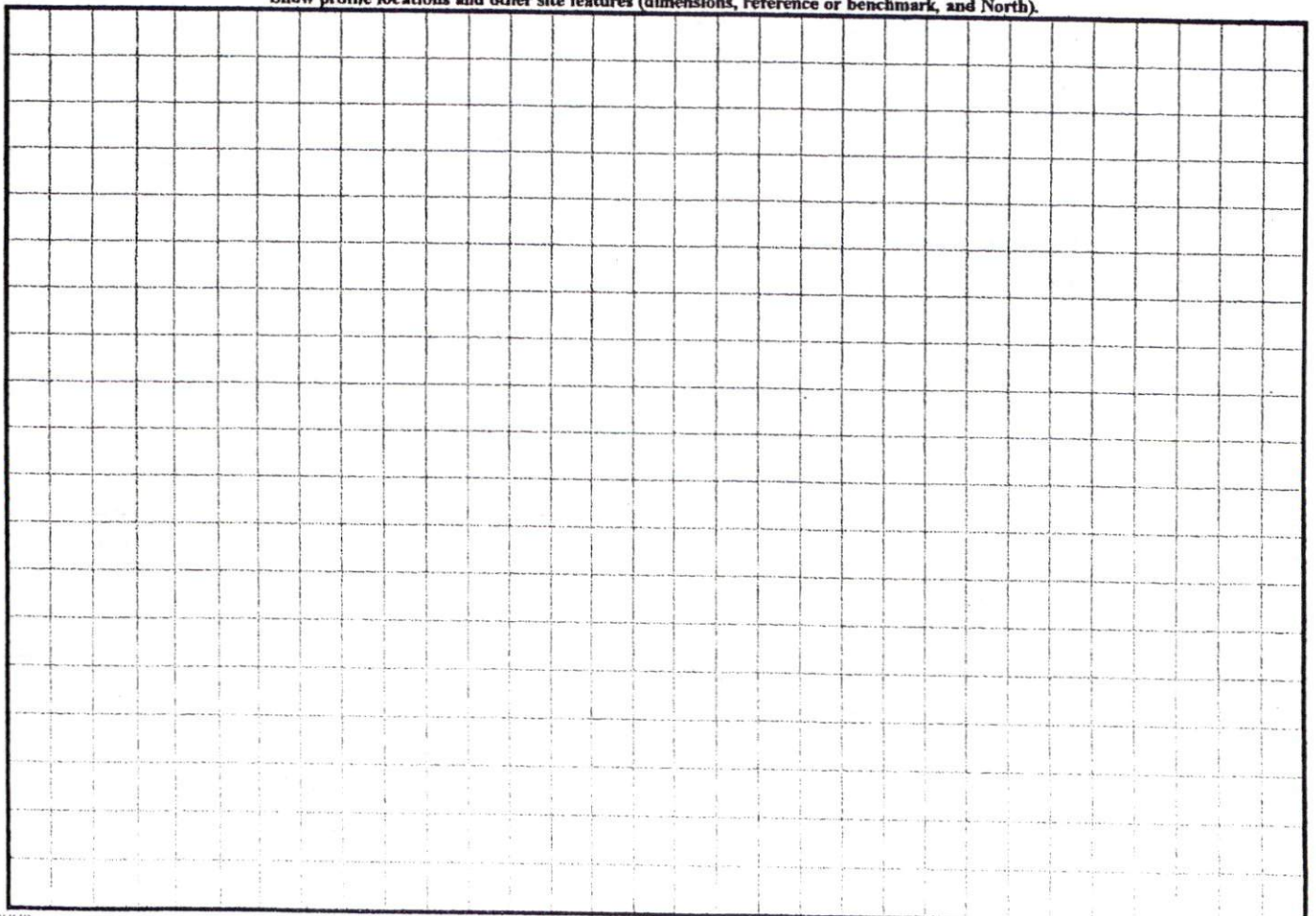
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|----------------------------|--------------|---------------------|-------------------|--------------------------|--------------------|
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| L-LINEAR SLOPE | II | SL-SANDY LOAM | 0.8 - 0.6 | FR-FRIABLE | SS-SLIGHTLY STICKY |
| FS-FOOT SLOPE | | L-LOAM | | | |
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| H-HEAD SLOPE | III | SI-SILT- | 0.6 - 0.3 | VFI-VERY FIRM | VS-VERY STICKY |
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| T-TERRACE | | SCL-SANDY CLAY LOAM | | | |
| FP-FLOOD PLAN | | SIC-SILTY CLAY | 0.4 - 0.1 | EFI-EXTREMELY FIRM | NP-NON-PLASTIC |
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| LANDSCAPE POSITIONS | GROUP | TEXTURES | .1955 LTAR | CONSISTENCE MOIST | WET |
|---------------------|-------|---------------------|------------|--|---|
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| 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 | | | |

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